

FILE NOTATIONS

Entered in NID File ✓
Location Map Pinned ✓
Card Indexed ✓

Checked by Chief *PMB*
Approval Letter *3-17-72*
Disapproval Letter

COMPLETION DATA:

Date Well Completed *6-1-73*

Location Inspected

W..... WW..... TA.....

Bond released

SIGW OS..... PA.....

State or Fee Land

LOGS FILED

Driller's Log..... ✓

Electric Logs (No.) ✓

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... Mi-L..... Sonic.....

CBLog..... CCLog..... Others.....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 CHORNEY OIL COMPANY-PACIFIC GAS TRANSMISSION COMPANY

3. ADDRESS OF OPERATOR
 P. O. Box 144, Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 NW NE Sec. 18, T9S, R24E, SLM (660' FNL & 1980' FEL)
 At proposed prod. zone Uintah County, Utah
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 5 miles west of Bonanza, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) --

16. NO. OF ACRES IN LEASE --

17. NO. OF ACRES ASSIGNED TO THIS WELL 40+

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. --

19. PROPOSED DEPTH 8500'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 Ground 5115'

22. APPROX. DATE WORK WILL START*
 5-1-72

5. LEASE DESIGNATION AND SERIAL NO.
 Utah-0145459

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 So. Red Wash-Fed.

9. WELL NO.
 #1-18

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 18, T9S, R24E, SLM

12. COUNTY OR PARISH 13. STATE
 Uintah Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48	300'	300 sx ±
(If necessary) 12-1/4"	9-5/8"	32.3	2500'	250 sx ±
8-3/4"	5-1/2"	15.5	8500'	300 sx ±

Operator proposes to drill a 8500' test into the Mancos formation. All significant oil and gas shows will be drillstem tested or otherwise evaluated using electric logs and/or geological data. If economic production is encountered, a properly designed string of 5-1/2" casing will be run and cemented.

Adequate doublegate and Hydril BOPE will be installed and in operation from under surface casing. The BOPE will be of the 900 series type, will be checked daily for mechanical operation, and will be pressure tested to a minimum of 1000 psig for 30 minutes prior to drilling out.

Operator will mud up from under surface or intermediate casing and will maintain mud weight adequate to control all formation pressures.

LOCATION PLAT IS ATTACHED.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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.

24. SIGNED A. G. Foust TITLE Chief Engineer DATE 3-14-72
 A. G. Foust

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

cc: Utah Division of Oil & Gas Conservation - Pacific Gas Transmission Company
 Sabine Exploration Corp.

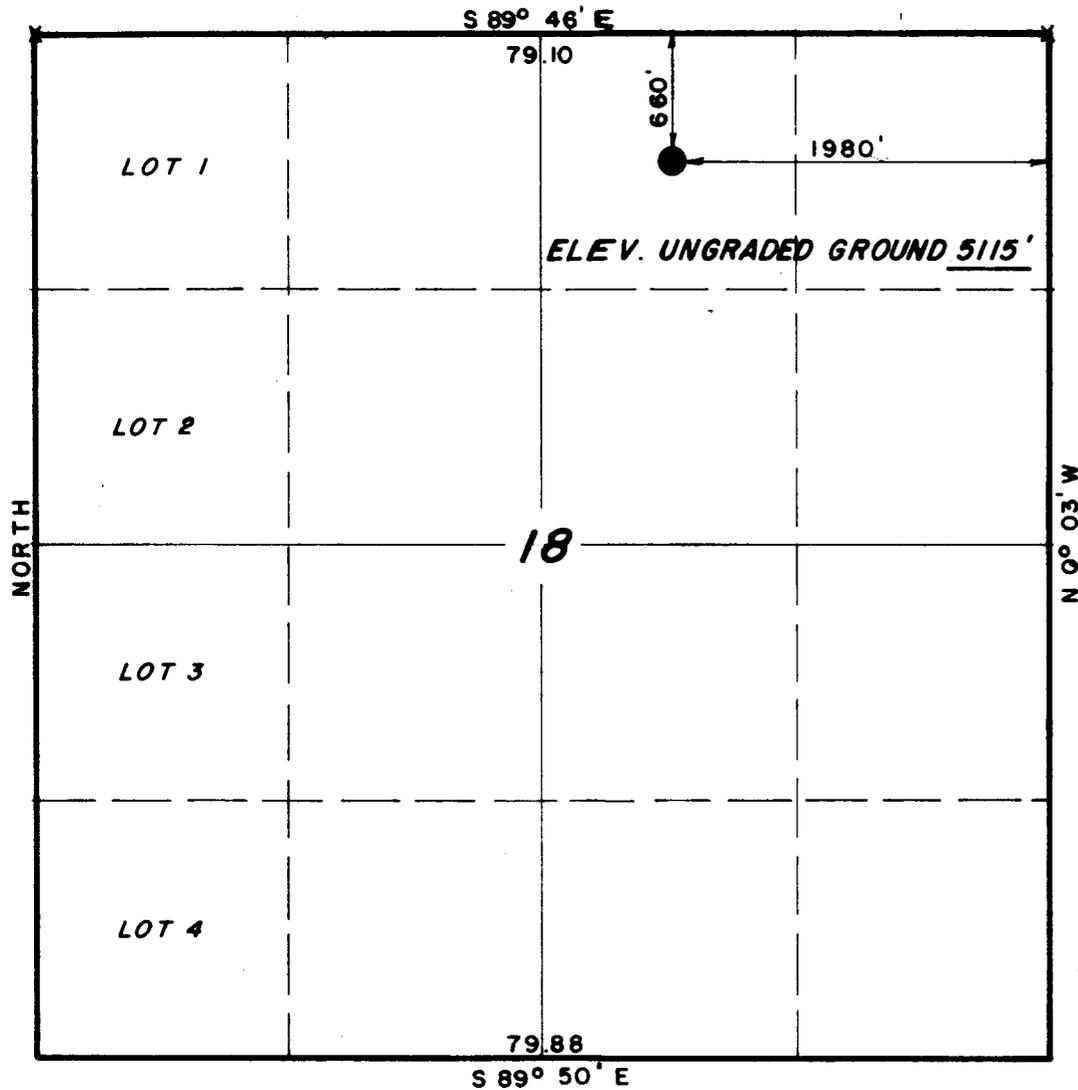
*See Instructions On Reverse Side

T9S, R24E, S.L.B.&M.

PROJECT

CHORNEY OIL COMPANY

Well location located as shown
in the NW1/4 NE 1/4 Section 18,
T9S, R24E, S.L.B.&M. Uintah
County, Utah.



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

Nelson J. Randall

REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

X = Section Corners Located

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

SCALE 1" = 1000'	DATE 6 Mar., 1972
PARTY L.D.T. D.A.	REFERENCES GLO Plat
WEATHER Good	FILE CHORNEY OIL CO.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 CHORNEY OIL COMPANY-PACIFIC GAS TRANSMISSION COMPANY

3. ADDRESS OF OPERATOR
 P. O. Box 144, Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 NW NE Sec. 18, T9S, R24E, SLM (660' FNL & 1980' FEL)
 At proposed prod. zone
 Same Uintah County, Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 5 miles west of Bonanza, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) --

16. NO. OF ACRES IN LEASE --

17. NO. OF ACRES ASSIGNED TO THIS WELL 40+

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. --

19. PROPOSED DEPTH 8500'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 Ground 5115'

22. APPROX. DATE WORK WILL START*
 5-1-72

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48	300'	300 sx ±
(If necessary) 12-1/4"	9-5/8"	32.3	2500'	250 sx ±
8-3/4"	5-1/2"	15.5	8500'	300 sx ±

Operator proposes to drill a 8500' test into the Mancos formation. All significant oil and gas shows will be drillstem tested or otherwise evaluated using electric logs and/or geological data. If economic production is encountered, a properly designed string of 5-1/2" casing will be run and cemented.

Adequate doublegate and Hydril BOPE will be installed and in operation from under surface casing. The BOPE will be of the 900 series type, will be checked daily for mechanical operation, and will be pressure tested to a minimum of 1000 psig for 30 minutes prior to drilling out.

Operator will mud up from under surface or intermediate casing and will maintain mud weight adequate to control all formation pressures.

LOCATION PLAT IS ATTACHED.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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.

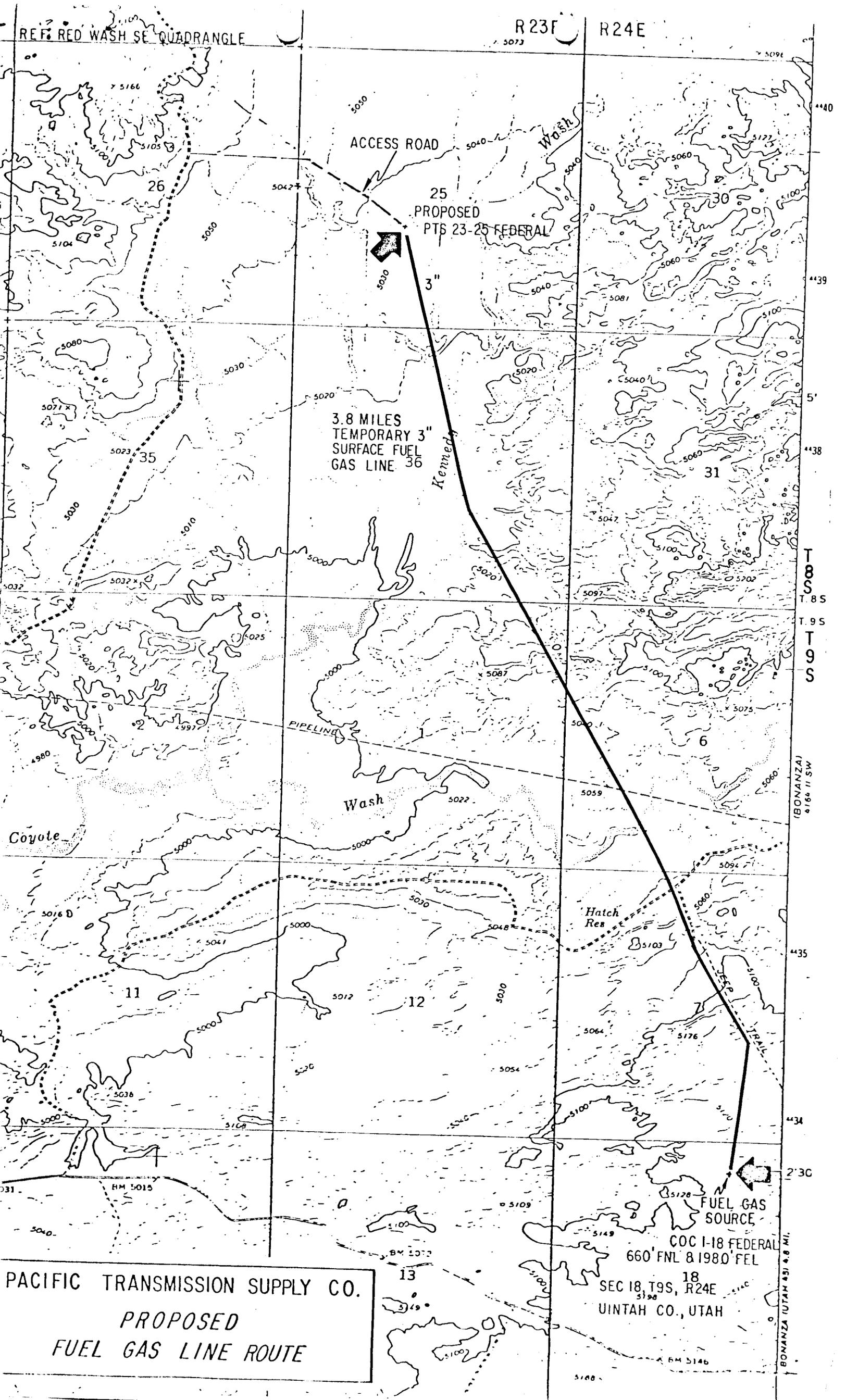
24. SIGNED A. G. Foust TITLE Chief Engineer DATE 3-14-72
 A. G. Foust

(This space for Federal or State office use)
 PERMIT NO. 13-047-30124 APPROVAL DATE

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

cc: Utah Division of Oil & Gas Conservation - Pacific Gas Transmission Company
 Sabine Exploration Corp.

*See Instructions On Reverse Side



ACCESS ROAD

25
PROPOSED
PTS 23-25 FEDERAL

3.8 MILES
TEMPORARY 3"
SURFACE FUEL
GAS LINE 36

Kennedy

PIPELINE

Wash

Hatch Res

FUEL GAS
SOURCE

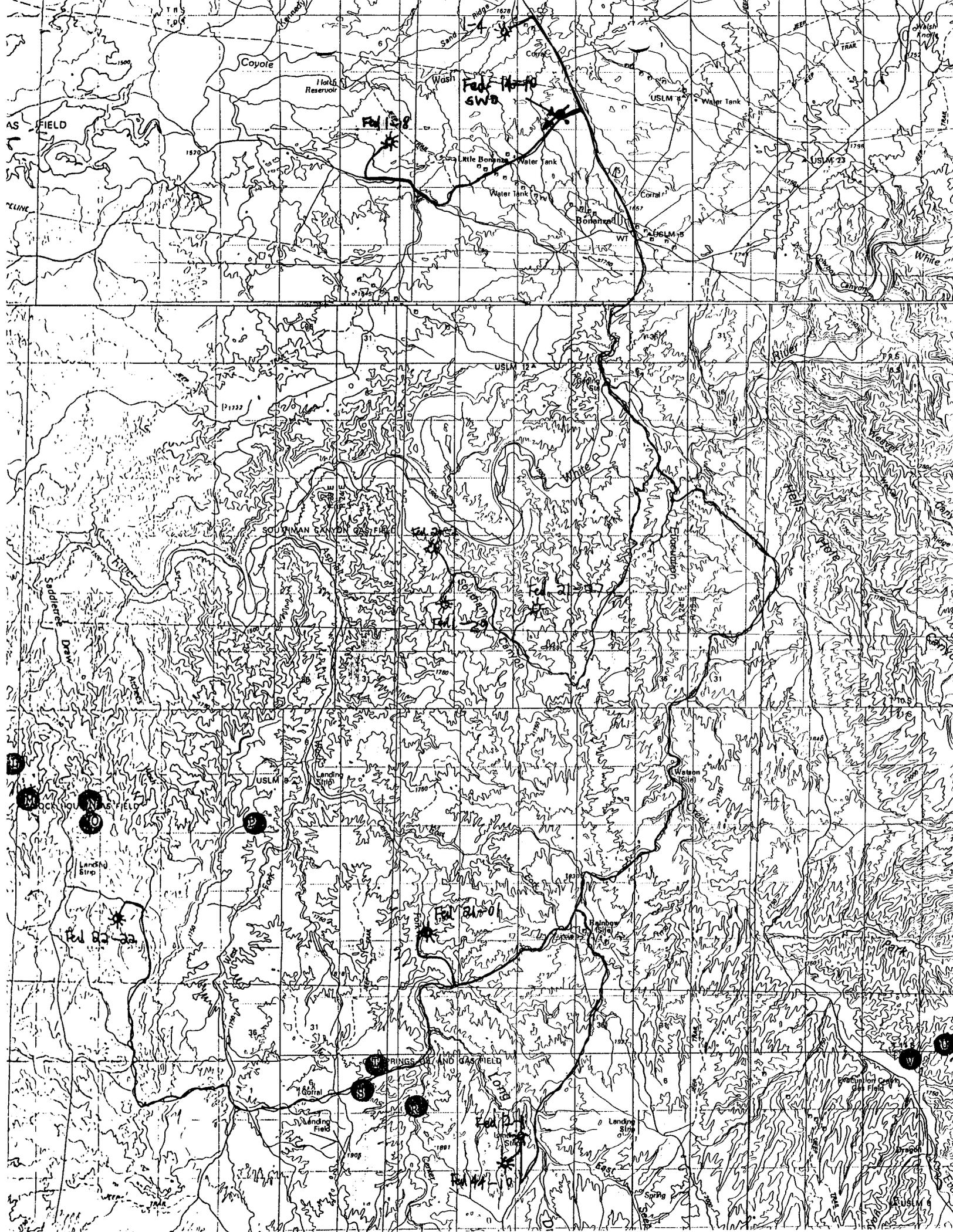
COC I-18 FEDERAL
660' FNL & 1980' FEL

18
SEC 18, T9S, R24E
UINTAH CO., UTAH

PACIFIC TRANSMISSION SUPPLY CO.
PROPOSED
FUEL GAS LINE ROUTE

T
8
S
T
8
S
T
9
S
T
9
S
(BONANZA)
4184 11 SW

BONANZA (UTAH 43) 4.8 MI.



