

001



OXY PETROLEUM, INC.
OIL AND GAS EXPLORATION AND PRODUCTION
5000 STOCKDALE HIGHWAY - BAKERSFIELD, CALIFORNIA 93309
(805) 327-7351

October 25, 1978

G.T. WARREN
Division Landman
Western Division

Re: Gordon Creek Unit No. 1
Gordon Creek Area
Carbon County,
U T A H



Mr. Cleo H. Feight, Director
State of Utah
Department of Natural Resources
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Dear Mr. Feight:

Mr. R. W. Trainor of our company has heretofore been in contact with you and has presented our request for approval of application to drill the subject well for carbon dioxide evaluation. As further required by the code, bond in the sum of \$10,000 is enclosed.

Because of the topography of the area, and in an effort to place our drillsite slightly above the level of a natural stream flow, we have selected a coordinate location which is slightly off of the coordinates required in the code. The chosen location, we hope, will alleviate a washout caused by nearby stream flows. We respectfully request that this location be approved.

Also, enclosed is sketch of our "cut sheet" which identifies the location of our top soil stock pile and estimates the amount of cut and fill required for location preparation. Further, attached is map showing the position of the existing road which we shall improve with application of gravel, where required, and installation of culverts.

If you have any questions, regarding the enclosed contents, please feel free to call me collect in Bakersfield (805) 327-7351.

Very truly yours,

G. T. Warren

GTW:sl

Enclosures

P.S. If the attached bond meets with your approval, please forward to this office, in writing, a letter of acceptance.

002

SCOTT M. MATHESON
Governor



OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

I. DANIEL STEWART
Chairman

CHARLES R. HENDERSON
JOHN L. BELL
THADIS W. BOX
C. RAY JUVELIN

CLEON B. FEIGHT
Director

November 2, 1978

Oxy Petroleum Inc.
5000 Stockdale Highway
Bakersfield, California 93309.

RE: Gordon Creek Unit #1
Carbon Dioxide Well
Sec. 19, T. 14 S, R. 8 E,
Carbon County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill this well is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT, Director
Home: 466-4455
Office: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-007-30044.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

cc: Division of State Lands

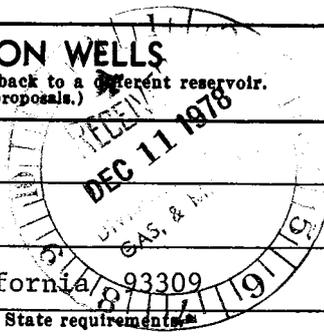
STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

003

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Carbon Dioxide		5. LEASE DESIGNATION AND SERIAL NO. Utah ML 27507
2. NAME OF OPERATOR OXY PETROLEUM, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---
3. ADDRESS OF OPERATOR 5000 Stockdale Highway, Bakersfield, California 93309		7. UNIT AGREEMENT NAME Gordon Creek
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1590' West and 1517' North from the Southeast Corner of Section 19, T. 14 S., R. 8 E., S.L.B. & M.		8. FARM OR LEASE NAME "Gordon Creek Unit"
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7447', ground	9. WELL NO. 1
		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 19, T. 14 S., R. 8 E., S.L.B. & M.
		12. COUNTY OR PARISH Carbon
		13. STATE Utah



16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>	<input type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drilling Program changed to the following:

1. Set 50' to 80' of 20" conductor and install B.O.P. equipment.
2. Drill 17-1/2" hole to 3100'±.
3. Drill 12-1/4" hole from 3100'± to 4350'±.
4. Open 12-1/4" hole to 17-1/2" from 3100'± to 4350'±.
5. Run and cement 13-3/8" casing at 4350'± and install B.O.P. equipment.
6. Drill 8-3/4" hole to 12,000'±.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: Dec. 11, 1978

BY: P. W. Ansell

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Operations Manager, Western Division DATE December 7, 1978

(This space for Federal or State office use)

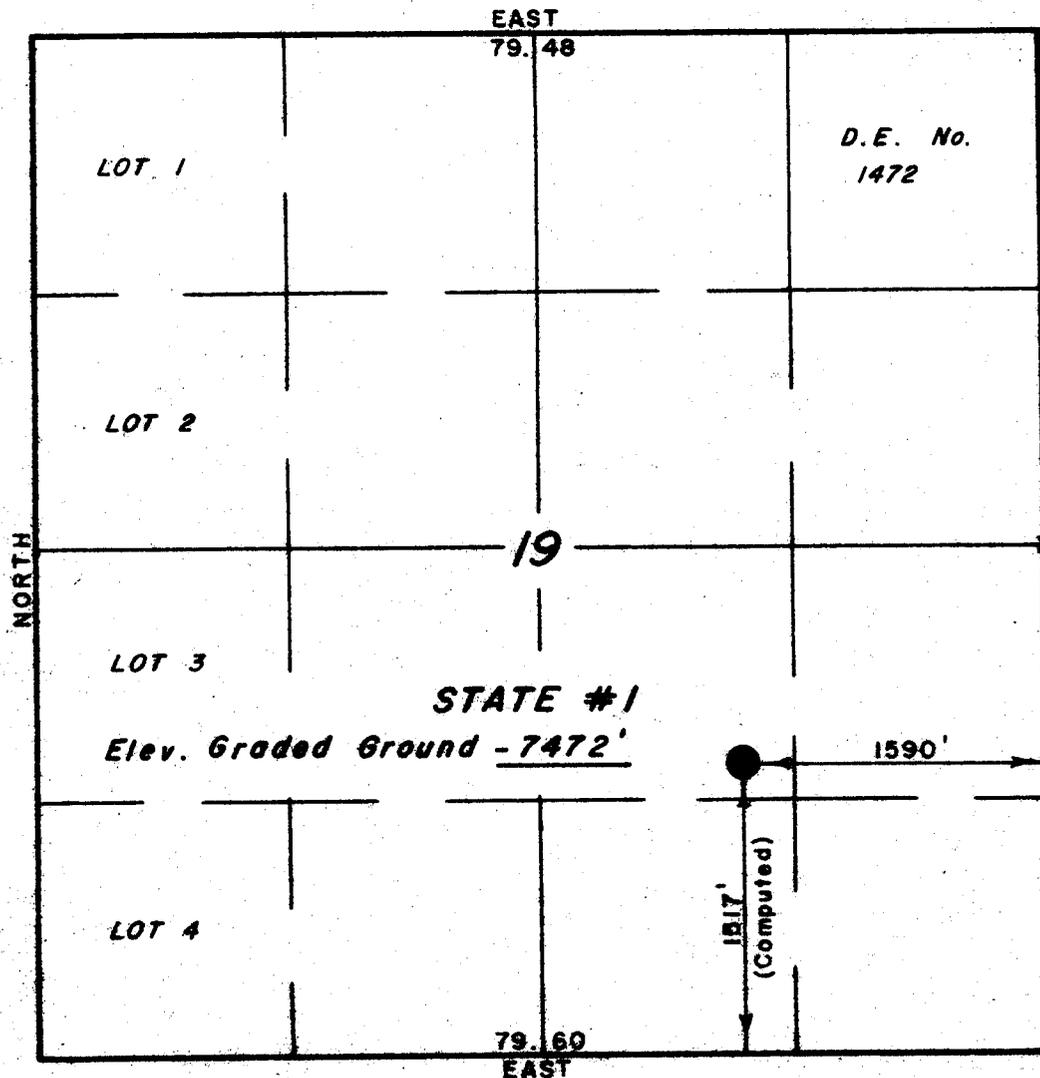
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

T14S, R8E, S.L.B. & M.

PROJECT
OCCIDENTAL PETROLEUM CORP.

Well location, STATE #1, located
 as shown in the NW 1/4 SE 1/4 Section 19,
 T14S, R8E, S.L.B. & M. Carbon County,
 Utah.



X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
 FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
 SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
 BEST OF MY KNOWLEDGE AND BELIEF.

Lawrence P. Key
 REGISTERED LAND SURVEYOR
 REGISTRATION NO 3137
 STATE OF UTAH

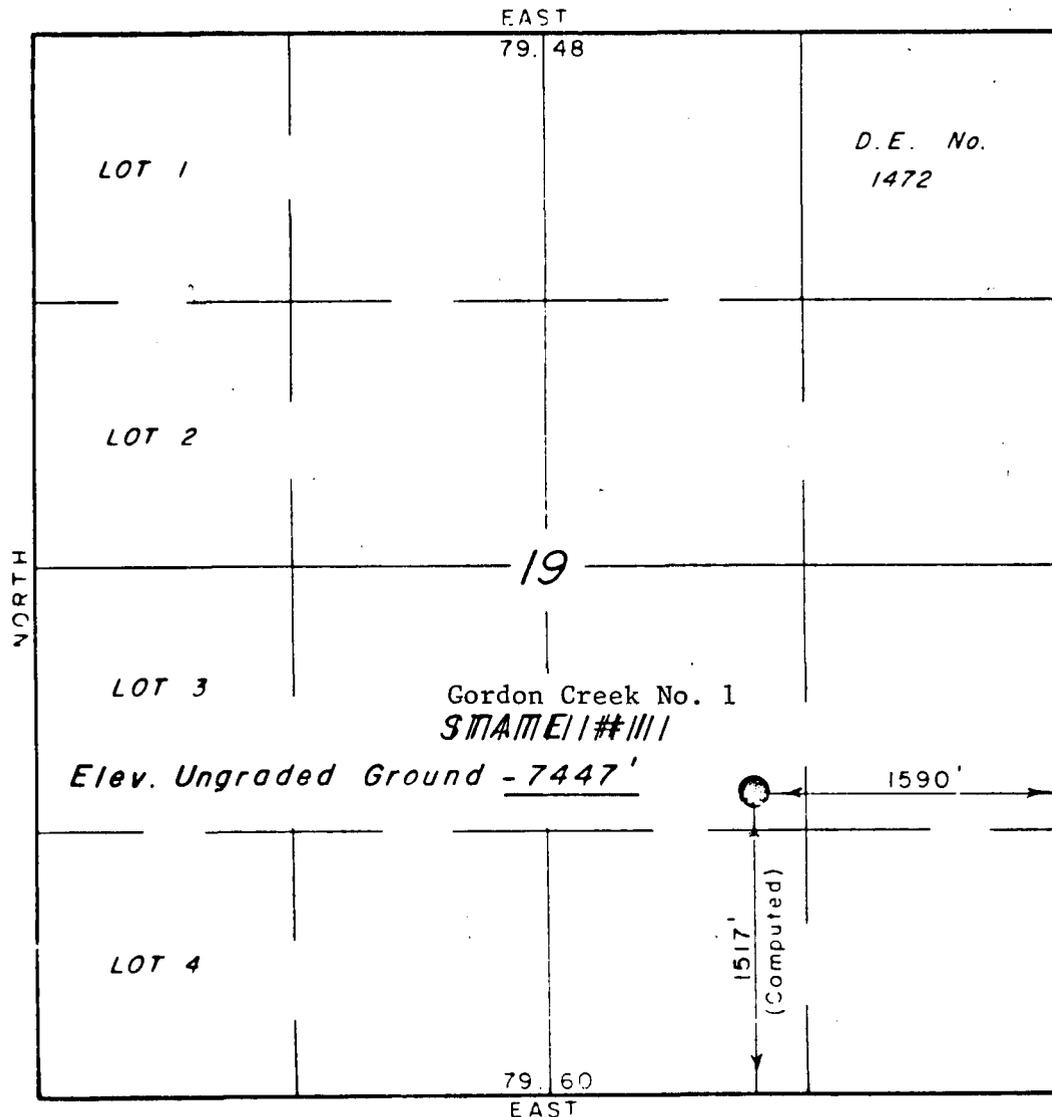
Revised - 5/3/79

UINTAH ENGINEERING & LAND SURVEYING P.O. BOX 9 - 110 EAST - FIRST SOUTH VERNAL, UTAH - 84078	
SCALE 1" = 1000'	DATE 7/10/78
PARTY LCK PK RS DJ	REFERENCES 8LO Plat
WEATHER Hot	FILE OCCIDENTAL PETRO.

T14S, R8E, S.L.B. & M.

Gordon Creek No. 1

Well location, ~~STATE #111~~, located
as shown in the NW 1/4 SE 1/4 Section 19,
T14S, R8E, S.L.B. & M. Carbon County,
Utah.



X = Section Corners Located

CERTIFICATE

WE HEREBY CERTIFY THAT THE ABOVE PLAT WAS PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT THE SAME IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEY AS MADE BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION.

Lawrence C. [Signature]
REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	7/10/78
PARTY	LCK PK RS DJ	REFERENCES	GLO Plat
WEATHER	Hot	FILE	OCCIDENTAL PETRO.

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: Oct. 23-

Operator: City Petroleum

Well No: Golden Creek Unit #1

Location: Sec. 19 T. 14S R. 8E County: Carbon

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

✓ APT Number: 43-007-30044

CHECKED BY:

Administrative Assistant: [Signature]

Remarks: No other well Sec. 19

Petroleum Engineer: _____

Remarks: Z

Director: _____

Remarks: _____

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: [Signature]

Survey Plat Required:

Order No. _____

Surface Casing Change
to _____

Rule C-3(c), Topographic exception/company owns or controls acreage
within a 660' radius of proposed site

O.K. Rule C-3

O.K. In _____ Unit

Other: _____

letter written/Approved

January 12, 1979

MEMO TO FILE

Re: OXY PETROLEUM, INC.
Well No. Gordon Creek Unit #1
Sec. 19, T. 14S, R. 8E
Carbon County, Utah

This office was notified on the above date that Exy Petroleum Inc. spudded their Gordon Creek Unit #1, Sec. 19, T. 14S, R. 8E on Friday, January, 12, 1979 at 4:00 a. m.

The drilling contractor was not known at this time.

CLEON B. FEIGHT
DIRECTOR

CBF/lw
cc: State Land Board
State Industrial Commission

January 19, 1979

MEMO TO FILE

OXY PETROLEUM CORPORATION
Well No. Gordon Creek Unit #1
Sec. 19, T. 14S, R. 8E
Carbon County, Utah

On January 18, 1979 an attempt was made to reach this well location and make a rig inspection of True Drilling Company's Rig No. 20. Unfortunately, the Gordon Creek road was taken, this was the wrong road, the Pinnacle Mesa road should have been taken.

CLEON B. FEIGHT
DIRECTOR

CBF/1w
cc: State Land Board

104

January 26, 1979

MEMO TO FILE

Re: OXY PETROLEUM, INC.
Well No. Gordon Creek #1
Sec. 19, T. 14S, R. 8E
Carbon County, Utah

On January 24, 1979 a visit was made to this drilling well. A rig inspection was made of True Drilling Company's Rig No. 20.

At the time of the visit, the well was at a depth of 934. The operator was having problems with lost circulation.

CLEON B. FEIGHT
DIRECTOR

CBF/lw
cc: State Land Board

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

Federal Lease No. ---
Indian Lease No. ---
Fee & Pat. ---

1688 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
533-5771

A.P.I. No. 43-007-30044

008

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Carbon FIELD/LEASE "Gordon Creek Unit"

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
January 19 79

Agent's Address 5000 Stockdale Highway
Bakersfield, California 93309
Phone No. (805) 327-7351

Company OXY PETROLEUM, INC.
Signed A. N. Buttram
Title Operations Manager, Western Division

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of pad)
SE-1/4 of the NW-1/4 of Section 19	14S.	8E.	1	--	--	--	--	--	--	Spudded at 4:00 a.m., 1-12-79. Drld. 17-1/2" hole to 682'. Twisted off. Ran fishing tools & recovered fish. Drld. 17-1/2" hole to 897'. Twisted off at 317'. Recovered fish. Drld. 17-1/2" hole to 922'. Lost circulation. Pumped in LCM. Drld. 17-1/2" hole to 934'. Twisted off at 359'. Recovered fish. Plugged lost circulation zone from 933' to 875' with 150 sacks of cement. Drld. out cement plug with full circulation returns. Drld. 17-1/2" hole to 1005'. Shut down at 1:00 p.m., 1-26-79 for rig repairs. Repairing rig.

GAS: (MCF)

Sold ---
Flared/Vented ---
Used On Off Lease ---

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month ---
Produced during month ---
Sold during month ---
Unavoidably lost ---
Reason: ---
On hand at end of month ---

DRILLING PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. THIS REPORT MUST BE FILED

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
533-5771

State Lease No. Utah ML 27507
Federal Lease No. _____
Indian Lease No. _____
Fee & Pat. _____
A.P.I. No. 43-007-30044

009



REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Carbon FIELD/LEASE "Gordon Creek Unit"

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
February, 19 79

Agent's Address 5000 Stockdale Highway Company OXY PETROLEUM, INC.
Bakersfield, California 93309 Signed H. N. Sutton
Phone No. (805) 395-8000 Title Operations Manager, Western Division

Sec. and 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE-1/4 of the NW-1/4 of Section 19	14S.	8E.	1	--	--	--	--	--	--	Drld. 17-1/2" hole from 1005-1317'. Lost cir. Pumped in LCM & regained cir. Drld. 17-1/2" hole from 1317-3200'. Drld. 12-1/4" hole from 3200-3532'. OHT #1 (3270-3291'): Set pkrs. at 3270' and 3291', nitrogen cushion. IF 10 min. ISI 30 min. 2nd Flow 5-1/4 hrs. GTS in 43 min. Flowed 113 Mcf/D decreasing to 54.3 Mcf/D. Fluid surfaced in 5 hrs. Well died. FSI 5 hours. Rec. 2000' of fluid: 372' of gas-cut drilling mud and 1628' of gas-cut, muddy water. No CO ₂ . Drld. 12-1/4" hole from 3532-4190'. OHT #2 (4071-4118'): Set pkrs. at 4071' and 4118', nitrogen cushion. PACKERS FAILED. Drld. 12-1/4" hole from 4190-4233'.

GAS: (MCF)
Sold _____
Flared/Vented _____
Used On/Off Lease _____

OIL or CONDENSATE: (To be reported in Barrels)
On hand at beginning of month _____
Produced during month _____
Sold during month _____
Unavoidably lost _____
Reason: _____
On hand at end of month _____

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

State Lease No. Utah ML 27507

Federal Lease No. ---

Indian Lease No. ---

Fee & Pat. ---

A.P.I. No 43-007-30044

1888 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
533-5771

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Carbon FIELD/LEASE "Gordon Creek Unit"

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
April, 19 79

Agent's Address 5000 Stockdale Highway
Bakersfield, California 93309

Company OXY PETROLEUM, INC.
Signed A. N. Buttram

Title Operations Manager, Western Division

Phone No. (805) 395-8000

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE-1/4 of the NW-1/4 of Section 19	14S.	8E.	1	--	--	--	--	--	--	Drld. 12-1/4" hole from 4564' to 6180'. Twisted off. Ran fishing tools and recovered all the fish. Ran in with 12-1/4" bit and washed and cleaned out from 6156' to 6180'. Drilled 12-1/4" hole from 6180' to 6380'. Twisted off. Top of fish at 5810'. Ran fishing tools and recovered all of the fish. Drld. 12-1/4" hole from 6380' to 7659'. Tested B.O.P. equipment, O.K. (Note: Used air drilling equipment to aerate the mud.)

GAS: (MCF)

Sold _____
Flared/Vented _____
Used On/Off Lease _____

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month _____
Produced during month _____
Sold during month _____
Unavoidably lost _____
Reason: _____
On hand at end of month _____

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. THIS REPORT MUST BE FILED

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

Federal Lease No. ---
Indian Lease No. ---
Fee & Pat. ---

1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
533-5771

011

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Carbon FIELD/LEASE "Gordon Creek Unit"

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
May, 1979.

Agent's Address 5000 Stockdale Highway Company OXY PETROLEUM, INC.
Bakersfield, California 93309 Signed B.N. Sullivan
Phone No. (805) 395-8000 Title Operations Manager, Western Division

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE-1/4 of the NW-1/4 of Section 19	14S.	8E.	1	---	---	---	---	---	---	Drld. 12-1/4" hole from 7659-8703'. OHT #4 (8551-8580'): Packers failed. Cir. and cond. mud. Ran Schlumberger DIL and Gamma Ray Sonic w/Caliper. OHT #5 (8448-8703'): Packers failed. Tested B.O.P.E., O.K. Drld. 12-1/4" hole from 8703-8933'. Lost cir. Pumped in LCM and regained. Drld. 12-1/4" hole from 8933-9585'. (Note: Drld. with aerated mud.)

GAS: (MCF)
Sold _____
Flared/Vented _____
Used On Off Lease _____

OIL or CONDENSATE: (To be reported in Barrels)
On hand at beginning of month _____
Produced during month _____
Sold during month _____
Unavoidably lost _____
Reason: _____
On hand at end of month _____

FOR DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. THIS REPORT MUST BE FILED

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1888 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
833-5771

012



REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE UTAH COUNTY Carbon FIELD/LEASE "Gordon Creek Unit"

The following is a correct report of operations and production (including drilling and producing wells) for the month of: June, 19 79.

Agent's Address 5000 Stockdale Highway
Bakersfield, California 93309
Phone No. (805) 395-8000

Company OXY PETROLEUM, INC.
Signed A.N. Butcher
Title Operations Manager, Western Division

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE-1/4 of the NW-1/4 of Section 19	14S	8E.	1	--	--	--	--	--	--	Drld. 12-1/4" hole from 9585-10,200'. Ran IES w/GR, Sonic Log w/GR, Neutron-Formation Density & Continuous Dipmeter. Ran RFT. Ran & cmtd. 9-5/8" 47#, S-95 & N-80 csg. at 10,200' w/2669 sxes of cement. D.O. cmt. to 10,190'. Ran CBL & VDL. D.O. cmt. & shoe and drld. 8-1/2" hole to 10,380'. Cored 10,380' to 10,438'. OHT #5 (10,200-10,438'): Had weak blow. Rec.drlg. mud w/trace of CO ₂ . Drld. 8-1/2" hole 10,438' to 10,480' and cored 10,480' to 10,584'.

GAS: (MCF)

Sold ---
Flared/Vented ---
Used On/Off Lease ---

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month ---
Produced during month ---
Sold during month ---
Unavoidably lost ---
Reason: ---
On hand at end of month ---

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. THIS REPORT MUST BE FILED

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

State Lease No. Utah ML 27507
Federal Lease No. _____
Indian Lease No. _____
Fee & Pat. _____

1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
533-5771



REPORT OF OPERATIONS AND WELL STATUS REPORT

013

STATE Utah COUNTY Carbon FIELD/LEASE "Gordon Creek Unit"

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
July, 1979

Agent's Address 5000 Stockdale Highway Company OXY PETROLEUM, INC.
Bakersfield, California 93309 Signed B. N. Sutherland
Title Operations Manager, Western Division
Phone No. (805) 395-8000

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE 1/4 of the NW 1/4 of Sec. 19	14S.	8E.	1	--	--	--	--	--	--	(Sheet attached)

GAS: (MCF)
Sold _____
Flared/Vented _____
Used On/Off Lease _____

OIL or CONDENSATE: (To be reported in Barrels)
On hand at beginning of month _____
Produced during month _____
Sold during month _____
Unavoidably lost _____
Reason: _____
On hand at end of month _____

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. THIS REPORT MUST BE FILED

OCCIDENTAL EXPLORATION AND PRODUCTION COMPANY

5000 Stockdale Highway
Bakersfield, California 93309

M
P



DATA TRANSFER SHEET

To: State of Utah
Division of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

TYPE OF TRANSFER

- Occidental data loan
- Your data returned
- Data to be retained by you

Attention:

From: Magi Nielsen
Date: May 16, 1979

Reference: OXY, "GORDON CREEK UNIT No. 1", Sec. 19-14S/8E SLM, Carbon Co., Utah
State Lease: Utah ML 27507 API No. 43-007-30044

<u>ITEM</u>	One copy:
	Survey Plat (elevation corrected)

RECEIVED BY: _____

DATE: _____

Please check the above data and return one signed copy of transfer.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

014

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Carbon Dioxide		5. LEASE DESIGNATION AND SERIAL NO. Utah ML 27507
2. NAME OF OPERATOR OXY PETROLEUM, INC.		6. IF INDIAN, ALLOTED OR TRIBE NAME --
3. ADDRESS OF OPERATOR 5000 Stockdale Highway, Bakersfield, California 93309		7. UNIT AGREEMENT NAME Gordon Creek
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1590' West and 1517' North from the Southeast Corner of Section 19, T. 14 S., R. 8 E., S.L.B.& M.		8. FARM OR LEASE NAME "Gordon Creek Unit"
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7447', ground	9. WELL NO. 1
		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 19, T. 14 S., R. 8 E., S.L.B.& M.
		12. COUNTY OR PARISH Carbon
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>	Plug Back & Test <input checked="" type="checkbox"/>	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

PRESENT CONDITION OF WELL:

Total Depth: 11,781'.
 Casing Record: 20" conductor set at 80', cemented to surface.
 13-3/8" 68# and 72#, N-80 and K-55, buttress thread casing cemented at 4349'. DV collar at 1949'.
 9-5/8" 47#, N-80 and S-95, buttress thread casing cemented at 10,200'. DV collar at 8153'.
 Carbon Dioxide Shows: 11,599' to 11,606'.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
 DATE: 8-9-79
 BY: *M. G. Menders*

PROPOSE WORK:

- *Plug with cement from 11,781' to 11,400'±.
- *Plug with cement from 10,300' to 10,100'.
- Perforate 9-5/8" casing with four jet holes per foot from 8687' to 8692'.
- Test.
- Complete or plug and abandon.

(*Received verbal approval from Mr. Menders on August 2, 1979.)

18. I hereby certify that the foregoing is true and correct

SIGNED G. N. Buttram / *G. N. Buttram* TITLE Operations Manager, Western Division DATE August 7, 1979

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

DIVISION OF OIL, GAS AND MINING

PLUGGING PROGRAMNAME OF COMPANY: Oxy Petroleum Inc. (Jim Conners 805-395-8536)WELL NAME: Gorden Creek #1 (Co₂ Test)SECTION 19 TOWNSHIP 14S. RANGE 8E. COUNTY Carbon

VERBAL APPROVAL GIVEN TO PLUG THE ABOVE REFERRED TO WELL IN THE FOLLOWING MANNER:

TOTAL DEPTH: 11,781

CASING PROGRAM:

20" @ 80'
 13 3/8 @ 4349'
 9 5/8 @ 10,200
 8½ openhole TD

FORMATION TOPS:

Mesaverde	200
Upper Mancos	1600
Ferrin	3250
Lower Mancosa	3650
Dakota	4025
Cedar MT.	4120
Sinbad	10460
Kiabab	10889
Coconins	11137

PLUGS SET AS FOLLOWS:

#1) 11,270-TD 504' 300sx
 #2) 9715-10,406 691' 350sx

PROPOSED

#3) 8587 - 8700=
 #4) 4249 - 4449
 #5) Surf - 50'

Perf 4/ft 8,687 to 8692 (recovered)

CO₂, H₂O, and H₂S)

Erect regulation dry hole; fill pits; clean and regrade site

DATE 8/9/79

SIGNED

M. T. Minder

Michael T. Minder

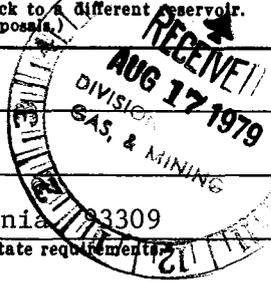
STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

016

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Carbon Dioxide		5. LEASE DESIGNATION AND SERIAL NO. Utah ML 27507
2. NAME OF OPERATOR OXY PETROLEUM, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---
3. ADDRESS OF OPERATOR 5000 Stockdale Highway, Bakersfield, California 93309		7. UNIT AGREEMENT NAME Gordon Creek
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1590' West and 1517' North from the Southeast Corner of Section 19, T. 14 S., R. 8 E., S.L.B.& M.		8. FARM OR LEASE NAME "Gordon Creek Unit"
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7447', ground	9. WELL NO. 1
		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 19, T. 14 S., R. 8 E., S.L.B.& M.
		12. COUNTY OR PARISH Carbon
		13. STATE Utah



16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WORK PERFORMED:

1. Plugged from 11,779' to 10,883' with cement. Witnessing waived by Utah Div.Oil,Gas & Min.
2. Plugged from 10,406' to 9715' with cement. Witnessing waived by Utah Div.Oil,Gas & Min.
3. Perforated 9-5/8" casing with four jet holes per foot from 8687' to 8692'. Ran test. Well flowed mud and sulphur water with trace of CO₂.
4. Plugged from 8748' to 8465' with cement.
5. Plugged with cement from 4492' to 4113'.
6. Plugged from 186' to surface with cement.
7. Cut casing off at base of cellar (8' below ground level) and welded on steel plate.
8. Installed 4-1/2" O.D. x 10' (6' buried and 4' above ground) dry hole marker with well name, well number and location as per Rule D4.
9. ABANDONED WELL.

18. I hereby certify that the foregoing is true and correct

SIGNED G. N. Buttram TITLE Operations Manager DATE August 15, 1979
G. N. Buttram TITLE Western Division

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

017

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

(Oil instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Carbon Dioxide		5. LEASE DESIGNATION AND SERIAL NO. Utah ML 27507
2. NAME OF OPERATOR OXY PETROLEUM, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---
3. ADDRESS OF OPERATOR 5000 Stockdale Highway, Bakersfield, California 93309		7. UNIT AGREEMENT NAME Gordon Creek
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1590' West and 1517' North from the Southeast Corner of Section 19, T. 14 S., R. 8 E., S.L.B. & M.		8. FARM OR LEASE NAME "Gordon Creek Unit"
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7447', ground	9. WELL NO. 1
		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 19, T. 14 S., R. 8 E., S.L.B. & M.
		12. COUNTY OR PARISH Carbon
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

PRESENT CONDITION OF WELL:

Total Depth: 11,781'. Plugged: 11,779-10,883', 10,406-9715'.
 Casing Record: 20" conductor set at 80', cemented to surface.
 13-3/8" 68# and 72#, N-80 and K-55, buttress thread casing cemented at 4349'. D.V. collar at 1949'.
 9-5/8" 47#, N-80 and S-95, buttress thread casing cemented at 10,200'. D.V. collar at 8153'. Perforated with 4 jet holes per foot from 8687' to 8692'.

PROPOSED WORK:

1. Plug with cement from 8787' to 8592'.
2. Plug with cement from 4449' to 4249'.
3. Plug with cement from 150' to surface.
4. Cut off casing at base of cellar and weld on steel plate.
5. Install dry hole marker as per Rule D4.
6. Abandon location and return same to near original condition.

(Received verbal approval from Mr. Menders on August 9, 1979.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: Aug. 20, 1979
BY: *[Signature]*

18. I hereby certify that the foregoing is true and correct

SIGNED *G. N. Buttram* TITLE Operations Manager Western Division DATE August 14, 1979

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

6

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

018

5. LEASE DESIGNATION AND SERIAL NO.
Utah ML 27507

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Gordon Creek

8. FARM OR LEASE NAME
"Gordon Creek Unit"

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T. R., M., OR BLOCK AND SURVEY OF AREA
Section 19, T. 14 S., R. 8 E., S.L.B. & M.

12. COUNTY OR PARISH
Carbon

13. STATE
Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
OXY PETROLEUM, INC.

3. ADDRESS OF OPERATOR
5000 Stockdale Highway, Bakersfield, California 93309

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1517' North and 1590' West from the Southeast Corner of Section 19, T. 14 S., R. 8 E., S.L.B. & M.
At top prod. interval reported below
At total depth

14. PERMIT NO. _____ DATE ISSUED _____

Date Abnd. _____

15. DATE SPUDDED 1-12-79 16. DATE T.D. REACHED 7-28-79 17. DATE COMPLETION (Ready to prod.) 8-12-79 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7494', K.B. 19. ELEV. CASING HEAD _____

20. TOTAL DEPTH, MD & TVD 11,781' 21. PLUG BACK TO MD & TVD Pg. 11,779-11,277' 22. IF MULTIPLE COMPL., HOW MANY* 10,406-9715' 23. INTERVALS DRILLED BY Rotary

24. PRODUCING INTERVAL(S), OF THIS COMPLETION, TOP, BOTTOM, NAME (MD AND TVD)* 8748-8465' 4492-4113' 186' to surface. 25. WAS DIRECTIONAL SURVEY MADE _____

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL-L, DI-SFL, FDC-CNL-GR, BHC-GR, RFT, CBL, Cyb., FIL 27. WAS WELL CORED Yes

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	Conductor	102'		Cemented to surface	
13-3/8"	68# & 72#	4,349'	17-1/2"	3198 sacks of cement	
9-5/8"	47#	10,200'	12-1/4"	2669 sacks of cement	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL (MD)	SIZE	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) _____ TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS
Well history and core descriptions

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
Operations Manager
SIGNED _____ TITLE Western Division DATE 11/27/79

RECEIVED
JAN 11 1980

DIVISION OF
OIL, GAS & MINING

OXY PETROLEUM, INC.

"Gordon Creek Unit" 1

Section 19, T. 14 S., R. 8 E., S.L.B. & M., Carbon County, Utah

Page 2

All measurements taken from K.B. which is 22' above ground (7494' K.B.).

1978

11/28 thru (True Drilling Company, Contractor)

1/11/1979 Prepared location. Dug rathole and mousehole. Set 20" conductor pipe at 102', K.B., and cemented to the surface. Moved in drilling equipment and rigged up. Tested B.O.P. equipment with 500 psi for 15 minutes, O.K.

1/12 Retested Hydril with 500 psi for 15 minutes, O.K. Spudded at 4:00 a.m. Drilled 17-1/2" hole to 168'. Installed Rocky Mountain Geo-Engineering Company Mud Logging Unit at 140'.

1/13 Drilled 17-1/2" hole from 168' to 199'. Pulled out. Changed bit. Ran in hole with 17-1/2" bit to 199' and drilled 17-1/2" hole from 199' to 219'.

1/14 Drilled 17-1/2" hole from 219' to 275'.

1/15 Drilled 17-1/2" hole from 275' to 335'.

1/16 Drilled 17-1/2" hole from 335' to 390'. Pulled out of hole; hole condition good. Worked on drawworks. Changed bit. Ran in hole with 17-1/2" bit to 390' and drilled 17-1/2" hole from 390' to 434'.

1/17 Drilled 17-1/2" hole from 434' to 500'. Circulated hole clean. Pulled out of hole. Rig shut down 6 hours to repair drawworks motors.

1/18 Rig shut down 17 hours to repair drawworks motors. Picked up second shock sub. Ran in hole with 17-1/2" bit to 500'. Drilled 17-1/2" hole from 500' to 524'.

1/19 Drilled 17-1/2" hole from 524' to 670'. Circulated.

1/20 Circulated. Pulled out. Changed bit. Ran in hole with 17-1/2" bit to 665' and cleaned out from 665' to 670'. Drilled 17-1/2" hole from 670' to 682'. Twisted off in crossover sub between top stabilizer and 10" drill collar. Pulled out of hole. Ran in hole with Bowen 11-3/4" overshot with 9-3/4" grapple and packoff and attempted to get over fish. Grapple was too small. Pulled out. Changed grapple. Ran in hole with 11-3/4" overshot dressed with 9-7/8" grapple and packoff, bumper sub and jars to top of fish. Worked over fish. Pulled fish loose. Pulled out of hole. Recovered all of the fish. Laid down fishing tools.

1/21 Ran in hole with 17-1/2" bit to 682'. Built up mud volume. Drilled 17-1/2" hole from 682' to 846'.

19791/22

Drilled 17-1/2" hole from 846' to 897'. Twisted off in drill pipe at 317'. Twisted off 3-1/2' down from box end. Measured out of hole; no correction in measurements. Ran in hole with 11-3/4" overshot dressed with 4-1/2" grapple and packoff and worked over top of fish at 317'. Latched onto fish. Pulled out of hole. Recovered all of the fish. Recovered a broken single of drill pipe. Laid down fishing tools. Ran in hole with 17-1/2" bit to 897' and drilled 17-1/2" hole from 897' to 920'. Lost pressure. Pulled out of hole and looked for washout. Laid down two washed out shock subs which were leaking fluid from internally. Picked up new shock sub. Ran in hole with 17-1/2" bit to 920' and drilled 17-1/2" hole from 920' to 922'. Lost circulation. Pumped in 200 barrels of lost circulation material; no circulation returns. Unable to keep hole full.

1/23

Built mud volume and pumped in 200 barrels of lost circulation material; no returns but hole fluid level stood at 50' to 70' below rotary table. Worked drill pipe at 500' and built mud volume with lost circulation material. (Hole fluid at 70'± from rotary table.) Pumped 100± barrels of lost circulation material into hole. Had no returns at the surface. Ran on in to 922' and drilled 17-1/2" hole from 922' to 934'. Had partial (50%) circulation returns for 5 minutes, then lost returns and drilled without circulation returns for 2-1/4 hours. Had partial (20%) returns at 934' for 10 minutes. Twisted off drill pipe. Lost 200# pump pressure. Pulled out of hole (three stands plus one twisted off joint of drill pipe). Top of fish at 359'. (Found joint of 4-1/2" drill pipe washed out horizontally for about 150° around pipe and twisted off clean at 25' below the tooljoint box.) Ran in hole with 11-3/4" overshot with 4-1/2" grapple on 4-1/2" drill pipe to 359'. Washed over and latched onto fish at 359'. Chain tonged out of hole. Recovered all of the fish. Laid down fishing tools.

1/24

Ran in hole with open-end 4-1/2" drill pipe and tagged bottom of hole at 934'. Pulled up to 933'.

Plug #1 (933-875'): With open-end 4-1/2" drill pipe hung at 933', pumped in 150 sacks of Class "H" cement with 3% calcium chloride and 1/4# per sack Flocele (16.2# per gallon slurry). Displaced cement with 56 cubic feet (10 barrels) of water. Cement in place at 11:53 a.m.

Pulled out of hole with 4-1/2" open-end drill pipe. Stood cemented 10-1/hours.

1/25

Ran in hole with 17-1/2" bit to 300' and circulated with full returns. Ran on in to 510' and circulated with full returns. Picked up 9 joints of 4-1/2" heavyweight drill pipe and ran on in hole to 779'. Circulated with full returns. Washed from 779' to 835' with full returns. Located top of cement plug at 875'. Drilled out firm cement from 875' to 934' with full returns. Drilled 17-1/2" hole from 934' to 980' with full returns.

- 1979
1/26 Drilled 17-1/2" hole from 980' to 1005'. Pulled out of hole. Rig shut down at 1:00 p.m. for rig repairs.
- 1/27 thru Rig shut down for rig repairs.
2/1
- 2/2 Picked up bit and shock sub #2. Staged in hole with 17-1/2" bit with 6 point reamer to 975'. Reamed and washed out fill from 975' to 1005'. Drilled 17-1/2" hole from 1005' to 1104' with full circulation returns.
- 2/3 Drilled 17-1/2" hole from 1104' to 1214'. Pulled out. Changed bit. Checked reamer and stabilizers. Ran in hole with 17-1/2" bit with 6-point reamer to 1204'. Reamed hole from 1204' to 1214'. Drilled 17-1/2" hole from 1214' to 1227'.
- 2/4 Drilled 17-1/2" hole from 1227' to 1317'. Lost circulation returns. Pumped in 100 barrels of lost circulation material and regained circulation. Circulated with full returns. Built mud volume. Unplugged bit. Drilled 17-1/2" hole from 1317' to 1437'. Had 20% to 100% circulation returns.
- 2/5 Drilled 17-1/2" hole from 1437' to 1507'. At 1503' had full circulation returns. Pulled out of hole. Changed bit and 6-point reamer. Checked shock subs, O.K. Ran in hole with 17-1/2" bit to 1387' and reamed hole from 1387' to 1507'. Drilled 17-1/2" hole from 1507' to 1519'.
- 2/6 Drilled 17-1/2" hole from 1519' to 1832'.
- 2/7 Drilled 17-1/2" hole from 1832' to 2005'. Circulated hole clean. Pulled out of hole. First three stands pulled tight. Cleaned mud tanks.
- 2/8 4 hours cleaned mud tanks. Changed bit. Ran in hole with 17-1/2" bit with 6-point reamer to 1855'. Washed and reamed hole from 1855' to 2005'. Drilled 17-1/2" hole from 2005' to 2142'.
- 2/9 Drilled 17-1/2" hole from 2142' to 2365'.
- 2/10 Drilled 17-1/2" hole from 2365' to 2445'. Circulated hole clean and cleaned mud tanks due to coarse screen. Pulled out of hole. Bottom three stands were tight. Worked through tight hole from 2445' to 2175'. Worked on pump and changed mud lines. Cleaned mud tanks. Changed bit. Closed and checked B.O.P. equipment. Commenced running in hole with 17-1/2" bit with 6-point reamer.

1979

- 2/11 Completed running in hole with 17-1/2" bit with 6-point reamer to 2325' and reamed hole from 2325' to 2445'. Drilled 17-1/2" hole from 2445' to 2593'.
- 2/12 3-1/4 hours down - rig repair. Replaced vibrator hose on mud pumps. Drilled 17-1/2" hole from 2593' to 2786'.
- 2/13 Drilled 17-1/2" hole from 2786' to 2885'. Circulated hole clean. Pulled out of hole (tight). (Picked up kelly and pumped out 15 singles from 2885' to 2390'.) Changed bit. Operated Hydril. Ran in hole with 17-1/2" bit with 6-point reamer to 2820'. Washed and reamed hole from 2820' to 2885'. Drilled 17-1/2" hole from 2885' to 2903'.
- 2/14 Drilled 17-1/2" hole from 2903' to 3100'. Commenced pulling out of hole.
- 2/15 Picked up kelly and pumped out 52 joints of drill pipe from 3100' to 980'. Had full returns with large amount of wall cake on shaker. Worked pipe and circulated hole clean at 900'. Had large amount of wall cake on shaker. Circulated hole clean and conditioned mud at 900'. Ran back in hole to 3044' and reamed hole from 3044' to 3100'. Drilled 17-1/2" hole from 3100' to 3142'. Circulated and conditioned mud. Made a 10-stand wiper run from 3142' to 2242'. (Pumped out first four singles.) Ran back in to 3142' and drilled 17-1/2" hole from 3142' to 3148'.
- 2/16 Drilled 17-1/2" hole from 3148' to 3200'. Circulated bottoms up. Pulled out of hole. Laid down 17-1/2" drilling assembly. Reduced 17-1/2" hole to 12-1/4" at 3200'. Commenced measuring in hole with 12-1/4" bit with 6-point reamer.
- 2/17 Completed measuring in hole with 12-1/4" bit with 6-point reamer to 3200', no correction in measurements. Drilled 12-1/4" hole from 3200' to 3263'. Circulated. Pulled out. Changed bit. Operated B.O.P. equipment. Ran in hole with 12-1/4" bit with 6-point reamer to 785' and built mud volume. Ran on in to 3200' and circulated and conditioned mud. Ran on in to 3263'. Had trouble getting into 12-1/4" hole. Drilled 12-1/4" hole from 3263' to 3269'.
- 2/18 Drilled 12-1/4" hole from 3269' to 3318'. Circulated bottoms up. Pulled out of hole. Changed bit. Ran in hole with 12-1/4" bit with 6-point reamer to 3318'. Drilled 12-1/4" hole from 3318' to 3348'.
- 2/19 Drilled 12-1/4" hole from 3348' to 3368'. Welded mud line. Circulated hole clean at 3368'. Pulled out of hole. Changed bit. Ran in hole with 12-1/4" bit with 6-point reamer to 3368', no fill. Drilled 12-1/4" hole from 3368' to 3377'.

1979

2/20

Drilled 12-1/4" hole from 3377' to 3529'.

2/21

Drilled 12-1/4" hole from 3529' to 3532'. Circulated and conditioned mud preparatory to running test. Made a short trip to 3200', no drag. Ran back in to 3200', no fill. Circulated and conditioned mud. Pulled out.

DST #1 (3270-3291') - MISRUN: Ran in hole with Lynes, Inc. tester on 4-1/2" drill pipe. Attempted to set packer without success. Tools failed to work.

Measured out of hole, no correction in measurements. Found "O" ring on mandrel between packer body and element would not seal on top packer. Checked tools and replaced charts.

DST #1A (3270-3291'): Ran in hole with Lynes, Inc. tester on 4-1/2" drill pipe. Tested all lines to 2500 psi. Pumped in 1213 psi nitrogen cushion. Set inflatable straddle packers at 3270' and 3291'. Opened tool at 10:55 p.m. for a 10-minute initial flow test. Closed tool at 11:05 p.m. for a 30-minute initial shut-in. Re-opened tool at 11:35 p.m. for a 5-3/4-hour flow period.

2/22

Bled off nitrogen cushion through 1/4" surface choke. Gas to surface in 43 minutes. Flowed through 1/4" bean 52.6 Mcf/D gas (22 psi flowing pressure) which increased to 68.1 Mcf/D (25 psi flowing pressure). Changed bean to 1/2" and well flowed 113 Mcf/D of gas (23 psi flowing pressure) which decreased to 54.3 Mcf/D (4 psi flowing pressure). Fluid surfaced at 5:05 a.m. and well died. Fluid was drilling fluid. Closed tool at 5:20 a.m. for a 5-hour final shut-in. Pulled tester out of the hole at 10:20 a.m. Found top of fluid at 2000' from surface. Total fluid recovered was 24 barrels of gas-cut drilling mud and gas-cut muddy water.

	<u>Outside Recorder</u>	<u>Outside Recorder</u>	<u>Outside Recorder</u>
Initial Hydrostatic Pressure	1502 psig	1490 psig	1516 psig
Initial Flowing Pressure-1st Flow	1333 psig	1310 psig	1341 psig
Final Flowing Pressure-1st Flow	1353 psig	1329 psig	1347 psig
Initial Shut-in Pressure	1327 psig	1304 psig	1341 psig
Initial Flowing Pressure-2nd Flow	378 psig	377 psig	389 psig
Final Flowing Pressure-2nd Flow	772 psig	762 psig	792 psig
Final Shut-in Pressure	891 psig	881 psig	915 psig
Final Hydrostatic Pressure	1473 psig	1460 psig	1509 psig

Bottom Hole Temperature

110°F

Laid down test tools. Ran in hole with 12-1/4" bit with 6-point reamer to 3472' and washed and reamed hole from 3472' to 3532'. Drilled 12-1/4" hole from 3532' to 3555'. Started losing mud at 3537'. Added lost circulation material and built up mud volume while drilling.

1979

2/23

Drilled 12-1/4" hole from 3555' to 3620'. (Mixed lost circulation material and built up mud volume.) Drilled 12-1/4" hole from 3620' to 3665'. Had full circulation returns.

2/24

Drilled 12-1/4" hole from 3665' to 3872'. Had full circulation returns.

2/25

Drilled 12-1/4" hole from 3872' to 4050'. Lost circulation. Built up mud volume. Drilled 12-1/4" hole from 4050' to 4071'.

2/26

Drilled 12-1/4" hole from 4071' to 4190'. Circulated. Made a short trip to 3200'. Had slight overpull. Ran back to 4071' and circulated hole clean. Spotted 232 barrels of clean mud in 12-1/4" hole.

2/27

Circulated and conditioned mud preparatory to running tester. Measured out of hole, no correction in measurements.

DST #2 (4074-4115') - MISRUN: Ran in hole with Lynes, Inc. tester on 4-1/2" drill pipe. Attempted to set inflatable straddle packers at 4074' and 4115' without success.

Pulled out of hole. Checked test tools. Replaced pump and added a 6' additional spacer.

DST #2A (4071-4118') - MISRUN: Ran in hole with Lynes, Inc. tester on 4-1/2" drill pipe. Pumped in 1300 psi nitrogen cushion. Set inflatable packers at 4071' and 4118'. Opened tool and PACKERS FAILED. Packer started sliding down the hole. Pushed or followed packers to the bottom. Deflated packers. Pulled up to 4071' and attempted to reset packers without success. Pulled out of hole. (It appeared pump did not work.)

2/28

Laid down test tools. Ran in hole with 12-1/4" bit with 6-point reamer to 4130'. Circulated and conditioned mud. Washed and reamed hole from 4130' to 4190', no fill. Circulated bottoms up. Drilled 12-1/4" hole from 4190' to 4289'. (Lost approximately 400 barrels of mud to formation during last 24 hours.)

3/1

Drilled 12-1/4" hole from 4289' to 4347'. Circulated and conditioned mud. Made a 15-stand wiper run to 3200'. Ran back to 4347' and circulated hole clean. Measured out of hole, no correction in measurements.

1979

3/2

Rigged up Schlumberger equipment.

Ran Schlumberger Dual Induction-SFL with Linear Correlation Log and Gamma Ray, recorded from 4319' to 110', Borehole Compensated Sonic Log with Gamma Ray and Caliper Log, recorded from 4284' to 102', Simultaneous Compensated Neutron-Formation Density with Gamma Ray and Caliper Log, recorded from 4330' to 3206', Four-Arm High Resolution Continuous Dipmeter, recorded from 4308' to 2290', and Directional Log, recorded from 4308' to 2290'. Prepared Schlumberger Cyberlook Computer Processed Log, recorded from 4330' to 3206'. (Schlumberger's measurements)

Attempted to run Schlumberger Proximity Microlog but tool failed. Unable to repair on location. Rigged down Schlumberger equipment. Cleaned mud pits and built up mud volume.

3/3

Ran in hole with 12-1/4" bit with 6-point reamer to 4347', no fill. Circulated and conditioned mud. Measured out of hole, no correction in measurements.

DST #3 (4050-4100'): Ran in hole with Lynes, Inc. tester on 4-1/2" drill pipe. Set inflatable straddle packers at 4050' and 4100'. Weight tested packers and pressured test lines and manifold at 2500 psi, O.K. Shot fluid level (drill pipe dry). Pumped in 1250 psi nitrogen cushion. Opened tool at 10:33 p.m. for a 15-minute initial flow. Bled nitrogen to 575 psi in 13 minutes through 1/4" and 1/2" chokes. Had 460' net fluid rise. Closed tool at 10:48 p.m. for 40-minute initial shut-in. Re-opened tool at 11:28 p.m. for 121-minute flow period.

3/4

Bled nitrogen to 0 psi at 12:02 a.m. No gas to surface. Had a total fluid rise of 3633' in 80 minutes. Well dead at 12:48 a.m. A check for gas was taken every 5 minutes; no gas observed throughout test. Closed tool at 1:29 a.m. for a 363-minute final shut-in. Pulled tester loose at 7:32 a.m. Pulled out of hole. Recovered 3633' of drilling mud (in bottom of tool) plus 10' of sand and shale on top of test tool (50% sand: medium to coarse grained, loosely cemented; and 50% shale: dark gray). Charts indicated tool was completely plugged. Charts also indicated that most of the mud was recovered before the packers were set, possibly while spudding tools.

Laid down test tools. Laid down 12-1/4" drilling assembly.

1979

- 3/5 Measured in hole with 17-1/2" hole opener with 6-point reamer and laid down 30 joints of drill pipe. Ran in to 1630' and broke circulation. Ran on in to 2400' and broke circulation. Ran in to 3200' and broke circulation. Opened 12-1/4" hole to 17-1/2" from 3200' to 3290'. Had partial returns (80±%).
- 3/6 Opened 12-1/4" hole to 17-1/2" from 3290' to 3299'. Had partial returns (80±%). Pulled out of hole. Changed hole opener. Ran in hole with 17-1/2" hole opener with 6-point reamer to 3299' and opened 12-1/4" hole to 17-1/2" from 3299' to 3360'.
- 3/7 Opened 12-1/4" hole to 17-1/2" from 3360' to 3363'. Measured out of hole, no correction in measurements. Changed hole opener. Ran in hole with 17-1/2" hole opener with 6-point reamer to 3363'. Opened 12-1/4" hole to 17-1/2" from 3363' to 3439'.
- 3/8 Opened 12-1/4" hole to 17-1/2" from 3439' to 3451'. Pulled out. Changed hole opener. Ran in hole with 17-1/2" hole opener with 6-point reamer to 3451'. Opened 12-1/4" hole to 17-1/2" from 3451' to 3511'.
- 3/9 Opened 12-1/4" hole to 17-1/2" from 3511' to 3513'. Pulled out. Changed hole opener and reamer. Ran in hole with 17-1/2" bit with 6-point reamer to 3513'. Opened 12-1/4" hole to 17-1/2" from 3513' to 3602'.
- 3/10 Opened 12-1/4" hole to 17-1/2" from 3602' to 3613'. Pulled out of hole. Lost hole opener, crossover, 6-point reamer and shock sub in the hole. Top of fish at 3586'. Ran in hole with overshot with 9" basket grapple to top of fish. Circulated and worked fish. Pulled out of hole with fish. Left 6-point reamer cutter assembly in the hole. Laid down fish and tools.
- 3/11 Measured in hole with 17-1/2" hole opener with 6-point reamer and found 24' error in measurements. CORRECTED DEPTH FROM 3613' TO 3637'. Opened 12-1/4" hole to 17-1/2" from 3637' to 3693'.
- 3/12 Opened 12-1/4" hole to 17-1/2" from 3693' to 3696'. Backed off drill pipe at 292'. Ran in hole with overshot with 6" basket grapple and engaged fish. Pulled out of hole. Recovered 30 stands of drill pipe, 9 joints of heavyweight drill pipe, crossover and one 7" drill collar. Top of fish at 3192'. Left in hole: 17-1/2" hole opener, bit sub, 6-point reamer, shock sub, one 10" drill collar, stabilizer, five 10" drill collars, crossover, six 7" drill collars, jars, and two 7" drill collars (505.32' length). Ran in hole with overshot with 7" basket grapple and worked over fish. Pulled out of hole. Recovered all of the fish. Laid down one 7" drill collar and shock sub. Ran in hole with 17-1/2" hole opener with 6-point reamer to 3696'. Tightened all joints on the bottom hole assembly. Opened 12-1/4" hole to 17-1/2" from 3696' to 3701'.

19793/13

Opened 12-1/4" hole to 17-1/2" from 3701' to 3967'.

3/14

Opened 12-1/4" hole to 17-1/2" from 3967' to 4036'. Pulled out of hole. Five stands pulled tight. Changed hole opener. Ran in hole with 17-1/2" hole opener with 6-point reamer to 3976'. Reamed hole from 3976' to 4036'. Opened 12-1/4" hole to 17-1/2" from 4036' to 4041'. Hole opener was running on iron. Pulled out.

3/15

Ran in hole with 11-3/4" Globe junk basket to 4041'. Washed and milled on junk from 4041' to 4100'. Circulated and built up mud volume. Pulled out of hole with junk basket. Recovered full roller, pin and one block (4" long x 3" wide x 2-1/2" thick) from 6-point reamer. Ran in hole with 11-3/4" Globe junk basket to 4100' and washed and reamed from 4100' to 4214'.

3/16

Washed and reamed from 4214' to 4347' with 11-3/4" junk basket. Reamed through several bridges. Cored 11-3/4" hole with junk basket from 4347' to 4349'. Measured out of hole, no correction in measurements. Recovered block from 6-point reamer. Laid down junk basket. Ran in hole with 17-1/2" bit with 6-point reamer to 4041'. Opened 12-1/4" hole to 17-1/2" from 4041' to 4056'. Worked pipe in tight hole from 4056' to 4041'. Attempted to open hole at 4056' and twisted off.

3/17

Measured out of hole. Top of fish at 3928'. Left in hole: bit, sub, 6-point reamer, crossover, shock sub, one 10" drill collar, stabilizer, three 10" drill collars (parted box of top drill collar). Length: 128.31'. Ran in hole with 11-3/4" overshot with 10" grapple and mill control, six 7" drill collars, jars and bumper sub to top of fish. Worked over fish. Chain tonged out of hole. Recovered all of the fish. Laid down 10" drill collars and fishing tools. Ran in hole with 17-1/2" bit with 6-point reamer to 4030'. Reamed tight hole from 4030' to 4056'. Opened 12-1/4" hole to 17-1/2" from 4056' to 4096'.

3/18

Opened 12-1/4" hole to 17-1/2" from 4096' to 4116'. Circulated. Pulled out. Changed bit and 6-point reamer. Ran in hole with 17-1/2" bit with reamer to 4116'.

3/19

Opened 12-1/4" hole to 17-1/2" from 4116' to 4259'.

3/20

Opened 12-1/4" hole to 17-1/2" from 4259' to 4315'. Circulated.

3/21

Measured out of hole, no correction in measurements. Hole condition good. Changed bit. Ran in hole with 17-1/2" bit with 6-point reamer to 4315'. Opened 12-1/4" hole to 17-1/2" from 4315' to 4349'.

1979

3/22

Circulated and conditioned mud and hole. Measured out of hole, no correction in measurements. Laid down 17-1/2" bottom hole assembly. Ran in hole with 17-1/2" bit, monel drill collar, and 17-1/2" stabilizer to 4349'. Ran Eastman multishot directional survey while going in hole and retrieved same on wireline. Circulated and built up mud volume. Circulated and conditioned mud preparatory to running casing. Pulled out of hole.

3/23

Ran 107 joints, 4352.35' on hook, of 13-3/8" 72# and 68#, N-80 and K-55, new, seamless, buttress thread casing with Halliburton differential fill shoe at 4349', Halliburton differential fill collar at 4267.58', Halliburton multiple stage cementing collar at 1991.86', Halliburton cement basket at 2000' and 25 centralizers--one each at 4339', 4309', 4278', 4253', 4230', 4192', 4154', 4115', 4077', 4038', 3997', 3960', 3922', 3882', 3845', 2171', 2127', 2084', 2038', 1992', 1950', 1905', 1860', 1818', and 1775'.

Joints	Description	From	To	Footage
	13-3/8" buttress thread box Halliburton differential fill shoe with 75 psi spring #847-2114	4349.00'	4346.20'	2.80'
2	13-3/8" 72#, N-80, new, seamless, buttress thread casing	4346.20'	4269.72'	76.48'
	13-3/8" buttress thread, Halliburton differential fill collar with 75 psi spring	4269.72'	4267.58'	2.14'
47	13-3/8" 72#, N-80, new, seamless, buttress thread casing	4267.58'	2468.48'	1799.10'
11	13-3/8" 68#, K-55, new, seamless, buttress thread casing	2468.48'	1995.14'	473.34'
	13-3/8" buttress thread, Halliburton multiple stage cementing collar	1995.14'	1991.86'	3.28'
44	13-3/8" 68#, K-55, new, seamless, buttress thread casing	1991.86'	113.12'	1878.74'
3	13-3/8" 72#, N-80, new, seamless, buttress thread casing	113.12'	+3.35'	116.47'
107	Total Run			4352.35'
	Feet Above K.B.			3.35'
	Landing Point			4349.00'

(Halliburton cement basket at 2000'.) (Note: Float shoe, float collar, first three collars and D.V. tool were made up with Baker-Lok. The first three casing collars were made up and tack welded. The rest of the string was made up with A.P.I. modified thread dope.)

(Continued)

OXY PETROLEUM, INC.

"Gordon Creek Unit" 1

Section 19, T. 14 S., R. 8 E., S.L.B. & M., Carbon County, Utah

Page 12

1979

3/23

(Continued)

Tagged bottom at 4349' and circulated hole clean.

First Stage: Pumped in 1380 sacks of Halliburton light cement with 10 pounds per sack Gilsonite, 1/4 pound per sack Flocele and 3% calcium chloride (12.1# per gallon slurry) followed by 300 sacks of Class "H" cement with 1/4 pound per sack Flocele and 2% calcium chloride (15.8# per gallon slurry). Displaced cement with 4106 cubic feet of mud (15% excess). Bumped plug with 2000 psi. While mixing and displacing had 80% to 100% good mud returns. Cement in place at 5:35 p.m.

Dropped free fall bomb and opened stage collar. Circulated through stage collar. Circulated 300 barrels with full returns and trace of cement and Gilsonite. Stood cemented 3 hours.

3/24

Stood cemented 1-1/2 hours.

Second Stage: Pumped in 1198 sacks of Halliburton light cement with 10 pounds per sack Gilsonite, 1/4 pound per sack Flocele and 3% calcium chloride (12.1# per gallon slurry) followed by 200 sacks of Class "H" cement with 1/4 pound per sack Flocele and 2% calcium chloride (15.8# per gallon slurry). Released shutoff plug and displaced cement with 1828 cubic feet of mud (7% excess). Closed stage collar with 1500 psi. Cement in place at 2:00 a.m. Had 90± barrels of good cement returns to the surface.

Stood cemented 4-3/4 hours. Cement fell in annulus 150±'. Stood cemented 9 hours. Cleaned mud pits and worked on location.

Top Job on 13-3/8" Casing: Pumped in 120 sacks of Class "H" cement with 3% calcium chloride in the 20" x 13-3/8" annulus until cement returns were at the surface. Cement did not fall. Cement in place at 4:15 p.m.

Rigged down Halliburton equipment. Removed 20" B.O.P. equipment. Cut off 20" conductor and 13-3/8" casing. Casing cut 2' below ground level.

3/25

Installed and welded Gray 12" 900 Series casing head 1' below ground level. Pressure tested weld to 2000 psi, held O.K. Commenced installing 13-3/8" B.O.P. equipment.

1979

3/26

Completed installing 13-3/8" B.O.P. equipment. Rigged up Yellow Jacket Testers. Tested pipe and blind rams, choke line, choke manifold, mud cross and kelly cock with 3000 psi, O.K. Tested annular with 1500 psi, held O.K. Rigged down Yellow Jacket Tester. Laid down five 10" drill collars.

3/27

Ran in with 33 joints of 4-1/2" 16.60#, Grade "E" drill pipe and laid same down. Ran in hole 10 stands at a time X-95 drill pipe and laid down a total of 64 joints. Measured and calipered 8" and 7" drill collars. Commenced measuring in hole with 12-1/4" bit on 4-1/2" 16.60#, Grade "E" drill pipe.

3/28

Completed measuring in hole with 12-1/4" bit on 4-1/2" 16.60#, Grade "E" drill pipe to top of D.V. collar at 1991.86'. Drilled out D.V. collar from 1992' to 1995'. Measured on in hole to top of float collar at 4267.58'. Pressure tested casing to 2000 psi for 20 minutes, O.K. Drilled out float collar, cement and shoe from 4268' to 4349'. Drilled 12-1/4" hole from 4349' to 4355'. Performed leakoff test: 13.9# per gallon mud equivalent. Drilled 12-1/4" hole from 4355' to 4363'.

3/29

Drilled 12-1/4" hole from 4363' to 4391'. Measured out of hole, no correction in measurements. Changed bit.

3/30

Ran in hole with 12-1/4" bit with 6-point reamer to 4391'. Drilled 12-1/4" hole from 4391' to 4439'.

3/31

Drilled 12-1/4" hole from 4439' to 4552'.

4/1

Drilled 12-1/4" hole from 4552' to 4664'.

4/2

Drilled 12-1/4" hole from 4664' to 4711'. Circulated bottoms up. Pulled out of hole. Changed bit. Ran in hole with 12-1/4" bit with 6-point reamer to 4711'. Drilled 12-1/4" hole from 4711' to 4740'.

4/3

Drilled 12-1/4" hole from 4740' to 4833'. Made up air head. Circulated and aerated mud. Drilled 12-1/4" hole with aerated mud from 4833' to 4877'.

4/4

Drilled 12-1/4" hole with aerated mud from 4877' to 5078'.

4/5

Drilled 12-1/4" hole with aerated mud from 5078' to 5117'. Circulated. Loaded hole with mud. Pulled out of hole. Changed bit. Operated B.O.P. equipment. Picked up new shock sub. Ran in hole with 12-1/4" bit with 6-point reamer to 5117'. Drilled 12-1/4" hole with aerated mud from 5117' to 5191'. Took survey at 5191' and wireline broke when pulling survey out of hole. Pulled out of hole 10 stands and found wireline. Pulled survey out of hole.

1979

- 4/6 Ran back in hole 10 stands and broke circulation. Drilled 12-1/4" hole with aerated mud from 5191' to 5295'.
- 4/7 Drilled 12-1/4" hole with aerated mud from 5295' to 5413'.
- 4/8 Drilled 12-1/4" hole with aerated mud from 5413' to 5433'. Circulated and loaded drill pipe with mud. Pulled to shoe of 13-3/8" casing. Replaced washpipe and repacked swivel. Circulated. Ran back in hole with 12-1/4" bit with 6-point reamer to 5400'. Reamed out fill from 5400' to 5433'. Drilled 12-1/4" hole with aerated mud from 5433' to 5511'.
- 4/9 Drilled 12-1/4" hole with aerated mud from 5511' to 5539'. Circulated. Broke circulation and aerated mud. Drilled 12-1/4" hole with aerated mud from 5539' to 5627'.
- 4/10 Drilled 12-1/4" hole with aerated mud from 5627' to 5630'. Circulated. Loaded hole with mud. Pulled out of hole, filling hole every 10 stands. Changed bit. Operated B.O.P. equipment. Changed 6-point reamer. Ran in hole with 12-1/4" bit with 6-point reamer to 5605'. Circulated and aerated mud. Washed and reamed out fill from 5605' to 5630'. Drilled 12-1/4" hole with aerated mud from 5630' to 5668'.
- 4/11 Drilled 12-1/4" hole with aerated mud from 5668' to 5699'. Circulated. Aerated mud. Drilled 12-1/4" hole with aerated mud from 5699' to 5793'. Reamed tight hole from 5763' to 5793'. Circulated and conditioned mud. Drilled 12-1/4" hole with aerated mud from 5793' to 5832'.
- 4/12 Drilled 12-1/4" hole with aerated mud from 5832' to 5999'.
- 4/13 Drilled 12-1/4" hole with aerated mud from 5999' to 6015'. Circulated at 6015' to re-aerate mud. Drilled 12-1/4" hole with aerated mud from 6015' to 6139'.
- 4/14 Drilled 12-1/4" hole with aerated mud from 6139' to 6180'. Lost 20,000# of bottom hole assembly weight. Loaded hole with mud. Commenced pulling out of hole. Unable to fill hole with mud. Hole took mud. Pumped in gel slug. Measured out of hole, no correction in measurements. Found twist off on top of top 8" drill collar. Pin of crossover sub had twisted off leaving dutchman in drill collar box. Total fish in hole: 221.67' - Bit, float sub, 6-point reamer, second shock sub, stabilizer, one 8" drill collar, stabilizer, two 8" drill collars, stabilizer and three 8" drill collars. Top of fish at 5958'. Ran in hole with Bowen overshot with 7-7/8" basket grapple and Bowen bumper sub to top of fish at 5958'. Latched onto fish and pulled fish free with 80,000# overpull. Circulated. Had full circulation returns. Commenced pulling out of hole slowly.

1979

4/15

Completed pulling out of hole slowly. Laid down fishing tools. Recovered all of the fish. Laid down 8" drill collar with dutchman in the box end. Replaced float valve. Magnafluxed float sub and 6-point reamer. Changed shock subs. Ran in hole with 12-1/4" bit with 6-point reamer to 5000'. Broke circulation and conditioned mud at 5000'. Had full returns. Ran on in to 6145' and circulated with aerated mud at 6145'. Washed and reamed hole from 6145' to 6180'. Had some fill and slightly tight hole. Drilled 12-1/4" hole with aerated mud from 6180' to 6193'.

4/16

Drilled 12-1/4" hole with aerated mud from 6193' to 6305'.

4/17

Drilled 12-1/4" hole with aerated mud from 6305' to 6380'. Twisted off and lost 60,000# of bottom hole assembly weight. Loaded hole with mud. Measured out of hole, no correction in measurements. Found twist off on box end of 5" H-90 on first 7" drill collar above the Daily jars. Top of fish at 5810'. Length of fish: 570.02'. Pin of 7" drill collar had twisted off, leaving dutchman in the next drill collar box. Laid down one 7" drill collar with pin twisted off. Ran in hole with 11-3/4" overshot with 7" basket grapple and bumper sub and hit bridge at 5159'. Washed through bridge with overshot. Ran on in hole to top of fish at 5810'. Circulated. Latched onto fish and pulled fish free with 100,000# overpull. Commenced pulling out of hole slowly (wet pipe).

4/18

Completed pulling out of hole slowly (wet pipe). Laid down 7" drill collar with dutchman and fishing tools. Recovered all of the fish. Ran in hole with 12-1/4" bit with 6-point reamer to 6330'. Broke circulation at 6330'. Washed and reamed hole from 6330' to 6380'. Drilled 12-1/4" hole with aerated mud from 6380' to 6426'.

4/19

Drilled 12-1/4" hole with aerated mud from 6426' to 6569'.

4/20

Drilled 12-1/4" hole with aerated mud from 6569' to 6694'.

4/21

Drilled 12-1/4" hole with aerated mud from 6694' to 6711'. Circulated and loaded drill pipe with mud. Drilled 12-1/4" hole with aerated mud from 6711' to 6787'. Dropped carbide and circulated hole clean with aerated mud. Circulated and loaded hole with mud. Commenced pulling out of hole.

4/22

Completed pulling out of hole. Changed bit. Checked B.O.P. equipment. Changed 6-point reamer and second shock sub. Ran in hole with 12-1/4" bit with 6-point reamer to 6600'. Reamed hole from 6600' to 6787' while aerating mud. Drilled 12-1/4" hole with aerated mud from 6787' to 6867'.

1979

- 4/23 Drilled 12-1/4" hole with aerated mud from 6867' to 6964'. Circulated and loaded hole with mud. Commenced pulling out of hole.
- 4/24 Completed pulling out of hole. Changed bit. Operated B.O.P. equipment. Picked up junk sub. Ran in hole with 12-1/4" bit with 6-point reamer and junk sub to 6800'. Circulated and conditioned mud. Reamed hole from 6800' to 6964'. Washed and worked junk sub at 6964'. Drilled 12-1/4" hole with aerated mud from 6964' to 7020'.
- 4/25 Drilled 12-1/4" hole with aerated mud from 7020' to 7123'. Circulated and took survey. Had problem with wireline while pulling survey out of hole. Washed and worked junk sub. Drilled 12-1/4" hole with aerated mud from 7123' to 7134'.
- 4/26 Drilled 12-1/4" hole with aerated mud from 7134' to 7255'.
- 4/27 Drilled 12-1/4" hole with aerated mud from 7255' to 7390'.
- 4/28 Drilled 12-1/4" hole with aerated mud from 7390' to 7567'.
- 4/29 Drilled 12-1/4" hole with aerated mud from 7567' to 7659'. Dropped carbide. Circulated bottoms up. Loaded hole with mud. Measured out of hole; found measurements 8' short but made no correction. Rigged up Yellow Jacket Testers.
- 4/30 Tested pipe and blind rams, all kill and choke lines and choke manifold to 3000 psi, O.K. Tested Hydril to 1500 psi, O.K. Rigged down Yellow Jacket Testers. Changed bit. Ran in hole with 12-1/4" bit with 6-point reamer and junk sub to 6435'. Washed through bridge from 6435' to 6600'. Ran on in hole to 7629'. Washed and reamed hole from 7629' to 7659'. Drilled 12-1/4" hole with aerated mud from 7659' to 7761'.
- 5/1 Drilled 12-1/4" hole with aerated mud from 7761' to 7812'. Had uncontrolled flow at shaker. Closed well in on choke. Closed in choke pressure 210 psi. Circulated out air bubble through choke. Worked pipe at all times. Circulated out "kick". Had no gas, mostly salt water. Well dead at 2:30 a.m. Drilled 12-1/4" hole with aerated mud from 7812' to 7979'. Loaded hole with mud for wiper run. Wiped hole to shoe of 13-3/8" casing, no drag. Commenced running back in hole.
- 5/2 Completed running back in hole to 7969' and washed from 7969' to 7979'. Drilled 12-1/4" hole with aerated mud from 7979' to 8112'. Circulated bottoms up. Drilled 12-1/4" hole with aerated mud from 8112' to 8135'.

1979

- 5/3 Drilled 12-1/4" hole with aerated mud from 8135' to 8260'. Circulated. Ran survey instrument to 6000'. Pipe was sticking. Pulled out of hole with survey instrument. Worked pipe free. Reamed hole from 8240' to 8260'. Drilled 12-1/4" hole with aerated mud from 8260' to 8272'. Circulated bottoms up. Dropped carbide.
- 5/4 Circulated and conditioned mud. Circulated carbide out. Measured out of hole, no correction in measurements. Changed bit and 6-point reamer. Ran in hole with 12-1/4" bit with 6-point reamer and junk sub to 4349'. Replaced washed out union on standpipe. Ran on in to 8222' and broke circulation. Washed and reamed hole from 8222' to 8272'. Drilled 12-1/4" hole with aerated mud from 8272' to 8304'.
- 5/5 Drilled 12-1/4" hole with aerated mud from 8304' to 8415'.
- 5/6 Drilled 12-1/4" hole with aerated mud from 8415' to 8460'. Circulated bottoms up. Lost a total of 300 barrels of mud but did not add any lost circulation material. Pulled out of hole. Changed bit. Checked B.O.P. equipment. Picked up new shock sub. Ran in hole with 12-1/4" bit with 6-point reamer and junk sub to 4349'. Circulated and cut mud weight to 8.9# to 9.0# per gallon. Ran on in to 6000'.
- 5/7 Circulated and conditioned mud. Cut mud weight from 9.2# to 9.0# per gallon. Ran on in to 8410' and washed and reamed hole from 8410' to 8460'; had 50' of soft fill. Drilled 12-1/4" hole from 8460' to 8524'. Dropped carbide and circulated bottoms up. Commenced pulling out of hole.
- 5/8 Completed pulling out of hole. Hole condition good. Changed shock sub and 6-point reamer. Ran in hole with 12-1/4" bit with 6-point reamer and junk sub to 8474'. Washed and reamed hole from 8474' to 8524'. Drilled 12-1/4" hole from 8524' to 8583'. Hole took 500 barrels of mud. Spotted 100-barrel pill mixed with 40 pounds per barrel fine, medium and coarse lost circulation material on bottom at 8583'. Waited one hour with pill on bottom. Circulated with full returns. Drilled 12-1/4" hole from 8583' to 8588'.
- 5/9 Drilled 12-1/4" hole from 8588' to 8703'. Circulated and conditioned mud, no gas and no mud loss. Made a 30-stand wiper run to 5700', no drag. Ran back in to 8703', no fill. Circulated and conditioned mud preparatory to running tester. Commenced measuring out of hole.
- 5/10 Completed measuring out of hole. Found 4' error in measurements but did not correct.

(Continued)

1979

5/10

(Continued)

DST #4 (8550-8703'): Ran in hole with Halliburton tester on 4-1/2" drill pipe. Tested manifold and test lines to 2500 psi with nitrogen, O.K. Pressured drill pipe with nitrogen to 2000 psig. Set packers at 8542' and 8550'. Opened tools to nitrogen pressure at 1:08 p.m. Annular fluid began to fall slowly within 2 minutes and continued to fall throughout the test. Shut in tools for a 1-hour buildup at 1:39 p.m. Re-opened tools at 2:39 p.m. and bled off nitrogen cushion slowly. Traced a liquid entry to the surface at 3:57 p.m. with sonic equipment at which time drilling mud was turned to the sump at zero pressure. Pulled packer loose at 4:02 p.m. The drill pipe then began to unload gas and mud to the sump at a steadily increasing rate. Turned flow to separator and observed a gas gravity of 1.48 and an estimated maximum gas rate of 2000 Mcf/day (decreased to zero in 20 minutes). Gas assumed to be carbon dioxide. Final liquid level in drill pipe measured at 1428' from surface.

	Inside Recorder (8523')	Inside Recorder (8527')	Outside Recorder (8700')
Initial Hydrostatic Pressure	4011.0 psig	4024.0 psig	4109.5 psig
Initial Flowing Pressure-1st Flow	3024.1 psig	3022.1 psig	3120.0 psig
Final Flowing Pressure-1st Flow	3319.6 psig	3323.3 psig	3406.7 psig
Initial Shut-in Pressure	Clock	3634.5 psig	3699.7 psig
	stopped		
Initial Flowing Pressure-2nd Flow	2150.5 psig	2104.4 psig	2260.8 psig
Final Flowing Pressure-2nd Flow	3622.6 psig	3690.7 psig	3655.2 psig
Final Hydrostatic Pressure	4011.0 psig	4024.0 psig	4109.5 psig
Recorded Temperature		150°F (8696')	

5/11

Laid down test tools. Ran in hole with 12-1/4" bit with 6-point reamer and junk sub to 8548'. Washed and reamed hole from 8548' to 8703'. Circulated and conditioned mud. Lost 120± barrels of mud while circulating. Mixed and pumped in lost circulation material. Regained full returns. Shook lost circulation material out of mud. Had no mud loss in the last three hours of circulating. Pulled out of hole.

5/12

Rigged up Schlumberger equipment. Ran Schlumberger Dual Induction-Laterolog with Caliper and tool was unable to get below 8137'. Pulled out. Rigged down Schlumberger equipment. Ran in hole with 12-1/4" bit with 6-point reamer and junk sub and located bridge at 8203'. Cleaned out bridge and ran to 8701'. Cleaned out 2' of hard fill to 8703'. Circulated and conditioned mud preparatory to running logs. Made a 15-stand wiper run, hole O.K. Ran back to 8703' and circulated and conditioned mud. Pulled out of hole. Rigged up Schlumberger equipment.

(Continued)

1979

5/12

(Continued)

Ran Schlumberger Dual Induction-Laterolog with Linear Correlation Log and recorded from 8696' to 4351' (Schlumberger's measurements).

5/13

Ran Schlumberger Borehole Compensated Sonic Log with Gamma Ray and Caliper Log and recorded from 8701' to 4351' (Schlumberger's measurements).

Rigged down Schlumberger equipment. Ran in hole with 12-1/4" bit with 6-point reamer and junk sub to 8643'. Washed and reamed hole from 8643' to 8703'. Circulated and conditioned mud. Made a 15-stand wiper run, hole O.K. Ran back to 8703' and circulated and conditioned preparatory to running tester. Commenced pulling out of hole.

5/14

Completed pulling out of hole.

DST #5 (8448-8703') - MISRUN: Ran Halliburton tester on 4-1/2" drill pipe. Tested head and manifold to 2500 psi. Pumped in 2000 psi nitrogen cushion in drill pipe. Set packers at 8440' and 8448'. Opened tool at 10:26 a.m. for initial flow and had IMMEDIATE PACKER FAILURE. Closed tool. Bled off nitrogen and pulled tool loose. Pulled out of hole with test tools. Recovered 1900'± of drilling mud. Had no indications of carbon dioxide or salt water.

Laid down test tools. Commenced running in hole with 12-1/4" bit with 6-point reamer and junk sub.

5/15

Completed running in hole with 12-1/4" bit with 6-point reamer and junk sub to 7669' and aerated mud. Circulated. Ran on in to 8697' and washed and reamed hole from 8697' to 8703'. Circulated and aerated mud. Drilled 12-1/4" hole with aerated mud from 8703' to 8777'. Loaded hole with mud. Commenced pulling out of hole.

5/16

Completed pulling out of hole. Changed bit. Rigged up Yellow Jacket Testers. Tested pipe and blind rams, choke manifold and lines, kelly cock, standpipe and safety valve at 3000 psi, O.K. Tested Hydril at 1500 psi, O.K. Rigged down Yellow Jacket Testers. Ran in hole with 12-1/4" bit with 6-point reamer and junk sub to 7803' and filled pipe. Ran in to 8742' and washed and reamed hole from 8742' to 8777'. Drilled 12-1/4" hole with aerated mud from 8777' to 8821'.

5/17

Drilled 12-1/4" hole with aerated mud from 8821' to 8926'.

5/18

Drilled 12-1/4" hole with aerated mud from 8926' to 8933'. Dropped carbide and loaded hole with mud. While circulating, lost circulation returns. Pumped in lost circulation material and built mud volume. Pulled out of hole. Changed bit, 6-point reamer, near bit stabilizer and string stabilizer. Ran in hole with 12-1/4" bit with 6-point reamer and junk sub to 6700' and hit bridge. Washed and reamed out bridge from 6700' to 6715'. Ran on in hole to 8729'.

1979

- 5/19 Washed and reamed hole from 8729' to 8933' while aerating mud. Drilled 12-1/4" hole with aerated mud from 8933' to 8983'. (Shook lost circulation material out of mud.)
- 5/20 Drilled 12-1/4" hole with aerated mud from 8983' to 8990'. Dropped carbide. Loaded hole with mud. Hole took small amount of mud. Pulled out of hole. Had tight hole from 8830' to 8700'. Changed bit. Ran in hole with 12-1/4" bit with 6-point reamer and junk sub to 8990'. Drilled 12-1/4" hole with aerated mud from 8990' to 9022'.
- 5/21 Drilled 12-1/4" hole with aerated mud from 9022' to 9114'. Loaded hole with mud.
- 5/22 Loaded hole with mud. Had 90% circulation returns. Pulled 6 stands out of hole and mud dropped in annulus. Unable to fill hole. Spotted lost circulation material pill on bottom and let stand. Filled hole. Pulled out of hole. Changed bit. Operated B.O.P. equipment. Ran in hole with 12-1/4" bit with 6-point reamer and junk sub to 9074'. Washed and reamed hole from 9074' to 9114'. Drilled 12-1/4" hole with aerated mud from 9114' to 9146'.
- 5/23 Drilled 12-1/4" hole with aerated mud from 9146' to 9228'.
- 5/24 Drilled 12-1/4" hole with aerated mud from 9228' to 9277'. Dropped carbide and loaded hole with mud. Lost circulation returns. Spotted 150-barrel lost circulation material pill (30 pounds per barrel of lost circulation material) on bottom. Let stand on bottom 1 hour and filled hole from annulus.
- 5/25 Commenced measuring out of hole. Had tight hole. Pumped one single out of hole and pipe came free. Had full returns. Completed measuring out of hole, no correction in measurements. Changed bit. Checked B.O.P. equipment. Changed 6-point reamer and shock sub. Ran in hole slowly with 12-1/4" bit with 6-point reamer and junk sub to 9152' and washed and reamed hole from 9152' to 9277'. Drilled 12-1/4" hole with aerated mud from 9277' to 9280'.
- 5/26 Drilled 12-1/4" hole with aerated mud from 9280' to 9301'. Unable to make bit drill during the last two hours of drilling because of high torque. Dropped carbide and loaded hole with mud. Pulled out of hole with full circulation returns. Changed bit. Checked B.O.P. equipment. Ran in hole with 12-1/4" bit with 6-point reamer and junk sub to 9250'. Washed and reamed hole from 9250' to 9301'. Drilled 12-1/4" hole with aerated mud from 9301' to 9322'.

1979

5/27

Drilled 12-1/4" hole with aerated mud from 9322' to 9425'. Unable to keep bit on bottom due to high torque. Dropped carbide and loaded hole with mud. Spotted 80-barrel lost circulation material pill on bottom. Had full circulation returns.

5/28

Pulled out of hole. Changed bit. Serviced junk sub. Ran in hole with 12-1/4" bit with 6-point reamer and junk sub to 9345'. Washed and reamed hole from 9345' to 9425'. Drilled 12-1/4" hole with aerated mud from 9425' to 9443'. Hole started taking mud. Pumped in 75-barrel lost circulation pill with 30 pounds per barrel of fine and medium lost circulation material. Circulated. Had tight hole at 9443'.

5/29

Drilled 12-1/4" hole with aerated mud from 9443' to 9466'. Pulled out of hole two stands and repaired mud line. Ran back in hole to 9435'. Washed and reamed hole from 9435' to 9466'. Drilled 12-1/4" hole with aerated mud from 9466' to 9481'.

5/30

Drilled 12-1/4" hole with aerated mud from 9481' to 9487'. Lost circulation. Mixed 180 barrels of lost circulation material and spotted on bottom. Regained circulation. Had 100% returns. Built mud volume. Drilled 12-1/4" hole with aerated mud from 9487' to 9491'. Dropped carbide and loaded hole with mud. Spotted 70-barrel lost circulation pill around collars. Pulled out of hole. Had tight hole first two stands. Changed bit. Commenced running in hole with 12-1/4" bit with 6-point reamer and junk sub.

5/31

Completed running in hole with 12-1/4" bit with 6-point reamer and junk sub to 9281'. Washed and reamed hole from 9281' to 9491'. Drilled 12-1/4" hole with aerated mud from 9491' to 9550'.

6/1

Drilled 12-1/4" hole with aerated mud from 9550' to 9596'. 5 hours installed new mud line. Drilled 12-1/4" hole with aerated mud from 9596' to 9604'. Loaded hole with mud. Circulated carbide around. Lost circulation.

6/2

Mixed lost circulation material (30 pounds per barrel) and spotted 50 barrels on bottom. Built mud volume. Pulled out of hole. Had drag from 9370' to 9270'. Pipe was wet. Changed bit and near bit stabilizer. Checked B.O.P. equipment. Cleaned junk sub. Ran in hole with 12-1/4" bit with 6-point reamer and junk sub to 9230'. Washed and reamed tight hole from 9230' to 9604' (stuck several times).

6/3

Drilled 12-1/4" hole with aerated mud from 9604' to 9605' (high torque). Pulled up and washed and reamed hole from 9575' to 9605'. Drilled 12-1/4" hole from 9605' to 9606' (high torque). Pulled up and washed and reamed hole from 9576' to 9606'. Cleaned suction pump. Pulled up and washed and reamed hole from 9576' to 9606'. Drilled 12-1/4" hole with aerated mud from 9606' to 9610'. Pulled up and washed and reamed hole from 9580' to 9610'. Drilled 12-1/4" hole with aerated mud from 9610' to 9655'.

1979

- 6/4 Drilled 12-1/4" hole with aerated mud from 9655' to 9771'.
- 6/5 Drilled 12-1/4" hole with aerated mud from 9771' to 9826'. Pulled out of hole "wet". Hole condition good. Changed bit, 6-point reamer and shock sub. Checked B.O.P. equipment. Ran in hole with 12-1/4" bit with 6-point reamer and junk sub to 9750'. Filled drill pipe. Pipe plugged. Tried to unplug pipe without success. Commenced pulling out of hole.
- 6/6 Completed pulling out of hole. Laid down plugged drill collar and picked up new one. Checked B.O.P. equipment. Ran in hole with 12-1/4" bit with 6-point reamer and junk sub. Installed new kelly hose. Commenced running on in hole, drifting pipe.
- 6/7 Completed running in hole, drifting drill pipe, to 9594'. Found three singles plugged. Reamed tight hole from 9594' to 9826'. Drilled 12-1/4" hole with aerated mud from 9826' to 9836'.
- 6/8 Drilled 12-1/4" hole with aerated mud from 9836' to 9940'.
- 6/9 Drilled 12-1/4" hole with aerated mud from 9940' to 9946'. Lost circulation. Lost 150 barrels all at once. Spotted 100-barrel lost circulation material slug (30 pounds per barrel of medium and fine material) on bottom. Let hole stand 2 hours and built volume up by 200 barrels. Regained circulation. Had full returns. Drilled 12-1/4" hole with aerated mud from 9946' to 9977'. Dropped carbide. Pumped 70-barrel lost circulation material slug and loaded hole with mud. Pulled out of hole. Had tight hole from 9827' to 9796' and 9575' to 9544'. Changed bit and checked B.O.P. equipment. Ran in hole with 12-1/4" bit, 6-point reamer and junk sub and hit bridge at 9570'.
- 6/10 Washed and reamed hole from 9570' to 9977' (had 2' of fill). Drilled 12-1/4" hole with aerated mud from 9977' to 10,083'.
- 6/11 Drilled 12-1/4" hole with aerated mud from 10,083' to 10,200'. Pumped around 70-barrel lost circulation material pill and circulated bottoms up with aerated mud. Loaded hole with mud, no losses.
- 6/12 Made a 55-stand wiper run to 5030'. Hole condition good. Ran back in hole slowly and hit bridge at 9636'. Cleaned out bridge and ran in to 10,198'. Cleaned out fill from 10,198' to 10,200'. Circulated and conditioned mud. Made a 12-stand wiper run to 9050', no drag. Ran back to 10,200', no fill. Circulated and conditioned mud preparatory to running logs. Measured out of hole, no correction in measurement. Rigged up Schlumberger equipment.

1979

6/13

Ran Schlumberger Dual Induction-SFL with Linear Correlation Log and Gamma Ray, recorded from 10,184' to 4341', Borehole Compensated Sonic Log with Gamma Ray and Caliper Log, recorded from 10,150' to 4341', Simultaneous Compensated Neutron-Formation Density with Gamma Ray and Caliper Log, recorded from 10,190' to 5796', Four-Arm High Resolution Continuous Dipmeter, recorded from 10,185' to 4341', Fracture Identification Log with Correlation Log, recorded from 10,185' to 4341' and Directional Log, recorded from 10,185' to 4341' (Schlumberger's measurements). Commenced running Schlumberger Repeat Formation Tester with Gamma Ray Log.

6/14

Completed running Schlumberger Repeat Formation Tester with Gamma Ray Log as follows:

REPEAT FORMATION TESTER PRESSURE TEST SUMMARY

<u>Test No.</u>	<u>Depth</u>	<u>Pressure</u>	<u>Build-Up Time</u>	<u>Recovery</u>
1	10,049'	49 psi	5.0 minutes	
2	10,048'	--	--	
3	9,637'	--	--	
4	9,636'	33 psi	2.0 minutes	
5	9,204'	--	--	
6	9,203'	--	--	
7	9,108'	26 psi	3.0 minutes	
8	9,109'	25 psi	2.0 minutes	
9	9,110'	3658 psi	3.1 minutes	
10	8,766'	2900 psi	2.1 minutes	
11	8,738'	2685 psi	.6 minute	
12	8,720'	2649 psi	.5 minute	
13	8,692'	2659 psi	.5 minute	Recovered 3,700 cc of water.
14	8,666'	2649 psi	2.1 minutes	
15	8,638'	2613 psi	10.0 minutes	
16	8,637'	2615 psi	.6 minute	
17	8,665'	2646 psi	.5 minute	
18	8,610'	--	--	
19	8,609'	2616 psi	.5 minute	Recovered 10,200 cc of water.
20	8,598'	2630 psi	.5 minute	
21	8,573'	183 psi	2.0 minutes	
22	8,574'	123 psi	2.0 minutes	
23	8,572'	--	--	
24	8,537'	66 psi	2.5 minutes	
25	8,538'	47 psi	2.0 minutes	
26	8,536'	37 psi	2.0 minutes	
27	8,540'	--	--	
28	8,536.5'	21 psi	1.0 minute	

DEAF ZONE

1979

6/14

(Continued)

REPEAT FORMATION TESTER PRESSURE TEST SUMMARY (Continued)

<u>Test No.</u>	<u>Depth</u>	<u>Pressure</u>	<u>Build-Up Time</u>	<u>Recovery</u>
29	8,491'	2586 psi	.5 minute	
30	8,489'	2583 psi	.5 minute	
31	8,466'	22 psi	1.0 minute	
32	8,470'	2581 psi	.5 minute	
33	6,658'	10 psi	2.0 minutes	
34	6,657'	13 psi	1.5 minutes	
35	6,656'	11 psi	1.5 minutes	
36	6,659'	16 psi	1.5 minutes	

Rigged down Schlumberger equipment. Ran in hole with 12-1/4" bit with 6-point reamer and junk sub to 7500' and broke circulation. Ran on in hole to 10,140'. Had no tight hole or bridges. Circulated and washed from 10,140' to 10,200'. Had 8'± of soft fill. Circulated and conditioned mud. Made a 20-stand wiper run to 8300', no problems. Ran back in hole to 10,200' and circulated and conditioned mud preparatory to running casing.

6/15

Circulated and conditioned mud preparatory to running casing. Pulled out of hole. Changed 4-1/2" rams to 9-5/8". Rigged up to run 9-5/8" casing.

Ran 234 joints, 10,209.35' on hook, of 9-5/8" 47#, S-95 and N-80, Range 3, new, seamless, buttress thread casing with Halliburton differential fillup shoe at 10,200', Halliburton differential fillup collar at 10,103.26', Halliburton D.V. stage collar at 8153.83' and 58 centralizers-- one 10' above shoe, one on collar, one 10' below float collar, one 15' above float collar, one on third collar, one each on joints #4, 5, 6, 7, 8, 12, 14, 16, 18, 20 and 22, one each on next 21 joints, one on joints #43 and 44, one 10' below D.V. collar, one 10' above D.V. collar, one on 48th collar and one each on every collar to 7300'.

<u>Joints</u>	<u>Description</u>	<u>From</u>	<u>To</u>	<u>Footage</u>
	Halliburton differential fill-up shoe	10,200.00'	10,197.16'	2.84'
2	9-5/8" 47#, S-95, new, seamless, Range 3, buttress thread casing	10,197.16'	10,105.41'	91.75'
	Halliburton differential fill-up float collar	10,105.41'	10,103.26'	2.15'
45	9-5/8" 47#, S-95, new, seamless, Range 3, buttress thread casing	10,103.26'	8,157.08'	1,946.18'
	Halliburton D.V. stage collar	8,157.08'	8,153.83'	3.25'

(Continued)

1979
6/15

(Continued)				
Joints	Description	From	To	Footage
27	9-5/8" 47#, S-95, new, seamless, Range 3, buttress thread casing	8,153.83'	7,001.78'	1,152.05'
160	9-5/8" 47#, N-80, new, seamless, Range 3, buttress thread casing	7,001.78'	+9.35'	7,011.13'
234		Total Run		10,209.35'
		Feet Above K.B.		9.35'
		Landing Point		10,200.00'

6/16

Rigged up Halliburton for cement job. Circulated and conditioned mud for cement job.

First Stage: Pumped in 40 barrels of water followed with 1347 sacks of Class "H" cement with 10 pounds per sack of Gilsonite, 1/4 pound per sack Flocele and 0.3% HR-5. (1697 cubic feet of 15.2# per gallon slurry). Mixing time: 27 minutes. Dropped top plug and displaced cement slurry with 846 barrels of mud. Displacing time: 1 hour and 33 minutes. Bumped plug with 2500 psi. Pressure range during displacement: 1000 psi to 1500 psi. Bleed back volume 5 cubic feet. Cement in place at 9:00 a.m. Dropped bomb and opened D.V. stage collar. Circulated and lost 962 barrels of mud while cementing and circulating. Recovered 189 barrels of cement-cut mud (9.1# to 9.9# per gallon) at surface. Circulated and built mud volume for 12 hours while waiting on cement.

Second Stage: Pumped in 20 barrels of gel water followed with 1072 sacks of Class "H" cement with 18% sodium chloride, 10 pounds per sack Gilsonite, and 1/4 pound per sack Flocele (1887 cubic feet of 13.2# per gallon slurry) followed with 250 sacks of Class "H" cement with 18% sodium chloride and 1/4 pound per sack Flocele (16.7# per gallon slurry). Mixing time: 27 minutes. Dropped top plug. Displaced cement slurry with 740 barrels of mud. Displacing time: 1 hour and 34 minutes. Bumped plug with 2250 psi. Pressure range during displacement: 1000 psi to 1250 psi. Plug held. Cement in place at 10:38 p.m. Had full circulation throughout second stage cementing job.

6/17

Rigged down Halliburton cementing equipment. Removed B.O.P. equipment. Cut off 9-5/8" casing. Installed Gray tubing spool (10" 5000 psi x 12" 3000 psi with two 5000 psi outlets (1 bull plug and 1 gate type valve) and Gray double studded flange, 10" x 12". Tested spools to 3000 psi for 30 minutes, held O.K. Re-installed B.O.P. equipment. Rigged up Yellow Jacket Testers to test B.O.P. equipment.

1979

- 6/18 Tested blind and pipe rams, kill lines, choke line and manifold, upper and lower kelly cocks to 3000 psi, O.K. Tested Hydril to 1500 psi, O.K. Rigged down Yellow Jacket Testers, Inc. Laid down 12-1/4" bottom hole assembly. Commenced measuring in hole with 8-1/2" bit.
- 6/19 Completed measuring in hole with 8-1/2" bit and located top of plug at 8151', no correction in measurements. Drilled out plug and Halliburton D.V. stage collar from 8151' to 8157'. Pressure tested casing to 2000 psi, O.K. Ran on in to 10,075' and cleaned out soft cement from 10,075' to 10,103'. Drilled out float collar and cement from 10,103' to 10,190'. Circulated and conditioned mud preparatory to running Cement Bond Log. Pulled out of hole.
- 6/20 Rigged up Schlumberger equipment.
- Ran Schlumberger Cement Bond Log with Gamma Ray and Variable Density Log and recorded from 10,172' to 4500' (Schlumberger's measurements). Variable Density Log tool did not work. Log found top of cement at 4900'; good cement bonding from shoe to 10,000' and fair to poor bonding from 10,000' up.
- Rigged down Schlumberger equipment. Reduced 12-1/4" hole to 8-1/2" at 10,200'. Ran in hole with 8-1/2" bit with junk sub to 10,190'. Drilled out cement and shoe of 9-5/8" casing from 10,190' to 10,200'. Performed Leakoff Test: Surface pressure 1600 psi with 9.0# per gallon mud weight = 12.0# per gallon mud weight equivalent. Drilled 8-1/2" hole with aerated mud from 10,200' to 10,219'.
- 6/21 Drilled 8-1/2" hole with aerated mud from 10,219' to 10,325'.
- 6/22 Drilled 8-1/2" hole with aerated mud from 10,325' to 10,355'. Circulated. Drilled 8-1/2" hole with aerated mud from 10,355' to 10,380'. Circulated and loaded hole with mud. Commenced pulling out of hole.
- 6/23 Completed pulling out of hole. Checked B.O.P. equipment. Picked up core barrel. Ran in hole with 8-1/2" diamond core bit with 60' stabilized core barrel to 10,330'. Washed and cleaned out hole from 10,330' to 10,338'. Ran on in to 10,380'. Cored 8-1/2" hole from 10,380' to 10,416' with aerated mud. Core barrel jammed. Pulled out of hole.
- 6/24 Removed core from barrel. Ran in hole with 8-1/2" diamond core bit with 60' stabilized core barrel to 10,358'. Washed and cleaned out hole from 10,358' to 10,416'. Cored 8-1/2" hole with aerated mud from 10,416' to 10,438'. Loaded hole with mud. Pulled out of hole.

1979

6/25

Unloaded core barrel. Laid down core barrel and core bit. Ran in hole with 8-1/2" bit to 10,348' and washed and cleaned out from 10,348' to 10,438'. Circulated and conditioned mud preparatory to running tester. Measured out of hole, no correction in measurements.

6/26

DST #6 (10,200-10,438'): Ran in hole with Halliburton tester on dry 4-1/2" drill pipe. Set packer at 10,153' with tail extending to 10,185'. Opened tool on dry drill pipe at 10:05 a.m. for a 15-minute initial flow. Obtained a weak blow increasing slightly throughout flow period. Closed tool at 10:20 a.m. for a 1-hour initial buildup. Re-opened tool at 11:20 a.m. for a 3-hour flow period. Obtained a weak, steady blow throughout the flow period. Sonic fluid levels indicated no significant liquid entry into the drill pipe. Closed tool at 2:20 a.m. for a 3-hour buildup. Pulled packer loose at 5:25 a.m. Dropped bar to open reversing sub and it did not open. Dropped second bar and still was unable to open reversing sub or reset packer to re-open tester. Commenced pulling out of hole.

6/27

Completed pulling out of hole. A trace of carbon dioxide gas was noted with a "Drager" tester on each stand from number 38 to bottom. Had 384' of drilling fluid in the drill pipe (5.45 barrels). Charts indicated test tools had operated properly.

	Inside Recorder (10,136')	Inside Recorder (10,140')	Outside Recorder (10,182')
Initial Hydrostatic Pressure	4831.1 psi	4835.3 psi	4855.6 psi
Initial Flowing Pressure-1st Flow	77.7 psi	85.5 psi	110.6 psi
Final Flowing Pressure-1st Flow	115.2 psi	118.1 psi	112.7 psi
Initial Shut-in Pressure	3629.3 psi	3640.5 psi	3611.5 psi
Initial Flowing Pressure-2nd Flow	142.0 psi	148.6 psi	154.4 psi
Final Flowing Pressure-2nd Flow	198.3 psi	201.6 psi	189.9 psi
Final Shut-in Pressure	2890.6 psi	2893.1 psi	2886.1 psi
Final Hydrstatic Pressure	4806.9 psi	4823.2 psi	4849.5 psi

Recorded Temperature 182°F at 10,177'

Laid down test tools. Ran in hole with 8-1/2" bit with junk sub to 10,348'. Rabbited drill pipe. Washed and cleaned out from 10,348' to 10,438'.

6/28

Drilled 8-1/2" hole with aerated mud from 10,438' to 10,480'. Circulated. Loaded hole with mud. Pulled out of hole. Picked up core barrel. Ran in hole with 8-1/2" core bit with 60' core barrel to 10,430'. Washed and cleaned out from 10,430' to 10,450'.

1979

6/29

Washed and cleaned out from 10,450' to 10,480'. Cored 8-1/2" hole from 10,480' to 10,539' with mud only. Pulled out of hole. Serviced and laid down core barrel.

6/30

Ran in hole with 8-1/2" core bit with 60' core barrel to 10,479'. Washed and cleaned out hole from 10,479' to 10,539'. Cored 8-1/2" hole with mud only from 10,539' to 10,584'. Circulated bottoms up. Commenced pulling out of hole.

7/1

Completed pulling out of hole. Laid down core barrel and bit.

DST #7 (10,420-10,584'): Ran in hole with Lynes tester on dry 4-1/2" drill pipe. Set packers at 10,412' and 10,420' with tail extending to 10,584'. Opened tool on dry drill pipe at 3:48 p.m. for a 35-minute initial flow period. Obtained a steady, weak blow (5" of water) throughout the flow period. Closed tool at 4:23 p.m. for a 1-hour initial buildup. Re-opened tool at 5:23 p.m. for a 2-hour flow period. Obtained a very weak blow throughout the flow period. Closed tool at 7:23 p.m. for a 4-hour final buildup. Pulled packer loose at 11:23 p.m. without difficulty.

7/2

Pulled 5 stands to shoe of 9-5/8" casing. Dropped bar and reversed out and monitored all gas in the drill pipe. No carbon dioxide or hydrocarbons were detected. Recovered 2.6 barrels of rathole mud. Pulled out of hole with test tools. Charts indicated the test tools had operated properly.

	Inside Recorder (10,935')	Inside Recorder (10,390')	Outside Recorder (10,579')
Initial Hydrostatic Pressure	4908 psi	4904 psi	4962 psi
Initial Flowing Pressure-1st Flow	320 psi	317 psi	358 psi
Final Flowing Pressure-1st Flow	323 psi	319 psi	370 psi
Initial Shut-in Pressure	4348 psi	4345 psi	3748 psi*
Initial Flowing Pressure-2nd Flow	415 psi	410 psi	425 psi
Final Flowing Pressure-2nd Flow	415 psi	412 psi	452 psi
Final Shut-in Pressure	4271 psi	4266 psi	4283 psi
Final Hydrostatic Pressure	4812 psi	4810 psi	4850 psi

*Clock stopped 16 minutes into initial shut-in period.

Laid down test tools. Ran in hole with 8-1/2" bit with junk sub to 10,480'. Washed and cleaned out from 10,480' to 10,584'. Drilled 8-1/2" hole with aerated mud from 10,584' to 10,593'.

7/3

Drilled 8-1/2" hole with aerated mud from 10,593' to 10,697'.

7/4

Drilled 8-1/2" hole with aerated mud from 10,697' to 10,822'.

1979

- 7/5 Drilled 8-1/2" hole with aerated mud from 10,822' to 10,917'. Circulated bottoms up. Made a 10-stand wiper run. Ran back to 10,917' and circulated carbide around, no fill.
- 7/6 Circulated and conditioned mud. Pulled out of hole. Ran in hole with 8-1/2" core bit with 60' core barrel to 10,827'. Washed and cleaned out from 10,827' to 10,917'. Cored 8-1/2" hole from 10,917' to 10,946' (barrel jammed). Circulated hole clean. Commenced pulling out of hole.
- 7/7 Completed pulling out of hole. Laid down core barrel and core bit. Ran in hole with 8-1/2" bit with junk sub to 10,866'. Washed and cleaned out from 10,866' to 10,946'. Drilled 8-1/2" hole from 10,946' to 10,998' with aerated mud.
- 7/8 Drilled 8-1/2" hole with aerated mud from 10,998' to 11,104'.
- 7/9 Drilled 8-1/2" hole with aerated mud from 11,104' to 11,110'. Dropped carbide and loaded hole with mud. Pulled out of hole. Changed bit. Cleaned junk sub. Checked B.O.P. equipment. Ran in hole with 8-1/2" bit with junk sub to 11,020'. Cleaned out from 11,020' to 11,110'. Drilled 8-1/2" hole with aerated mud from 11,110' to 11,112'.
- 7/10 Drilled 8-1/2" hole with aerated mud from 11,112' to 11,158'. Circulated and conditioned hole.
- 7/11 Circulated and conditioned hole. Pulled out of hole. Picked up core barrel. Ran in hole with 8-1/2" core bit with 60' core barrel to 11,098'. Washed and cleaned out from 11,098' to 11,158'. Cored 8-1/2" hole from 11,158' to 11,167' with mud only.
- 7/12 Cored 8-1/2" hole from 11,167' to 11,178' with mud only. Circulated. Pulled out of hole. Serviced core barrel. Ran in hole with 8-1/2" core bit with 60' core barrel to 11,138'. Washed and cleaned out from 11,138' to 11,178'. Had change in plans. Commenced pulling out of hole.
- 7/13 Completed pulling out of hole. Laid down core bit and core barrel. Ran in hole with 8-1/2" bit with junk sub to 11,128'. Washed and cleaned out from 11,128' to 11,178'. Drilled 8-1/2" hole with aerated mud from 11,178' to 11,229'.
- 7/14 Drilled 8-1/2" hole with aerated mud from 11,229' to 11,269'. Circulated. Pulled out of hole. Operated B.O.P. equipment. Picked up 8-1/2" core bit. Ran in hole with 8-1/2" core bit with 60' core barrel to 11,229'. Washed and cleaned out from 11,229' to 11,269'. Had 2' fill. Cored 8-1/2" hole from 11,269' to 11,275'.

1979
7/15

Cored 8-1/2" hole from 11,275' to 11,302'. Pulled out. Laid down core bit and core barrel. Ran in hole with 8-1/2" bit with junk sub to 11,302'. Did not have any problems. Drilled 8-1/2" hole with aerated mud from 11,302' to 11,320'.

7/16

Drilled 8-1/2" hole with aerated mud from 11,320' to 11,381'. Circulated bottoms up. Made a 12-stand wiper run. Ran back to 11,381', no problems. Circulated and conditioned mud preparatory to running tester. Commenced measuring out of hole.

7/17

Completed measuring out of hole, no correction in measurements.

DST #8 (11,176-11,381'): Ran in hole with Lynes tester on dry 4-1/2" drill pipe. Set packers at 11,176' and 11,163' with tail extending to 11,381'. Opened tool on dry 4-1/2" drill pipe at 11:30 a.m. for a 30-minute initial flow period. Obtained a steady, very weak (1/2" of water) throughout flow period. Closed tool at 12:00 Noon for a 1-hour initial buildup. Re-opened tools at 1:00 p.m. for a 2-hour second flow period. Well dead throughout second flow period. Closed tool at 3:00 p.m. for a 4-hour final buildup. Pulled packers loose at 7:00 p.m. without difficulty. Did not reverse out. Pulled out of hole. Monitored all gas in the drill pipe; no carbon dioxide or hydrocarbons were detected. Recovered 50' of drilling fluid. Charts indicated tools operated properly.

	Inside Recorder (11,152')	Inside Recorder (11,146')	Outside Recorder (11,370')
Initial Hydrostatic Pressure	5455 psi	5453 psi	5553 psi
Initial Flowing Pressure-1st Flow	30 psi	26 psi	120 psi
Final Flowing Pressure-1st Flow	18 psi	18 psi	116 psi
Initial Shut-in Pressure	140 psi	137 psi	238 psi
Initial Flowing Pressure-2nd Flow	32 psi	27 psi	130 psi
Final Flowing Pressure-2nd Flow	32 psi	24 psi	128 psi
Final Shut-in Pressure	280 psi	278 psi	376 psi
Final Hydrostatic Pressure	5370 psi	5367 psi	5464 psi
Bottom Hole Temperature		197°F	

Laid down test tools.

7/18

Ran in hole with 8-1/2" bit with junk sub to 11,289', hole O.K. Washed and cleaned out from 11,289' to 11,381'. Drilled 8-1/2" hole from 11,381' to 11,452'. (Air compressors were shut off at 1:00 p.m. due to overheating.)

19797/19

Drilled 8-1/2" hole from 11,452' to 11,510'. Circulated and conditioned mud. Worked junk sub. Measured out of hole, no correction in measurements. Commenced running in hole with 8-1/2" core bit with 60' core barrel.

7/20

Completed running in hole with 8-1/2" core bit with 60' core barrel to 11,440' with no problems. Washed and cleaned out from 11,440' to 11,510'. Cored 8-1/2" hole from 11,510' to 11,550'.

7/21

Cored 8-1/2" hole from 11,550' to 11,552'. Pulled out of hole. Laid down core bit and core barrel. Ran in hole with 8-1/2" bit with junk sub to 11,459'. Washed and cleaned out from 11,459' to 11,552'. Drilled 8-1/2" hole with aerated mud from 11,552' to 11,557'. Shut off the air. Drilled 8-1/2" hole from 11,557' to 11,582'.

7/22

Drilled 8-1/2" hole from 11,582' to 11,616'. Lost 250 barrels of mud in 5 minutes. Pulled 5 stands; no fluid was visible in annulus. Ran back in hole 5 stands and spotted lost circulation material pill (50# lost circulation material per barrel mud). Regained full circulation returns. Drilled 8-1/2" hole with aerated mud from 11,616' to 11,646'. Lost 250 barrels of mud (10% to 20% returns). Pulled 5 stands. Built mud volume and mixed lost circulation material (50# lost circulation material per barrel of mud). Ran in to 11,646' and spotted pill on bottom. Obtained partial returns. Let hole stand.

7/23

Circulated and conditioned mud. Aerated mud. Drilled 8-1/2" hole with aerated mud from 11,646' to 11,652'. Had high torque on bit. Loaded hole with mud. Circulated carbide. Pulled out of hole. Changed bit. Checked B.O.P. equipment. Ran in hole with 8-1/2" bit with junk sub to 11,497'.

7/24

Washed and cleaned out hole from 11,497' to 11,652'. Drilled 8-1/2" hole with aerated mud from 11,652' to 11,680'. Circulated bottoms up with aerated mud. Loaded hole with mud. Made a 10-stand wiper run. Ran back in to 11,680'. Circulated and conditioned mud without air. Lost circulation. Spotted a 75-barrel lost circulation material pill on bottom and regained circulation. Circulated and conditioned mud. Made a 10-stand wiper run. Circulated and conditioned mud without air.

7/25

Pulled out of hole.

DST #9 (11,543-11,680'): Ran in hole with Lynes tester on dry 4-1/2" drill pipe. Set packers at 11,532' and 11,543' with tail extending to 11,680'. Opened tool on dry 4-1/2" drill pipe at 10:23 a.m. for a 32-minute initial flow period. Obtained a fair blow increasing to strong blow after 15 minutes and for remainder of flow period. Fluid level at start of test was 11,350' and after 15 minutes 7,225'. Surface pressures during first flow period was 10 psi in 5 minutes, 70 psi in 15 minutes and 120 psi in 30 minutes. Closed tool at 10:55 a.m. for a 1-hour initial buildup. Re-opened tool at 11:55 a.m. for a 3-hour and 35-minute second flow period. Obtained moderate to strong blow throughout test. Fluid surfaced at 2:00 p.m. Had approximately

(Continued)

1979
 7/25

(Continued)
 DST #9 (11,543-11,680'): (Continued)

3 barrels of drilling mud and 7 barrels of black sulphur water.
 Well flowed carbon dioxide gas to separator as follows:

1-1/2" plate = 844 Mcf/D
 1-1/2" plate = 1,070 Mcf/D
 2" plate = 1,346 Mcf/D
 2" plate = 1,666 Mcf/D

Surface pressure was 120 psi throughout second flow period. Hydrogen sulphide in the gas measured 14.88 ppm. Closed tool at 3:30 p.m. for a 6-hour final buildup. Pulled packers loose at 9:30 p.m. without difficulty. Pulled out of hole with test tools. Recovered 720' of black sulphur water.

	Inside Recorder	Outside Recorder	Inside Recorder	Recorder
Initial Hydrostatic Pressure	5518 psi	5527 psi	5524 psi	5516 psi
Initial Flowing Pressure-1st Flow	562 psi	636 psi	570 psi	561 psi
Final Flowing Pressure-1st Flow	650 psi	683 psi	570 psi	647 psi
Initial Shut-in Pressure	3700 psi	3712 psi	3710 psi	3698 psi
Initial Flowing Pressure-2nd Flow	819 psi	850 psi	831 psi	812 psi
Final Flowing Pressure-2nd Flow	1189 psi	1211 psi	1200 psi	1185 psi
Final Shut-in Pressure	3824 psi	3834 psi	3831 psi	3822 psi
Final Hydrostatic Pressure	5345 psi	5352 psi	5351 psi	5343 psi

Temperatures:

Initial Shut-in 149°F
 Initial Flowing-2nd Flow 135°F
 Final Flowing-2nd Flow 135°F
 Final Shut-in 147°F

7/26

Laid down test tools. Ran in hole with 8-1/2" bit with junk sub to 11,530'. Washed and cleaned out from 11,530' to 11,680'. Circulated and conditioned mud preparatory to running logs. Pulled out. Rigged up Schlumberger equipment.

Ran Schlumberger Dual Induction-SFL with Linear Correlation Log and Gamma Ray, recorded from 11,659' to 10,186' (Schlumberger's measurements).

1979

7/27

Ran Schlumberger Borehole Compensated Sonic Log with Gamma Ray and Caliper Log, recorded from 11,623' to 10,186', and Simultaneous Compensated Neutron-Formation Density with Gamma Ray and Caliper Log, recorded from 11,662' to 10,185' (Schlumberger's measurements).

Rigged down Schlumberger equipment. Ran in hole with 8-1/2" bit with junk sub to 11,506'. Washed and cleaned out from 11,506' to 11,680' (8' fill). Drilled 8-1/2" hole with aerated mud from 11,680' to 11,772'. Lost circulation at 11,772'. (Cut off air from 11,732' to 11,772'). Spotted 50-barrel lost circulation material pill (30# lost circulation material per barrel mud) on bottom and regained 100% circulation. Drilled 8-1/2" hole with aerated mud from 11,772' to 11,778'. Lost circulation. Spotted 50-barrel lost circulation material pill (30# lost circulation material per barrel mud) on bottom. Let pill set.

7/28

Drilled 8-1/2" hole without air from 11,778' to 11,781' (Total Depth). Circulated and conditioned mud. Made a 10-stand wiper run. Ran back to bottom, no fill. Circulated and conditioned mud. Measured out of hole, no correction in measurements. Ran in hole with 8-1/2" bit with junk sub to 11,720'. Washed and cleaned out from 11,720' to 11,781' (3' fill). Circulated and conditioned mud preparatory to running tester. Commenced pulling out of hole.

7/29

Completed pulling out of hole.

DST #10 (11,688-11,781') - MISRUN: Ran in hole with Lynes tester on dry 4-1/2" drill pipe. Set packers at 11,677' and 11,688' with tail extending to 11,781'. Opened tool on dry 4-1/2" drill pipe at 12:50 p.m. for a 30-minute initial flow period. Obtained a moderate to strong blow throughout flow period. Closed tool at 1:20 p.m. for a 1-hour initial buildup. Re-opened tool at 2:20 p.m. for a 2-hour second flow period. Obtained a moderate strong blow throughout flow period. No fluid surfaced. Had 13 psi surface pressure at end of test. Closed tool at 4:20 p.m. for a 3-hour final buildup. Pulled packers loose at 7:20 p.m. without difficulty. Pulled out of hole with test tools. Had 9350' of drilling fluid in drill pipe. Lost 140 barrels of drilling fluid during test. Charts indicated severe plugging and possible communication throughout test.

Inside
Recorder
(11,697')

Initial Hydrostatic Pressure	5419 psi
Initial Flowing Pressure-1st Flow	Unreadable
Final Flowing Pressure-1st Flow	Unreadable
Initial Shut-in Pressure	4242 psi
Initial Flowing Pressure-2nd Flow	Unreadable
Final Flowing Pressure-2nd Flow	Unreadable
Final Shut-in Pressure	4715 psi
Final Hydrostatic Pressure	5327 psi

1979

7/30

Laid down test tools. Ran in hole with 8-1/2" bit with junk sub to 11,689'. Washed and cleaned out from 11,689' to 11,781' (T.D.). Circulated and conditioned mud. Lost circulation returns. Pumped 85-barrel lost circulation material pill on bottom (40% of medium to fine lost circulation material per barrel of mud). Waited 4 hours for lost circulation material pill to seal off lost circulation zone. Circulated with full returns.

7/31

Circulated and conditioned mud. Shook out lost circulation material. Pulled out of hole. Changed plans. Ran back in hole with 8-1/2" bit with junk sub to 11,781' and circulated and conditioned mud with reduced pump rate. Pulled out of hole. Commenced picking up test tools.

8/1

Completed picking up test tools.

DST #11 (11,647-11,781'): Ran in hole with Halliburton tester on dry 4-1/2" drill pipe. Rigged up head and manifold. Shot three fluid levels at 15-minute intervals: 11,501', 11,408' and 11,501'. Set packers at 11,647' and 11,639' with tail extending to 11,781'. Opened tool at 7:56 a.m. on dry drill pipe for a 30-minute initial flow. Obtained an immediate medium blow throughout the first flow period. Total fluid rise 1544'. Closed tool at 8:26 a.m. for a 1-hour initial buildup. Re-opened tool at 9:26 a.m. for an 8-hour and 20-minute second flow period. Obtained an immediate fair blow slowly decreasing by end of test. Fluid rise 4900'. Closed tool at 5:46 p.m. for an eight-hour and 20-minute final buildup.

8/2

Pulled packers loose at 2:06 a.m. without difficulty. Pulled out of hole. Recovered 5540' of net rise in drill pipe: Top 376' drilling mud; 1786' watery gas-cut drilling fluid; and 3378' watery, gas-cut drilling fluid with strong sulphur odor. Carbon dioxide Dredger tubes indicated carbon dioxide present from 5865' to 11,614'. Charts indicated that the test tools had operated properly.

	Inside Recorder (11,621')	Inside Recorder (11,624')	Outside Recorder (11,774')	Outside Recorder (11,778')
Initial Hydrostatic Pressure	5348.4 psi	5345.7 psi	5404.0 psi	Clock did
Initial Flowing Pressure- 1st Flow	442.3 psi	425.8 psi	515.9 psi	not run.
Final Flowing Pressure- 1st Flow	710.4 psi	700.8 psi	768.1 psi	
Initial Shut-in Pressure	3922.6 psi	3911.7 psi	3979.8 psi	
Initial Flowing Pressure- 2nd Flow	774.8 psi	776.2 psi	837.6 psi	
Final Flowing Pressure- 2nd Flow	2482.6 psi	2475.9 psi	2537.3 psi	
Final Shut-in Pressure	3882.6 psi	3877.0 psi	3939.6 psi	
Final Hydrostatic Pressure	5348.4 psi	5345.7 psi	5404.0 psi	
Recorded Temperature		188°F (11,772')		

(Continued)

1979

8/2

(Continued)

Laid down test tools. Ran in hole with 8-1/2" bit with junk sub to 11,671'. Washed and cleaned out from 11,671' to 11,721'. Commenced measuring out of hole. Released Rocky Mountain Geo-Engineering Company Mud Logging Unit.

8/3

Completed measuring out of hole, no correction in measurements. Laid down jars, stabilizers, junk sub, shock sub and fifteen 6-1/4" drill collars. Ran in hole with RTTS tool and set at 10,081'. Broke down formation with an estimated rate and pressure of 1200 psi at 1100 barrels per minute. Pumped water from reserve pit into formation with rig pumps.

8/4

Pumped water from reserve pit into formation with rig pumps.

8/5

Pumped water and mud from reserve pit into formation with rig pumps. Mixed and displaced 200 barrels of lost circulation material (55% lost circulation material per barrel of mud). Pump pressure increased from 450 to 1200 psi. Kick-out pump held 400 psi back pressure.

8/6

Pulled RTTS tool free and pump remainder of lost circulation material pill out of the drill pipe. Pumped in dry job. Built mud volume up 100 barrels. Pulled RTTS tool out of the hole and laid same down. Ran in hole with open-end drill pipe to 10,791', no problems. Broke circulation. Had full returns. Ran on in hole and tagged bottom at 11,781'. Circulated and conditioned mud preparatory to placing plug. Had full circulation returns.

Plug #2 (11,779-11,277'): With open-end 4-1/2" drill pipe hung at 11,779', pumped in 17-1/2 barrels of water at 1100 psi pump pressure followed by 300 sacks of Class "H" cement with 0.2% HR-4 (15.65# per gallon slurry) at 900 psi pump pressure. Displaced cement slurry with 5 barrels of water and 144-1/2 barrels of drilling mud at 800 psi pump pressure. Cement in place at 2:25 p.m.

Stood cemented 8 hours. Pulled 15 stands out of cement dry. Circulated hole clean.

8/7

Ran back in hole to 11,002' and found no cement. Surface samples were very soft. Pumped in mud at 550 psi pump pressure for 3 minutes. Broke off kelly; did not flow back. Stood cemented 2 hours. Pulled up to 10,200'. Pumped mud down drill pipe; had circulation. Ran back in hole to 11,277' and located top of soft cement. Pulled up to shoe of 9-5/8" casing. Pumped in mud and cleared drill pipe. Utah Division of Oil, Gas and Mining waived witnessing top of plug. Waited on cement for 5 hours. Circulated and conditioned mud. Ran back in hole with 4-1/2" open-end drill pipe to 10,406'.

(Continued)

1979
8/7

(Continued)

Plug #3 (10,406-9715'): With open-end 4-1/2" drill pipe hung at 10,406', pumped in 30 barrels of water followed with 350 sacks of Class "H" cement with 0.2% HR-4 (15.8# per gallon slurry). Pump pressure 800 psi decreasing to 500 psi. Displaced cement slurry with 8 barrels of water and 124 barrels of mud at 300 psi pump pressure. Cement in place at 10:07 a.m. Pipe pulled dry. Had full circulation returns throughout job.

Pulled out of hole. Ran in hole with 8-1/2" bit and located top of cement plug at 9715' (cement firm to hard). Tested plug with 25,000# and full pump, O.K. Utah Division of Oil, Gas and Mining waived witnessing top of plug. Circulated and conditioned mud. Commenced measuring out of hole.

8/8

Completed measuring out of hole, no correction in measurements. Rigged up Dresser Atlas equipment.

Ran in hole with Dresser Atlas perforating gun with 22.5 gram charge and jet perforated 9-5/8" casing with four holes per foot from 8692' to 8687'. Pulled out and laid down perforating gun.

Rigged down Dresser Atlas equipment.

DST #12 (8692-8687'): Ran in hole with Halliburton tester on dry 4-1/2" drill pipe. Tested head and manifold. Took three fluid level shots: 8763', 8680' and 8680'. Set packer at 8650' with tail extending to 8690'. Opened tool on dry drill pipe at 10:15 a.m. for a 30-minute initial flow. Had weak blow for 4 minutes which increased to a medium blow throughout the initial flow period. Had 15-1/2 psi surface pressure with 471' fluid rise. Closed tool at 10:45 a.m. for 1-hour initial shut-in. Carbon dioxide surfaced at 10:50 a.m. (1.46 gravity) (1.83 ppm of hydrogen sulphide). Re-opened tool at 11:45 a.m. with 7 psi surface pressure for 2-hour and 45-minute flow period. Fluid surfaced at 1:35 p.m. Flowed 3 barrels of mud and 14 barrels of sulphur water (calculated rate of 672 barrels per day through 3/4" surface choke). Had 2" choke in separator. Well flowed carbon dioxide at a maximum rate of 766 Mcf per day (heading) which decreased to 586 Mcf per day at end of flow period. Closed tool at 2:30 p.m. for a 5-hour and 30-minute final shut-in. Recovered 2-3 barrels of sulphur water. Pulled packer loose at 8:00 p.m. Pulled out of hole. Had 1000' rise inside of drill pipe (14.2 barrels).

(Continued)

1979
 8/8

(Continued)
DST #12 (8692-8687'): (Continued)

	Inside Recorder (8633')	Inside Recorder (8637')	Outside Recorder (8676')	Outside Recorder (8685')
Initial Hydrostatic Pressure	4062.3 psi	4066.2 psi	4080.4 psi	4080.9 psi
Initial Flowing Pressure- 1st Flow	130.0 psi	129.4 psi	150.7 psi	293.6 psi
Final Flowing Pressure- 1st Flow	749.9 psi	747.3 psi	759.4 psi	755.8 psi
Initial Shut-in Pressure	2523.1 psi	2524.7 psi	2528.7 psi	2530.2 psi
Initial Flowing Pressure- 2nd Flow	857.7 psi	862.2 psi	869.5 psi	875.0 psi
Final Flowing Pressure- 2nd Flow	1674.7 psi	1681.8 psi	1686.7 psi	1690.7 psi
Final Shut-in Pressure	2593.5 psi	2590.9 psi	2591.9 psi	2593.6 psi
Final Hydrostatic Pressure	4076.4 psi	4076.6 psi	4083.3 psi	4089.5 psi
Recorded Temperature	146°F at 8682'			

8/9 Laid down test tools. Laid down drill collars and heavyweight drill pipe. Ran in hole with open-end 4-1/2" drill pipe to 8748'. Circulated. Rigged up Halliburton. Pumped 1000 barrels of excess water to formation through perforations from 8687' to 8692'. Annulus would not stand full.

8/10 Mixed and spotted 50-barrel lost circulation material pill through perforations. Circulated with full returns.

Plug #4 (8748-8465'): With open-end 4-1/2" drill pipe hung at 8748', pumped in 10 barrels of water followed with 137 sacks of Class "H" cement (16.4# per gallon slurry). Displaced cement slurry with 2 barrels of water and 119 barrels of mud. Cement in place at 1:20 a.m.

Pulled and laid down 75 joints of drill pipe and stood cemented 5 hours. Ran in hole with open-end drill pipe and located top of cement plug at 8465'. Tested plug with 12,000# weight and no pump. Utah Division of Oil, Gas and Mining waived witnessing of plug. Pulled to 4492'.

Plug #5 (4492-4113'): With open-end 4-1/2" drill pipe hung at 4492', pumped in 10 barrels of water followed with 200 sacks of Class "H" neat cement (16.4# per gallon slurry) followed with 2 barrels of water. Displaced cement slurry with 54 barrels of 8.7# per gallon mud. Cement in place at 9:15 a.m.

Stood cemented 5 hours. Laid down excess drill pipe. Ran in hole and located top of cement plug at 4113' with 10,000 to 15,000# and no pump. Pulled up and laid down excess drill pipe.

(Continued)

1979

8/10

(Continued)

Plug #6 (186' to Surface): With open-end 4-1/2" drill pipe hung at 186', pumped in 60 sacks of Class "H" neat cement. Cement in place at 7:00 p.m.

Laid down kelly, swivel and rathole. Commenced removing B.O.P. equipment.

8/11

Completed removing B.O.P. equipment. Cleaned mud pits. Released rig at 8:00 p.m., August 11, 1979.

8/12

Cut off casing at bottom of cellar and welded on a steel plate. Set 4-1/2" O.D. dry hole marker 6' underground and 4' above ground and cemented in place. WELL ABANDONED AS OF AUGUST 12, 1979.

INCLINATION RECORD

<u>Depth</u>	<u>Deviation From Vertical</u>
184'	1°00'
215'	1°00'
242'	0°30'
313'	1°00'
345'	0°45'
439'	1°00'
513'	0°45'
609'	0°45'
750'	1°00'
875'	1°15'
1,040'	1°00'
1,157'	0°45'
1,507'	1°30'
1,722'	1°15'
1,822'	1°30'
2,322'	3°00'
2,283'	3°00'
2,416'	3°00'
2,570'	2°15'
2,665'	3°00'
2,758'	3°00'
2,885'	3°00'
3,010'	2°30'
3,200'	Misrun
3,263'	1°30'
3,368'	3°00'
3,805'	Misrun
3,836'	3°00'
4,190'	1°30'
4,347'	3°30'
4,116'	Misrun
4,315'	4°00'
4,374'	2°15'
4,391'	1°45'

(Continued)

INCLINATION RECORD (Continued)

<u>Depth</u>	<u>Deviation From Vertical</u>
4,469'	4°00'
4,564'	3°15'
4,657'	3°15'
4,783'	3°00'
4,877'	1°15'
5,033'	1°30'
5,117'	Minimum
5,191'	2°45'
5,254'	2°00'
5,287'	2°00'
5,381'	1°45'
5,539'	3°00'
5,639'	3°30'
5,699'	2°30'
5,920'	3°15'
6,015'	3°00'
6,141'	3°00'
6,240'	3°00'
6,298'	3°00'
6,424'	3°00'
6,552'	2°00'
6,711'	2°00'
6,787'	2°30'
6,962'	2°00'
7,123'	2°00'
7,410'	2°00'
7,632'	1°00'
7,882'	2°30'
8,073'	2°00'
8,272'	1°45'
8,460'	1°45'
8,703'	2°00'
8,777'	Minimum
8,990'	1°45'
9,114'	1°45'
9,277'	1°30'
9,425'	2°00'
9,604'	2°00'
9,826'	1°45'
10,200'	2°00'
10,380'	1°00'
10,917'	1°00'
11,110'	1°00'
11,269'	Minimum
11,509'	2°30'
11,680'	3°00'

POOR COPY

START POINT: 10,780'

END POINT: 10,700', 10,277', 10,400', 10,535', 10,765'

10,700', 10,765', 10,860'

MUD RECORD

WELL NO. "Gordon Creek Unit" 1

FIELD Wildcat

SECTION 19, T. 14 S., R. 8 E., S.L. B. & M.

COUNTY Carbon Utah

DATE	DEPTH		WEIGHT LBS./GALLON		VISCOSITY SECONDS		WATER LOSS CC/30 MINUTES		SAND %		pH	(CHLORIDE) SALINITY PPM	FILTER CAKE INCHES/32	OIL %
	FROM	TO	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH				
1-12-79	0	168	8.5	8.6	43	55	---	8.0	---	Trace	10.5	400	2	---
1-13-79	168	219	8.6	8.7	40	56	---	10.0	---	.25	11.0	400	2	---
1-14-79	219	275	8.5	8.8	32	44	---	10.2	---	.25+	11.0	350	2	---
1-15-79	275	335	8.5	8.7	31	42	---	15.2	---	.25	9.5	350	2	---
1-16-79	335	434	8.6	8.9	32	44	---	10.4	---	.75	10.5	400	2	---
1-17-79	434	500	8.6	8.9	35	43	---	11.2	---	Trace	9.5	400	2	---
1-18-79	500	524	8.9	9.0	35	41	---	9.2	---	.50	10.5	350	2	---
1-19-79	524	670	9.1	9.3	35	37	---	8.8	---	1.00	10.0	400	2	---
1-20-79	670	682	---	9.1	37	38	---	10.0	---	.375	9.5	350	2	---
1-21-79	682	846	8.3	9.0	31	39	---	11.2	---	.25	9.5	400	2	---
1-22-79	846	922	8.7	9.1	30	37	8.8	13.6	---	1.00	9.0-	350	2	---
1-23-79	922	934	---	7.8	---	---	---	8.8	---	1.00	10.5	---	---	---
1-24-79	---	934	8.3	8.4	---	33	---	*40+	---	.25	12.5	350	2	---
1-25-79	934	980	7.5	8.5	35	46	---	*20.0	---	1.00	8.0	350	2	---
1-26-79	980	1005	8.1	8.3	45	47	---	*40+	---	1.00	10.5	350	2	---
1-27-79	---	1005	---	8.5	---	34	---	*40+	---	.50	11.5	350	2	---
1-28-79	---	1005	---	8.4	---	36	---	---	---	.25	10.5	350	2	---
1-29-79	---	1005	---	8.5	---	39	---	15.2	---	.25	11.0	400	2	---
1-30-79	---	1005	---	8.4	---	39	---	10.4	---	.25	10.5	350	1	---
1-31-79	---	1005	---	8.5	---	46	---	9.2	---	.25	10.5	400	1	---
2- 1-79	---	1005	---	8.5	---	48	---	8.0	---	Trace	10.0	375	1	---
2- 2-79	1005	1104	8.3	8.5	41	62	---	8.0	---	Trace	10.5	350	1	---
2- 3-79	1104	1227	8.5	8.9	38	45	---	8.0	---	Trace	11.0	500	1	---
2- 4-79	1227	1437	8.3	8.8	33	45	8.0	11.2	Trace	1.00	11.0	375	1	---
2- 5-79	1437	1519	---	8.6	36	38	---	14.4	---	2.50	10.0	600-700	1	---
2- 6-79	1519	1832	8.5	9.0	37	45	---	12.0	---	2.00	9.0	600	1	---
2- 7-79	1832	2005	8.9	9.1	38	49	---	6.8	---	1.00	9.5	500	1	---
2- 8-79	2005	2142	8.8	8.9	37	41	8.8	11.2	.50	1.50	10.0	500	1	---
2- 9-79	2142	2365	8.9	9.0	37	42	---	7.6	.50	.75	10.0	450-500	1-2	---
2-10-79	2365	2445	---	9.0	39	45	6.8	7.2	.50	1.50	9-9.5	400-600	1	---
									.25	1.00	9.5-10	450-500	1	---

*Lost circulation material.

MUD RECORD

WELL NO. "Gordon Creek Unit" 1
 SECTION 19, T. 14 S., R. 8 E., S.L. B. & M.

FIELD Wildcat
 COUNTY Carbon Utah

DATE	DEPTH		WEIGHT LBS./GALLON		FUNNEL VISCOSITY SECONDS/QUART		WATER LOSS MI/30 MINUTES		SAND %		pH	(CHLORIDE) SALINITY	FILTER CAKE INCHES/32	OIL %
	FROM	TO	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH		PPM		
1-11-79	5668	5832	8.7	9.0	42	60	13.2	13.6	.25	.50	11.5-12	520-550	1-2	---
1-12-79	5832	5999	8.6	9.1	40	54	8.4	12.0	.50	1.00	11.5-12	570-600	1	---
1-13-79	5999	6139	8.7	9.1	42	48	8.0	8.8	.50	.75	11.5-12	580-600	1	---
1-14-79	6139	6180	--	9.0	42	46	--	6.4	--	Trace	12.5	560	1	---
1-15-79	6180	6193	8.5	9.3	42	51	--	8.6	--	Trace	12.5	540	2	---
1-16-79	6193	6305	8.7	9.2	40	50	8.0	11.2	--	.50	12.5	550-560	1	---
1-17-79	6305	6380	8.8	9.1	42	46	--	13.2	--	.50	12.5	660	1	---
1-18-79	6380	6426	7.5	8.8	40	47	10.8	12.8	.25	.50	12.5	600-620	1	---
1-19-79	6426	6569	7.4	8.8	43	50	10.6	11.2	.25	.35	12.5	620-640	1	---
1-20-79	6569	6694	8.3	8.9	43	59	10.4	12.0	--	.50	12.5	640-650	1	---
1-21-79	6694	6787	8.2	9.1	43	56	11.2	12.8	.50	.75	12.5	650	1	---
1-22-79	6787	6867	7.9	9.0	41	52	10.8	12.4	Trace	.25	12.5	650-670	1	---
1-23-79	6867	6964	8.1	8.9	35	53	13.6	14.4	--	.25	12.5	660-670	1	---
1-24-79	6964	7020	8.6	8.8	47	55	12.0	12.4	--	.25	12.5	640-680	1	---
1-25-79	7020	7134	8.4	8.9	44	58	11.2	11.6	--	Trace	12.5	630-650	1	---
1-26-79	7134	7255	8.6	9.0	39	51	12.0	15.2	--	Trace	12-12.5	610-700	1-2	---
1-27-79	7255	7390	8.5	8.8	45	52	11.6	13.6	Trace	.25	12-12.5	670-700	1	---
1-28-79	7390	7567	8.7	9.0	40	42	12.0	12.8	--	.25	12-12.5	700-750	1	---
1-29-79	7567	7659	8.8	9.1	40	50	9.6	11.2	.25	.40	12.5	780-810	1	---
1-30-79	7659	7761	8.8	9.1	42	62	8.8	12.0	--	Trace	12.5	630-750	1-3	---
1-1-79	7761	7979	8.8	9.2	44	66	24.8	30.4	--	.25	12.5	24,000-26,000	2-4	---
1-2-79	7979	8135	8.9	9.4	46	53	18.4	32.8	Trace	.25	12.5	30,500-44,300	1-2	---
1-3-79	8135	8272	9.3	9.5	43	47	--	16.8	--	Trace	12.0	52,400-59,000	1-2	---
1-4-79	8272	8304	9.3	9.6	47	58	13.6	15.2	Trace	.25	12-12.5	55,000-60,000	2	---
1-5-79	8304	8415	9.0	9.4	47	58	12.8	13.6	.25	.40	12.0	42,500-48,500	1-2	---
1-6-79	8415	8460	8.9	9.2	42	48	12.8	13.2	Trace	.25	12.0	27,000-35,000	1	---
1-7-79	8460	8524	8.7	9.0	40	45	10.4	12.4	--	.25	12.0	22,000-27,000	1	---
1-8-79	8524	8588	8.9	9.1	37	41	--	12.0	Trace	.25	11.5	28,000-33,000	1	---
1-9-79	8588	8703	8.8	9.1	39	41	8.8	14.4	Trace	.25	11.5-12	28,000-33,000	1	---
1-10-79	--	8703	8.9	9.0	43	57	12.0	14.4	Trace	.25	12-12.5	16,000-26,000	1	---

MUD RECORD

WELL NO. "Gordon Creek Unit" 1

FIELD Wildcat

SECTION 19, T. 14 S., R. 8 E., S.L. B. & M.

COUNTY Carbon Utah

DATE	DEPTH		WEIGHT LBS./GALLON		FUNNEL VISCOSITY SECONDS/QUART		WATER LOSS ML/30 MINUTES		SAND %		pH	(CHLORIDE) SALINITY PPM	FILTER CAKE INCHES/32	OIL %
	FROM	TO	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH		PPM		
7- 8-79	10998	11104	8.9	9.0	42	50	7.6	8.4	--	.25	12.5	760-940	1	--
7- 9-79	11104	11112	8.9	9.0	43	46	--	7.2	--	Trace	12.5	1100	1	--
7-10-79	11112	11158	8.8	9.0	40	47	--	7.4	--	Trace	12.5	1100	1	--
7-11-79	11158	11167	8.9	9.0	42	60	--	7.2	--	Trace	12.5	1000	1	--
7-12-79	11167	11178	--	9.0	--	50	--	7.4	--	Trace	12.5	1000	1	--
7-13-79	11178	11229	--	9.0	--	46	--	6.8	--	Trace	12.5	660	1	--
7-14-79	11229	11275	--	9.1	--	49	--	7.6	--	.25	12.5	620	1	--
7-15-79	11275	11320	--	9.1	--	49	--	7.2	--	Trace	12.5	640	1	--
7-16-79	11320	11381	--	9.1	42	46	7.6	8.0	--	Trace	12.5	620-1000	1	--
7-17-79	--	11381	9.2	9.3	42	65	7.2	8.4	--	Trace	12.5	900=1000	2	--
7-18-79	11381	11452	9.0	9.2	48	52	7.2	8.4	--	Trace	12.5	700-800	1	--
7-19-79	11452	11510	--	9.1	--	45	7.2	7.4	--	Trace	12.5	900	1	--
7-20-79	11510	11550	--	8.9	40	44	--	7.4	--	Trace	12.5	900	1	--
7-21-79	11550	11582	9.0	9.1	40	43	--	5.6	--	Trace	12.5	870	1	--
7-22-79	11582	11646	8.9	9.1+	41	45	--	6.4	--	Trac3	12.5	890	2	--
7-23-79	11646	11652	8.9	9.0	48	52	--	8.4	--	.25	12.5	890	2	--
7-24-79	11652	11680	8.9	9.0	50	56	--	7.6	--	.50	12.5	490	2	--
7-25-79	--	11680	--	8.8	--	44	--	7.2	--	.25	12.5	800	2	--
7-26-79	--	11680	--	8.9	--	43	--	8.4	--	.25	12.5	900	2	--
7-27-79	11680	11778	8.8	8.9	40	43	--	8.4	--	.25	12.5	900	2	--
7-28-79	11778	11781	--	8.9	--	50	--	9.0	--	.50	12.5	700	2	--
7-29-79	--	11781	--	8.8	46	49	8.8	9.6	Trace	.25	12.5	630-640	1	--
7-30-79	--	11781	8.8+	8.9	47	56	8.0	10.4	.25	.50	10.5-	610-650	1-2	--
7-31-79	--	11781	8.8	8.9	47	48	8.8	10.4	--	.25	12.5	600-610	1	--
8- 1-79	--	11781	--	8.8	--	47	--	8.2	--	.25	12.5	700	1	--
8- 2-79	--	11781	--	8.8	--	47	--	8.2	--	.25	12.5	700	1	--
8- 3-79	--	11781	--	8.9	--	51	--	8.4	--	.25	12.5	600	1	--
8- 4-79	--	11781	--	8.9	--	51	--	8.4	--	.25	12.5	600	1	--
8- 5-79	--	11781	--	8.9	--	51	--	8.4	--	.25	12.5	600	1	--
8- 6-79	--	11781	--	--	--	--	--	--	--	--	--	--	--	--
8- 7-79	--	11781	8.9	9.0	37	46	8.0	12.0	--	.50	12.5	1000-1100	1-2	--
8- 8-79	--	11781	--	8.9	--	46	--	8.0	--	.50	12.5	1100	1	--

TOTAL DEPTH: 11,781'.

PLUGGED: 11,779-11,277'; 10,406-9715'; 8748-8465'; 4492-1113';
186' to Surface.

BIT RECORD

WELL NO. "Gordon Creek Unit" 1
 SECTION 19, T. 14 S., R. 8 E., S.L. B. & M.

FIELD Wildcat
 COUNTY Carbon Utah

DATE	NO. RUN	SIZE	MAKE	TYPE	REGULAR	JET SIZES	FROM	TO	FOOTAGE	HOURS RUN	CONDITION
1-13-79	1	17-1/2"	Smith	DTJ		9/16"(3)	0	199	199	25-1/4	
1-16-79	2	17-1/2"	Hughes	OSC1GJ		9/16"(3)	199	390	200	63-1/4	T-2, B-1, G-I.
1-20-79	3	17-1/2"	Smith	DTJ		9/16"(3)	390	670	280	44-1/2	T-4, B-3, G-I.
1-22-79	4	17-1/2"	Reed	Y11J		1/2" (3)	670	920	250	21	T-6, B-8, G-1/8".
1-23-79	1 RR	17-1/2"	Smith	DTJ		9/16"(3)	920	934	14	2-3/4	T-6, B-8, G-I.
1-26-79	1 RR	17-1/2"	Smith	DTJ		9/16"(3)	934	1005	71	27	Twisted off. Rec. fish.
2- 3-79	5	17-1/2"	Reed	Y11J		1/2" (3)	1005	1214	209	35-1/2	T-5, B-6, G-I.
2- 5-79	6	17-1/2"	Reed	Y11J		1/2" (3)	1214	1507	293	30-1/4	T-6, B-4, G-3/8".
2- 7-79	7	17-1/2"	Smith	DSJ		9/16"(3)	1507	2005	498	41-1/4	T-6, B-4, G-1/4".
2-10-79	8	17-1/2"	Reed	Y11J		5/8" (3)	2005	2445	440	44-3/4	T-6, B-6, G-I.
2-13-79	9	17-1/2"	Reed	Y11J		5/8" (3)	2445	2885	440	44-3/4	T-5, B-6, G-1/4".
2-16-79	10	17-1/2"	Smith	DGJ		5/8" (3)	2885	3200	315	33-3/4	T-4, B-5, G-1/8".
2-17-79	11	12-1/4"	Reed	Y11J		5/8" (3)	3200	3263	63	6-3/4	T-4, B-5, G-1/8".
2-18-79	12	12-1/4"	Hughes	J22		5/8" (3)	3263	3318	55	10-1/2	T-5, B-1, G-1/4".
2-19-79	13	12-1/4"	Hughes	OWV		5/8" (3)	3318	3368	50	19	T-5, B-2, G-1/16".
2-21-79	14	12-1/4"	Reed	S62		5/8" (3)	3368	3532	164	27	T-7, B-4, G-1/16".
2-27-79	15	12-1/4"	Reed	S62		5/8" (3)	3532	4190	658	84-1/2	T-1, B-2, G-1/16".
3- 1-79	14 RR	12-1/4"	Reed	S62		5/8" (3)	4190	4347	157	26-1/2	T-3, B-5, G-1/8".
3- 3-79	14 RR	12-1/4"	Reed	S62		5/8" (3)	4190	4347	157	26-1/2	T-5, B-5, G-1/8".
3- 6-79	H.O. 1	17-1/2"	Reed	Hole Opener		5/8" (3)	Circulated and conditioned mud.				
						7/16"(2)	3200	3299	99	16-1/2	T-6, B-7, G-I.
						5/8" (1)					
3- 7-79	H.O. 2	17-1/2"	Reed	Hole Opener		As above	3299	3363	64	16	T-7, B-4, G-I.
3- 8-79	H.O. 3	17-1/2"	Reed	Hole Opener		As above	3363	3451	88	20-1/2	T-7, B-8, G-I.
3- 9-79	H.O. 4	17-1/2"	Reed	Hole Opener		As above	3451	3513	62	14-1/2	T-7, B-7, G-I.
3-10-79	H.O. 5	17-1/2"	Reed	Hole Opener		As above	3513	3613	100	21-1/4	T-7, B-8, G-I.
3-12-79	H.O. 6	17-1/2"	Security	Hole Opener		As above	3613	3637*	59	16-3/4	T-7, B-8, G-I.
3-14-79	16	17-1/2"	Reed	Y21J		5/8" (3)	3637*	3696	340	32-1/4	T-5, B-7, G-I.
3-14-79	17	17-1/2"	Reed	Y21J		5/8" (3)	3696	4036	5	1/2	T-5, B-8, G-I.
3-15-79	J.B. 1	11-3/4"	Globe	Junk Basket			4036	4041			T-7, B-6, G-I. Ran on
3-16-79	J.B. 2	11-3/4"	Globe	Junk Basket			4041	4100	59	4-1/2	from junk left in hole.
							4100	4349	249	15	Rec. roller, pin & blk.
											Rec. remaining block
											and cut core.

*Corrected measurements.

BIT RECORD

WELL NO. "Gordon Creek Unit" 1

SECTION 19, T. 14 S., R. 8 E., S.L. B. & M.

FIELD Wildcat
 COUNTY Carbon Utah

DATE	NO. RUN	SIZE	MAKE	TYPE	REGULAR	JET SIZES	FROM	TO	FOOTAGE	HOURS RUN	CONDITION
3-17-79	18	17-1/2"	Reed	Y31J		5/8" (3)	4041	4056	15	2	Twisted off. Rec. fish. T-6, B-6, G-1/8". T-5, B-7, G-1/8". T-2, B-2, G-I.
3-18-79	18 RR	17-1/2"	Reed	Y31J		5/8" (3)	4056	4116	60	21	
3-20-79	19	17-1/2"	Reed	Y21J		5/8" (3)	4116	4315	199	43	
3-22-79	20	17-1/2"	Reed	Y31J		5/8" (3)	4315	4349	34	11-1/4	
3-22-79	20 RR	17-1/2"	Reed	Y31J		5/8" (3)	Ran multishot.				
3-29-79	21	12-1/4"	Reed	Y21		5/8" (3)	1992	4391	2399	20-1/4	Drilled out D.V. collar, float collar, cement & shoe & drilled ahead.
4- 2-79	22	12-1/4"	Reed	S62J		15/32" (3)	4391	4711	320	63-1/2	T-8, B-8, G-1/8".
4- 5-79	23	12-1/4"	Reed	FP51		(Open)	4711	5117	406	54-3/4	T-4, B-5, G-1/16".
4-10-79	24	12-1/4"	Smith	F3		(Open)	5117	5630	513	93	T-3, B-7, G-1/8".
4-14-79	25	12-1/4"	Reed	FP51		(Open)	5630	6180	550	80-1/2	T-6, B-6, G-1/8".
4-18-79	26	12-1/4"	Reed	FP51		(Open)	6180	6380	200	35-1/4	T-2, B-5, G-1/8".
4-21-79	27	12-1/4"	Reed	FP51		(Open)	6380	6787	407	75	T-4, B-2, G-1/8".
4-23-79	28	12-1/4"	Reed	FP51		(Open)	6787	6964	177	33-1/2	T-8, B-5, G-1/4".
4-29-79	29	12-1/4"	Hughes	J33		(Open)	6964	7659	695	116	T-8, B-8, G-1/4".
5- 4-79	30	12-1/4"	Smith	F2		(Open)	7659	8272	613	61-1/4	T-6, B-6, G-1/8".
5- 6-79	31	12-1/4"	Hughes	J22		(Open)	8272	8460	188	39-1/4	T-6, B-4, G-1/4".
5- 7-79	32	12-1/4"	Hughes	J33		(Open)	8460	8524	64	15-1/2	T-7, B-3, G-1/16".
5- 9-79	33	12-1/4"	Smith	F5		(Open)	8524	8703	179	24-1/2	T-8, B-4, G-1/4".
5-11-79	34	12-1/4"	Hughes	J55		(Open)	8548	8703	155	Washed and reamed hole.	T-3, B-6, G-I.
5-12-79	34 RR	12-1/4"	Hughes	J55		(Open)	Circulated and conditioned mud.				Washed and reamed hole and drilled ahead. T-4, B-3, G-I. T-7, B-4, G-1/8". T-7, B-3, G-I. T-6, B-3, G-1/16".
5-13-79	34 RR	12-1/4"	Hughes	J55		(Open)	Circulated and conditioned mud.				
5-15-79	34 RR	12-1/4"	Hughes	J-55		(Open)	8643	8777	134	12	
5-18-79	35	12-1/4"	Hughes	J55		(Open)	8777	8933	156	37-3/4	
5-20-79	36	12-1/4"	Reed	FP63		(Open)	8933	8990	57	23	
5-22-79	37	12-1/4"	Smith	F57		(Open)	8990	9114	124	29-3/4	

BIT RECORD

WELL NO. "Gordon Creek Unit" 1
 SECTION 19, T. 14 S., R. 8 E., S.L.B. & M.

FIELD Wildcat
 COUNTY Carbon Utah

DATE	NO. RUN	SIZE	MAKE	TYPE	REGULAR	JET SIZES	FROM	TO	FOOTAGE	HOURS RUN	CONDITION
5-25-79	38	12-1/4"	Hughes	J77		(Open)	9114	9277	163	45	
5-26-79	39	12-1/4"	Smith	F57		(Open)	9277	9301	24	8-3/4	T-6, B-3, G-3/16".
5-27-79	40	12-1/4"	Reed	FP62		(Open)	9301	9425	124	23-3/4	T-2, B-2, G-I.
5-30-79	41	12-1/4"	Smith	F5		(Open)	9425	9491	66	23-1/2	T-6, B-8, G-1/16".
6- 2-79	42	12-1/4"	Reed	FP62		(Open)	9491	9604	113	28-1/2	T-3, B-6, G-I.
6- 5-79	43	12-1/4"	Hughes	X44		(Open)	9604	9826	222	43-3/4	T-4, B-7, G-I.
6- 9-79	44	12-1/4"	Hughes	X44		(Open)	9826	9977	151	29-1/4	T-3, B-4, G-I.
6-12-79	45	12-1/4"	Smith	F3		(Open)	9977	10200	223	35-3/4	T-5, B-6, G-I.
6-14-79	45 RR	12-1/4"	Smith	F3		(Open)					T-3, B-3, G-I.
6-19-79	46	8-1/2"	Security	M44L		(Open)	8151	10190	2039	3-1/2	Drilled out plug, D.V. stage collar, cement, float collar & cement. Drilled out cement & shoe & drilled ahead.
6-22-79	47	8-1/2"	Smith	3JS		(Open)	10190	10380	190	41-1/4	
6-24-79	C.H. 1	8-1/2"	Christensen	Diamond Core Head			10380	10416	36	9-1/2	
6-24-79	C.H. 1RR	8-1/2"	Christensen	Diamond Core Head			10416	10438	22	6	
6-25-79	47 RR	8-1/2"	Smith	3JS		(Open)					
6-28-79	48	8-1/2"	Smith	F3		(Open)					
6-29-79	C.H. 1RR	8-1/2"	Christensen	Diamond Core Head			10438	10480	42	7-3/4	T-1, B-1, G-I.
6-30-79	C.H. 1RR	8-1/2"	Christensen	Diamond Core Head			10480	10539	59	11-1/2	
7- 5-79	48 RR	8-1/2"	Smith	F3		(Open)	10539	10584	45	13	
7- 7-79	C.H. 1RR	8-1/2"	Christensen	Diamond Core Head			10584	10917	333	68-1/4	T-3, B-2, G-I.
7- 9-79	49	8-1/2"	Smith	F3		(Open)	10917	10946	29	6-1/4	
7-11-79	50	8-1/2"	Hughes	J55		(Open)	10946	11110	164	40	T-8, B-8, G-3/4".
7-12-79	C.H. 1RR	8-1/2"	Christensen	Diamond Core Head			11110	11158	48	23	T-3, B-3, G-1/16".
7-14-79	51	8-1/2"	Reed	FP53		(Open)	11158	11178	20	18-3/4	
7-15-79	C.H. 2	8-1/2"	Christensen	Diamond Core Head			11178	11269	91	21-3/4	T-1, B-1, G-I.
7-17-79	51 RR	8-1/2"	Reed	FP53		(Open)	11269	11302	33	8-1/4	
7-19-79	52	8-1/2"	Smith	F2		(Open)	11302	11381	79	19	T-5, B-5, G-1/8".
							11381	11510	129	27-1/2	T-8, B-4, G-1/8".

CORE DESCRIPTION

Core #1 - Recovered 36'

- 10,380-10,394' Shale: brown, gray banded, very slightly sandy, moderate to good fissibility, very slightly calcareous.
- 10,394-10,414' Siltstone: light gray to tan, shaly, slightly calcareous to moderately calcareous.
- 10,414-10,416' Limestone: gray packstone, silt-size grains, few impurities.

Core #2 - Recovered 22'

- 10,416-10,438' Limestone: gray packstone, silt-size grains, few impurities except anhydrite xenoliths at 10,433' and 10,438'.

Fractures: One open vertical fracture almost the whole length of the cores.
Occasional small closed horizontal fractures.

Core #3 - Recovered 60'

- 10,480-10,482' Limestone: light to medium gray mudstone, very fine to fine grained, less than 10% fossil fragments, brach and coral, occasional clasts of other mudstone, occasional fine crystalline pyrite.
- 10,482-10,490' Limestone: mudstone, as above, but fossils become more scanty. Interval is slightly shaly and laminated.
- 10,490-10,493' Limestone: mudstone, light gray, occasional fossil fragments, shaly laminations.
- 10,493-10,494' Limestone: light and dark gray mudstone, 20% dark intraclasts with carbonaceous spots, occasional pinpoint vugs.
- 10,494-10,500' Limestone: dark gray mudstone with thin light and dark laminations. Fine grained particles are darker than the coarser grained, lighter layers. Grains have become slightly recrystallized.
- 10,500-10,503' Limestone: light gray wackestone, abundant small fossils and fossil fragments, pinpoint vugs.
- 10,503-10,507' Limestone: wackestone, as above, alternating with tight, dark gray mudstone.
- 10,507-10,522' Limestone: mudstone, dark gray, dense, very fine grained becoming very fine crystals.
- 10,522-10,525' Limestone: light gray, wackestone, sparse fossils, slightly crystalline, slightly pyritic.
- 10,525-10,528' Limestone: mudstone, as above.
- 10,528-10,530' Limestone: wackestone, as above.
- 10,530-10,531' Siltstone: gray to white, moderately calcareous with silty cementation, small and large intraclasts.
- 10,531-10,534' Siltstone: gray, moderately calcareous with silty cementation.
- 10,534-10,539' Siltstone: gray to white, moderately calcareous with silty cementation, small and large intraclasts.

CORE DESCRIPTION (Continued)Core #4 - Recovered 45'

10,539-10,541'	Limestone: dark gray mudstone, recrystallized but some bedding still evident, dense anhydrite inclusions.
10,541-10,545'	Siltstone: gray, silty cementation, shaly, dense, occasional anhydrite.
10,545-10,546'	Shale: brown and gray, poor fissibility, silty
10,546-10,550'	Siltstone: light gray to brown, silty and calcareous cementation, anhydrite, pyrite.
10,550-10,584'	Shale: gray and brown laminations, slightly calcareous, poor fissibility, layers occasionally distorted.

FRACTURES:

<u>Vertical</u>	<u>Horizontal</u>
10,480-10,489'	10,487'
10,498-10,506'	10,491'
10,509-10,518'	10,524'
10,525-10,528'	10,515-10,518'
10,539-10,544'	10,529'
10,561-10,562'	10,533-10,534'
10,569-10,571'	10,547'
	10,554'
	10,571-10,573'

Core #5 - Recovered 25'

10,917'	Dolomite: light gray, micro-crystalline, abundant pyrite, some calcite crystals, no visible porosity.
10,918'	No description.
10,919'	Dolomite: as above, with some fine quartz filled veins, no visible porosity.
10,920'	Dolomite: as above, with quartz inclusions, no visible porosity.
10,921-10,922'	No description.
10,923'	Dolomite: light gray, limey, micro-crystalline, pyrite, with individual quartz inclusions, no visible porosity.
10,924'	Dolomite: light gray to dark gray, calcite veins, quartz inclusions, trace pyrite, micro-crystalline, no porosity.
10,925'	No description.
10,926'	Dolomite: light gray, micro-crystalline, quartz inclusions, abundant quartz crystals, some apparent porosity around quartz crystals.
10,927'	No description.
10,928'	Dolomite: light gray, micro-crystalline, cherty, no visible porosity.