March 17, 1972

Chorney Oil Company
Box 144
Casper, Wyoming 82601

Re: 86. Red Wash Federal #1-18
Sec. 18, T. 9 S, R. 24 E,
So. Red Wash Federal #1-23
Sec. 23, T. 8 S, R. 23 E,
SE Flank Uinta Federal #1-28
Sec. 28, T. 15 S, R. 22 E,
Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted.

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

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation with regard to completing this form will be greatly appreciated.

The API numbers assigned to these wells are:

Federal #1-18:	#43-047-30124
Federal #1-23:	#43-047-30125
Federal #1-28:	#43-047-30126

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

June 20, 1972

Chorney Oil Company
Box 144
Casper, Wyoming 82601

Re: Well Numbers:
Peters Point Federal #1-10
Sec. 10, T. 13 S, R. 16 E,
Stone Cabin Unit #1-11
Sec. 11, T. 12 S, R. 14 E,
Carbon County, Utah
So. Red Wash Federal #1-18
Sec. 18, T. 9 S, R. 24 E,
So. Red Wash Federal #1-23
Sec. 23, T. 8 S, R. 23 E,
SE Flank Uinta #1-28
Sec. 28, T. 15 S, R. 22 E,
Uintah County, Utah

Gentlemen:

Our records indicate that you have not filed a "Monthly Report of Operations" for the months of April and May, 1972, on the subject wells.

Rule C-22(1), General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1b, (U.S. Geological Survey 9-331), "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. Enclosed are forms for your convenience.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SCHEREE DeROSE
SUPERVISING STENOGRAPHER

Received

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other 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.)

<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Wildcat</p> <p>2. NAME OF OPERATOR CHORNEY OIL COMPANY</p> <p>3. ADDRESS OF OPERATOR P. O. Box 144, Casper, Wyoming 82601</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW NE (660' FNL & 1980' FEL), Sec. 18, T9S, R24E, SLM Uintah County, Utah</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. Utah 0145459</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME So. Red Wash - Fed.</p> <p>9. WELL NO. 1-18</p> <p>10. FIELD AND POOL, OR WILDCAT Wildcat</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 18, T9S, R24E SLM</p>
<p>14. PERMIT NO. 43-047-30124</p>	<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) Ungraded Grd. 5115'</p>	<p>12. COUNTY OR PARISH Uintah</p> <p>13. STATE Utah</p>

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) MONTHLY REPORT OF OPERATIONS <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.)*

6-15-72: Location

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

SIGNED Sam T. Boltz Jr. TITLE Operations Manager DATE 6-21-72

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: Pacific Gas Transmission
Sabine Exploration Corp. *See Instructions on Reverse Side

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO. Utah 0145459
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME So. Red Wash - Fed.
9. WELL NO. 1-18
10. FIELD AND POOL, OR WILDCAT Wildcat
11. SEC., T., R., M., OR BLEK. AND SUBVY OR AREA Sec. 18-T9S-R24E SLM
12. COUNTY OR PARISH Uintah
13. STATE Utah

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 <input checked="" type="checkbox"/> Wildcat
2. NAME OF OPERATOR CHORNEY OIL COMPANY
3. ADDRESS OF OPERATOR P. O. Box 144, Casper, Wyoming 82601
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW NE (660' FNL & 1980' FEL), Sec. 18, T9S, R24E, SLM Uintah County, Utah
14. PERMIT NO. 43-047-30124
15. ELEVATIONS (Show whether DF, RT, GR, etc.) Ungraded Grd. 5115'

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) _____	
(Other) MONTHLY REPORT OF OPERATIONS <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.)*

7-10-72: Location made. Conductor set. Should spud by 8-1-72.

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

SIGNED Sam T. Bolz, Jr. TITLE Operations Manager DATE 7-11-72

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: Pacific Gas Transmission
Sabine Exploration Corp.

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other 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. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Wildcat		5. LEASE DESIGNATION AND SERIAL NO. Utah 0145459		
2. NAME OF OPERATOR CHORNEY OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
3. ADDRESS OF OPERATOR P. O. Box 144, Casper, Wyoming 82601		7. UNIT AGREEMENT NAME		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW NE (660' FNL & 1980' FEL), Sec. 18, T9S, R24E, SLM Uintah County, Utah		8. FARM OR LEASE NAME So. Red Wash - Fed.		
14. PERMIT NO. 43-047-30124	15. ELEVATIONS (Show whether of, to, or, etc.) Ungraded Grd 5115'	9. WELL NO. 1-18		
		10. FIELD AND POOL, OR WILDCAT Wildcat		
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 18-T9S-R24E SLM		
		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">12. COUNTY OR PARISH Uintah</td> <td style="width:50%;">13. STATE Utah</td> </tr> </table>	12. COUNTY OR PARISH Uintah	13. STATE Utah
12. COUNTY OR PARISH Uintah	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) MONTHLY REPORT OF OPERATIONS <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.)*

8-10-72: 3505' drlg.
Well spudded at 8 P.M. 7-30-72.
Ran 11 jts 13-3/8" 48# H-40 surface casing landed at 311.63' KB. Cemented w/400 sx Class "G" regular cement w/3% CaCl₂. Displaced w/46 BW, good returns. Plug down @ 1:30 A.M. 8-1-72.
DST #1, 1065-1130', Green River fm, rec. 590' slightly mud cut fresh water.
DST #2, 1560-1800', Green River fm. Rec 180' of slightly gas cut & mud cut H₂O.
DST #3, 2810-3050', Green River fm. No visible signs of oil or gas.

PLEASE HOLD IN CONFIDENCE.

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

SIGNED Sam T. Boltz, Jr. TITLE Operations Manager DATE 8-11-72
(This space for Federal or State office use)

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

cc: Pacific Gas Transmission
Sabine Exploration Corp.

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other 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. OIL WELL GAS WELL OTHER Wildcat

2. NAME OF OPERATOR
CHORNEY OIL COMPANY

3. ADDRESS OF OPERATOR
P. O. Box 144, Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
NW NE (660' FNL & 1980' FEL), Sec. 18-T9S, R24E, SLM
Uintah County, Utah

14. PERMIT NO. 43-047-30124

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
Ungraded Grd. 5115'

5. LEASE DESIGNATION AND SERIAL NO.
Utah 0145459

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
So. Red Wash - Fed.

9. WELL NO.
1-18

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA
Sec. 18-T9S-R24E, SLM

12. COUNTY OR PARISH
Uintah

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) _____	
(Other) Monthly Operations Report <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.)*

9-10-72: 8470', Mancos formation, attempted DST #11 8248-8470', packer failed.

DST #4 - 4775-4880', rec 294' WCM, no show oil or gas.

DST #5 - 5335-5395', strong blow gas continued thruout test.

DST #6 - 5956-5985', strong blow gas continued thruout test.

DST #7 - 6789-6850', open with strong blow, decrease to weak, continued thruout test.
Rec 120' DM.

DST #8 - 7377-7450', rec 125' DM.

DST #9 - 7452-7630', open with fair blow increased to strong. Rec 577' SGCDM.

DST #10 - 8238-8470', packer failed.

PLEASE HOLD CONFIDENTIAL

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

SIGNED Sam T. Boltz, Jr. TITLE Operations Manager DATE Sept. 15, 1972

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: Pacific Gas Transmission Co.
Sabine Exploration Corp.
Stanley Edwards

*See Instructions on Reverse Side

CHORNEY OIL COMPANY

111 EAST SECOND — P. O. BOX 144
PHONE 24-4575 OR 234-7164
CASPER, WYOMING 82601

RAYMOND CHORNEY,
PRESIDENT

DIVISION OFFICE
1140 LINCOLN TOWER BLDG.
DENVER, COLORADO 80203
PHONE (303)—222-7886

September 27, 1972

Mr. Gerald Daniels
U. S. Geological Survey
8416 Federal Building
Salt Lake City, Utah 84111

Re: South Red Wash - Federal #1-18
NW NE Sec. 18-T9S-R24E, SLM
Uintah County, Utah

Dear Mr. Daniels:

Enclosed herewith are two copies of a geological report prepared by Mr. Ted Lindgren on the above subject well. These copies are being furnished for your reference and file.

Yours very truly,



Bill A. Street
Operations Geologist

BD

Enc.

cc: UO&GCC w/2 enc.

CHORNEY OIL COMPANY
and
PACIFIC GAS TRANSMISSION COMPANY
SOUTH RED WASH - FEDERAL 1-18
NW NE SEC. 18-T9S-R24E SLM
UINTAH COUNTY, UTAH

September 21, 1972

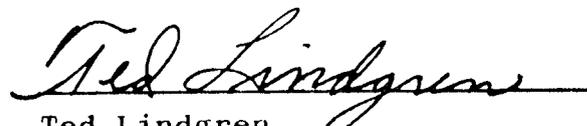

Ted Lindgren
Consulting Geologist

TABLE OF CONTENTS

	<u>Page</u>
General Information Summary - - - - -	1
Chronological Drilling Summary - - - - -	3
Formation Log Tops - - - - -	4
Drill Stem Tests - - - - -	5-14
Daily Mud Treatment - - - - -	15
Drilling Mud Recap - - - - -	17-18
Bit Record - - - - -	19
Sample Description - - - - -	20-38
Sidewall Cores - - - - -	39-40
Sample Log - - - - -	Pocket

GENERAL INFORMATION SUMMARY

OPERATOR: Chorney Oil Company

LEASE & NUMBER: South Red Wash Federal 1-18
NW NE Sec. 18-T9S-R24E SLM
Uintah County, Utah

ELEVATION: Ground: 5115' K.B.: 5131'

CONTRACTOR: Signal Drilling Company Rig #14
Glynn Mayson - Pusher

SPUD DATE: July 30, 1972 @ 8:00 p.m.

SURFACE CASING: Ran 11 joints of 48# 13 3/8" H-40
surface casing totaling 315.05' landed
@ 311' K.B., cemented with 400 sacks
class G regular cement, 3% CaCl₂, good
returns. Plug down @ 1:30 a.m. 8-1-72

INTERMEDIATE CASING: Ran 121 joints of 9 5/8" casing with
guide shoe and float collar totaling
4472.99' landed at 4461.50' K.B.
Cemented with 165 sacks class G regular
cement, 1/4# flo-seal per sack and 165
sacks class G regular neat cement.
Plug down @ 11:45 a.m. 8-14-72

HOLE SIZE: 17 1/2" to 315'; 12 1/4" to 4462';
7 7/8" to T.D.

MUD PROGRAM: Non-dispersed fresh water-gel from
surface to 4462'; Drispac-DAP from 4462'
to T.D. by Magcobar; Vernal, Utah

CORES: Sidewall cores by Schlumberger @ 5344',
5952' NR, 5958', 5980', 5986', 6198',
6804', 6820', 6990', 7570', 7594' NR,
7596', 7901', 8438', 8482', 8562'

DRILL STEM TESTS: A total of 12 including 2 mis-runs by
Lynes, Inc.; Casper, Wyoming

SAMPLING PROGRAM: 30 foot samples from surface to 1100'
10 foot samples from 1100' to T.D.

SAMPLE DISPOSITION: Samples in possession of American Strati-
graphic Co.; Casper, Wyoming, and State
of Utah

TOTAL DEPTH: Driller: 8600' Logger: 8598'

GENERAL INFORMATION SUMMARY CONT'D.

LOGGING PROGRAM: Dual Induction Laterolog, Sonic-Gamma Ray with F log, Formation Density log and compensated Neutron Log, all from base of surface pipe to T.D.

GAS DETECTOR: One man logging unit by Mills Well Logging; Casper, Wyoming, Dean St. Clair -- Logging Engineer

ENGINEERING Sam Boltz, Jr., Chorney Oil Company and Birl Lynch, Consultant; Casper, Wyoming

GEOLOGIST: Ted Lindgren, Consultant; Casper, Wyoming

STATUS: Ran 5 $\frac{1}{2}$ " production casing to T.D.

+ + + + +

GENERAL RECOMMENDATIONS

Samples on this well generally rate among the worst the author has seen in some 200 wells experience. The following recommendations are intended to improve sample quality without increased costs.

If intermediate pipe is set it is suggested that the size hole drilled be commensurate with pipe size; i.e. if 9 5/8" pipe is used then 8 3/4" hole should be drilled; if 8 5/8" pipe is used then 7 7/8" hole should be drilled. The reason for this procedure is to maintain an uniform annular velocity at the lowest practical level thus reducing washing of the hole plus assuring adequate cleaning of the cuttings. Bit hydraulics should be calculated for every trip out of the hole. The purpose of this is the same as that above.

Drispac-DAP mud is not recommended primarily because of surface problems. Drispac is a slow blending polymer and tends to cause excessive coating of the shale shaker screens. This causes the drilling mud to run across the screens and into the reserve pit. Continuous brushing and washing will not clean the shaker screens so the only remedy to mud loss is either to bypass the shale shaker thus dropping the solids back into the mud system or reduce pump volume which changes the bit hydraulics and annular velocity. A good quality, low water loss, fresh water, chemical-gel mud is recommended.