(Continued)

CORE DESCRIPTION (Continued)

Core #5 - Recovered 25' (Continued)

10,929'	Dolomite: light gray, sandy, quartz crystals, no visible porosity.
10,930'	No description.
10,931'	Dolomite: light to dark gray, micro-crystalline, abundant pyrite, no porosity.
10,932'	No description.
10,933'	Dolomite: light gray, micro-crystalline, trace of pyrite, no porosity.
10,934'	No description.
10,935'	Dolomite: medium gray, micro-crystalline with very fine quartz inclusions, no visible porosity.
10,936'	No description.
10,937'	Dolomite: light gray, sandy, limey, slightly oolitic, some very poor porosity.
10,938'	Dolomite: as above.
10,939'	Dolomite: light gray, fine quartz inclusions, trace pyrite, slightly oolitic, no visible porosity.
10,940'	Dolomite: medium gray, sandy, partly oolitic, no visible porosity.
10,941'	Dolomite: light gray, micro-crystalline, partly oolitic, calcite veins, some very poor apparent porosity.
10,942'	Dolomite: light gray, limey, micro-crystalline, calcite veins, partly oolitic and very poor apparent porosity.
10,943'	Dolomite: light gray, limey, micro-crystalline, oolitic, no visible porosity. (Note: The interval at 10,943' is only described as oolitic by comparison to upper core, as there was a noticeable increase of oolitic content at 10,943'.)
10,944'	No Recovery
10,945'	No Recovery
10,946'	No Recovery

(Note: The core from 10,938' to 10,942' was badly fractured.)

Core #6 - Recovered 14'

11,158-11,164'	Sandstone: gray, fine grained, subrounded, well sorted, matrix supported, calcareous matrix with occasional calcite veins.
11,164-11,178'	Sandstone: as above, with increasing fine crystalline anhydrite downsection.

FRACTURES:	<u>Vertical</u>	<u>Horizontal</u>
	11,158-11,161'	11,169'
	11,166'	
	11,168-11,169'	

CORE DESCRIPTION (Continued)

Core #7 - Recovered 33'

11,269-11,275' Sandstone: clear, very fine to fine grained, fairly sorted, rounded, anhydrite fill, very slightly calcareous.
 11,275-11,277' Siltstone: medium dark gray, siliceous, shale lenses and partings, anhydrite, slightly calcareous.
 11,277-11,302' Sandstone: clear, fine grained, fairly sorted, anhydrite fill, very slightly calcareous.

FRACTURES:	Vertical	Horizontal
	11,175-11,176' 11,198-11,199'	11,175-11,176'

Core #8 - Recovered 37'3"

11,510-11,511' Sandstone: white to gray, fine grained, silty, hard, silty and calcareous cementation.
 11,511-11,522' Siltstone: gray, very sandy, silty cementation, anhydrite, calcareous inclusions.
 11,522-11,529' No description.
 11,529-11,536' Siltstone: gray, silty and calcareous cementation, hard, fine crystalline anhydrite inclusions, calcite concentrations.
 11,536-11,547' Siltstone: as above, becoming more calcareous and shaly downsection.
 11,547-11,552' No recovery.

FRACTURES:	Vertical
	11,510-11,514' 11,518-11,519' 11,542-11,544' 11,545-11,547'

OXY PETROLEUM, INC.

"Gordon Creek Unit" 1

NW NE Section 19, T. 14 S., R. 8 E., S.L.B. & M.

Gordon Creek Unit, Carbon County, Utah

A.P.I. No. 43-007-30044

OHT #6 (10,584-10,420'): Set packers at 10,420' and 10,412' with tail extending to 10,584'. Had very weak blow. Recovered 2.6 barrels of rat-hole mud. No CO₂ or gas-cut mud.

Drilled and cored 8-1/2" hole from 10,584' to 11,381'.

OHT #7 (11,176-11,381'): Set packers at 11,176' and 11,163' with tail extending to 11,381'. Had very weak blow to no blow. Recovered 50' of drilling mud.

Drilled and cored 8-1/2" hole from 11,381' to 11,680'.

OHT #8 (11,543-11,680'): Set packers at 11,532' and 11,543' with tail extending to 11,680'. Flowed CO₂ with 14.88 ppm H₂S at a final rate of 1666 Mcf/D. Pulled test tools. Recovered 720' of black, sulphur water.

Ran Induction SFL/Sonic and FDC/CNL logs.

Drilled 8-1/2" hole from 11,680' to 11,781'.

OHT #9 (11,688-11,781'): Set packers at 11,678' and 11,688' with tail extending to 11,781'. Had weak to medium blow. No fluid surfaced. Pulled test tools. Recovered 133 barrels of mud.

Made clean out run. Circulated and conditioned mud.



**REPORT
of
SUB-SURFACE
DIRECTIONAL
SURVEY**

Occidental Petroleum
COMPANY

Gordon Creek 1
WELL NAME

Price, Utah
LOCATION

JOB NUMBER

RM379-S0594

TYPE OF SURVEY

Multi-Shot

DATE

3-22-79

SURVEY BY

Steve Thurston

OFFICE

Rocky Mountain

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D	TRUE VERTICAL DEPTH FEET	RECTANGULAR COORDINATES FEET	DOG LEG SEVERITY DEG/100FT	
102.	0 0	0	102.00	0.00	0.00	0.0
135.	0 30	N 78 W	135.00	0.03 N	0.14 W	1.5
232.	1 0	N 69 W	231.99	0.39 N	1.35 W	0.5
328.	1 15	N 32 W	327.97	1.57 N	2.78 W	0.8
419.	1 30	N 59 W	418.95	3.09 N	4.33 W	0.8
510.	1 30	N 35 W	509.91	4.70 N	6.06 W	0.7
604.	1 30	N 30 W	603.88	6.78 N	7.38 W	0.1
699.	1 30	N 22 W	698.85	9.01 N	8.47 W	0.2
795.	1 45	N 37 W	794.81	11.38 N	9.81 W	0.5
891.	1 45	N 37 W	890.77	13.72 N	11.58 W	0.0
985.	1 30	N 13 W	984.73	16.12 N	12.70 W	0.8
1080.	1 30	N 13 W	1079.70	18.55 N	13.26 W	0.0
1175.	1 15	N 15 W	1174.67	20.77 N	13.81 W	0.3
1269.	2 0	N 26 W	1268.63	23.27 N	14.75 W	0.9
1363.	2 45	N 24 W	1362.55	26.80 N	16.39 W	0.8
1454.	2 30	N 31 W	1453.45	30.49 N	18.31 W	0.4
1553.	2 0	N 33 W	1552.38	33.78 N	20.37 W	0.5
1647.	2 15	N 30 W	1646.31	36.74 N	22.19 W	0.3
1743.	2 15	N 25 W	1742.24	40.09 N	23.93 W	0.2
1837.	2 30	N 21 W	1836.16	43.67 N	25.45 W	0.3
1930.	3 0	N 24 W	1929.05	47.80 N	27.16 W	0.6
2025.	3 15	N 25 W	2023.91	52.50 N	29.30 W	0.3
2119.	3 15	N 26 W	2117.76	57.31 N	31.59 W	0.1
2215.	3 15	N 27 W	2213.60	62.18 N	34.02 W	0.1
2311.	3 30	N 27 W	2309.44	67.23 N	36.59 W	0.3
2404.	3 30	N 23 W	2402.26	72.37 N	38.99 W	0.3
2498.	3 15	N 21 W	2496.10	77.52 N	41.07 W	0.3
2592.	3 15	N 21 W	2589.95	82.49 N	42.98 W	0.0
2683.	3 0	N 21 W	2680.81	87.11 N	44.75 W	0.3
2778.	3 0	N 21 W	2775.68	91.75 N	46.54 W	0.0

OCCIDENTAL PETROLEUM
JOB RM379-S0S94
GORDON CREEK #1

DATE 3-22-79

RECORD OF SURVEY

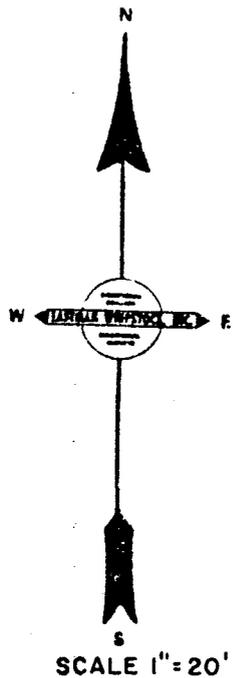
RADIUS OF CURVATURE METHOD

MEASURED DEPTH FEET	DRIFT ANGLE		D R I F T DIRECTION D	TRUE VERTICAL DEPTH FEET	R E C O R D I N A L C O O R D I N A T E S FEET		DOG LEG SEVERITY DEG/100FT
	D	M					
2873.	3	0	N 18 W	2870.55	96.44 N	48.20 W	0.2
2968.	3	0	N 19 W	2965.42	101.15 N	49.77 W	0.1
3063.	3	0	N 20 W	3060.29	105.84 N	51.43 W	0.1
3157.	3	0	N 20 W	3154.16	110.46 N	53.12 W	0.0
3251.	3	0	N 21 W	3248.03	115.07 N	54.84 W	0.1
3346.	3	0	N 23 W	3342.90	119.68 N	56.70 W	0.1
3441.	3	0	N 23 W	3437.77	124.26 N	58.64 W	0.0
3536.	2	45	N 25 W	3532.65	128.62 N	60.59 W	0.3
3631.	2	45	N 10 W	3627.54	132.95 N	61.95 W	0.8
3725.	2	30	N 14 W	3721.44	137.16 N	62.85 W	0.3
3818.	2	15	N 9 W	3814.36	140.94 N	63.62 W	0.3
3913.	2	30	N 12 W	3909.28	144.81 N	64.33 W	0.3
4009.	2	0	N 16 W	4005.21	148.47 N	65.24 W	0.5
4103.	2	15	N 32 W	4099.14	151.63 N	66.65 W	0.7
4198.	3	0	N 34 W	4194.04	155.28 N	69.02 W	0.8
4292.	3	0	N 36 W	4287.91	159.31 N	71.85 W	0.1
4332.	3	0	N 40 W	4327.85	160.96 N	73.14 W	0.5

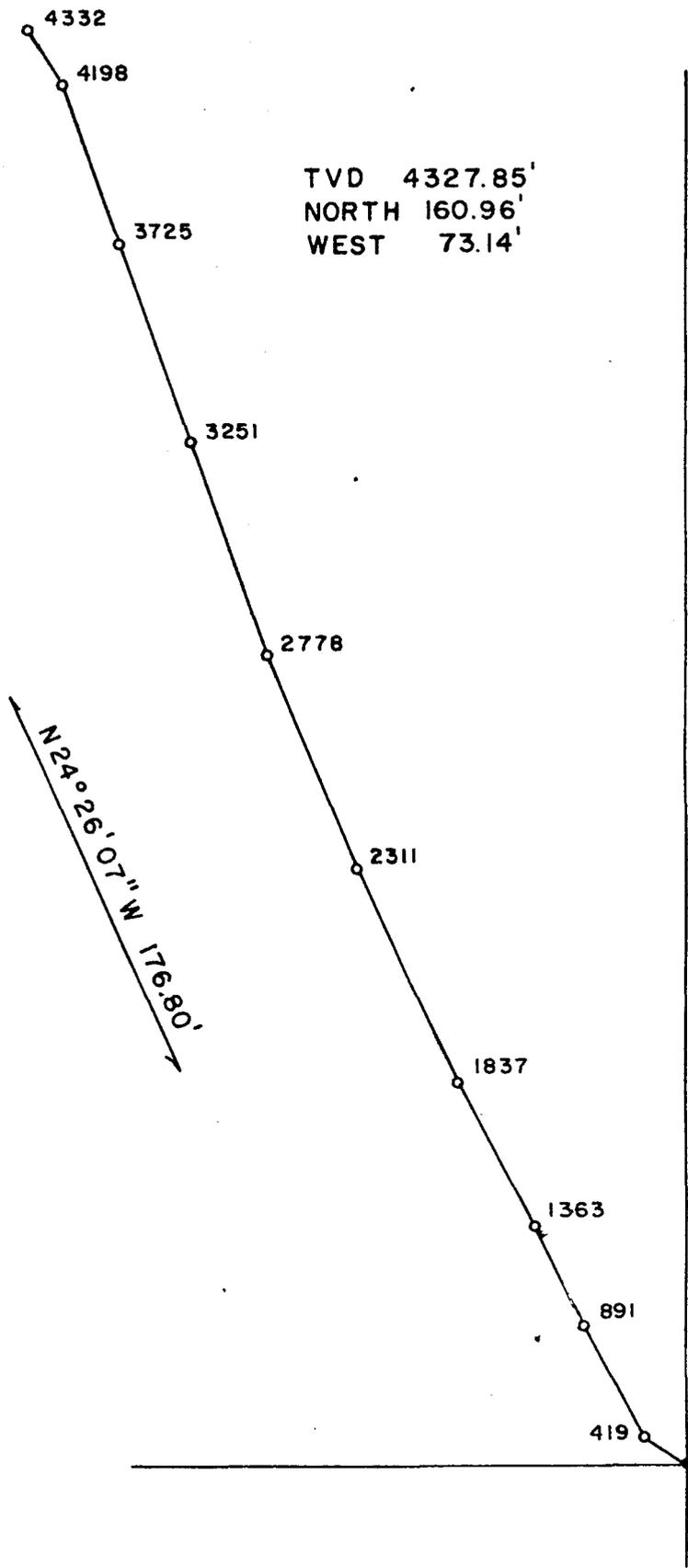
FINAL CLOSURE - DIRECTION: N 24 DEGS 26 MINS 7 SECS W
DISTANCE: 176.80 FEET

PLAN

EASTMAN WHIPSTOCK, INC.



TVD 4327.85'
NORTH 160.96'
WEST 73.14'



JOB NO. RM 379-S0894

KLABZUBA OIL & GAS, INC.

Legacy Tower, Suite 1300
700 Seventeenth Street
Denver, Colorado 80202-3512
Phone: 303-299-9097 Fax: 303-299-9087

March 15, 2002

RECEIVED

MAR 25 2002

DIVISION OF
OIL, GAS AND MINING

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
Post Office Box 145801
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Disposal Well
Gorden Creek Unit #1
API # 43-007-30044
Gorden Creek Area, State Lease ML-46539
Section 19-Township 14S-Range 8E
Carbon County, Utah

Dear Mr. Jarvis:

Klabzuba Oil and Gas Inc. herein requests approval to convert the Gorden Creek Unit #1 to a water disposal well. The well was plugged in August 1979. KOG proposes to re-enter the well and convert it to a disposal well. Casing was not pulled when the well was P & A'd. A review of the original well information indicates no water samples were taken from the Navajo formation. In addition, the well was never completed so no fracture gradient information is available. Klabzuba proposes obtaining a water sample when the plugs are drilled out and the Navajo is perforated. As outlined in the attached permit, the proposed injection interval will be a new completion, thus information to determine the frac gradient can be obtained when the zones are stimulated during breakdown. A step rate test could also be done after the Navajo has pressured up after six months to a year of injection. This would allow for good step rate conditions to determine a more accurate frac gradient.

If you have any questions or require additional information, please contact me at (303) 382-4443.

Sincerely,



George Rooney
Petroleum Engineer

Attachments

Principal Office
Lexington Place
930 West First Street
Fort Worth, Texas 76102
Phone 817-336-5757 FAX 817-336-5927

Havre Office
48 Second Avenue
P.O. Box 40
Havre, Montana 59501
Phone 406-262-9912 FAX 406-262-9400

Arkoma Basin Office
5908 Jenny Lind Road
Fort Smith, Arkansas 72908-7497
Phone 501-649-0300 FAX 501-649-0500

030

KLABZUBA OIL & GAS INC.

APPLICATION FOR APPROVAL OF CLASS II DISPOSAL WELL

GORDEN CREEK UNIT #1

GORDEN CREEK AREA

LEASE #ML-46539

MARCH 15, 2002

TABLE OF CONTENTS

LETTER OF INTENT	
COVER PAGE	
TABLE OF CONTENTS	
UIC FORM 1 – APPLICATION FOR DISPOSAL WELL	
STATE OF UTAH SUNDRY NOTICE	
WELBORE DIAGRAM OF PROPOSED DISPOSAL WELL (CURRENT CONDITIONS)	
WORK PROCEDURE FOR CONVERSION TO DISPOSAL WELL	
COMPLETED RULE R615-5-1 QUESTIONNAIRE	
COMPLETED RULE R615-5-2 QUESTIONNAIRE	
ATTACHMENT A	ONE-HALF MILE RADIUS MAP
ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELBORE DIAGRAM – GORDEN CREEK UNIT #1 (PROPOSED)
ATTACHMENT E-1	WELBORE DIAGRAM – GORDEN CREEK 19-14-8 (B)
ATTACHMENT E-2	WELBORE DIAGRAM – GORDEN CREEK 19-14-8
ATTACHMENT F	TYPE WATER ANALYSIS FROM PRODUCTION WELL (3 SAMPLES)
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUGGING AND ABANDONMENT
ATTACHMENT H-1	WELBORE DIAGRAM OF PROPOSED PLUGGED WELL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.	ML-46359
6. If Indian, Allottee or Tribe Name	NA
7. If unit or CA, Agreement Designation	
8. Well Name and No.	Gorden Creek Unit #1
9. API Well No.	43-007-30044
10. Field and Pool, or Exploratory Area	Gorden Creek Area
11. County or Parish, State	Carbon Co., Utah

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas well Other Plugged & Abandoned

2. Name of Operator
Klabzuba Oil & Gas Inc.

3. Address and Telephone No.
700 Seventeenth Street, Legacy Tower, Suite 1300 Denver, CO 80202 (303) 299-9097

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 1,517' FSL, 1,590' FEL NW/SE Sec. 19, T14S, R8E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing repair	<input type="checkbox"/> Water Shut-off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other Re-Enter & Convert to Disposal Well	<input checked="" type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Please see attached disposal well application.

14. I hereby certify that the foregoing is true and correct

Signed George B. Rooney Title Petroleum Engineer Date 3/15/02
George Rooney

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____
 Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED
 MAR 26 2002
 DIVISION OF
 OIL, GAS AND MINING

Gorden Creek Unit #1

Spud Date: 01/11/79
 Put on Production: NA
 P&A'd: 08/12/79
 GL: 7472' KB: 7494'

Initial Production: NA

Wellbore Diagram
 03/09/02
 GBR IV

CONDUCTOR CASING

CSG SIZE: 20"
 GRADE: NA
 WEIGHT: NA
 LENGTH: NA
 DEPTH LANDED: 102'
 HOLE SIZE: NA
 CEMENT DATA: Cement to surface

102' KB
Mesaverde @200'

Upper Mancos @ 1600'

Stage Collar @ 1992' KB

SURFACE CASING

CSG SIZE: 13 3/8"
 GRADE: N-80 & K-55
 WEIGHT: 72# & 68#
 LENGTH: NA
 DEPTH LANDED: 4349'
 HOLE SIZE: 17 1/2"
 CEMENT DATA: 1st Stage: 1380 sks Hall. Light & 300 sks Class H
 2nd Stage: 1189 sks Hall. Light & 200 sks Class H
 Returns to surface

72# N-80 Buttress	surf to 113'	(113')
68# K-55 Buttress	113' to 1992'	(1879')
Stage collar	1992' to 1995'	(3')
68# K-55 Buttress	1995' to 2469'	(474')
72# N-80 Buttress	2469' to 4349'	(1880')

4349' KB

Ferrin @ 3250'
Lower Mancos @ 3650'
Dakota @ 4025'
Cedar Mtn. @ 4120'

PRODUCTION CASING

CSG SIZE: 9 5/8"
 GRADE: N-80 & S-95
 WEIGHT: 47#
 LENGTH: NA
 DEPTH LANDED: 10,200'
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 1st Stage: 1347 sks Class H 2nd Stage: 1072 sks Class H
 CEMENT TOP AT: 4900' per CBL 06/20/1979

47# N-80 Buttress	surf to 7002'	(7002')
47# S-95 Buttress	7002' to 8154'	(1152')
Stage collar	8154' to 8157'	(3')
47# S-95 Buttress	8157' to 10,200'	(2043')

Stage Collar @ 8154' KB

Carmel @ 7650'

TUBING

SIZE/GRADE/WT.:
 NO. OF JOINTS:
 NO. OF JOINTS:
 NO. OF JOINTS:
 SN:
 MODEL 'R3' PACKER:
 NO. OF JOINTS:
 EOT @

LOGS: NEC/IL/DN/GR & CBL

INJECTION ZONE

Navajo @ 8402'

8687-92"

Kayenta @ 8750'

Open Hole from 10,200' to 11,781'
 SN: NA
 EOT: NA
 PBTD: NA
 Shoe: 10,200' KB
 TD: 11,781' KB

10,200' KB

Sinbad @ 10,460'

Kiabab @ 10,889'

Coconis @ 11,137'

11,781' KB

Plug #2
 11,779' to 11,227'
 300 sks Class H
 *Note: No Plug #1

Well Completion

02/21/79	DST #1	(3270-91')	Misrun
	DST #1A	(3270-91')	52 to 113 MCFPD @ 25 psig
02/27/79	DST #2	(4074'-4015')	Misrun
	DST #2A	(4074'-4015')	Misrun
03/03/79	DST #3	(4050'-4100')	3633' of Drlg mud no gas
05/10/79	DST #4	(8550-8703')	2000 MCFPD CO2
05/14/79	DST #5	(8448'-8703')	Misrun
06/26/79	DST #6	(10,200-438')	Weak blow, trace CO2, 384' mud
07/01/79	DST #7	(10,420-584')	Weak blow, no CO2
07/17/79	DST #8	(11,176-381')	Weak blow, 50' mud
07/25/79	DST #9	(11,543-680')	1,666 MCFPD CO2, 15 PPM H2S
07/29/79	DST #10	(11,688-781')	Misrun
08/01/79	DST #11	(11,647-781')	Rec. 5540' fluid: 376' mud, 1768' gas cut mud, & 3378' gas cut mud w/ sulphur odor
08/08/79	Perforate Navajo:	8687-92'	
	DST #12	(8687-92')	CO2: 586 to 766 MCFPD

PERFORATION RECORD

08/08/79 8687'-8692' 4 JSPF 22 gm chg 32 holes

Klabzuba Oil & Gas Co.

GORDON CREEK UNIT #1

1517' FSL & 1590' FEL

NW/SE Section 19-T14S-R8E

Carbon Co, Utah

API #43-007-30044

State of Utah Lease # - ML-46539

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up over the well and drill out cement plugs #5 and #6.
2. Set CIBP at 8650' w/cmt on top.
3. Perforate the Navajo from 8464'-94' and 8590'-8616'.
4. RIH with 2 3/8" tubing work string.
5. Obtain water samples.
6. Breakdown and acidize perforations. Collect pressure data to determine frac gradient. Swab well back.
7. TOOH with 2 3/8" tubing. Trip in hole with packer and 2 7/8" production tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
8. Test casing and packer. Run step rate test.
9. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**

2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**
 - 2.1 **The name and address of the operator of the project.**

Klabzuba Oil & Gas Inc.
Legacy Tower
700 17th Street, Suite 1300
Denver, Colorado 80202-3512

 - 2.2 **A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

 - 2.3 **A full description of the particular operation for approval is requested.**

Approval is requested to re-enter and convert the Gorden Creek Unit #1 to a water disposal well. The Gorden Creek Unit well was plugged in August, 1979.

 - 2.4 **A description of the pools from which the identified wells are producing or have produced.**

The proposed disposal well will inject into the Navajo Formation. The Navajo has not been productive in the area, and other operators in nearby fields have used the Navajo for disposal of produced water.

 - 2.5 **The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Navajo Formation. In the Gorden Creek Unit #1 well the proposed disposal zone is from 8464' to 8616'. The confining strata directly above and below the injection zones are the Entrada-Carmel and the Kayenta.

 - 2.6 **A copy of a log of a representative well completed in the pool.**

The referenced log for the Gorden Creek Unit #1 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be production water from the wells in the Gorden Creek Area. Water samples indicate production water to have a TDS between 7000 and 8200 ppm. The average estimated injection of fluids will be at a rate of 500 BPD, and the estimated maximum injection will be at a rate of 1500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Klabzuba Oil & Gas Inc. will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed disposal well is on a State lease (Lease #ML-46539) in the Gorden Creek Area, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

- 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining. A copy of the bond log has been included with this permit application.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 20" conductor to 102', 13 3/8" 68# K-55 & 72# N-80 surface casing run to 4349' KB, and 9 5/8" 47# N-80 & S95 casing run from surface to 10,200' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be production water from the wells in the Gorden Creek Area. Water samples indicate production water to have a TDS between 7000 and 8200 ppm. The average estimated injection of fluids will be at a rate of 500 BPD, and the estimated maximum injection will be at a rate of 1500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1500 psig and the maximum injection pressure will not exceed 2500 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Gorden Creek Unit #1, associated with the proposed perforations (8464' - 8616') is estimated at .73 based on reservoir pressures from DST information. Data to determine the frac gradient will be obtained when the Navajo perforations are stimulated. A step rate test could also be done after the Navajo has pressured up after six months to a year of injection. The proposed maximum injection pressure is 2500 psig.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Gorden Creek Unit #1 the proposed injection zone (8464' - 8616') is in the Navajo Sandstone. The Navajo Sandstone is late Triassic early Jurassic, composed of large scale eolian cross-beds, and ranges from 300' to 400' in thickness. Rock color is buff to pale orange, and composition is well sorted, well rounded, fine to medium grain sandstone. Rock porosity ranges from 8% to 18% and averages 12% in the proposed injection interval.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E-1 through E-2. Klabzuba has included a wellbore diagram of the Gorden Creek State 19-14-8 (E-2) although the well is just outside the ½ mile radius.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Klabzuba Oil & Gas Inc. will supply any requested information to the Board or Division.

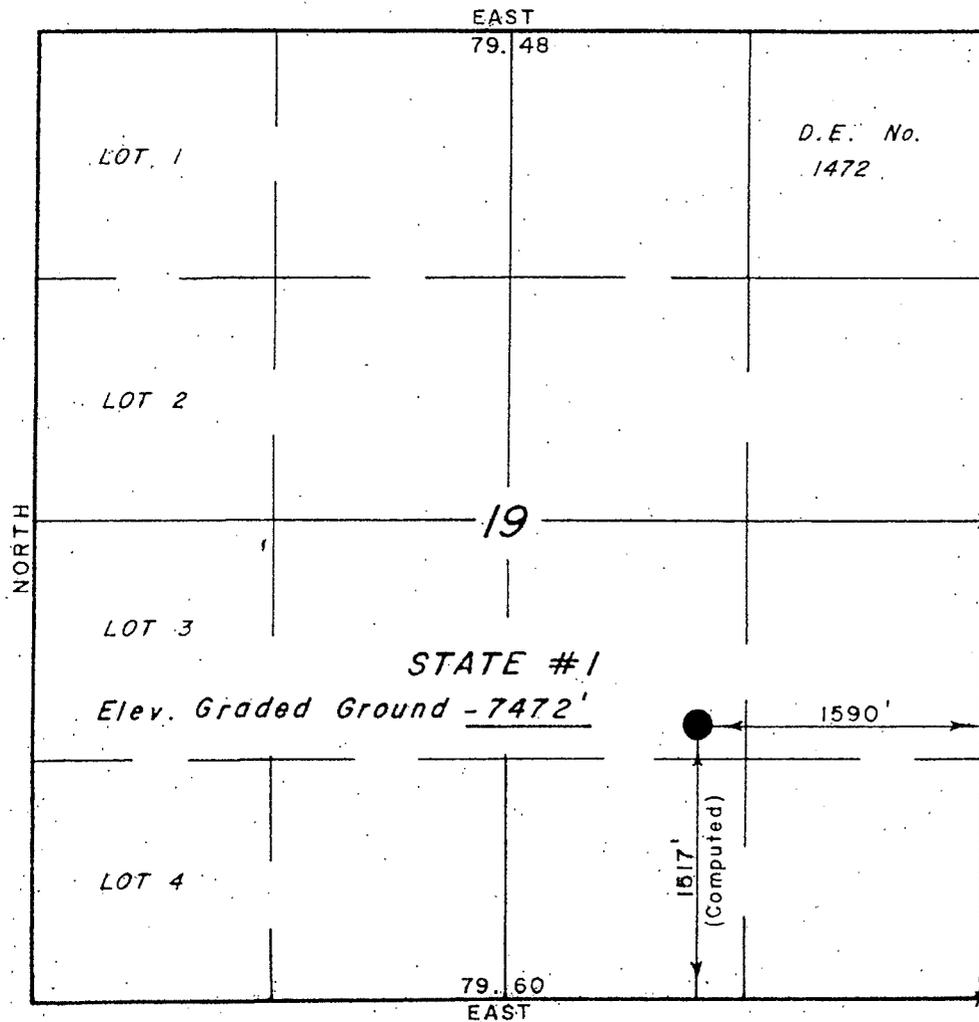
ATTACHMENT A-1

Gorden Creek Unit #1
T14S, R8E, S.L.B. & M.

PROJECT

OCCIDENTAL PETROLEUM CORP.

Well location, STATE #1, located as shown in the NW 1/4 SE 1/4 Section 19, T14S, R8E, S.L.B. & M. Carbon County, Utah.



X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Lawrence P. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO 3137

STATE OF UTAH

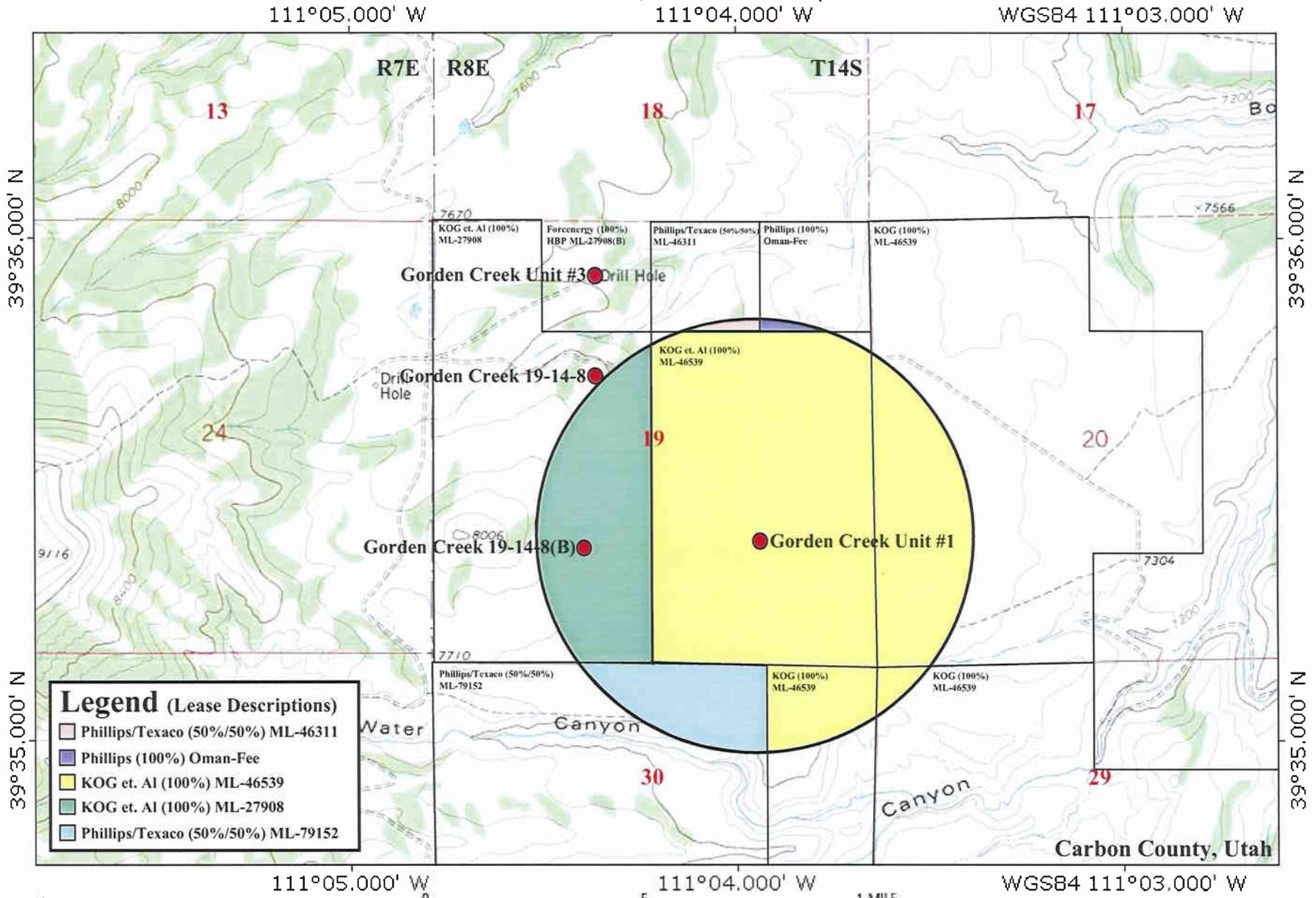
Revised - 5/3/79

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	7/10/78
PARTY	LCK PK RS DJ	REFERENCES	GLO Plat
WEATHER	Hot	FILE	OCCIDENTAL PETRO.

ATTACHMENT A

Gorden Creek 1/2 Mile Radius Map



TN * MN
13°

Map created with TOPO!® ©2001 National Geographic (www.nationalgeographic.com/topo)

ATTACHMENT B

Land Description	Mineral Ownership	Minerals Leased By	Surface Rights
Township 14 South, Range 8 East Section 19: SE/4 & S/2 of NE/4 Section 20: W/2 Section 29: NW/NW/4 Section 30: NE/NE/4	State of Utah ML-46539	Klabzuba Oil & Gas Inc. (et. Al) Dudley & Associates Evertson Exploration	State of Utah
Township 14 South, Range 8 East Section 19: SW/4 & S/2 of NW/4	State of Utah ML-27908	Klabzuba Oil & Gas Inc. (et. Al) Dudley & Associates Evertson Exploration Forest Oil Corporation OXY USA Sidwell Oil & Gas	State of Utah
Township 14 South, Range 8 East Section 19: NW/NE/4	State of Utah ML-46311	Phillips Petroleum Company Texaco Exploration & Production	State of Utah
Township 14 South, Range 8 East Section 19: NE/NE/4	Milton B. Oman Estate	Phillips Petroleum Company	Milton B. Oman Estate
Township 14 South, Range 8 East Section 30: NW/NE/4 & NE/NW/4	State of Utah ML-79152	Phillips Petroleum Company Texaco Exploration & Production	State of Utah

KLABZUBA OIL & GAS
A FAMILY LIMITED PARTNERSHIP

Legacy Tower
700 Seventeenth Street, Suite 1300
Denver, Colorado 80202-3512
Phone: 303-299-9097 Fax: 303-299-9087

August 4, 2002

State of Utah
Division of Oil, Gas and Mining
Mr. Brad Hill
Post Office Box 145801
Salt Lake City, Utah 84114-5801

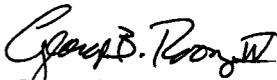
RE: Permit Application for Water Disposal Well
Gordon Creek Unit #1
API # 43-007-30044
Gordon Creek Area, State Lease ML-46539
Section 19-Township 14S-Range 8E
Carbon County, Utah

Dear Brad:

Enclosed are the cross section and structure map for the Gordon Creek Unit #1 water disposal well application, as requested by you office. The APD for this well should be completed this week and I will send you a copy.

If you have any questions or require additional information, please contact me at (303) 299-9097 ext. 111.

Sincerely,


George Rooney
Petroleum Engineer

Enclosures

RECEIVED

AUG 09 2002

DIVISION OF
OIL, GAS AND MINING

Principal Office

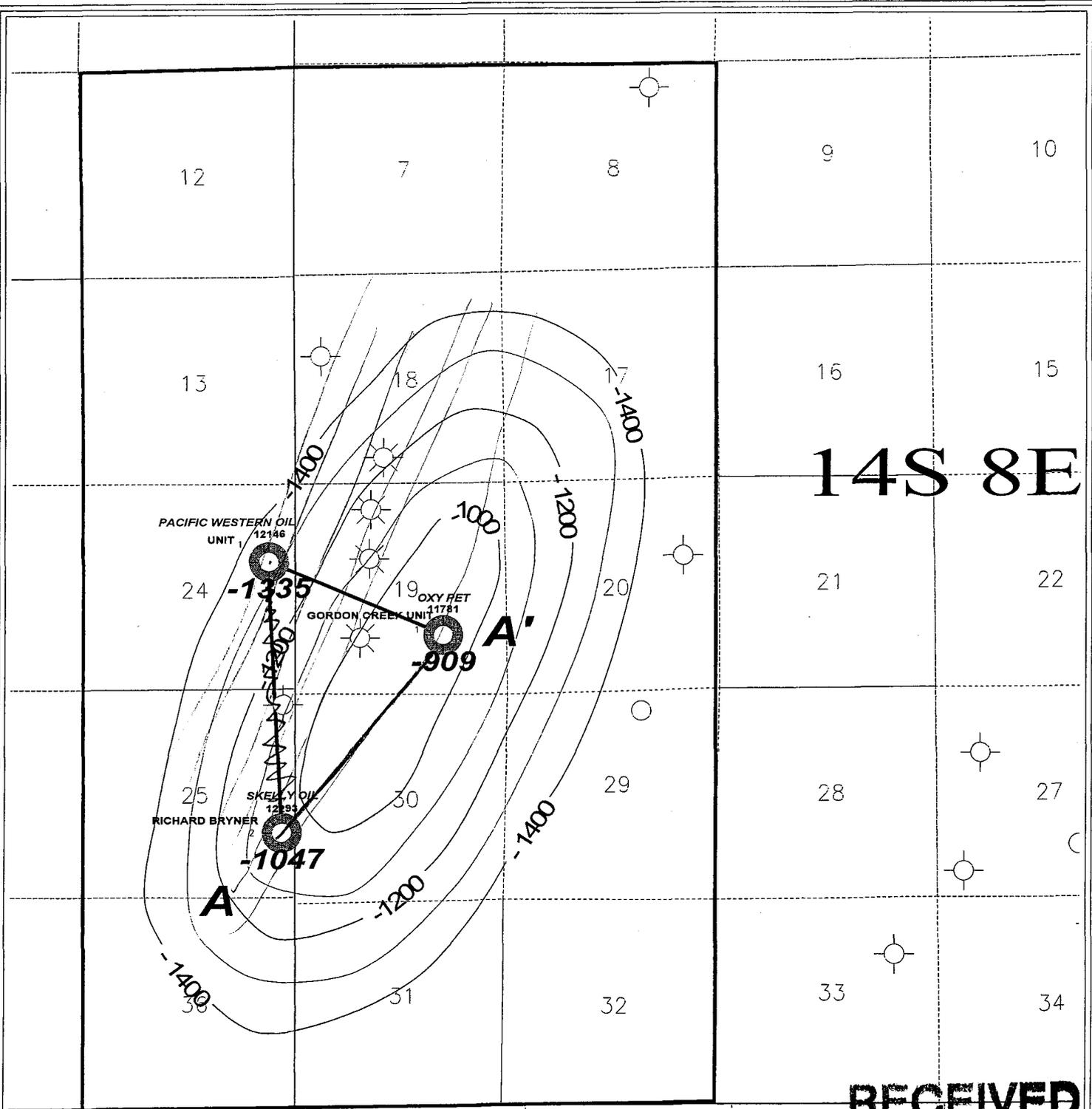
Lexington Place
930 West First Street
Fort Worth, Texas 76102
Phone 817-336-5757 FAX 817-336-5927

Havre Office

48 Second Avenue
P.O. Box 40
Havre, Montana 59501
Phone 406-262-9912 FAX 406-262-9400

Arkoma Basin Office

5908 Jenny Lind Road
Fort Smith, Arkansas 72908-7497
Phone 501-649-0300 FAX 501-649-0500



14S 8E

RECEIVED

Navajo SS Structure Contours

MSC 7/5/02

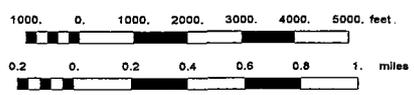
CI=100 Ft.

AUG 09 2002

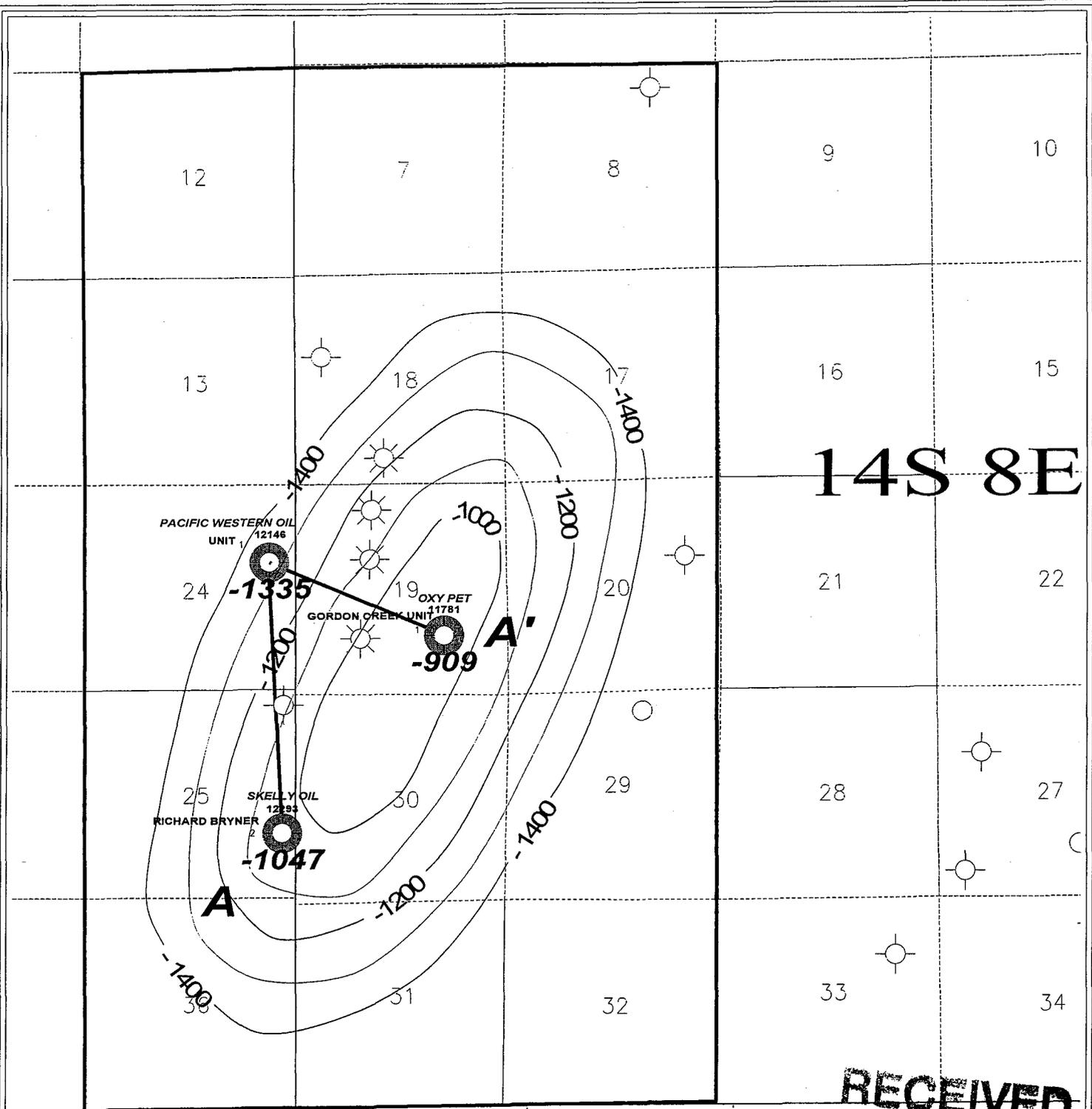
DIVISION OF
OIL, GAS AND MINING

State Plane Coordinate System
Utah Central

Scale 1:43320.36



Klabzuba Oil & Gas
Gordon Creek Prospect
Carbon Co., Utah



14S 8E

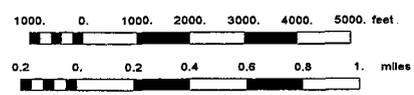
Navajo SS Structure Contours

MSC 7/5/02

CI=100 Ft.

State Plane Coordinate System
Utah Central

Scale 1:43320.36



RECEIVED

AUG 09 2002

DIVISION OF
OIL, GAS AND MINING

**Klabzuba Oil & Gas
Gordon Creek Prospect
Carbon Co., Utah**

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II disposal Well
Gorden Creek Unit #1

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: George B. Rooney IV
Klabzuba Oil & Gas Inc.
George Rooney
Petroleum Engineer

Sworn to and subscribed before me this 20th day of March, 2002.

Notary Public in and for the State of Colorado: [Signature]

My Commission Expires: August 29, 2005

Gorden Creek Unit #1 Proposed Injection Diagram

Initial Production: NA

Spud Date: 01/11/79
Put on Production: NA
P&A'd: 08/12/79
GL: 7472' KB: 7494'

Wellbore Diagram
03/09/02
GBR IV

CONDUCTOR CASING

CSG SIZE: 20"
GRADE: NA
WEIGHT: NA
LENGTH: NA
DEPTH LANDED: 102'
HOLE SIZE: NA
CEMENT DATA: Cement to surface

SURFACE CASING

CSG SIZE: 13 3/8"
GRADE: N-80 & K-55
WEIGHT: 72# & 68#
LENGTH: NA
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HOLE SIZE: 17 1/2"
CEMENT DATA: 1st Stage: 1380 sks Hall. Light & 300 sks Class H
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Returns to surface

PRODUCTION CASING

CSG SIZE: 9 5/8"
GRADE: N-80 & S-95
WEIGHT: 47#
LENGTH: NA
DEPTH LANDED: 10,200'
HOLE SIZE: 12 1/4"
CEMENT DATA: 1st Stage: 1347 sks Class H 2nd Stage: 1072 sks Class H
CEMENT TOP AT: 4900' per CBL 06/20/1979

TUBING

SIZE/GRADE/WT.: 2-7/8" / N-80 / 6.5#
NO. OF JOINTS:
NO. OF JOINTS:
NO. OF JOINTS:
SN: (1.10')
MODEL 'R3' PACKER: 8380' KB
NO. OF JOINTS:
EOT @ 8380'

LOGS: NEC/IL/DN/GR & CBL

102' KB
Mesaverde @ 200'

Upper Mancos @ 1600'

Stage Collar @ 1992' KB

4349' KB

Stage Collar @ 8154' KB

10,200' KB

11,781' KB

Ferrin @ 3250'
Lower Mancos @ 3650'
Dakota @ 4025'
Cedar Mtn. @ 4120'

Carmel @ 7650'

Packer @ 8380'
Navajo @ 8402'
Proposed: 8464-94'
Proposed: 8590'-8616'
CIBP w/cmt @ 8650'
8687-92''

Kayenta @ 8750'

Open Hole from 10,200' to 11,781'
SN: 8375'
EOT: 8380'
PBTD: 8650'
Shoe: 10,200' KB
TD: 11,781' KB

Sinbad @ 10,460'

Kiabab @ 10,889'
Coconis @ 11,137'

*Note: No Plug #1

Well Completion

02/21/79	DST #1	(3270-91')	Misrun
	DST #1A	(3270-91')	52 to 113 MCFPD @ 25 psig
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	DST #2A	(4074'-4015')	Misrun
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07/25/79	DST #9	(11,543-680')	1,666 MCFPD CO2, 15 PPM H2S
07/29/79	DST #10	(11,688-781')	Misrun
08/01/79	DST #11	(11,647-781')	Rec. 5540' fluid: 376' mud, 1768' gas cut mud, & 3378' gas cut mud w/ sulphur odor
08/08/79	Perforate Navajo:	8687-92'	
	DST #12	(8687-92')	CO2: 586 to 766 MCFPD

PERFORATION RECORD

08/08/79	8687'-8692'	4 JSFP 22 gm chg	32 holes
Proposed	8464-94'	4 JSFP	120 Holes
Proposed	8590-8616'	4 JSFP	104 Holes

Klabzuba Oil & Gas Co.

GORDON CREEK UNIT #1

1517' FSL & 1590' FEL

NW/SE Section 19-T14S-R8E

Carbon Co, Utah

API #43-007-30044

State of Utah Lease # - ML-46539

ATTACHMENT E

Gorden Creek State 19-14-8 (B)

Spud Date: 10/14/01
 Put on Production:
 GL: 7644' KB: 7655'

Wellbore Diagram
 12/14/01
 GBR IV

Initial Production:

SURFACE CASING

CSG SIZE: 9-5/8"
 GRADE: J-55
 WEIGHT: 36#
 LENGTH: 2002'
 DEPTH LANDED: 2013'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 560 sxs 50/50 POZ, 300 sxs Class 'G', no returns, pump 300 sxs. Class 'G' from from top

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: N-80
 WEIGHT: 17#
 LENGTH: 92 jts. (3895')
 DEPTH LANDED: 3905'
 HOLE SIZE: 8 3/4"
 CEMENT DATA: 186 sxs. 50/50 POZ, 204 sxs. Premium AG 300 sxs
 CEMENT TOP AT: 2250' per CBL

TUBING

SIZE/GRADE/WT.: 2-3/8" / J-55 / 4.7#
 NO. OF JOINTS: 1 (31.25')
 NO. OF JOINTS: 1 PUB JOINT (8.08')
 NO. OF JOINTS: 114 (3642.84')
 SN: (1.10')
 MODEL 'R3' PACKER: 3695.40'KB
 NO. OF JOINTS: 1 (32.57')
 EOT @ 3730'

SUCKER RODS

POLISHED ROD:
 SUCKER RODS:
 PUMP SIZE:
 STROKE LENGTH:
 PUMP SPEED
 LOGS: DIGL/DN/GR/CAL SP Failed

Well Completion

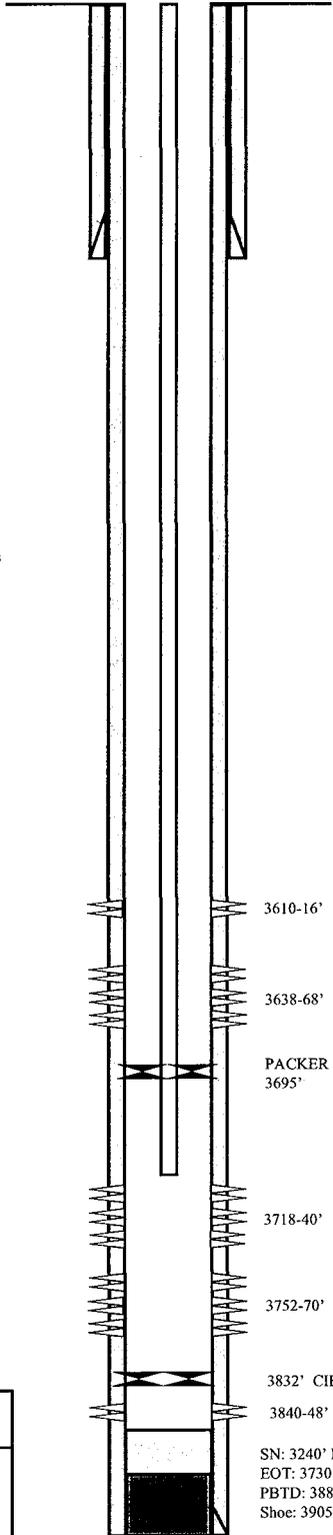
11/16/01 3840'-3848' **Acidize as follows:**
Ferron Deep 500 gals 15% HCL. Breakdown 1.5 bpm
 1800 #, ISIP on vaccuum

11/19/01 3752'-3770' **Acidize as follows:**
Ferron B 1000 gals. 15% HCL, Breakdown 3 bpm
 @750 #, treat @ 630#, ISIP on vaccuum

11/19/01 3718'-3740' **Acidize as follows:**
Ferron B 1000 gals 15% HCL, Breakdown 3 bpm
 @ 922#, treat @ 850# down to 450#,
 ISIP on vaccuum

11/27/01 3638'-3668' **Acidize as follows:**
Ferron C 1500 gal 15% HCL, treat @ 80# 4bpm
 ISIP on vaccuum

11/27/01 3610'-3616' **Acidize as follows:**
Ferron C 500 gals. 15% HCL, max. press. 750#,
 ISIP on vaccuum



PERFORATION RECORD

Date	Depth Range	Completion Type	Holes
11/16/01	3840'-3848'	4 JSPF	32 holes
11/19/01	3752'-3770'	4 JSPF	72 holes
11/19/01	3718'-3740'	4 JSPF	88 holes
11/27/01	3638'-3668'	4 JSPF	120 holes
11/27/01	3610'-3616'	4 JSPF	24 holes

SN: 3240' KB
 EOT: 3730' KB
 PBD: 3887' KB
 Shoe: 3905' KB

Klabzuba Oil & Gas Co.

GORDON CR. ST. 19-14-8 (B)

1404' FNL & 1703' FWL
 NE/SW Section 19-T14S-R8E
 Carbon Co, Utah
 API #43-007-30807
 State of Utah Lease # - ML-27908

Gorden Creek State 19-14-8

Spud Date: 7/11/01

Put on Production:

GL: 7628' KB: 7633' *Note: Actual GL: 7625'

Wellbore Diagram

Initial Production:

Updated 12/22/01

SURFACE CASING

CSG SIZE: 9-5/8"
 GRADE: J-55
 WEIGHT: 36#
 LENGTH: 539'
 DEPTH LANDED: 547' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 305 sxs

INTERMEDIATE CASING

CSG SIZE: 7"
 GRADE: J-55
 WEIGHT: 20#
 LENGTH: 2029'
 DEPTH LANDED: 2037' KB
 HOLE SIZE: 8 3/4"
 CEMENT DATA: 140 sxs 50/50 poz & 65 sxs of Class G
 CEMENT TOP AT: Surface

PRODUCTION CASING

CSG SIZE: 4-1/2"
 GRADE: I-80
 WEIGHT: 11.6#
 LENGTH: 90 jts. (3795')
 DEPTH LANDED: 3803' KB
 HOLE SIZE: 6 1/4"
 CEMENT DATA: 140 sxs 50/50 poz & 102 sxs Class G
 CEMENT TOP AT: 2640' per CBL

TUBING

SIZE/GRADE/WT.: 2-3/8" / J-55 / 4.7#
 NO. OF JOINTS: 108 (3492')
 SN: (1.10')
 PACKER: None
 EOT @ 3501' KB

SUCKER RODS

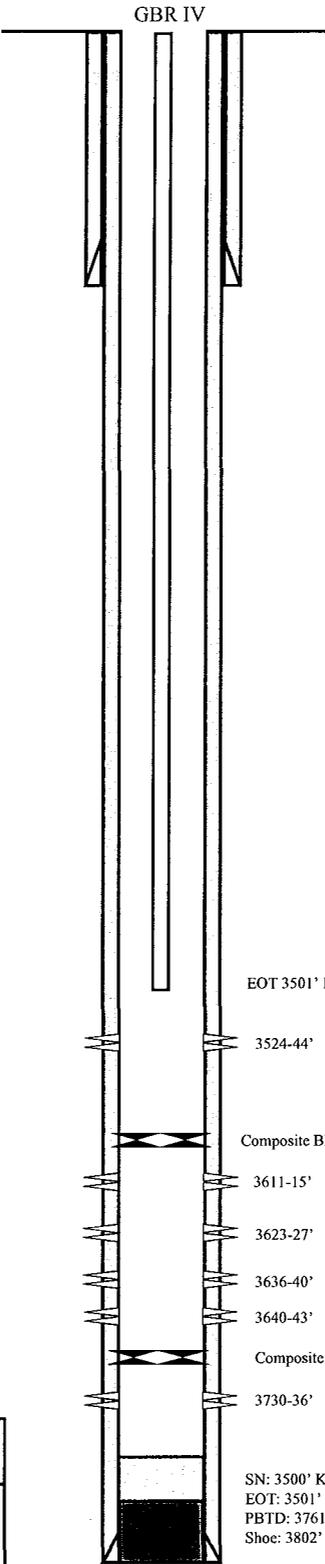
POLISHED ROD:
 SUCKER RODS:
 PUMP SIZE:
 STROKE LENGTH:
 PUMP SPEED:

Logs

LOGS: Open Hole DILs across Ferron C
 Cased hole DIL/DN/GR/CAL

Well Completion

09/15/01 3730-3736' **Acidize as follows:**
Ferron A 500 gals 15% HCL. Then Frac with 47,000# of 16/30 snd in 570 bbl of gelled fluid @ 13-15 BPM. Press - 900-1800 psig. ISIP 950 psig.
 09/29/01 3611-3646' **Frac as follows:**
Ferron B 100,000# 16/30 snd in 1048 bbls of gelled fluid @ 40.5 BPM 1600-2200 psig. Job screened out with 20 bbl flush remaining.
 10/11/01 3524-3544' **Acidize as follows:**
Ferron C 300 gals of 7 1/2 % HCL, then 750 gals of MCA (7 1/2 % HCL & 1 1/2 % HF), then 300 gals of 7 1/2 % HCL @ 7+ BPM ISIP 120 psig.



PERFORATION RECORD

Date	Depth Range	Tool	Holes
10/11/01	3524-44'	4 JSPF	80 holes
09/28/01	3611-15'	4 JSPF	16 holes
09/28/01	3623-27'	4 JSPF	16 holes
09/28/01	3636-40'	4 JSPF	16 holes
09/28/01	3643-46'	4 JSPF	12 holes
09/14/01	3730-36'	4 JSPF	24 holes

EOT 3501' KB

3524-44'

Composite BP - 3600' KB

3611-15'

3623-27'

3636-40'

3640-43'

Composite FT BP - 3715' KB

3730-36'

SN: 3500' KB
 EOT: 3501' KB
 PBTD: 3761' KB
 Shoe: 3802' KB

Klabzuba Oil & Gas Co.

Gorden Creek 19-14-8

1948' FNL & 1886' FWL

SE/NW Section 19-T14S-R8E

Carbon Co, Utah

API #43-007-30724

State of Utah Lease # - ML-27908

ATTACHMENT F

Analytical Laboratory Report for:

KLAB ZUBA



**BJ Unichem
Chemical Services**

UNICHEM Representative: Rick Crosby

Production Water Analysis

Listed below please find water analysis report from: Gordon Creek State, 19-14-8B

Lab Test No: 2001402886 Sample Date: 12/10/2001
Specific Gravity: 1.006
TDS: 8130
pH: 7.50

Ferron C

Cations:	mg/L	as:
Calcium	480	(Ca ⁺⁺)
Magnesium	0	(Mg ⁺⁺)
Sodium	2530	(Na ⁺)
Iron	16.00	(Fe ⁺⁺)
Manganese	0.30	(Mn ⁺⁺)
Anions:	mg/L	as:
Bicarbonate	854	(HCO ₃ ⁻)
Sulfate	0	(SO ₄ ⁻)
Chloride	4250	(Cl ⁻)
Gases:		
Carbon Dioxide		(CO ₂)
Hydrogen Sulfide	0	(H ₂ S)

Lab Comments:
3610-3638-68

Ferron C
3610-16'
3638-68'

ATTACHMENT F

Analytical Laboratory Report for:
KLAB ZUBA



B.J. Unichem
Chemical Services

UNICHEM Representative: Rick Crosby

Production Water Analysis

Listed below please find water analysis report from: Gordon Creek State, 19-14-BB

Lab Test No: 2001402887 Sample Date: 12/10/2001
Specific Gravity: 1.006
TDS: 7235
pH: 7.30

Ferron B

Cations:	mg/L	as:
Calcium	240	(Ca ⁺⁺)
Magnesium	49	(Mg ⁺⁺)
Sodium	2185	(Na ⁺)
Barium	0.20	(Ba ⁺⁺)
Strontium	9.00	(Sr ⁺⁺)
Anions:	mg/L	as:
Bicarbonate	1952	(HCO ₃ ⁻)
Sulfate	0	(SO ₄ ⁻²)
Chloride	2800	(Cl ⁻)
Gases:		
Carbon Dioxide		(CO ₂)
Hydrogen Sulfide	1	(H ₂ S)

Lab Comments:
3718-40

Ferron B
3718-40'
3752-70'

ATTACHMENT F

Analytical Laboratory Report for:

KLAB ZUBA



**BJ Unichem
Chemical Services**

UNICHEM Representative: Rick Crosby

Production Water Analysis

Listed below please find water analysis report from: Gordon Creek State, 19-14-8B

Lab Test No: 2001402888 Sample Date: 12/10/2001
Specific Gravity: 1.006
TDS: 7499
pH: 7.00

Ferron B

Cations:	mg/L	as:
Calcium	240	(Ca ⁺⁺)
Magnesium	49	(Mg ⁺⁺)
Sodium	2438	(Na ⁺)
Iron	12.00	(Fe ⁺⁺)
Manganese	0.30	(Mn ⁺⁺)
Anions:	mg/L	as:
Bicarbonate	1220	(HCO ₃ ⁻)
Sulfate	0	(SO ₄ ⁻)
Chloride	3540	(Cl ⁻)
Gases:		
Carbon Dioxide		(CO ₂)
Hydrogen Sulfide	1	(H ₂ S)

Lab Comments:
3752-3770

Ferron B
3718-40
3752-70

Attachment G

Gorden Creek Unit #1
Proposed Maximum Injection Pressure

*Note: Frac gradient calculated using an estimated surface breakdown pressure of 2550 psig.

Frac Interval (feet)		Avg. Depth (feet)	Res. Press. from DST (psi)	Normal Press. (psi)	Estimated Surface Breakdown Pres. (psig)	Estimated Frac Gradient (psi/ft)	Pmax (psig)
Top 8464	Bottom 8616	8540	4000	3700	2550	0.73	← <u>2500</u>
						Minimum	

No pressures were reported.

Calculation of Maximum Surface Injection Pressure^{all}
 $P_{max} = (\text{Frac Grad} - (0.433 * 1.006)) \times \text{Depth of Top Perf}$ ^{21492, 251}
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.006.

Frac Gradient = $(2550 + (0.433 * \text{Avg. Depth})) / \text{Avg. Depth}$

6247.52
1.73

4336
12926

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Plug #4A Set 150' plug from 8650' to 8400' with 200 sx Class "G" cement.
2. Plug #5A Set 400' plug from 4500'-4100' with 150 sx Class "G" cement.
3. Plug #6A Set 200' plug from 200' to surface with 80 sx Class "G" cement.
4. Remove wellhead and install dry hole marker.

The approximate cost to plug and abandon this well is \$20,000.

Gorden Creek Unit #1 Proposed Plugging Diagram

Initial Production: NA

Spud Date: 01/11/79
Put on Production: NA
P&A'd: 08/12/79
GL: 7472' KB: 7494'

Wellbore Diagram
03/09/02
GBR IV

CONDUCTOR CASING

CSG SIZE: 20"
GRADE: NA
WEIGHT: NA
LENGTH: NA
DEPTH LANDED: 102'
HOLE SIZE: NA
CEMENT DATA: Cement to surface

SURFACE CASING

CSG SIZE: 13 3/8"
GRADE: N-80 & K-55
WEIGHT: 72# & 68#
LENGTH: NA
DEPTH LANDED: 4349'
HOLE SIZE: 17 1/2"
CEMENT DATA: 1st Stage: 1380 sks Hall. Light & 300 sks Class H
2nd Stage: 1189 sks Hall. Light & 200 sks Class H
Returns to surface

PRODUCTION CASING

CSG SIZE: 9 5/8"
GRADE: N-80 & S-95
WEIGHT: 47#
LENGTH: NA
DEPTH LANDED: 10,200'
HOLE SIZE: 12 1/4"
CEMENT DATA: 1st Stage: 1347 sks Class H 2nd Stage: 1072 sks Class H
CEMENT TOP AT: 4900' per CBL 06/20/1979

TUBING

SIZE/GRADE/WT.: 2-7/8" / N-80 / 6.5#
NO. OF JOINTS:
NO. OF JOINTS:
NO. OF JOINTS:
SN: (1.10')
MODEL 'R3' PACKER: 8380' KB
NO. OF JOINTS:
EOT @ 8380'

LOGS: NEC/IL/DN/GR & CBL

102' KB
Mesaverde @ 200'

Upper Mancos @ 1600'

Stage Collar @ 1992' KB

4349' KB

Ferrin @ 3250'
Lower Mancos @ 3650'
Dakota @ 4025'
Cedar Mtn. @ 4120'

Stage Collar @ 8154' KB

Carmel @ 7650'

Navajo @ 8402'
Proposed: 8464-94'
Proposed: 8590'-8616'
CIBP w/cmt @ 8650'
8687-92''

Kayenta @ 8750'

Open Hole from 10,200' to 11,781'
SN: 8375'
EOT: 8380'
PBTD: 8650'
Shoe: 10,200' KB
TD: 11,781' KB

10,200' KB

Sinbad @ 10,460'

Kiabab @ 10,889'
Coconis @ 11,137'

11,781' KB

Plug #2
11,779' to 11,227'
300 sks Class H

*Note: No Plug #1

Well Completion

02/21/79 DST #1 (3270-91') Misrun
DST #1A (3270-91') 52 to 113 MCFPD @ 25 psig
02/27/79 DST #2 (4074'-4015') Misrun
DST #2A (4074'-4015') Misrun
03/03/79 DST #3 (4050'-4100') 3633' of Drlg mud no gas
05/10/79 DST #4 (8550-8703') 2000 MCFPD CO2
05/14/79 DST #5 (8448'-8703') Misrun
06/26/79 DST #6 (10,200-438') Weak blow, trace CO2, 384' mud
07/01/79 DST #7 (10,420-584') Weak blow, no CO2
07/17/79 DST #8 (11,176-381') Weak blow, 50' mud
07/25/79 DST #9 (11,543-680') 1,666 MCFPD CO2, 15 PPM H2S
07/29/79 DST #10 (11,688-781') Misrun
08/01/79 DST #11 (11,647-781') Rec. 5540' fluid: 376' mud, 1768'
gas cut mud, & 3378' gas cut mud w/ sulphur odor
08/08/79 Perforate Navajo: 8687-92'
DST #12 (8687-92') CO2: 586 to 766 MCFPD

PERFORATION RECORD

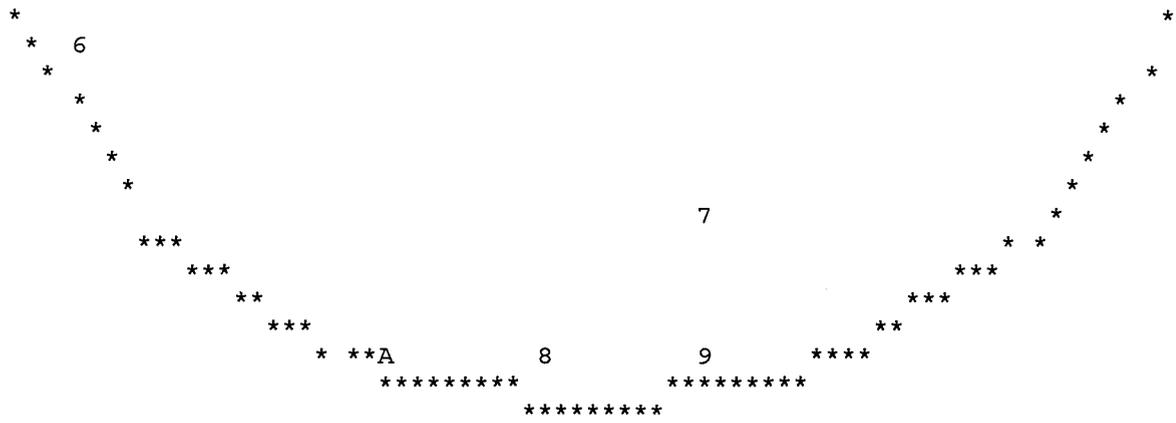
08/08/79 8687'-8692' 4 JSPP 22 gm chg 32 holes
Proposed 8464-94' 4 JSFP 120 Holes
Proposed 8590-8616' 4 JSFF 104 Holes

Klabzuba Oil & Gas Co.

GORDON CREEK UNIT #1

1517' FSL & 1590' FEL
NW/SE Section 19-T14S-R8E
Carbon Co, Utah
API #43-007-30044
State of Utah Lease # - ML-46539

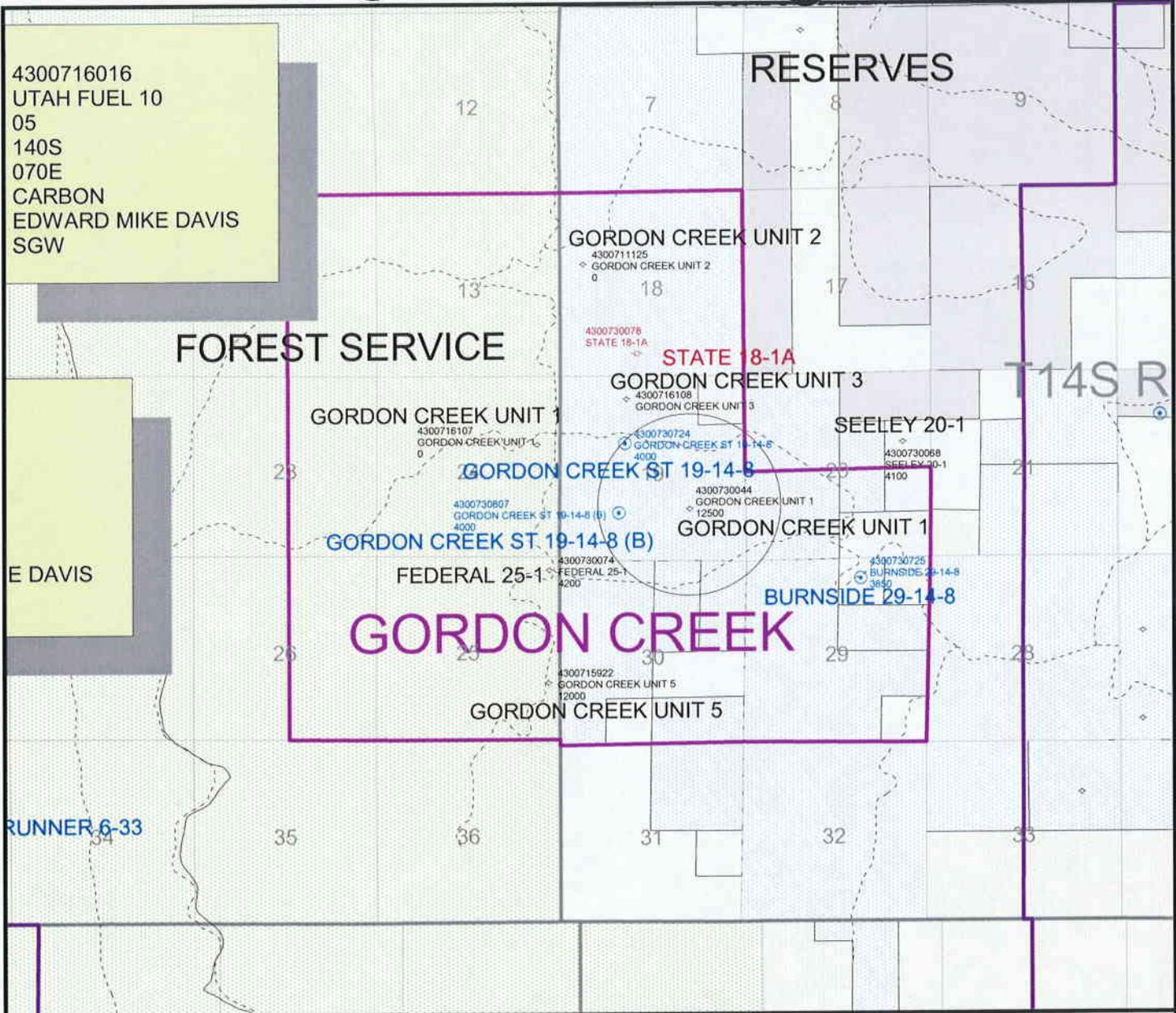
ATTACHMENT H-1



UTAH DIVISION OF WATER RIGHTS
 NWPLAT POINT OF DIVERSION LOCATION PROGRAM

MAP CHAR	WATER RIGHT	QUANTITY CFS	AND/OR	AC-FT	SOURCE DESCRIPTION or WELL INFO	POINT OF DIVERSION DESCRIPTION
					DIAMETER DEPTH YEAR LOG NORTH EAST	CNR SEC TWN RNG B&M
0	91 3111	.0110		.00	Unnamed Spring	
						PRIORITY DATE: 00/00/18 Salt Lake City
					717 Continental Bank Building	
1	91 3073	.0000		.00	Bob Bishop Canyon Creek	
						PRIORITY DATE: 00/00/18 Salt Lake City
					State of Utah School & Institutional Tru 675 East 500 South, 5th Floor	
2	91 3073	.0000		.00	Bob Bishop Canyon Creek	
						PRIORITY DATE: 00/00/18 Salt Lake City
					State of Utah School & Institutional Tru 675 East 500 South, 5th Floor	
3	91 4209	.1000		.00	6 10 - 500	
						PRIORITY DATE: 09/06/19 Salt Lake City
					N 1411 W 1484 SE 19 14S 8E SL State of Utah School & Institutional Tru 675 East 500 South, 5th Floor	

4	<u>91 4212</u>	1.0500	.00 Underground Water Well	N 1410 W 1785 SE 19 14S 8E SL
			WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING	PRIORITY DATE: 09/19/19
			Oman, Milton A. 1714 Millcreek Way	Salt Lake City
5	<u>91 4191</u>	.0150	.00 Unnamed Spring	
			WATER USE(S):	PRIORITY DATE: 00/00/18
			USA Forest Service 324 - 25th Street	Ogden
6	<u>91 991</u>	.0000	.00 First Water Canyon Creek	
			WATER USE(S):	PRIORITY DATE: 00/00/18
			USA Forest Service 324 25th Street	Ogden
7	<u>91 3926</u>	.0000	.00 North Fork Corner Canyon Creek	
			WATER USE(S):	PRIORITY DATE: 00/00/18
			State of Utah School & Institutional Tru 675 East 500 South, 5th Floor	Salt Lake City
8	<u>91 1656</u>	.0000	.00 North Fork Corner Canyon Creek	
			WATER USE(S):	PRIORITY DATE: 00/00/18
			Burnside, Sarah McVey	Huntington
9	<u>91 1656</u>	.0000	.00 North Fork Corner Canyon Creek	
			WATER USE(S):	PRIORITY DATE: 00/00/18
			Burnside, Sarah McVey	Huntington
A	<u>91 2704</u>	.0000	.00 North Fork Corner Canyon Creek	
			WATER USE(S): STOCKWATERING	PRIORITY DATE: 00/00/18
			USA Bureau of Land Management (Price Fie 125 South 600 West	Price
A	<u>91 2704</u>	.0000	.00 North Fork Corner Canyon Creek	
			WATER USE(S): STOCKWATERING	PRIORITY DATE: 00/00/18
			USA Bureau of Land Management (Price Fie 125 South 600 West	Price
A	<u>91 4400</u>	.0000	.00 Corner Canyon Creek	
			WATER USE(S): STOCKWATERING	PRIORITY DATE: 00/00/18
			State of Utah School & Institutional Tru 675 East 500 South, 5th Floor	Salt Lake City
A	<u>91 4400</u>	.0000	.00 Corner Canyon Creek	
			WATER USE(S): STOCKWATERING	PRIORITY DATE: 00/00/18
			State of Utah School & Institutional Tru 675 East 500 South, 5th Floor	Salt Lake City

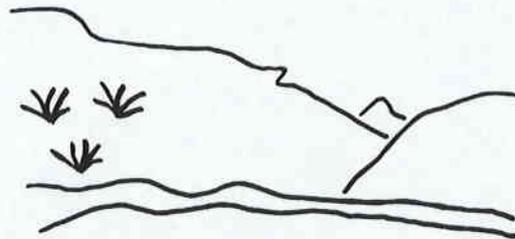


LEGEND

Well Status

- ✓ GAS INJECTION
- GAS STORAGE WELL
- LOCATION ABANDONED
- ⊙ NEW LOCATION
- ◊ PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- × TEMP. ABANDONED
- TEST WELL
- ▲ WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL

- County Boundary
 - Sections
 - Township
- Field Status**
- ABANDONED
 - ACTIVE
 - COMBINED
 - INACTIVE
 - PROPOSED
 - STORAGE
 - TERMINATED



Utah Oil Gas and Mining

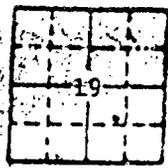


Prepared By: K. Michael Hebertson



ROCKY MOUNTAIN GEO-ENGINEERING CO.

WELL SITE GEOLOGIST JOHN S. WILLIAMS
G. CUSHEN COPELAND
 2450 INDUSTRIAL BLVD. BRANNO JUNCTION, COLORADO 81501



STATE: UTAH COUNTY: CARBON
 OPERATOR: OCCIDENTAL PETROLEUM, INC.
 WELL NAME: GORDON CREEK NO. 1
 SPOT: 1517' FSL - 1590' FEL FOOTAGE: _____
 SECTION: NW 1/4, SE 1/4 19 TWP. 14S, RGE. 8E
 TOTAL DEPTH: 11,781' CONTRACTOR: TRUE DRILLING COMPANY
 SPUD: JANUARY 12, 1979 COMPLETED: AUGUST 2, 1979
 SAMPLE QUALITY: _____ I.P.: _____
 ELEVATION: 7479' K.B. 7494' G.L. 7472'

	KB DATUM SURF	SEA LEVEL DATUM	LOG TOPS	KB	SEA	KB	SEA
EMERY SS			CURTIS FM	6241	+1253	SINBAD (LS-MBR)	10480 -2986
MANCOS SH	1615	+5879	ENTRADA FM	6280	+1214		
FERRON SS	3250	+4244	CARMEL FM	7375	+119	KAIEAB FM	10895 -3401
TUNUNK SH	3645	+3849	NAVAJO SS	8590	-1096	COCONINO SS	11120 -3626
DAKOTA SS	4022	+3472	KAYENTA FM	8790	+1296		
CEDAR MTN SH	4115	+3379	WINGATE FM	8955	-1461		
BUCKHORN CGL	4609	+2885	CHINLE FM	9290	-1796		
MORRISON FM	4690	+1804	SHINARUMP CGL	9605	-2111		
SUMNERVILLE	5635	+1859	MOENKOPI FM	9640	-2146		

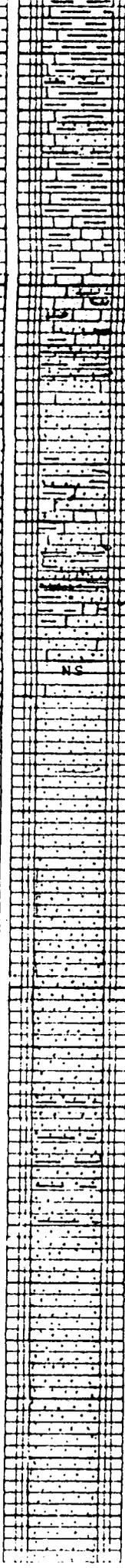
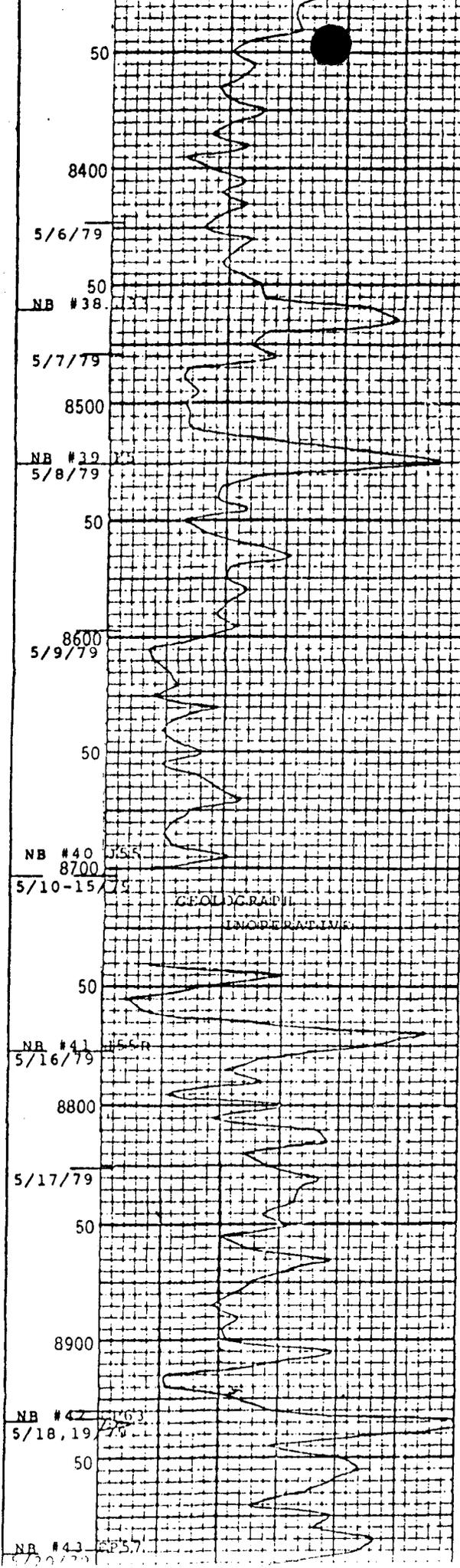
CASING

20" @ 80'
 13 3/8" @ 4349'
 9 5/8" @ 10200'

SYMBOLS

	Dolomite - Dolo.		Sancy Dolomite		Var. Shale	NB - New Bit
	Limestone - Ls.		Siliceous Limestone		Sandy Shale	SLM - Steel Line Measure
	Chert - Cht.		Arg. Dolomite		Coal	C.O. - Circulate Out
	Anhydrite - Anhy.		Anhy. Limestone		Red Ss. or Sh.	Dev. - Deviation
	Marl - Mrl.		Arg. Sandstone		Grn. Ss. or Sh.	Spl. - Sample
	Sandstone - Ss.		Calc. Sandstone		Igneous - Ign.	P. - Poor
	Shale - gry. - Sh.		Calc. Shale		Conglomerate - Congl.	F. - Fair
	Siltstone - Siltst.					G. - Good
						M. - Medium
						Tr. - Trace
						Sl. - Slight

Depth	Drilling Time	Show	Lithology	Porosity	Description	DST's & Cores etc.
BIT #1: DTJ						
50					is gray, fq, drty, psyd, vicalc. 2 sh. an-vcl. silty vfg	



ls dkgrv, mic-vixln, dase, hrd
sh aa w/s redbrn, sft, fri

sh lrgry, v-brn, sity, sic-frm
blk, v-calc
ss redbrn-whf-buf, vf-mg, ang-sbr
calc cmt

ls aa
ss redbrn, vf-fg, shang-sbrdd,
siv calc cmt

ls aa

sh aa

ss redbrn-whf-buf, vf-mg, ang-sbr
calc cmt

ls aa

ss aa w/s whf, vcalc cmt

ss aa

sh gry-lrgry, sity, grdg to calc
sft-frm

sh dkgrv-lrgry-redbrn, sity, blk
frm-frm

ss whf-lbrn, vf-mg, ang-sbrdd,
m-wcem, calc

ls gry, vixln, sity, grdg to vcalc
sft-frm

NS

US

ss whf-lbrn-clr, f-mg, frstd,
m-vpcem, sbrdd-sbang, calc cmt

ss

ss aa pred wcem

ss redbrn, f-mg, fpi, mcem, calc
cmt, sbrdd-sbang

sh gry-dkgrv, sft-frm-blk, calc

sh dkgrv-blk, hrd

DEV
13.4

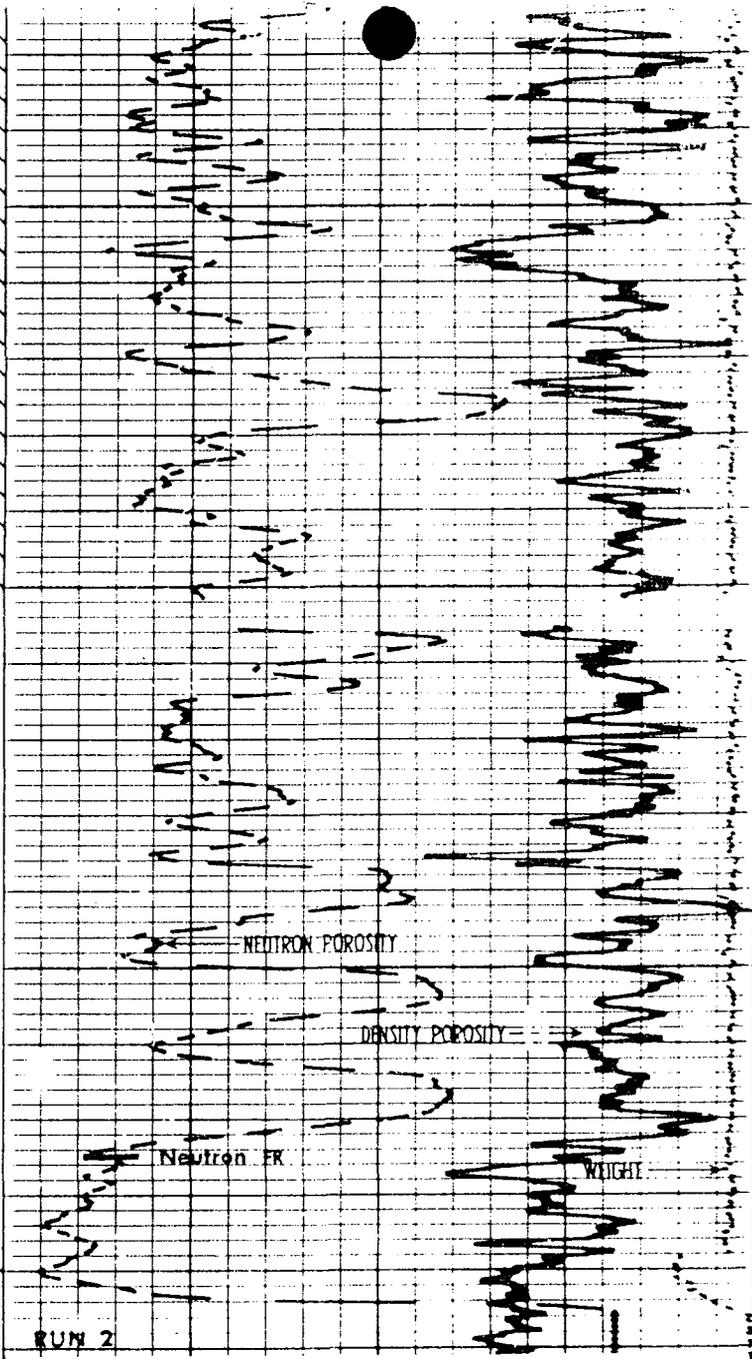
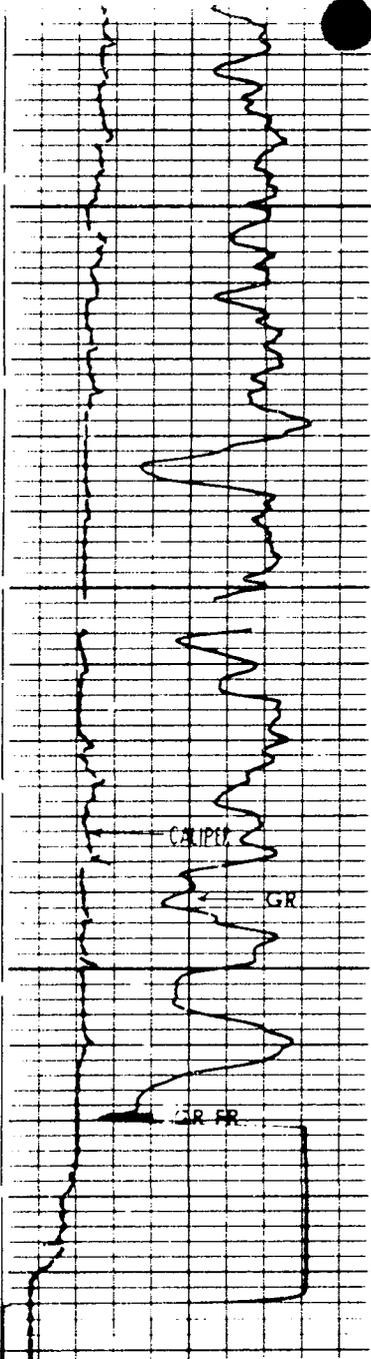
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DEV
20

DEV
37

GEOLOGICAL
CORRELATION

MEMORIZER OUT - CURVES INVALID



GAMMA RAY API UNITS	
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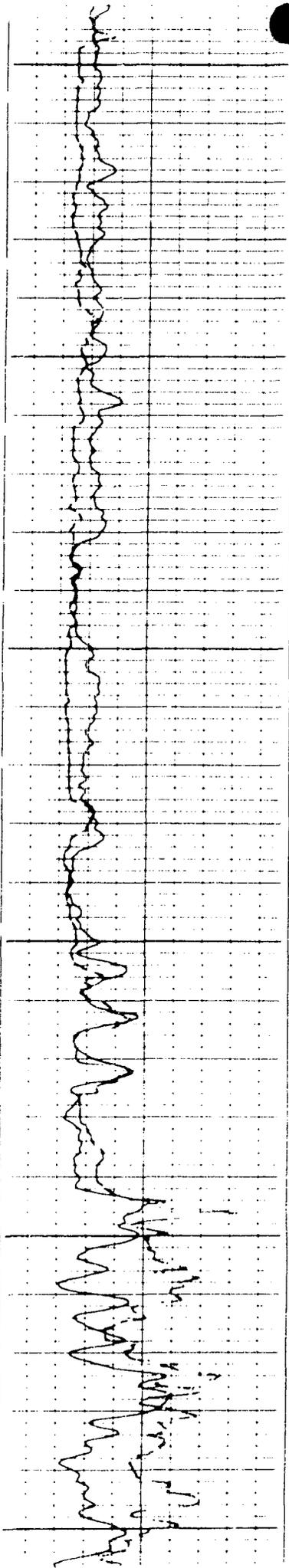
CALIPER DIAM. IN INCHES	
10	20

CALI (IN)	
6.000	16.00
GR (GAPI)	
0.0	150.0

POROSITY INDEX (%) SANDSTONE MATRIX 2.68	
COMPENSATED FORMATION DENSITY POROSITY	
30	20
COMPENSATED NEUTRON POROSITY	
30	20

TENS.LB)	
10000.	0.0
NPHI ()	
0.7000	0.3000
DPHI ()	
0.3000	-0.100
NPHI ()	
0.3000	-0.100

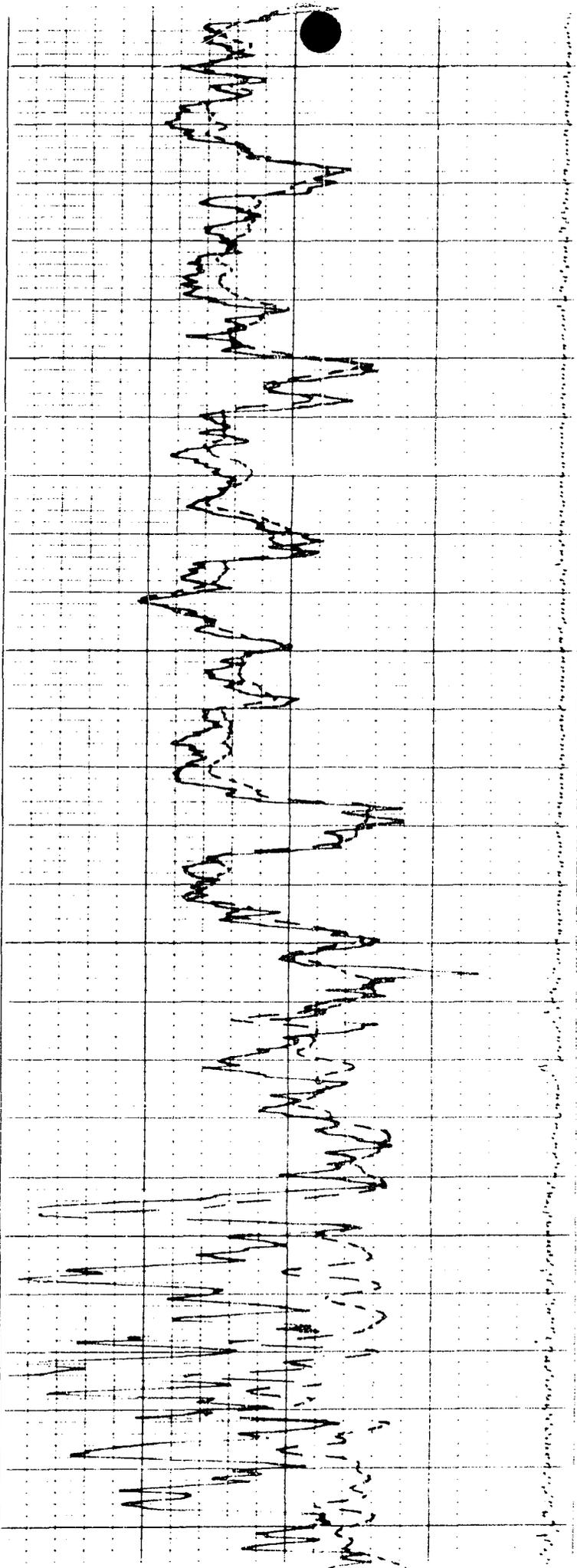


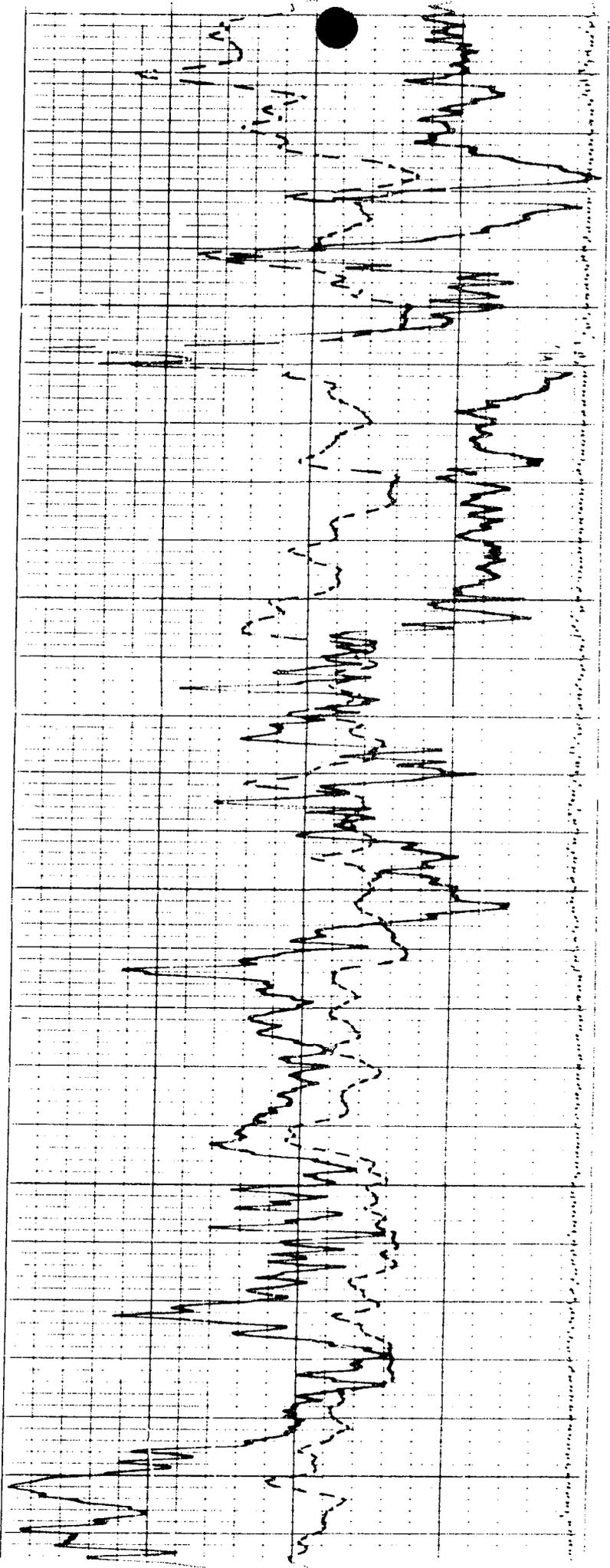


8600

8700

8800

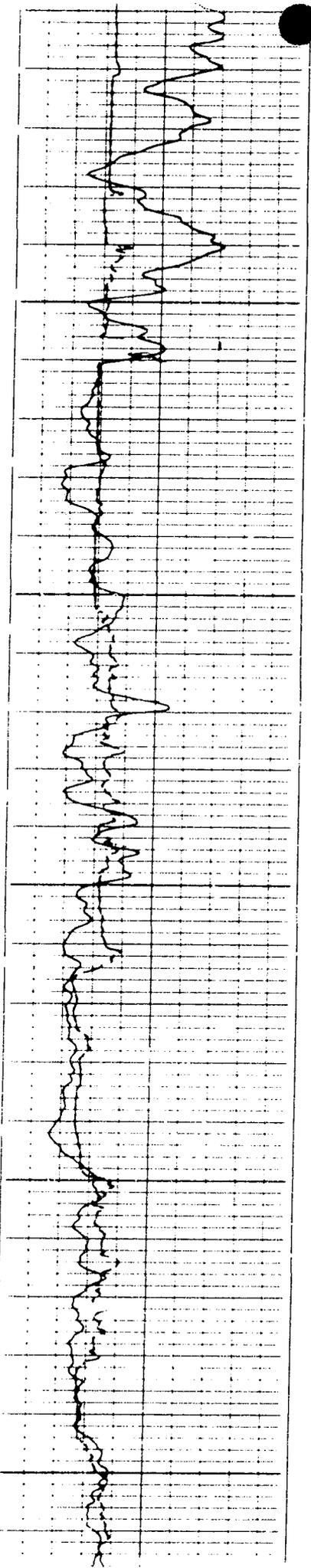




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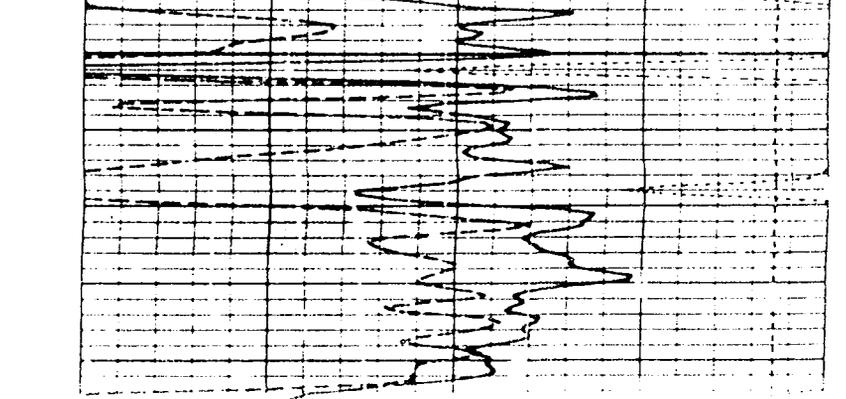
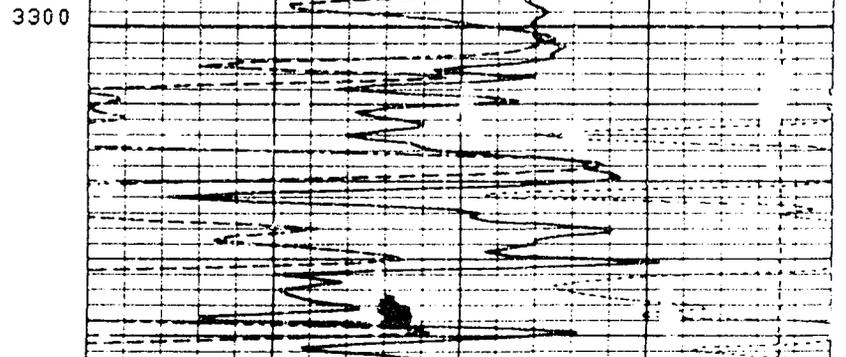
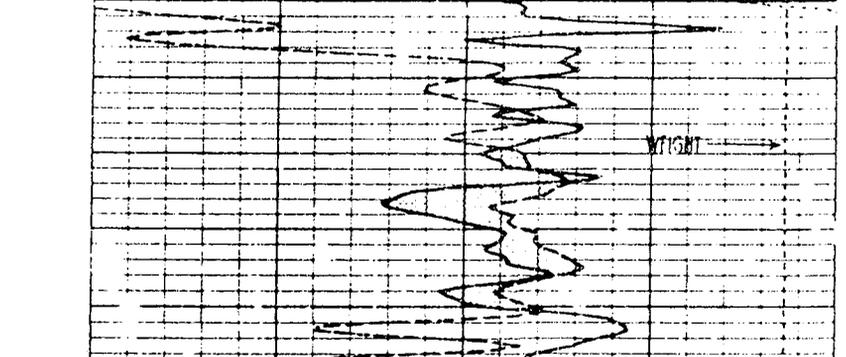
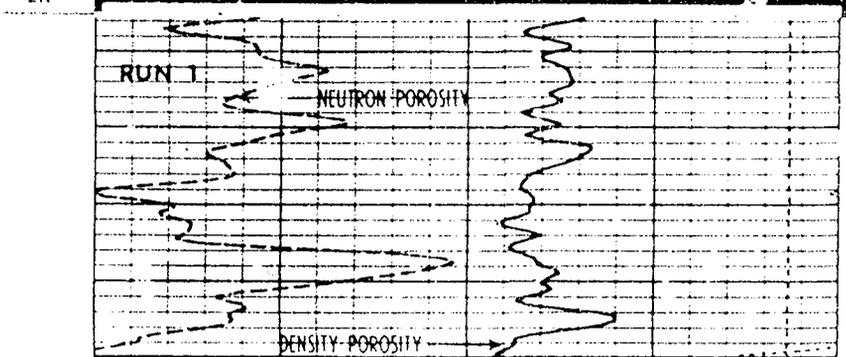
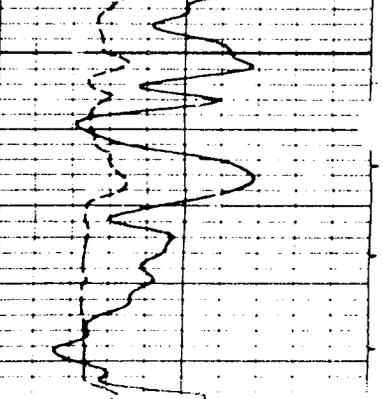
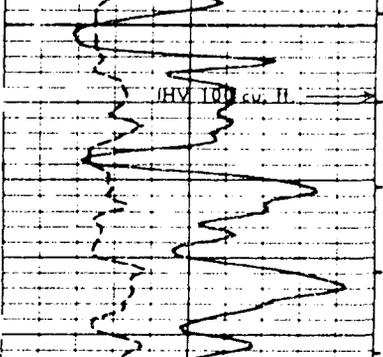
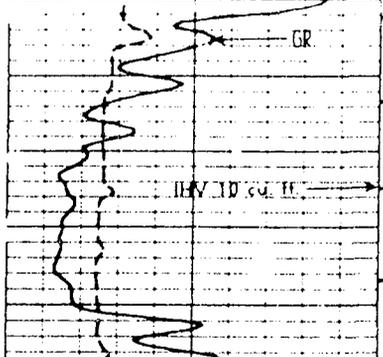
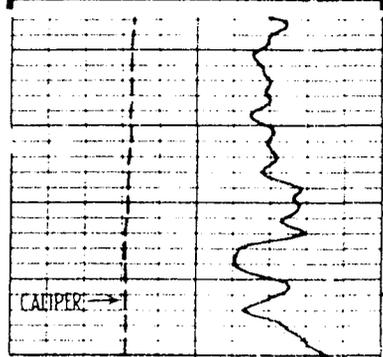
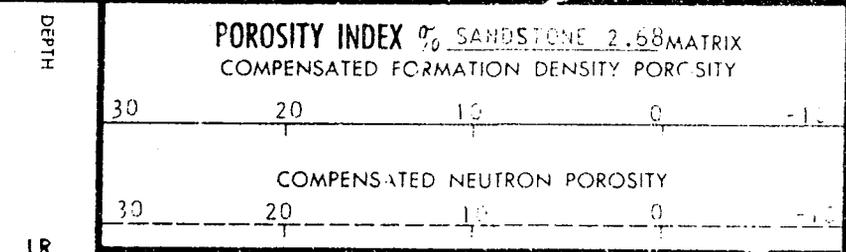
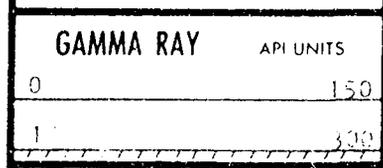
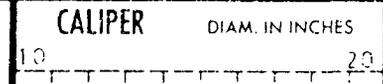
8400

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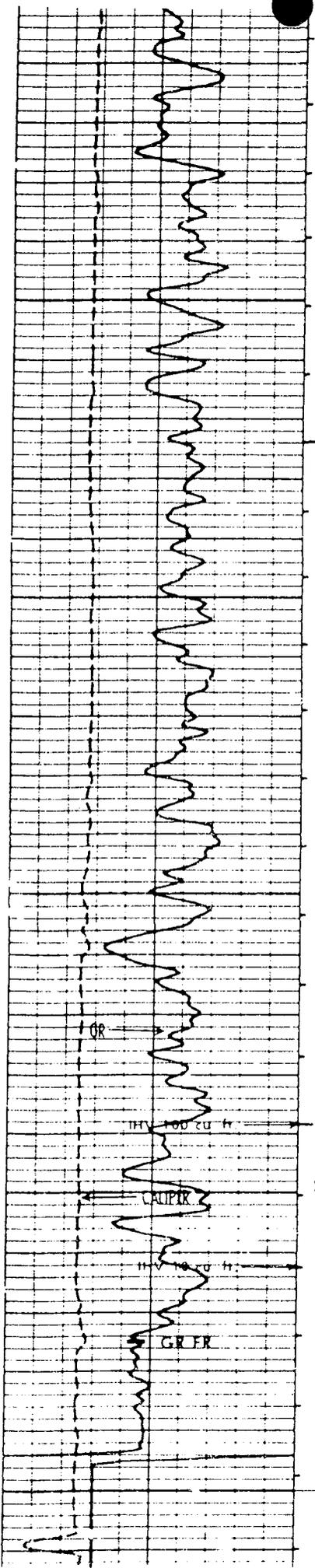
LOGGING DATA												
DEPTH		IP			FDC				GP			
Top	Bottom	Porosity Scale	Matrix	Auto Corr. or Hole Size Setting	Porosity Scale	Grain Density	Liquid Density	Hole Fluid	Sens. Logged	T C	Zero Div Light	Scale Per 100 Div
8208	8333	20/TK	SAND	AUTO	20/TK	2.68	1.0	LIQ	150	AUTO		150
8796	10193	20/TK	SAND	AUTO	20/TK	2.68	1.0	LIQ	150			150
10195	11692	20/TK	LIME	AUTO	20/TK	2.71	1.0	LIQ	150	AUTO		150

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, injury, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.



Run 3

REPEAT SECTION



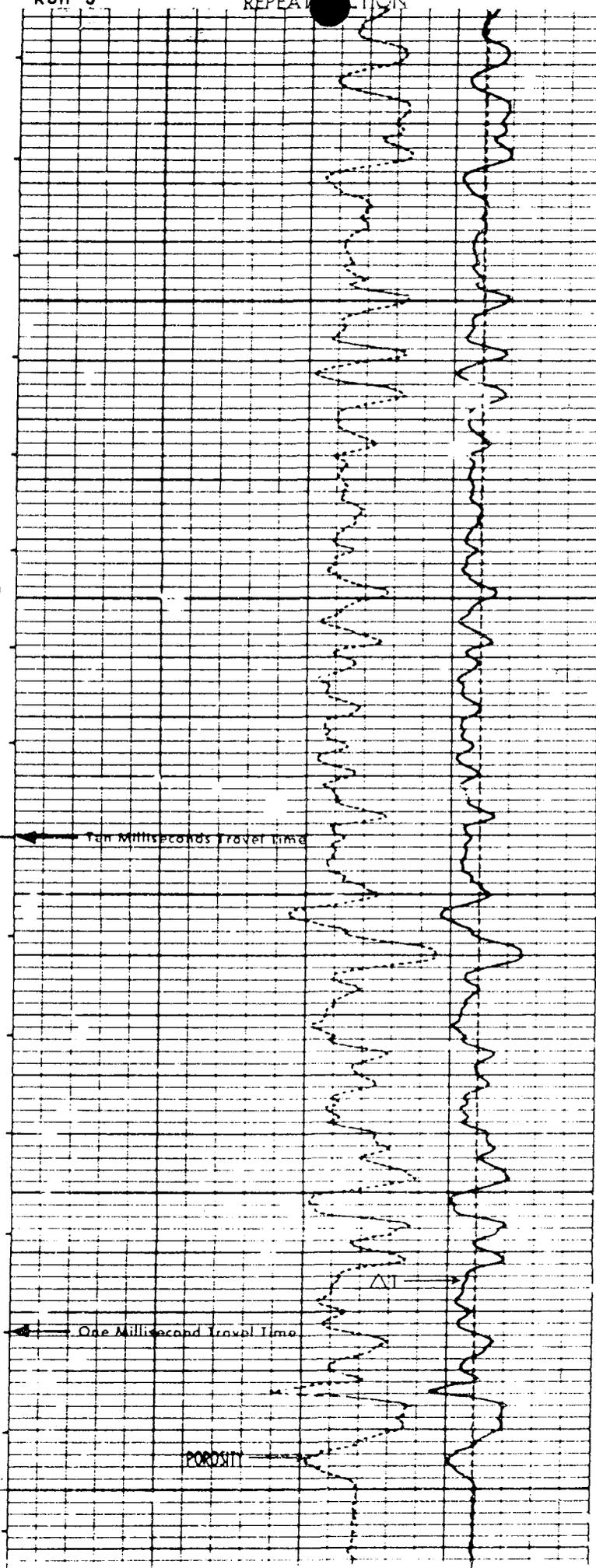
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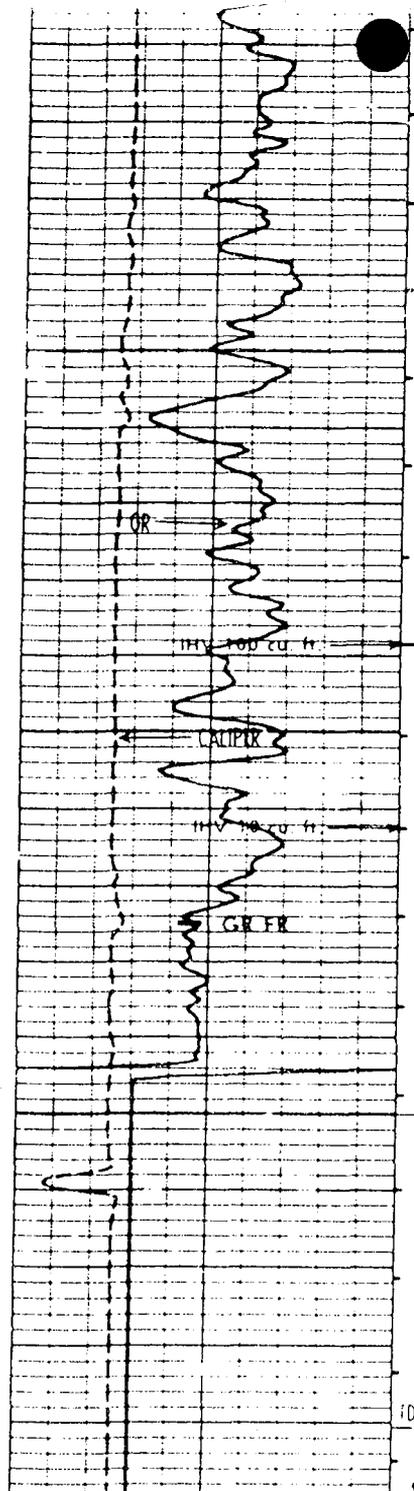
← Ten Milliseconds Travel Time

← One Millisecond Travel Time

POSITIVE

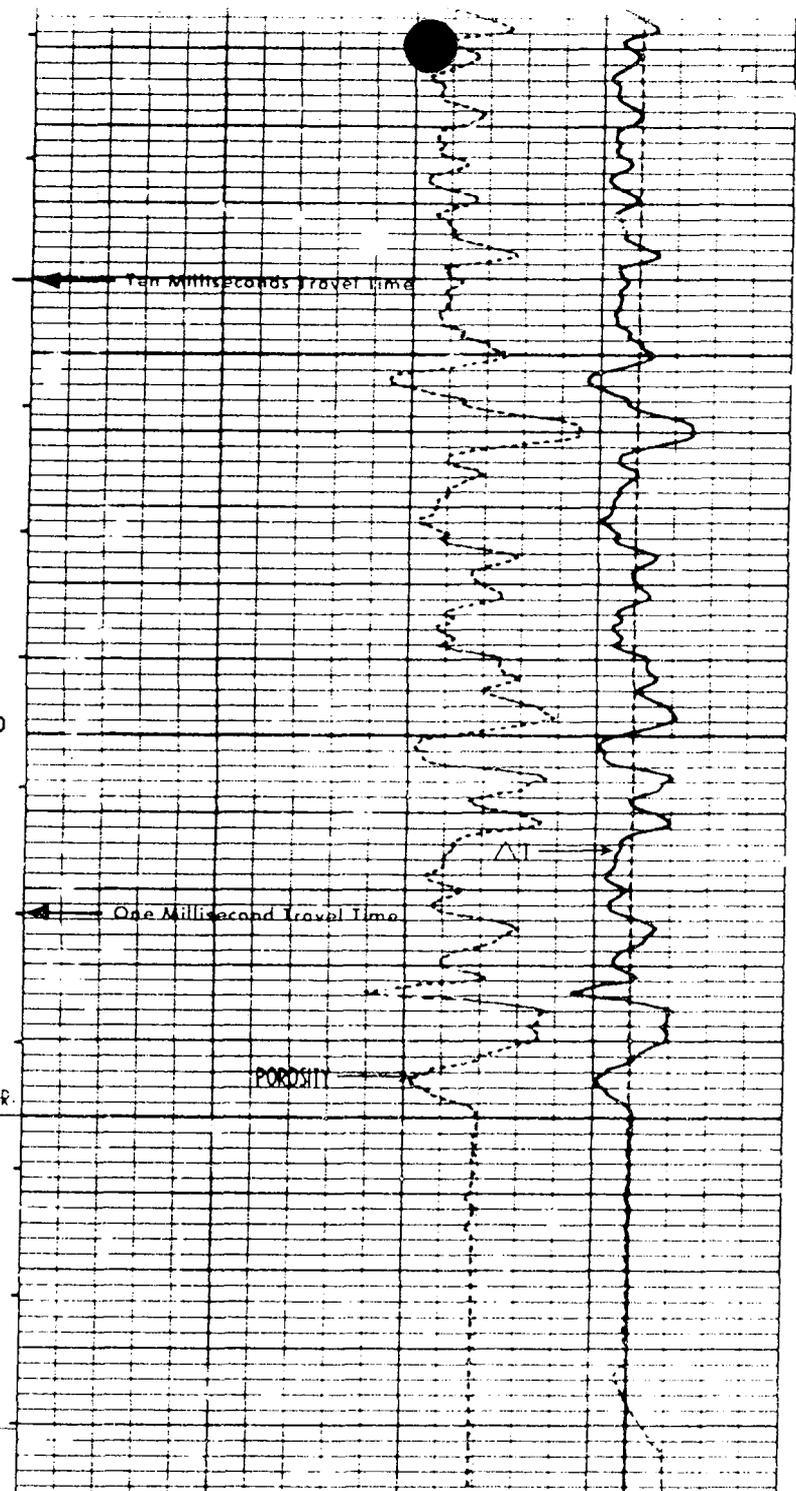
FR





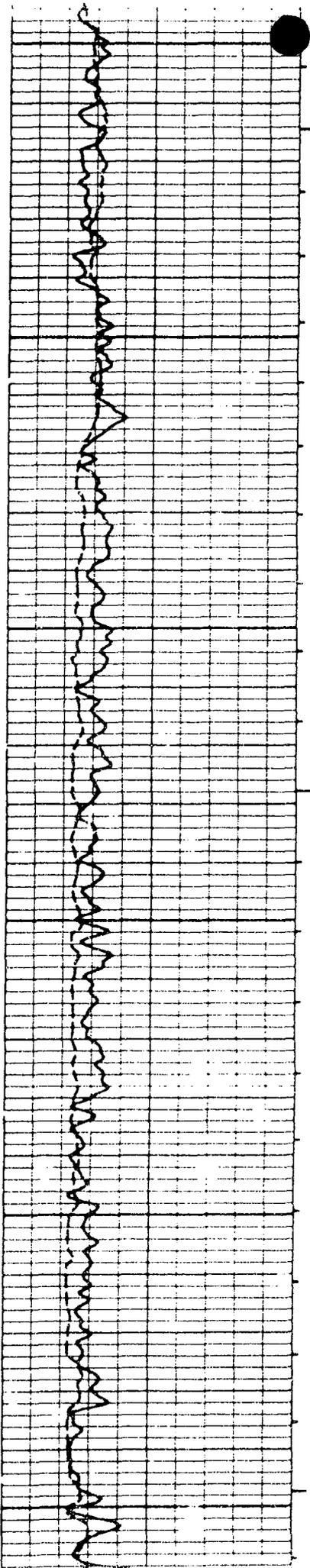
CALISIN	
10.00	20.00
GR (GAPI)	
0.0	150.0

CALISIN	
6.000	16.00
GR (GAPI)	
0.0	150.0



Run 3	TENS(LB)	0.0
	10000.	
DT (US/F)		40.00
140.0		
DT (US/F)		140.0
240.0		
SPHK		-0.100
0.3000		

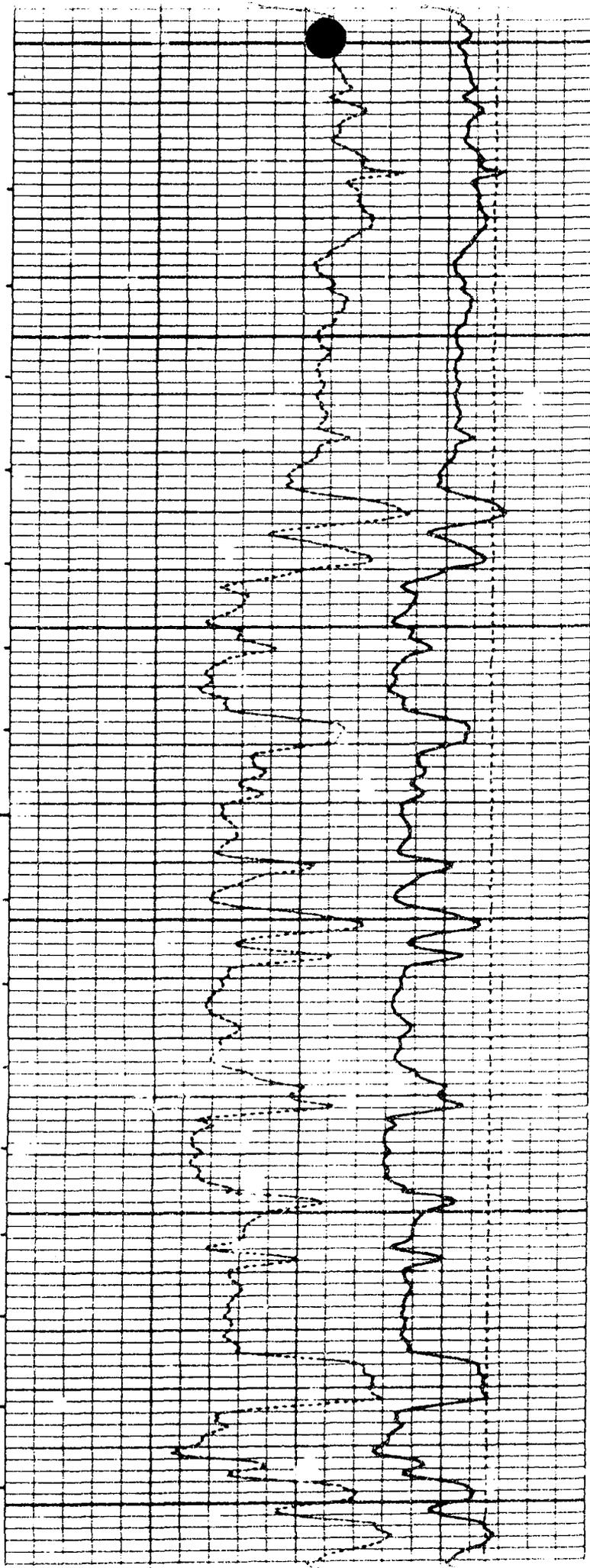
	TENS(LB)	0.0
	10000.	
DT (US/F)		40.00
140.0		
DT (US/F)		140.0
240.0		
SPHK		-0.100
0.3000		

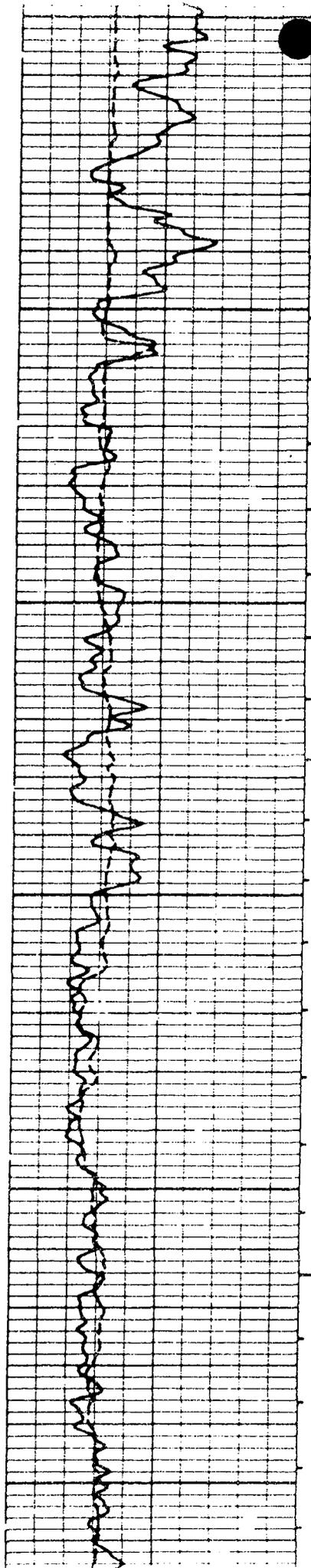


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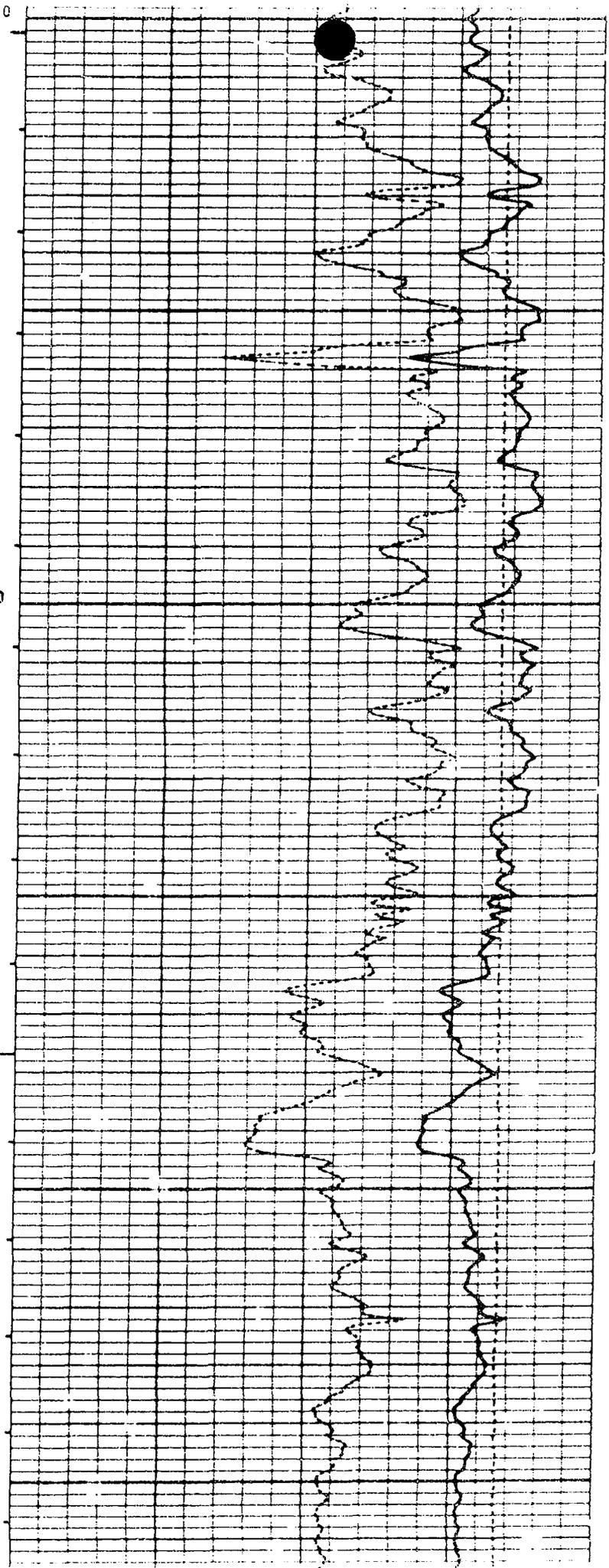




8300

8400

8500



Schlumberger

BOREHOLE COMPENSATED SONIC LOG

COUNTY: CARROLL
FIELD: OP...
LOCATION:
WELL:
COMPANY:

COMPANY:
WELL:
FIELD:
COUNTY:
STATE:
LOCATION:
API SERIAL NO:
NIC:
TWT:
RANGI:
Other Services:

Permanium Log Measured From: ... Elev: ...
Drilling Measured From: ... Fl. Above Perm Datum: ...
Elev. K.B.: ...
D.F.: ...
G.L.: ...

Table with columns for Run No., Depth, Bim. Log Interval, Casing Driller, Log Size, Type Fluid in Hole, pH, Fluid Loss, Source of Sample, Rmt. @ Meas Temp, Rmc. @ Meas Temp, Source Rmt. Rmc, Rm. @ BHT, Circulation Stopped, Time, Equip. Location, Recorded by, Witnessed by.

Run No.
Service Order No.
Fluid Level

SCALE CHANGES
Type Log: Depth: Scale Up Rate: Scale Down Rate:

EQUIPMENT DATA
Sonic Panel No.
Sonic Cart No.
Sonic Sunde No.
Mem. Panel No.
G.R. Cart No.
G.R. Panel No.
Caliper No.
TTR No.
Centralizer Type
Standoffs No.
Type
Time Constant
Speed F.P.M.

LOGGING DATA
Porosity Selectors: Depth: From: To:
Im: If: Cp: Scale: O

CALIBRATION DATA
BKG CPS
GR Source CPS
To Sec

REMARKS
Velocity (ft/sec) 1,000,000
Interval Transit Time (microseconds per foot)

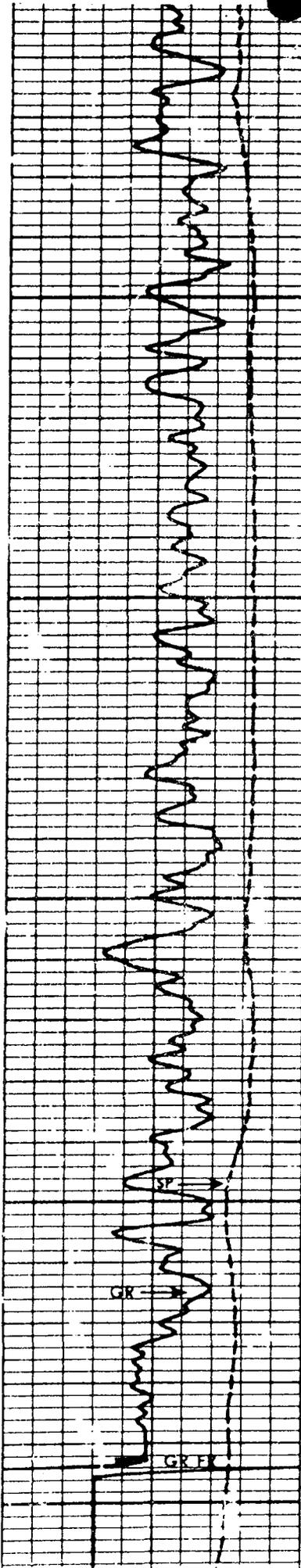
CALIPER (DIA. IN. DIMS)
GAMMA RAY (API UNITS)

DEPTH
INTERVAL TRANSIT TIME (MICROSECONDS PER FOOT)
INTEGRATED TRAVEL TIME

Interpretation of logs is based on references from interval or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation and we shall not be held liable or responsible for any loss, costs, damages or expenses incurred or sustained by the user of the interpretation made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set forth in Schlumberger Form 100-100-0000.

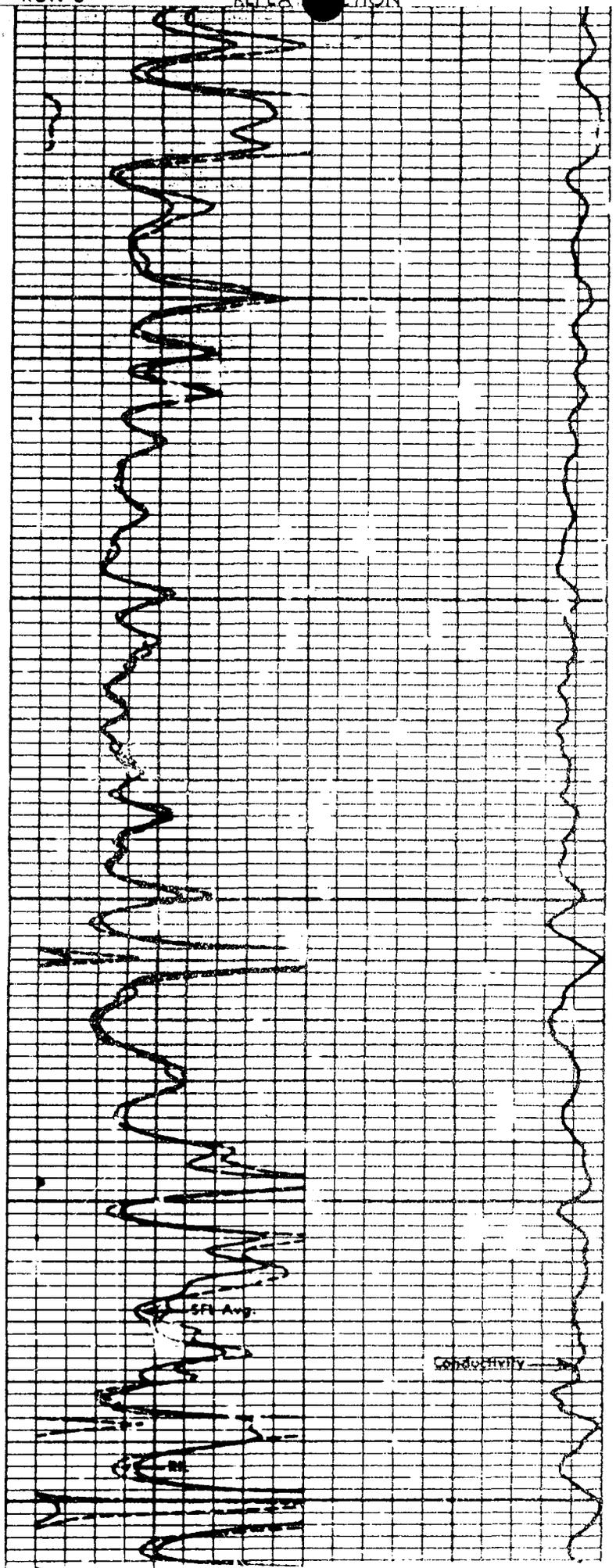
RUN 3

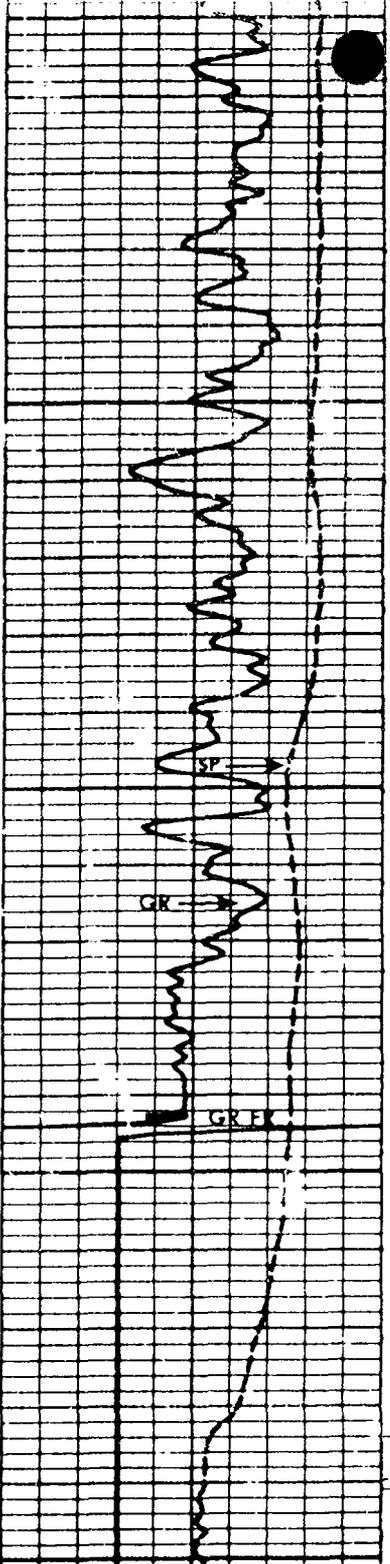
REPEATITION



10000

10100





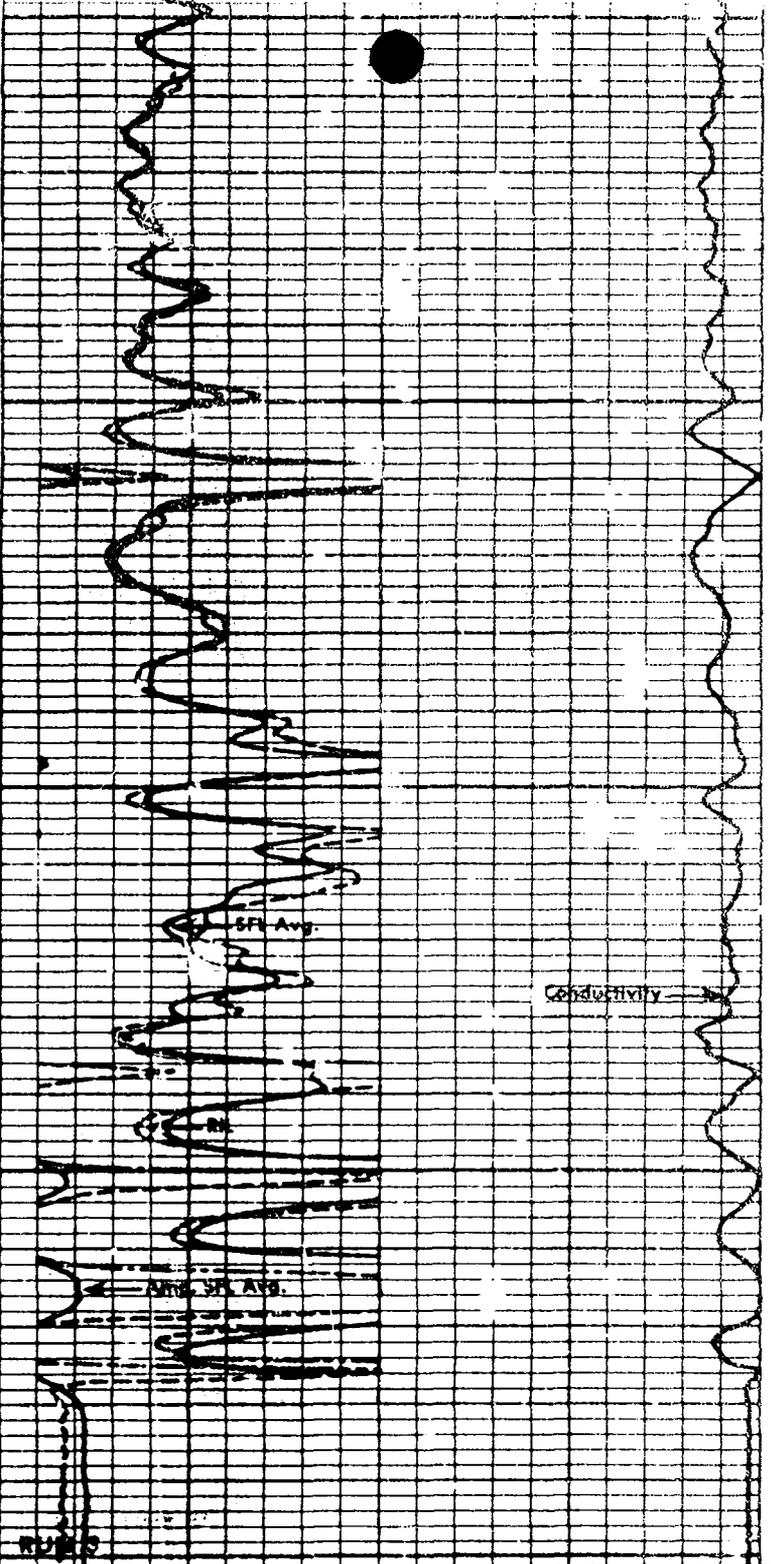
10000

10100

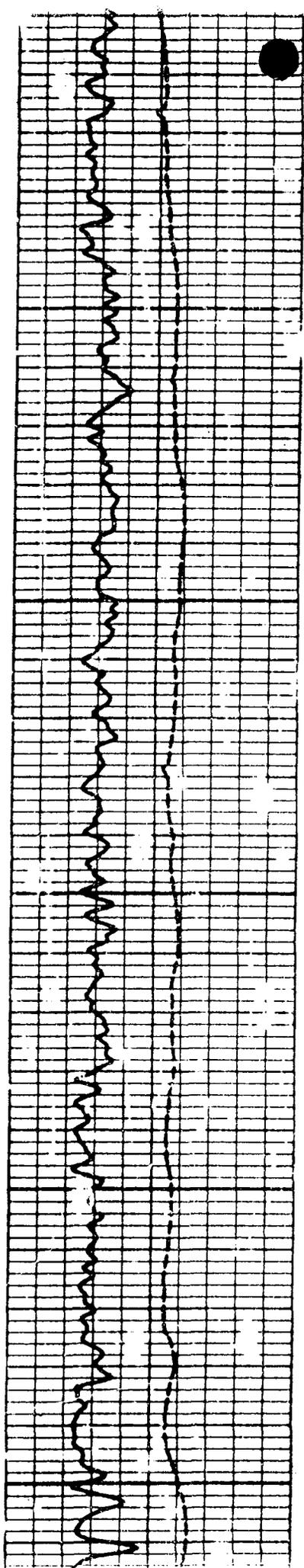
IC

10200

GR (GAPI)	
0.0	150.0
SP (MY)	
-150.0	0.0
SP (MY)	
-150.0	0.0
GR (GAPI)	
0.0	150.0

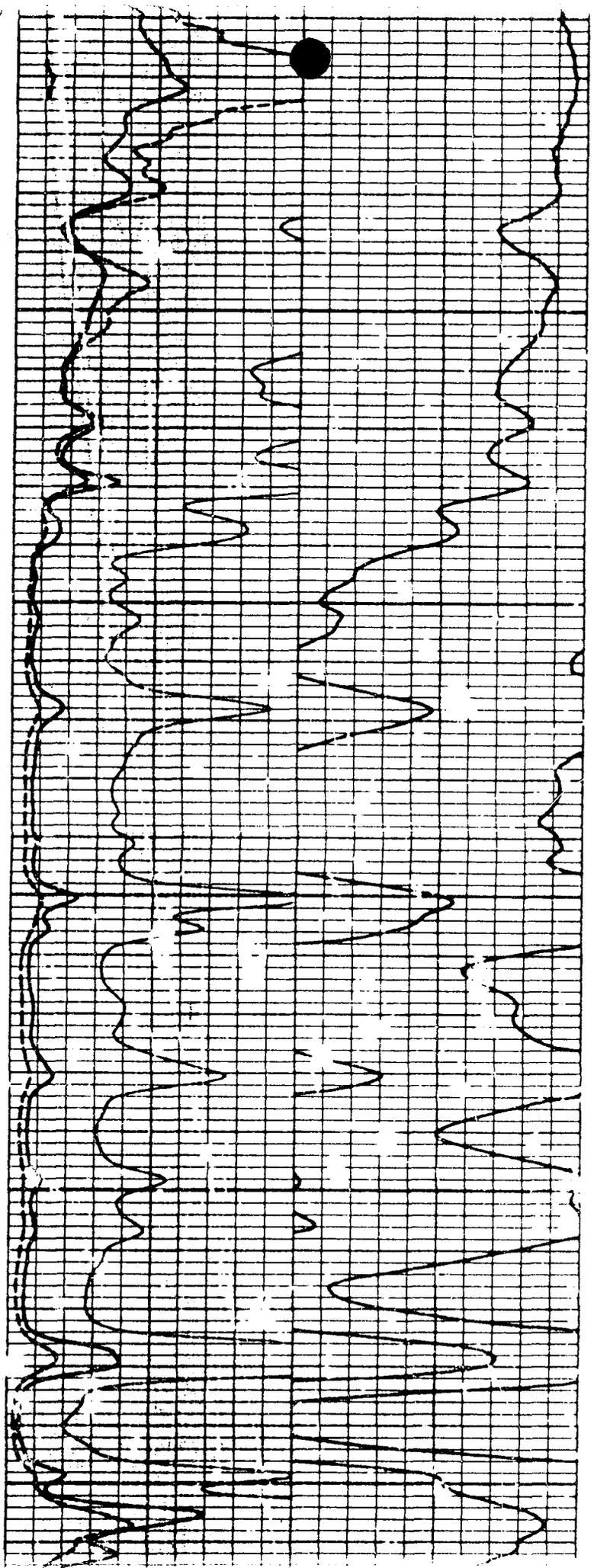


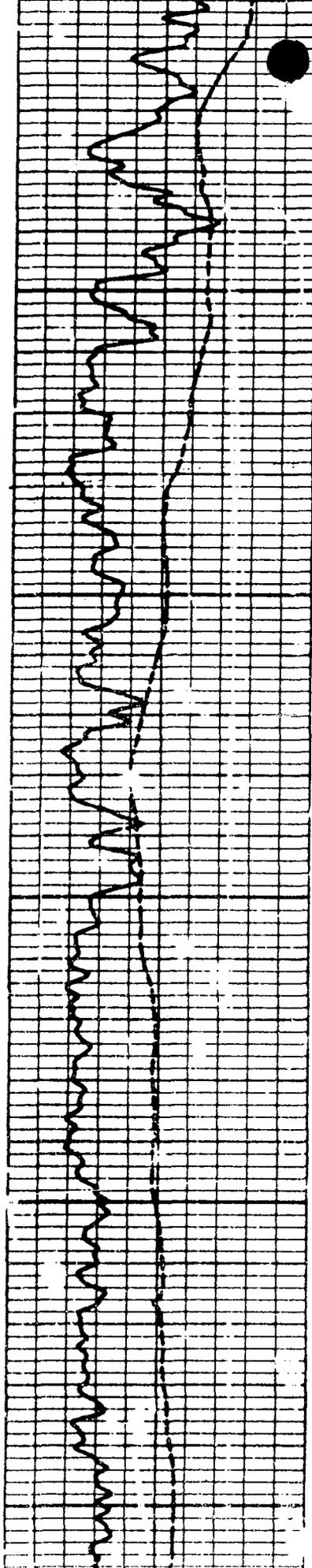
ILD (OHMM)		CILD (MM/M)	
0.0	100.0	100.0	200.0
SFLA (OHMM)			
0.0	20.00		
SFLA (OHMM)			
0.0	100.0	200.0	0.0
		TEMP (LB)	
		10000.	0.0
		ILM (OHMM)	
0.2000		2000.	
		ILD (OHMM)	
0.2000		2000.	
		SFLU (OHMM)	
0.2000		2000.	



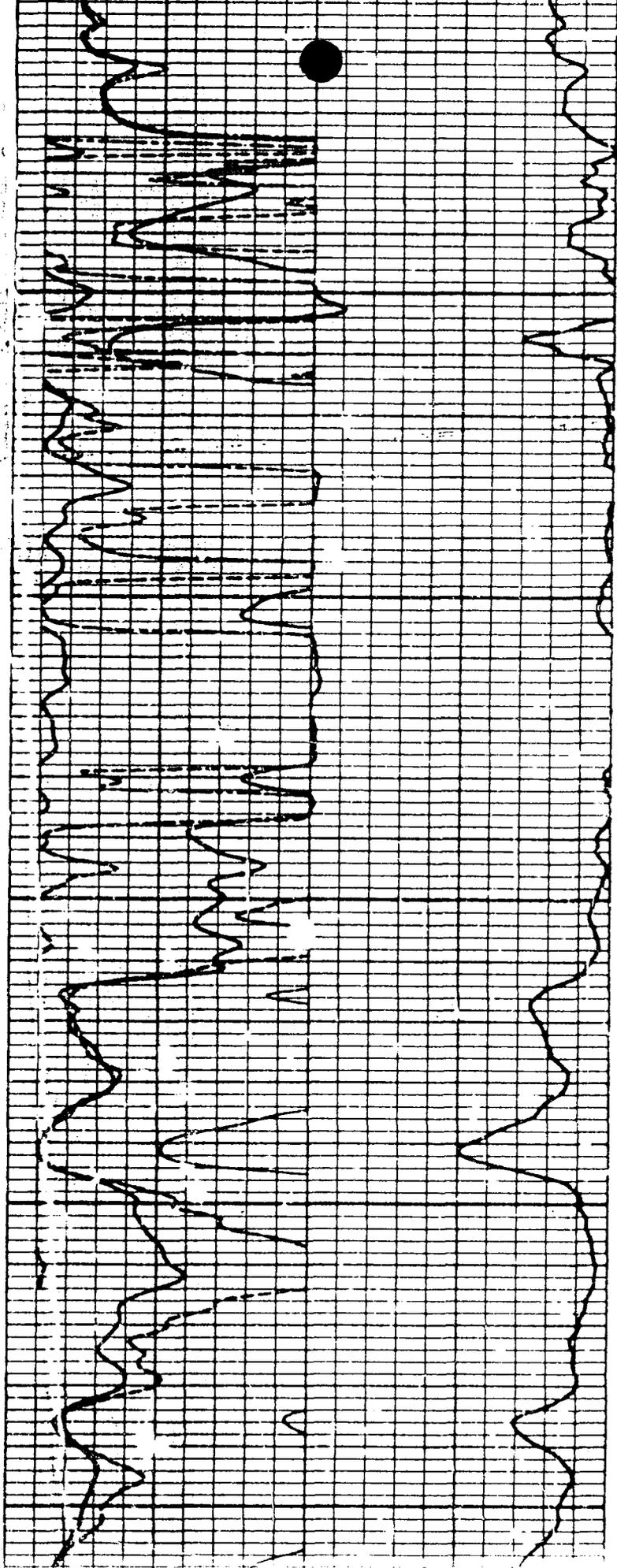
8600

8700





8400

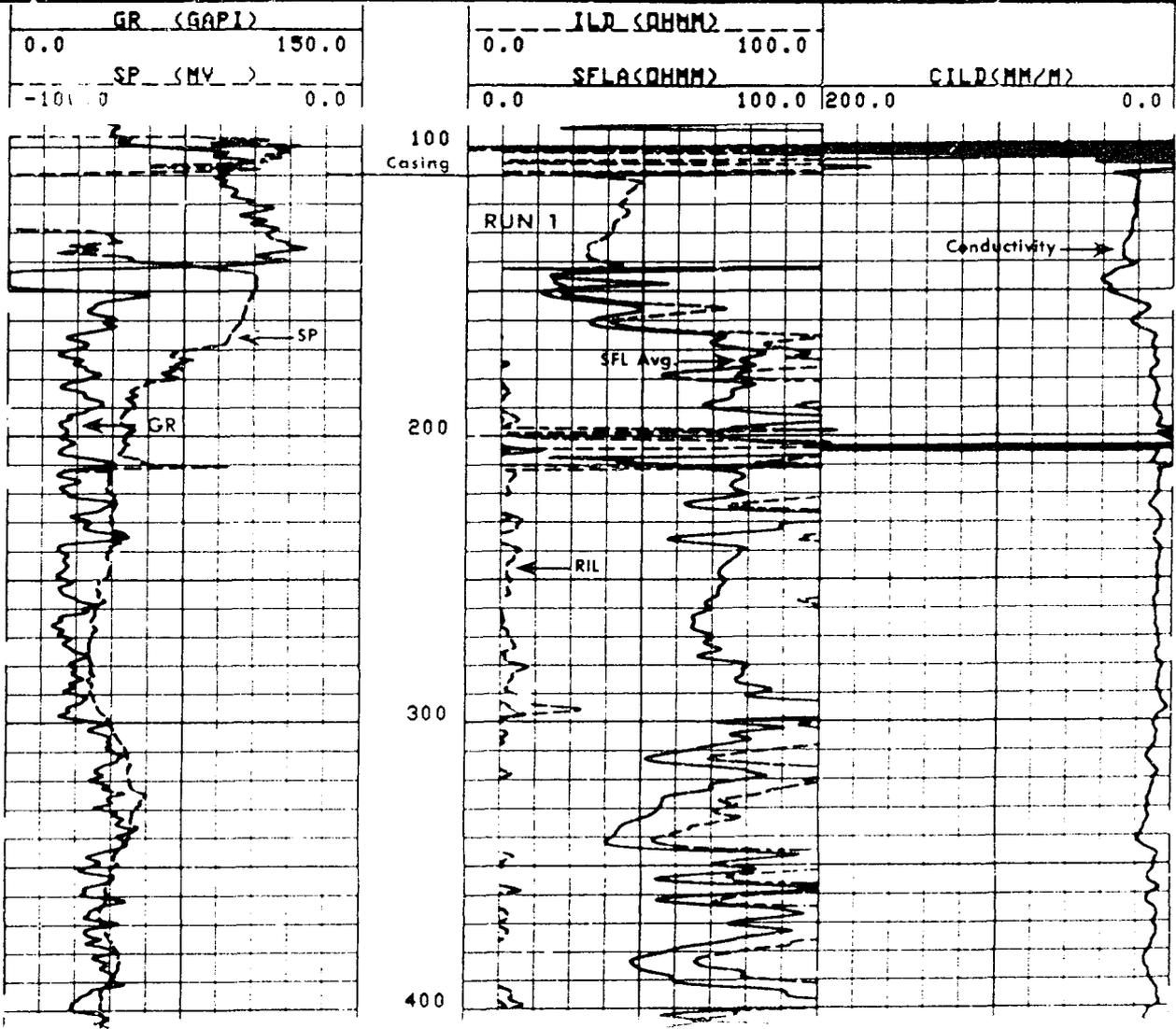


8500

Run No.					SCALE CHANGES			
Service Order No.	15158	33956	47210	Type	Depth	Scale Up Hole	Scale Down Hole	
Fluid Level	FULL	FULL	FULL					
Salinity ppm. cl	13000	5100	800					
Speed F.P.M.	60	60	60					
EQUIPMENT DATA								
Panel No.	329	44	44					
Cart No.	176	231	231					
Sonde No.	229	119	188					
Mem. Panel No.	CSU	CSU	CSU					
G.R. Panel No.	50	50	50					
G.R. Cart No.	1463	43	34					
Tape Recorder - (TTR)	CSU	1884	CSU	CSU				
Depth Encoder - (DRE)	---	1748	---	CSU				
Pressure Wheel - (CPW)	---	1701	---	CSU				
Type Centralizers	RUBBER	FIN	CME-Z	RLR, FIN				
Stand Off - Inches	1.5	1.5	1.5	1.5				
CALIBRATION DATA								
SBR	---	---	---	1.0				
Sonde Error - ILM	8.3	2.3	6.7	6.5				
Sonde Error - ILD	6.35	3.0	2.2	3.5				
G.R. BKG. - CPS.	50	---	---	67				
G.R. Source - CPS.	200	---	---	205				
S.E. Set In Hole - Depth	---	---	---	---				
S.E. Corr. - Hole Size	---	---	---	---				
LOGGING DATA								
SBR	---	---	---	1.0				
S.E. Log - ILM	7.2	2.3	6.7	6.5				
S.E. Log - ILD	6.35	3.0	2.2	3.7				
G.R. Scale per 100 Div.	150	---	150	150				
G.R. - T.C.	AUTO	---	AUTO	AUTO				
G.R. Sens.	150	---	150	150				

REMARKS
 RUN 2: RELOGGED WITH...
 RUN 2 OMITTED FROM...
 RUN 2: 117

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.



UIC INJECTION PERMIT ANALYSIS FORM
WELL NAME: Gordon Creek Unit #1 43-007-30 UIC # 288.1

R649-5-2. Requirements For Class II Injection Wells Including Water Disposal, Storage And Enhanced Recovery Wells.	Completed Items, Needed Items, & Comments
<p>1. Injection wells shall be completed. Equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.</p> <p>2. The application for an injection well shall include a properly completed UIC Form 1 and the following:</p> <p>2.1. A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed well, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.</p> <p>2.2. Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper, and porosity.</p> <p>2.3. A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.</p> <p>2.4. Copies of logs already on file with the division should be referenced, but need not be refilled.</p> <p>2.5. A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.</p> <p>2.6. A statement as to the type of fluid to be used for injection. its source and estimated amounts to be injected daily.</p> <p>2.7. Standard laboratory analyses of (1) the fluid to be injected, (2) the fluid in the formation into which the fluid is being injected, and (3) the compatibility of the fluids.</p> <p>2.8. The proposed average and maximum injection pressures.</p> <p>2.9. Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.</p> <p>2.10. Appropriate geological data on the injection interval and confining beds, and nearby Underground Sources of Drinking Water, including the geologic name, lithologic description, thickness, depth, water quality, and lateral extent; also information relative to geologic structure near the proposed well which may effect the conveyance and/or storage of the injected fluids.</p> <p>2.11. A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter improper intervals.</p> <p>2.12. An affidavit certifying that a copy of the application has been provided to all operators, owners and surface owners within a one-half mile radius of the proposed injection well.</p> <p>2.13. Any other additional information that the board or division may determine is necessary to adequately review the application.</p>	<p>1. This will be determined and reviewed before approval of the permit.</p> <p>2. Form 1 appears to be complete.</p> <p>2.1. This plat is currently on file with the permit.</p> <p>2.2. No logs for this well were submitted.</p> <p>2.3. The cement bond log is submitted, and will be run again over the injection zone, and cement tops will be identified, as well as any fresh water zones. Cement bond above the injection zone must be 90-95% for a minimum of 100', or it must be shown that fluids will stay in zone.</p> <p>2.4. Log copies on file will be reviewed.</p> <p>2.5. Casing for this well is in place and appears to be sufficient, well bore diagrams for the offsetting wells have been filed.</p> <p>2.6. Okay, filed with the permit.</p> <p>2.7. A virgin Fluid Analysis for the Navajo is required for the injection well along with a compatibility study. A survey of fresh water (Under 10,000 ppm) zones must be supplied. Water resources from the state database do not appear to have been reviewed. A water well 500' deep is within yards of this well.</p> <p>2.8. Filed with the permit. May be too high. Step rate test statement is not accepted without proof of it being underpressured.</p> <p>2.9. Evidence for this requirement is lacking, and must be supplied, the identified confinement layers are not properly identified and are not the ones that are normally used in this area. Parting pressures for this stipulation must be supplied. Possible fresh water strata have not been identified. Water from the Navajo must be over 10,000 ppm.</p> <p>2.10. A structure map, Cross Section, Lithologic description, and storage capacity of the proposed formation is required. All confining beds, formation tops, and perforated intervals must be clearly and specifically identified. Parting pressures for the upper confining layer must be documented.</p> <p>2.11. Okay, filed with the permit.</p> <p>2.12. Okay, filed with the permit. Plat is excellent presentation.</p> <p>2.13. Other information may be required as the review process proceeds and will be called for as needed.</p>

OTHER COMMENTS AND OBSERVATIONS: For questions about the needed material, contact K. Michael Hebertson at 801-538-5333. At first analysis the bond through the intended injection zone is insufficient, in quality, quantity, and overall distance and it is not evident that the Bond was run under 1000 pressure. No mention is made of any completion fluids being used, if such were used to open the zone formation contamination is likely and water analysis will be suspect. The zone tested is below the intended injection zone 66 feet, and the current bond is suspect throughout. Injection zone should probably be expanded to include the previously perforated zone unless isolation can be proved. No mention is made of the anhydrite beds as the upper confining layer. Do they exist? The east-west, and north-south extent of the confining zones upper and lower are to be documented. The Entrada, Carmel, and Kayenta are not normally considered containment zones in their entirety, and the actual containment zones are to be identified in X-section. The hydrostatic pressure calculates to 3664.9 psi plus 2500 injection pressure = 6165 psi at the formation face. This is above parting pressure and needs to be justified, and shown that it will stay in the intended zone. The hole will not stand full under hydrostatic pressure according to the completion notes.