CHRONOLOGICAL DRILLING SUMMARY

August 2, 1972	Drilling @ 385'
August 3	Drilling @ 1443'
August 4	Testing, DST #1 T.D. 1800'
August 5	Testing, DST #2 T.D. 1800'
August 6	Drilling @ 2070'
August 7	Drilling @ 2813'
August 8	Drilling @ 3028'
August 9	Drilling @ 3148', ran DST #3 @ 3050'
August 10	Drilling @ 3533'
August 11	Drilling @ 3898'
August 12	Drilling @ 4284'
August 13	Logging, T.D. 4462'
August 14	Running 9 5/8" intermediate casing, T.D. 4462'
August 15	Waiting on cement - nipples up, T.D. 4462'
August 16	Preparing to trip for plugged bit @ 4773'
August 17	Hoisting DST #4, T.D. 4880'
August 18	Drilling @ 5111'
August 19	Circulating for DST #5, T.D. 5395'
August 20	Drilling @ 5521'
August 21	Drilling @ 5801'
August 22	Tripping for DST #6, T.D. 5985'
August 23	Drilling @ 6033'
August 24	Drilling @ 6252'
August 25	Drilling @ 6517'
August 26	Drilling @ 6788'
August 27	Hoisting DST #7, T.D. 6850'
August 28	Drilling @ 7060'
August 29	Drilling @ 7329'
August 30	Hoisting DST #8, T.D. 7450'
August 31	Drilling @ 7625'
Sept. 1	Circulating & mixing bar for DST #9, T.D. 7639'
Sept. 2	Drilling @ 7662'
Sept. 3	Drilling @ 7860'
Sept. 4	Tripping @ 7978'

DAILY MUD TREATMENT

Date	Gel	Ben- ex	Dris- pac	Fiber	Saw- dust	Mica	Drill Aid	Dray	Daily Cost	Cumulative Cost
8- 2	50							134.57	148.20	\$ 409.67
8- 3	16	3							81.10	490.77
8- 5	71	6	3						501.13	991.90
8- 6	25	4	1	5					217.90	1,219.80
8- 7	38	6		10	20				222.19	1,444.99
8- 9	57	10	1						332.36	1,777.35
8-10	55	4	2	15	52				446.12	2,223.47
8-11	30	6		10	24	15		45.00	330.54	2,554.01
8-12	66	7	2		5		2		521.02	3,400.43

Displace with Drispac -- DAP mud, run 9 5/8" casing to 4462'

Date	Gel	Caus- tic	Dris- pac	Bar	CMC	DAP	DES- CO	Dray	Daily Cost	Cumulative Cost
8-16		3	10			65	3	124.76	1656.41	\$ 5,054.84
8-17	6	1	4			20			518.79	5,573.63
8-18	7	2	4			7			421.15	5,994.78
8-20		1	1			5			132.89	7,677.81
8-21	15	3	3		3	15			658.18	8,335.99
8-22	10	3	2	5	2	10			451.44	8,787.43
8-23	5	1	1	10	1	5			247.43	9,034.86
8-24	15	3	3		3	15			638.18	9,673.04
8-25	12	3	2		2	10			704.83	10,377.87
8-26	15	3	1		1	5			1644.16	12,022.03
8-27	30	2	4		3	13	3		854.34	12,876.37
8-28	5	2	1		1	22	2		447.82	13,324.19
8-29	5	3	4		3	30	2		856.32	14,180.51
8-30		2	4		2	20	2		719.57	14,900.08
8-31	30	1	1		1	5	1		325.86	15,225.94
9- 1	12	1	1	155	1	5	4		1085.27	16,311.21
9- 2	5			155					551.02	16,862.23
9- 3		2	2	25	2	15	2		604.20	17,466.43
9- 4		3	3		3	15	3		712.65	18,179.08

DAILY MUD TREATMENT CONT'D.

Date	Gel	Caus- tic	Dris- pac	Bar	CMC	DAP	DES- CO	Dray	Daily Cost	Cumulative Cost
9- 6	10	1	1		1	5	1		267.34	\$18,446.42
9- 7	20	2	2	10	2	10	2		569.27	19,015.69
9- 8	25	3	3	15	3	15	3		951.00	19,966.69
9- 9	15	2	2	10	2	10	2		658.89	20,625.58
9-12	52	2	2	415	2	10	2		2325.33	23,703.25
9-13	15	1	1	395	1				1565.64	25,268.89

Theodore W. Lindgren

DRILLING MUD REGAP

COMPANY CHORNEY OIL COMPANY

WELL NAME S. Red Wash Fed. 1-18 FIELD Wildcat

LEGAL DESCRIPTION NW NE Sec.18-T9S-R24E SLM

STATE Utah

COUNTY Uintah

DATE	DEPTH	WEIGHT PPG	VISCOSITY			YIELD POINT Lb./100 sq ft	GELS 0/10 min	pH	API Filtrate ml	Pf ml	Chlorides 1000 ppm	Calcium ppm	Sulfates ppm	SAND % by volume	SOLIDS % by volume	OIL % by volume	WATER % by volume	HTHP 500 psi °F	DAP #/bbl	Remarks Number
			Funnel API sec	Apparent cp	Plastic cp															
8-2	530	8.4	28																	
8-3	1531	8.9	35		6	2	0/1	9.0	12	.31	200	180		1/2	4					
8-5	1809	8.8	30		3	2	0/0	8.5	16.4	.11	200	Nil		1/4	2					
8-6	2112	8.7	34		4	3	0/0	9.5	16.6	.4	200	80		1/4	2					
8-7	2583	8.6	34		9	12	3/7	9.0	12.8	.15	100	20		Nil	2					
8-9	3184	8.7	31		4	3	1/1	7.5	16.0	-	100	tr		tr	2					
8-10	3570	8.8	31		4	4	1/1	9.5	14.0	.3	100	0		tr	2					
8-11	3937	8.8	30		5	3	1/2	7.5	13.6	tr	200	0		tr	2					
Displace with Drispac - DAP mud																				
8-15	4462	8.7	36		8	15	8/14	8.5	15.6	.3	400	0		Nil	1					4.3
8-16	4763	8.8	34		7	17	1/2	8.5	14.4	.2	400	0		Nil	1					5
8-17	4882	9.0	35		8	10	2/3	8.5	15.2	.4	400	0		Nil	2					6.2
8-18	5140	9.1	33		6	5	1/3	9.0	13.9	.6	300	0		Nil	4					4
8-20	5540	9.0	32		9	5	1/3	8.5	7.8	.2	300	0		Nil	5					5.3
8-21	5827	9.1	33		9	6	1/2	8.5	7.8	tr	400	0		Nil	6					4.5
No check - Testing																				
8-22	5985																			
8-23	5993	9.2	33		7	6	1/2	8.5	7.8	.2	300	0		Nil	6					5.4
8-24	6284	9.3	34		10	6	1/3	8.5	8.0	.3	300	0		Nil	7					6
8-25	6598	9.3	33		8	6	1/2	8.5	8.8	.4	200	0		Nil	7					3.9
8-26	6826	9.2	33		9	6	1/2	8.5	7.8	.2	200	0		Nil	6					2.3
8-27	6871	9.2	34		9	5	1/4	8.3	7.2	tr	300	0		Nil	6.5					4.2
8-28	7188	9.3	34		9	7	1/3	8.3	7.4	tr	300	0		Nil	7					4.8
8-29	7429	9.3	36		11	8	1/2	8.0	6.6	-	300	Nil		Nil	7.5					5.2
8-30	7484	9.3	37		11	8	1/3	7.5	6.6	-	400	0		0	7					5.6
8-31	7639	9.3	-		13	11	2/6	8.0	6.6	0	300	0		Nil	7.5					5.6
9-1	7639	10.0	39		10	10	2/10	8.0	7.2	0	400	0		Nil	11					5.6
9-2	7684	9.9	40		13	8	2/7	8.3	7.8	tr	400	0		Nil	11					4.8
9-3	7880	10.0	42		14	12	2/5	8.3	7.6	tr	400	0		Nil	11					5.0
9-4	7978	10.0	42		16	12	2/5	8.3	7.2	tr	400	0		Nil	11					5.4
9-5	8000	10.0	38		14	10	-	8.0	8.0	0	300	0		Nil	11					4.8

MARKS:

BIT RECORD

SHEET _____ OF _____

PRINTED IN U S A

COUNTY Uintah	FIELD Wildcat	STATE Utah	SECTION 18	TOWNSHIP 9S	RANGE 24E	SPUD 8-1-72	US 8-2-72	UNDER INTER 8-15-72	SET SAND STRING 9-15-72
CONTRACTOR Signal Drilling Co		RIG NO 14	LEASE S. Red Wash Federal 1-18		COMPANY Chorney Oil Company		TOOL PUSHER Glynn Mayson		
MAKE RIG National	TYPE 55	RIG POWER 2 LRZ BU		PUMP POWER Compound		BOILERS - NO.	RATED HP Nat K-700	PUMP NO 2 Nat C-250	
DRILL PIPE 4 1/2"	TOOL JOINT TYPE 1F		DRILL COLLARS 6" x 2 1/2" x 30'			MUD TYPE Chem-Gel & DAP			SALESMAN

RUN NO	SIZE	MAKE	TYPE	JET SIZE	SERIAL	DEPTH OUT	FEET	HOURS	FEET PER HOUR	WEIGHT 1000 POUNDS	R P M	VERTICAL DEV	PUMP PRESSURE	PUMP OPERATION	NO 1		NO 2		MUD		DULL		REMARKS		
															SPM	LINER	SPM	LINER	WT	VIS	T	B			
1	17 1/2	HTC	ODV	—	Retip	317	277	20 3/4		30	150	3/4	400		60	6 1/2									
2	12 1/4	Smith	DS	14 1/4		1560	1245	34 1/4		50	160	3/4	1000		60	6 1/2							77		
3	✓	HTC	ODV	14 1/4	Retip	1800	240	14 1/2		50	85		1100		60	6 1/2							88		
4	✓	Sec	S86	14 1/4		2947	1147	56 1/2		50	55	1 1/2	1100		54	6 1/2							38		
5	✓	Smith	AJS	14 1/4	Rebuilt	3505	558	30 1/2		50	55	2	1100		54	6 1/2							38		
6	✓	Smith	AJS	14 1/4		4462	955	6 1/2		50	55		1100		54	6 1/2								Pulled to log	
7	7 7/8	HTC	J33	8 8/8	Rerun	5395	933	67		40	50	1 1/4	2000		52	5							14		
8	✓	Smith	3JS	8 8/8		5905	510	41		40	50	2 1/4	2000		52	5							28		
9	✓	Sec	S88	8 8/8		5985	80	7 1/4		40	50	2 1/2	2000		52	5							26		
10	✓	HTC	JAA	8 8/8		7639	1654	149 3/4		40	50		2000		52	5									
11	✓	Sec	S88	8 8/8		7978	339	47 1/2		40	50	3	2000		52	5							88	Lost 1 cone	
12	✓	Sec	H7SGJ	10 10/10		7995	17	9 1/4		10/40			1400		57	5							88	Drilling on ju	
13	✓	Reed	FCH	9 9/9		8024	29	9		40	50		1650		57	5								Pulled - Would not drill	
14	✓	Reed	FCH5	9 9/9	Rebuilt	8380	356	50		40	50	3	1650		57	5							22		
15	✓	Reed	SCM5	9 9/9	Rebuilt	8565	185	9 1/2		40	50	3	1650		57	5							88	Lost 3 cones	
16	✓	HTC	ODV	12 12/12		8600	35	4 3/4		40	50		1600		57	5							22	Pulled to log	

SAMPLE DESCRIPTION

[Depths Not Corrected for Lag]

<u>From</u>	<u>To</u>	<u>Feet</u>	<u>Description</u>
			Samples start @ 315'
315	330	15	Shale gray & green, waxy, soft, silty in part, highly calcareous
330	360	30	Shale green, as above with Limestone, light brown, sandy, soft, argillaceous
360	390	30	Shale and Limestone as above with Sandstone white, very fine to coarse grained, angular to well rounded, friable, calcareous, silty, pyritic, with a trace of Gilsonite
390	420	30	Sandstone as above, fine to very fine grained
420	480	60	Sandstone white, fine to coarse grained, angular to sub-rounded, silty, calcareous, friable, with a trace of Gilsonite, no show
480	510	30	Sandstone as above, more silty, heavily clay filled, no show
510	570	60	Shale gray to brown, silty, waxy, soft, highly calcareous
570	600	30	Shale as above with Siltstone brown, sandy, argillaceous, highly calcareous, soft
600	630	30	Shale and Siltstone as above with Sandstone white, very fine to medium grained, angular to sub-angular, friable, calcareous, no show
630	720	90	Sandstone very fine to medium grained, loose, arkosic, micaceous, trace of Gilsonite
720	750	30	Sandstone as above, fine to coarse grained
750	880	130	Sandstone as above, fine to very fine grained, with a trace of green waxy Shale
880	940	60	Sandstone as above, slight increase in Shale
940	1080	140	Sandstone as above
1080	1120	40	Sandstone as above with a small amount of light brown free oil, a small amount of gray-green Shale and a trace of brown Marlstone with dull yellow fluorescence and fair cut

SAMPLE DESCRIPTION CONT'D.

1120	1140	20	Sandstone as above with Marlstone brown, very sandy, firm, grading to tan Limestone, spotty yellow fluorescence and cut from Marlstone
1140	1150	10	Marlstone as above with Sandstone white to loose quartz, very fine to medium grained, angular to sub-angular, arkosic, calcareous, very poorly sorted
1150	1170	20	Siltstone gray, sandy, argillaceous, highly calcareous with Marlstone as above and Shale gray-green, waxy, soft
1170	1210	40	Sandstone white, fine to very fine grained, angular, calcareous, micaceous, very friable, trace of free oil
1210	1220	10	Sandstone as above, very fine grained with a small amount of gray-green Shale
1220	1230	10	Sandstone as above, fine to very fine grained, no Shale
1230	1250	20	Sandstone as above with Marlstone gray to brown, very silty, spotty yellow fluorescence and cut
1250	1260	10	Sandstone white, S & P, fine to very fine grained, angular to sub-rounded, friable, calcareous, with a trace of light brown free oil
1260	1280	20	Sandstone as above with a small amount of brown silty Marlstone
1280	1300	20	Sandstone as above, decrease in Marlstone, trace of free oil as above
1300	1310	10	No sample
1310	1320	10	Sandstone and Marlstone as above
1320	1340	20	Sandstone as above, no Marlstone
1340	1360	20	Sandstone as above with a small amount of brown silty Marlstone, spotty fluorescence and cut, trace of free oil
1360	1380	20	Sandstone as above
1380	1390	10	Sandstone as above, some clusters quartzitic, very silty to very fine grained
1390	1400	10	Sandstone cream, gray, brown, very fine to medium grained, angular to sub-rounded, highly calcareous with Limestone cream, arenaceous, micro to crypto-crystalline, firm with a trace of brown Marlstone

SAMPLE DESCRIPTION CONT'D.