Reviewed by: K. Michael Hebertson Date: 8- April- 2002

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

019

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1A. Type of Work: DRILL DEEPEN

B. Type of Well: OIL GAS OTHER: WDW SINGLE ZONE MULTIPLE ZONE

2. Name of Operator: Klabzuba Oil and Gas, Inc.

3. Address and Telephone Number: 700 17th St., Ste. 1300, Denver, CO 80202 1-303-382-4443

4. Location of Well (Footages)
At Surface: 1517' FSL, 1590' FEL 4382041 Y 39.58996
At Proposed Producing Zone: 494372 X - 111.06554

5. Lease Designation and Serial Number: MI-46539

6. If Indian, Allottee or Tribe Name: N/A

7. Unit Agreement Name: N/A

8. Farm or Lease Name: Gordon Creek

9. Well Number: Unit #1 (Re-Entry)

10. Field or Pool, or Wildcat: Gordon Creek

11. Qtr/Qtr, Section, Township, Range, Meridian: NW/4 SE/4, Section 19, T14S, R8E, SLB&M

14. Distance in miles and direction from nearest town or post office: 13.6 miles west of Price, Utah

12. County: Carbon 13. State: Utah

15. Distance to nearest property or lease line (feet): 1110'

16. Number of acres in lease: 2153.27 acres

17. Number of acres assigned to this well: 40

18. Distance to nearest well, drilling, completed, or applied for, or 240'

19. Proposed Depth: 11,781' KB

20. Rotary or cable tools: Rotary

21. Elevations (show whether DF, RT, GR, etc.): 7472' GR

22. Approximate date work will start: September 2002

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
				See Exhibit "D" for Re-Entry Procedure

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.*

This application is for Re-Entry of the existing Gordon Creek Unit #1—API # 43-007-30044

Bond Information will be provided under separate cover from Klabzuba Oil and Gas, Inc.

Surface Owner: State of Utah

Landowner Representative: SITLA; 675 East 500 South, Salt Lake City, Utah 84102-2818; 801-538-5100

Approved by the
Utah Division of
Oil, Gas and Mining
Date: 10-01-02
By: [Signature]

24. Name & Signature: Don Hamilton Don Hamilton Title: Agent for Klabzuba Date: 8-19-2002

(This space for state use only)

API Number Assigned: 43-007-30044

RECEIVED approval:

AUG 20 2002

DIVISION OF OIL, GAS AND MINING

ORIGINAL

CONFIDENTIAL

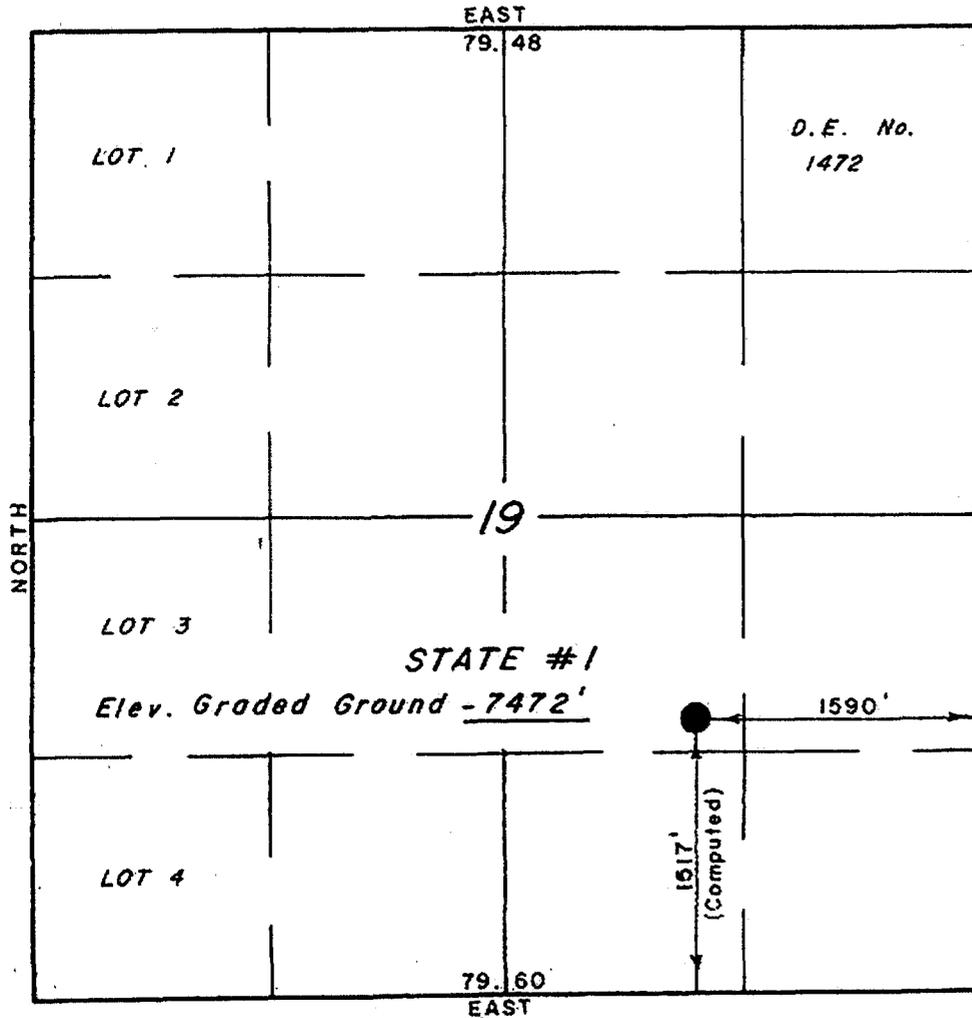
ATTACHMENT A-1

Gorden Creek Unit #1
T14S, R8E, S.L.B. & M.

PROJECT

OCcidental PETROLEUM CORP.

Well location, STATE #1, located,
as shown in the NW 1/4 SE 1/4 Section 19,
T14S, R8E, S.L.B. & M. Carbon County,
Utah.



NORTH

EAST
79.48

D.E. No.
1472

LOT 1

LOT 2

19

LOT 3

STATE #1
Elev. Graded Ground - 7472'

1590'

LOT 4

1517'
(Computed)

79.60
EAST

X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Lawrence P. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

Revised - 5/3/79

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 7/10/78
PARTY LCK PK RS. DJ	REFERENCES GLO Plat
WEATHER Hot	FILE OCcidental PETRO.



Talon Resources, Inc.

Service, Quality and Accuracy

P.O. Box 1230
195 North 100 West
Huntington, Utah 84528
Phone: 435-687-5310

Cell: 435-650-1886
Fax: 435-637-5311
Email: talon@castlenet.com

August 13, 2002

Mrs. Diana Mason
State of Utah
Division of Oil Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Application for Permit to Drill—Gordon Creek Unit #1 Re-Entry, Carbon County, Utah
1517' FSL, 1590' FEL, Section 19, T14S, R8E, SLB&M. **Re-Entry of API # 43-007-30044**

Dear Mrs. Mason:

Klabzuba Oil and Gas, Inc. (Klabzuba) respectfully submits the enclosed original of the *Application for Permit to Drill (APD)* for the above referenced Re-Entry well. Included with the APD is the following supplemental information:

- Exhibit "A" - Survey plat of the existing well site;
- Exhibit "B" - Location maps with pipe, power, and road corridors;
- Exhibit "C" - Existing well bore diagram
- Exhibit "D" - Drilling Program;
- Exhibit "E" - Multi Point Surface Use Plan;
- Exhibit "F" - Typical road cross-section;
- Exhibit "G" - Typical BOP diagram;
- Exhibit "H" - Typical wellhead manifold diagram.

RECEIVED

AUG 20 2002

DIVISION OF
OIL, GAS AND MINING

ORIGINAL

CONFIDENTIAL

Please accept this letter as Klabzuba's written request for confidential treatment of all information contained in and pertaining to this application, if said information is eligible for such consideration.

Thank you very much for your timely consideration of this application. Please feel free to contact myself, or Mr. George Rooney of Klabzuba at 303-382-4443 if you have any questions or need additional information.

Sincerely,

Don Hamilton
Don Hamilton
Agent for Klabzuba Oil and Gas, Inc.

cc: Mr. Mark Jones, Oil, Gas and Mining
Mr. George Rooney, Klabzuba
Mr. Tom Siirola, Klabzuba
Mr. Mark Caldwell, Klabzuba
Klabzuba Well File

RECEIVED

AUG 20 2002

DIVISION OF
OIL, GAS AND MINING

EXHIBIT "D"
DRILLING PROGRAM

Attached to UDOGM Form 3
Klabzuba Oil and Gas, Inc.
Gordon Creek Unit #1 (Re-Entry)
NW/4 SE/4, Sec. 19, T14S, R8E, SLB & M
1517' FSL, 1590' FEL
Carbon County, Utah

1. The Geologic Surface Formation

Emery Sandstone Member of the Mancos Shale

2. Estimated Tops of Important Geologic Markers

Mancos Blue Gate Marker: 3116'

3. Projected Gas & H2O zones

Mancos Gas Zone:	2376' – 2486'
Ferron Sands:	3196' – 3536'

This well was plugged and abandoned in August 1979, as indicated on the attached wellbore diagram. Klabzuba plans to re-enter the well, drill out plugs #4, #5, & #6 to 8,750', and set a composite bridge plug at 8,800'. A bond log will be run from 8,800' to 2,000' to evaluate cement integrity. The Navajo Sandstone will then be perforated from 8,464-94' and 8,590-8,616' for the purpose of collecting water samples for the water disposal application. After water samples are collected a composite bridge plug will be set at 4,000'. The Ferron section will then be perforated and tested for potential natural gas production. At this point Klabzuba will decide whether to dual complete the well as a producer/disposal combination or squeeze and abandon the Ferron and complete the well as a disposal well. Klabzuba is working with Brad Hill at the DOGM to develop a well integrity plan in the event the well is dual completed.

4. The Proposed Casing and Cementing Programs

NA, the well is already cased and cemented

5. The Operator's Minimum Specifications for Pressure Control

Exhibit "G" is a schematic diagram of the blowout preventer equipment. BOP's will be used while drilling out the cement plugs. A double gate 3000 psi BOP will be used with a rotating head. This equipment will be tested to 2000 psi. All tests will be recorded in a Driller's Report Book. Physical operation of BOP's will be checked on each trip.

6. The Type and Characteristics of the Proposed Circulating Muds

Drill out cement plugs #4, #5, & #6 with 2% KCL water.

7. The Testing, Logging and Coring Programs are as followed

2,000' to 8,800' Cement Bond Log.

Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in The area nor at the depths anticipated in this well. Bottom hole pressure expected is 1700 psi max. No hydrogen sulfide or other hazardous gases or fluids have been found, reported or are known to exist at these depths in the area.

8. Anticipated Starting Date and Duration of the Operations.

The well will be re-entered approx.: September 2002.

Verbal and/or written notifications listed below shall be submitted in accordance with instructions from the Division of Oil, Gas & Mining:

- (a) prior to beginning construction;
- (b) prior to spudding;
- (c) prior to running any casing or BOP tests;
- (d) prior to plugging the well, for verbal plugging instructions.

Spills, blowouts, fires, leaks, accidents or other unusual occurrences shall be reported to the Division of Oil, Gas & Mining immediately.

EXHIBIT "E"
Multipoint Surface Use Plan

Attached to UDOGM Form 3
Klabzuba Oil and Gas, Inc.
Gordon Creek Unit #1 (Re-Entry)
NW/4 SE/4, Sec. 19, T14S, R8E, SLB & M
1517' FSL, 1590' FEL
Carbon County, Utah

1. Existing Roads

- a. The proposed access road will encroach the gravel-surfaced Haley Canyon Road under Carbon County Maintenance in which approval is pending. The approach will be constructed consistent with Carbon County Road specifications.
- b. We do not plan to change, alter or improve upon any other existing state or county roads. Existing roads will be maintained in the same or better condition. See Exhibit "B".

2. Planned Access

Approximately 1,800' of two-track upgrade is required (See Exhibit "B")

- a. The existing two-track road utilized for the drilling of the Gordon Creek Unit #1 will be utilized in its entirety
- b. Maximum Width: 20' travel surface with 27' base
- c. Maximum grade: 4%
- d. Turnouts: None
- e. Drainage design: 3 – 18" culverts may be required. Water will be diverted around the road as necessary and practical.
- f. If the well is productive, the road will be surfaced and maintained as necessary to prevent soil erosion and accommodate year-round traffic.

CONFIDENTIAL

3. Location of Existing Wells

- a. See Exhibit "B". There are four proposed, four existing wells and one water well within a one mile radius of the proposed location.

4. Location of Existing and/or Proposed Facilities

- a. If the reentry is successful, installation of production facilities will follow.
- b. Buried power-lines and gathering lines will follow the proposed access road, down the county road to the intersection with the main pipeline corridor (see Exhibit "B").
- c. Rehabilitation of all pad areas not used for production facilities will be made in accordance with landowner stipulations.

5. Location and Type of Water Supply

- a. Water to be used for drilling will be obtained from Price River Water Improvement District (a local source of municipal water).
- b. Water will be transported by truck over approved access roads.
- c. No water well is to be drilled for this location.

6. Source of Construction Materials

- a. Any necessary construction materials needed will be obtained locally from a private source and hauled to the location on existing roads.
- b. No construction or surfacing materials will be taken from Federal/Indian land.

7. Methods for handling waste disposal

- a. As the well is already drilled but will be re-entered, a small reserve pit will be constructed with a minimum of one-half the total depth below the original ground surface on the lowest point within the pit. The pit will be lined with a synthetic liner. Three sides of the reserve pit will be fenced within 24 hours after completion of construction and the fourth side within 24 hours after completion operations cease with four strands of barbed wire, or woven wire topped with barbed wire to a height of not less than four feet. The fence will be kept in good repair while the pit is drying.

- b. Following completion, the liquid waste will be evaporated from the pit and the pit backfilled and returned to natural grade. No liquid hydrocarbons will be discharged to the reserve pit or location.
- c. In the event fluids are produced, any oil will be retained in tanks until sold and any water produced will be retained until its quality can be determined. The quality and quantity of the water will determine the method of disposal.
- d. Trash will be contained in a portable metal container and will be hauled from location periodically and disposed of at an approved disposal site. Chemical toilets will be placed on location and sewage will be disposed of at an appropriate disposal site.

8. Ancillary Facilities

- a. We anticipate no need for ancillary facilities with the exception of trailers to be located on the drill site.

9. Well-site Layout

- a. Available topsoil has already been removed and stockpiled. Location of the rig, reserve and blooie pits, and drilling support equipment will be located as shown on Attachment "C".
- b. Access to the well pad will be as shown on Exhibit "B".
- c. Natural runoff will be diverted around the well pad.

10. Plans for Restoration of Surface

- a. All surface areas not required for producing operations will be graded to as near original condition as possible and contoured to maintain possible erosion to a minimum.
- b. Available topsoil will be stockpiled and will be evenly distributed over the disturbed areas and the area will be reseeded as prescribed by the landowner.
- c. Pits and any other area that would present a hazard to wildlife or livestock will be fenced off when the rig is released and removed.

- d. Any oil accumulation on the pit will be removed or overhead flagged as dictated by then existed conditions.
- e. Rehabilitation will commence following completion of the well. Rat and mouse holes will be filled immediately upon release of the drilling rig from the location. If the well-site is to be abandoned, all disturbed areas will be re-contoured to the natural contour as is possible.

11. Surface Ownership

- a. The well-site and access road will be constructed on lands owned by the School and Institutional Trust Lands Administration, 675 East 500 South, SLC, Utah 84102-2818; 801-538-5100. The operator shall contact the landowner and the Division of Oil, Gas and Mining 48 hours prior to beginning construction activities.

12. Other Information:

- a. The primary surface use is wildlife habitat. The nearest dwelling is approximately 6.5 miles east. Nearest live water is First Water 2,700' southwest.
- b. If there is snow on the ground when construction begins, it will be removed before the soil is disturbed, and piled downhill from the topsoil stockpile location.
- c. The back-slope and fore-slope will be constructed no steeper than 4:1.
- d. All equipment and vehicles will be confined to the access road and well pad.
- e. A complete copy of the approved Application for Permit to Drill (APD) including conditions and stipulations shall be on the well-site during construction and drilling operations.

There will be no deviation from the proposed re-entry program without prior approval from the Division of Oil, Gas & Mining.

13. **Company Representative**

George Rooney
Klabzuba Oil and Gas, Inc
700 – 17th Street
Suite 1300
Denver, Colorado 80202
1-303-382-4443
1-303-619-1908

Permitting Consultant

Don Hamilton
Environ. Man. / Proj. Coord.
Talon Resources, Inc.
195 North 100 West
Huntington, Utah 84528
1-435-650-1886
1-435-687-5310

Excavation Contractor

Dennis Jensen
Vice President
JNR Construction
P.O. Box 1598
Roosevelt, Utah 84066
1-435-722-3996
1-435-823-6590

Mail Approved A.P.D. To:
Company Representative

14. **Certification**

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and that the work associated with the operations proposed herein will be performed by Klabzuba Oil and Gas, Inc. and its subcontractors in conformity with this plan and the terms and conditions under which it is approved.

8-19-02
Date

Don Hamilton
Don Hamilton
Agent for Klabzuba Oil and Gas, Inc.
Talon Resources, Inc.

ORIGINAL

492354m E.

493963m E.

WGS84 Zone 12S 495572m E.

4384525m N.

4384525m N.

4382916m N.

4382916m N.

4381307m N.

4381307m N.

4379698m N.

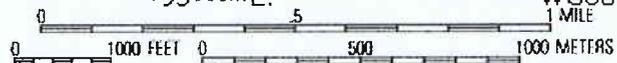
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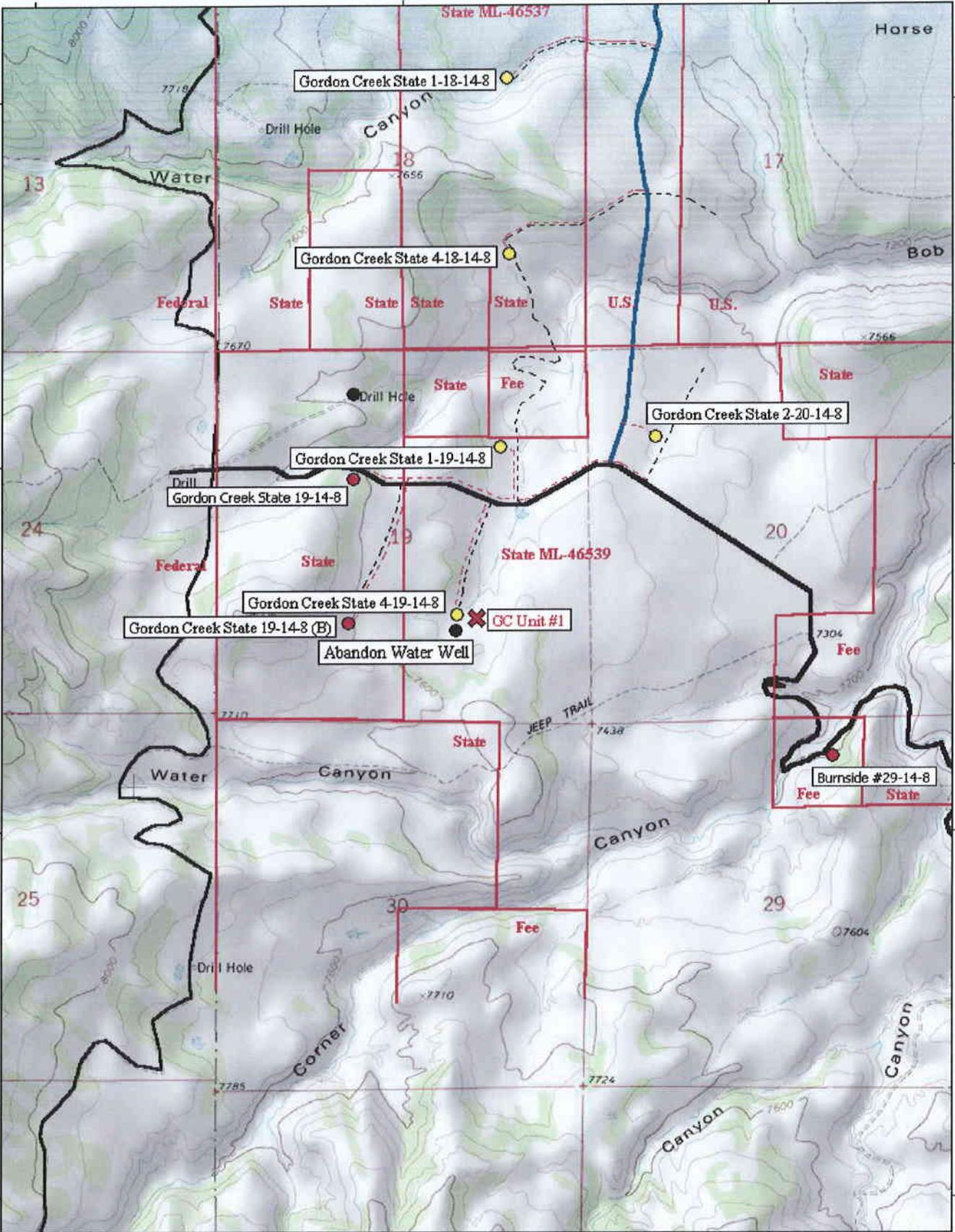
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WGS84 Zone 12S 495572m E.

TN
MN
13°

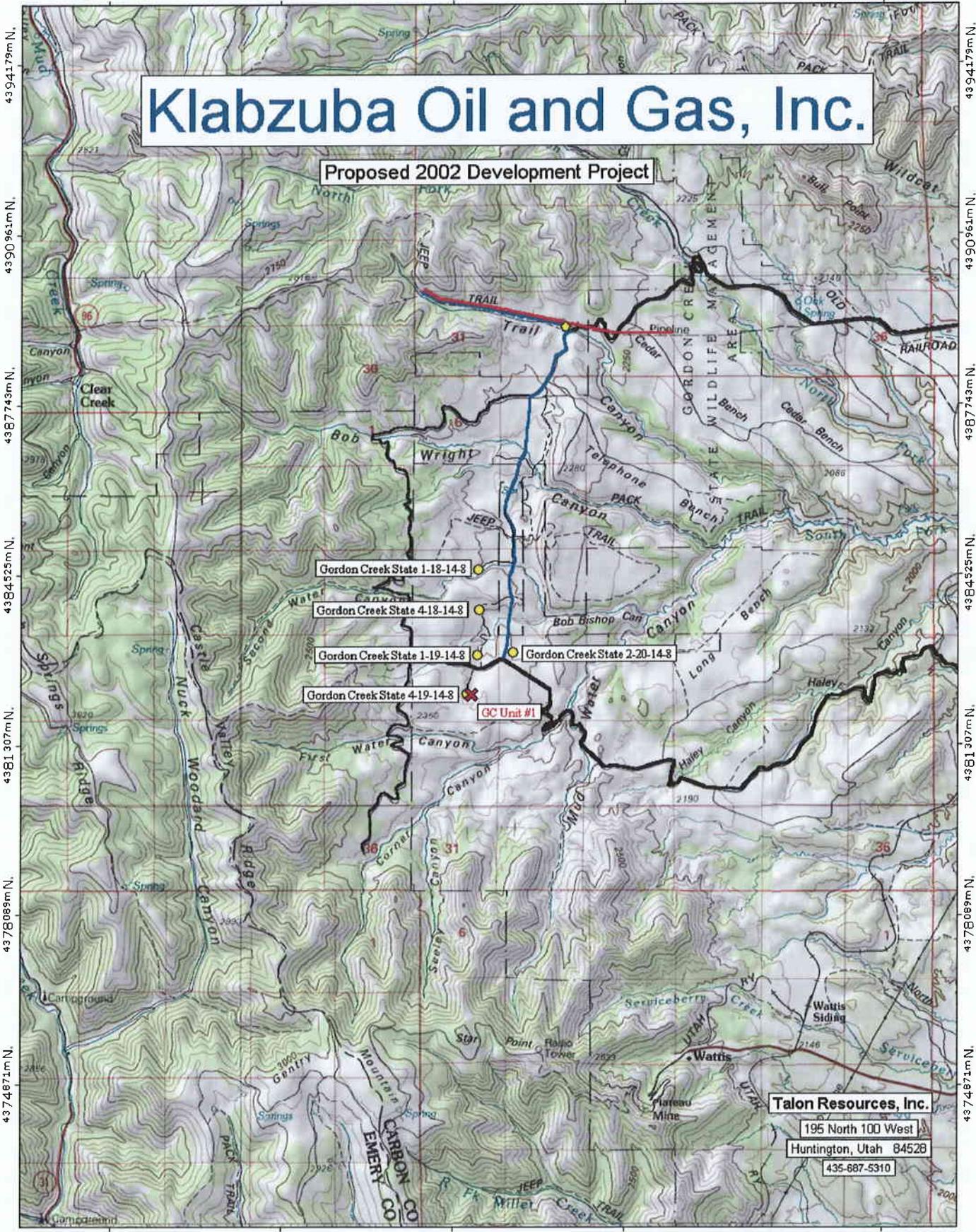


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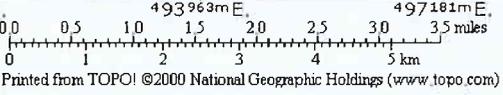


Klabzuba Oil and Gas, Inc.

Proposed 2002 Development Project



Talon Resources, Inc.
 195 North 100 West
 Huntington, Utah 84528
 435-887-5310



Gorden Creek Unit #1 Proposed Plugging Diagram

Initial Production: NA

Spud Date: 01/11/79
Put on Production: NA
P&A'd: 08/12/79
GL: 7472' KB: 7494'

Wellbore Diagram
03/09/02
GBR IV

CONDUCTOR CASING

CSG SIZE: 20"
GRADE: NA
WEIGHT: NA
LENGTH: NA
DEPTH LANDED: 102'
HOLE SIZE: NA
CEMENT DATA: Cement to surface

102' KB
Mesaverde @200'

SURFACE CASING

CSG SIZE: 13 3/8"
GRADE: N-80 & K-55
WEIGHT: 72# & 68#
LENGTH: NA
DEPTH LANDED: 4349'
HOLE SIZE: 17 1/2"
CEMENT DATA: 1st Stage: 1380 sks Hall. Light & 300 sks Class H
2nd Stage: 1189 sks Hall. Light & 200 sks Class H
Returns to surface

Upper Mancos @1600'
Stage Collar @ 1992' KB

72# N-80 Buttress	surf to 113'	(113')
68# K-55 Buttress	113' to 1992'	(1879')
Stage collar	1992' to 1995'	(3')
68# K-55 Buttress	1995' to 2469'	(474')
72# N-80 Buttress	2469' to 4349'	(1880')

PRODUCTION CASING

CSG SIZE: 9 5/8"
GRADE: N-80 & S-95
WEIGHT: 47#
LENGTH: NA
DEPTH LANDED: 10,200'
HOLE SIZE: 12 1/4"
CEMENT DATA: 1st Stage: 1347 sks Class H 2nd Stage: 1072 sks Class H
CEMENT TOP AT: 4900' per CBL 06/20/1979

4349' KB

Stage Collar @ 8154' KB

47# N-80 Buttress	surf to 7002'	(7002')
47# S-95 Buttress	7002' to 8154'	(1152')
Stage collar	8154' to 8157'	(3')
47# S-95 Buttress	8157' to 10,200'	(2043')

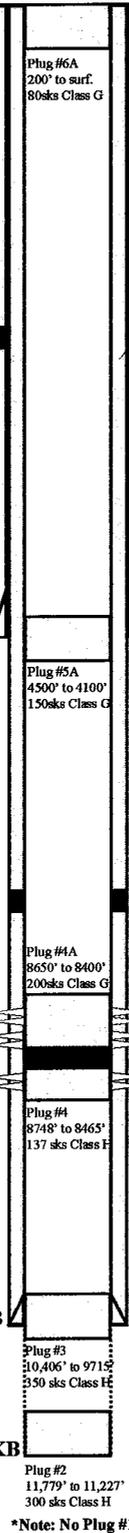
TUBING

SIZE/GRADE/WT.: 2-7/8" / N-80 / 6.5#
NO. OF JOINTS:
NO. OF JOINTS:
NO. OF JOINTS:
SN: (1.10")
MODEL 'R3' PACKER: 8380' KB
NO. OF JOINTS:
EOT @ 8380'

LOGS: NEC/IL/DN/GR & CBL

10,200' KB

11,781' KB



Well Completion

02/21/79	DST #1	(3270-91')	Misrun
	DST #1A	(3270-91')	52 to 113 MCFPD @ 25 psig
02/27/79	DST #2	(4074'-4015')	Misrun
	DST #2A	(4074'-4015')	Misrun
03/03/79	DST #3	(4050'-4100')	3633' of Drlg mud no gas
05/10/79	DST #4	(8550-8703')	2000 MCFPD CO2
05/14/79	DST #5	(8448'-8703')	Misrun
06/26/79	DST #6	(10,200-438')	Weak blow, trace CO2, 384' mud
07/01/79	DST #7	(10,420-584')	Weak blow, no CO2
07/17/79	DST #8	(11,176-381')	Weak blow, 50' mud
07/25/79	DST #9	(11,543-680')	1,666 MCFPD CO2, 15 PPM H2S
07/29/79	DST #10	(11,688-781')	Misrun
08/01/79	DST #11	(11,647-781')	Rec. 5540' fluid: 376' mud, 1768' gas cut mud, & 3378' gas cut mud w/ sulphur odor
08/08/79	Perforate Navajo:	8687-92'	
	DST #12	(8687-92')	CO2: 586 to 766 MCFPD

Ferrin @3250'
Lower Mancos @3650'
Dakota @4025'
Cedar Mtn. @4120'

Carmel @7650'

Navajo @8402'
Proposed: 8464-94'
Proposed: 8590'-8616'
CIBP w/cmt @ 8650'
8687-92''

Kayenta @8750'

Open Hole from 10,200' to 11,781'
SN: 8375'
EOT: 8380'
PBTD: 8650'
Shoe: 10,200' KB
TD: 11,781' KB

Sinbad @10,460'

Kiabab @10,889'
Coconis @11,137'

PERFORATION RECORD

08/08/79	8687'-8692'	4 JSFP 22 gm chg	32 holes
Proposed	8464-94'	4 JSFP	120 Holes
Proposed	8590-8616'	4 JSFP	104 Holes

*Note: No Plug #1

Klabzuba Oil & Gas Co.

GORDON CREEK UNIT #1

1517' FSL & 1590' FEL
NW/SE Section 19-T14S-R8E
Carbon Co, Utah
API #43-007-30044
State of Utah Lease # - ML-46539

TYPICAL ROAD CROSS-SECTION

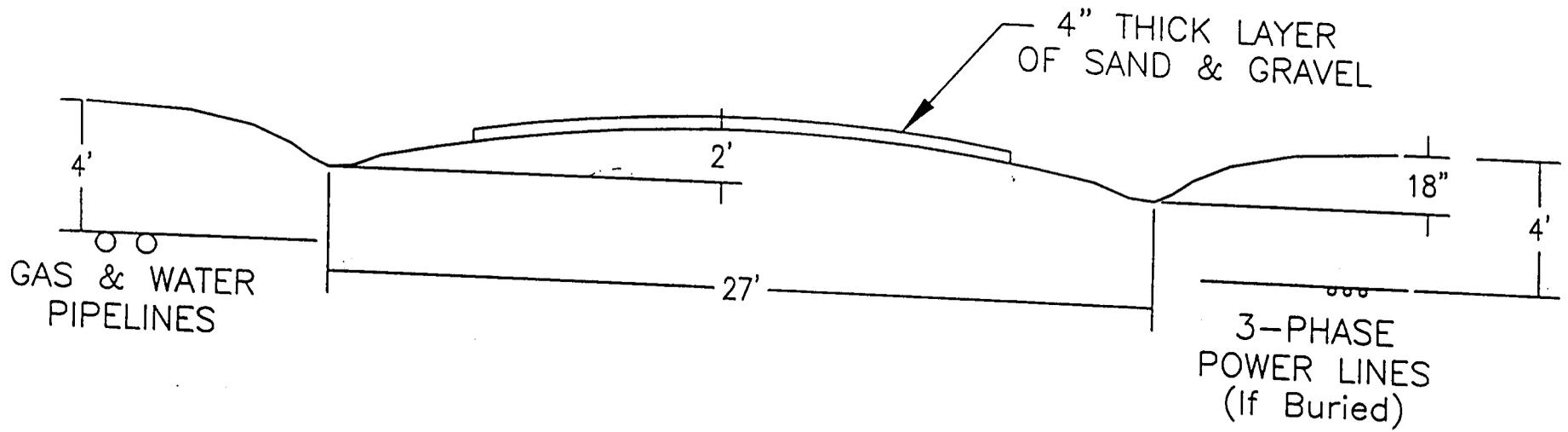


EXHIBIT "F"

BOP Equipment

3000psi WP

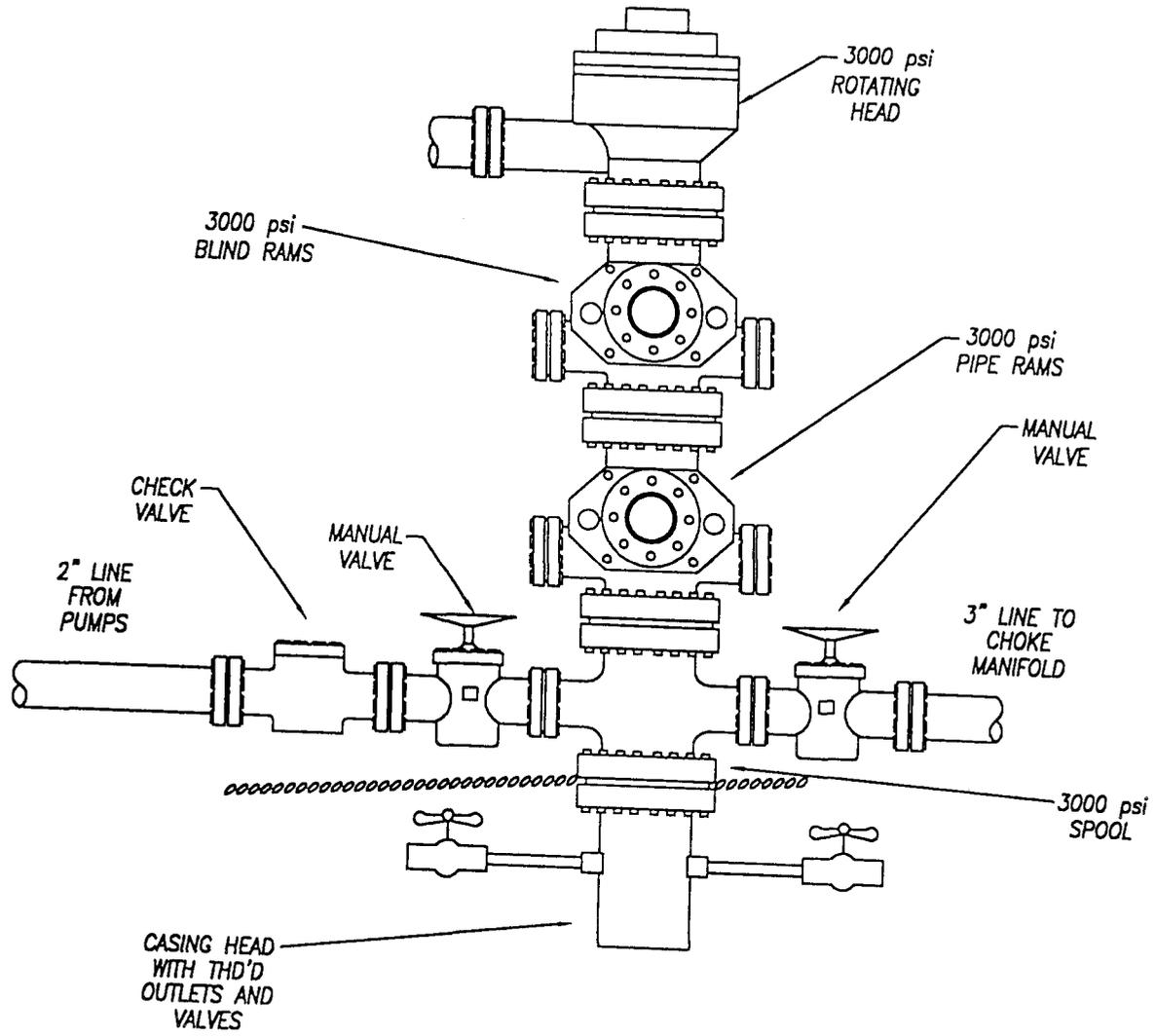


EXHIBIT "C"

CHOKE MANIFOLD

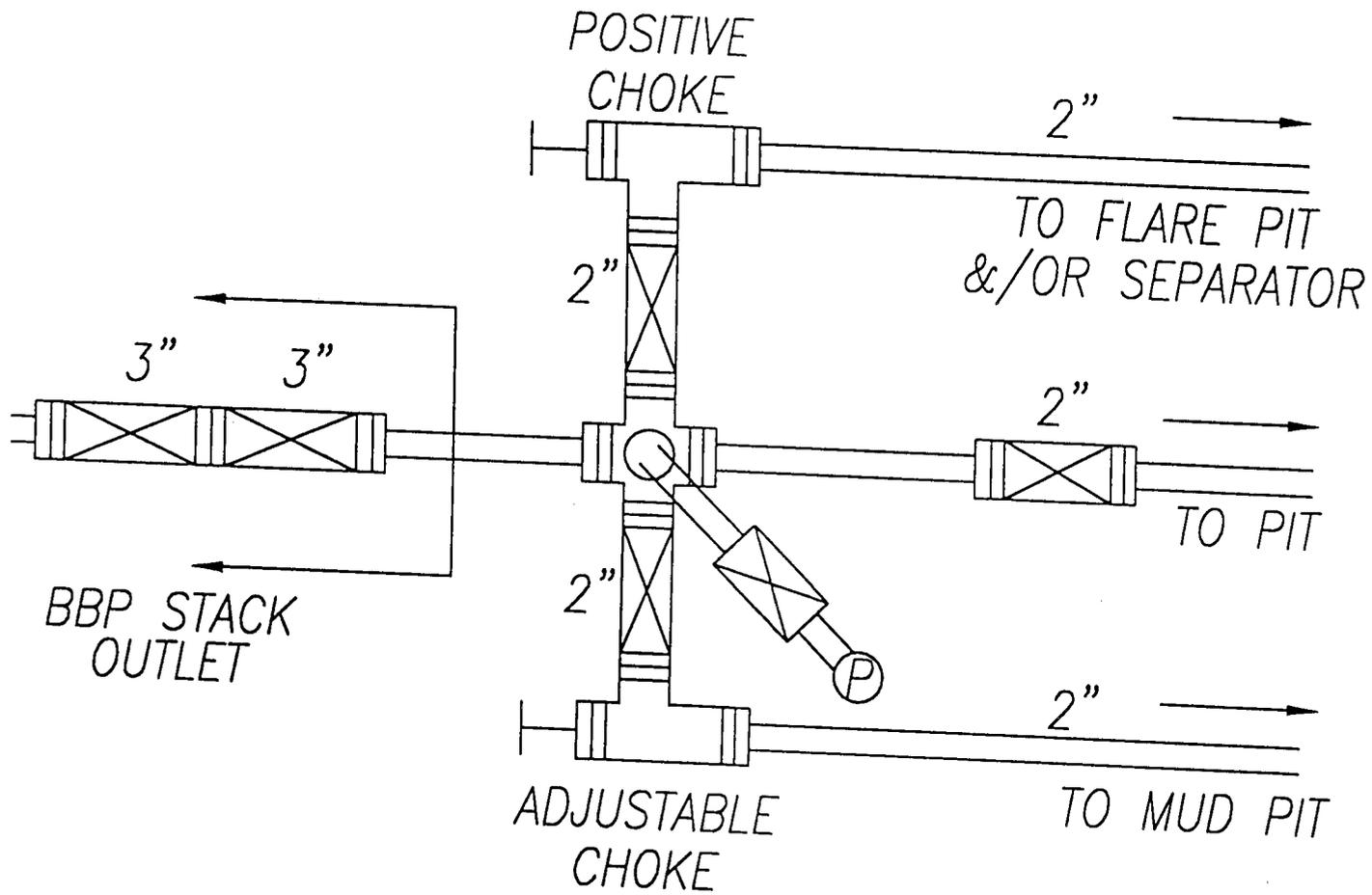


EXHIBIT "H"



HIGGINBOTHAM ASSOCIATES

INSURANCE & FINANCIAL SERVICES
SINCE 1946

RECEIVED

AUG 28 2002

August 27, 2002

KLABZUBA FT. WORTH

Mr. Ed Bonner
School & Institutional Trust Lands Administration
675 E. 500 South, Suite 500
Salt Lake City, Utah 84102-2818

Attn: Tom

Re: Klabzuba Oil & Gas, Inc.
Blanket Bond No. B32644644
\$80,000

Dear Mr. Bonner:

Enclosed please find the original signed executed bond as captioned. We trust this bond will meet with your approval.

Upon your acceptance of this Blanket Bond, we ask that Bond No. B32644629 and Bond No. 588080 be released. Please send your release in form of written letter from your office or the original bonds returned back to my attention so that I can return to the surety company.

Should you have any questions or concerns, please contact me at the number below.

Thank you.

Sincerely,

Joyce Myers

Joyce Myers, CISR
Energy Division
817-347-7086

RECEIVED

SEP 13 2002

DIVISION OF
OIL, GAS AND MINING

/jm
Enclosures

Cc: Mr. John R. Brown
Klabzuba Oil & Gas, Inc.

Wells/Prospect/Lease/Office/Other
Description
Company
Approved by

500 West 13th Street
Fort Worth, TX 76102
(800) 728-2374

3115 Beach Road, Suite 210
Dallas, TX 75225
(800) 728-2374

400 N. Carroll Boulevard, Suite 200
Denton, TX 76201
(800) 755-3075

120 Palo Pinto Street
Weatherford, TX 76086
(800) 721-7451

www.higginbotham.net

TO: KOG DENVER

KLABZUBA OIL & GAS

AUG. 30. 2002 7:52AM

NO. 359 P. 1

#6513 P.002/002

KLABZUBA OIL&GAS

SEP.13'2002 12:51 303-299-9087

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

020

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEEN form for such proposals.

1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:		5. Lease Designation and Serial Number: ML-46539
2. Name of Operator: Klabzuba Oil and Gas, Inc.		6. If Indian, Allottee or Tribe Name: N/A
3. Address and Telephone Number: 700—17th Street, Ste. 1300, Denver, CO 80202 1-303-382-4443		7. Unit Agreement Name: N/A
4. Location of Well Footages: 1517' FSL, 1590' FEL QQ, Sec., T., R., M.: NW/4 SE/4, Section 19, T14S, R8E, SLB&M		8. Well Name and Number: Gordon Creek, Unit #1
		9. API Well Number: 43-007-30044
		10. Field or Pool, or Wildcat: Gordon Creek
		County: Carbon State: Utah

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____ Approximate date work will start _____	<input type="checkbox"/> Abandon * <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input checked="" type="checkbox"/> Other <u>Production Status Clarification</u> Date of work completion _____
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recomplete <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Klabzuba Oil and Gas, Inc. intends to dual-complete the Gordon Creek, Unit #1 (re-Entry) as a production and injection well. If the dual completion is successful all plans for drilling the nearby Gordon Creek, State 4-19-14-8 will be abandon. Should the dual completion not be successful the rig will be skid and the Gordon Creek, State 4-19-14-8 will be drilled and completed as a production well.

Both wells will never be capable of simultaneous production. Production will never occur from both wells in the same quarter section. Having both wells approved at this time offers greater flexibility during the drilling and completion process.

ORIGINAL

13.

Name & Signature: Don Hamilton Don Hamilton Title: Agent for Klabzuba Date: 9-10-02

(This space for state use only)

RECEIVED

SEP 16 2002

DIVISION OF
OIL, GAS AND MINING

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

021

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEEN form for such proposals.

1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:		5. Lease Designation and Serial Number: ML-46539
2. Name of Operator: Klabzuba Oil and Gas, Inc.		6. If Indian, Allottee or Tribe Name: N/A
3. Address and Telephone Number: 700—17th Street, Ste. 1300, Denver, CO 80202 1-303-382-4443		7. Unit Agreement Name: N/A
4. Location of Well Footages: 1517' FSL, 1590' FEL County: Carbon QQ, Sec., T., R., M.: NW/4 SE/4, Section 19, T14S, R8E, SLB&M State: Utah		8. Well Name and Number: Gordon Creek, Unit #1
		9. API Well Number: 43-007-30044
		10. Field or Pool, or Wildcat: Gordon Creek

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____ Approximate date work will start _____	<input type="checkbox"/> Abandon * <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input checked="" type="checkbox"/> Other <u>Proposed well site layout</u> Date of work completion _____
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recomplete <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Attached please find a proposed well site layout for the reentry of the existing Gordon Creek Unit #1 well that was requested during the presite conducted on August 29, 2002.

Klabzuba Oil and Gas intends on utilizing the same Union drilling rig for the reentry of this well. The proposed layout utilizes entirely existing disturbance and makes the best use of the existing well pad.

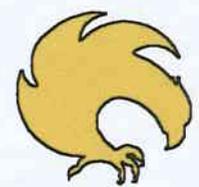
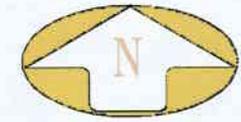
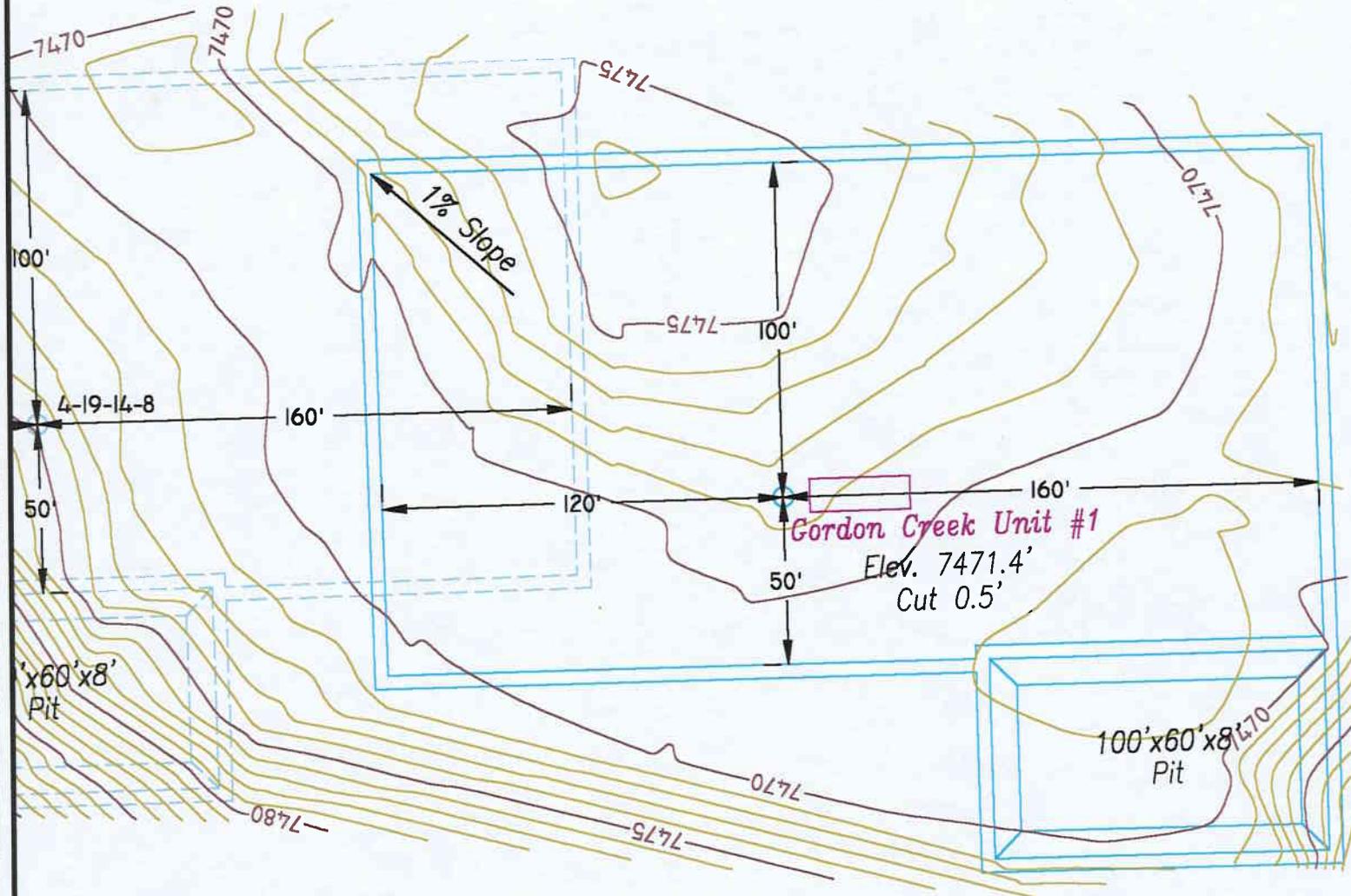
RECEIVED
SEP 16 2002
DIVISION OF OIL, GAS AND MINING
ORIGINAL

13.
Name & Signature: Don Hamilton Don Hamilton Title: Agent for Klabzuba Date: 9-12-02

(This space for state use only)

ELEVATION OF UNGRADED GROUND AT LOCATION STAKE = 7471.4'

ELEVATION OF GRADED GROUND AT LOCATION STAKE = 7471.9'



TALON RESOURCES, INC.

Price - Huntington, Utah
Phone (435)637-8781 Fax (435)636-9603
E-Mail talon@castlenet.com

**KLABZUBA OIL & GAS
LOCATION LAYOUT
Section 19, T14S, R8E, S.L.B.&M.
Gordon Creek Unit #1**

Drawn By: J. STANSFIELD	Checked By: L.W.J.
Drawing No. A-2	Date: 10/12/02
	Scale: 1" = 50'
Sheet 2 of 4	Job No. 528

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: / /

API NO. ASSIGNED: 43-007-30044

WELL NAME: GORDON CREEK U 1 (REENTRY)
OPERATOR: KLABZUBA OIL & GAS INC (N1325)
CONTACT: _____

PHONE NUMBER: _____

PROPOSED LOCATION:
NWSE 19 140S 080E
SURFACE: 1517 FSL 1590 FEL
BOTTOM: 1517 FSL 1590 FEL
CARBON
GORDON CREEK (20)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	10/1/02
Geology		
Surface		

LEASE TYPE: 3 - State
LEASE NUMBER: ML-46539
SURFACE OWNER: 3 - State

LATITUDE: 39.58996

PROPOSED FORMATION:

LONGITUDE: 111.06554

RECEIVED AND/OR REVIEWED:

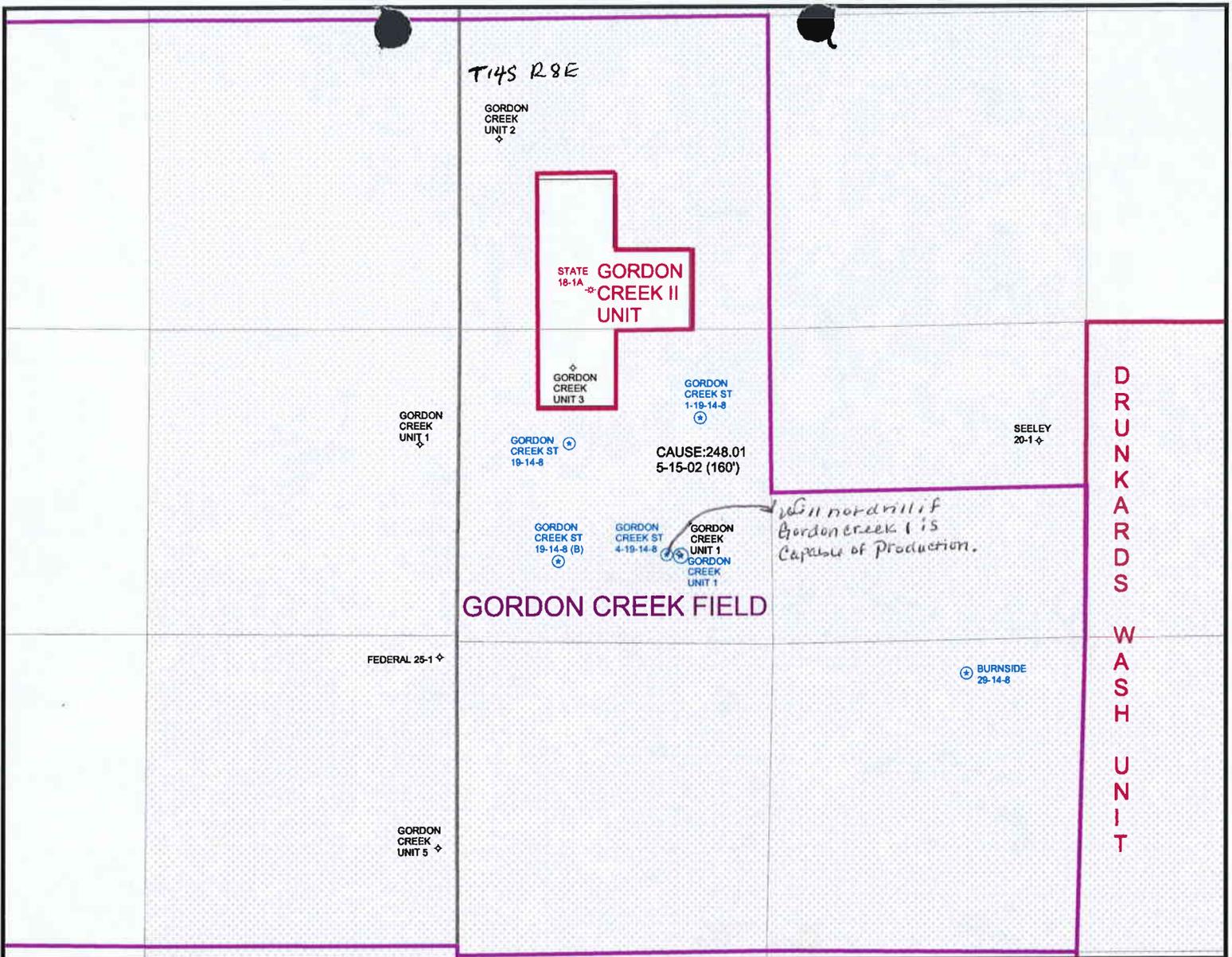
Plat
 _____ Bond: Fed[] Ind[] Sta[3] Fee[]
 (No. B32644629)
 Potash (Y/N)
 Oil Shale 190-5 (B) or 190-3 or 190-13
 Water Permit
 (No. Municipal)
 RDCC Review (Y/N)
 (Date: _____)
 Fee Surf Agreement (Y/N)

LOCATION AND SITING:

_____ R649-2-3.
 Unit _____
 _____ R649-3-2. General
 Siting: 460 From Qtr/Qtr & 920' Between Wells
 _____ R649-3-3. ~~Exception~~
 Drilling Unit
 Board Cause No: 248-01 (1/160')
 Eff Date: 5-15-02
 Siting: *460' fr unit boundary & 920' fr other wells.
 _____ R649-3-11. Directional Drill

COMMENTS: Need Permit (Recd 9-27-02)

STIPULATIONS: ① STATEMENT OF BASIS



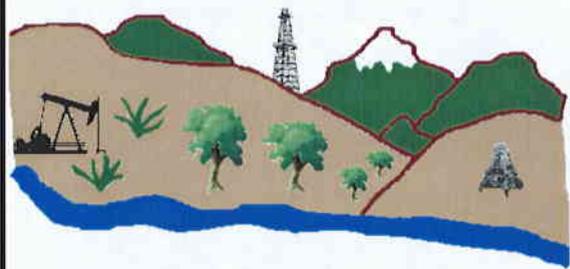
OPERATOR: KLABZUBA O&G INC (N1325)

SEC: 19 T14S R8E

FIELD: GORDON CREEK (20)

COUNTY: CARBON

SPACING: 248-01/5-15-02 (160')



Utah Oil Gas and Mining

Well Status

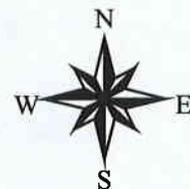
- ✓ GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL

Units Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Field Status

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED
- Sections.shp
- Township.shp
- Counties.shp



Prepared By: D. Mason
Date: 15-AUGUST-2002

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: Klabzuba Oil and Gas, Inc.
WELL NAME & NUMBER: Gordon Creek Unit #1 (Re-entry)
API NUMBER: 43-007-30044
LEASE: State **FIELD/UNIT:** Gordon Creek
LOCATION: 1/4, 1/4 NWSE Sec: 19 TWP: 14S RNG: 8E 1517' FSL 1590' FEL
LEGAL WELL SITING: 460' from unit boundary 920' from another well.
GPS COORD (UTM): X=494351 E; Y =4382044 N **SURFACE OWNER:** SITLA

PARTICIPANTS

M. Jones DOGM), Chris Colt (DWR), D. Hamilton (Talon), George Mooney (Klabzuba). SITLA and Carbon County were invited but chose not to attend.

REGIONAL/LOCAL SETTING & TOPOGRAPHY

The proposed location is ~7 miles west of the nearest dwelling. And ~15 miles west of Price, UT. The closest live water source is Second water creek 1.1 miles to the North. A water well is located ~100 yards SW of the Gordon Creek Unit #1, API #043-007-30044, which is the proposed well to re-enter with this APD. The area drains into Mud Water Canyon and eventually dumps into the Price River.

SURFACE USE PLAN

CURRENT SURFACE USE: Grazing and wildlife habitat.

PROPOSED SURFACE DISTURBANCE: 280' X 150' and 1800' of new access road off of existing county maintained road North of the location.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: No proposed and six existing within a one mile radius of the proposed location. Also 1 water well ~100 yards SW of PA marker and proposed drill site.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: Along roadways.

SOURCE OF CONSTRUCTION MATERIAL: Purchased locally and transported in.

ANCILLARY FACILITIES: None anticipated.

WASTE MANAGEMENT PLAN:

A dugout earthen reserve pit will be constructed to handle drill cuttings and liquid waste during the drilling process. Chemical toilets will be kept on site during drilling activities and will be disposed of at an appropriate municipal sewage facility. Trash will be kept in dumpsters and also taken to an appropriate municipal handling facility when drilling is completed. All other wastes will be handled in an appropriate manor.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: Dry washes run throughout the immediate and surrounding area.

FLORA/FAUNA: Native grasses, sagebrush, and rabbit brush, elk, deer,

fowl, rabbits.

SOIL TYPE AND CHARACTERISTICS: Silty clay, light gray in color.

SURFACE FORMATION & CHARACTERISTICS: _____

EROSION/SEDIMENTATION/STABILITY: Highly erosive.

PALEONTOLOGICAL POTENTIAL: None observed.

RESERVE PIT

CHARACTERISTICS: dugout earthen pit, 100 X 60 X 8 included within the pad boundaries.

LINER REQUIREMENTS (Site Ranking Form attached): Synthetic liner.

SURFACE RESTORATION/RECLAMATION PLAN

As per surface use agreement.

SURFACE AGREEMENT: On file with State.

CULTURAL RESOURCES/ARCHAEOLOGY: Completed and on file with State.

OTHER OBSERVATIONS/COMMENTS

The location had not been surveyed nor staked at time of pre-site, I asked the operator to provide this information for my review prior to submission of pre-site paperwork to SLC.

Discussion was made with pre-site attendees regarding the following items of interest:

1. Drainage control along the South side of the location keeping storm runoff away from the well pad.
2. Pit to be placed in SE corner of location, pending submission of a location plat diagram.
3. Access will be from the North.
4. Water well ~100 yards from the drill point, SW of the location is being considered as a possible water source for the drilling operations. According to G. Rooney, Klabzuba, this water well makes ~30-40 gal/min and is 260' deep. Proper channels will be pursued in obtaining permission to use this water.
5. Klabzuba desires a dual usage permit with this well in that it will be a disposal well as well as a production well pending the proper permit from DOGM.
6. Top soil storage on NE side of location.

ATTACHMENTS

Photos of this location were taken and placed on file.

Mark L. Jones
DOGM REPRESENTATIVE

August 29, 2002 / 9:30 am
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>20</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>20</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>20</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

Final Score 65 (Level I Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.
Sensitivity Level II = 15-19; lining is discretionary.
Sensitivity Level III = below 15; no specific lining is required.

Well name:	09-02 Klabzuba Gordon Creek U 1	
Operator:	Klabzuba Oil & Gas Inc.	Project ID:
String type:	Surface	43-007-30044
Location:	Carbon County	

Design parameters:

Collapse

Mud weight: 10.000 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 65 °F
 Bottom hole temperature: 126 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 250 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 0 psi
 Internal gradient: 0.571 psi/ft
 Calculated BHP 2,485 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.50 (B)

Tension is based on air weight.
 Neutral point: 3,721 ft

Estimated cost: 113,082 ()

Non-directional string.

Re subsequent strings:

Next setting depth: 10,200 ft
 Next mud weight: 11.000 ppg
 Next setting BHP: 5,829 psi
 Fracture mud wt: 19.000 ppg
 Fracture depth: 4,349 ft
 Injection pressure 4,293 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ()
2	2500	13.375	68.00	K-55	Buttress	2500	2500	12.29	56889
1	1849	13.375	72.00	N-80	Buttress	4349	4349	12.25	56193

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
2	1299	1873	1.44	1429	3450	2.41	303	1069	3.53 B
1	2259	2670	1.18	2485	5380	2.16	133	1661	12.48 B

Prepared by: Dustin Doucet
 Utah Dept. of Natural Resources

Phone: 801-538-5281
 FAX: 801-359-3940

Date: September 20, 2002
 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
 Collapse is based on a vertical depth of 4349 ft, a mud weight of 10 ppg. The casing is considered to be evacuated for collapse purposes.
 Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	09-02 Klabzuba Gordon Creek U 1		
Operator:	Klabzuba Oil & Gas Inc.	Project ID:	
String type:	Production	43-007-30044	
Location:	Carbon County		

Design parameters:

Collapse
 Mud weight: 11.000 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:
 Design factor 1.125

Burst:
 Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 65 °F
 Bottom hole temperature: 208 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 250 ft

Cement top: 4,863 ft

Burst

Max anticipated surface pressure: 0 psi
 Internal gradient: 0.571 psi/ft
 Calculated BHP 5,829 psi

 No backup mud specified.

Tension:
 8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.50 (B)

Non-directional string.

Tension is based on air weight.
 Neutral point: 8,517 ft

Estimated cost: 216,478 ()

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ()
2	7000	9.625	47.00	N-80	Buttress	7000	7000	8.625	142531
1	3200	9.625	47.00	S-95	Buttress	10200	10200	8.625	73947

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
2	4000	4546	1.14	4000	6870	1.72	479	1086	2.26 B
1	5829	7100	1.22	5829	8150	1.40	150	1289	8.57 B

Prepared by: Dustin Doucet
 Utah Dept. of Natural Resources

Phone: 801-538-5281
 FAX: 801-359-3940

Date: September 20, 2002
 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE
 Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
 Collapse is based on a vertical depth of 10200 ft, a mud weight of 11 ppg. The casing is considered to be evacuated for collapse purposes.
 Burst strength is not adjusted for tension.

DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS

OPERATOR: Klabzuba Oil and Gas, Inc.
WELL NAME & NUMBER: Gordon Creek Unit #1 (Re-entry)
API NUMBER: 43-007-30044
LEASE: State **FIELD/UNIT:** Gordon Creek
LOCATION: 1/4, 1/4 NWSE **Sec:** 19 **TWP:** 14S **RNG:** 8E 1517' FSL 1590' FEL

Geology/Ground Water:

This location is in a horst and graben area of the Wasatch Plateau. A search of the water rights database for this area show that there are 14 points of diversion within a mile of this location. One of these is an underground water well about 500' deep. Surface casing on this Re-Entry well cannot be altered and is already set and cemented. This well was spudded on a small lense of Quaternary Alluvium that overlies the Upper Blue Gate Member of the Mancos Shale. Below the Blue Gate are the Garley Canyon Sandstone and the three members of the Emery Sandstone. These four sands are the likely sources of the numerous springs and seeps the area. These possible water resources will be protected with proper amounts of cement across the sand intervals.

Reviewer: K. Michael Hebertson Date: 27-September-2002

Surface:

Plat diagram as well as surveying and staking of this proposed well location has taken place and reviewed by Mark Jones, 8/23/2002, as was stipulated at the original pre-site. This well is proposed as a production/disposal well pending authorization from the Division. There is one nearby water well, currently not being used, ~300' SW of the location. Klabzuba would like to use this well to provide fresh water for drilling and will pursue proper channels to do so. The site was photographed and characterized on 8/29/2002. Rehabilitation of the site, litter and waste control, preservation of drainage patterns, groundwater, and other resources was discussed and agreed on. Any well utilities and gathering systems will follow the roadways. Due to the erosive nature of the area and its soil special considerations were agreed on to ensure the integrity of the well site as well as protect and minimize the effect of possible erosion to the surrounding environment. DWR was present during the pre-site. Carbon County and SITLA were invited but chose not to attend.

Reviewer: Mark L. Jones Date: September 23, 2002

Conditions of Approval/Application for Permit to Drill:

1. Berm the well location and enclose the reserve pit with fencing.
2. A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.
3. Top soil storage as per agreement during pre-site meeting on NE side of pad.
4. Runoff diversion trench along the South side of pad.

UTAH DIVISION OF WATER RIGHTS
WATER RIGHT POINT OF DIVERSION PLOT CREATED FRI, SEP 27, 2002, 9:02 AM
PLOT SHOWS LOCATION OF 14 POINTS OF DIVERSION

PLOT OF AN AREA WITH A RADIUS OF 5280 FEET FROM A POINT
N 1517 FEET, W 1590 FEET OF THE SE CORNER,
SECTION 19 TOWNSHIP 14S RANGE 8E SL BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 2000 FEET

N O R T H

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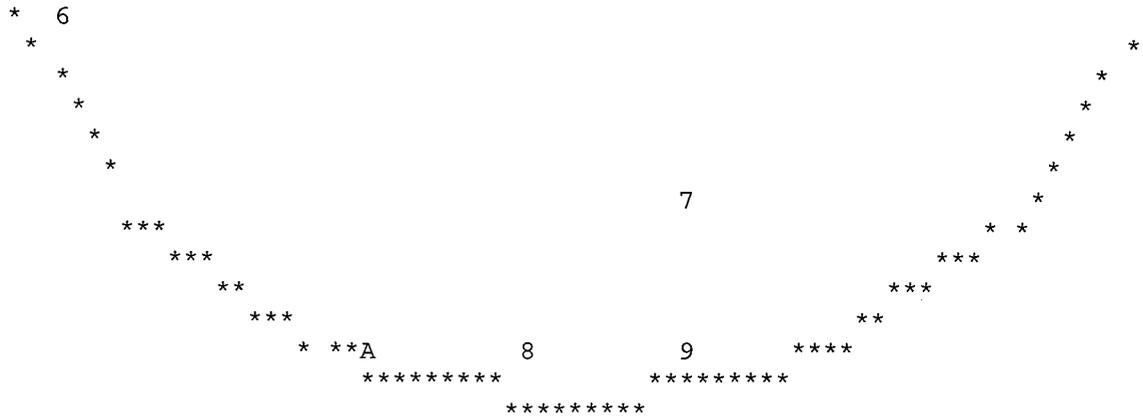
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2

4 3

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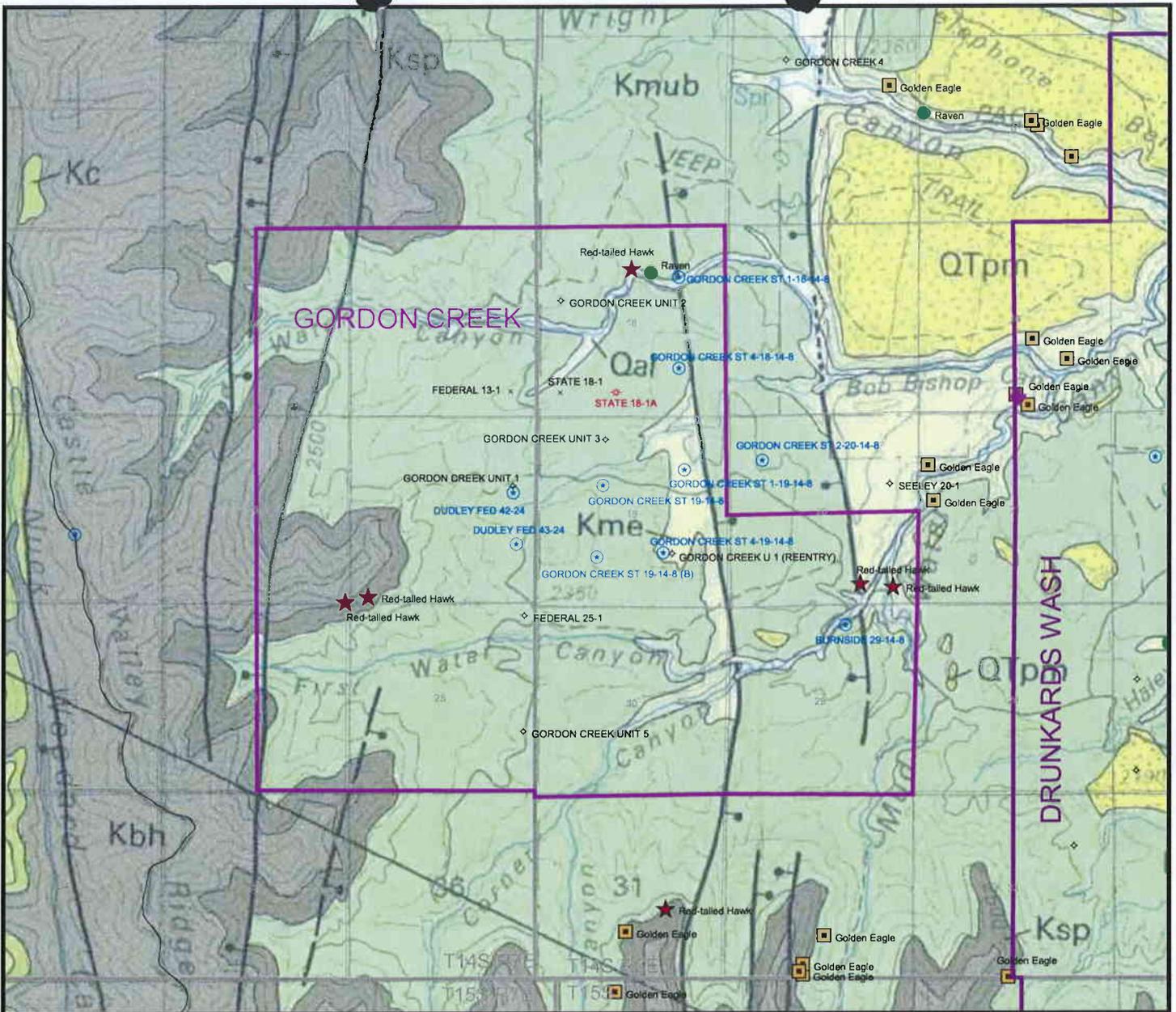


UTAH DIVISION OF WATER RIGHTS
 NWPLAT POINT OF DIVERSION LOCATION PROGRAM

MAP CHAR	WATER RIGHT	QUANTITY CFS	AND/OR AC-FT	SOURCE DESCRIPTION or WELL INFO	POINT OF DIVERSION DESCRIPTION	U A P T S N P E E U N P R R R
0	91 3111	.0110	.00	Unnamed Spring		X X
		WATER USE(S):			PRIORITY DATE: 00/00/1869	
		Oman, Milton A.		717 Continental Bank Building	Salt Lake City UT	
1	91 3073	.0000	.00	Bob Bishop Canyon Creek		X X
		WATER USE(S): STOCKWATERING			PRIORITY DATE: 00/00/1869	
		State of Utah School & Institutional Tru		675 East 500 South, 5th Floor	Salt Lake City UT 84102	
2	91 3073	.0000	.00	Bob Bishop Canyon Creek		X X
		WATER USE(S): STOCKWATERING			PRIORITY DATE: 00/00/1869	
		State of Utah School & Institutional Tru		675 East 500 South, 5th Floor	Salt Lake City UT 84102	
3	91 4209	.1000	.00	6 10 - 500	N 1411 W 1484 SE 19 14S 8E SL	X
		WATER USE(S): MINING			PRIORITY DATE: 09/06/1979	
		State of Utah School & Institutional Tru		675 East 500 South, 5th Floor	Salt Lake City UT 84102	
4	91 4212	1.0500	.00	Underground Water Well	N 1410 W 1785 SE 19 14S 8E SL	X

Points of Diversion

	WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING		PRIORITY DATE: 09/19/1979	
	Oman, Milton A.	1714 Millcreek Way	Salt Lake City	UT 84106
5	<u>91 4191</u>	.0150 .00 Unnamed Spring		X X
	WATER USE(S):		PRIORITY DATE: 00/00/1869	
	USA Forest Service	324 - 25th Street	Ogden	UT 84401
6	<u>91 991</u>	.0000 .00 First Water Canyon Creek		X X
	WATER USE(S):		PRIORITY DATE: 00/00/1869	
	USA Forest Service	324 25th Street	Ogden	UT 84401
7	<u>91 3926</u>	.0000 .00 North Fork Corner Canyon Creek		X X
	WATER USE(S):		PRIORITY DATE: 00/00/1869	
	State of Utah School & Institutional Tru	675 East 500 South, 5th Floor	Salt Lake City	UT 84102
8	<u>91 1656</u>	.0000 .00 North Fork Corner Canyon Creek		X
	WATER USE(S):		PRIORITY DATE: 00/00/1869	
	Burnside, Sarah McVey		Huntington	UT 84528
9	<u>91 1656</u>	.0000 .00 North Fork Corner Canyon Creek		X X
	WATER USE(S):		PRIORITY DATE: 00/00/1869	
	Burnside, Sarah McVey		Huntington	UT 84528
A	<u>91 2704</u>	.0000 .00 North Fork Corner Canyon Creek		X X
	WATER USE(S): STOCKWATERING		PRIORITY DATE: 00/00/1869	
	USA Bureau of Land Management (Price Fie	125 South 600 West	Price	UT 84501
A	<u>91 2704</u>	.0000 .00 North Fork Corner Canyon Creek		X X
	WATER USE(S): STOCKWATERING		PRIORITY DATE: 00/00/1869	
	USA Bureau of Land Management (Price Fie	125 South 600 West	Price	UT 84501
A	<u>91 4400</u>	.0000 .00 Corner Canyon Creek		X X
	WATER USE(S): STOCKWATERING		PRIORITY DATE: 00/00/1869	
	State of Utah School & Institutional Tru	675 East 500 South, 5th Floor	Salt Lake City	UT 84102
A	<u>91 4400</u>	.0000 .00 Corner Canyon Creek		X X
	WATER USE(S): STOCKWATERING		PRIORITY DATE: 00/00/1869	
	State of Utah School & Institutional Tru	675 East 500 South, 5th Floor	Salt Lake City	UT 84102



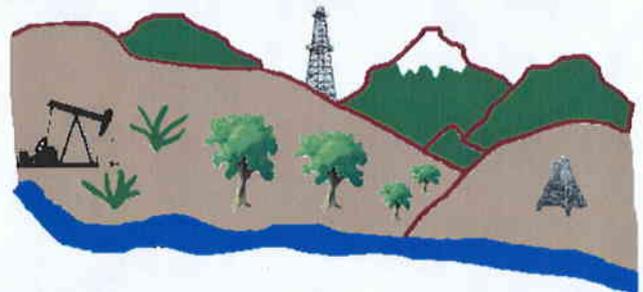
LEGEND

Well Status

- ◆ GAS INJECTION
- GAS STORAGE WELL
- LOCATION ABANDONED
- NEW LOCATION
- ◇ PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- × TEMP. ABANDONED
- TEST WELL
- ▲ WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL

Land Ownership

- Private Not Classed
- Forest Service
- BLM
- State Lands
- Native American
- Private
- Military
- National Parks
- State Parks
- State Wilderness
- National Recreation
- US Wildlife
- Wilderness
- Bankhead Jones
- Sovereign Lands
- Water
- Intermittent Water



Utah Oil Gas and Mining



Prepared By: K. Michael Hebertson

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT ." for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas well Other Re-entry

2. Name of Operator
Klabzuba Oil & Gas Inc.

3. Address and Telephone No.
Legacy Tower 700 Seventeenth Street, Suite 1300 Denver, CO 80202 (303) 299-9097

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1517' FSL & 1590' FEL NW/SE Section 19-T14S-R8E

5. Lease Designation and Serial No.
ML-46539

6. If Indian, Allottee or Tribe Name
NA

7. If unit or CA, Agreement Designation
NA

8. Well Name and No.
Gordon Creek Unit #1

9. API Well No.
43-007-30044

10. Field and Pool, or Exploratory Area
Gordon Creek Area

11. County or Parish, State
Carbon, UT

12 CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing repair	<input type="checkbox"/> Water Shut-off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Misc. Information</u>	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Upon re-entering the Gordon Creek Unit #1, Klabzuba plans to bond log the well from 9,000' to surface to evaluate the cement integrity. Klabzuba will also run a free point on the 9 5/8" casing to better determine the cement top associated with this string. Klabzuba expects to have to cement the 9 5/8"-13 3/8" annulus to cover the Ferron interval located at approximately 3,700'. The cement will be circulated from 4,200' or free point, whichever is higher, to approximately 1,500' below surface if cement is not present covering the Ferron. Using an annular volume based on 4,200' and 25% excess, cement volume using class G neat cement would be approximately 1,500 ^{bbls.}

5165 per George Rooney 10/1/02 DCD

Klabzuba will also pull the well every 5 years to satisfy the UIC casing integrity requirement, if the Ferron re-entry completion is successful.

14. I hereby certify that the foregoing is true and correct

Signed George Rooney Title Petroleum Engineer Date 09/30/2002

(This space of Federal or State office use.)