1400	1430	30	As above, increase in Limestone and Marlstone
1430	1440	10	Siltstone dark brown, calcareous, argillaceous, dark brown dead oil stain, good cut, tight
1440	1450	10	Marlstone brown, silty to sandy in part, spotty yellow fluorescence, good cut, tight
1450	1460	10	Limestone cream, silty to sandy in part, sucrosic to micro-crystalline, spotty fluorescence, good cut, tight with brown Marlstone and Sandstone cream to white, very fine grained, highly calcareous, tight
1460	1470	10	Siltstone as above with small amount of Limestone as above
1470	1490	20	Limestone as above with fluorescence and cut as above with a small amount of Sandstone
1490	1530	40	Sandstone white, very fine grained, angular, highly calcareous, poorly sorted, silty, friable, pyritic, tight, trace of fluorescence and cut
			Circulate @ 1531' Sandstone as above
1530	1540	10	Cavings -- mainly Sandstone
1540	1560	20	Marlstone brown, silty in part, firm with Siltstone light brown, calcareous, sandy, argillaceous and a trace of friable Sandstone, spotty fluorescence and cut from Marlstone and Siltstone
1560	1570	10	Marlstone as above, decrease in Sandstone
1570	1600	30	Marlstone light to dark brown, firm to brittle, grading to Limestone in part, silty to sandy in part, spotty dull yellow fluorescence, fair cut, tight
1600	1640	40	Siltstone light brown, calcareous, argillaceous, firm with Marlstone as above
1640	1650	10	As above, increase in Marlstone
1650	1710	60	Marlstone as above
1710	1800	90	Marlstone dark brown, grading to light brown with a trace of pyrite, firm, brittle
			Circulate @ 1800' for DST's -- Marlstone as above
1800	1840	40	Marlstone as above, fair fluorescence and cut throughout
1840	1870	30	No samples

SAMPLE DESCRIPTION CONT'D.

1870	1950	80	Marlstone as above, fractured in part
1950	1960	10	No sample
1960	2160	200	Marlstone mainly dark brown, as above, no fractures, fluorescence and cut as above, occasional fragment with black dead oil stain
2160	2210	50	Marlstone as above with a small amount of white quartz
2210	2220	10	Marlstone as above, much lighter brown
2220	2230	10	Marlstone dark brown, firm to brittle, spotty dull yellow fluorescence, good cut
2230	2240	10	Marlstone as above, much lighter brown
2240	2250	10	Marlstone dark brown, as above
2250	2270	20	Marlstone medium brown, firm to brittle, chalky in part, fluorescence and cut as above
2270	2280	10	Marlstone as above with Limestone light brown, crypto-crystalline to sub-lithographic, brittle with fluorescence and cut as above
2280	2430	150	Marlstone as above
2430	2500	70	Marlstone light brown to tan, limey, crypto-crystalline in part, spotty dull yellow fluorescence, fair cut, tight, brittle, slightly siliceous, abundant cavings
2500	2560	60	Marlstone light and dark brown, with some sub-lithographic Limestone, firm to brittle, spotty dull yellow fluorescence, fair cut, no P & P
2560	2640	80	Marlstone light brown, tan, and cream, somewhat more argillaceous, some pieces silty, show as above
2640	2670	30	Marlstone medium to dark brown, as above
2670	2710	40	Marlstone mainly light brown, tan and gray, brittle, pyritic, spotty fluorescence and cut, no P & P
2710	2720	10	Marlstone as above with a trace of Sandstone gray, S & P, very fine grained, siliceous, tight, no show
2720	2750	30	Marlstone as above, silty to sandy in part

SAMPLE DESCRIPTION CONT'D.

2750	2770	30	Marlstone gray, silty, siliceous, pyritic, fluorescence and cut as above
2770	2810	40	Marlstone as above, grading to gray calcareous Shale, pyritic, silty, firm, spotty dull yellow fluorescence, fair streaming cut, no P & P
2810	2850	40	Marlstone light to dark brown, grading to light brown Limestone crypto-crystalline to sub-lithographic, brittle, fluorescence and cut as above with light to dark gray Shale
2850	2870	20	Marlstone as above with Siltstone gray, calcareous to siliceous, hard, no show
2870	2890	20	Marlstone as above with Limestone light brown to tan, micro to crypto-crystalline, hard, with fluorescence and cut as above, tight
2890	2900	10	Marlstone medium to dark brown, spotty dull yellow fluorescence, fair streaming cut, no P & P with Shale light to dark gray, highly calcareous, hard, brittle
2900	2947	47	Shale gray to brownish-gray, highly calcareous, micaceous, waxy in part, firm, with Marlstone as above
	Circulate @ 2947'		Marlstone light to dark brown, with a trace of gray Shale, spotty dull yellow fluorescence, fair cut
2947	3020	73	Marlstone as above with scattered Ostracod casts and molds
3020	3040	20	Shale gray to light brown, waxy, calcareous, firm
3040	3050	10	Marlstone light brown, grading to crystalline Limestone with Shale as above
3050	3060	10	Shale as above with Marlstone as above
3060	3080	20	Shale gray to grayish-brown, waxy, calcareous, firm
3080	3090	10	Shale as above with Siltstone gray, siliceous, angular fragments, hard, tight
3090	3100	10	Siltstone as above
3100	3110	10	Shale dark gray, silty, siliceous, calcareous, blocky, hard

SAMPLE DESCRIPTION CONT'D.

3110	3120	10	Limestone cream, crypto-crystalline, Ostracodal fossil fragmental with dark brown Marlstone and gray Shale as above
3120	3130	10	Sandstone gray, very fine grained, angular, silty, calcareous to quartzitic, hard, very tight, no show with gray Shale and Siltstone
3130	3140	10	Shale gray, as above with gray Siltstone, sandy, argillaceous, calcareous, tight, no show
3140	3150	10	Marlstone medium to dark brown, siliceous, spotty fluorescence and cut, with gray Shale as above
3150	3170	20	Shale gray, siliceous, calcareous, blocky to fissile with Marlstone as above
3170	3190	20	Marlstone and Limestone as above with gray Shale as above
3190	3230	40	Siltstone gray, siliceous, calcareous, sandy, blocky, hard, tight, no show
3230	3240	10	Siltstone as above grading to gray and grayish-brown Shale
3240	3260	20	Shale gray, green, brown, waxy to silty, calcareous, with a small amount of Marlstone and Ostracodal Limestone
3260	3270	10	Shale gray and brownish-gray, as above
3270	3280	10	Marlstone medium to dark brown, firm to brittle with spotty yellow fluorescence, fair cut
3280	3290	10	Siltstone gray, sandy, very argillaceous, calcareous, blocky, very hard and tight, no show
3290	3300	10	Ostracods cream, original material carapace with with cream Limestone matrix
3300	3310	10	Siltstone as above, grading to very fine grained Sandstone with some Ostracods as above
3310	3340	30	Siltstone as above grading to gray Shale as above
3340	3350	10	Shale as above
3350	3360	10	Shale and Siltstone as above
3360	3370	10	Shale gray, silty to waxy, calcareous, firm
3370	3380	10	Shale as above with a small amount of Marlstone

SAMPLE DESCRIPTION CONT'D.

3380	3400	20	Marlstone light to dark brown shaly with show as above and gray Shale as above
3400	3420	20	Marlstone as above less shaly
3420	3450	30	Shale gray as above mixed with Marlstone as above
3450	3460	10	Shale and Marlstone as above with Ostracod Limestone
3460	3490	30	Siltstone gray, calcareous, argillaceous, sandy, hard, with some Sandstone white, S & P, very fine grained, calcareous, quartzitic, silty, hard & tight, no show with a trace of Marlstone
3490	3500	10	Siltstone as above with cream Ostracod Limestone
3500	3510	10	Marlstone medium to dark brown, firm, spotty yellow fluorescence and cut
3510	3550	40	Siltstone, gray, argillaceous, calcareous, sandy with cream to tan Ostracod Limestone
3550	3570	20	Shale gray to occasionally gray-green, waxy to silty, calcareous, with Siltstone as above
3570	3590	20	Mainly gray Siltstone as above, grading to a trace of very fine grained tight Sandstone
3590	3600	10	Shale and Siltstone as above with Sandstone white to light gray, angular to sub-angular, fair sorting, slightly micaceous, faint spotty light brown oil stain, fair spotty yellow fluorescence, good streaming cut, tight to poor P & P, some pieces no show
3600	3650	50	Shale and Siltstone as above with a trace of Sandstone as above, very tight, very silty, no show
3650	3680	30	Marlstone light to dark brown, firm, spotty fluorescence and cut with Shale as above
3680	3690	10	Siltstone white to light gray, calcareous, sandy, argillaceous in part, tight, no show, with a trace of very fine grained Sandstone and Marlstone as above
3690	3700	10	Siltstone as above, grading to very fine grained Sandstone with gray Shale
3700	3710	10	Shale gray to tan, waxy, highly calcareous, firm with a trace of Marlstone

SAMPLE DESCRIPTION CONT'D.

3710	3720	10	Sandstone light gray, very fine grained, grading to white and gray Siltstone, both highly calcareous, argillaceous in part, tight, no show
3720	3730	10	Sandstone as above with Shale gray to brown, waxy, calcareous, some grading to brown Marlstone
3730	3760	30	Marlstone dark brown, silty, shaly, with gray to brown Shale as above
3760	3820	60	Shale dark gray, silty, calcareous, waxy in part, blocky to fissile, hard, brittle
3820	3830	10	Marlstone as above
3830	3850	20	Shale and Marlstone as above
3850	3900	50	Marlstone light to dark brown, shaly, spotty fluorescence and cut, with gray to brown Shale, waxy, highly calcareous, silty in part, firm
3900	3920	20	Shale as above
3920	3950	30	Shale as above with Marlstone as above
3950	4000	50	Marlstone as above with a trace of varicolored Shale
4000	4090	90	Marlstone and varicolored Shale, mainly gray and brown
4090	4110	20	Marlstone as above with gray Shale
4110	4120	10	Shale gray to grayish-brown, waxy to silty, calcareous, firm with Marlstone as above and a trace of <u>Turretella</u> , <u>Ostrea</u> , and <u>Inoceramus</u>
4120	4150	30	Marlstone medium to dark brown, shaly, firm, fair fluorescence and cut with gray Shale as above and brown fossil fragmental Limestone
4150	4160	10	Sandstone white, fine to very fine grained, angular to sub-angular, highly calcareous, glauconitic, fair sorting, tight, no show
4160	4170	10	Sandstone as above with dark gray Shale and some Marlstone
4170	4230	60	Shale dark gray to brownish-gray, waxy to silty, firm, with brown Marlstone and a trace of Sandstone as above
4230	4260	30	Marlstone dark brown, shaly, firm, spotty fluorescence and cut with Shale as above
4260	4270	10	As above, increase in Shale

SAMPLE DESCRIPTION CONT'D.

4270	4290	20	Shale dark gray to brown, very silty, fissile, calcareous, firm, with Sandstone dark gray, very fine grained, very argillaceous, very tight, no show, and Marlstone as above and brown Ostracodal Limestone
4290	4350	60	Limestone brown, Ostracodal, oolitic, and pseudo-oolitic calcarinite
4350	4360	10	Shale dark gray to brownish-gray, highly calcareous, waxy to silty, fissile, firm
4360	4390	30	Shale as above with brown Marlstone and Ostracodal Limestone, trace of <u>Turretella</u>
4390	4400	10	Shale and carbonates as above with a trace of dark gray Sandstone as above
4400	4410	10	Sandstone gray, very fine grained, very silty, very calcareous, argillaceous, hard & tight, no show
4410	4420	10	Sandstone as above white to gray-green with Shale gray-green, waxy to silty, calcareous, firm
4420	4440	20	No samples
4440	4462	22	Shale varicolored gray, red, green, yellow, brown, variegated, waxy to silty, soft to firm
Circulate for logs @ 4460' -- Shale as above			
4462	4480	18	Cement and varicolored Shale
4480	4500	20	Shale rust red, orange, green, gray, brown, yellow, muave, variegated, silty to sandy, waxy in part, firm with a few pieces of Chert, dominant color - red
4500	4540	40	Siltstone variegated red and gray, sandy, argillaceous, firm, grading to very fine grained Sandstone with Shale as above
4540	4560	20	Variegated Shale as above with Siltstone as above
4560	4670	110	Shale varicolored and variegated as above, waxy, firm, no Siltstone
4670	4730	60	Shale as above with a trace of Sandstone white to varicolored gray, brown, yellow, red, fine to very fine grained, argillaceous, calcareous, poorly sorted, tight, no show
4730	4740	10	No sample

SAMPLE DESCRIPTION CONT'D.

4740	4750	10	Shale and Sandstone as above, with a trace of brown Marlstone
4750	4760	10	Shale varicolored and variegated with Sandstone white, very fine to medium grained, S & P, angular to sub-angular, calcareous, slightly pyritic, tight, no show
4760	4770	10	As above, mainly cavings after trip
4770	4800	30	Shale red, gray, yellow, brown, maroon, green, orange, waxy, calcareous, silty in part, with a trace of Sandstone as above
4800	4830	30	Shale as above with Sandstone gray to gray-green, very fine grained, S & P, highly calcareous, argillaceous, silty, tight, grading to Siltstone, no show
4830	4840	10	As above, Sandstone becoming very fine to medium grained
4840	4860	20	Sandstone white, S & P, black grains Coal, very fine to medium grained, angular to sub-rounded, calcareous, quartzitic, poorly sorted, tight, no visible show
4860	4870	10	Sandstone and Shale as above
4870	4880	10	Shale varicolored and variegated as above with Siltstone gray, argillaceous to sandy, calcareous, glauconitic, tight, no show
Circulate for DST @ 4880' -- Shale as above with a trace of Siltstone as above			
4880	4920	40	Shale varicolored and variegated, waxy, calcareous, firm
4920	4960	40	Shale as above with white to gray Siltstone and very fine grained Sandstone
4960	5010	50	Shale as above, Siltstone and Sandstone decreasing to a trace
5010	5030	20	Sandstone white, green & gray, S & P, very fine to fine grained, angular to sub-angular, calcareous, quartzitic, slightly argillaceous, poorly sorted, poor P & P to tight, no show -- looks wet
5030	5080	50	Shale varicolored and variegated, waxy, calcareous, silty in part, firm with a trace of Sandstone as above
5080	5120	40	Shale as above with gray to gray-green Siltstone in thin beds

SAMPLE DESCRIPTION CONT'D.

5120	5140	20	Siltstone gray-green, sandy, argillaceous, calcareous, very tight, no show with Shale as above
5140	5200	60	Shale varicolored and variegated as above with Siltstone as above
5200	5220	20	Shale as above with Sandstone white, S & P, fine to very fine grained, angular, highly calcareous, poorly sorted, thin bedded, tight, no show
5220	5250	30	Shale and Sandstone as above, Sandstone becoming heavily clay filled, dirty, gray
5250	5290	40	Sandstone white to gray, very fine grained, S & P, angular, calcareous, micaceous, poorly sorted, tight, clay filled, no show, with thin bedded varicolored Shale
5290	5350	60	Shale and Sandstone as above, Sandstone grading to light gray, tight Siltstone
5350	5380	30	Sandstone white fine to very fine grained, angular to sub-rounded, calcareous, friable, fair P & P, no fluorescence or cut
5380	5395	15	Shale red, gray, yellow, brown, waxy, fissile, variegated, with Sandstone as above
	Circulate @ 5395'		Shale as above
5395	5410	15	Shale as above -- cavings
5410	5450	40	Shale varicolored and variegated with thin bedded Sandstone as above
5450	5460	10	Sandstone white to gray, S & P, very fine grained, silty, argillaceous, calcareous, tight, no show
5460	5500	40	Shale as above with a trace of Sandstone
5500	5510	10	Sandstone white to gray, S & P, very fine grained, angular to sub-angular, calcareous, argillaceous, silty, tight, no fluorescence or cut
5510	5540	30	Shale varicolored and variegated with a trace of Sandstone
5540	5560	20	Shale as above, very calcareous with Sandstone white, S & P, fine to very fine grained, angular, glauconitic, calcareous, clay filled, tight, no show
5560	5580	20	Shale as above, decrease in Sandstone

SAMPLE DESCRIPTION CONT'D.

5580	5600	20	Shale as above increase in Sandstone as above, argillaceous in part, no show
5600	5640	40	Shale mainly gray to grayish-brown, silty, calcareous, blocky to fissile firm with Siltstone gray, argillaceous, sandy, calcareous, hard, grading to gray, very fine grained, silty, S & P, Sandstone tight, no show
5640	5650	10	Sandstone white, S & P, very fine grained, calcareous, heavily clay filled, tight, no show
5650	5680	30	Shale varicolored, mainly gray to brown, waxy, highly calcareous, silty in part, grading to gray to tan Siltstone, no show and a trace of fresh water sub-lithographic Limestone
5680	5690	10	Siltstone gray to tan, highly calcareous, S & P, clay filled, no show
5690	5700	10	Shale as above with Limestone as above and a trace of Siltstone
5700	5710	10	Marlstone dark brown, shaly, thin bedded, with Shale, as above
5710	5740	30	Shale varicolored and variegated, waxy, highly calcareous with a trace of Limestone
5740	5750	10	Shale as above with white to brown Siltstone
5750	5780	30	Limestone brown, crypto-crystalline, argillaceous, tight, no show
5780	5800	20	Shale as above with Limestone as above and a trace of white thin bedded Sandstone
5800	5870	70	Shale as above, increase in sandy Siltstone and silty Sandstone, no Limestone
5870	5880	10	No sample
5880	5970	90	Shale light to dark gray, red, brown, yellow, variegated, waxy, highly calcareous, soft to firm with a small amount of light gray sandy Siltstone
5970	5990	20	Sandstone white, S & P, very fine to medium grained, angular to sub-rounded, calcareous, poorly sorted, poor to fair P & P, no stain, fluorescence or cut
5990	6050	60	Shale varicolored and variegated, waxy, fissile, silty in part, firm

SAMPLE DESCRIPTION CONT'D.

6050	6100	50	Shale as above with thin bedded Sandstone white and green, very fine grained, calcareous, argillaceous, silty, tight, no show
6100	6120	20	As above, increase in Sandstone
6120	6150	30	Shale as above, decrease in Sandstone
6150	6160	10	Shale varicolored with some dark gray blocky, silty, Shale. Sandstone becoming medium to dark gray, very silty, very argillaceous, tight, no show
6160	6180	20	Mainly Sandstone as above with gray Siltstone and some Shale as above
6180	6200	20	Sandstone white to medium gray, S & P, very fine to medium grained, calcareous to siliceous, very argillaceous, silty, poorly sorted, hard and tight, no show
6200	6210	10	Shale gray, gray-green, red, waxy, fissile with Sandstone as above
6210	6260	50	Sandstone white, S & P, very fine to medium grained, angular to sub-angular, calcareous, silty, tight, no show, with Shale varicolored and waxy as above, generally dark
6260	6270	10	Sandstone fine to very fine grained, as above
6270	6290	20	Shale gray, some red, yellow, green, waxy, fissile, firm with some Sandstone as above
6290	6300	10	Sandstone white, very fine to medium grained, angular to sub-angular, calcareous, friable, fair P & P, no fluorescence or cut
6300	6320	20	Sandstone as above with Shale as above
6320	6330	10	Shale gray to brownish gray, occasionally red, yellow, maroon, silty to waxy, firm, calcareous, with small amount of Sandstone as above
6330	6340	10	Sandstone white, S & P, very fine to medium grained, angular, calcareous, poorly sorted, poor P & P, no fluorescence or cut
6340	6380	40	Shale varicolored and variegated, waxy, firm, with some Sandstone as above
6380	6410	30	Shale becoming mainly gray with a trace of Coal
6410	6420	10	Sandstone white, S & P, very fine to medium grained, angular to sub-angular, calcareous, tight to poor P & P, no fluorescence or cut

SAMPLE DESCRIPTION CONT'D.

6420	6430	10	Shale varicolored and variegated, mainly gray, silty to waxy, blocky to fissile, firm to hard
6430	6460	30	Shale as above with Sandstone as above, argillaceous in part, tight, no show
6460	6470	10	Sandstone as above with a trace of Coal
6470	6480	10	Shale as above with Sandstone as above
6480	6500	20	Sandstone white to light gray, fine to very fine grained, angular to sub-angular, calcareous, argillaceous, silty, tight, no show, with Shale as above
6500	6550	50	Sandstone as above, friable in part, trace of Coal
6550	6570	20	Shale dark gray to grayish-brown, silty to fissile, firm
6570	6580	10	Shale as above with Sandstone white, fine to very fine grained, angular, calcareous, tight, no show, poor samples
6580	6600	20	Sandstone as above, friable in part with some Shale as above
6600	6620	20	As above, increase in Shale, trace of Sandstone with spotty brown stain, very spotty fluorescence, faint streaming cut
6620	6650	30	As above, no show
6650	6670	20	Shale medium to dark brown, silty to waxy, blocky to fissile, with Sandstone as above
6670	6680	10	Sandstone white, S & P, fine to very fine grained, angular to sub-angular, calcareous, friable, poor P & P, very spotty brown stain, faint spotty yellow fluorescence, faint streaming cut
6680	6690	10	Shale as above with Sandstone as above, no show
6690	6700	10	Shale varicolored and variegated, mainly cavings -- poor samples
6700	6750	50	Shale gray to grayish-brown, silty to waxy, fissile to blocky, with Sandstone as above and abundant cavings
6750	6790	40	As above, increase in Sandstone with a trace of Coal

SAMPLE DESCRIPTION CONT'D.

6790	6810	20	Sandstone white, S & P, very fine grained, angular to sub-rounded, calcareous, friable, poor to fair P & P, no visible show, with some gray Shale as above
6810	6850	40	Sandstone as above, very fine to medium grained
Circulate @ 6850'			
	30 minutes		Sandstone as above
	60 minutes		Sandstone as above
	90 minutes		Shale gray, waxy to silty, blocky to fissile, calcareous, firm
6850	6880	30	Shale varicolored and variegated, waxy, slightly calcareous, firm
6880	6890	10	Shale as above with Sandstone gray, very fine grained, dirty, silty, argillaceous, tight, no show
6890	6900	10	Shale as above, no Sandstone, trace of Coal
6900	6920	20	Shale as above, small amount of Sandstone as above
6920	6940	20	Shale red, gray, maroon, yellow, green, brown, variegated, waxy, slightly calcareous
6940	6950	10	Sandstone white, fine to very fine grained, S & P, angular to sub-angular, calcareous, poorly sorted, tight, no fluorescence or cut
6950	6980	30	Shale as above
6980	7000	20	Shale as above with some Sandstone white, gray, and tan, very fine grained, angular, calcareous, quartzitic, argillaceous in part, tight, no show
7000	7020	20	Shale varicolored and variegated, decrease in Sandstone
7020	7040	20	Sandstone white, S & P, fine to very fine grained, angular to sub-angular, calcareous, spotty yellow-white fluorescence, faint cut, poor P & P
7040	7060	20	Sandstone as above, no show, with varicolored Shale as above
7060	7070	10	Shale varicolored and variegated with abundant cavings
7070	7080	10	Shale as above with Sandstone as above
7080	7090	10	Shale -- cavings

SAMPLE DESCRIPTION CONT'D.

7090	7130	40	Sandstone white, S & P, very fine to fine grained, angular, calcareous, friable, poor P & P, no show
7130	7140	10	Shale varicolored and variegated, waxy, slightly calcareous, firm with a trace of Sandstone
7140	7150	10	Sandstone as above with Shale as above
7150	7160	10	Shale as above, mainly cavings
7160	7170	10	Sandstone as above
7170	7180	10	Shale varicolored and variegated, mainly cavings with Sandstone as above
7180	7230	50	Sandstone white, S & P, very fine to fine grained, angular to sub-angular, calcareous, friable, argillaceous in part, tight, no show
7230	7250	20	Sandstone as above with Shale cavings
7250	7260	10	Sandstone as above with Shale dark gray to black, fissile, carbonaceous, firm, trace of Coal
7260	7270	10	Shale cavings
7270	7290	20	Shale and Sandstone as above with abundant cavings
7290	7300	10	Sandstone white to tan, S & P, very fine grained, angular to sub-angular, calcareous, argillaceous in part, very faint spotty dull fluorescence from very fine grained silty, quartzitic Sandstone, faint crush cut, no P & P
7300	7310	10	As above, with Shale cavings
7310	7340	30	Shale dark gray to brownish-gray, silty, carbonaceous, fissile, calcareous, firm with Sandstone as above, no show
7340	7360	20	Sandstone as above with Shale as above
7360	7400	40	Sandstone as above, friable with abundant Shale cavings
7400	7410	10	Sandstone white, very fine grained, friable, angular to sub-angular, silty, calcareous, slightly clay filled, quartzitic, spotty tan stain, uniform dull yellow fluorescence, faint soak cut, tight
7410	7420	10	Sandstone as above, more quartzitic, stain, fluorescence, and cut as above, very hard and tight

SAMPLE DESCRIPTION CONT'D.

7420	7440	20	Sandstone as above with Shale dark gray to brownish-gray as above and cavings
7440	7450	10	Shale as above
Circulate @ 7450'			
	30 minutes		As above
	60 minutes		As above
	90 minutes		As above with Sandstone as above
7450	7480	30	Shale varicolored and variegated with a trace of Coal and Sandstone, abundant cavings
7480	7490	10	Sandstone white to light brown, very fine grained, quartzitic, calcareous, some pieces clay filled to argillaceous, very hard and tight, spotty brown stain, dull yellow fluorescence, faint yellow soak cut
7490	7500	10	Sandstone as above, silty in part with a trace of Coal
7500	7510	10	Shale dark gray to brownish-gray, silty to sandy, fissile, firm to brittle with Sandstone as above and Coal
7510	7530	20	Sandstone as above with Shale and Coal
7530	7540	10	As above, increase in Shale
7540	7550	10	Shale dark gray to brownish-gray, silty to sandy, calcareous, carbonaceous, fissile, firm, with Sandstone as above and abundant Coal
7550	7639	89	As above, mainly cavings -- poor samples
Circulate @ 7689'			
	60 minutes		Shale as above -- cavings
			Sandstone white, very fine grained, angular to sub-rounded, quartzitic, calcareous, occasionally argillaceous, spotty brown stain, dull yellow fluorescence, faint soak cut, hard and tight
7639	7650	11	Coal with dark gray Shale as above
7650	7700	50	Shale dark gray to grayish-brown with varicolored cavings and Sandstone and Coal
7700	7720	20	As above, increase in hard tight Sandstone
7720	7730	10	Sandstone white, S & P, very fine grained, angular to sub-angular, highly calcareous, poorly sorted, spotty faint stain, fluorescence and cut, very tight

SAMPLE DESCRIPTION CONT'D.

7730	7770	40	Sandstone as above with Coal and Shale and abundant cavings
7770	7780	10	Shale dark gray to brownish-gray with lesser amount of Sandstone as above and a trace of Coal
7780	7790	10	Cavings
7790	7830	40	Sandstone as above, quartzitic, fine to very fine grained, spotty faint stain, cut and fluorescence as above, very hard and tight
7830	7850	20	As above, with Shale as above
7850	7870	20	Shale dark brownish-gray, silty to sandy in part, splintery to fissile, firm with Sandstone white to brown, very fine grained, very silty, very quartzitic, hard and tight
7870	7930	60	Sandstone as above with Shale as above and a trace of coal
7930	7940	10	Sandstone white, S & P, very fine grained, angular, fair sorting, highly calcareous, hard and tight, no show
7940	7970	30	Sandstone as above with Shale dark gray to grayish-brown, carbonaceous, splintery, fissile, firm
7970	8010	40	Shale as above with Shale varicolored and variegated, waxy, probably cavings
8010	8040	30	Shale -- cavings
8040	8050	10	Sandstone white to brown, very fine grained, silty, calcareous, quartzitic, argillaceous in part, spotty faint yellow fluorescence, faint crush cut, hard and tight
8050	8080	30	Shale as above with a small amount of silty Sandstone as above
8080	8100	20	Shale as above, more carbonaceous, very poor samples -- mainly cavings
8100	8130	30	Shale dark gray to brownish-gray, highly carbonaceous, silty, blocky to fissile, soft to firm with a small amount of Sandstone as above, abundant cavings
8130	8140	10	Sandstone white to tan, very fine grained, silty, calcareous, poorly sorted, very tight, no show

SAMPLE DESCRIPTIO CONT'D.

8140	8150	10	Sandstone as above, dark brown, highly argil- laceous, very tight, no show, sample quality improving
8150	8190	40	Sandstone white to brown as above with Shale as above
8190	8200	10	Shale and Sandstone as above with abundant vari- colored cavings
8200	8230	30	Sandstone white to brown, S & P, very fine to fine grained, angular to sub-rounded, calcareous, quartzitic, very hard and tight, some pieces with spotty bright yellow fluorescence, very slow soak cut, with Shale as above
8230	8240	10	Cavings
8240	8250	10	Shale and Sandstone as above
8250	8310	60	Sandstone as above, fluorescence and cut as above
8310	8430	120	Shale dark gray to brownish-gray, fissile, silty, firm with some Sandstone as above
8430	8470	40	Sandstone white, fine grained, sub-angular to sub- rounded, friable, fair sorting, poor P & P, no show
	Circulate @ 8470'		Sandstone as above
8470	8510	40	Sandstone as above with Shale dark gray to dark grayish-brown, silty, splintery to fissile, carbonaceous, firm
8510	8530	20	Shale as above, with lesser amount of Sandstone as above
8530	8570	40	Sandstone white to gray, S & P, fine to very fine grained, angular to sub-angular, calcareous, quartzitic in part, very hard and tight, no show
8570	8590	20	Sandstone as above, with increase in Shale as above
8590	8600	10	Increase in Sandstone, decrease in Shale
	Circulate @ 8600'		
	30 minutes		Mainly Shale as above
	60 minutes		Mainly Shale as above
	90 minutes		Mainly Shale as above
	120 minutes		Increase in Sandstone -- cavings

SIDEWALL CORES

<u>Depth</u>	<u>Description</u>
5344	2 shots, recovered 2 Sandstone white, S & P, very fine grained, angular, calcareous, silty, clay filled, friable, tight
5952	1 shot, no recovery
5958	2 shots, recovered 2 Sandstone light gray, angular, very fine grained, very silty, heavily clay filled, highly calcareous, friable, tight
5980	2 shots, recovered 2 Sandstone dirty white to gray, S & P, very fine grained, angular, argillaceous, heavily clay filled, very silty, calcareous, friable in part, very tight
5986	1 shot, recovered 1 Sandstone white, slightly S & P, fine to very fine grained, angular to sub-rounded, highly calcareous, clay filled in part, very tight
6198	2 shots, recovered 2 Sandstone white, heavily S & P, very poorly sorted, abundant red minerals, abundant secondary calcite, highly calcareous, poor P & P to tight
6804	1 shot, recovered 1 Sandstone white, S & P, fine to very fine grained, angular to sub-rounded, calcareous, heavily clay filled, silty, tight
6820	1 shot, recovered 1 Sandstone as above
6990	1 shot, recovered 1 Sandstone as above, poor recovery
7570	2 shots, recovered 1 Sandstone very fine grained, sub-angular, argillaceous, quartzitic, uniform brown stain, fair fluorescence, slow soak cut, very tight, poor recovery

SIDEWALL CORES CONT'D.