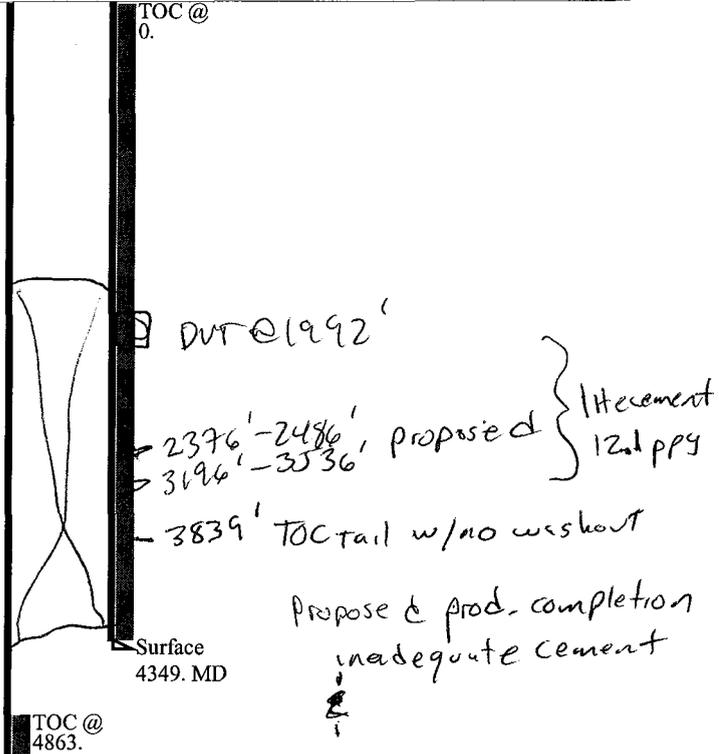
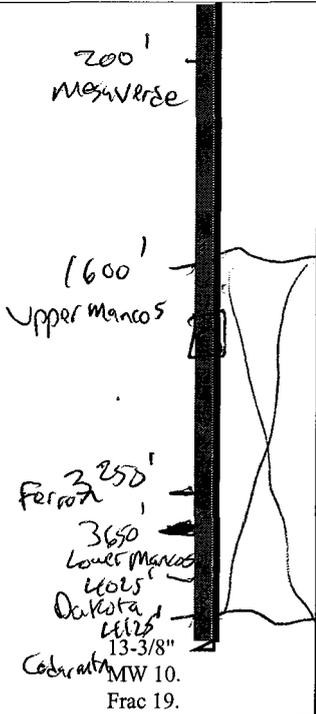
Approved by _____ Title _____ Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Casing Schematic

Surface



BOP
 $(0.052)(9)(9715) = 4547 \text{ psi}$

$\frac{\text{Gas}}{0.12}(9715) = 1166 \text{ psi}$
MASP = 3381 psi

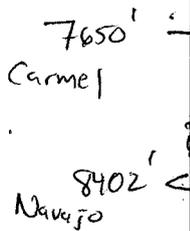
$\frac{\text{cas/mud}}{0.22}(9715) = 2137$

MASP = 2410 psi

3M BOPE proposed

Adequate

DRO 10/1/02



9-5/8" MW 11.

Remedial Cnt Job
 $1500 \text{ bbls Class "G" } \frac{1}{3} \text{ per George Rooney}$
 $16074 \text{ ft} / \frac{1}{3} \text{ bbl} = \text{capacity}$
 $Sx = \frac{(4200 - 1500)}{(1.18)(2.982)} = 767 \text{ Sx} \approx 1616 \text{ bbls}$
Proposed = $(1500 \text{ Sx})(1.18)(2.982) = 5278 \text{ ft}$

DVT @ 8154'
8464-94' proposed
8570-8616' proposed
8687-92 BQZD perf's
15.2 ppy class H cement to DVT

Proposed injection zone OK.

Production 10200. MD



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

Michael O. Leavitt
Governor
Robert L. Morgan
Executive Director
Lowell P. Braxton
Division Director

October 1, 2002

Klabzuba Oil and Gas, Inc.
700 17th St, Suite 1300
Denver, CO 80202

Re: Gordon Creek, Unit #1 Well, 1517' FSL, 1590' FEL, NW SE, Sec. 19, T. 14 South,
R. 8 East, Carbon County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-30044.

Sincerely,

A handwritten signature in black ink, appearing to read 'John R. Baza'.

John R. Baza
Associate Director

pb

Enclosures

cc: Carbon County Assessor
SITLA

Operator: Klabzuba Oil and Gas, Inc.
Well Name & Number Gordon Creek, Unit #1
API Number: 43-007-30044
Lease: ML-46539

Location: NW SE Sec. 19 T. 14 South R. 8 East

Conditions of Approval

1. **General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. **Notification Requirements**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. **Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. **Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.**

5. **Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)**

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

026

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:

Klabzuba Oil and Gas, Inc.

3. Address and Telephone Number:

700—17th Street, Ste. 1300, Denver, CO 80202 1-303-382-4443

4. Location of Well

Footages: 1517' FSL, 1590' FEL

QQ, Sec., T., R., M.:

NW/4 SE/4, Section 19, T14S, R8E, SLB&M

5. Lease Designation and Serial Number:

ML-46539

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Gordon Creek, Unit #1

9. API Well Number:

43-007-30044

10. Field or Pool, or Wildcat:

Gordon Creek

County: Carbon

State: Utah

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |
- Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Updated well site layout</u> | |
- Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Attached please find a rotated well site layout with a smaller pit template for the reentry of the existing Gordon Creek Unit #1 well following the presite conducted on August 29, 2002.

Klabzuba Oil and Gas intends on utilizing the same Union drilling rig for the reentry of this well. The proposed layout utilizes entirely existing disturbance and makes good use of the existing well pad while accommodating future production equipment proposed on the site.

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OCT 04 2002

DIVISION OF
OIL, GAS AND MINING

ORIGINAL

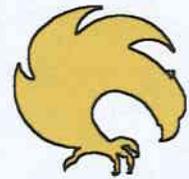
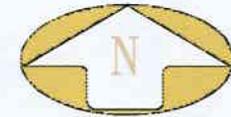
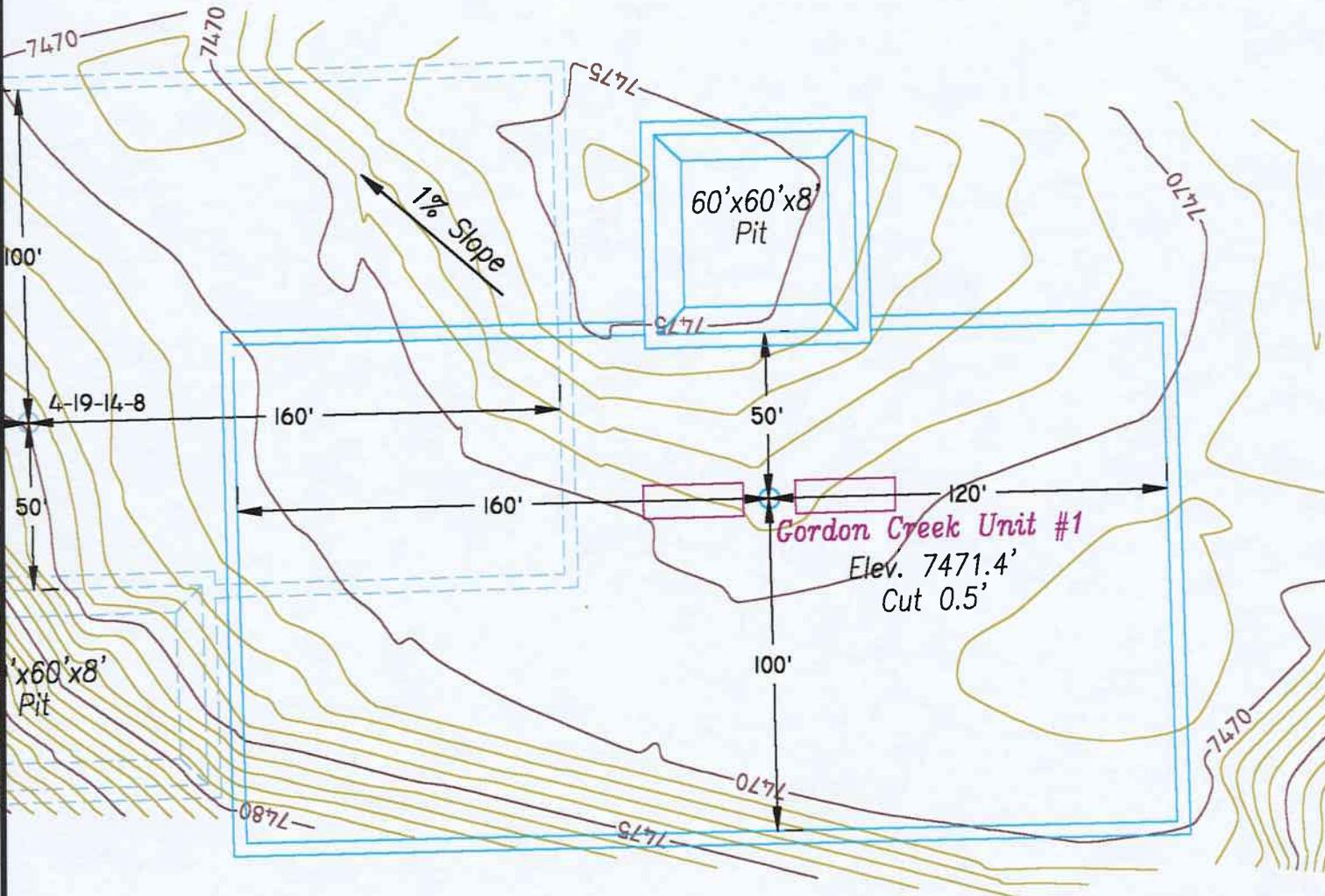
13.

Name & Signature: Don Hamilton Don Hamilton Title: Agent for Klabzuba Date: 10-2-02

(This space for state use only)

ELEVATION OF UNGRADED GROUND AT LOCATION STAKE = 7471.4'

ELEVATION OF GRADED GROUND AT LOCATION STAKE = 7471.9'



TALON RESOURCES, INC.

Price - Huntington, Utah
Phone (435)637-8781 Fax (435)636-8603
E-Mail taloncastienet.com

**KLABZUBA OIL & GAS
LOCATION LAYOUT**
Section 19, T14S, R8E, S.L.B.&M.
Gordon Creek Unit #1

Drawn By: J. STANSFIELD	Checked By: L.W.J.
Drawing No. A-2	Date: 10/12/02
	Scale: 1" = 50'
Sheet 2 of 4	Job No. 528

033

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

ML-46539

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Gordon Creek, Unit #1

9. API Well Number:

43-007-30044

10. Field or Pool, or Wildcat:

Gordon Creek

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:

Klabzuba Oil and Gas, Inc.

3. Address and Telephone Number:

700—17th Street, Ste. 1300, Denver, CO 80202 1-303-382-4443

4. Location of Well

Footages:

1517' FSL, 1590' FEL

QQ, Sec., T., R., M.:

NW/4 SE/4, Section 19, T14S, R8E, SLB&M

County: Carbon

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- Abandon, Repair Casing, Change of Plans, Convert to Injection, Fracture Treat or Acidize, Multiple Completion, Other, New Construction, Pull or Alter Casing, Recomplete, Reperforate, Vent or Flare, Water Shut-Off

Approximate date work will start

SUBSEQUENT REPORT (Submit Original Form Only)

- Abandon *, Repair Casing, Change of Plans, Convert to Injection, Fracture Treat or Acidize, Other Change of Water Source, New Construction, Pull or Alter Casing, Reperforate, Vent or Flare, Water Shut-Off

Date of work completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Water for construction and drilling of this well will be provided by Application for Temporary Change of Water #t27140 evidenced by Water Right #91-777 that was approved on October 9, 2002 and expires December 31, 2002.

This approved application allows for the withdrawal of water from the existing water well located in the NW/4 SE/4, Section 19, T14S, R8E, SLB&M.

Should this water source not be adequate, water will be purchased on a quantity basis from the municipal water supply though Price River Water Improvement District (a supplier of municipal water in Carbon County).

ORIGINAL

13.

Name & Signature:

Don Hamilton

Don Hamilton

Title: Agent for Klabzuba

Date: 10-15-02

(This space for state use only)

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OCT 17 2002

DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas well Other Re-entry

2. Name of Operator

Klabzuba Oil & Gas Inc.

3. Address and Telephone No.

Legacy Tower 700 Seventeenth Street, Suite 1300 Denver, CO 80202 (303) 299-9097

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1517' FSL & 1590' FEL NW/SE Section 19-T14S-R8E

5. Lease Designation and Serial No.

ML-46539

6. If Indian, Allottee or Tribe Name

NA

7. If unit or CA, Agreement Designation

NA

8. Well Name and No.

Gordon Creek Unit #1

9. API Well No.

43-007-30044

10. Field and Pool, or Exploratory Area

Gordon Creek Area

11. County or Parish, State

Carbon, UT

12 CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

Abandonment

Change of Plans

Subsequent Report

Recompletion

New Construction

Final Abandonment Notice

Plugging Back

Non-Routine Fracturing

Casing repair

Water Shut-off

Altering Casing

Conversion to Injection

Other Misc. Information

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Upon re-entering the Gordon Creek Unit #1, Klabzuba plans to bond log the well from 9,000' to surface to evaluate the cement integrity. Klabzuba will also run a free point on the 9 5/8" casing if necessary, to better determine the cement top associated with this string. Klabzuba expects to have to cement the 9 5/8"-13 3/8" annulus to cover the Ferron interval located at approximately 3,700'. The cement will be circulated from 4,200' or free point, whichever is higher, to approximately 1,500' below surface if cement is not present covering the Ferron. Using an annular volume based on 4,200' and 25% excess, cement volume using class G neat cement would be approximately 1,500 sks with a slurry volume of approximately 300 bbls.

Klabzuba will also pull the well every 5 years to satisfy the UIC casing integrity requirement, if the Ferron re-entry completion is successful.

14. I hereby certify that the foregoing is true and correct

Signed George B. Rooney
George Rooney

Title Petroleum Engineer

Date 9/30/2002

(This space of Federal or State office use.)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

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OCT 17 2002

STATE OF UTAH
DEPARTMENT OF MINERAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

CONFIDENTIAL

029

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.	ML-46539
6. If Indian, Allottee or Tribe Name	NA
7. If unit or CA, Agreement Designation	NA
8. Well Name and No.	Gordon Creek Unit #1
9. API Well No.	43-007-30044
10. Field and Pool, or Exploratory Area	Gordon Creek
11. County or Parish, State	Carbon, UT

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas well <input type="checkbox"/> Other
2. Name of Operator KLABZUBA OIL & Gas INC.
3. Address and Telephone No. 700 Seventeenth Street, Suite 1300 Denver, CO 80202 (303) 299-9097
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NW/SE 1517' FSL & 1590' FEL Section 19-T14S-R8E

12 CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing repair	<input type="checkbox"/> Water Shut-off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>1st Production</u>	<input type="checkbox"/> Dispose Water
		<small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Note: The above referenced well went on 1st production December 10th, 2002

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DEC 31 2002
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed George B. Rooney Title Project Engineer Date 12.22.02
George Rooney

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

027

ENTITY ACTION FORM

Operator: Klabzuba Oil & Gas Inc. Operator Account Number: N 1325
 Address: 4100 1st Street West
city Havre
state MT zip 59501 Phone Number: (406) 262-9900

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300730874	Gordon Creek State 1-19-14-8		sene	19	14S	8E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	13646	10/20/2002		10-31-02		
Comments: CONFIDENTIAL							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300730044	Gordon Creek Unit #1		nwse	19	14S	8E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	13707	10/8/2002		1-21-03		
Comments: Spud Date: 01/11/79 Re-Entry Date: 10/08/02							

CONFIDENTIAL

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300730807	Gordon Creek State 19-14-8 (B)		nsw	19	14S	8E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	13708	10/14/2002		1-21-03		
Comments: CONFIDENTIAL							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

George Rooney

Name (Please Print)

Signature

Project Engineer

Title

1/21/2003

Date

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JAN 21 2003

028

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK: OIL WELL [], GAS WELL [X], DRY [] Other []
1b. TYPE OF WELL: NEW WELL [], W OR [], DEEPEN [], PLUG BACK [], DIFF RESVR. [X] Other []

CONFIDENTIAL

5. LEASE DESIGNATION AND SERIAL NO. ML-46539
6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA
7. UNIT AGREEMENT NAME NA
8. FARM OR LEASE NAME, WELL NO. Gordon Creek Unit

2. NAME OF OPERATOR: Klabzuba Oil & Gas Co.

3. ADDRESS AND TELEPHONE NO. 700 17th St. Suite 1300 Denver, CO 80202

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9. WELL NO. #1
10. FIELD AND POOL OR WILDCAT NA

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.*)
At Surface: 1517' FSL & 1590' FEL (NW/SE) Sec. 19, Twp. 14S, Rng. 8E
At top prod. interval reported below: Same

JAN 03 2003

DIV. OF OIL, GAS & MINING

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: NW/SE Sec. 19, Twp. 14S, Rng. 8E
12. COUNTY OR PARISH: Carbon
13. STATE: UT

14. API NO. 43-007-30044
DATE ISSUED: NA

15. DATE SPUDDED: 01/11/79
16. DATE T.D. REACHED: 08/02/79
17. DATE COMPL. (Ready to prod.): 11/16/02
18. ELEVATIONS (DF, RKB, RT, GR, ETC.): 7472' GR
19. ELEV. CASINGHEAD: 7494' KB

20. TOTAL DEPTH, MD & TVD: 11,781' KB
21. PLUG BACK T.D., MD & TVD: 8660' KB
22. IF MULTIPLE COMPL., HOW MANY*: 2
23. INTERVALS DRILLED BY: ROTARY TOOLS X, CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*: Ferron C SS 3262' - 3290'
25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: Open Hole NEC//IL/DN/GR & CBL
27. WAS WELL CORED: No

23. CASING RECORD (Report all strings set in well)
Table with columns: CASING SIZE/GRADE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, TOP OF CEMENT, CEMENTING RECORD, AMOUNT PULLED

29. LINER RECORD
Table with columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT*, SCREEN (MD)
30. TUBING RECORD
Table with columns: SIZE, DEPTH SET (MD), PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)
Table with columns: INTERVAL, SIZE, SPF/#shots, DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION
DATE FIRST PRODUCTION: 12/10/02
PRODUCTION METHOD: Flowing
WELL STATUS: Producing as of 12/10/02
DATE OF TEST, HOURS TESTED, CHOKE SIZE, PROD'N FOR TEST PERIOD, OIL--BBL., GAS--MCF, WATER--BBL., GAS-OIL RATIO

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Sold
TEST WITNESSED BY

35. LIST OF ATTACHMENTS: None - Logs already on file from Oxy in 1979.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED: [Signature] TITLE: Petroleum Engineer DATE: 12/26/2002

*(See Instructions and Spaces for Additional Data on Reverse Side)

CONFIDENTIAL

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Gorden Creek Unit #1	Emery SS Member (Mancos)	@ surface	
				Mancos Blue Gate Marker	3116'	
				Ferron C	3250'	
				Ferron B	3341'	
				Ferron A	3456'	
				Lower Marine	3542'	
				Lower Mancos	3650'	
				Dakota	4025'	
				Cedar Mtn.	4120'	
				Carmel	7650'	
				Navajo	8402'	
				Kayenta	8750'	
				Sinbad	10,460'	
				Kiabab	10,889'	
				Coconis	11,137'	

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JAN 03 2003

DIV. OF OIL, GAS & MINING

KLABZUBA OIL & GAS, INC.

Legacy Tower, Suite 1300
700 Seventeenth Street
Denver, Colorado 80202-3512
Phone: 303-299-9097 Fax: 303-299-9087

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JAN 03 2003

DIV. OF OIL, GAS & MINING

December 26, 2002

Division of Oil, Gas, and Mining
P.O. Box 145801
Salt Lake City, UT 84114-4820
Attn: Brad Hill

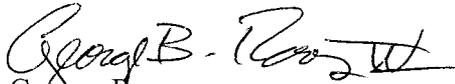
Dear Brad,

Enclosed are completion reports for the new wells in Gordon Creek operated by Klabzuba Oil & Gas Inc. I have provided the information on a Federal Completion Report, as the State form (a pdf file) does not accommodate providing the information requested. Hopefully this is OK.

Klabzuba requests the information associated with these wells be held tight hole for 1 year, as provided by State statutes. I will forward copies of the logs in a few weeks, after we get them in the office.

Please call me at (303) 299-9097 ext. 111 if you have any questions.

Sincerely,


George Rooney

Principal Office

Lexington Place
930 West First Street
Fort Worth, Texas 76102
Phone 817-336-5757 FAX 817-336-5927

Havre Office

48 Second Avenue
P.O. Box 40
Havre, Montana 59501
Phone 406-262-9912 FAX 406-262-9400

Arkoma Basin Office

5908 Jenny Lind Road
Fort Smith, Arkansas 72908-7497
Phone 501-649-0300 FAX 501-649-0500

**KLABZUBA OIL & GAS CO.
DAILY WORKOVER/COMPLETION REPORT**

Date: 10/22/02	Well: Gordon Creek # 1 (Re-Entry)	AFE # 430018	AFE \$ 299,548
Days: 15	TD 11781	Present Drillout Retainer & Squeeze Cement	Daily Cost: \$35,928
Comp/Drilling	PBTD 8660	Operation	Total Cost: \$204,490
15	Supervisor: Chuck Emerson	Phone: 435-820-0651	Rig: DUCO Rig 3

FLOW/PUMP TEST

GENERAL DATA

Hours	Tubing	Casing	Choke	Oil	Gas	Water	TUBULARS	PUMPING EQUIPMENT
Prod.	:	Press.	64th	Bbl	MCF	Bbl	Surf 13 3/8" @ 4349'	Unit
							Prod 9 5/8" @ 10200'	Plunger
							Liner @	Stroke
							Tubing @	SPM
							Nipple @	Rods
							Zone/Perfs Squeeze 4200'	
Line Pressure: Testing Co.							Zone/Perfs	
Meter Run Data	OD"	Orifice	Static	Diff	Temp	Coef		

LOAD RECOVERIES

	Today	Total	%
BLWR			
BLOR			
BNW			
BNO			
Init BLWTBR			
Init BLOTBR			
BLWTBR			
BLOTBR			

PACKER / PLUG DETAIL

	Make/Model	Set @	M# Tens/Comp	Initial FL	
Pkr #1				Ending FL	
#2				Recovery, Bbls	
Plug #1	Cement Retainer	4100'		Hrs. Swabbed	
#2				Final Entry Rate	
#3					
Nipple					
Nipple					
Nipple					

SWAB REPORT

DESCRIPTION OF DAILY ACTIVITIES

Time	Start	End	Hrs.	Time 7:00	AM/PM	SITP 0	SICP 30	Hrs SI 11.5
	7:00	11:00	4:00	Check SICP: 30psi. Bled Off Instantly. RU OWP. RIH w/ 4" Casing Gun. Perforate Squeeze Holes At 4200'. Corrolate To CBL Dated 10-20-02. Perf 4 - Holes, 1 jspf, 90 Deg Phasing. POOH Pump 50 bbl H2O Down Casing @ 5 bpm - 750psi w/ Full Returns From 9 5/8" x 13 3/8" Annulus. RIH & Wireline Set Weatherford Cement Retainer @ 4100'. RD OWP.				
	11:00	12:00	1:00	TIH w/ Stinger On 2 7/8" Tubing, Space Out & Sting Into Retainer @ 4100'. Test Annulus To 500psi.				
	12:00	16:00	4:00	RU HOWCO. Held Safety Meeting. Pressure Test Lines To 3000psi. Pump 20bbl MudFlush + 10 bbl Fresh H2O Spacer + 20 bbl Mud Flush + 250bbl Fresh H2O. SD f/ 10 min w/ MudFlush Through Perfs Displace MudFlush To Surface @ 7bpm - 1000psi Until Cleaned Up. Cement w/ 1000 sks Class 'G' Cement w/ 2% CaCl @ 15.8ppg w/ 1.15 Yield. Displace To Retainer w/ 23 bbl Fresh H2O. SI 13 3/8" Annulus. Attempt Squeeze w 3bbl @ 0.5bpm. Pressure Increased From 950psi To 1000psi. SD. ISDP: 650psi. Sting Out & Reverse Out w/ 50bbl Fresh H2O. Slight Cement Color w/ 25bbl Away CIP @ 1600 hrs 10-21-02. RD HOWCO				
	16:00	18:00	2:00	TOOH w/ Stinger. Pressure Casing To 500psi. Drain Up Pump & Lines. SISDFN.				
				RECEIVED				
				13 3/8" x 9 5/8" csg squeeze cement job.				
				MAR 24 2003				
				DIV. OF OIL, GAS & MINING				

Spud Date: 01/11/79
 Put on Production: 12/10/02
 P&A'd: 08/12/79 &
 Re-entered on 10/08/02
 GL: 7472' KB: 7494'

Gordon Creek Unit #1

Initial Production: 750 MCFPD

Wellbore Diagram
 12/26/02
 GBR IV

Well Completion & DTS Information

02/21/79	DST #1	(3270-91')	Misrun
	DST #1A	(3270-91')	52 to 113 MCFPD @ 25 psig
02/27/79	DST #2	(4074'-4015')	Misrun
	DST #2A	(4074'-4015')	Misrun
03/03/79	DST #3	(4050'-4100')	3633' of Drlg mud no gas
05/10/79	DST #4	(8550-8703')	2000 MCFPD CO2
05/14/79	DST #5	(8448'-8703')	Misrun
06/26/79	DST #6	(10,200-438')	Weak blow, trace CO2, 384' mud
07/01/79	DST #7	(10,420-584')	Weak blow, no CO2
07/17/79	DST #8	(11,176-381')	Weak blow, 50' mud
07/25/79	DST #9	(11,543-680')	1,666 MCFPD CO2, 15 PPM H2S
07/29/79	DST #10	(11,688-781')	Misrun
08/01/79	DST #11	(11,647-781')	Rec. 5540' fluid: 376' mud, 1768' gas cut mud, & 3378' gas cut mud w/ sulphur odor
08/08/79	Perforate Navajo:	8687-92'	
	DST #12	(8687-92')	CO2: 586 to 766 MCFPD

10/18/02 Drill Plug #4 to 8660' KB
 11/01/02 Ferron C Test: 800 MCFD @ 550 psi 1,500 MCFPD @ 200 psi

CONDUCTOR CASING

CSG SIZE: 20"
 GRADE: NA
 WEIGHT: NA
 LENGTH: NA
 DEPTH LANDED: 102'
 HOLE SIZE: NA
 CEMENT DATA: Cement to surface

SURFACE CASING

CSG SIZE: 13 3/8"
 GRADE: N-80 & K-55
 WEIGHT: 72# & 68#
 LENGTH: NA
 DEPTH LANDED: 4349'
 HOLE SIZE: 17 1/2"
 CEMENT DATA: 1st Stage: 1380 sks Hall. Light & 300 sks Class H
 2nd Stage: 1189 sks Hall. Light & 200 sks Class H
 Returns to surface

72# N-80 Buttress	surf to 113'	(113')
68# K-55 Buttress	113' to 1992'	(1879')
Stage collar	1992' to 1995'	(3')
68# K-55 Buttress	1995' to 2469'	(474')
72# N-80 Buttress	2469' to 4349'	(1880')

PRODUCTION CASING

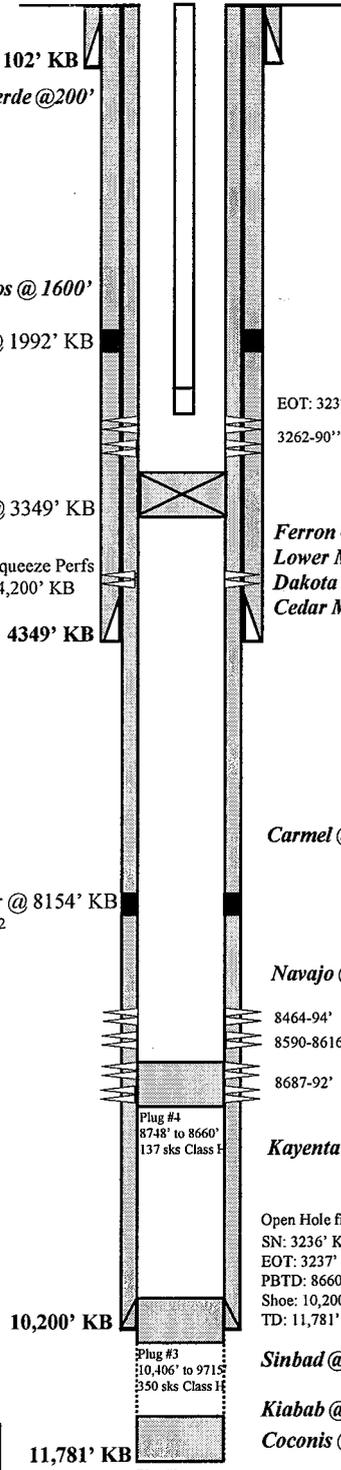
CSG SIZE: 9 5/8"
 GRADE: N-80 & S-95
 WEIGHT: 47#
 LENGTH: NA
 DEPTH LANDED: 10,200'
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 1st Stage: 1347 sks Class H 2nd Stage: 1072 sks Class H
 CEMENT TOP AT: 4,340' KB per CBL 10/20/2002
 CEMENT TOP AT: 1,540' After cmt squeeze (10/22/02) per CBL on 10/26/02

Landing Joint	47# N-80 LT&C at surface	
47# N-80 Buttress	13' to 7002'	(6989')
47# S-95 Buttress	7002' to 8154'	(1152')
Stage collar	8154' to 8157'	(3')
47# S-95 Buttress	8157' to 10,200'	(2043')

TUBING

SIZE/GRADE/WT.: 2 3/8" 4.7# J-55
 NO. OF JOINTS: 99
 SN: 3236'
 PACKER: None
 EOT @ 3237'

LOGS: NEC/IL/DN/GR & CBL



*Note: No Plug #1

PERFORATION RECORD

08/08/79	8687'-8692'	4 JSPF 22 gm chg	32 holes
10/26/02	Perforate Navajo:	8464-94' & 8590-8616'	4 spf .43 hole
10/30/02	Perforate Ferron C:	3262-90'	4 spf .43 hole
Ferron C			
11/15/02	3164-3206'	Acidize as follows: 1500 gals 15% HCL 6 BPM. Press: 360-560 psig. ISIP 180 psig 800 MCFPD & 0 BWP/HR	

Klabzuba Oil & Gas Co.

GORDON CREEK UNIT #1

1517' FSL & 1590' FEL
 NW/SE Section 19-T14S-R8E
 Carbon Co, Utah
 API #43-007-30044
 State of Utah Lease # - ML-46539

RECEIVED

MAR 24 2003

DIV. OF OIL, GAS & MINING

KLABZUBA OIL & GAS, INC.

700 Seventeenth Street, Suite 1300
Denver, Colorado 80202-3512
Phone: 303-299-9097 Fax: 303-299-9087

March 17, 2003

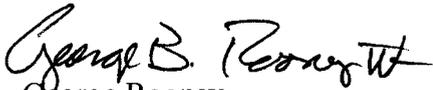
Division of Oil, Gas, and Mining
P.O. Box 145801
Salt Lake City, UT 84114-4820
Attn: Brad Hill
Re: Gordon Creek Unit #1 injection permit info

Dear Brad,

Enclosed are cement bond logs, an updated wellbore diagram, daily reports showing test data on the 9.625" casing, and the daily report on the squeeze cement job for the 13.375" x 9.625" annular squeeze. We did not have a chart for pressure test data as that will have to be confirmed upon completing the well as a disposal well. KOG was unable to get a good water sample during the process of drilling out cement plugs and perforating the Navajo. The well did not produce water naturally (during a swab test) after perforating, and after acid stimulation the well did not give up water after the load was recovered. The well actually had shows of CO₂.

Please call me at (303) 382-2177 to discuss how to proceed. KOG would like to dual complete the well as a disposal/producing well sometime this summer.

Sincerely,


George Rooney

RECEIVED

MAR 24 2003

DIV. OF OIL, GAS & MINING

Principal Office

Lexington Place
930 West First Street
Fort Worth, Texas 76102
Phone 817-336-5757 FAX 817-336-5927

Havre Office

P.O. Box 40
4100 1st Street West
Havre, Montana 59501
Phone 406-262-9900 FAX 406-262-9400

Arkoma Basin Office

5908 Jenny Lind Road
Fort Smith, Arkansas 72908-7497
Phone 479-649-0300 FAX 479-649-0500

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

IN THE MATTER OF THE	:	
APPLICATION OF KLABZUBA OIL &	:	NOTICE OF AGENCY ACTION
GAS INC. FOR ADMINISTRATIVE	:	
APPROVAL OF THE GORDON CREEK	:	CAUSE NO. UIC 288
UNIT #1 WELL LOCATED IN SEC. 19,	:	
T14S, R8E, CARBON COUNTY, UTAH,	:	
AS A CLASS II INJECTION WELL	:	

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

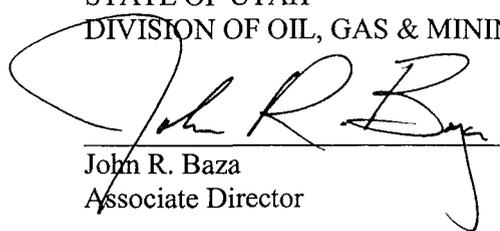
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Klabzuba Oil & Gas Inc. for administrative approval of the Gordon Creek Unit #1 well, located in NW/4 SE/4 Sec.19, T14S, R8E, Carbon County, Utah, for conversion to a Class II injection well. The adjudicative proceeding will be conducted informally according to Utah Admin.Rule R649-10, Administrative Procedures.

Selective zones in the Navajo Formation will be used for water injection. The maximum requested injection pressure and rate will be determined based on fracture gradient information submitted by Klabzuba Oil & Gas Inc.

Any person desiring to object to the proposed application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for this proceeding is John R. Baza, Associate Director at PO Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 10th day of April, 2003.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



John R. Baza
Associate Director

**Klabzuba Oil & Gas Inc.
Gordon Creek Unit #1
Cause No. UIC 288**

Publication Notices were sent to the following:

Klabzuba Oil & Gas Inc.
Box 40
Havre, MT 59501

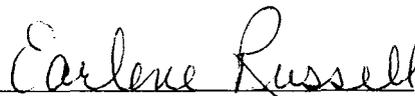
via E-Mail and Facsimile (435) 637-2716
Sun Advocate
845 East Main Street
Price, UT 84501-2708

via E-Mail and Facsimile (801) 237-2776
Salt Lake Tribune
PO Box 45838
Salt Lake City, UT 84145

Carbon County Planning
120 East Main Street
Price, UT 84501

School & Institutional Trust Lands
675 East 500 South, Suite 500
Salt Lake City, UT 84102-2818

Dan Jackson
US EPA Region VIII, Suite 5000
999 18th Street
Denver, CO 80202-2466



Earlene Russell
Executive Secretary
April 11, 2003

From: "NAC LEGAL" <naclegal@nacorp.com>
To: "Earlene Russell" <EARLENERUSSELL@utah.gov>
Date: 4/11/03 3:24PM
Subject: Re: UIC 288

Please check the ad in the paper on Thursday, April 17th.
Thank you.

----- Original Message -----

From: Earlene Russell
To: naclegal@nacorp.com
Sent: Friday, April 11, 2003 3:05 PM
Subject: UIC 288

Please notify me when this will be published.

TRANSACTION REPORT

P. 01

APR-11-2003 FRI 03:13 PM

FOR: OIL, GAS & MINING

801 359 3940

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
APR-11	03:12	PM 2372776	43"	2	SEND	OK	717	

TOTAL : 43S PAGES: 2



State of Utah
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
 PO Box 145801
 Salt Lake City, Utah 84114-5801
 (801) 538-5340 telephone
 (801) 359-3940 fax
 (801) 538-7223 TTY
 www.nr.utah.gov

Michael O. Lenvitt
 Governor
 Robert L. Morgan
 Executive Director
 Lowell P. Braxton
 Division Director

April 11, 2003

SENT VIA E-MAIL AND FAX (801) 237-2776

Salt Lake Tribune
 PO Box 45838
 Salt Lake City, UT 84145

RE: Notice of Agency Action - Cause No. UIC 288

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, Suite 1210, PO Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

[Handwritten signature]



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Robert L. Morgan
Executive Director
Lowell P. Braxton
Division Director

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Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
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April 11, 2003

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Salt Lake Tribune
PO Box 45838
Salt Lake City, UT 84145

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Sincerely,

Earlene Russell
Earlene Russell
Executive Secretary

encl.

TRANSACTION REPORT

P. 01

APR-11-2003 FRI 03:16 PM

FOR: OIL, GAS & MINING

801 359 3940

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
APR-11	03:15	PM 14356372716	48"	2	SEND	OK	718	
TOTAL :						48S	PAGES:	2



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

Michael O. Leavitt
Governor
Robert L. Morgan
Executive Director
Lowell P. Braxton
Division Director

April 11, 2003

SENT VIA E-MAIL AND FAX 435 637-2716

Sun Advocate
845 East Main Street
Price, UT 84501-2708

RE: Notice of Agency Action - Cause No. UIC 288

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, Suite 1210, PO Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

(Handwritten initials)



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Robert L. Morgan
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

April 11, 2003

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Sun Advocate
845 East Main Street
Price, UT 84501-2708

RE: Notice of Agency Action - Cause No. UIC 288

Gentlemen:

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Sincerely,

Earlene Russell
Earlene Russell
Executive Secretary

encl.

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT STATEMENT OF BASIS**

Applicant: Klabzuba Oil & Gas Inc. **Well:** Gordon Creek Unit #1
Location: Sec.19-T14S-R8E, Carbon Co., UT **API:** 43-007-30044

Ownership Issues:

The well is located on State of Utah surface and minerals. Lands within a half mile radius of the proposed injection well are owned by the State of Utah and the Milton B Oman Estate. An affidavit of notification of operators, owners and surface owners within a half-mile radius has been provided.

Well Integrity:

Description of the Casings and Cement:

CASING PROGRAM

<u>String Type</u>	<u>Hole Size</u>	<u>Depth</u>	<u>Feet</u>	<u>Casing Diameter</u>	<u>Weight</u>	<u>Grade</u>
Conductor		102'	80	20"		
Surface	17 1/2"	4349'	4349'	13 3/8"	72&68#	N-80&K-55
Production	12 1/4"	11781'	10200'	9 5/8"	47#	N-80&S-95

CEMENT PROGRAM

<u>String Type</u>	<u>DV Depth</u>	<u>Stage Lead/Tail</u>	<u>Number Sacks</u>	<u>Cement Type</u>
Conductor				
Surface	1992	2 nd Stage	1189 200	Hall. Light H
		1 st Stage	1380 300	Hall. Light H
Production	8154	2 nd Stage	1072	H
		1 st Stage	1347	H

A Cement Bond Log was originally run By Schlumberger on 6-20-79. This log did not Indicate a good bond over much of the hole. Klabzuba ran a new CBL on 10-20-02 also using Schlumberger. The cement top appears to be at approximately 4620'. However for a good portion of the hole the fluid wave appears as the dominant feature on the VDL track

and casing collars can be seen “ringing” throughout the entire log. There appears to be sufficient cement and bond above the proposed injection interval to contain injected water in the intended interval. On 10-21-02 and 10-22-02 a total of 5 perfs were shot through the casing at approximately 4200’. 1000 sacks of Class G cement was squeezed into these perfs. A CBL was run on 1-25-02 on the upper portion of the hole by Oil well Perforators. This CBL shows a good bond from 4200’-1540’.

The 9 5/8 “ production casing was perforated in the Navajo Sandstone in a gross interval from 8464’ to 8616’ feet and the well was swabbed for a formation fluid sample. No formation fluid was recovered either before or after acid stimulation. There was a show of CO2 from the proposed injection interval.

Ground Water Protection:

High quality ground water may be encountered in the surface alluvium and near surface Cretaceous sandstones at this location. A search of Division of water Rights records indicates no underground water wells within a 10,000’ radius of the center of Section 19. The conductor, surface and production casings have all been set and cemented in place and will adequately protect the shallow alluvial sediments. .

The Ferron Sandstone Member, including the associated coal seams, produces the water to be injected. The Ferron Sandstone is found at 3,250’ Total Depth, in the Gordon Creek Unit #1 well. Klabzuba intends to perforate the Ferron in this well and dual complete it as a producer-injector. Water from Klabzuba’s Gordon Creek State 19-14-8(B) well has a TDS range of 7,235-8,130 mg/L from 3 samples taken from separate Ferron zones.

The Navajo Sandstone in the Gordon Creek Unit #1 provided no water samples and a show of CO2. Other Navajo injection wells in this area have very poor water quality with some in excess of 100,000 mg/L. The Navajo Sandstone is a known fresh water aquifer at many locations in the state. In the San Rafael Swell area, the quality of Navajo Sandstone ground water is generally best near the outcrop and recharge areas, becoming poorer with increased depth and distance from recharge [Utah State Department of Natural Resources (DNR) Technical Publication # 78]. This premise has been supported by test results on samples taken from other disposal wells in the field. Injection of produced water from the Ferron Sandstone will result in the dilution of the more saline Navajo Sandstone formation waters.

The proposed operation is expected to have little effect on the overall hydrology of the aquifer because of its great extent in comparison with the volume of fluid that will likely be injected over time.

Klabzuba has requested a maximum injection pressure of 2,500 psig based on an estimated fracture gradient of 0.73. A step-rate has not been run on this well and should be run prior to a final permit being issued.

Several reports, which have been prepared by Tesseract Corporation and Stim-Lab, document that fracture propagation occurs in a downward direction in the proposed injection zones. This is largely controlled by several impermeable Carmel Formation anhydrite intervals overlying the Navajo Sandstone. These anhydrites make up a structurally plastic seal, which attenuates the upward propagation of fractures, forming the upper bounding beds of the injection zone.

After reviewing the application and documentation submitted by Klabzuba I find that the injection of Ferron Sandstone produced waters into the proposed zones at the Gordon Creek Unit #1 location is likely to result in insignificant dilution of more saline waters present in the target injection zone. After injection ceases, increased pressure about the wellbore will abate over time. It is therefore to be concluded that no long term negative surficial or ground water impacts are anticipated resultant of the proposed injection operation. Ferron Sandstone produced waters will be safely sequestered in deeply buried, extensive and geologically-sealed aquifers containing ground water which is already inferior to that being injected.

Oil/Gas & Other Mineral Resources Protection:

The well records of the Division of Oil, Gas and Mining document one shallower Ferron Sandstone coalbed methane production well within the half mile area of review of the proposed disposal well (in addition to the Ferron interval in the proposed injector). The injection zone is isolated over 4,300 feet below the productive interval of the Ferron Sandstone and good to excellent cement bond covers a sufficient length of hole to protect the shallower producing strata.

Bonding:

Klabzuba Oil & Gas, Incorporated has an \$80,000 surety bond in place with the State of Utah (B32644629), which ensures plugging of this well.

Actions Taken and Further Approvals Needed:

Notice of this application was published in the Salt Lake Tribune and the Sun Advocate (Price, UT). A step-rate test shall be run prior to final approval. The operator will need to provide proof of mechanical integrity before a permit will be issued. The Division staff recommends approval of this application contingent upon no additional or unforeseen information being presented which is relevant to this analysis or modifies the data presented herein.

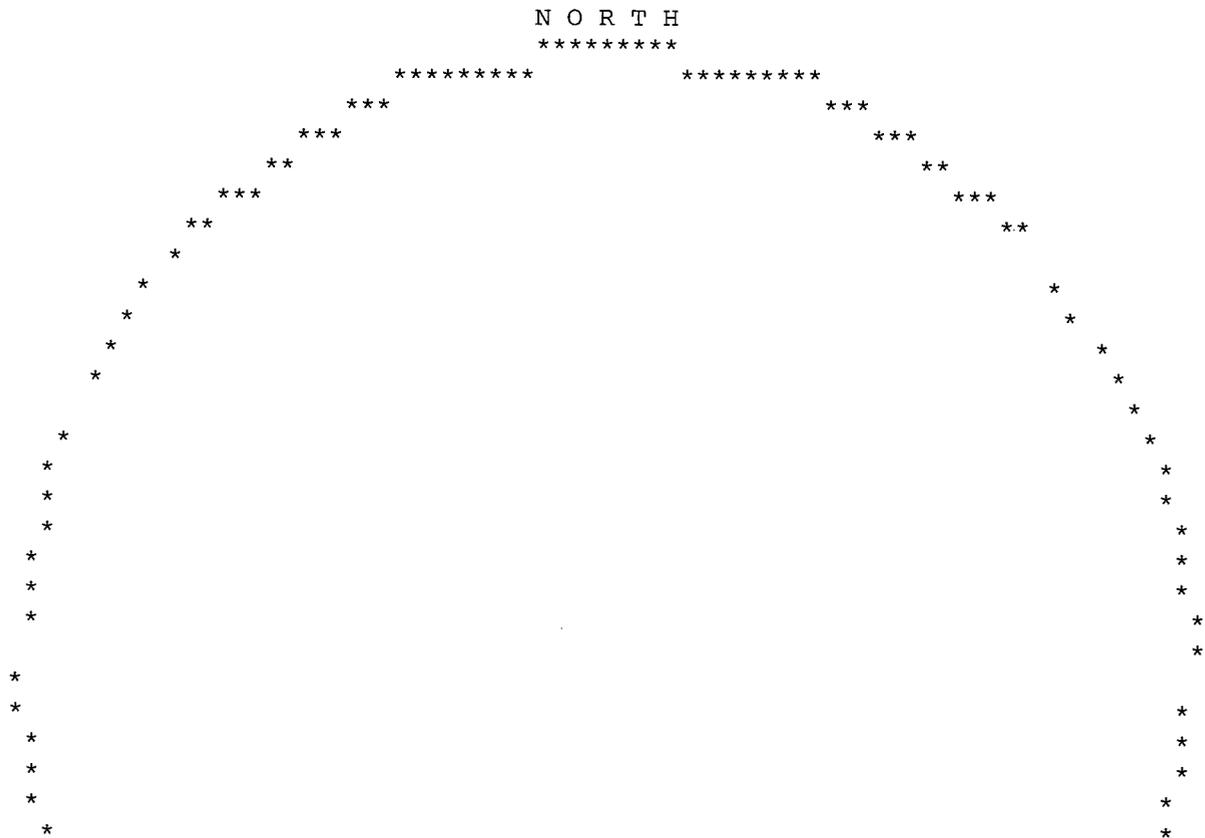
Reviewer(s): Brad Hill

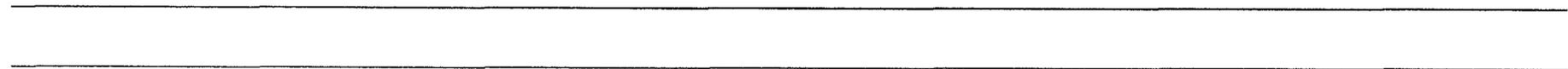
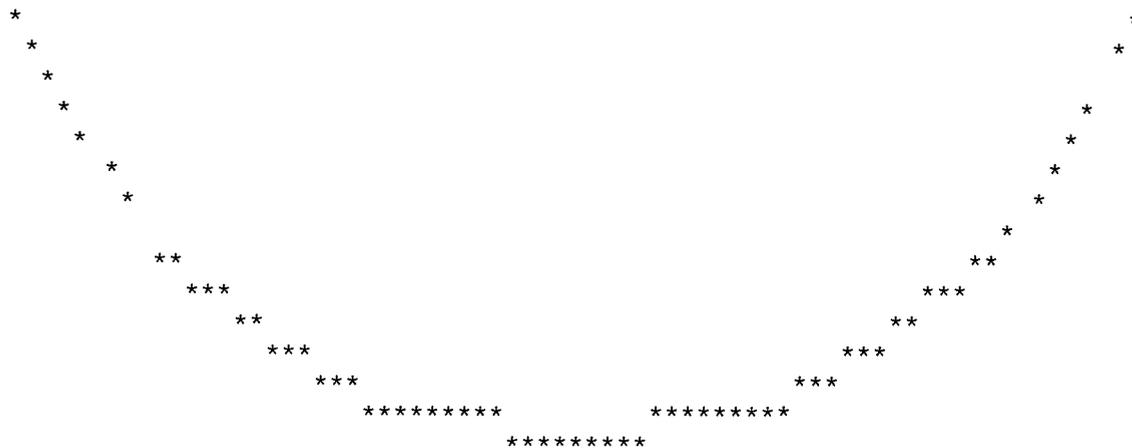
Date: April 17, 2003

UTAH DIVISION OF WATER RIGHTS
WATER RIGHT POINT OF DIVERSION PLOT CREATED THU, APR 17, 2003, 10:16 AM
PLOT SHOWS LOCATION OF 0 POINTS OF DIVERSION

PLOT OF AN AREA WITH A RADIUS OF 1000 FEET FROM A POINT
FEET, FEET OF THE NW CORNER,
SECTION 19 TOWNSHIP 14S RANGE 8E SL BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 400 FEET





143 SOUTH MAIN ST.
P.O. BOX 45838
SALT LAKE CITY, UTAH 84145
FED. TAX I.D.# 87-0217663

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DIV OF OIL-GAS & MINING 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	D5385340L-07	04/17/03

ACCOUNT NAME	
DIV OF OIL-GAS & MINING	
TELEPHONE	INVOICE NUMBER
801-538-5340	TL8201ZLGI
SCHEDULE	
START 04/17/03 END 04/17/03	
CUST. REF. NO.	
CAPTION	
BEFORE THE DIVISION OF OIL, GA	
SIZE	
53 LINES 2.00 COLUMN	
TIMES	RATE
1	1.25
MISC. CHARGES	AD CHARGES
.00	135.50
TOTAL COST	
135.50	

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

NOTICE OF AGENCY ACTION
CAUSE NO. UIC 288

IN THE MATTER OF THE APPLICATION OF KLABZUBA OIL & GAS INC. FOR ADMINISTRATIVE APPROVAL OF GORDON CREEK UNIT #1 WELL LOCATED IN SEC. 11, T14S, R8E, CARBON COUNTY, UTAH, AS A CLASS II INJECTION WELL

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, and Mining (the "Division") is commencing an adjudicative proceeding to consider the application of Klabzuba Oil & Gas Inc. for administrative approval of the Gordon Creek Unit #1 well, located in NW/4 Sec. 19, T14S, R8E, Carbon County, Utah, for conversion to a Class II injection well. The adjudicative proceeding will be conducted informally according to Admin. Rule R649-10, Administrative Procedures.

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Any person desiring to object to the proposed application or otherwise intervene in the proceeding, file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for this proceeding is John R. Baza, Associate Director at PO 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rule. Protestants and/or intervenors should be prepared to demonstrate at the hearing how the matter affects their interests.

Dated this 10th day of April, 2003.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

/s/ John R. Baza
Associate Director

8201ZLGI

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT ADVERTISEMENT OF BEFORE THE DIVISION OF OIL, GA
DIV OF OIL-GAS & MINING WAS PUBLISHED BY THE NEWS CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON START 04/17/03 END 04/17/03

SIGNATURE Sjanie Best

DATE 04/17/03

Notary Public
SJANIE BEST
324 West Big Mountain Drive
Taylorsville, Utah 84123
My Commission Expires
November 19, 2006
State of Utah

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION" RECEIVED
PLEASE PAY FROM BILLING STATEMENT.

APR 24 2003

DIV. OF OIL, GAS & MINING

2827/REC/6131/GE03/NUAD3016

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	D5385340L-07	04/17/03

ACCOUNT NAME	
DIV OF OIL-GAS & MINING	
TELEPHONE	INVOICE NUMBER
801-538-5340	TL8201ZLGH
SCHEDULE	
START 04/17/03 END 04/17/03	
CUST. REF. NO.	
CAPTION	
BEFORE THE DIVISION OF OIL, GA	
SIZE	
53 LINES 2.00 COLUMN	
TIMES	RATE
1	1.25
MISC. CHARGES	AD CHARGES
.00	135.50
TOTAL COST	
135.50	

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

NOTICE OF AGENCY ACTION
CAUSE NO. UKC 288

IN THE MATTER OF THE APPLICATION OF KLABZUBA OIL & GAS INC. FOR ADMINISTRATIVE APPROVAL OF THE GORDON CREEK UNIT #1 WELL LOCATED IN SEC. 19, T14S, R8E, CARBON COUNTY, UTAH, AS A CLASS II INJECTION WELL

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Klabzuba Oil & Gas Inc. for administrative approval of the Gordon Creek Unit #1 well, located in NW/4 SE/4 Sec.19, T14S, R8E, Carbon County, Utah, for conversion to a Class II injection well. The adjudicative proceeding will be conducted informally according to Utah Admin.Rule R649-10, Administrative Procedures.

Selective zones in the Navajo Formation will be used for water injection. The maximum requested injection pressure and rate will be determined based on fracture gradient information submitted by Klabzuba Oil & Gas Inc.

Any person desiring to object to the proposed application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for this proceeding is John R. Baza, Associate Director at PO Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 10th day of April, 2003.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ John R. Baza
Associate Director

8201ZLGI

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY ADVERTISEMENT OF BEFORE THE DIVISION OF OIL, GA
DIV OF OIL-GAS & MINING WAS PUBLISHED BY T CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET N PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION I IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON START 04/17/03 END 04/17/03

SIGNATURE Sjanie Best
DATE 04/17/03

Notary Public
SJANIE BEST
024 West Big Mountain Drive
Taylorsville, Utah 84123
My Commission Expires
November 19, 2006
State of Utah

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION" RECEIVED
PLEASE PAY FROM BILLING STATEMENT.

APR 24 2003

AFFIDAVIT OF PUBLICATION

STATE OF UTAH)

ss.

County of Carbon,)

I, Ken Larson, on oath, say that I am the Publisher of the Sun Advocate, a twice-weekly newspaper of general circulation, published at Price, State a true copy of which is hereto attached, was published in the full issue of such newspaper for 1 (One) consecutive issues, and that the first publication was on the 15th day of April, 2003, and that the last publication of such notice was in the issue of such newspaper dated the 15th day of April, 2003.

Ken G. Larson

Ken G Larson - Publisher

Subscribed and sworn to before me this 15th day of April 2003.

Linda Thayne

Notary Public My commission expires January 10, 2007 Residing at Price, Utah

Publication fee, \$ 105.04



**NOTICE OF AGENCY ACTION
CAUSE NO. UIC 288**

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

IN THE MATTER OF THE
APPLICATION OF KLABZUBA OIL &
GAS INC. FOR ADMINISTRATIVE
APPROVAL OF THE GORDON CREEK
UNIT #1 WELL LOCATED IN SEC. 19,
T14S, R8E, CARBON COUNTY, UTAH
AS A CLASS II INJECTION WELL

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Dated this 10th day of April, 2003.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
-s- John R. Baza
Associate Director

Published in the Sun Advocate April 15, 2003.



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340 telephone

(801) 359-3940 fax

(801) 538-7223 TTY

www.nr.utah.gov

Michael O. Leavitt
Governor

Robert L. Morgan
Executive Director

Lowell P. Braxton
Division Director

DIVISION OF OIL, GAS AND MINING FACSIMILE COVER SHEET

DATE: 06-11-03

FAX #: (303) 299-9087

ATTN: GEORGE ROONEY

COMPANY: KLABZUBA

DEPARTMENT: _____

NUMBER OF PAGES: (INCLUDING THIS ONE) 2

FROM: BRAD HILL (801)538-5315

If you do not receive all of the pages, or if they are illegible, please call (801)538-5340. We are sending from a Sharp facsimile machine. Our telecopier number is (801)359-3940.

MESSAGE: THIS DID GET SIGNED ON 5-27
BUT NEEDED A CORRECTION SO I HAD IT
DONE AGAIN YESTERDAY. IF YOU SEND ME INFORMATION
STATING THE WELL IS ON VACUUM WE CAN
SKIP THE S.R.T. A R.A.T SURVEY CAN REPLACE
THE REQUIRED PRESSURE TEST

Important: This message is intended for the use of the individual or entity of which it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return this original message to us at the above address via regular postal service. Thank you.



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

Michael O. Leavitt
Governor
Robert L. Morgan
Executive Director
Lowell P. Braxton
Division Director

May 27, 2003
* Amended June 10, 2003

Klabzuba Oil & Gas, Inc.
700 Seventeenth Street, Suite 1300
Denver, Colorado 80202

Re: Klabzuba Oil & Gas Inc., Gordon Creek Unit #1, Section 19, Township 14 South, Range 8 East, Carbon County, Utah

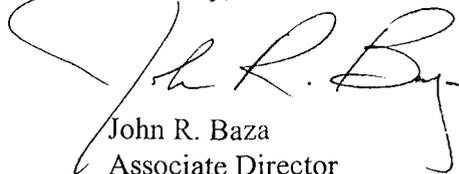
Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by *Klabzuba Oil & Gas, Inc.
3. A step-rate test shall be run in order to determine maximum allowable injection pressure prior to final approval.
4. A casing\tubing pressure test shall be conducted prior to commencing injection.

If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill at (801) 538-5315 or Dan Jarvis at (801) 538-5338.

Sincerely,



John R. Baza
Associate Director

er

cc: Dan Jackson, Environmental Protection Agency
SITLA, Salt Lake City



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
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Michael O. Leavitt
Governor

Robert L. Morgan
Executive Director

Lowell P. Braxton
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-288

Operator: Klabzuba Oil & Gas Inc.
Well: Gordon Creek Unit #1
Location: Section 19, Township 14 South, Range 8 East
County: Carbon
API No.: 43-007-30044
Well Type: Disposal

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on June 10, 2003.
2. Maximum Allowable Injection Pressure: 500 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Navajo Sandstone (8464' - 8616')
5. A Radioactive Tracer Survey is to be run every 5 years in order to demonstrate continuing mechanical integrity.
6. In the event that the well begins to pressure up, a step rate test shall be run to determine maximum injection pressure.

Approved by:



John R. Baza
Associate Director

7/8/2003
Date

ts

cc: Dan Jackson Environmental Protection Agency
Klabzuba Oil & Gas, Denver, CO
STILA, Salt Lake City

UIC INJECTION PERMIT ANALYSIS FORM
WELL NAME:

RG49-5-2. Requirements For Class II Injection Wells Including Water Disposal, Storage And Enhanced Recovery Wells.	Completed Items, Needed Items, & Comments
1. Injection wells shall be completed. Equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.	1.
2. The application for an injection well shall include a properly completed UIC Form 1 and the following:	2. OK
2.1. A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed well, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.	2.1. OK
2.2. Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper, and porosity.	2.2. OK
2.3. A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.	2.3.
2.4. Copies of logs already on file with the division should be referenced, but need not be refiled.	2.4 OK
2.5. A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.	2.5. OK
2.6. A statement as to the type of fluid to be used for injection. its source and estimated amounts to be injected daily.	2.6. OK
2.7. Standard laboratory analyses of (1) the fluid to be injected, (2) the fluid in the formation into which the fluid is being injected, and (3) the compatibility of the fluids.	2.7. PRODUCTION WATER ANALYSIS NO SAMPLE FROM NAUASO
2.8. The proposed average and maximum injection pressures.	2.8. 1500 AVE 2500 MAX
2.9. Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.	2.9. EST REAL GRADIENT .73
2.10. Appropriate geological data on the injection interval and confining beds, and nearby Underground Sources of Drinking Water, including the geologic name, lithologic description, thickness, depth, water quality, and lateral extent; also information relative to geologic structure near the proposed well which may effect the conveyance and/or storage of the injected fluids.	2.10.
2.11. A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter improper intervals.	2.11. OK ONLY SHALLOW WELLS
2.12. An affidavit certifying that a copy of the application has been provided to all operators, owners and surface owners within a one-half mile radius of the proposed injection well.	2.12. OK
2.13. Any other additional information that the board or division may determine is necessary to adequately review the application.	2.13.

OTHER COMMENTS AND OBSERVATIONS:

Reviewed by: _____ Date: _____

BRAD:

**GEORGE ROONEY
KLABZUBA OIL & GAS INC**

**GORDON CREEK STATE 1-18-14-8
WCR – WELL PLUGGED FOR RIG SKID
LOGS IF ANY RUN**

**GORDON CREEK ST 19-14-8
LOGS – OFF CONFIDENTIAL SINCE 11/17/02**

**GORDON CREEK ST 19-14-8 (B)
LOGS – OFF CONFIDENTIAL SINCE 01/11/03**

**GORDON CREEK ST 1A-18-14-8
GORDON CREEK STATE 1-19-14-8
GORDON CREEK STATE 4-18-14-8
LOGS FOR ALL 3 WELLS**

THANKS FOR TRYING TO HELP!!!

NOTICE

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
- Within 30 days after the completion or plugging of a well, the following shall be filed:
 - Form 8, Well Completion or Recompletion Report and Log
 - A copy of electric and radioactivity logs, if run
 - A copy of drillstem test reports,
 - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
 - A copy of core analyses, and lithologic logs or sample descriptions if compiled
 - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

As of the mailing of this notice, the division has not received the required reports for

Operator: KLABZUBA OIL & GAS INC

Today's Date: 10/14/2003

Well:	API Number:	Drilling Commenced:
LOGS ONLY NOT RECEIVED		
GORDON CREEK STATE 19-14-8	4300730724	
GORDON CREEK STATE 19-14-8 (B)	4300730807	
GORDON CREEK STATE 1A-18-14-8	4300730892	
GORDON CREEK STATE 1-19-14-8	4300730874	
GORDON CREEK STATE 4-18-14-8	4300730881	
GORDON CREEK UNIT 1	4300730044	
OPEN HOLE NEG/IL/DN/GR LOG ONLY		

To avoid compliance action, required reports should be mailed within 7 business days to:

Utah Division of Oil, Gas and Mining
 1594 West North Temple, Suite 1210
 P.O. Box 145801
 Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please call (801) 538-5284.

ROUTING	
1. DJJ	
2. CDW	

OPERATOR CHANGE WORKSHEET

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:		1/1/2006
FROM: (Old Operator): N1325-Klabzuba Oil & Gas, Inc. 700 17th St, Suite 1300 Denver, CO 80202-3512 Phone: 1-(303) 299-9097	TO: (New Operator): N2560-Fellows Energy Ltd. 8716 Arapahoe Road Boulder, CO 80303 Phone: 1-(303) 926-4415	

CA No. _____ **Unit:** _____

WELL(S)									
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
GORDON CREEK ST 3-5-14-8	05	140S	080E	4300730932		State	GW	APD	C
GORDON CREEK ST 1-7-14-8	07	140S	080E	4300730902		State	GW	APD	C
GORDON CREEK ST 3-7-14-8	07	140S	080E	4300730903		State	GW	APD	C
GORDON CREEK ST 4-7-14-8	07	140S	080E	4300730904		State	GW	APD	C
GORDON CREEK ST 4-18-14-8	18	140S	080E	4300730881	13665	State	GW	S	
GORDON CREEK ST 1A-18-14-8	18	140S	080E	4300730892	13709	State	GW	P	
GORDON CREEK U 1	19	140S	080E	4300730044	13707	State	GW	P	
GORDON CREEK ST 19-14-8	19	140S	080E	4300730724	13251	State	GW	P	
GORDON CREEK ST 19-14-8 (B)	19	140S	080E	4300730807	13708	State	GW	S	
GORDON CREEK ST 1-19-14-8	19	140S	080E	4300730874	13646	State	GW	P	
GORDON CREEK ST 2-20-14-8	20	140S	080E	4300730883	13694	State	GW	TA	
GORDON CREEK ST 3-20-14-8	20	140S	080E	4300730905		State	GW	APD	C
BURNSIDE 29-14-8	29	140S	080E	4300730725	13250	Fee	GW	S	
GORDON CREEK ST 2-29-14-8	29	140S	080E	4300730906		State	GW	APD	C
GORDON CREEK ST 1-30-14-8	30	140S	080E	4300730875		State	GW	APD	C

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 3/28/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 3/28/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 5/25/2005
4. Is the new operator registered in the State of Utah: YES Business Number: 5589189-0143
5. If **NO**, the operator was contacted on: _____
- 6a. (R649-9-2)Waste Management Plan has been received on: Requested 3/29/2006
- 6b. Inspections of LA PA state/fee well sites complete on: n/a

15-K

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: SEE ATTACHMENT
2. NAME OF OPERATOR: KLABZUBA OIL & GAS, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 700 17th St., Suite 1300 CITY Denver STATE CO ZIP 80202-3512		7. UNIT or CA AGREEMENT NAME: N/A
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHMENT		8. WELL NAME and NUMBER: SEE ATTACHMENT
COUNTY: CARBON		9. API NUMBER:
QTR/CTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: GORDON CREEK
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Change of Operator from Klabzuba Oil & Gas, Inc. to Fellows Energy, Limited, effective January 1, 2006:

From: <u>N1325</u> Klabzuba Oil & Gas, Inc. 700 17th Street, Suite 1300 Denver, Colorado 80202-3512 (303) 299-9097 <u>Stephen K. Frazier</u> Stephen K. Frazier, Vice President Date: <u>3-13-06</u>	To: <u>N2560</u> Fellows Energy, Limited 8716 Arapahoe Road Boulder, Colorado 80303 (303) 926-4415 <u>Steven L. Prince</u> Steven L. Prince, Vice President Operations Date: <u>3-13-06</u>
---	--

NAME (PLEASE PRINT) _____ TITLE _____

SIGNATURE _____ DATE _____

(This space for State use only)

APPROVED 3/29/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED
MAR 28 2006
DIV. OF OIL, GAS AND MINING

EXHIBIT "A"
SUNDRY NOTICES AND REPORTS ON WELLS

CHANGE OF OPERATOR FROM KLABZUBA OIL & GAS, INC. TO FELLOWS ENERGY, LIMITED, EFFECTIVE JANUARY 1, 2006

API #	Well Name	Description	Lease Serial Number
43-007-30044	Gordon Creek Unit #1	NW/4SE/4 of Section 19, T14S-R8E, SLB&M	ML-46539
43-007-30724	Gordon Creek State 19-14-8	SE/4NW/4 of Section 19, T14S-R8E, SLB&M	ML-27908
43-007-30725	Burnside 29-14-8	NW/4NE/4 of Section 29, T14S-R8E, SLB&M	
43-007-30807	Gordon Creek State 19-14-8(B)	NW/4SW/4 of Section 19, T14S-R8E, SLB&M	ML-27908
43-007-30874	Gordon Creek State 1-19-14-8	SE/4NE/4 of Section 19, T14S-R8E, SLB&M	ML-46539
43-007-30881	Gordon Creek State 4-18-14-8	SE/4SE/4 of Section 18, T14S-R8E, SLB&M	ML-46537
43-007-30883	Gordon Creek State 2-20-14-8	NW/4NW/4 of Section 20, T14S-R8E, SLB&M	ML-46539
43-007-30892	Gordon Creek State 1A-18-14-8	SE/4NE/4 of Section 18, T14S-R8E, SLB&M	ML-46537
43-007-30875	Gordon Creek State 1-30-14-8	NE/4NE/4 of Section 30, T14S-R8E, SLB&M	ML-46539
43-007-30902	Gordon Creek State 1-7-14-8	SE/4NE/4 of Section 7, T14S-R8E, SLB&M	ML-46537
43-007-30903	Gordon Creek State 3-7-14-8	SE/4SW/4 of Section 7, T14S-R8E, SLB&M	ML-46537
43-007-30904	Gordon Creek State 4-7-14-8	NE/4SE/4 of Section 7, T14S-R8E, SLB&M	ML-46537
43-007-30905	Gordon Creek State 3-20-14-8	SW/4SW/4 of Section 20, T14S-R8E, SLB&M	ML-46539
43-007-30906	Gordon Creek State 2-29-14-8	NW/4NW/4 of Section 29, T14S-R8E, SLB&M	ML-46539
43-007-30932	Gordon Creek State 3-5-14-8	SE/4SW/4 of Section 5, T14S-R8E, SLB&M	ML-46537

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ
2. CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

6/1/2007

FROM: (Old Operator): N2560-Fellows Energy, LTD 8716 Arapahoe Rd Boulder, CO 80303 Phone: 1 (303) 327-1515	TO: (New Operator): N3245-Gordon Creek, LLC 807 N Pinewood Cir Price, UT 84501 Phone: 1 (435) 650-4492
---	--

CA No.		Unit:						
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/27/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/27/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 10/30/2007
- a. Is the new operator registered in the State of Utah: _____ Business Number: 6208039-0160
- b. If **NO**, the operator was contacted on: _____
- a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: 6/15/2007
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: _____
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: _____
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 10/15/2007

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 10/15/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 10/15/2007
- Bond information entered in RBDMS on: 10/15/2007
- Fee/State wells attached to bond in RBDMS on: 10/15/2007
- Injection Projects to new operator in RBDMS on: 10/15/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: 9/27/2007

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: _____
- Indian well(s) covered by Bond Number: _____
- a. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0010790
- b. The **FORMER** operator has requested a release of liability from their bond on: not yet
The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 10/16/2007

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attachment A
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: N/A
2. NAME OF OPERATOR: Gordon Creek, LLC		8. WELL NAME and NUMBER: See Attached
3. ADDRESS OF OPERATOR: 807 North Pinewood Circle CITY Price STATE UT ZIP 84501		9. API NUMBER: See Att. A
PHONE NUMBER: (435) 650-4492		10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE: _____ COUNTY: _____

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: **UTAH**

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Change of Operator from Fellows Energy, Ltd. to Gordon Creek, LLC effective June 1, 2007:

Bond # for Gordon Creek, LLC is RLB 0010790

From: Fellows Energy, Ltd. **N2560**
Steven L. Prince
Steven L. Prince, Vice President and Director
Date: 3 AUGUST 2007

To: Gordon Creek, LLC **N 3245**
By Thunderbird Energy Inc., its Managing Member
Cameron White
Cameron White, President
Date: AUGUST 3, 2007

NAME (PLEASE PRINT) _____ TITLE _____

SIGNATURE _____ DATE _____

(This space for State use only)

APPROVED 10115107
Earlene Russell
Division of Oil, Gas and Mining (See Instructions on Reverse Side)
Earlene Russell, Engineering Technician

RECEIVED
SEP 27 2007
DIV. OF OIL, GAS & MINING

(5/2000)

Fellows Energy, LLC (N2560) to Gordon Creek, LLC (N3245)

well_name	sec	tpw	rng	api	entity	lease	well	stat	flag	unit	qtr_qtr	l_num	op no	zone
GORDON CREEK U 1	19	140S	080E	4300730044	13707	State	GW	P			NWSE	ML-46539	N2560	FRSD
GORDON CREEK ST 19-14-8	19	140S	080E	4300730724	13251	State	GW	P			SENE	ML-27908	N2560	FRSD
BURNSIDE 29-14-8	29	140S	080E	4300730725	13250	Fee	GW	S			NWNE	FEE	N2560	FRSD
GORDON CREEK ST 19-14-8 (B)	19	140S	080E	4300730807	13708	State	GW	S			NESW	ML-27908	N2560	FRSD
GORDON CREEK ST 1-19-14-8	19	140S	080E	4300730874	13646	State	GW	P			SENE	ML-46539	N2560	FRSD
GORDON CREEK ST 4-18-14-8	18	140S	080E	4300730881	13665	State	GW	S			SESE	ML-46537	N2560	FRSD
GORDON CREEK ST 2-20-14-8	20	140S	080E	4300730883	13694	State	GW	S			NWNW	ML-46539	N2560	FRSD
GORDON CREEK ST 1A-18-14-8	18	140S	080E	4300730892	13709	State	GW	P			SENE	ML-46537	N2560	FRSD
GORDON CREEK ST 4-7-14-8	07	140S	080E	4300731230		State	GW	APD	TRUE		NESE	ML-46537	N2560	
GORDON CREEK ST 1-7-14-8	07	140S	080E	4300731231		State	GW	APD	TRUE		SENE	ML-46537	N2560	
GORDON CREEK ST 3-7-14-8	07	140S	080E	4300731232		State	GW	APD	TRUE		SESW	ML-46537	N2560	
GORDON CREEK ST 3-20-14-8	20	140S	080E	4300731233		State	GW	APD			SWSW	ML-46539	N2560	
GORDON CREEK ST 2-29-14-8	29	140S	080E	4300731234		State	GW	APD	TRUE		NWNW	ML-46539	N2560	
GORDON CREEK ST 1-30-14-8	30	140S	080E	4300731235		State	GW	APD	TRUE		NENE	ML-46539	N2560	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number Gordon Creek U 1	API Number 4300730044
Location of Well Footage : 1,517 feet FSL and 1,590 feet FEL County : Carbon	Field or Unit Name Gordon Creek
QQ, Section, Township, Range: NWSE 19 T14 R8E State : UTAH	Lease Designation and Number ML-27507

EFFECTIVE DATE OF TRANSFER: 6/1/2007

CURRENT OPERATOR

Company: <u>Fellows Energy Ltd.</u>	Name: <u>Steven L. Prince</u>
Address: <u>1942 Broadway, Suite 320</u>	Signature: <u><i>Steven L. Prince</i></u>
<u>city Boulder state CO zip 80302</u>	Title: <u>Vice President and Director</u>
Phone: _____	Date: <u>8/3/2007</u>
Comments: _____	

NEW OPERATOR

Company: <u>Gordon Creek, LLC</u>	Name: <u>By: Thunderbird Energy, Inc, Member</u>
Address: <u>807 North Pinewood Circle</u>	Signature: <u><i>[Signature]</i></u>
<u>city Price state UT zip 84501</u>	Title: <u>President</u>
Phone: <u>(435) 650-4492</u>	Date: <u>AUGUST 3, 2007</u>
Comments: _____	

(This space for State use only)

Transfer approved by: *[Signature]*
Title: *UIC Geologist*

Approval Date: 10/15/07

Comments:

RECEIVED
SEP 27 2007

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-46539
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: GORDON CREEK U 1
2. NAME OF OPERATOR: GORDON CREEK, LLC	9. API NUMBER: 43007300440000
3. ADDRESS OF OPERATOR: 1179 E Main #345 , Price, UT, 84501	PHONE NUMBER: 403 453-1608 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1517 FSL 1590 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 19 Township: 14.0S Range: 08.0E Meridian: S	9. FIELD and POOL or WILDCAT: GORDON CREEK COUNTY: CARBON STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/26/2011	<input checked="" type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input checked="" type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input checked="" type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 50px;" type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Wish to ammend existing water Underground Injection Permit #UIC-288 and requesting permission to inject into ENTIRE Navajo zone. Program: MO workover rig, kill well, install BOPs, pull 2.375" prod. tbg & 2.375" NAVAJO injection tubing, add perfs to NAVAJO (8,622' - 8,648', 8,537' - 8,571' and 8,500' - 8,525'), run NEW 4.500" Internally Coated injection tubing below and above existing seal bore packer (with new seal assy + slickline plug in place), re-run 2.375" FERRON prod. tubing (with slickline plug in place), remove BOP & inst. wellhead, press. test both tubing strings, pull slickline plugs, acidize NAVAJO perfs (acid program TBD), run pump & rods into FERRON prod. tubing, install pumpjack & driver, pump RA tracer down injection string, run RA log thru inj. tubing to prove packer isolation, release all equ., put well on back on prodn. as FERRON gas producer / NAVAJO water injector.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: 09/13/2011
By:

NAME (PLEASE PRINT) Barry Brumwell	PHONE NUMBER 403 453-1608	TITLE Vice President-Operations
SIGNATURE N/A	DATE 8/5/2011	

Please Review Attached Conditions of Approval

RECEIVED Aug. 05, 2011



The Utah Division of Oil, Gas, and Mining

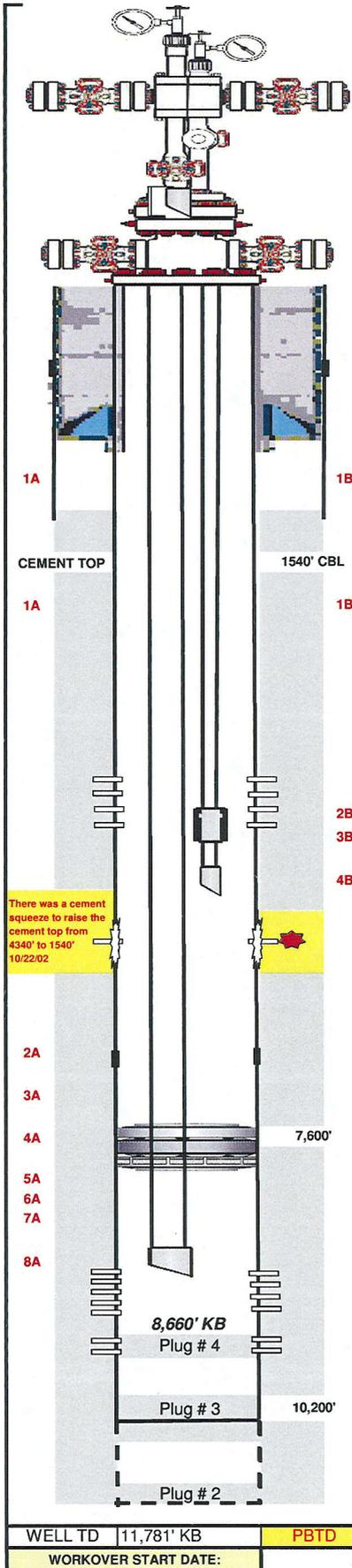
- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

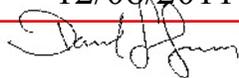
Sundry Conditions of Approval Well Number 43007300440000

Please call Dan Jarvis at 801-538-5338, 48 hours prior to running radioactive tracer survey.