- 7594 1 shot, no recovery
- 7596 1 shot, recovered 1
Sandstone white to tan, very fine grained, silty, angular, moderately calcareous, clay filled to argillaceous, spotty stain, fluorescence, and cut, poor P & P to tight, slight oil odor
- 7901 1 shot, recovered 1
Siltstone dark brown, some very fine grained Sandstone, very argillaceous, very tight
- 8438 2 shots, recovered 2
Sandstone white, S & P, very fine to medium grained, angular to sub-angular, highly calcareous, slightly clay filled, very poorly sorted, poor P & P to tight
- 8482 2 shots, recovered 2
Sandstone white, heavily S & P, fine to very fine grained, angular, silty, highly calcareous, argillaceous to clay filled in part, very poorly sorted, tight
- 8562 1 shot, recovered 1
Sandstone as above, very tight

CHRONOLOGICAL DRILLING SUMMARY CONT'D.

September 5	Tripping @ 7995'
September 6	Drilling @ 8045'
September 7	Drilling @ 8206'
September 8	Tripping @ 8380'
September 9	Hoisting DST #10, mis-run, T.D. 8470'
September 10	Hoisting DST #11, mis-run, T.D. 8470'
September 11	Drilling @ 8498'
September 12	Tripping @ 8568' -- lost 3 cones
September 13	Logging, T.D. 8600'
September 14	Shooting sidewall cores
September 15	Running long string

+ + + + +

FORMATION LOG TOPS

<u>Formation</u>	<u>Depth</u>	<u>Sub-sea Datum</u>
GREEN RIVER	1088	[+ 4043]
H MARKER	3030	[+ 2101]
I MARKER	3152	[+ 1979]
J MARKER	3432	[+ 1699]
K MARKER	3631	[+ 1500]
L MARKER	3916	[+ 1215]
M MARKER	3987	[+ 1144]
N MARKER	4053	[+ 1078]
WASATCH	4377	[+ 754]
LOWER WASATCH MARKER	5893	[- 762]
MESA VERDE	6208	[- 1077]
BUCK TONGUE	8308	[- 3177]
CASTLEGATE	8374	[- 3243]
MANCOS	8568	[- 3437]

DRILL STEM TESTS

DST No. 1

Formation: Green River

Interval: 1065'-1130'

Type test: Straddle

Top Packer @ 1065'

Bottom Packer @ 1130'

Top Choke: 1/4"

Bottom Choke: 15/16"

Drill Collar I.D.: 4"

Drill Pipe: 4 1/2"

Wt. on Packers: Inflatable

Tester: Jim Holmes
Lynes, Inc.

Packer Size: 11"

Pre-flow: 5 minutes

Final Flow: 46 min.

ISI: 30 minutes

FSI: 90 min.

Blow Characteristics: Tool opened with fair blow, increased to strong in less than 1 minute. Reopened with fair blow, gradually decreased to dead in 46 minutes total flow time.

Recovery: 590' slightly mud cut, fresh water

IHP 502

FSIP 327

IFP 102

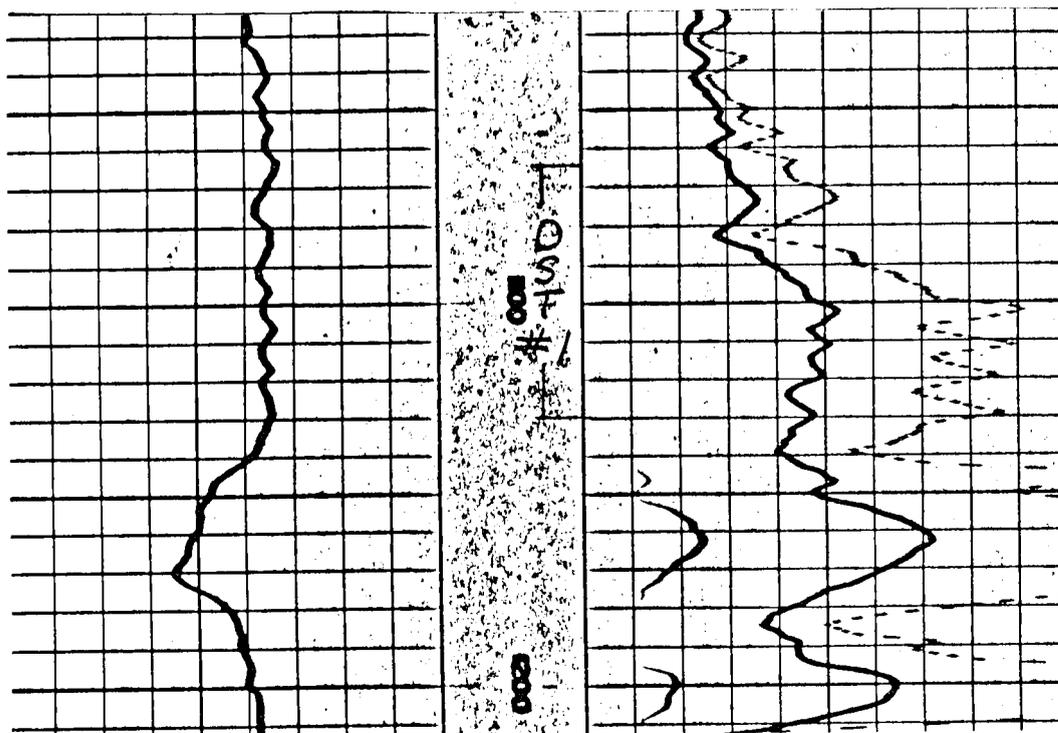
FHP 502

ISIP 327

FFP 266

BHT 102°F

Sampler: 2500 cc slightly mud cut fresh water, Rw = 3.8 @ 82°F



DRILL STEM TESTS CONT'D.

DST No. 2

Interval: 1560'-1800'

Top Packer @ 1555'

Top Choke: 1/4"

Drill Collar I.D.: 4"

Wt. on Packers: 25,000#

Packer Size: 11"

Pre-flow: 5 minutes

ISI: 30 minutes

Formation: Green River

Type Test: Straight

Bottom Packer @ 1560'

Bottom Choke: 15/16"

Drill Pipe: 4 1/2"

Tester: Jim Holmes
Lynes, Inc.

Final flow: 45 min.

FSI: 90 min.

Blow Characteristics: Tool opened with strong blow, reopened strong, steady for 10 minutes then gradually decreasing to dead after 40 minutes total flow time

Recovery: 180' slightly gas cut fresh muddy water

IHP 700

IFP 83

ISIP 155

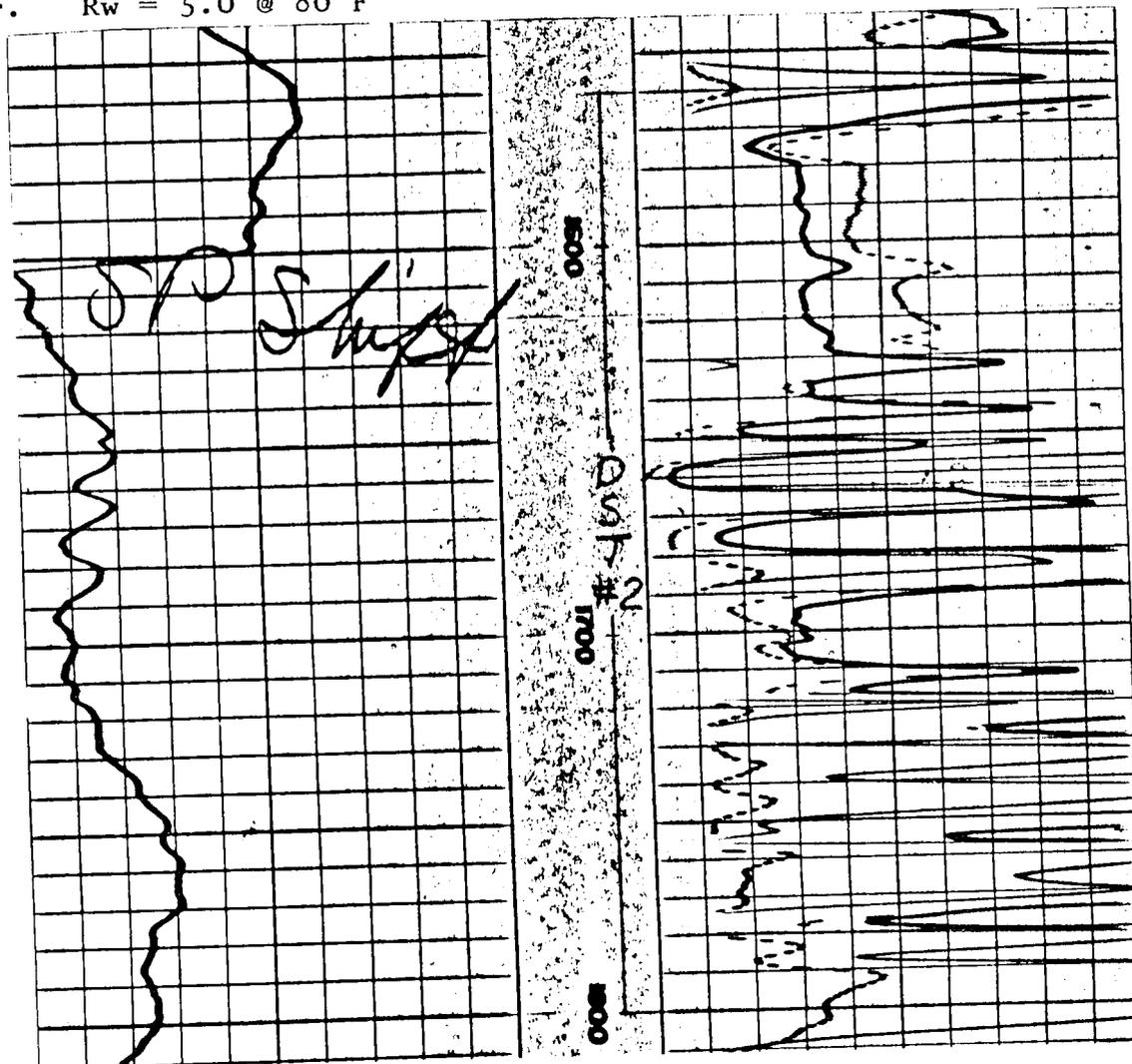
FFP 103

FSIP 155

FHP 690

BHT 100°F

Sampler: 25# pressure, 2400 cc slightly gas cut muddy fresh water. $R_w = 5.0 @ 80^{\circ}F$



DRILL STEM TESTS CONT'D.

DST No. 3

Interval: 2810'-3050'

Top Packer @ 2805'

Top Choke: 1/4"

Drill Collar I.D.: 4"

Wt. on Packers: 50,000#

Packer Size: 11"

Formation: Green River

Type Test: Straight

Bottom Packer @ 2810'

Bottom Choke: 15/16"

Drill Pipe: 4 1/2" IF

Tester: Bob Bowling
Lynes, Inc.

Pre-flow: 10 minutes

ISI: 60 minutes

Final Flow: 60 min.

FSI: 120 min.

Blow Characteristics: Tool opened with weak blow, died in 10 minutes, reopened with strong blow, to bottom of bucket immediately, steady for 20 minutes then gradually decreasing to weak at end of test

Recovery: 250 feet of mud cut water, no show of oil or gas

IHP 1404

IFP 256

ISIP 460

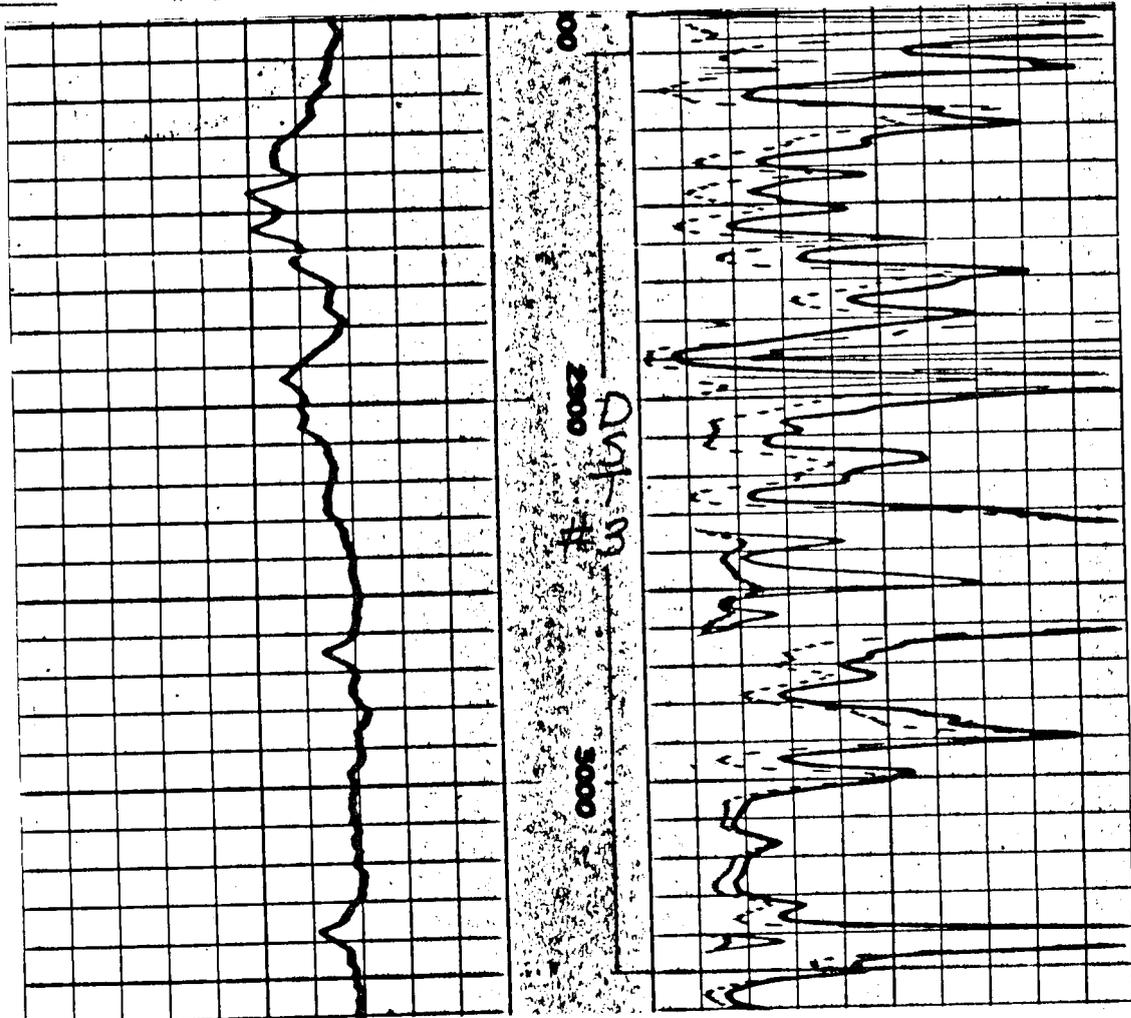
FFP 200

FSIP 526

FHP 1399

BHT 142°F

Sampler: 22# pressure, 2400 cc water cut mud. Rw = 3.8 @ 89°F



DRILL STEM TESTS CONT'D.