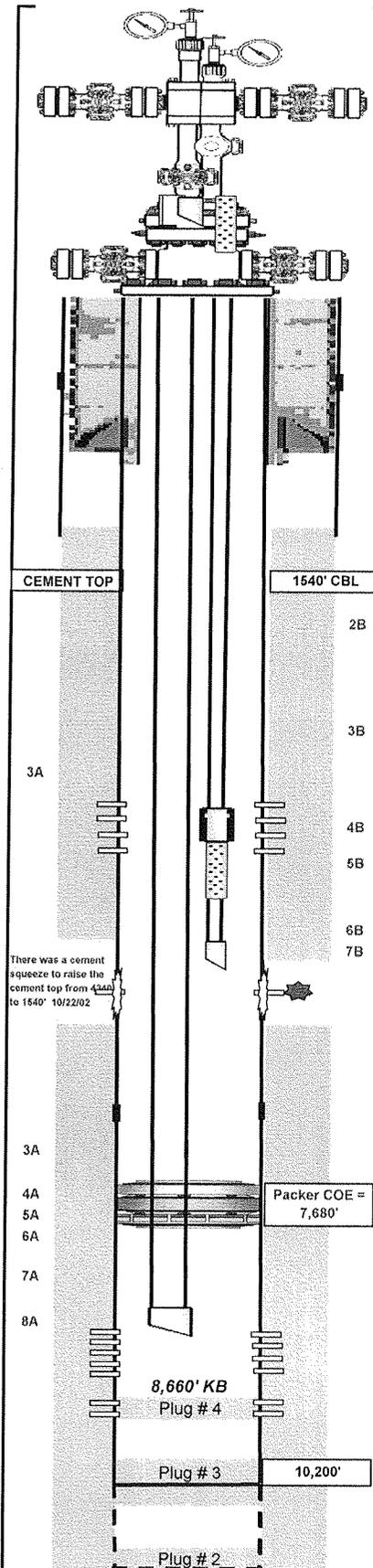
145 8E 19



Thunderbird Energy (GORDON CREEK LLC.)						
WELL NAME:	GORDON CREEK UNIT # 1		SPUD DATE:	11/01/1979		
LOCATION:	4-19-14-8 API #43-007-30044		RR DATE:	8/12/1979		
ELEVATIONS (feet)						
KB	GL	KB to GL	KB to CF	KB to THF	TVD (ft)	PBTD (ft KB)
7,494'	7,472'	22'			11,781'	8660'
CASING DESCRIPTION	OD (inches)	WEIGHT lb/ft	DEPTH		# OF JTS	GRADE
CONDUCTOR	20"	?	102'		?	?
SURFACE	13.375"	72#	0' - 113'; 2469' - 4349'		? Stage Collar 1992' to 1995'	N80 Buttress
	13.375"	68#	113'-1992'; 1995'-2469'			K55 Buttress
PRODUCTION	9.625"	47#	0 to 13'		? Stage Collar 8154' - 8157'	N80 LT&C
	9.625"	47#	13' to 7002'			N80 Buttress
	9.625"	47#	7002'-8154'; 8157'-10,200'			S95 Buttress
PRODUCTION DATA						
PERF DATE	FORMATION	PERFORATIONS (m KB)			PERF DETAILS	
08/08/79	Navajo	8687' - 8692'			4 JSPF 22 gm chg 32 holes	
22/10/02	na	4200'			5 Jet Shots - Squeeze	
26/10/02	Navajo	8464' - 8494'; 8590' - 8616'			4 JSPF .43" Hole	
26/10/02	Ferron	3262' - 3290'			4 JSPF .43" Hole	
Proposed	Navajo	8500' - 8525', 8537' - 8571', 8622' - 8648'			TBD	
INJECTION TUBING DETAIL (from top to bottom)						
ITEM #	QUANTITY	DETAILS		LENGTH	TOP LANDED (ft KB)	
1A	TBD	4.500", 11.6 #/ft, L-80, FLUSH JOINT TK-99 tubing		7587"	Surface	
2A	1	4.500", 11.6 #/ft, L-80, FLUSH JOINT X 10' TK-99 PUP JOINT		10'	7587'	
3A	1	4.500" On/Off Connector c/w 3.812" R profile		3'	7597'	
4A	1	4.750" Latching Seal Assembly		6'	7600'	
5A	TBD	4.500", 11.6 #/ft, L-80, FLUSH JOINT TK-99 tubing		830'	7600'	
6A	1	4.500", R Nipple with 3.812" seal bore and 3.759" No-Go		2'	8430'	
7A	1	joint of 4.500", 11.6 #/ft, L-80, FLUSH JOINT TK-99 tubing		31.5'	8432'	
8A	1	4.500", Flush Joint notched collar		0.5'	8463.5'	
PRODUCTION TUBING DETAIL (from top to bottom)						
ITEM #	QUANTITY	DETAILS		LENGTH	TOP LANDED (ft KB)	
1B	TBD	2.375" 4.7# J55 Tubing w/ Shaved & Bevelled Collars		3267.5'	Surface	
2B	1	Pump Seating Nipple 1.875"		0.5'	3267.5'	
3B	1	Jt of 2.375" 4.7# J55 Tubing w/ Shaved & Bevelled Collars		31.50'	3268'	
4B	1	2.375" EUE S&B notched collar		0.5'	3299.5'	
TENSION/COMPRESSION (+/-) lbf:		STRING WT	(+/-) stretch	TOTAL LENGTH	LANDED (ft KB)	
LANDED STRING WEIGHT (lbf):		35,000	Tension	0.00	7600'	
BHP & ROD STRING (from top to bottom)						
ITEM #	QUANTITY	DESCRIPTION		LENGTH	TYPE	
To Be Determined						
WELLHEAD DETAIL						
ITEM	DESCRIPTION			SERIAL #		
TUBING HEAD	tbd					
BONNET						
TBG Volume		bbls		Well Volume		
CSG Annular Volume		bbls		bbls		
Plug # 1:	No Plug # 1					
Plug # 2:	11,779' to 11,227' 300 sacks Class H Cement					
Plug # 3:	10,406' to 9,715' 350 sacks Class H Cement					
Plug # 4:	8,748' to 8,465' 137 sacks Class H Cement Drilled out to PBTD 8660' on 18/10/02					
WELL TD	11,781' KB	PBTD	8,660' KB			
WORKOVER START DATE:	A			FINISH DATE:		

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-46539
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: GORDON CREEK U 1	
2. NAME OF OPERATOR: GORDON CREEK, LLC	9. API NUMBER: 43007300440000	
3. ADDRESS OF OPERATOR: 1179 E Main #345 , Price, UT, 84501	PHONE NUMBER: 403 453-1608 Ext	9. FIELD and POOL or WILDCAT: GORDON CREEK
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1517 FSL 1590 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 19 Township: 14.0S Range: 08.0E Meridian: S	COUNTY: CARBON	
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/12/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input checked="" type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>In relation to the Sundry approval for this well granted on Setember 13th, 2011, we were unable to retrieve the seal assembly from the permanent packer, which left the seal assembly and injection "tail pipe" below the packer "stuck in the hole". Upon receiving verbal approval from Dan Jarvis on Dec 1, 2011, we went ahead and milled off the slips that hold the permanent packer in place. We then went and latched on to the packer + seal assy + tail pipe and pulled them all out of the well. We are now going to do a clean out trip PBSD with an 8 1/2" mill before setting a new permanent packer into the well at a location near where the original permanenet packer was originally set. Once that is done, well operation will continue as per the original Sundry granted on September 13th, 2011.</p>		
		Approved by the Utah Division of Oil, Gas and Mining Date: 12/08/2011  By: _____
NAME (PLEASE PRINT) Barry Brumwell	PHONE NUMBER 403 453-1608	TITLE Vice President-Operations
SIGNATURE N/A	DATE 12/6/2011	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-46539	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: GORDON CREEK, LLC		8. WELL NAME and NUMBER: GORDON CREEK U 1	
3. ADDRESS OF OPERATOR: 1179 E Main #345 , Price, UT, 84501		9. API NUMBER: 43007300440000	
PHONE NUMBER: 403 453-1608 Ext		9. FIELD and POOL or WILDCAT: GORDON CREEK	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1517 FSL 1590 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 19 Township: 14.0S Range: 08.0E Meridian: S		COUNTY: CARBON	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION <input checked="" type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input checked="" type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Change Packer"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
<p>The 2.375" prod tbg was pulled OOH. Attempts were made to release the 4.75" seal assy from the perm packer but seal assy wouldn't release. Had to fish the existing 2.375" inj tbg from the well down to the packer, then mill up the packer slips and fish it and the rest of 2.375" inj string from the well. A 60 arm caliper log was then run in the 9 5/8" csg & csg cond determined for new packer placement. New perms were added at 8500'-8525' + 8540'-8566' & a new perm packer was set @ 7680'. A new string of 4.5" 11.6# L-80 FJ4040MMS tubing w/ TK-99 int coating was run to 8857.71' KB w/ seal assy located in the perm packer @ 7680'. Tbg was pressure tested to 1500 psi for 15 mins. 2.375" prod tbg was then re-run to 3339.19' KB & an insert pump + rod string run inside the prod tubing. Planned acid job w/ RA Tracer inj + logging program for pkr isolation test will be performed in the new future.</p>			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 12, 2012			
NAME (PLEASE PRINT) Barry Brumwell	PHONE NUMBER 403 453-1608	TITLE Vice President-Operations	
SIGNATURE N/A		DATE 1/11/2012	



WELL TD	11,781' KB	PBTD	8,660' KB
WORKOVER START DATE:	14-Nov-11		

Thunderbird Energy (GORDON CREEK LLC.)						
WELL NAME:		GORDON CREEK UNIT # 1			SPUD DATE:	11/01/1979
LOCATION:		4-19-14-8 API #43-007-30044			RR DATE:	8/12/1979
ELEVATIONS (feet)						
KB	GL	KB to GL	KB to CF	KB to THF	TVD (ft)	PBTD (ft KB)
7,494'	7,472'	22'			11,781'	8660'
CASING DESCRIPTION	OD (inches)	WEIGHT lb/ft	DEPTH		# OF JTS	GRADE
CONDUCTOR	20"	?	102'		?	?
SURFACE	13.375"	72#	0' - 113'; 2469' - 4349'		? Stage Collar 1992' to 1995'	N80 Buttress
	13.375"	68#	113'-1992'; 1995'-2469'			K55 Buttress
PRODUCTION	9.625"	47#	0 to 13'		? Stage Collar 8154' - 8157'	N80 LT&C
	9.625"	47#	13' to 7002'			N80 Buttress
	9.625"	47#	7002'-8154'; 8157'-10,200'			S95 Buttress
PRODUCTION DATA						
PERF DATE	FORMATION	PERFORATIONS (m KB)			PERF DETAILS	
08/08/79	Navajo	8687' - 8692'			4 JSPF 22 gm chg 32 holes	
22/10/02		4200'			5 Jet Shots - Squeeze	
26/10/02	Navajo	8464' - 8494'; 8590' - 8616'			4 JSPF .43" Hole	
26/10/02	Ferron	3262' - 3290'			4 JSPF .43" Hole	
14/12/11	Navajo	8500' - 8525', 8540' - 8566'			4 JSPF .41" Hole	
INJECTION TUBING DETAIL (from top to bottom)						
ITEM #	QUANTITY	DETAILS		LENGTH (ft)	TOP LANDED (ft KB)	
1A		KB-SCF		22.00	0.00	
2A	1	pup jt 4.500", 11.6 #/ft, L-80, FJ4040MMS tbg w/ TK-99 int coating		3.46	22.00	
3A	178	jts 4.500", 11.6 #/ft, L-80, FJ4040MMS tbg w/ TK-99 int coating		7650.29	25.46	
4A	1	Weatherford Prop X 4.500" FJ4040MMS X/O Nipple, int coated		2.25	7675.75	
5A	1	Weatherford 4.750" OD X 4.000" ID Latching Seal Assy, int coated		2.50	7678.00	
6A	1	4.500" FJ4040MMS X Weatherford Prop X/O Nipple, int coated		1.30	7680.50	
7A	18	jts 4.500", 11.6 #/ft, L-80, FJ4040MMS tbg w/ TK-99 int coating		774.91	7681.80	
8A	1	4.500" FJ4040MMS Aluminum Notched Collar		1.00	8456.71	
	1	Weatherford 9 5/8" X 4 3/4" UltraPack Permanent Seal Bore Production Packerwith Internal Nickle Coating		4.00	7,680' - C.O.E.	
THE 4.500" INJECTION TUBING WAS LANDED IN 35,000 # COMPRESSION. ADD THE 8,990 # OF TUBING BELOW THE SEALL ASSY AND TO HAVE 43,990 # OF EFFECTIVE COMPRESSION ON THE SEAL ASSY LOCATOR						
PRODUCTION TUBING DETAIL (from top to bottom)						
ITEM #	QUANTITY	DETAILS		LENGTH	TOP LANDED (ft KB)	
1B		KB - SCF		22.00	0.00	
2B	73	jts of 2.375", 4.7#, J-55 Tubing w/ EUE Shaved & Bevelled Collars		2498.58	22.00	
3B	24	jts of 2.375" 4.7# J-55 Tubing w/ EUE reg couplings & TK-70 int coating		780.63	2520.58	
4B	1	Pump Seating Nipple 1.875"		1.10	3301.21	
5B	1	2.375" 4.7# J55 perforated pup jt w/ Shaved & Bevelled Collar		4.10	3302.31	
6B	1	jt of 2.375", 4.7#, J-55 Tubing w/ EUE Shaved & Bevelled Collars		32.48	3306.41	
7B	1	2.375" EUE S&B coupling		0.30	3338.89	
TENSION/COMPRESSION (+/-) lbf:		STRING WT	(+/-) stretch	TOTAL LENGTH	LANDED (ft KB)	
LANDED STRING WEIGHT (lbf):		15,695	Tension	3317.19	3339.19	
BHP & ROD STRING (from top to bottom)						
ITEM #	QUANTITY	DESCRIPTION		LENGTH	TYPE	
	1	1.500" X 22' Polished Rod		22.0	ES	
	3	3/4" X 2', 3/4" X 6' & 3/4" 8' Pony Rods		16.0	Moulded Guides	
	119	3/4" Plain Rods		3030.5	Moulded Guides	
	10	1 1/4" Weight Bars		254.7		
	1	RWAC 2' X 1.5" X 16' Sprayed Metal Pump with Titanium/Carbide Valve, Steel/Chromed Barrell and 141' Stroke Length		16.0		
WELLHEAD DETAIL						
ITEM	DESCRIPTION				SERIAL #	
TUBING HEAD	McEvoy 9 5/8" X 11" Dual hanger step casing head					
BONNET						

TBG Volume		bbls	Well Volume
CSG Annular Volume		bbls	bbls

- Plug # 1: No Plug # 1
- Plug # 2: 11,779' to 11,227' 300 sacks Class H Cement
- Plug # 3: 10,406' to 9,715' 350 sacks Class H Cement
- Plug # 4: 8,748' to 8,465' 137 sacks Class H Cement
Drilled out to PBTD 8660' on 18/10/02

FINISH DATE:	19-Dec-11
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GORDON CREEK, LLC.

1179 E. MAIN, #345 PRICE, UTAH 84501

WELL NAME		GORDON CREEK UNIT #1 4-19-14-8		DATE	15-Nov-2011
LEASE #		ML-46539		DAY NO.	3
PROJECT		WORKOVER TO CHANGE INJECTION STRING		AFE #	11WRK001
PERFORATION (s)		FERRON:	3,262' - 3,290'	TD	11781'
		NAVAJO:	8,464' - 8,494' 8,590' - 8,616' 8,687' - 8,692'	PBTD	8,660'
16-Nov-2011	08:00 hrs.	WAIT FOR 11" BOPs		Rig & Num	PROFESSIONAL #7
API #:	43-007-30044			H2S	NONE
Lease & road condition		Good, slightly muddy		Temp	HIGH 48° F LOW 27° F
FROM	TO	DETAILED DESCRIPTION OF DAILY OPERATIONS			
6:30	7:30	Travel to location from Price, Utah SICP = 200 psi Prod string SITP = 40 psi Inj string SITP = vacuum			
7:30	7:45	Held safety meeting, start and warm up equipment.			
7:45	9:00	Rig to and pump produced/fresh water from 400 bbl tank farm down tubing annulus through 2" valve on side outlet of casing bowl. Pumped a total of 300 bbls. Then rigged to and pumped 50 bbls down the production tubing. Well dead - production tubing on slight vacuum			
9:00	10:00	N.D.W.H and N.U. new 11" BOPs rented from High Tech Tools in Aztec, NM. Install upset spool required to pull short (production) string. Rig up rig floor and rig in Scan Tech testers for tubing inspection.			
10:00	16:30	POOH with 2 3/8" production string, inspecting tubing while tripping. Stand good joints in derrick, lay down all red banded joints. Plunger lift plunger stuck in joint 77. Pulled a total of 99 joints of tubing as follows: 18 Yellow Banded jts (0-15% wall loss), 59 Blue Banded jts (16%-30% wall loss) and 22 Red Banded joints (> 30% wall loss or hole in tbg). Remove plunger lift profile and Seating Nipple from string			
16:30	17:30	Shut well in with BOP blind rams, N.D. upset spool, adjust rig floor. Pump 50 bbls of water down tubing annulus through 2" side outlet in casing bowl. Drain pump and lines. Secure well and SDFN			
17:30	18:30	Travel to Price, Utah			

FLUID SUMMARY (BBLs)		Water	Oil	DAILY COST ANALYSIS	
				SERVICE	AMOUNT
TOTAL FLUID HAULED TO LEASE				Professional Well Service - rig charges	\$ 4,945.00
TOTAL FLUID HAULED FROM LEASE				Scan Tech (tubing inspection)	\$ 3,595.00
FLUIDS IN TANKS		2000		Nelco Inc. (water hauling)	\$ 920.00
TOTAL LOAD FLUID				Nelco Inc. (inst. Water line from water well to 400 bbl tank farm)	\$ 1,000.00
RECOVERY LAST 24 HRS.				A-1 Rentals (loader)	\$ 250.00
CUMULATIVE RECOVERY				Nelco Inc. (welder for grnd pipe racks)	\$ 315.00
(+) Load fluid: (-) for new fluid.				High Tech Tools (11" BOPs)	\$ 1,000.00
GAS PRODUCED LAST 24 HRS					
CUMULATIVE GAS PRODUCED					
GAS FLARED LAST 24 HRS					
CUMULATIVE GAS FLARED (hrs)					
				DAILY TOTAL	\$ 12,025.00
		Daily	Accum	PREVIOUS TOTAL	\$ 7,760.00
Rig Hours:		10	20	CUMULATIVE TOTAL	\$ 19,785.00
SUPERVISOR:		BARRY BRUMWELL		AFE TOTAL	

GORDON CREEK, LLC.

1179 E. MAIN, #345 PRICE, UTAH 84501

WELL NAME	GORDON CREEK UNIT #1 4-19-14-8		DATE	17-Nov-2011
LEASE #	ML-46539		DAY NO.	5
PROJECT	WORKOVER TO CHANGE INJECTION STRING		AFE #	11WRK001
PERFORATION (s)	FERRON:	3,262' - 3,290'	TD	11781'
	NAVAJO:	8,464' - 8,494' 8,590' - 8,616' 8,687' - 8,692'	PBTD	8,660'
18-Nov-2011	08:00 hrs.	Fishing parted 2 3/8" injection string	Rig & Num	PROFESSIONAL #7
API #:	43-007-30044		H2S	NONE
Lease & road condition	Good, frozen		Temp	48° F

FROM	TO	DETAILED DESCRIPTION OF DAILY OPERATIONS
12:00	6:00	2 man night crew stayed on location to supervise pumping operations for well control purposes.
6:00	7:00	Travel to location from Price, Utah SICIP = not taken - pumping down annulus. Inj string SITP = vacuum
7:00	7:15	Held safety meeting, start and warm up equipment.
7:15	8:45	Measured, PU and MU Fishing BHA #1 (Run #1) - OVERSHOT (2 7/8" X 5 3/4" OD w/ 8 3/8" guide loaded with 2 19/32" catch basket grapple), BOWEN LBS 2 7/8" EUE X 4 1/2" OD, X/O Sub 2 3/8" EUE X 2 7/8" EUE, 2 3/8" N-80 N-80 EUE tubing pup joint.
8:45	15:30	RIH with 122 jts of tubing (ran 11 stands with J-55 S&B collars due to laying down of bad joints of N-80 inj tbg) and tagged fish top at 3,993'. Rotated over fish top, slacked off 10K down, picked back up and have fish engaged. Rotated to the RIGHT and release seal assembly. Picked up to POOH and hit solid bridge approx. 30 above on/off connector. Worked tubing to try and get past tight spot, unable. Lowered tubing and re-latched seal assy. Rotated to the LEFT and released from the on/off connector. Picked up and tagged bridge in same spot. Lowered tubing and re-latched on/off conn. Rotated to the RIGHT and released fishing overshot pulled up hole 60' to verify that the overshot isn't what is getting hung up. Lower the tubing and re-latch the overshot. Un-set the on/off connector and remove 1 Jt of tubing and shut in the well with TIW valve on the tubing and closed the pipe rams. Adjust rig floor.
15:30	16:30	Travel to Price, Utah
16:30	0:00	Leave 2 men on site over night to continuously pump 120 bbls/hr of water down tubing annulus through 2" side outlet in casing bowl. Secure well.

FLUID SUMMARY (BBLs)	Water	Oil	DAILY COST ANALYSIS	
TOTAL FLUID HAULED TO LEASE			SERVICE	AMOUNT
TOTAL FLUID HAULED FROM LEASE			Professional Well Service - rig charges	\$ 5,605.00
FLUIDS IN TANKS	2200		A-1 Rentals (loader)	\$ 250.00
TOTAL LOAD FLUID			High Tech Tools (11" BOPs)	\$ 1,000.00
RECOVERY LAST 24 HRS.			A-1 Rentals (Gen Set at 1A-18 for H2O)	\$ 140.00
CUMULATIVE RECOVERY			Professional Well Serv (overnight crew)	\$ 1,480.00
(+) Load fluid: (-) for new fluid.			A-1 Rentals (delivery of loader and Gen)	\$ 600.00
GAS PRODUCED LAST 24 HRS				
CUMULATIVE GAS PRODUCED				
GAS FLARED LAST 24 HRS				
CUMULATIVE GAS FLARED (hrs)				
			DAILY TOTAL	\$ 9,075.00
	Daily	Accum	PREVIOUS TOTAL	\$ 26,180.00
Rig Hours:	8.5	36	CUMULATIVE TOTAL	\$ 35,255.00
SUPERVISOR:	BARRY BRUMWELL		AFE TOTAL	

GORDON CREEK, LLC.

1179 E. MAIN, #345 PRICE, UTAH 84501

WELL NAME		GORDON CREEK UNIT #1 4-19-14-8		DATE	18-Nov-2011
LEASE #		ML-46539		DAY NO.	6
PROJECT		WORKOVER TO CHANGE INJECTION STRING		AFE #	11WRK001
PERFORATION (s)		FERRON:	3,262' - 3,290'	TD	11781'
		NAVAJO:	8,464' - 8,494' 8,590' - 8,616' 8,687' - 8,692'	PBTD	8,660'
19-Nov-2011	08:00 hrs.	Fishing parted 2 3/8" injection string		Rig & Num	PROFESSIONAL #7
API #:	43-007-30044			H2S	NONE
Lease & road condition		Good, frozen		Temp	27° F
FROM	TO	DETAILED DESCRIPTION OF DAILY OPERATIONS			
12:00	6:00	2 man night crew stayed on location to supervise pumping operations for well control purposes.			
6:00	7:00	Travel to location from Price, Utah SICP = not taken - pumping down annulus. Inj string SITP = vacuum			
7:00	7:15	Held safety meeting, start and warm up equipment.			
7:15		MORU Rocky Mountain Wireline Service casing recovery wireline unit, RIH w/ 1.5" OD free point tools to 3,296', 100% free pipe. RIH to 3,993', 100% free pipe. RIH to 4,319', 78% free pipe. RIH to 7,596', tools would not go further. Pull up to 7,590', free point tools malfunctioned. POOH to check tools.			
10:00		Cleaned off bits of TK-70 tubing coating from free point tools.. MU and run back in hole with free point tools to 7,533' and tagged fill. Hooked up kelly hose to inj. tubing string and pump 35 bbls of water down tubing. Lowered free point tool to 7,596' and tagged top of packer (NOTE: IT APPEARS THAT THE WELL FILE HAS INCORRECT INJ. STRING TALLY INFORMATION - IT APPEARS FROM THE CCL ON THE FREE POINT TOOLS THAT THERE IS ONLY 1 JT OF TUBING BETWEEN THE TOP PROFILE AND THE ON/OFF CONNECTOR, NOT 3 JTS AS STATED).			
	12:30	Determined that the tubing is 100% free down to casing tight spot at +/- 7,570'. Pooh with free point tools.			
12:30		RIH w/ 1 11/16" gauge ring to check that jet cutting tools will get to bottom. Got to 7,534', could not get thru top nipple 7,534'. Rig in pumping equipment and pump 35 bbls down the inj string. Attempt to lower gauge ring thru nipple - no go. POOH and rig down RMWS. RIH with 10', 8' and 4' 2 3/8" pup jts and latch back onto on/off. SDFN			
3:00	4:00	Travel to Price, Utah.			
3:00	0:00	Leave 2 men on site over night to continuously pump 45 bbls/hr of water down tubing annulus through 2" side outlet in casing bowl. Secure well.			

FLUID SUMMARY (BBLs)		Water	Oil	DAILY COST ANALYSIS	
				SERVICE	AMOUNT
TOTAL FLUID HAULED TO LEASE				Professional Well Service - rig charges	\$ 4,685.00
TOTAL FLUID HAULED FROM LEASE				A-1 Rentals (loader)	\$ 250.00
FLUIDS IN TANKS		2400		High Tech Tools (11" BOPs)	\$ 1,000.00
TOTAL LOAD FLUID				A-1 Rentals (Gen Set at 1A-18 for H2O)	\$ 140.00
RECOVERY LAST 24 HRS.				Professional Well Serv (overnight crew)	\$ 1,480.00
CUMULATIVE RECOVERY				RBS Fishing (costs to date)	\$ 9,500.00
(+) Load fluid: (-) for new fluid.				Rocky Mtn Wireline Service	\$ 7,500.00
GAS PRODUCED LAST 24 HRS				Weatherford (tool hand)	\$ 4,500.00
CUMULATIVE GAS PRODUCED				Weatherford (4.5" seal assy)	\$ 7,385.00
GAS FLARED LAST 24 HRS				Hunting (Pipe Cop - sent home, fishing)	\$ 3,500.00
CUMULATIVE GAS FLARED (hrs)					
ESTIMATED WATER PUMPED INTO WELL TO DATE:		8640	bbls		
(1st 3 days, pumping rate was 120 bbl/hr. slowed pumping rate down to 45 bbl/hr at end of day and well appears to be staying "dead")					
				DAILY TOTAL	\$ 39,940.00
		Daily	Accum	PREVIOUS TOTAL	\$ 35,255.00
Rig Hours:		8	44	CUMULATIVE TOTAL	\$ 75,195.00
SUPERVISOR:		BARRY BRUMWELL		AFE TOTAL	

GORDON CREEK, LLC.

1179 E. MAIN, #345 PRICE, UTAH 84501

WELL NAME		GORDON CREEK UNIT #1 4-19-14-8	DATE	19-Nov-2011
LEASE #		ML-46539	DAY NO.	7
PROJECT		WORKOVER TO CHANGE INJECTION STRING	AFE #	11WRK001
PERFORATION (s)		FERRON: 3,262' - 3,290'	TD	11781'
		NAVAJO: 8,464' - 8,494' 8,590' - 8,616' 8,687' - 8,692'	PBTD	8,660'
20-Nov-2011	08:00 hrs.	Fishing parted 2 3/8" injection string	Rig & Num	PROFESSIONAL #7
API #:	43-007-30044		H2S	NONE
Lease & road condition		VERY SLIPPERY, frozen, covered in 4" of snow	Temp	22° F

FROM	TO	DETAILED DESCRIPTION OF DAILY OPERATIONS
12:00	6:00	2 man night crew stayed on location to supervise pumping operations for well control purposes.
6:00	7:00	Travel to location from Price, Utah SICIP = not taken - pumping down annulus. Inj string SITP = vacuum
7:00	7:30	Held safety meeting, start and warm up equipment.
7:30	9:00	WAIT ON FISHING HAND AND CASING RECOVERY WIRELINE UNIT DUE TO POOR ROAD CONDITIONS
9:00	9:15	Safety meeting to discuss complete job details for ths phase of the operation
9:15		MORU Cased Hole Solutions pipe recovery wireline unit. MU and RIH with 1 9/16" jet cutter to 7,588'. Picked up on tubing and pulled 13,000 # tension. Fire cutter. No tubing action. POOH with wireline, worked tubing for 30 mins, pulling up to 62,000 #, tubing didn't part. MU and RIH with a 2nd 1 9/16" jet cutter to 7,588'. Picked up on tubing and pulled 13,000# tension. Fire cutter. No tubing action. POOH with wireline, worked tubing for 30 mins, pulling up to 62,000#, tubing didn't part. MU and RIH with 10' of 80 grain primer cord (to knock internal coating off of tubing) and place primer cord at 7,581' - 7,591'. Picked up on tubing and pulled 13,000 # tension. Fire primer cord. POOH with wireline. Rig to and pump 20 bbls of water down the tubing to ensure any internal coating that came off is pumped below 7,590'. MU and RIH with a 1 1/2" OD chemical cutter - hit bridge at 7,396'. Rigged to and pumped another 20 bbl of water down the tubing - cannot get past 7,396'. POOH with wireline. MU and RIH with 1 1/2" spudding gear incl spangs and jars. Attempt to get past obstruction at 7,396' - cannot. POOH w/ wireline. Pull tbg to 60,000# and set in slips. Close pipe rams and SDFN.
16:00	17:00	Travel to Price, Utah.
17:00	0:00	Leave 2 men on site over night to continuously pump 45 bbls/hr of water down tubing annulus through 2" side outlet in casing bowl. Secure well.

FLUID SUMMARY (BBLs)	Water	Oil	DAILY COST ANALYSIS	
TOTAL FLUID HAULED TO LEASE			SERVICE	AMOUNT
TOTAL FLUID HAULED FROM LEASE			Professional Well Service - rig charges	\$ 4,965.00
FLUIDS IN TANKS	2200		A-1 Rentals (loader)	\$ 250.00
TOTAL LOAD FLUID			High Tech Tools (11" BOPs)	\$ 1,000.00
RECOVERY LAST 24 HRS.			A-1 Rentals (Gen Set at 1A-18 for H2O)	\$ 140.00
CUMULATIVE RECOVERY			Professional Well Serv (overnight crew)	\$ 1,600.00
(+) Load fluid: (-) for new fluid.			RBS Fishing (today)	\$ 3,000.00
GAS PRODUCED LAST 24 HRS			Cased Hole Solutions (wireline)	\$ 10,000.00
CUMULATIVE GAS PRODUCED				
GAS FLARED LAST 24 HRS				
CUMULATIVE GAS FLARED (hrs)				
ESTIMATED WATER PUMPED INTO WELL TO DATE:	10800	bbls		
(1st 3 days, pumping rate was 120 bbl/hr. slowed pumping rate down to 45 bbl/hr at end of day and well appears to be staying "dead")				
			DAILY TOTAL	\$ 20,955.00
	Daily	Accum	PREVIOUS TOTAL	\$ 75,195.00
Rig Hours:	9	53	CUMULATIVE TOTAL	\$ 96,150.00
SUPERVISOR:	BARRY BRUMWELL		AFE TOTAL	

GORDON CREEK, LLC.

1179 E. MAIN, #345 PRICE, UTAH 84501

WELL NAME		GORDON CREEK UNIT #1 4-19-14-8	DATE	20-Nov-2011
LEASE #		ML-46539	DAY NO.	8
PROJECT		WORKOVER TO CHANGE INJECTION STRING	AFE #	11WRK001
PERFORATION (s)		FERRON: 3,262' - 3,290'	TD	11781'
		NAVAJO: 8,464' - 8,494' 8,590' - 8,616' 8,687' - 8,692'	PBTD	8,660'
21-Nov-2011	08:00 hrs.	Fishing parted 2 3/8" injection string	Rig & Num	PROFESSIONAL #7
API #:	43-007-30044		H2S	NONE
Lease & road condition		Fair, muddy	Temp	37° F

FROM	TO	DETAILED DESCRIPTION OF DAILY OPERATIONS
12:00	6:00	2 man night crew stayed on location to supervise pumping operations for well control purposes.
6:00	7:00	Travel to location from Price, Utah SICIP = not taken - pumping down annulus. Inj string SITP = vacuum
7:00	7:30	Held safety meeting with rig crew, start and warm up equipment.
7:30	8:00	Wait for wireline crew and fisherman
8:00	8:15	Held safety meeting for planned operations with all personnel on site.
8:15		MU and RIH with a 1 11/16" OD Jet cutter (plan was to cut as deep as possible). Tagged bridge at 5,779'. Attempt to wor tool deeper, cannot get past obstruction (obstruction wasn't there on previous runs of tools with same OD...) Pulled 10,000 # pull over string weight into tubing and shot chemical cutter off at 5,774'. TUBING DID NOT SEVER. POOH with wireline - CCL signal went dead at 720'. At surface, CCL tool (12" length) and remnants of chemical cutter were missing. Overall length of wireline tools that are missing: 15" - 18" . RD and release wireline. Worked the tubing for 30 minutes with no sever.
10:00		
10:00	14:00	Released fishing overshot and POOH with 121 jts of 2 3/8' EUE tubing and broke down and laid down fishing tools
14:00	16:00	Prepared wellsite & rig for tomorrow's operations. <i>Ordered out 2 7/8" P-110 PH-6 work string for tomorrow's ops.</i>
16:00	17:00	Travel to Price, Utah.
17:00	0:00	Leave 2 men on site over night to continuously pump 45 bbls/hr of water down tubing annulus through 2" side outlet in casing bowl. Secure well.

FLUID SUMMARY (BBLs)	Water	Oil	DAILY COST ANALYSIS	
TOTAL FLUID HAULED TO LEASE			SERVICE	AMOUNT
TOTAL FLUID HAULED FROM LEASE			Professional Well Service - rig charges	\$ 4,965.00
FLUIDS IN TANKS	2650		A-1 Rentals (loader)	\$ 250.00
TOTAL LOAD FLUID			High Tech Tools (11" BOPs)	\$ 1,000.00
RECOVERY LAST 24 HRS.			A-1 Rentals (Gen Set at 1A-18 for H2O)	\$ 140.00
CUMULATIVE RECOVERY			Professional Well Serv (overnight crew)	\$ 1,720.00
(+) Load fluid: (-) for new fluid.			RBS Fishing (today)	\$ 3,000.00
GAS PRODUCED LAST 24 HRS			Cased Hole Solutions (wireline)	\$ 10,000.00
CUMULATIVE GAS PRODUCED			Prof Well Service (11" BOP Delivery)	\$ 1,360.00
GAS FLARED LAST 24 HRS				
CUMULATIVE GAS FLARED (hrs)				
ESTIMATED WATER PUMPED INTO WELL TO DATE: (1st 3 days, pumping rate was 120 bbl/hr. slowed pumping rate down to 45 bbl/hr at end of day and well appears to be staying "dead")	11880	bbls		
			DAILY TOTAL	\$ 22,435.00
	Daily	Accum	PREVIOUS TOTAL	\$ 96,150.00
Rig Hours:	9	62	CUMULATIVE TOTAL	\$ 118,585.00
SUPERVISOR:	BARRY BRUMWELL		AFE TOTAL	

GORDON CREEK, LLC.

1179 E. MAIN, #345 PRICE, UTAH 84501

WELL NAME		GORDON CREEK UNIT #1 4-19-14-8	DATE	21-Nov-2011
LEASE #		ML-46539	DAY NO.	9
PROJECT		WORKOVER TO CHANGE INJECTION STRING	AFE #	11WRK001
PERFORATION (s)		FERRON: 3,262' - 3,290'	TD	11781'
		NAVAJO: 8,464' - 8,494' 8,590' - 8,616' 8,687' - 8,692'	PBTD	8,660'
22-Nov-2011	08:00 hrs.	Fishing parted 2 3/8" injection string	Rig & Num	PROFESSIONAL #7
API #:	43-007-30044		H2S	NONE
Lease & road condition		Fair, muddy snowing off & on	Temp	42° F

FROM	TO	DETAILED DESCRIPTION OF DAILY OPERATIONS
12:00	6:00	2 man night crew stayed on location to supervise pumping operations for well control purposes.
6:00	7:00	Travel to location from Price, Utah SICIP = not taken - pumping down annulus. Inj string SITP = vacuum
7:00	7:15	Held safety meeting with all personnel on site, start and warm up equipment.
7:15	10:15	Unloaded hot shot truck - measured and pick up BHA including 8 3/8" OD overshot loaded with 2 19/32" grapple, BOWEN Bumper Sub (4 3/4" OD), BOWEN Jars (4 3/4" OD), 4 - Drill Collars (4 3/4" OD), BOWEN INT (4 3/4" OD) and X/O sub - 2 7/8" PH-6 to 3 1/2" IF.
10:15		Tally, drift, PU and RIH with BHA on 124 joints 2 7/8", P-110, PH-6 work string tubing. Tagged fish top at 3,993'. Rotated overshot over fish. Pick up to ensure grapple is set and holding. Weatherford Tool Hand attempted to release seal assy by rotating to the right - seal assy would not release. Very hard to get torque down to seal assy which is unusual because it was so easy to do so 2 days ago. Tool Hand then tried to release from on/off tool and was unable - same torque issue.
14:00		Tied back to single line on draw works. Pulled up to 70,000 # and commenced jarring - jars 3X at that pull. Increased pull to 75,000 # and jarred once. Parted tubing and gained 14,000 # of string weight, which is more than if we parted at the upper "cut" but less weight if we parted at the lower "cuts". Laid down 2 jts of tubing, tied back dbl fast line and prepare rig and wellsite for tomorrow's operations.
17:30	18:30	Travel to Price, Utah.
17:30	0:00	Leave 2 men on site over night to continuously pump 45 bbls/hr of water down tubing annulus through 2" side outlet in casing bowl. Secure well.

FLUID SUMMARY (BBLs)		Water	Oil	DAILY COST ANALYSIS	
				SERVICE	AMOUNT
TOTAL FLUID HAULED TO LEASE				Professional Well Service - rig charges	\$ 5,650.00
TOTAL FLUID HAULED FROM LEASE				A-1 Rentals (loader)	\$ 250.00
FLUIDS IN TANKS		3000		High Tech Tools (11" BOPs)	\$ 1,000.00
TOTAL LOAD FLUID				A-1 Rentals (Gen Set at 1A-18 for H2O)	\$ 140.00
RECOVERY LAST 24 HRS.				Professional Well Serv (overnight crew)	\$ 1,600.00
CUMULATIVE RECOVERY				RBS Fishing (today)	\$ 33,775.00
(+) Load fluid: (-) for new fluid.				Prof Well erv (delivery of PH-6 tbg)	\$ 3,500.00
GAS PRODUCED LAST 24 HRS					
CUMULATIVE GAS PRODUCED					
GAS FLARED LAST 24 HRS					
CUMULATIVE GAS FLARED (hrs)					
ESTIMATED WATER PUMPED INTO WELL TO DATE: (1st 3 days, pumping rate was 120 bbl/hr. slowed pumping rate down to 45 bbl/hr at end of day and well appears to be staying "dead")		12960	bbls		
				DAILY TOTAL	\$ 45,915.00
		Daily	Accum	PREVIOUS TOTAL	\$ 118,585.00
Rig Hours:		9	71	CUMULATIVE TOTAL	\$ 164,500.00
SUPERVISOR:		BARRY BRUMWELL		AFE TOTAL	

GORDON CREEK, LLC.

1179 E. MAIN, #345 PRICE, UTAH 84501

WELL NAME		GORDON CREEK UNIT #1 4-19-14-8	DATE	22-Nov-2011
LEASE #		ML-46539	DAY NO.	10
PROJECT		WORKOVER TO CHANGE INJECTION STRING	AFE #	11WRK001
PERFORATION (s)		FERRON: 3,262' - 3,290'	TD	11781'
		NAVAJO: 8,464' - 8,494' 8,590' - 8,616' 8,687' - 8,692'	PBTD	8,660'
23-Nov-2011	08:00 hrs.	Fishing parted 2 3/8" injection string	Rig & Num	PROFESSIONAL #7
API #:	43-007-30044		H2S	NONE
Lease & road condition		Fair, muddy	Temp	45° F

FROM	TO	DETAILED DESCRIPTION OF DAILY OPERATIONS
12:00	6:00	2 man night crew stayed on location to supervise pumping operations for well control purposes.
6:00	7:00	Travel to location from Price, Utah SICIP = not taken - pumping down annulus. Inj string SITP = vacuum
7:00	7:15	Held safety meeting with all personnel on site, start and warm up equipment.
7:15	11:30	POOH with 122 jts of 2 7/8", 8.7 ppf, PH-6 tubing and laid down fishing BHA. POOH and laid down 55 jts of 2 3/8" injection tubing and 6' of cut piece from bottom of fish that was flared significantly from chemical cut. Only 50%-60% of tube was cut - the rest sheared from jarring. Lots of evidence of scale, rust and failing TK-70 internal coating.
11:30	17:30	PO and MO fishing BHA consisting of: Overshot: 3 1/2" IF with 6 3/8" OD guide loaded with 2 3/8" catch basket + trim (to clean off top of fish still down hole). Bowen Bumper Sub (3 1/2" IF X 4 3/4" OD), Bowen Jars: 3 1/2" IF X 4 3/4" OD, 4 - Drill Collars: 3 1/2" IF X 4 3/4" OD, Bowen Intensifier: 3 1/2" IF X 4 3/4" OD, X/O sub and 181 jts of 2 7/8", 8.7 ppf, PH-6 work string tubing. Tagged fish top at 5,783'. Laid down 2 jts of tubing. EOT @ 5,728'.
17:30	18:30	Travel to Price, Utah.
17:30	0:00	Leave 2 men on site over night to continuously pump 45 bbls/hr of water down tubing annulus through 2" side outlet in casing bowl. Secure well.

FLUID SUMMARY (BBLs)	Water	Oil	DAILY COST ANALYSIS	
TOTAL FLUID HAULED TO LEASE			SERVICE	AMOUNT
TOTAL FLUID HAULED FROM LEASE			Professional Well Service - rig charges	\$ 5,245.00
FLUIDS IN TANKS	2500		A-1 Rentals (loader)	\$ 250.00
TOTAL LOAD FLUID			High Tech Tools (11" BOPs)	\$ 1,000.00
RECOVERY LAST 24 HRS.			A-1 Rentals (Gen Set at 1A-18 for H2O)	\$ 140.00
CUMULATIVE RECOVERY			Professional Well Serv (overnight crew)	\$ 1,600.00
(+) Load fluid: (-) for new fluid.			RBS Fishing (today)	\$ 7,500.00
GAS PRODUCED LAST 24 HRS			Hardy Service (delivery of 4 1/2" tbg)	\$ 3,875.00
CUMULATIVE GAS PRODUCED				
GAS FLARED LAST 24 HRS				
CUMULATIVE GAS FLARED (hrs)				
ESTIMATED WATER PUMPED INTO WELL TO DATE: (1st 3 days, pumping rate was 120 bbl/hr. slowed pumping rate down to 45 bbl/hr at end of day and well appears to be staying "dead")	14040	bbls		
			DAILY TOTAL	\$ 19,610.00
	Daily	Accum	PREVIOUS TOTAL	\$ 164,500.00
Rig Hours:	10.5	81.5	CUMULATIVE TOTAL	\$ 184,110.00
SUPERVISOR:	BARRY BRUMWELL		AFE TOTAL	

GORDON CREEK, LLC.

1179 E. MAIN, #345 PRICE, UTAH 84501

WELL NAME		GORDON CREEK UNIT #1 4-19-14-8	DATE	23-Nov-2011
LEASE #		ML-46539	DAY NO.	11
PROJECT		WORKOVER TO CHANGE INJECTION STRING	AFE #	11WRK001
PERFORATION (s)		FERRON: 3,262' - 3,290'	TD	11781'
		NAVAJO: 8,464' - 8,494' 8,590' - 8,616' 8,687' - 8,692'	PBTD	8,660'
24-Nov-2011	08:00 hrs.	Fishing 2 3/8" injection string above packer	Rig & Num	PROFESSIONAL #7
API #:	43-007-30044		H2S	NONE
Lease & road condition		Fair, muddy, snowing off and on.	Temp	39° F

FROM	TO	DETAILED DESCRIPTION OF DAILY OPERATIONS
12:00	6:00	2 man night crew stayed on location to supervise pumping operations for well control purposes.
6:00	7:00	Travel to location from Price, Utah SICP = not taken - pumping down annulus. Inj string SITP = vacuum
7:00	7:15	Held safety meeting with all personnel on site, start and warm up equipment.
7:15	8:30	Picked up power swivel and 2 jts of 2 7/8", 8.7 ppf, PH-6 work string tubing.
8:30	11:30	Tagged fish top at 5,783'. Rotated over fish top and slacked off to 5,784'. Milled over fish top. Slacked off to engage grapple. Attempt to release both the seal assy and on/off connector - cannot get right or left hand torque down to the packer. Commence jarring - pulled to 80 K 3 times, 85 K 3 times, 90 K 3 times, 95 K 3 times, 100 K 3 times, 105 K 3 times, 105 K 3 times and 110 K 3 times. Overshot pulled free from fish on 24th firing of jars. Slacked off to re-engage overshot. Engaged. Pulled up to 105 K, jars fired and overshot pulled free from fish again.
11:30	15:00	POOH with work string tubing. And fishing BHA. Lay down grapple which had badly worn teeth.
15:00	16:00	Discuss next step of operations with Calgary Office.
16:00	17:30	PU next fishing BHA - added 3' of overshoy extension with new grapple and mill control. RIH with 20 jts of 2 7/8" work string tubing. EOT @ 485'. SDFN
17:30	18:30	Travel to Price, Utah.
17:30	0:00	Leave 2 men on site over night to continuously pump 45 bbls/hr of water down tubing annulus through 2" side outlet in casing bowl. Secure well.

FLUID SUMMARY (BBLs)	Water	Oil	DAILY COST ANALYSIS	
TOTAL FLUID HAULED TO LEASE			SERVICE	AMOUNT
TOTAL FLUID HAULED FROM LEASE			Professional Well Service - rig charges	\$ 6,090.00
FLUIDS IN TANKS	3650		A-1 Rentals (loader)	\$ 250.00
TOTAL LOAD FLUID			High Tech Tools (11" BOPs)	\$ 1,000.00
RECOVERY LAST 24 HRS.			A-1 Rentals (Gen Set at 1A-18 for H2O)	\$ 140.00
CUMULATIVE RECOVERY			Professional Well Serv (overnight crew)	\$ 1,560.00
(+) Load fluid: (-) for new fluid.			RBS Fishing (today)	\$ 8,500.00
GAS PRODUCED LAST 24 HRS				
CUMULATIVE GAS PRODUCED				
GAS FLARED LAST 24 HRS				
CUMULATIVE GAS FLARED (hrs)				
ESTIMATED WATER PUMPED INTO WELL TO DATE: (1st 3 days, pumping rate was 120 bbl/hr. slowed pumping rate down to 45 bbl/hr at end of day and well appears to be staying "dead")	15120	bbls		
			DAILY TOTAL	\$ 17,540.00
	Daily	Accum	PREVIOUS TOTAL	\$ 184,110.00
Rig Hours:	11	92.5	CUMULATIVE TOTAL	\$ 201,650.00
SUPERVISOR:	BARRY BRUMWELL		AFE TOTAL	

GORDON CREEK, LLC.

1179 E. MAIN, #345 PRICE, UTAH 84501

WELL NAME		GORDON CREEK UNIT #1 4-19-14-8		DATE	24-Nov-2011
LEASE #		ML-46539		DAY NO.	12
PROJECT		WORKOVER TO CHANGE INJECTION STRING		AFE #	11WRK001
PERFORATION (s)		FERRON:	3,262' - 3,290'	TD	11781'
		NAVAJO:	8,464' - 8,494' 8,590' - 8,616' 8,687' - 8,692'	PBTD	8,660'
25-Nov-2011	08:00 hrs.	Fishing 2 3/8" injection string above packer		Rig & Num	PROFESSIONAL #7
API #:	43-007-30044			H2S	NONE
Lease & road condition		Fair, muddy		Temp	35° F

FROM	TO	DETAILED DESCRIPTION OF DAILY OPERATIONS
12:00	6:00	2 man night crew stayed on location to supervise pumping operations for well control purposes.
6:00	7:00	Travel to location from Price, Utah SICIP = not taken - pumping down annulus. Inj string SITP = vacuum
7:00	7:15	Held safety meeting with all personnel on site, start and warm up equipment.
7:15	12:15	Changed out drilling line on rig from 4 lines to 6 lines as clutch was slipping yesterday when pulling to 110 K.
12:15	15:00	RIH with 171 jts of 2 7/8" work string tubing. Tagged fish top at 5,783'. Rotated over fish top and slacked off to 5,787'. Commence jarring - pulled to 90 K 2 times, 100 K 2 times, 105 K 2 times and 110 K 1 time when fish pulled free. POOH 27' (which is the same spot on/off overshot wouldn't pass several days earlier) - pulled 110 K and fish pulled through tight spot. Laid down 5 joints of work string tubing.
15:00	17:00	POOH with 30 jts of work string tubing. Had 5 K - 20 K of drag on every jt. Assumed bottom of fish (on/off overshot) at 6,500' when drag fell to nothing. POOH with one additional joint, then SDFN.
17:00	18:00	Rig down equipment and SDFN
18:00	19:00	Travel to Price, Utah.
19:00	0:00	Leave 2 men on site over night to continuously pump 45 bbls/hr of water down tubing annulus through 2" side outlet in casing bowl. Secure well.

FLUID SUMMARY (BBLs)	Water	Oil	DAILY COST ANALYSIS	
			SERVICE	AMOUNT
TOTAL FLUID HAULED TO LEASE			Professional Well Service - rig charges	\$ 5,345.00
TOTAL FLUID HAULED FROM LEASE			A-1 Rentals (loader)	\$ 250.00
FLUIDS IN TANKS	3200		High Tech Tools (11" BOPs)	\$ 1,000.00
TOTAL LOAD FLUID			A-1 Rentals (Gen Set at 1A-18 for H2O)	\$ 140.00
RECOVERY LAST 24 HRS.			Professional Well Serv (overnight crew)	\$ 2,080.00
CUMULATIVE RECOVERY			RBS Fishing (today)	\$ 7,600.00
(+) Load fluid: (-) for new fluid.				
GAS PRODUCED LAST 24 HRS				
CUMULATIVE GAS PRODUCED				
GAS FLARED LAST 24 HRS				
CUMULATIVE GAS FLARED (hrs)				
ESTIMATED WATER PUMPED INTO WELL TO DATE: (1st 3 days, pumping rate was 120 bbl/hr. slowed pumping rate down to 45 bbl/hr at end of day and well appears to be staying "dead")	16200	bbls		
			DAILY TOTAL	\$ 16,415.00
	Daily	Accum	PREVIOUS TOTAL	\$ 201,650.00
Rig Hours:	8	100.5	CUMULATIVE TOTAL	\$ 218,065.00
SUPERVISOR:	BARRY BRUMWELL		AFE TOTAL	

GORDON CREEK, LLC.

1179 E. MAIN, #345 PRICE, UTAH 84501

WELL NAME		GORDON CREEK UNIT #1 4-19-14-8		DATE	26-Nov-2011
LEASE #		ML-46539		DAY NO.	14
PROJECT		WORKOVER TO CHANGE INJECTION STRING		AFE #	11WRK001
PERFORATION (s)		FERRON:	3,262' - 3,290'	TD	11781'
		NAVAJO:	8,464' - 8,494' 8,590' - 8,616' 8,687' - 8,692'	PBTD	8,660'
27-Nov-2011	08:00 hrs.	POOH to PU full drift washover mill assy		Rig & Num	PROFESSIONAL #7
API #:	43-007-30044			H2S	NONE
Lease & road condition		Fair, muddy		Temp	37° F
FROM	TO	DETAILED DESCRIPTION OF DAILY OPERATIONS			
12:00	6:00	2 man night crew stayed on location to supervise pumping operations for well control purposes.			
6:00	7:00	Travel to location from Price, Utah SICIP = not taken - pumping down annulus. Inj string SITP = vacuum			
7:00	7:15	Held safety meeting with all personnel on site, start and warm up equipment.			
7:15		Tally, PU and MU fishing BHA as follows: Series 70 Short Catch Overshot: 3 1/2" IF X 5 7/8" OD loaded with 3 1/4" OD Catch Basket Grapple, Bowen LBS Bumper Sub: 3 1/2" IF X 4 3/4" OD, Bowen Jar: 3 1/2" IF X 4 3/4" OD, 4 - drill Collars: 3 1/2" IF X 4 3/4" OD, Bowen Intensifier: 3 1/2" IF X 4 3/4" OD, X/O Sub: 3 1/2" IF X 2 7/8" PH-6.			
8:30		RIH with 240 jts of 2 7/8", 8.7 ppf, P-110, PH-6 work string tubing. Tagged top of fish at 7,606'. Slacked off over fish top, pulled 20 K over string weight, bled jars into open position. Tried to rotated seal assy out several times at various slack off weights using up to 3,000 ft.lbs of torque - no luck releasing seal assy. Wore grapple down until it wouldn't hold fish any longer. Rig to POOH.			
15:15		POOH and lay down 40 singles (in case planned mill run tags tight spot in casing at 6,500' that on/off overshot pulled tight up to) and stand back 45 stands into derrick.			
17:30	18:00	Rig down equipment and SDFN			
18:00	19:00	Travel to Price, Utah.			
18:00	0:00	Leave 2 men on site over night to continuously pump 45 bbls/hr of water down tubing annulus through 2" side outlet in casing bowl. Secure well.			
FLUID SUMMARY (BBLs)		Water	Oil	DAILY COST ANALYSIS	
TOTAL FLUID HAULED TO LEASE				SERVICE	AMOUNT
TOTAL FLUID HAULED FROM LEASE				Professional Well Service - rig charges	\$ 5,385.00
FLUIDS IN TANKS		1800		A-1 Rentals (loader)	\$ 250.00
TOTAL LOAD FLUID				High Tech Tools (11" BOPs)	\$ 1,000.00
RECOVERY LAST 24 HRS.				A-1 Rentals (Gen Set at 1A-18 for H2O)	\$ 140.00
CUMULATIVE RECOVERY				Professional Well Serv (overnight crew)	\$ 1,560.00
(+) Load fluid: (-) for new fluid.				RBS Fishing (today)	\$ 9,000.00
GAS PRODUCED LAST 24 HRS					
CUMULATIVE GAS PRODUCED					
GAS FLARED LAST 24 HRS					
CUMULATIVE GAS FLARED (hrs)					
ESTIMATED WATER PUMPED INTO WELL TO DATE:		18360	bbls		
(1st 3 days, pumping rate was 120 bbl/hr. slowed pumping rate down to 45 bbl/hr at end of day and well appears to be staying "dead")					
		Daily	Accum	DAILY TOTAL	\$ 17,335.00
				PREVIOUS TOTAL	\$ 233,400.00
Rig Hours:		6	112.5	CUMULATIVE TOTAL	\$ 250,735.00
SUPERVISOR:		BARRY BRUMWELL		AFE TOTAL	

GORDON CREEK, LLC.

1179 E. MAIN, #345 PRICE, UTAH 84501

WELL NAME		GORDON CREEK UNIT #1 4-19-14-8		DATE	27-Nov-2011
LEASE #		ML-46539		DAY NO.	15
PROJECT		WORKOVER TO CHANGE INJECTION STRING		AFE #	11WRK001
PERFORATION (s)		FERRON:	3,262' - 3,290'	TD	11781'
		NAVAJO:	8,464' - 8,494' 8,590' - 8,616' 8,687' - 8,692'	PBTD	8,660'
28-Nov-2011	08:00 hrs.	Prepare to mill debris above packer with full drift washover mill assy		Rig & Num	PROFESSIONAL #7
API #:	43-007-30044			H2S	NONE
Lease & road condition		Fair, muddy		Temp	34° F

FROM	TO	DETAILED DESCRIPTION OF DAILY OPERATIONS
12:00	6:00	2 man night crew stayed on location to supervise pumping operations for well control purposes.
6:00	7:00	Travel to location from Price, Utah SICIP = not taken - pumping down annulus. Inj string SITP = vacuum
7:00	7:15	Held safety meeting with all personnel on site, start and warm up equipment.
7:15	8:30	POOH with work string tubing and fishing BHA
8:30	10:00	PU, measured and MU fishing BHA #5 consisting of Washover Shoe: 8 1/2" OD X 8 1/8" Hydril, 6' of Wash Pipe w/ 8 1/8" Hydril conn, Top Bushing: 8 1/8" Hydril X 4 1/2" IF, X/O Sub: 4 1/2" IF X 3 1/2" IF, Bowen Bumper Sub: 3 1/2" IF X 4 3/4" OD, Bowen Jar: 3 1/2" IF X 4 3/4" OD, 4 - Drill Collars: 3 1/2" IF X 4 3/4" OD, Bowen Intensifier: 3 1/2" IF X 4 3/4" OD, X/O sub: 3 1/2" IF X 2 7/8" PH-6.
10:00	15:00	RIH with 239 jts of 2 7/8" work string tubing, tagged obstruction at 7,595' KB. Laid down 1 single jt, POOH with 5 stands of tubing to place mill btm at 7,261'.
15:00	16:00	Rig down equipment and SDFN
16:00	17:00	Travel to Price, Utah.
17:00	0:00	Leave 2 men on site over night to continuously pump 45 bbls/hr of water down tubing annulus through 2" side outlet in casing bowl. Secure well.

FLUID SUMMARY (BBLs)	Water	Oil	DAILY COST ANALYSIS	
TOTAL FLUID HAULED TO LEASE			SERVICE	AMOUNT
TOTAL FLUID HAULED FROM LEASE			Professional Well Service - rig charges	\$ 5,090.00
FLUIDS IN TANKS	2450		A-1 Rentals (loader)	\$ 250.00
TOTAL LOAD FLUID			High Tech Tools (11" BOPs)	\$ 1,000.00
RECOVERY LAST 24 HRS.			A-1 Rentals (Gen Set at 1A-18 for H2O)	\$ 140.00
CUMULATIVE RECOVERY			Professional Well Serv (overnight crew)	\$ 1,720.00
(+) Load fluid: (-) for new fluid.			RBS Fishing (today)	\$ 12,500.00
GAS PRODUCED LAST 24 HRS				
CUMULATIVE GAS PRODUCED				
GAS FLARED LAST 24 HRS				
CUMULATIVE GAS FLARED (hrs)				
ESTIMATED WATER PUMPED INTO WELL TO DATE: (1st 3 days, pumping rate was 120 bbl/hr. slowed pumping rate down to 45 bbl/hr at end of day and well appears to be staying "dead")	19440	bbls		
	Daily	Accum	DAILY TOTAL	\$ 20,700.00
			PREVIOUS TOTAL	\$ 250,735.00
Rig Hours:	6	118.5	CUMULATIVE TOTAL	\$ 271,435.00
SUPERVISOR:	BARRY BRUMWELL		AFE TOTAL	

GORDON CREEK, LLC.

1179 E. MAIN, #345 PRICE, UTAH 84501

WELL NAME		GORDON CREEK UNIT #1 4-19-14-8		DATE	28-Nov-2011
LEASE #		ML-46539		DAY NO.	16
PROJECT		WORKOVER TO CHANGE INJECTION STRING		AFE #	11WRK001
PERFORATION (s)		FERRON:	3,262' - 3,290'	TD	11781'
		NAVAJO:	8,464' - 8,494' 8,590' - 8,616' 8,687' - 8,692'	PBTD	8,660'
29-Nov-2011	08:00 hrs.	POOH to run overshot and grapple to try to pull stck seal assy		Rig & Num	PROFESSIONAL #7
API #:	43-007-30044			H2S	NONE
Lease & road condition		Fair, muddy		Temp	31° F
FROM	TO	DETAILED DESCRIPTION OF DAILY OPERATIONS			
12:00	6:00	2 man night crew stayed on location to supervise pumping operations for well control purposes.			
6:00	7:00	Travel to location from Price, Utah SICP = not taken - pumping down annulus. Inj string SITP = vacuum			
7:00	7:15	Held safety meeting with all personnel on site, start and warm up equipment.			
7:15		RIH with 10 jts of 2 7/8' work string tubing and picked up power swivel. RU Precision Air foam units. Pressure tested all lines, repair leaks. Rig to and commence pumping air/foam. Circulated for 1 hr 45 mins - could not push water out of well even at 1,600 psi surface pressure on the air/foam. Lower final jt of tubing and tag obstruction at 7,595'. Worked down to 7,601'. Bottomed out on very solid object (should have been the top of the packer). Circulated foam for 1 hr 45 mins while working pipe up and down to above milled area to 7,600'. NO RETURNS THROUGHOUT			
14:30		Pumped 10 bbls of water down the tubing, shut down the air equipment and flowed tubing back to the rig tank to kill the well. Racked back the power swivel and laid down one jt of tubing. POOH with 60 stands of tubing, tallying OOH. stands of tubing to place mill btm at 7,261'.			
17:30	18:00	Rig down equipment and SDFN			
18:00	19:00	Travel to Price, Utah.			
18:00	0:00	Leave 2 men on site over night to continuously pump 45 bbls/hr of water down tubing annulus through 2" side outlet in casing bowl. Secure well.			
FLUID SUMMARY (BBLs)		Water	Oil	DAILY COST ANALYSIS	
TOTAL FLUID HAULED TO LEASE				SERVICE	AMOUNT
TOTAL FLUID HAULED FROM LEASE				Professional Well Service - rig charges	\$ 5,985.00
FLUIDS IN TANKS		2300		A-1 Rentals (loader)	\$ 250.00
TOTAL LOAD FLUID				High Tech Tools (11" BOPs)	\$ 1,000.00
RECOVERY LAST 24 HRS.				A-1 Rentals (Gen Set at 1A-18 for H2O)	\$ 140.00
CUMULATIVE RECOVERY				Professional Well Serv (overnight crew)	\$ 1,560.00
(+) Load fluid: (-) for new fluid.				RBS Fishing (today)	\$ 8,000.00
GAS PRODUCED LAST 24 HRS				High Tech Tools (Work string to date)	\$ 14,989.82
CUMULATIVE GAS PRODUCED				Precision Air (Foam pumping)	\$ 9,500.00
GAS FLARED LAST 24 HRS					
CUMULATIVE GAS FLARED (hrs)					
ESTIMATED WATER PUMPED INTO WELL TO DATE:		20250	bbls		
(1st 3 days, pumping rate was 120 bbl/hr. slowed pumping rate down to 45 bbl/hr at end of day and well appears to be staying "dead")					
		Daily	Accum	DAILY TOTAL	\$ 41,424.82
				PREVIOUS TOTAL	\$ 271,435.00
Rig Hours:		6	124.5	CUMULATIVE TOTAL	\$ 312,859.82
SUPERVISOR:		BARRY BRUMWELL		AFE TOTAL	

GORDON CREEK, LLC.

1179 E. MAIN, #345 PRICE, UTAH 84501

WELL NAME		GORDON CREEK UNIT #1 4-19-14-8		DATE	29-Nov-2011
LEASE #		ML-46539		DAY NO.	17
PROJECT		WORKOVER TO CHANGE INJECTION STRING		AFE #	11WRK001
PERFORATION (s)		FERRON:	3,262' - 3,290'	TD	11781'
		NAVAJO:	8,464' - 8,494' 8,590' - 8,616' 8,687' - 8,692'	PBTD	8,660'
30-Nov-2011	08:00 hrs.	POOH to runovershot and grapple		Rig & Num	PROFESSIONAL #7
API #:	43-007-30044			H2S	NONE
Lease & road condition				Temp	
FROM	TO	DETAILED DESCRIPTION OF DAILY OPERATIONS			
12:00	6:00	2 man night crew stayed on location to supervise pumping operations for well control purposes.			
6:00	7:00	Travel to location from Price, Utah SICP = 50 psi. Fish string SITP = 200 psi			
7:00	7:15	Held safety meeting with all personnel on site, start and warm up equipment.			
7:15	8:00	Rig to and pump water down the tubing annulus to kill the well.			
8:00	11:30	POOH with work string and lay down 8 1/2" shoe and wash pipe.			
11:30		PU BHA: Series 70 short catch Overshot - 5 7/8" X 3 1/2" IF loaded with 3 1/8" OD catch basket grapple, BOWEN LBS Bumper Sub - 3 1/2" IF X 4 3/4" OD, BOWEN Jar - 3 1/2" IF X 4 3/4" OD, 4 -3 1/2" IF X 4 3/4" OD Drill Collars, BOWEN Intensifier - 3 1/2" IF X 4 3/4" OD, X/O Sub - 2 7/8" PH-6 X 3 1/2" IF			
12:00		RIH with 240 jts of 2 7/8" PH-6 work string tubing and tagged fish top at 7,595' and latch onto seal assy. Attempt to release seal assembly from packer with no luck. Released overshot and layed down 2 jts of work string tubng, then			
	17:30	POOH with another 40 jts of work string tubing leaving EOT at 6,379'. Secure well and SDFN.			
17:30	18:30	Travel to Price, Utah.			
18:30	0:00	Leave 2 men on site over night to continuously pump 45 bbls/hr of water down tubing annulus through 2" side outlet in casing bowl. Secure well.			
FLUID SUMMARY (BBLs)		Water	Oil	DAILY COST ANALYSIS	
TOTAL FLUID HAULED TO LEASE				SERVICE	AMOUNT
TOTAL FLUID HAULED FROM LEASE				Professional Well Service - rig charges	\$ 5,245.00
FLUIDS IN TANKS				A-1 Rentals (loader)	\$ 250.00
TOTAL LOAD FLUID				High Tech Tools (11" BOPs)	\$ 1,000.00
RECOVERY LAST 24 HRS.				A-1 Rentals (Gen Set at 1A-18 for H2O)	\$ 140.00
CUMULATIVE RECOVERY				Professional Well Serv (overnight crew)	\$ 1,560.00
(+) Load fluid: (-) for new fluid.				RBS Fishing (today)	\$ 8,700.00
GAS PRODUCED LAST 24 HRS				High Tech Tools (Work string)	\$ 2,131.00
CUMULATIVE GAS PRODUCED				Larry Rich (Consulting Fee)	\$ 1,500.00
GAS FLARED LAST 24 HRS				Precision Air Drilling (Standby)	\$ 2,100.00
CUMULATIVE GAS FLARED (hrs)					
ESTIMATED WATER PUMPED INTO WELL TO DATE:		21330	bbls		
(1st 3 days, pumping rate was 120 bbl/hr. slowed pumping rate down to 45 bbl/hr at end of day and well appears to be staying "dead")					
				DAILY TOTAL	\$ 22,626.00
		Daily	Accum	PREVIOUS TOTAL	\$ 312,859.82
Rig Hours:		10.5	135	CUMULATIVE TOTAL	\$ 335,485.82
SUPERVISOR:		LARRY RICH		AFE TOTAL	

GORDON CREEK, LLC.

1179 E. MAIN, #345 PRICE, UTAH 84501

WELL NAME		GORDON CREEK UNIT #1 4-19-14-8	DATE	30-Nov-2011
LEASE #		ML-46539	DAY NO.	18
PROJECT		WORKOVER TO CHANGE INJECTION STRING	AFE #	11WRK001
PERFORATION (s)		FERRON: 3,262' - 3,290'	TD	11781'
		NAVAJO: 8,464' - 8,494' 8,590' - 8,616' 8,687' - 8,692'	PBTD	8,660'
1-Dec-2011	08:00 hrs.	RIH with washover shoe and stage into hole with foam	Rig & Num	PROFESSIONAL #7
API #:	43-007-30044		H2S	NONE
Lease & road condition			Temp	

FROM	TO	DETAILED DESCRIPTION OF DAILY OPERATIONS
12:00	6:00	2 man night crew stayed on location to supervise pumping operations for well control purposes.
6:00	7:00	Travel to location from Price, Utah
7:00	7:15	Held safety meeting with all personnel on site, start and warm up equipment.
7:15	10:30	POOH with 2 7/8" work string
10:30		PU BHA: Washover Shoe: 8 1/2" HYD X 8 1/8" OD, Wash Pipe pup joint: 8 1/8" HYD, Top Bushing: 4 1/2" FH
	11:30	X 8 1/8" HYD, X/O Sub: 3 1/2" IF X 4 1/2" FH, LBS Bumper Sub - 3 1/2" IF X 4 3/4" OD, BOWEN Jar - 3 1/2" IF X 4 3/4" OD, 4 -3 1/2" IF X 4 3/4" OD Drill Collars, BOWEN Intensifier - 3 1/2" IF X 4 3/4" OD, X/O Sub - 2 7/8" PH-6 X 3 1/2" IF
11:30	13:30	RIH with 124 joints of 2 7/8" PH-6 work tubing, EOT at 4,023.85'. SDFN as it is too late to start blow down today.
13:30	14:30	Rig down rig, drain lines, secure well. NO CREW ON SITE OVERNIGHT AS DID NOT PUMP WATER INTO WELL. WILL USE FERRON PRESSURE TO ASSIST BLOWING WATER OUT OF WELL TOMORROW
15:30	16:30	Travel to Price, Utah.

FLUID SUMMARY (BBLs)	Water	Oil	DAILY COST ANALYSIS	
TOTAL FLUID HAULED TO LEASE			SERVICE	AMOUNT
TOTAL FLUID HAULED FROM LEASE			Professional Well Service - rig charges	\$ 4,790.00
FLUIDS IN TANKS			A-1 Rentals (loader)	\$ 250.00
TOTAL LOAD FLUID			High Tech Tools (11" BOPs)	\$ 1,000.00
RECOVERY LAST 24 HRS.			A-1 Rentals (Gen Set at 1A-18 for H2O)	\$ 140.00
CUMULATIVE RECOVERY			Professional Well Serv (overnight crew)	\$ -
(+) Load fluid: (-) for new fluid.			RBS Fishing (today)	\$ 6,400.00
GAS PRODUCED LAST 24 HRS			High Tech Tools (Work string)	\$ 2,131.00
CUMULATIVE GAS PRODUCED			Larry Rich (Consulting Fee)	\$ 1,500.00
GAS FLARED LAST 24 HRS			Precision Air Drilling (Standby)	\$ 2,100.00
CUMULATIVE GAS FLARED (hrs)				
ESTIMATED WATER PUMPED INTO WELL TO DATE: (1st 3 days, pumping rate was 120 bbl/hr. slowed pumping rate down to 45 bbl/hr at end of day and well appears to be staying "dead")	21690	bbls		
			DAILY TOTAL	\$ 18,311.00
	Daily	Accum	PREVIOUS TOTAL	\$ 335,485.82
Rig Hours:	10.5	135	CUMULATIVE TOTAL	\$ 353,796.82
SUPERVISOR:	LARRY RICH		AFE TOTAL	

GORDON CREEK, LLC.

1179 E. MAIN, #345 PRICE, UTAH 84501

WELL NAME		GORDON CREEK UNIT #1 4-19-14-8		DATE	1-Dec-2011
LEASE #		ML-46539		DAY NO.	19
PROJECT		WORKOVER TO CHANGE INJECTION STRING		AFE #	11WRK001
PERFORATION (s)		FERRON:	3,262' - 3,290'	TD	11781'
		NAVAJO:	8,464' - 8,494' 8,590' - 8,616' 8,687' - 8,692'	PBTD	8,660'
2-Dec-2011	08:00 hrs.	RIH with washover shoe and stage into hole with foam		Rig & Num	PROFESSIONAL #7
API #:	43-007-30044			H2S	NONE
Lease & road condition				Temp	

FROM	TO	DETAILED DESCRIPTION OF DAILY OPERATIONS
6:00	7:00	Travel to location from Price, Utah
7:00	7:15	Held safety meeting with all personnel on site, start and warm up equipment.
7:15	12:15	RU and thaw out Precision Air Drilling equipment and start unloading water from well at 9:50 AM. Pumped foam for 1 hour at 1,300 psi to break circ. Unloaded 130 bbls.
12:15	16:30	Shut down Prcision. Pump 5 bbl top kill down tubing. Trip In Hole with another 48 joints of 2 7/8" PH-6 work string tubing to 5,520.67'. Hooked up foam unit amd start unloading well again at 13:30 hrs. Pumped at 1,300 psi for 1 1/2 hrs to break circ. By 16:30 hrs had unloaded 140 bbls, well was still unloading at 650 psi. RD and release Precision Air Drilling.
16:30	17:30	Rig down rig, drain lines, secure well.
17:30	18:30	Travel to Price, Utah.
18:30	0:00	Leave 2 men on site over night to continuously pump 45 bbls/hr of water down tubing annulus through 2" side outlet in casing bowl. Secure well.

FLUID SUMMARY (BBLs)		Water	Oil	DAILY COST ANALYSIS	
				SERVICE	AMOUNT
TOTAL FLUID HAULED TO LEASE				Professional Well Service - rig charges	\$ 5,510.00
TOTAL FLUID HAULED FROM LEASE				A-1 Rentals (loader)	\$ 250.00
FLUIDS IN TANKS				High Tech Tools (11" BOPs)	\$ 1,000.00
TOTAL LOAD FLUID				A-1 Rentals (Gen Set at 1A-18 for H2O)	\$ 140.00
RECOVERY LAST 24 HRS.				Professional Well Serv (overnight crew)	\$ 1,600.00
CUMULATIVE RECOVERY				RBS Fishing (today)	\$ 6,200.00
(+) Load fluid: (-) for new fluid.				High Tech Tools (Work string)	\$ 2,131.00
GAS PRODUCED LAST 24 HRS				Larry Rich (Consulting Fee)	\$ 1,500.00
CUMULATIVE GAS PRODUCED				Precision Air Drilling (Standby)	\$ 3,510.00
GAS FLARED LAST 24 HRS				Nelco (water hauling)	\$ 660.00
CUMULATIVE GAS FLARED (hrs)				Haycock (diesel fuel for Precision Air)	\$ 3,629.00
ESTIMATED WATER PUMPED INTO WELL TO DATE:		22230	bbls		
(1st 3 days, pumping rate was 120 bbl/hr. slowed pumping rate down to 45 bbl/hr at end of day and well appears to be staying "dead")					
				DAILY TOTAL	\$ 26,130.00
				PREVIOUS TOTAL	\$ 353,796.82
Rig Hours:				CUMULATIVE TOTAL	\$ 379,926.82
SUPERVISOR:		Daily	Accum	AFE TOTAL	
		10.5	145.5		
		LARRY RICH			

GORDON CREEK, LLC.

1179 E. MAIN, #345 PRICE, UTAH 84501

WELL NAME		GORDON CREEK UNIT #1 4-19-14-8		DATE	4-Dec-2011
LEASE #		ML-46539		DAY NO.	22
PROJECT		WORKOVER TO CHANGE INJECTION STRING		AFE #	11WRK001
PERFORATION (s)		FERRON:	3,262' - 3,290'	TD	11781'
		NAVAJO:	8,464' - 8,494' 8,590' - 8,616' 8,687' - 8,692'	PBTD	8,660'
5-Dec-2011	08:00 hrs.	Load out fishing tools, run 60 arm caliper tools		Rig & Num	PROFESSIONAL #7
API #:	43-007-30044			H2S	NONE
Lease & road condition				Temp	
FROM	TO	DETAILED DESCRIPTION OF DAILY OPERATIONS			
6:00	7:00	Travel to location from Price, Utah SICP = 0 psi. SITP = 0 psi			
7:00	7:15	Held safety meeting with all personnel on site, start and warm up equipment.			
7:15		POOH with 220 jts of 2 7/8" PH-6 work string tubing and BHA - had to work and jar the fish past nearly every 9 5/8" casing collar - took 13 hours total to TOOH. At sfc, found several large pieces of broken packer slips riding out on packer entry guide. LD fishing BHA, Arrowset permanent packer and 22 joints of 2 3/8" injection string tubing in poor condition. Found the missing wireline tools lost on 11/20/2011 stuck in the 2 3/8" tail pipe. Lay down fishing tools.			
	17:30				
17:30	18:00	Rig down rig, drain lines, secure well.			
18:00	19:00	Travel to Price, Utah.			
18:00	0:00	Leave 2 men on site over night to continuously pump 45 bbls/hr of water down tubing annulus through 2" side outlet in casing bowl. Secure well.			
FLUID SUMMARY (BBLs)		Water	Oil	DAILY COST ANALYSIS	
TOTAL FLUID HAULED TO LEASE				SERVICE	AMOUNT
TOTAL FLUID HAULED FROM LEASE				Professional Well Service - rig charges	\$ 5,385.00
FLUIDS IN TANKS				A-1 Rentals (loader)	\$ 250.00
TOTAL LOAD FLUID				High Tech Tools (11" BOPs)	\$ 1,000.00
RECOVERY LAST 24 HRS.				A-1 Rentals (Gen Set at 1A-18 for H2O)	\$ 140.00
CUMULATIVE RECOVERY				Professional Well Serv (overnight crew)	\$ 1,600.00
(+) Load fluid: (-) for new fluid.				RBS Fishing (today)	\$ 6,200.00
GAS PRODUCED LAST 24 HRS				High Tech Tools (Work string)	\$ 2,500.00
CUMULATIVE GAS PRODUCED				Larry Rich (Consulting Fee)	\$ 1,500.00
GAS FLARED LAST 24 HRS				Professional Well Serv (trucking)	\$ 1,615.00
CUMULATIVE GAS FLARED (hrs)					
ESTIMATED WATER PUMPED INTO WELL TO DATE:		24210	bbls		
(1st 3 days, pumping rate was 120 bbl/hr. slowed pumping rate down to 45 bbl/hr at end of day and well appears to be staying "dead")					
				DAILY TOTAL	\$ 20,190.00
		Daily	Accum	PREVIOUS TOTAL	\$ 418,807.82
Rig Hours:		11	177	CUMULATIVE TOTAL	\$ 438,997.82
SUPERVISOR:		LARRY RICH		AFE TOTAL	

GORDON CREEK, LLC.

1179 E. MAIN, #345 PRICE, UTAH 84501

WELL NAME	GORDON CREEK UNIT #1 4-19-14-8		DATE	5-Dec-2011
LEASE #	ML-46539		DAY NO.	23
PROJECT	WORKOVER TO CHANGE INJECTION STRING		AFE #	11WRK001
PERFORATION (s)	FERRON:	3,262' - 3,290'	TD	11781'
	NAVAJO:	8,464' - 8,494' 8,540 - 8,566', 8,590' - 8,616' 8,687' - 8,692'	PBTD	8,660'
6-Dec-2011	08:00 hrs.	RIH with 9 5/8" casing milling tools	Rig & Num	PROFESSIONAL #7
API #:	43-007-30044		H2S	NONE
Lease & road condition			Temp	

FROM	TO	DETAILED DESCRIPTION OF DAILY OPERATIONS
6:00	7:00	Travel to location from Price, Utah SICP = 0 psi. SITP = 0 psi
7:00	7:15	Held safety meeting with all personnel on site, start and warm up equipment.
7:15		NU 11" X 7" flange onto top of BOP's. MORU Rocky Mountain Wireline and MU their 60 arm caliper casing inspection tools. RIH with 60 F MIT/GR/CCL from 8,500' to surface.
NOTE PLACED IN FILE BY BARRY BRUMWELL:		
THERE WAS MISINFORMATION ON THE TOTAL DEPTH THE TOOLS WERE TO BE RUN TO. THEY SHOULD HAVE BEEN RUN TO PBTD OF 8,660' BUT THERE WAS MISCOMMUNICATION BETWEEN MYSELF AND THE RMWS REP - THAT INCORRECT INFORMATION WAS PASSED ONTO THE RMWS WIRELINE OPERATOR AND NOT QUESTIONED BY THE GCLLC SUPERVISOR - THUS THE REASON THE LOGS ONLY GO TO 8,500'		
		RD logging tools. PU, MU and RIH with 4.000" expendable casing guns and tag fill at 8,567'. Call Barry Brumwell to discuss. Decided to use this gun to perforate the "middle zone" from 8,540' - 8,566' with 26' of 4" guns loaded with 25 gram charges at 4 s.p.f. on 60° phasing with 0.41" EH. POOH - all shots fired. Rig down wireline unit and
	14:30	park unit to side of location to wait on well cleanout operations.
14:30	15:00	Rig down rig, drain lines, secure well.
15:00	16:00	Travel to Price, Utah.
16:00	0:00	Leave 2 men on site over night to continuously pump 45 bbls/hr of water down tubing annulus through 2" side outlet in casing bowl. Secure well.

FLUID SUMMARY (BBLs)	Water	Oil	DAILY COST ANALYSIS	
			SERVICE	AMOUNT
TOTAL FLUID HAULED TO LEASE			Professional Well Service - rig charges	\$ 4,545.00
TOTAL FLUID HAULED FROM LEASE			A-1 Rentals (loader)	\$ 250.00
FLUIDS IN TANKS			High Tech Tools (11" BOPs)	\$ 1,000.00
TOTAL LOAD FLUID			A-1 Rentals (Gen Set at 1A-18 for H2O)	\$ 140.00
RECOVERY LAST 24 HRS.			Professional Well Serv (overnight crew)	\$ 1,720.00
CUMULATIVE RECOVERY			RBS Fishing (today)	\$ 2,100.00
(+) Load fluid: (-) for new fluid.			High Tech Tools (Work string)	\$ 2,500.00
GAS PRODUCED LAST 24 HRS			Larry Rich (Consulting Fee)	\$ 1,500.00
CUMULATIVE GAS PRODUCED			Rocky Mtn Wireline Serv (csg insp log)	\$ 15,000.00
GAS FLARED LAST 24 HRS			Rocky Mtn Wireline Serv (perforating)	\$ 6,800.00
CUMULATIVE GAS FLARED (hrs)				
ESTIMATED WATER PUMPED INTO WELL TO DATE:	25020	bbls		
(1st 3 days, pumping rate was 120 bbl/hr. slowed pumping rate down to 45 bbl/hr at end of day and well appears to be staying "dead")				
			DAILY TOTAL	\$ 35,555.00
	Daily	Accum	PREVIOUS TOTAL	\$ 438,997.82
Rig Hours:	8	185	CUMULATIVE TOTAL	\$ 474,552.82
SUPERVISOR:	LARRY RICH		AFE TOTAL	

GORDON CREEK, LLC.