DST No. 4

Interval: 4775'-4880'

Top Packer @ 4770'

Top Choke: 1/4"

Drill Collar I.D.: 2 1/2"

Wt. on Packers: 30,000#

Packer Size: 6 3/4"

Formation: Wasatch

Type Test: Straight

Bottom Packer @ 4775'

Bottom Choke: 15/16"

Drill Pipe: 4 1/2"

Tester: Ray Cottrell
Lynes, Inc.

Pre-flow: 15 minutes

Final Flow: 45 min.

ISI: 30 minutes

FSI: 110 min.

Blow Characteristics: Tool opened with weak blow, decreased to faint, reopened with weak blow, died in 20 minutes, remained dead throughout test

Recovery: 294' water cut mud, no show of oil or gas

IHP 2227

FSIP 156-2194

IFP 73 - 83

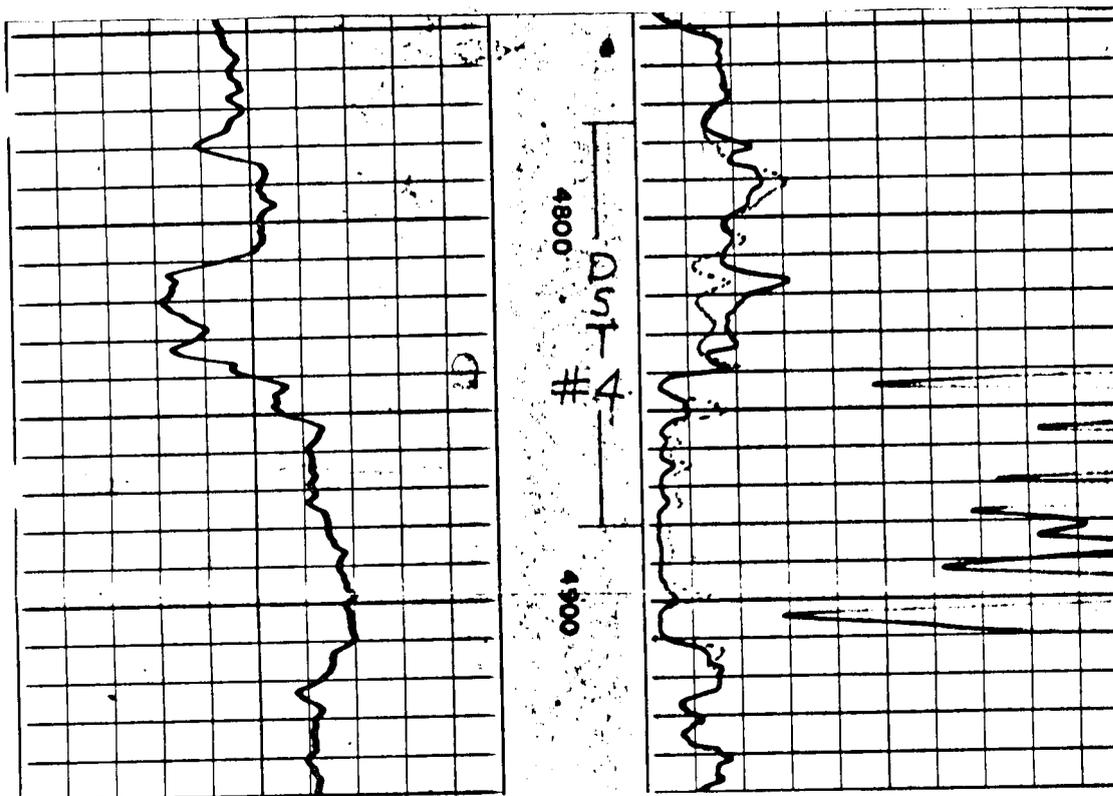
FHP 2227

ISIP 83 - 2172

FFP 83 - 156

BHT 160°F

Sampler: 2500 cc water, 30# PSI, Rw = 0.3 @ 65°F



DRILL STEM TESTS CONT'D.

DST No. 5

Interval: 5335'-5395'

Top Packer @ 5330'

Top Choke: 1/4"

Drill Collar I.D.: 2 1/2"

Wt. on Packers: 40,000#

Packer Size: 6 3/4"

Pre-flow: 5 minutes

ISI: 30 minutes

Blow Characteristics: Tool opened with strong blow, remained steady throughout test. Gas to surface in 11 minutes total flow time, stabilized @ 46.3 MCF on orifice well tester 1/4" choke

Recovery: 15' drilling mud

IHP 2497

IFP 64

ISIP 2391

FFP 64

FSIP 2391

FHP 2497

BHT 162°F

Sampler: 2# pressure, 2000 cc drilling mud

Formation: Wasatch

Type Test: Straight

Bottom Packer @ 5335'

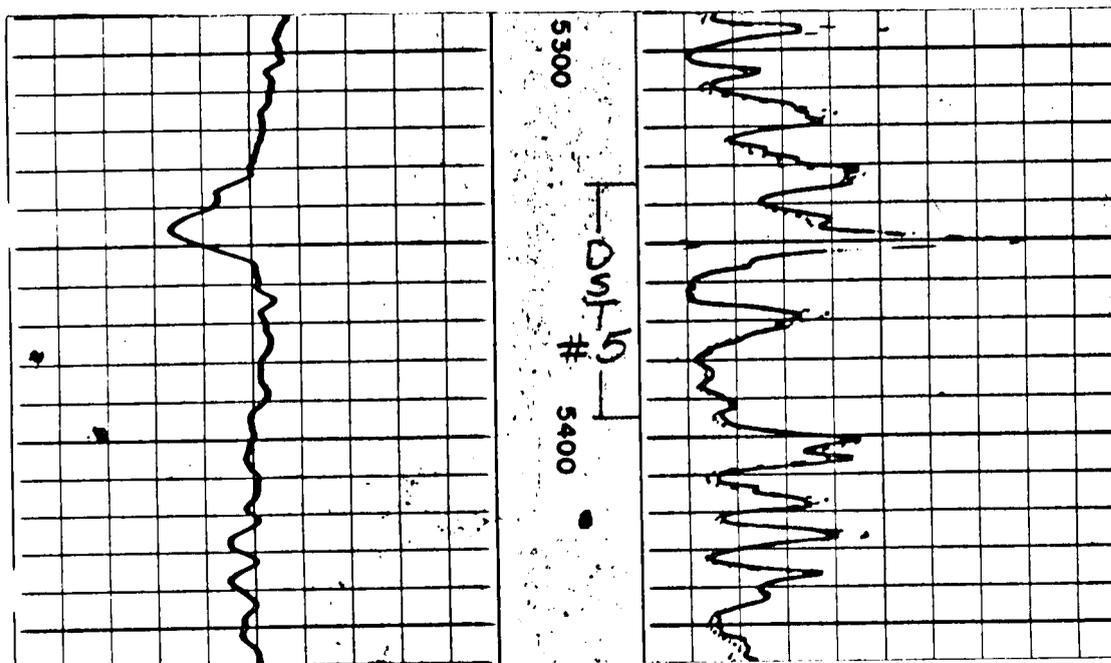
Bottom Choke: 1"

Drill Pipe: 4 1/2"

Tester: John Wheat
Lynes, Inc.

Final flow: 1 1/2 hours

FSI: 2 hours



DRILL STEM TESTS CONT'D.

DST No. 6

Interval: 5956'-5985'
 Top Packer @ 5951'
 Top Choke: 1/4" and 1"
 Drill Collar I.D.: 2 1/2"
 Wt. on Packers: 40,000#
 Packer Size: 6 3/4"

Formation: Wasatch
 Type Test: Straight
 Bottom Packer @ 5956'
 Bottom Choke: 1"
 Drill Pipe: 4 1/2"
 Tester: John Wheat
 Lynes, Inc.

Pre-flow: 5 minutes
 ISI: 30 minutes

Final flow: 2 hours
 FSI: 3 hours

Blow Characteristics: Tool opened with strong blow, gas to surface in 4 minutes. Reopened with strong blow, stabilized @ 12 1/2# on 1" orifice, gauged 539 MCF

Recovery: 10' gas cut drilling mud

IHP 2821

FSIP 2755

IFP 64 - 64

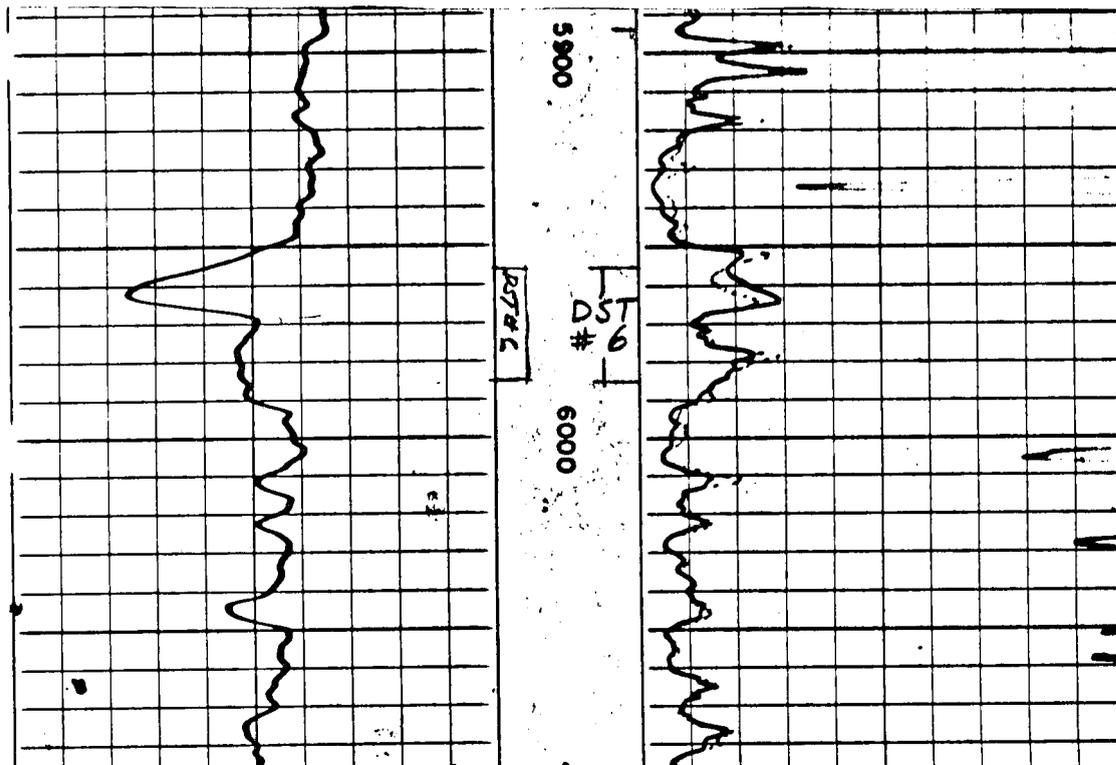
FHP 2799

ISIP 2777

FFP 64-64

BHT 152°F

Sampler: 2250 cc gas cut drilling mud, 2# pressure, gas too small to measure



DRILL STEM TESTS CONT'D.

DST No. 7

Interval: 6789'-6850'

Top Packer @ 6784'

Top Choke: 1/4"

Drill Collar I.D.: 2 1/2"

Wt. on Packers: 30,000#

Packer Size: 6 3/4"

Pre-flow: 5 minutes

ISI: 30 minutes

Formation: Mesa Verde

Type Test: Straight

Bottom Packer @ 6789'

Bottom Choke: 15/16"

Drill Pipe: 4 1/2"

Tester: John Wheat
Lynes, Inc.

Final flow: 60 min.

FSI: 120 min.

Blow Characteristics: Tool opened with strong blow, reopened with strong blow, decreased to weak in 3 minutes, remained steady throughout test

Recovery: 120' drilling mud

IHP 3332

IFP 128-128

ISIP 128-598

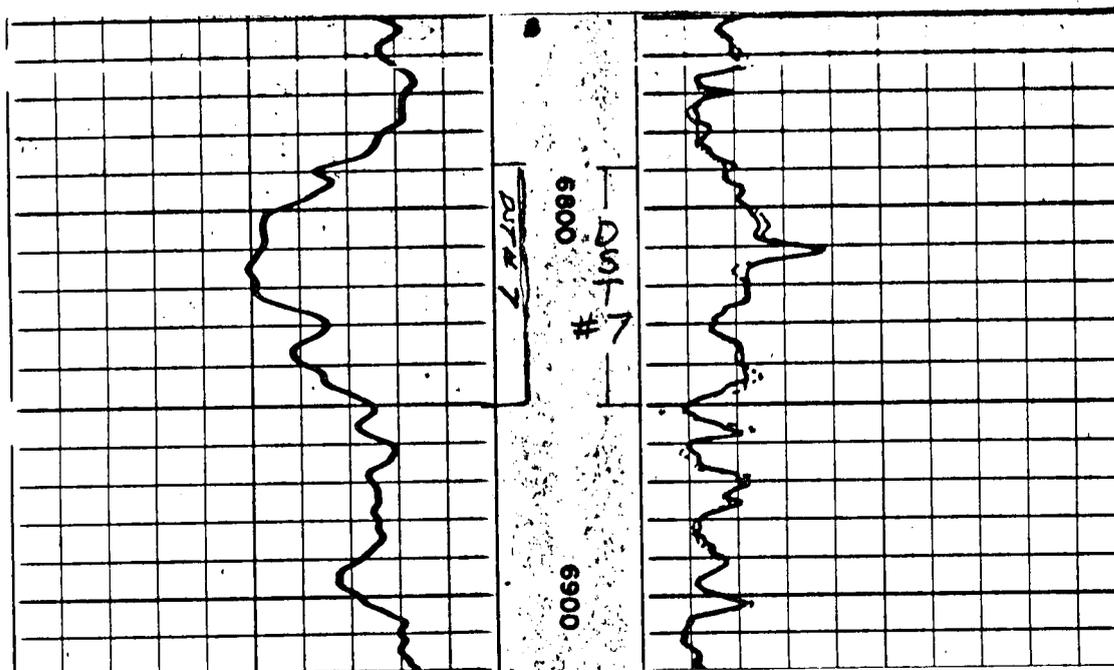
FSIP 150 - 1635

FHP 3310

BHT 202°F

FFP 128-150

Sampler: 46# pressure, gas too small to measure, 1400 cc slightly gas cut drilling mud



DRILL STEM TESTS CONT'D.