1179 E. MAIN, #345 PRICE, UTAH 84501

WELL NAME		GORDON CREEK UNIT #1 4-19-14-8		DATE	9-Dec-2011
LEASE #		ML-46539		DAY NO.	27
PROJECT		WORKOVER TO CHANGE INJECTION STRING		AFE #	11WRK001
PERFORATION (s)		FERRON:	3,262' - 3,290'	TD	11781'
		NAVAJO:	8,464' - 8,494' 8,540 - 8,566', 8,590' - 8,616' 8,687' - 8,692'	PBTD	8,660'
10-Dec-2011	08:00 hrs.	POOH with cleanout assembly		Rig & Num	PROFESSIONAL #7
API #:	43-007-30044			H2S	NONE
Lease & road condition				Temp	
FROM	TO	DETAILED DESCRIPTION OF DAILY OPERATIONS			
6:00	7:00	Travel to location from Price, Utah SICP = 205 psi. SITP = 50 psi			
7:00	7:15	Held safety meeting with all personnel on site, start and warm up equipment.			
7:15		Broke circulation with N2 unit, pumped a 10 bbl sweep with rig pump. Tagged obstruction at 8,571', drill down approximately 3' to 8,574' and fell through bridge. Washed down joint #271 and pumped a 15 bbl kill down tubing.			
		Washed down joint #272 and pumped a 15 bbl kill down tubing. Washed down joint #273 and pumped a 15 bbl kill down tubing. Washed down joint #274 and tagged up at 8,657' tubing tally. Pumped a 30 bbl sweep			
		and then circulated the well clean with N2. Pumped a total of 523,000 SCF of N2. Pumped a 30 bbl kill down tubing.			
	16:30	Racked out power swivel and layed down 24 joints of 2 7/8" PH-6 work string tubing. Hook up rig pump to casing side outlet and call out night crew to pump fresh water to keep well killed. EOT at 7,928			
16:30	17:30	SDFN, rig down rig, drain lines, secure well.			
17:30	18:30	Travel to Price, Utah.			
18:30	0:00	Leave 2 men on site over night to continuously pump 45 bbls/hr of water down tubing annulus through 2" side outlet in casing bowl. Secure well.			
FLUID SUMMARY (BBLs)		Water	Oil	DAILY COST ANALYSIS	
TOTAL FLUID HAULED TO LEASE				SERVICE	AMOUNT
TOTAL FLUID HAULED FROM LEASE				Professional Well Service - rig charges	\$ 5,845.00
FLUIDS IN TANKS				A-1 Rentals (loader)	\$ 250.00
TOTAL LOAD FLUID				High Tech Tools (11" BOPs)	\$ 1,000.00
RECOVERY LAST 24 HRS.				A-1 Rentals (Gen Set at 1A-18 for H2O)	\$ 140.00
CUMULATIVE RECOVERY				Professional Well Serv (overnight crew)	\$ 1,600.00
(+) Load fluid: (-) for new fluid.				RBS Fishing (today)	\$ 5,500.00
GAS PRODUCED LAST 24 HRS				High Tech Tools (Work string)	\$ 2,500.00
CUMULATIVE GAS PRODUCED				Larry Rich (Consulting Fee)	\$ 1,500.00
GAS FLARED LAST 24 HRS				Dalbo Tanks	\$ 2,000.00
CUMULATIVE GAS FLARED (hrs)				Ace West N2	\$ 45,000.00
ESTIMATED WATER PUMPED INTO WELL TO DATE:		26550	bbls		
(1st 3 days, pumping rate was 120 bbl/hr. slowed pumping rate down to 45 bbl/hr at end of day and well appears to be staying "dead")					
				DAILY TOTAL	\$ 65,335.00
		Daily	Accum	PREVIOUS TOTAL	\$ 561,636.00
Rig Hours:		10.5	222	CUMULATIVE TOTAL	\$ 626,971.00
SUPERVISOR:		LARRY RICH		AFE TOTAL	

GORDON CREEK, LLC.

1179 E. MAIN, #345 PRICE, UTAH 84501

WELL NAME		GORDON CREEK UNIT #1 4-19-14-8		DATE	10-Dec-2011
LEASE #		ML-46539		DAY NO.	28
PROJECT		WORKOVER TO CHANGE INJECTION STRING		AFE #	11WRK001
PERFORATION (s)		FERRON:	3,262' - 3,290'	TD	11781'
		NAVAJO:	8,464' - 8,494' 8,540 - 8,566', 8,590' - 8,616' 8,687' - 8,692'	PBTD	8,660'
11-Dec-2011	08:00 hrs.	Lay down work string - FISHING OPERATIONS COMPLETED		Rig & Num	PROFESSIONAL #7
API #:	43-007-30044			H2S	NONE
Lease & road condition				Temp	
FROM	TO	DETAILED DESCRIPTION OF DAILY OPERATIONS			
6:00	7:00	Travel to location from Price, Utah SICIP = 250 psi. SITP = 0 psi			
7:00	7:15	Held safety meeting with all personnel on site, start and warm up equipment.			
7:15		Increased water injection rate to 1.5 BPM while POOH. With EOT at 4,327', the Casing Pressure was 200 psi. Shut down Ops and install TIW valve. Killed well with 400 bbls of produced water. Continue to TOOH. Layed down fishing BHA and load out Fisherman.			
	14:00				
14:00	15:00	NU 11" X 7" spool onto BOP in preparation for perforating in the AM. SDFN, rig down rig, drain lines, secure well.			
15:00	16:00	Travel to Price, Utah.			
18:30	0:00	Leave 2 men on site over night to continuously pump 45 bbls/hr of water down tubing annulus through 2" side outlet in casing bowl. Secure well.			
FLUID SUMMARY (BBLs)		Water	Oil	DAILY COST ANALYSIS	
TOTAL FLUID HAULED TO LEASE				SERVICE	AMOUNT
TOTAL FLUID HAULED FROM LEASE				Professional Well Service - rig charges	\$ 5,145.00
FLUIDS IN TANKS				A-1 Rentals (loader)	\$ 250.00
TOTAL LOAD FLUID				High Tech Tools (11" BOPs)	\$ 1,000.00
RECOVERY LAST 24 HRS.				A-1 Rentals (Gen Set at 1A-18 for H2O)	\$ 140.00
CUMULATIVE RECOVERY				Professional Well Serv (overnight crew)	\$ 1,800.00
(+) Load fluid: (-) for new fluid.				RBS Fishing (today)	\$ 7,000.00
GAS PRODUCED LAST 24 HRS				High Tech Tools (Work string)	\$ 2,500.00
CUMULATIVE GAS PRODUCED				Larry Rich (Consulting Fee)	\$ 1,500.00
GAS FLARED LAST 24 HRS				Dalbo Tanks	\$ 2,000.00
CUMULATIVE GAS FLARED (hrs)					
ESTIMATED WATER PUMPED INTO WELL TO DATE:		28350	bbls		
(1st 3 days, pumping rate was 120 bbl/hr. slowed pumping rate down to 45 bbl/hr at end of day and well appears to be staying "dead")					
				DAILY TOTAL	\$ 21,335.00
		Daily	Accum	PREVIOUS TOTAL	\$ 626,971.00
Rig Hours:		8	230	CUMULATIVE TOTAL	\$ 648,306.00
SUPERVISOR:		LARRY RICH		AFE TOTAL	

GORDON CREEK, LLC.

1179 E. MAIN, #345 PRICE, UTAH 84501

WELL NAME		GORDON CREEK UNIT #1 4-19-14-8		DATE	11-Dec-2011
LEASE #		ML-46539		DAY NO.	29
PROJECT		WORKOVER TO CHANGE INJECTION STRING		AFE #	11WRK001
PERFORATION (s)		FERRON:	3,262' - 3,290'	TD	11781'
		NAVAJO:	8,464' - 8,494' 8,540 - 8,566', 8,590' - 8,616' 8,687' - 8,692'	PBTD	8,660'
12-Dec-2011	08:00 hrs.	Repair Wellhead		Rig & Num	PROFESSIONAL #7
API #:	43-007-30044			H2S	NONE
Lease & road condition				Temp	
FROM	TO	DETAILED DESCRIPTION OF DAILY OPERATIONS			
6:00	7:00	Travel to location from Price, Utah SICP = 250 psi. SITP = 0 psi			
7:00	7:15	Held safety meeting with all personnel on site, start and warm up equipment.			
7:15		TIH with 60 stds of 2 7/8" PH-6 work string tubing. POOH laying down 120 joints of 2 7/8" PH-6 work string tubing.			
		TIH with 33 stds of 2 7/8" PH-6 work string tubing. POOH laying down 66 joints of 2 7/8" PH-6 work string tubing.			
		Dig down around 9 5/8" casing head and down to 13 3/8" casing head. The 13 3/8" packoff around the 9 5/8" casing is leaking a little, hammer to tighten. The 9 5/8" casing head is screwed onto the 9 5/8" casing and is loose.			
	16:00	Dug down to bull plug on 13 3/8" casing head.			
16:00	16:30	SDFN, rig down rig, drain lines, secure well.			
16:30	17:30	Travel to Price, Utah.			
16:30	0:00	Leave 2 men on site over night to continuously pump 45 bbls/hr of water down tubing annulus through 2" side outlet in casing bowl. Secure well.			
FLUID SUMMARY (BBLs)		Water	Oil	DAILY COST ANALYSIS	
TOTAL FLUID HAULED TO LEASE				SERVICE	AMOUNT
TOTAL FLUID HAULED FROM LEASE				Professional Well Service - rig charges	\$ 5,065.00
FLUIDS IN TANKS				A-1 Rentals (loader)	\$ 250.00
TOTAL LOAD FLUID				High Tech Tools (11" BOPs)	\$ 1,000.00
RECOVERY LAST 24 HRS.				A-1 Rentals (Gen Set at 1A-18 for H2O)	\$ 140.00
CUMULATIVE RECOVERY				Professional Well Serv (overnight crew)	\$ 1,680.00
(+) Load fluid: (-) for new fluid.				High Tech Tools (Work string)	\$ 2,500.00
GAS PRODUCED LAST 24 HRS				Larry Rich (Consulting Fee)	\$ 1,500.00
CUMULATIVE GAS PRODUCED				Dalbo Tanks	\$ 2,000.00
GAS FLARED LAST 24 HRS					
CUMULATIVE GAS FLARED (hrs)					
ESTIMATED WATER PUMPED INTO WELL TO DATE:		29160	bbls		
(1st 3 days, pumping rate was 120 bbl/hr. slowed pumping rate down to 45 bbl/hr at end of day and well appears to be staying "dead")					
				DAILY TOTAL	\$ 14,135.00
		Daily	Accum	PREVIOUS TOTAL	\$ 648,306.00
	Rig Hours:	9.5	239.5	CUMULATIVE TOTAL	\$ 662,441.00
	SUPERVISOR:	LARRY RICH		AFE TOTAL	

GORDON CREEK, LLC.

1179 E. MAIN, #345 PRICE, UTAH 84501

WELL NAME		GORDON CREEK UNIT #1 4-19-14-8		DATE	12-Dec-2011
LEASE #		ML-46539		DAY NO.	30
PROJECT		WORKOVER TO CHANGE INJECTION STRING		AFE #	11WRK001
PERFORATION (s)		FERRON:	3,262' - 3,290'	TD	11781'
		NAVAJO:	8,464' - 8,494' 8,540 - 8,566', 8,590' - 8,616' 8,687' - 8,692'	PBTD	8,660'
13-Dec-2011	08:00 hrs.	Perforate and set permanent packer		Rig & Num	PROFESSIONAL #7
API #:	43-007-30044			H2S	NONE
Lease & road condition				Temp	

FROM	TO	DETAILED DESCRIPTION OF DAILY OPERATIONS
6:00	7:00	Travel to location from Price, Utah SICP = 250 psi. SITP = 0 psi
7:00	7:15	Held safety meeting with all personnel on site, start and warm up equipment.
7:15		Dug down to bull plug on 13 3/8" casing head to 2" line and valve on side of 13 3/8" head. Open valve - 0 pressure, 0 vacuum. Remove air lines from BOP's and tighten 9 5/8" head by rotating 11" BOP's - GOT 4 COMPLETE TURNS
	13:00	ON 9 5/8" CASING HEAD!!! MORU Millers Welding and weld 9 5/8" casing head solid to the 9 5/8" casing.
13:00		TIH with 30 stds of 2 7/8" PH-6 work string tubing. POOH laying down 60 joints of 2 7/8" PH-6 work string tubing.
	18:30	Move 2 7/8" PH-6 work string tubing to side of location. Set up pipe racks and start to move 4 1/2" tubing onto pipe racks. SDFN, rig down rig, drain lines, secure well.
18:30	19:30	Travel to Price, Utah.
18:30	0:00	Leave 2 men on site over night to continuously pump 45 bbls/hr of water down tubing annulus through 2" side outlet in casing bowl. Secure well.

FLUID SUMMARY (BBLs)	Water	Oil	DAILY COST ANALYSIS	
TOTAL FLUID HAULED TO LEASE			SERVICE	AMOUNT
TOTAL FLUID HAULED FROM LEASE			Professional Well Service - rig charges	\$ 5,245.00
FLUIDS IN TANKS			A-1 Rentals (loader)	\$ 250.00
TOTAL LOAD FLUID			High Tech Tools (11" BOPs)	\$ 1,000.00
RECOVERY LAST 24 HRS.			A-1 Rentals (Gen Set at 1A-18 for H2O)	\$ 140.00
CUMULATIVE RECOVERY			Professional Well Serv (overnight crew)	\$ 1,160.00
(+) Load fluid: (-) for new fluid.			High Tech Tools (Work string)	\$ 2,500.00
GAS PRODUCED LAST 24 HRS			Larry Rich (Consulting Fee)	\$ 1,500.00
CUMULATIVE GAS PRODUCED			Miller Welding	\$ 255.00
GAS FLARED LAST 24 HRS				
CUMULATIVE GAS FLARED (hrs)				
ESTIMATED WATER PUMPED INTO WELL TO DATE: (1st 3 days, pumping rate was 120 bbl/hr. slowed pumping rate down to 45 bbl/hr at end of day and well appears to be staying "dead")	29970	bbls		
			DAILY TOTAL	\$ 12,050.00
	Daily	Accum	PREVIOUS TOTAL	\$ 662,441.00
Rig Hours:	10.5	250	CUMULATIVE TOTAL	\$ 674,491.00
SUPERVISOR:	LARRY RICH		AFE TOTAL	

GORDON CREEK, LLC.

1179 E. MAIN, #345 PRICE, UTAH 84501

WELL NAME		GORDON CREEK UNIT #1 4-19-14-8		DATE	13-Dec-2011	
LEASE #		ML-46539		DAY NO.	31	
PROJECT		WORKOVER TO CHANGE INJECTION STRING		AFE #	11WRK001	
PERFORATION (s)		FERRON:	3,262' - 3,290'	TD	11781'	
		NAVAJO:	8,464' - 8,494' 8,540 - 8,566', 8,590' - 8,616' 8,687' - 8,692'	PBTD	8,660'	
14-Dec-2011	08:00 hrs.	Perforate and set permanent packer			Rig & Num	PROFESSIONAL #7
API #:	43-007-30044				H2S	NONE
Lease & road condition					Temp	

FROM	TO	DETAILED DESCRIPTION OF DAILY OPERATIONS
6:00	7:00	Travel to location from Price, Utah SICP = 25 psi. SITP = 0 psi
7:00	7:15	Held safety meeting with all personnel on site, start and warm up equipment.
7:15		MORU Rocky Mountain Wireline Service equipment. PU, MU and RIH with 4.000" expendable casing guns loaded with 25' of 25 gram charges at 4 s.p.f. on 60° phasing with 0.41" EH. Wireline operator and GCLLC Supervisor
	12:00	couldn't agree on correlation of guns, so it was decided to POOH and wait for Barry Brumwell to perforate well tomm.
12:00	13:30	Load 4 1/2" tubing onto pipe racks.
13:30	14:00	SDFN, rig down rig, drain lines, secure well.
14:00	15:00	Travel to Price, Utah.
14:00	0:00	Leave 2 men on site over night to continuously pump 45 bbls/hr of water down tubing annulus through 2" side outlet in casing bowl. Secure well.

FLUID SUMMARY (BBLs)		Water	Oil	DAILY COST ANALYSIS	
				SERVICE	AMOUNT
TOTAL FLUID HAULED TO LEASE				Professional Well Service - rig charges	\$ 4,265.00
TOTAL FLUID HAULED FROM LEASE				A-1 Rentals (loader)	\$ 250.00
FLUIDS IN TANKS				High Tech Tools (11" BOPs)	\$ 1,000.00
TOTAL LOAD FLUID				A-1 Rentals (Gen Set at 1A-18 for H2O)	\$ 140.00
RECOVERY LAST 24 HRS.				Professional Well Serv (overnight crew)	\$ 1,880.00
CUMULATIVE RECOVERY				Larry Rich (Consulting Fee)	\$ 1,500.00
(+) Load fluid: (-) for new fluid.				RBS Fishing Tools (cleanout bit)	\$ 2,500.00
GAS PRODUCED LAST 24 HRS					
CUMULATIVE GAS PRODUCED					
GAS FLARED LAST 24 HRS					
CUMULATIVE GAS FLARED (hrs)					
ESTIMATED WATER PUMPED INTO WELL TO DATE:		30780	bbls		
(1st 3 days, pumping rate was 120 bbl/hr. slowed pumping rate down to 45 bbl/hr at end of day and well appears to be staying "dead")					
		Daily	Accum	DAILY TOTAL	\$ 11,535.00
				PREVIOUS TOTAL	\$ 674,491.00
Rig Hours:		7	257	CUMULATIVE TOTAL	\$ 686,026.00
SUPERVISOR:		LARRY RICH		AFE TOTAL	

GORDON CREEK, LLC.

1179 E. MAIN, #345 PRICE, UTAH 84501

WELL NAME		GORDON CREEK UNIT #1 4-19-14-8		DATE	14-Dec-2011
LEASE #		ML-46539		DAY NO.	32
PROJECT		WORKOVER TO CHANGE INJECTION STRING		AFE #	11WRK001
PERFORATION (s)		FERRON:	3,262' - 3,290'	TD	11781'
		NAVAJO:	8,464'-8,494' 8,500-8,525' 8,540-8,566' 8,590'-8,616' 8,687'-8,692'	PBTD	8,660'
15-Dec-2011	08:00 hrs.	Run 4 1/2" Injection Tubing String		Rig & Num	PROFESSIONAL #7
API #:	43-007-30044			H2S	NONE
Lease & road condition				Temp	
FROM	TO	DETAILED DESCRIPTION OF DAILY OPERATIONS			
6:00	7:00	Travel to location from Price, Utah SICP = 0 psi. SITP = 0 psi			
7:00	7:15	Held safety meeting with all personnel on site, start and warm up equipment.			
7:15		MORU Rocky Mountain Wireline Service equipment. PU, MU and RIH with 4.000" expendable casing guns loaded with 25' of 25 gram charges at 4 s.p.f. on 60° phasing with 0.41" EH. Perforate the Navajo from 8,500' - 8,525'.			
		POOH - all shots fired. Lay down perforating equipment. Correlated to casing inspection log run 12/5/2011			
		PU MU and RIH with a Weatherford 9 5/8" X 4 3/4" UltraPak Permanent Seal Bore Production Packer (NON-LATCHING) and set the packer with wireline at 7,680' CENTER OF ELEMENT . POOH and lay down wireline tools. Rig out and release wireline unit.			
	13:30				
13:30	14:00	SDFN, rig down rig, drain lines, secure well.			
14:00	15:00	Travel to Price, Utah.			
14:00	0:00	Leave 2 men on site over night to continuously pump 45 bbls/hr of water down tubing annulus through 2" side outlet in casing bowl. Secure well.			
FLUID SUMMARY (BBLs)		Water	Oil	DAILY COST ANALYSIS	
TOTAL FLUID HAULED TO LEASE				SERVICE	AMOUNT
TOTAL FLUID HAULED FROM LEASE				Professional Well Service - rig charges	\$ 3,765.00
FLUIDS IN TANKS				A-1 Rentals (loader)	\$ 250.00
TOTAL LOAD FLUID				High Tech Tools (11" BOPs)	\$ 1,000.00
RECOVERY LAST 24 HRS.				A-1 Rentals (Gen Set at 1A-18 for H2O)	\$ 140.00
CUMULATIVE RECOVERY				Professional Well Serv (overnight crew)	\$ 1,880.00
(+) Load fluid: (-) for new fluid.				Rocky Mountain Wireline	\$ 11,000.00
GAS PRODUCED LAST 24 HRS				Weatherford Completions (packer)	\$ 18,000.00
CUMULATIVE GAS PRODUCED					
GAS FLARED LAST 24 HRS					
CUMULATIVE GAS FLARED (hrs)					
ESTIMATED WATER PUMPED INTO WELL TO DATE:		31590	bbls		
(1st 3 days, pumping rate was 120 bbl/hr. slowed pumping rate down to 45 bbl/hr at end of day and well appears to be staying "dead")					
		Daily	Accum	DAILY TOTAL	\$ 36,035.00
				PREVIOUS TOTAL	\$ 686,026.00
	Rig Hours:	7	264	CUMULATIVE TOTAL	\$ 722,061.00
	SUPERVISOR:	BARRY BRUMWELL		AFE TOTAL	

GORDON CREEK, LLC.

1179 E. MAIN, #345 PRICE, UTAH 84501

WELL NAME		GORDON CREEK UNIT #1 4-19-14-8		DATE	15-Dec-2011
LEASE #		ML-46539		DAY NO.	33
PROJECT		WORKOVER TO CHANGE INJECTION STRING		AFE #	11WRK001
PERFORATION (s)		FERRON:	3,262' - 3,290'	TD	11781'
		NAVAJO:	8,464'-8,494' 8,500-8,525' 8,540-8,566' 8,590'-8,616' 8,687'-8,692'	PBTD	8,660'
16-Dec-2011	08:00 hrs.	Run 4 1/2" Injection Tubing String		Rig & Num	PROFESSIONAL #7
API #:	43-007-30044			H2S	NONE
Lease & road condition				Temp	

FROM	TO	DETAILED DESCRIPTION OF DAILY OPERATIONS
6:00	7:00	Travel to location from Price, Utah SICP = 0 psi. SITP = 0 psi
7:00	7:15	Held safety meeting with all personnel on site, start and warm up equipment.
7:15	11:30	MORU Weatherford TRS casing running crew and equipment including pipe wrangler, computerized tongs and complete torque monitoring equipment setup. Rig in, test and calibrate all equipment.
11:30	17:00	MU and RIH with 1 - mule shoe joint + 17 joints of 4 1/2", 11.6 ppf, L-80, FJ4040 MMS flush joint tubing internally coated with Tuboscope TK-99 coating + Weatherford 4 3/4' locating (NON-LATCHING) Seal Assembly + 37 joints of 4 1/2" tubing above seal assembly. EOT = 2360' (NOTE: FILLED TUBING WITH WATER EVERY 5 JOINTS)
17:00	17:30	SDFN, rig down rig, drain lines, secure well.
17:30	18:30	Travel to Price, Utah.
17:30	0:00	Leave 2 men on site over night to continuously pump 45 bbls/hr of water down tubing annulus through 2" side outlet in casing bowl. Secure well.

FLUID SUMMARY (BBLs)	Water	Oil	DAILY COST ANALYSIS	
TOTAL FLUID HAULED TO LEASE			SERVICE	AMOUNT
TOTAL FLUID HAULED FROM LEASE			Professional Well Service - rig charges	\$ 5,245.00
FLUIDS IN TANKS			A-1 Rentals (loader)	\$ 250.00
TOTAL LOAD FLUID			High Tech Tools (11" BOPs)	\$ 1,000.00
RECOVERY LAST 24 HRS.			A-1 Rentals (Gen Set at 1A-18 for H2O)	\$ 140.00
CUMULATIVE RECOVERY			Professional Well Serv (overnight crew)	\$ 1,640.00
(+) Load fluid: (-) for new fluid.			Hardy Services (trucking)	\$ 7,500.00
GAS PRODUCED LAST 24 HRS				
CUMULATIVE GAS PRODUCED				
GAS FLARED LAST 24 HRS				
CUMULATIVE GAS FLARED (hrs)				
ESTIMATED WATER PUMPED INTO WELL TO DATE: (1st 3 days, pumping rate was 120 bbl/hr. slowed pumping rate down to 45 bbl/hr at end of day and well appears to be staying "dead")	32400	bbls		
			DAILY TOTAL	\$ 15,775.00
	Daily	Accum	PREVIOUS TOTAL	\$ 722,061.00
Rig Hours:	10.5	274.5	CUMULATIVE TOTAL	\$ 737,836.00
SUPERVISOR:	BARRY BRUMWELL		AFE TOTAL	

GORDON CREEK, LLC.

1179 E. MAIN, #345 PRICE, UTAH 84501

WELL NAME		GORDON CREEK UNIT #1 4-19-14-8		DATE	16-Dec-2011
LEASE #		ML-46539		DAY NO.	34
PROJECT		WORKOVER TO CHANGE INJECTION STRING		AFE #	11WRK001
PERFORATION (s)		FERRON:	3,262' - 3,290'	TD	11781'
		NAVAJO:	8,464'-8,494' 8,500-8,525' 8,540-8,566', 8,590'-8,616' 8,687'-8,692'	PBTD	8,660'
17-Dec-2011	08:00 hrs.	Run 2 3/8" Production Tubing String		Rig & Num	PROFESSIONAL #7
API #:	43-007-30044			H2S	NONE
Lease & road condition				Temp	
FROM	TO	DETAILED DESCRIPTION OF DAILY OPERATIONS			
6:00	7:00	Travel to location from Price, Utah SICIP = 0 psi. SITP = 0 psi			
7:00	7:15	Held safety meeting with all personnel on site, start and warm up equipment.			
7:15	18:00	Continue to PU, MU and RIH with 141 of 4 1/2", 11.6 ppf, L-80, FJ4040 MMS flush joint tubing internally coated with Tuboscope TK-99 Internal coating, filling with water every 10 joints. Space out to land seal assembly into permanent packer with 35,000# compression and into wellhead with wellhead hanger with a 4 1/2" LT&C landing joint. Align wellhead hanger. Rig out and release all Weatherford equipment and personnel.			
18:00	18:30	SDFN, rig down rig, drain lines, secure well.			
18:30	19:30	Travel to Price, Utah.			
DETAILS OF INJECTION TUBING STRING					
1 - 4 1/2" Aluminum Mule Shoe Assembly with shear plug installed (RUN IN PLACE) - WEATHERFORD					
18 - joints (774.91') of 4 1/2", 11.6 ppf, L-80, FJ4040 MMS flush joint tubing internally coated with TK-99					
1 - 4.00" ID X 4 3/4" OD Seal Assembly c/w 8.00' OD locator sub - WEATHERFORD					
178 - joints of 4 1/2", 11.6 ppf, L-80, FJ4040 MMS flush joint tubing internally coated with TK-99					
TUBING BOTTOM LANDED AT 8,457.71' KB					
PACKER AND SEAL ASSEMBLY LANDED AT 7,680' KB					
SEAL ASSEMBLY LANDED IN 35,000# COMPRESSION WITH AN ADDITIONAL 8,990# (plus weight of internal coating) of weight added - TOTAL EFFECTIVE COMPRESSION = 43,990# (plus COATING WT.)					
FLUID SUMMARY (BBLs)		Water	Oil	DAILY COST ANALYSIS	
TOTAL FLUID HAULED TO LEASE				SERVICE	AMOUNT
TOTAL FLUID HAULED FROM LEASE				Professional Well Service - rig charges	\$ 5,525.00
FLUIDS IN TANKS				A-1 Rentals (loader)	\$ 250.00
TOTAL LOAD FLUID				High Tech Tools (11" BOPs)	\$ 1,000.00
RECOVERY LAST 24 HRS.				A-1 Rentals (Gen Set at 1A-18 for H2O)	\$ 140.00
CUMULATIVE RECOVERY				Professional Well Serv (overnight crew)	\$ 1,160.00
(+) Load fluid: (-) for new fluid.				Weatherford TRS (casing handling)	\$ 14,500.00
GAS PRODUCED LAST 24 HRS				Weatherford TRS (tourque monitoring)	\$ 10,750.00
CUMULATIVE GAS PRODUCED				Weatherford Comp (tool hand)	\$ 7,100.00
GAS FLARED LAST 24 HRS				Hunting (4 1/2" tubing + trucking)	\$ 250,000.00
CUMULATIVE GAS FLARED (hrs)					
ESTIMATED WATER PUMPED INTO WELL TO DATE: (1st 3 days, pumping rate was 120 bbl/hr. slowed pumping rate down to 45 bbl/hr at end of day and well appears to be staying "dead")		32400	bbls		
				DAILY TOTAL	\$ 290,425.00
		Daily	Accum	PREVIOUS TOTAL	\$ 737,836.00
Rig Hours:		11.5	286	CUMULATIVE TOTAL	\$ 1,028,261.00
SUPERVISOR:		BARRY BRUMWELL		AFE TOTAL	

GORDON CREEK, LLC.

1179 E. MAIN, #345 PRICE, UTAH 84501

WELL NAME		GORDON CREEK UNIT #1 4-19-14-8		DATE	18-Dec-2011
LEASE #		ML-46539		DAY NO.	36 A
PROJECT		WORKOVER TO CHANGE INJECTION STRING		AFE #	11WRK001
PERFORATION (s)		FERRON:	3,262' - 3,290'	TD	11781'
		NAVAJO:	8,464'-8,494' 8,500-8,525' 8,540-8,566', 8,590'-8,616' 8,687'-8,692'	PBTD	8,660'
19-Dec-2011	08:00 hrs.	Run Pump and Rods		Rig & Num	PROFESSIONAL #7
API #:	43-007-30044			H2S	NONE
Lease & road condition				Temp	

FROM	TO	DETAILED DESCRIPTION OF DAILY OPERATIONS
6:00	7:00	Travel to location from Price, Utah SICP = 7 psi. SITP = 0 psi
7:00	7:15	Held safety meeting with all personnel on site, start and warm up equipment.
7:15		Bleed off pressure and pump 70 bbls of produced water down the tubing annulus. Nipple down BOP's and move off of well. Seaboard wellhead technician ground off shoulder of 2nd lip in McEvoy casing head. Test that tubing collar will pass - all clear. <i>NOTE THIS IS A TEMPORARY FIX AND THE 9 5/8' CASING HEAD SHOULD BE REPLACED</i>
	11:00	Nipple up BOP's and rig up rig floor.
11:00		Tally, <i>DRIFT</i> and RIH with 2 3/8" tubing as follows: 1 - 2 3/8" S&B EUE collar, 1 - 2 3/8", 4.7 ppf, J-55, S&B EUE "blue band" inspected joint, 1 - 2 3/8" X 4.10' perforated pup joint, 1 - 1.875" PSN, then 4 - 2 3/8", 4.7 ppf, J-55 S&B EUE "blue band" inspected tubing picked up off of the ground, <i>then started running stands of 2 3/8" tubing in from the derrick into the well. The tubing was about 1/2 way run into the well before it was discovered 11 stands of 2 3/8" injection tubing with regular EUE couplings and internal coating was run into the well, obviously forgotten over the past 36 days. It was decided that since the tubing drifted and was passing through the wellhead to continue on into the well. CAUTION SHOULD BE TAKEN WHEN PULLING THIS TUBING STRING DUE TO THE REGULAR EUE COUPLINGS ON THESE 22 JOINTS.</i> Continued to run 2 3/8" tubing and had to pick up 3 single joints of new 2 3/8", 4.7 ppf, J-55, EUE S&B tubing to land the tubing on depth.

SEE PAGE #2 OF THIS REPORT FOR THE REMAINDER OF THE DAY'S INFORMATION

FLUID SUMMARY (BBLs)	Water	Oil	DAILY COST ANALYSIS	
			SERVICE	AMOUNT
TOTAL FLUID HAULED TO LEASE				
TOTAL FLUID HAULED FROM LEASE				
FLUIDS IN TANKS				
TOTAL LOAD FLUID				
RECOVERY LAST 24 HRS.				
CUMULATIVE RECOVERY				
(+) Load fluid: (-) for new fluid.				
GAS PRODUCED LAST 24 HRS				
CUMULATIVE GAS PRODUCED				
GAS FLARED LAST 24 HRS				
CUMULATIVE GAS FLARED (hrs)				
ESTIMATED WATER PUMPED INTO WELL TO DATE: (1st 3 days, pumping rate was 120 bbl/hr. slowed pumping rate down to 45 bbl/hr at end of day and well appears to be staying "dead")	32400	bbls		
	Daily	Accum	DAILY TOTAL	
			PREVIOUS TOTAL	
Rig Hours:			CUMULATIVE TOTAL	
SUPERVISOR:	BARRY BRUMWELL		AFE TOTAL	

GORDON CREEK, LLC.

1179 E. MAIN, #345 PRICE, UTAH 84501

WELL NAME	GORDON CREEK UNIT #1 4-19-14-8		DATE	18-Dec-2011
LEASE #	ML-46539		DAY NO.	36 B
PROJECT	WORKOVER TO CHANGE INJECTION STRING		AFE #	11WRK001
PERFORATION (s)	FERRON:	3,262' - 3,290'	TD	11781'
	NAVAJO:	8,464'-8,494' 8,500-8,525' 8,540-8,566' , 8,590'-8,616' 8,687'-8,692'	PBTD	8,660'
19-Dec-2011	08:00 hrs.	Run Pump and Rods	Rig & Num	PROFESSIONAL #7
API #:	43-007-30044		H2S	NONE
Lease & road condition			Temp	

FROM	TO	DETAILED DESCRIPTION OF DAILY OPERATIONS
		DETAILS OF PRODUCTION TUBING STING
		1 - 2 3/8" EUE S&B COLLAR
		1 - joint of used (blue band) 2 3/8", 4.7 ppf, J-55, EUE S&B tubing
		1 - 2 3/8" X 4.10' PERFORATED PUP JOINT
		1 - 2 3/8" X 1.875" ID PSN
		4 - joints of used (blue band) 2 3/8", 4.7 ppf, J-55, EUE S&B tubing
		24 - joints of used (inspected) 2 3/8", 4.7 ppf, J-55, EUE REGULAR COUPLED tubing with TK-70 internal coating
		70 - joints of used (inspected) 2 3/8", 4.7 ppf, J-55, EUE S&B tubing
		3 - joints of NEW 2 3/8", 4.7 ppf, J-55, EUE S&B tubing
		End Of Tubing at 3,339.19' KB or 3,317.19' GL. PSN TOP at 3,302.01' KB or 3,280.01' GL
	14:00	Land tubing with Seaboard tubing hanger. ND BOP's and rig floor.
14:00	16:00	Seaboard wellhead technician installed and pressure tested complete dual completion wellhead to 1,800 psi.
16:00	17:00	Rig to and pressure test 4 1/2" injection tubing to 750 psi for 15 minutes, 1,000 psi for 15 minutes, 1,250 psi for 15 minutes and 1,500 psi for 15 minutes - held solid at each stage. Pressured up to 1,800 psi and sheared test plug out of bottom of 4 1/2" injection tubing string.
17:00	18:00	Start loading out equipment in preparation for rig move.
18:00	18:30	SDFN, rig down rig, drain lines, secure well.
18:30	19:30	Travel to Price, Utah.

FLUID SUMMARY (BBLs)	Water	Oil	DAILY COST ANALYSIS	
TOTAL FLUID HAULED TO LEASE			SERVICE	AMOUNT
TOTAL FLUID HAULED FROM LEASE			Professional Well Service - rig charges	\$ 5,420.00
FLUIDS IN TANKS			A-1 Rentals (loader)	\$ 250.00
TOTAL LOAD FLUID			High Tech Tools (11" BOPs)	\$ 1,000.00
RECOVERY LAST 24 HRS.			A-1 Rentals (Gen Set at 1A-18 for H2O)	\$ 140.00
CUMULATIVE RECOVERY			Professional Well Service - trucking	\$ 7,500.00
(+) Load fluid: (-) for new fluid.			Seaboard Intl - Wellhead	\$ 75,000.00
GAS PRODUCED LAST 24 HRS			Seaboard Intl - Wellhead Service Install	\$ 4,000.00
CUMULATIVE GAS PRODUCED				
GAS FLARED LAST 24 HRS				
CUMULATIVE GAS FLARED (hrs)				
ESTIMATED WATER PUMPED INTO WELL TO DATE:	32400	bbls		
(1st 3 days, pumping rate was 120 bbl/hr. slowed pumping rate down to 45 bbl/hr at end of day and well appears to be staying "dead")				
			DAILY TOTAL	\$ 93,310.00
	Daily	Accum	PREVIOUS TOTAL	\$ 1,033,916.00
Rig Hours:	11	304	CUMULATIVE TOTAL	\$ 1,127,226.00
SUPERVISOR:	BARRY BRUMWELL		AFE TOTAL	

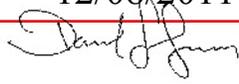
GORDON CREEK, LLC.

1179 E. MAIN, #345 PRICE, UTAH 84501

WELL NAME		GORDON CREEK UNIT #1 4-19-14-8		DATE	19-Dec-2011
LEASE #		ML-46539		DAY NO.	37
PROJECT		WORKOVER TO CHANGE INJECTION STRING		AFE #	11WRK001
PERFORATION (s)		FERRON:	3,262' - 3,290'	TD	11781'
		NAVAJO:	8,464'-8,494' 8,500-8,525' 8,540-8,566', 8,590'-8,616' 8,687'-8,692'	PBTD	8,660'
20-Dec-2011	08:00 hrs.	JOB COMPLETED		Rig & Num	PROFESSIONAL #7
API #:	43-007-30044			H2S	NONE
Lease & road condition				Temp	

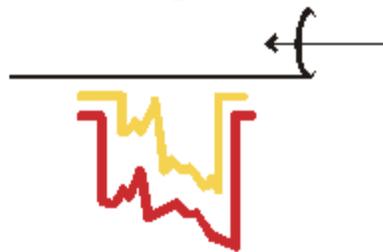
FROM	TO	DETAILED DESCRIPTION OF DAILY OPERATIONS
6:00	7:00	Travel to location from Price, Utah <i>SICP = 45 psi</i>
7:00	7:15	Held safety meeting with all personnel on site, start and warm up equipment.
7:15		Change over equipment on rig to rod handling equipment. Took off protectors and installed couplings onto rods. Pick up new Insert BHP - RWAC - 2" X 1.5" X 16' Sprayed Metyal Pump with Titanium/Carbide Valve, Steel/Chromed Barrel and 141" Stroke Length. Stroke up pump into 5 gallon bucket at surface. RIH with 10 - 1 1/4" Weight Bar rods below 119 #4" Plain Rods with Moulded Guides. Install 1 - 3/4" X 8', 1 - 3/4" X 6' amd 1 - 3/4" X 2' Pony Rods. Pick up and instal 1 - 1 1/2" X 22' Polished rod. Made up stuffing box, spaced out rods and tagged PSN. Filled tubing with water and pressure test tubing to 500 psi for 15 minutes. Bleed off pressure. Rig down pump and lines and drain all equipment.
	15:30	
15:30	17:30	Load equipment on trailers, rig down service rig, remove gut lines, chain up rig in preparation for rig move.
17:30	18:30	Drove rig and support equipment to Price, Utah. Removed chains.
		JOB COMPLETE

FLUID SUMMARY (BBLs)	Water	Oil	DAILY COST ANALYSIS	
TOTAL FLUID HAULED TO LEASE			SERVICE	AMOUNT
TOTAL FLUID HAULED FROM LEASE			Professional Well Service - rig charges	\$ 5,085.00
FLUIDS IN TANKS			A-1 Rentals (loader)	\$ 250.00
TOTAL LOAD FLUID			Miscellaneous - trucking	\$ 10,000.00
RECOVERY LAST 24 HRS.			Professional Well Service - rig move	\$ 3,500.00
CUMULATIVE RECOVERY			A-1 Rentals (overtime on generator)	\$ 5,000.00
(+) Load fluid: (-) for new fluid.			Weatherford (pump & rods)	\$ 23,000.00
GAS PRODUCED LAST 24 HRS			Tuboscope (work string inspection)	\$ 12,000.00
CUMULATIVE GAS PRODUCED			Miscellaneous - 2 % contingency	\$ 23,721.22
GAS FLARED LAST 24 HRS			IETI - Field Supervision	\$ 10,000.00
CUMULATIVE GAS FLARED (hrs)				
ESTIMATED WATER PUMPED INTO WELL TO DATE: (1st 3 days, pumping rate was 120 bbl/hr. slowed pumping rate down to 45 bbl/hr at end of day and well appears to be staying "dead")	32400	bbls		
			DAILY TOTAL	\$ 92,556.22
	Daily	Accum	PREVIOUS TOTAL	\$ 1,127,226.00
Rig Hours:	11	315	CUMULATIVE TOTAL	\$ 1,219,782.22
SUPERVISOR:	STEVE LESSAR		AFE TOTAL	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-46539
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: GORDON CREEK U 1	
2. NAME OF OPERATOR: GORDON CREEK, LLC	9. API NUMBER: 43007300440000	
3. ADDRESS OF OPERATOR: 1179 E Main #345, Price, UT, 84501	PHONE NUMBER: 403 453-1608 Ext	9. FIELD and POOL or WILDCAT: GORDON CREEK
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1517 FSL 1590 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 19 Township: 14.0S Range: 08.0E Meridian: S	COUNTY: CARBON	
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/12/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input checked="" type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>In relation to the Sundry approval for this well granted on September 13th, 2011, we were unable to retrieve the seal assembly from the permanent packer, which left the seal assembly and injection "tail pipe" below the packer "stuck in the hole". Upon receiving verbal approval from Dan Jarvis on Dec 1, 2011, we went ahead and milled off the slips that hold the permanent packer in place. We then went and latched on to the packer + seal assy + tail pipe and pulled them all out of the well. We are now going to do a clean out trip PBSD with an 8 1/2" mill before setting a new permanent packer into the well at a location near where the original permanent packer was originally set. Once that is done, well operation will continue as per the original Sundry granted on September 13th, 2011.</p>		
		Approved by the Utah Division of Oil, Gas and Mining Date: 12/08/2011  By: _____
NAME (PLEASE PRINT) Barry Brumwell	PHONE NUMBER 403 453-1608	TITLE Vice President-Operations
SIGNATURE N/A	DATE 12/6/2011	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/23/2012	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> SPUD REPORT Date of Spud:
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input type="text" value="Packer Isolation Test"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
Attached is the ProTechnics RA Tracer log pulled after injecting RA Tracer over 150 bbls of water injected into the subject well and displaced with 200 bbls of water. This log shows NO evidence of RA materials at the packer setting depth of 7680' (C.O.E.) proving good packer isolation, and NO RA materials in the well anywhere above the Navajo perforations. All RA materials have been deposited into the Navajo perforations, proving ALL water injected into the well is indeed being injected INTO the Navajo formation. This work was witnessed on-site by Mark Jones of DOGM.		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 29, 2012
NAME (PLEASE PRINT) Barry Brumwell	PHONE NUMBER 403 453-1608	TITLE Vice President-Operations
SIGNATURE N/A	DATE 5/29/2012	

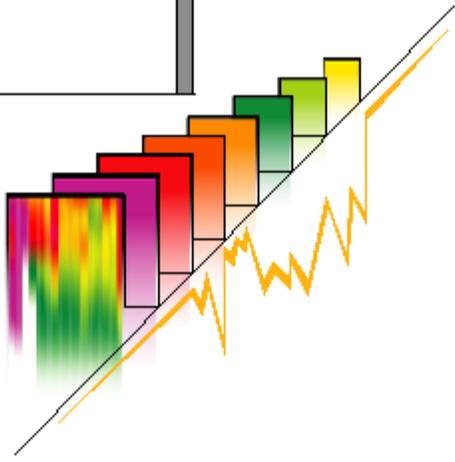
SPECTRASCAN™



Company Gordon Creek LLC
Well Gordon Creek Unit #1
Field Gordon Creek
County Carbon
State Utah

Location Sec. 19 Twp. 14S Rge. 8E
 API #43-007-30044

Elevations **KB** 7494' **DF** 7493' **GL** 7472'



Date Processed	May/24/2012	Logs Processed	SpectraScan
Job Number	221518	Date Logged	May/23/2012
Interval Processed	7220' - 8612'	Type Fluid In Hole	N/A
Processed By	S. Justice	Location	Vernal
Processed At	Houston	Computer Processed Product	



----- Fold Here -----

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments:
 Recorded by: L. Healy
 Traced by: C. Baca
 Proposal ID #37704

Well Information

Production String: 9.625 [in] 47 [lb/ft] Top: 0 [ft] Bottom: 11781 [ft]

Tubing: 4.5 [in] 11.6 [lb/ft] Top: 0 [ft] Bottom: 8448 [ft]

Tracer Information

Stage 1

Formation: Navajo

Perforations: 8464-8494 ft (Intended Interval)

8500-8525; 8540-8566; 8590-8616 ft (Other perms in well)

Treatment Date: May/23/2012

Tracers	Form	Type	Amount	Concentration	Total Activity
Sc-46 L.D. Zero Wash	Solid	Disposal Water	6,300 gal	0.48 mCi/1000 gal	3.0 mCi

Service Company: Gordon Creek LLC

Treatment: Pump injection test at an average of 0 psi (well on a vacuum) @ 5 bpm.

Pump a total of 24,800 gal of disposal water (6,300 gal traced).

GR PASS 1		
0	[API]	150

GR PASS 2		
0	[API]	150

GR		
0	[API]	150

SCRD		
0	[IN]	25

CCL		
0		270

Rel. Lithology

Scandium

Scandium		
10000		0

Bore Hole

Rel. Lithology

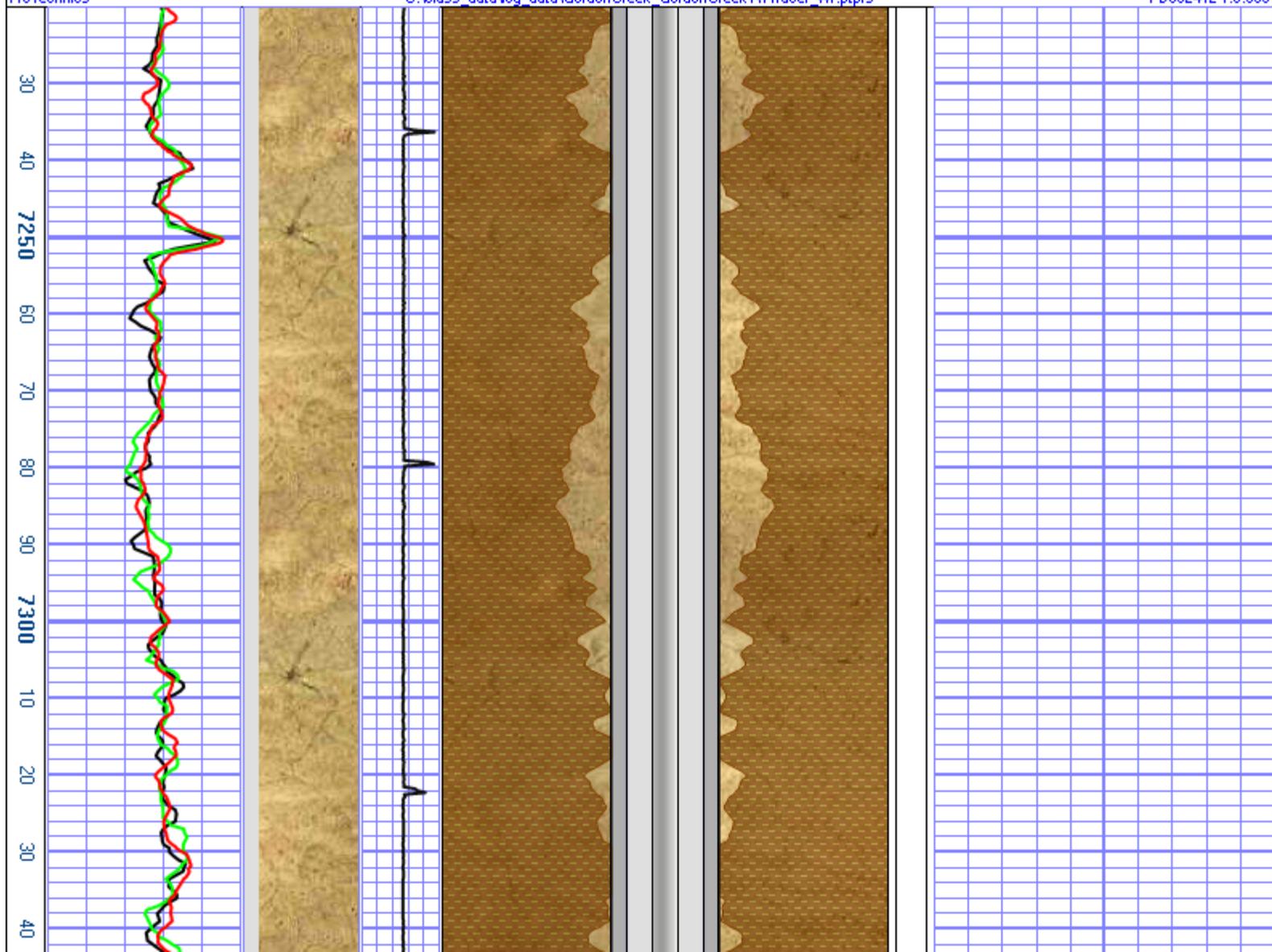
Scandium

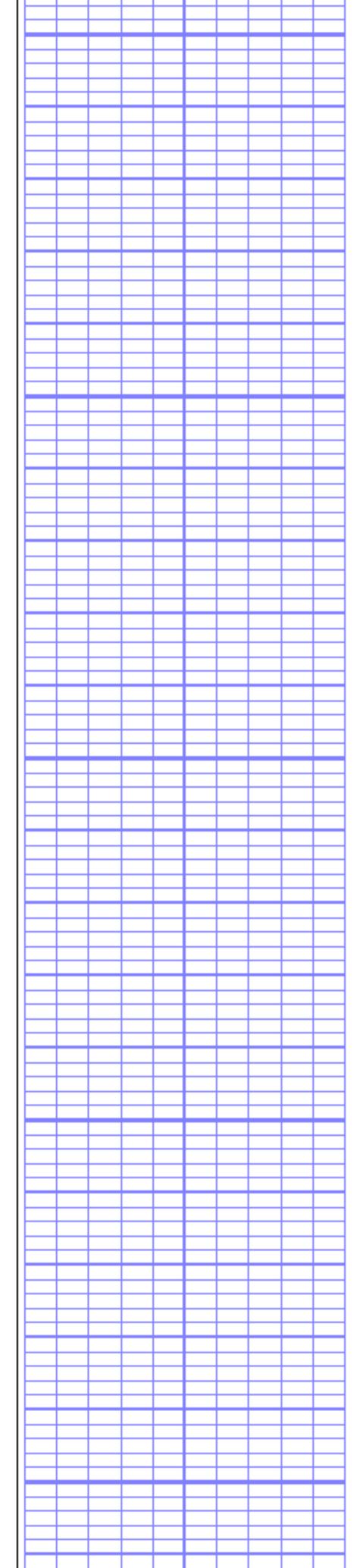
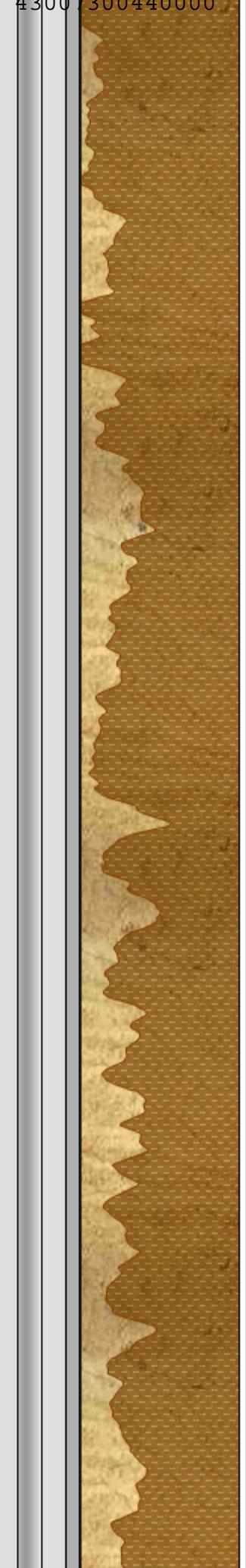
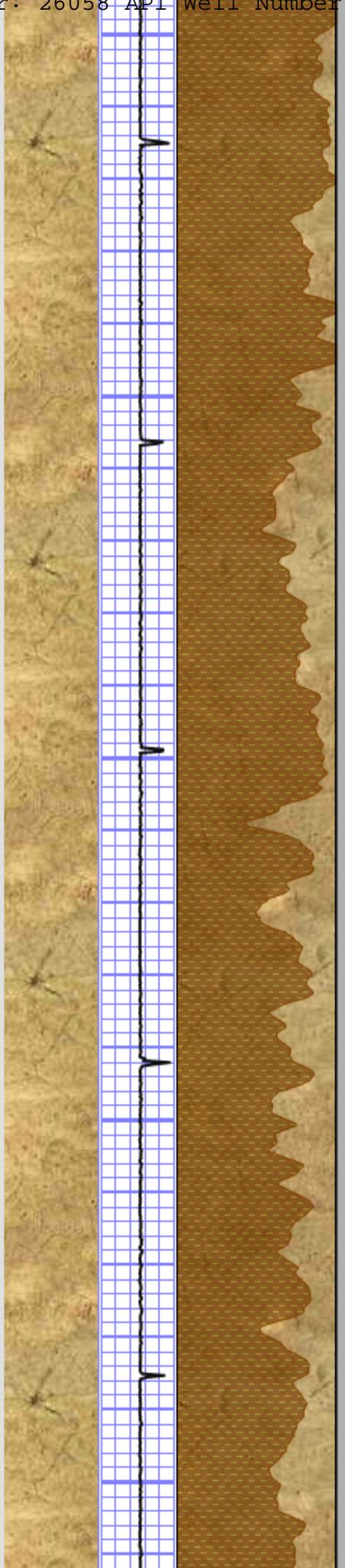
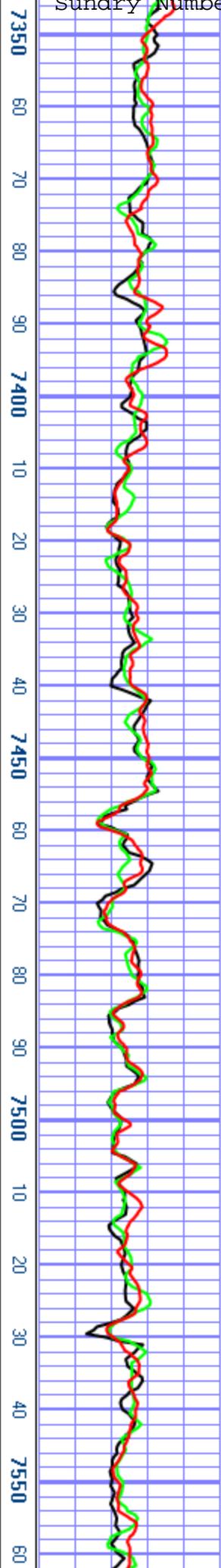
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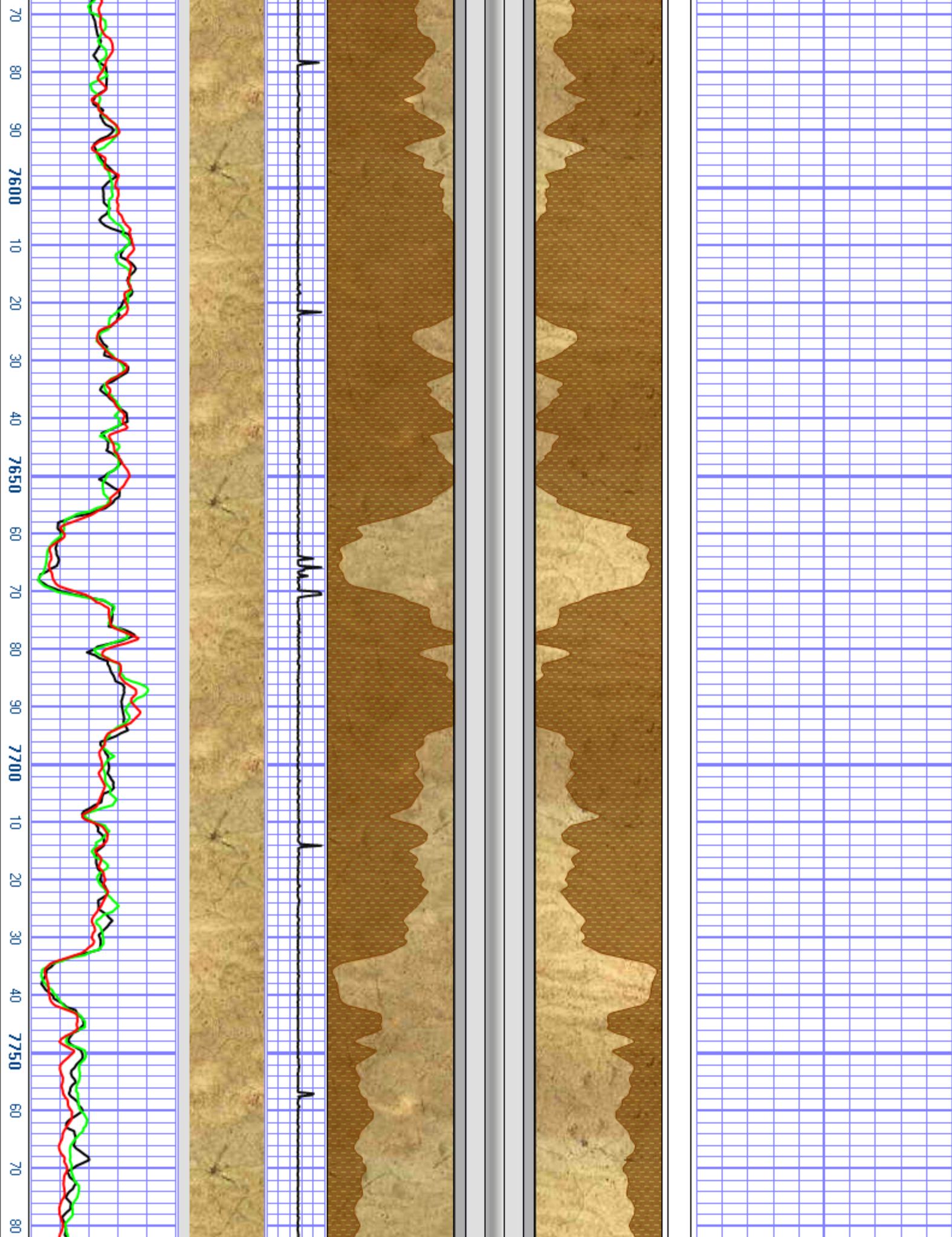
Scandium

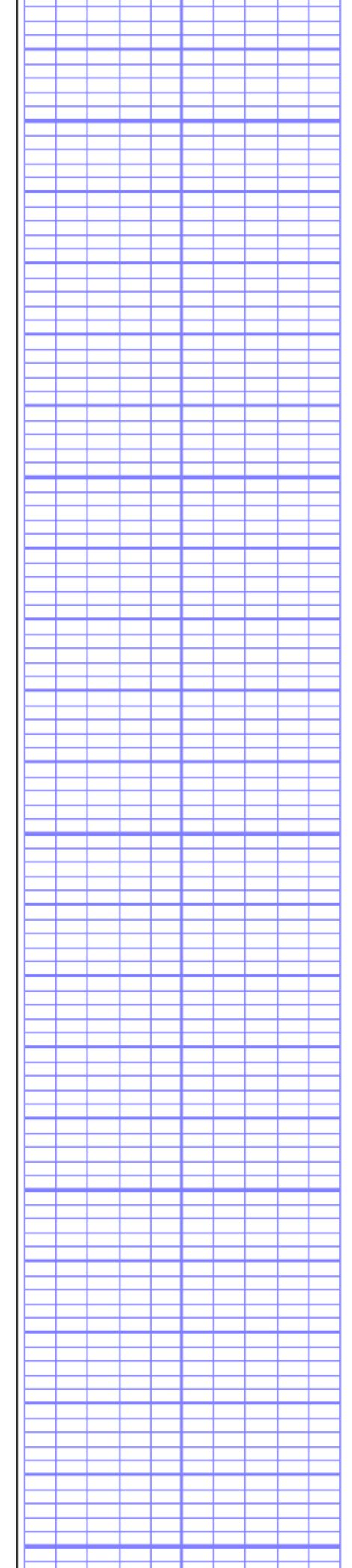
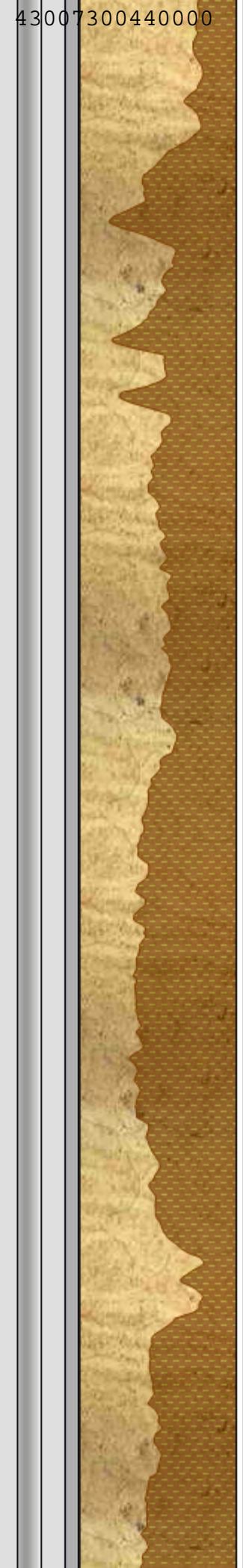
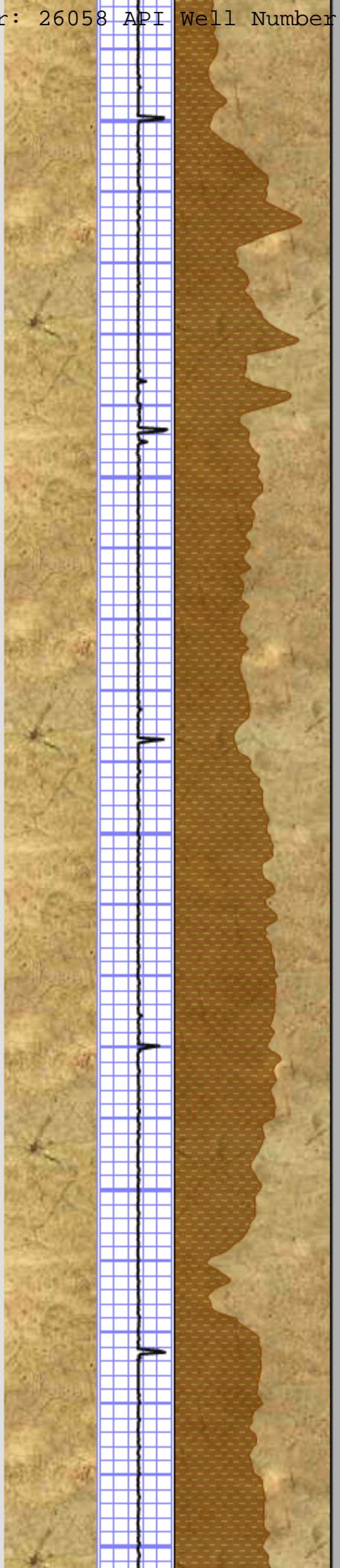
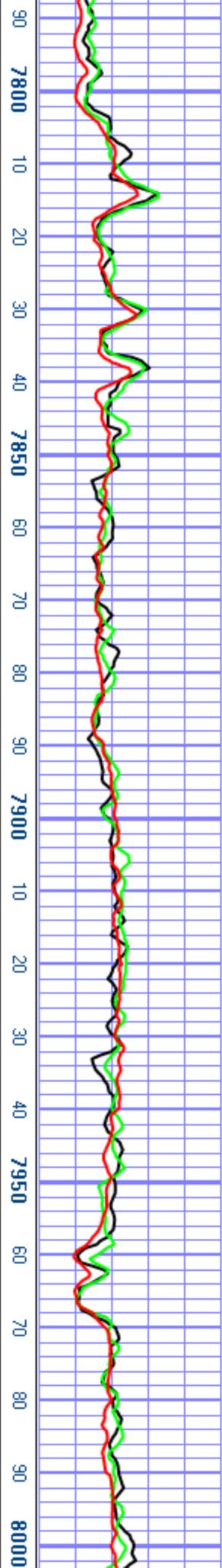
SCTOT		
0		10000

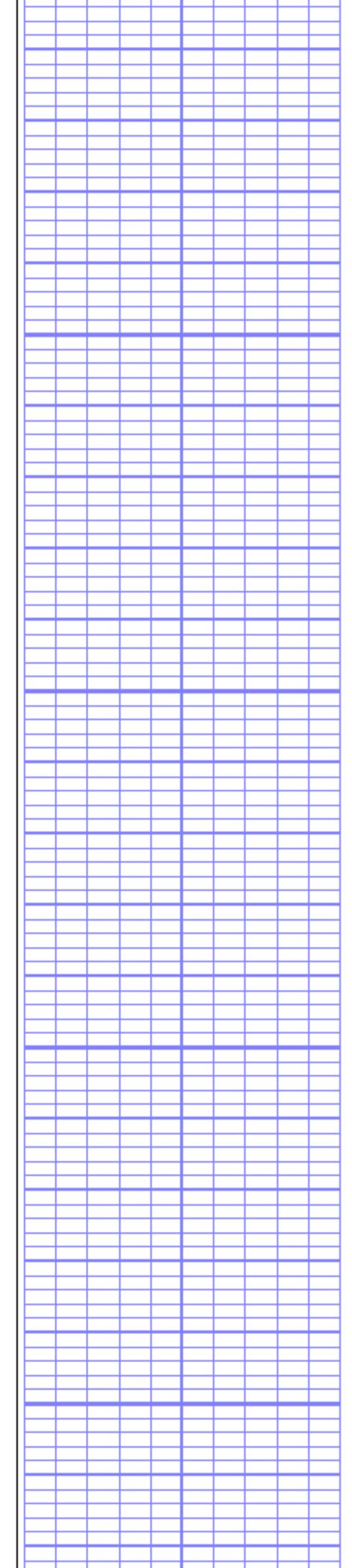
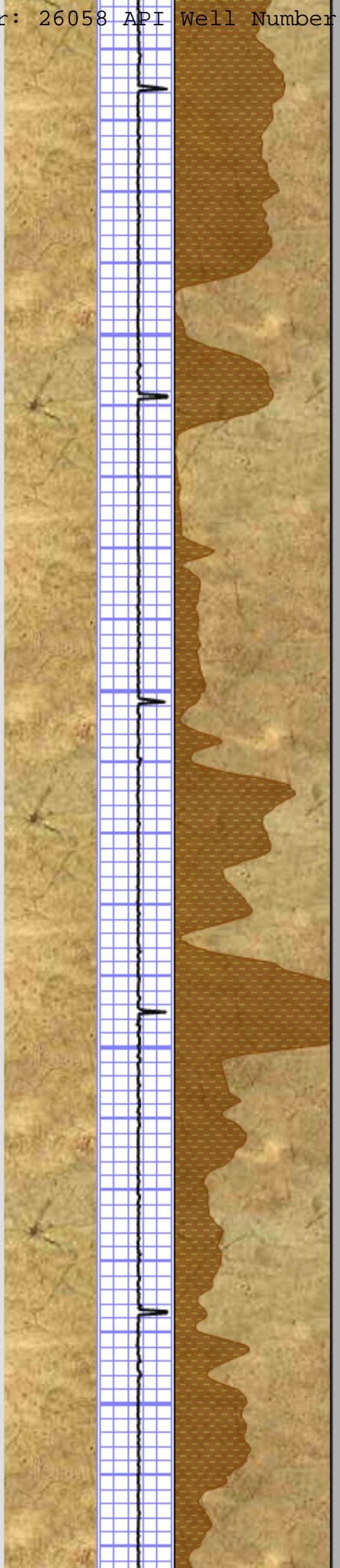
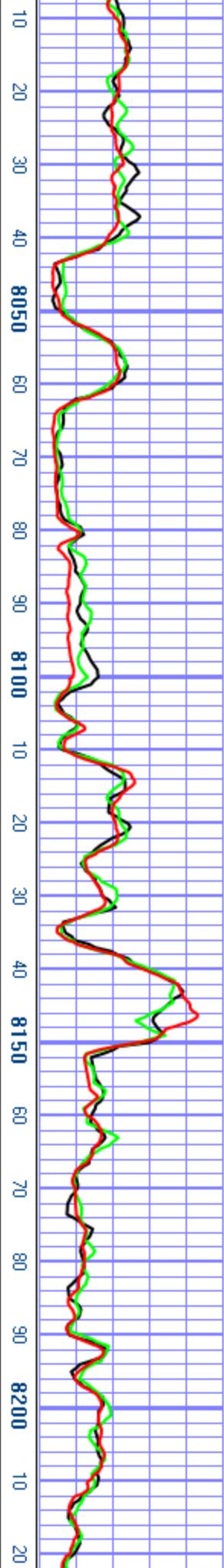
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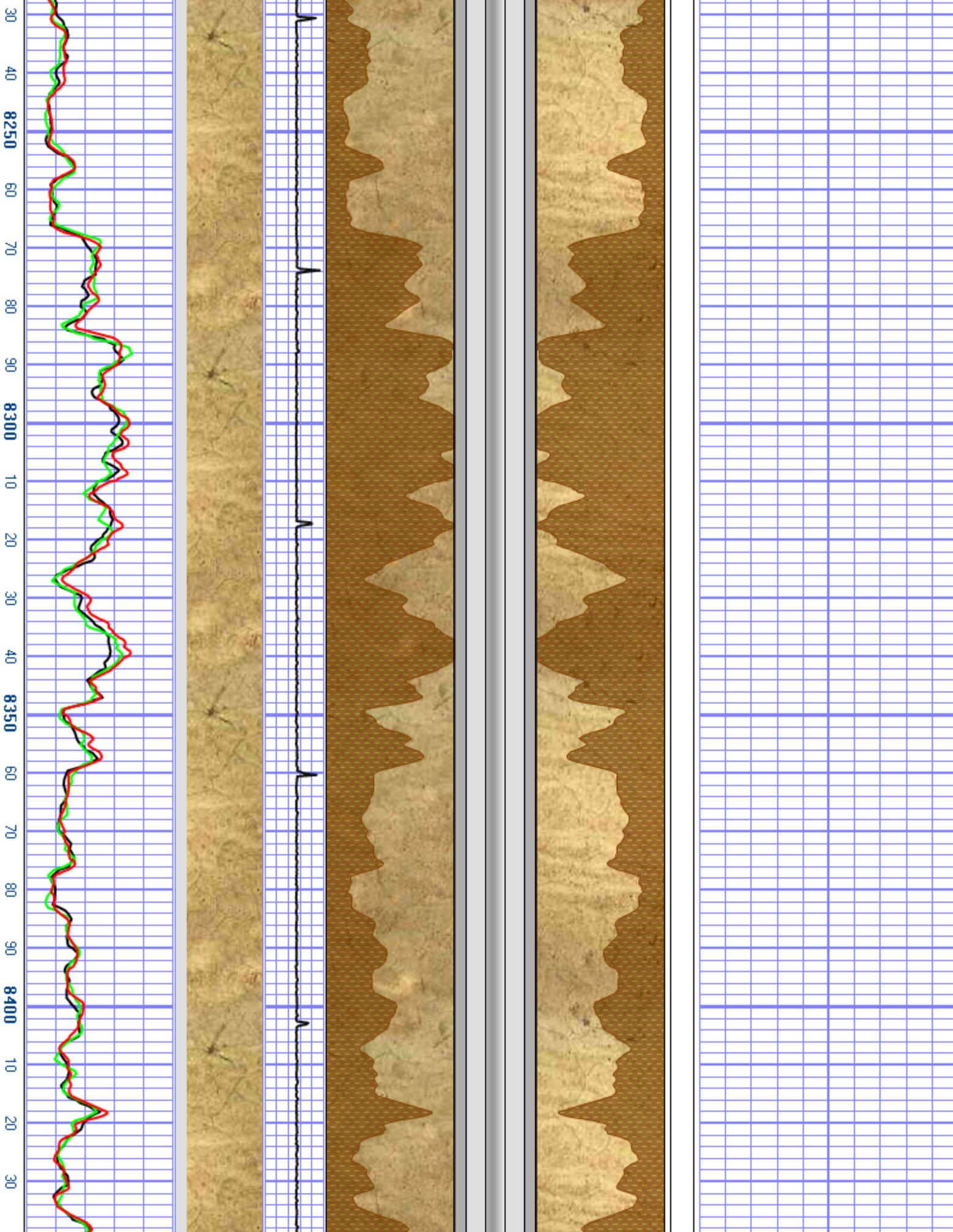


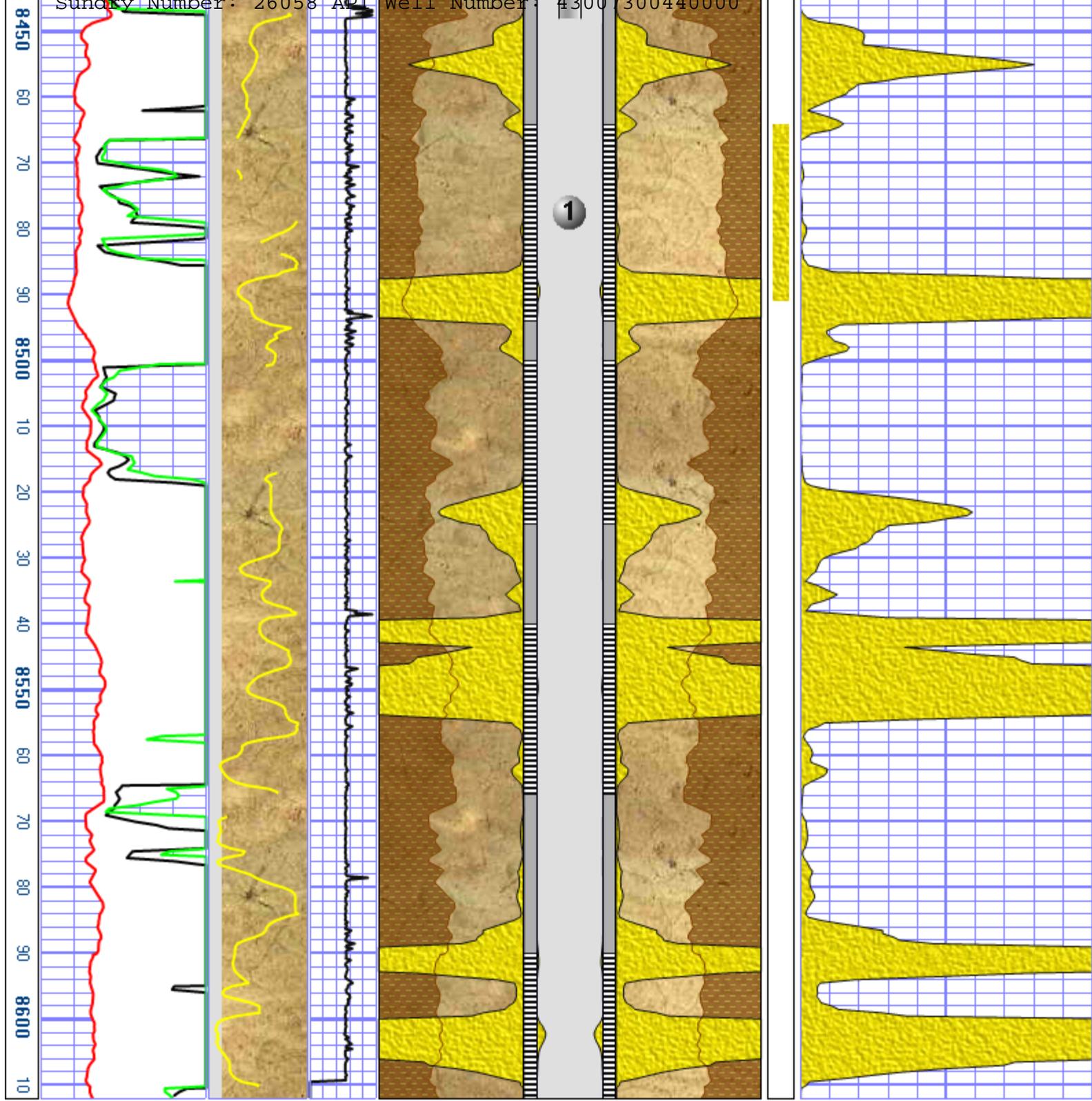












GR PASS 1		
0	[API]	150

GR PASS 2		
0	[API]	150

GR		
0	[API]	150

SCRCD		
0	[IN]	25

CCL		
0		270

Rel. Lithology	
Scandium	
Scandium	
10000	0

Bore Hole

Rel. Lithology	
Scandium	
Scandium	
0	10000

Scandium	
SCTOT	
0	10000

Company: Gordon Creek LLC
 Well: Gordon Creek Unit #1
 Field: Gordon Creek
 County: Carbon

State: Utah

Sundry Number: 26058 API Well Number: 43007300440000

RECEIVED: May. 29, 2012

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
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	STATE: UTAH				
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 4/7/2015 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input checked="" type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input checked="" type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION
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OTHER: <input type="text" value="Change Insert Bottom Hole P"/>					
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The purpose of this workover is to remove and replace a failed insert bottom hole pump. The plan of operations is to move on and rig up a workover rig with pump and tank, kill the Ferron formation on the producing side of the well with produced water, then hoist the rods and bottom hole insert pump OOH, then pull the production tubing, inspecting the tubing while pulling it OOH, replacing any damaged joints of tubing, then re-run the production tubing to the same depth as prior to workover, then run a new insert bottom hole pump on the existing rod string, then seat the pump and test. The wellhead will then be re-installed and the pumpjack started back up at 10 SPM and the well placed back on production.					
		Approved by the March 26, 2015 Oil, Gas and Mining			
		Date: _____ By: <u>Barry Brumwell</u>			
NAME (PLEASE PRINT) Barry Brumwell	PHONE NUMBER 403 453-1608	TITLE Vice President-Operations			
SIGNATURE N/A	DATE 3/23/2015				