DST No. 8

Interval: 7377'-7450'
 Top Packer @ 7372'
 Top Choke: 1/4"
 Drill Collar I.D.: 2 1/2"
 Wt. on Packers: 35,000#
 Packer Size: 6 3/4"

Formation: Mesa Verde
 Type Test: Straight
 Bottom Packer @ 7377'
 Bottom Choke: 15/16"
 Drill Pipe: 4 1/2"
 Tester: I.B. Webb
 Lynes, Inc.

Pre-flow: 10 minutes
 ISI: 30 minutes

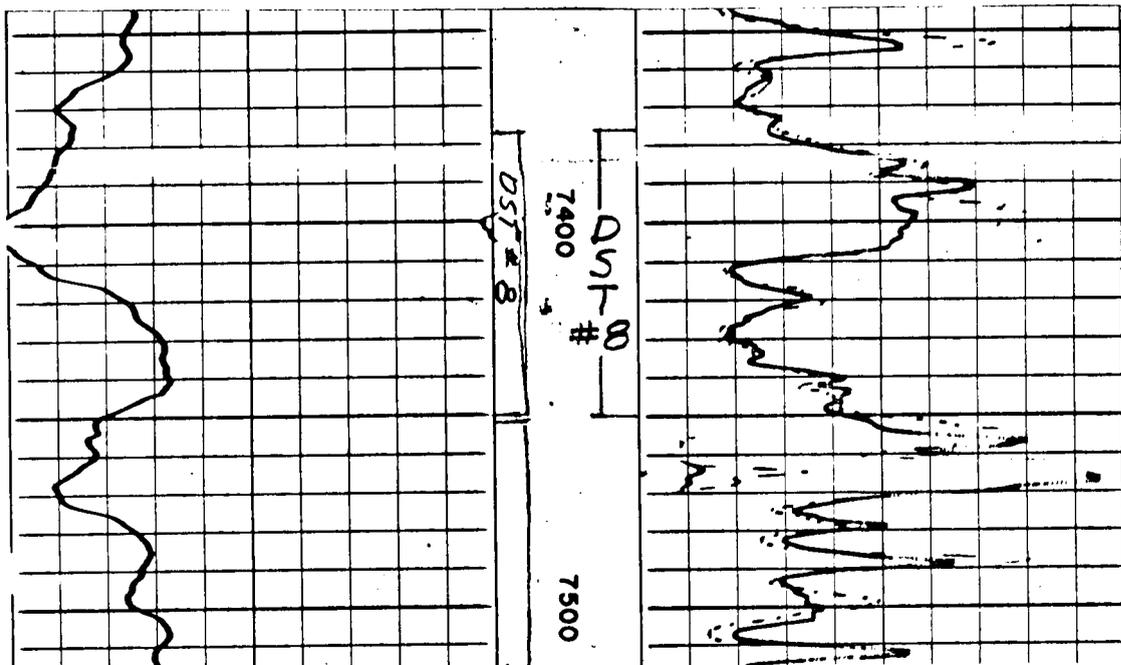
Final flow: 60 min.
 FSI: 120 min.

Blow Characteristics: Tool opened with fair blow, increased to strong, reopened fair, increased to strong for 14 minutes then decreasing to weak for remainder of test, no gas to surface

Recovery: 125' of drilling mud

IHP	3576	FSIP	339
IFP	64 - 64	FHP	3512
ISIP	297	BHT	208°F
		FFP	64-64

Sampler: 54# pressure, 0.5 cubic ft. gas, 1/2 cc gas cut mud



DRILL STEM TESTS CONT'D.

DST No. 9

Formation: Mesa Verde

Interval: 7452'-7639'

Type Test: Straight

Top Packer @ 7447'

Bottom Packer @ 7452'

Top Choke: 1/8"

Bottom Choke: 15/16"

Drill Collar I.D.: 2 1/2"

Drill Pipe: 4 1/2"

Wt. on Packers: 35,000#

Tester: Don Johnson

Packer Size: 6 3/4"

Lynes, Inc.

Pre-flow: 10 minutes 2nd. flow: 10 min. Final flow: 45 min.

ISI: none 2nd. SI: 30 min. FSI: 120 min.

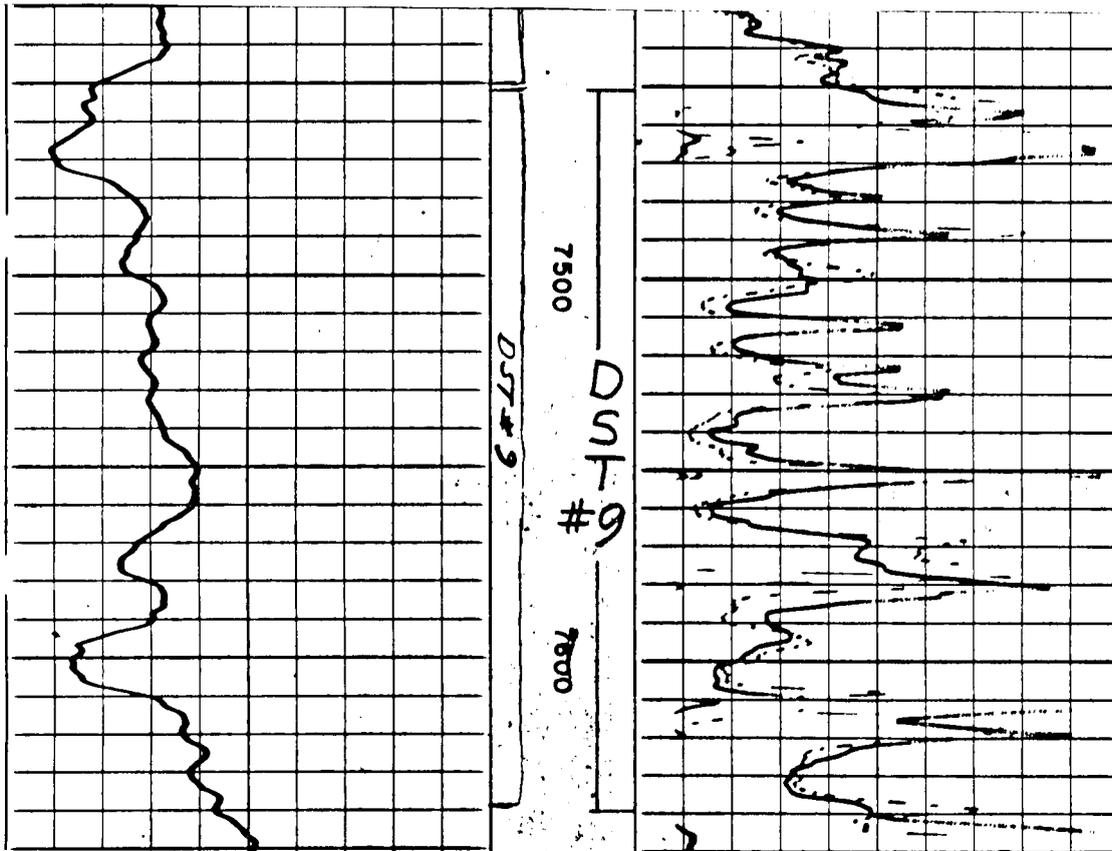
Blow Characteristics: Tool opened with strong blow, gas to surface in 13 minutes, reopened strong, steady throughout flow. Tool opened with strong blow on final flow, stabilized @ 27# on 1/8" orifice, calculates 17.8 MCF then decreased to 26# = 17.3 MCF

Recovery: 577' slightly gas cut drilling mud

IHP	4021	2nd. FP	318-318	FSIP	1419
IFP	233 - 233	2nd. SIP	1588	FHP	3957
ISIP	3957	FFP	318-382	BHT	208°F

Sampler: None used

Remarks: Hydraulic tool cycled on initial shut in causing shut in pressure to equalize @ hydrastatic pressure



DRILL STEM TESTS CONT'D.

DST No. 12

Interval: 8224'-8470'

Top Packer @ 8219'

Top Choke: 1/4" - 1/8"

Drill Collar I.D.: 2 1/2"

Wt. on Packers: 30,000#

Packer Size: 6 3/4"

Formation: Castlegate

Type Test: Straight

Bottom Packer @ 8224'

Bottom Choke: 15/16"

Drill Pipe: 4 1/2"

Tester: Don Johnson
Lynes, Inc.

Pre-flow: 10 minutes

Final flow: 60 min.

ISI: 30 minutes

FSI: 120 min.

Blow Characteristics: Tool opened with weak blow, increasing to strong in 2 minutes. Reopened strong, gas to surface in 30 minutes total flow time, maintained 1# pressure on 1/8" orifice, volume too small to measure

Recovery: 384' slightly gas cut drilling mud

IHP 4447

FSIP 540

IFP 120 - 130

FHP 4426

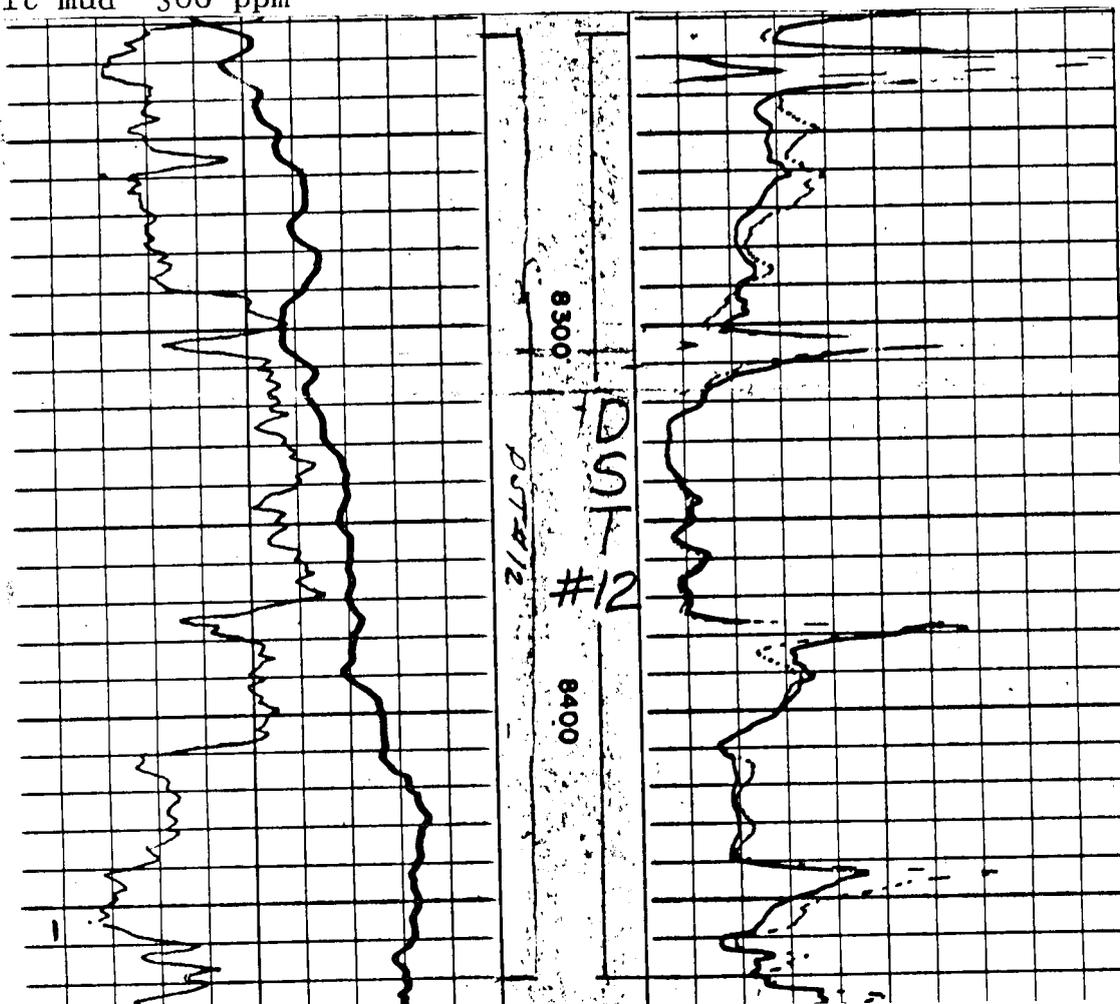
ISIP 280

FFP 120-140

BHT 218°F

Sampler: 68# pressure, gas too small to measure, no liquid

Remarks: Salinity of recovered fluid 5500 ppm, Salinity of pit mud 300 ppm



OIL & GAS CONSERVATION COMMISSION

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.)

<p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Wildcat</p> <p>2. NAME OF OPERATOR CHORNEY OIL COMPANY</p> <p>3. ADDRESS OF OPERATOR P. O. Box 144, Casper, Wyoming</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW NE (660' FNL & 1980' FEL), Sec. 18-T9S-R24E, SLM Uintah County, Utah</p> <p>14. PERMIT NO. 43-047-30124</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. Utah 0145459</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME So. Red Wash - Fed.</p> <p>9. WELL NO. 1-18</p> <p>10. FIELD AND POOL, OR WILDCAT Wildcat</p> <p>11. SEC., T., R., M., OR BLEK. AND SURVEY OR AREA Sec. 18-T9S-R24E, SLM</p> <p>12. COUNTY OR PARISH Uintah</p> <p>13. STATE Utah</p>	
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) Ungraded Grd. 5115'</p>			

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"/>	FULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
(Other) Monthly Operation Report	<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.)*

DST #11 - 8248-8470', pkr failed.
DST #12 - 8224-8470', Castlegate. Rec 384' sli GCDM.

9-15-72: Ran 8615.31' 15.5# & 17#, 5-1/2" csg landed at 8597' K.B. Cmt w/1150 sx 50/50 Pozmix, 2% gel, 18% salt, 1-1/4% CFR-2, 14.5# slurry, displ w/203 BW good returns while displ. Plug down at 7 P.M. 9-15-72. Rig released 12 Midnight 9-15-72.

10-10-72: SI. WO SU

PLEASE HOLD CONFIDENTIAL

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

SIGNED Sam T. Boltz, Jr. TITLE Operations Manager DATE October 10, 1972

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: PGT
Sabine
Stan Edwards

*See Instructions on Reverse Side

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN TRIPlicate
(Other Instructions
verse side)

Form approved.
Budget Bureau No. 42-R1424.
6. LEASE DESIGNATION AND SERIAL NO.

Utah 0145459

7. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 checked="" type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR CHORNEY OIL COMPANY		8. FARM OR LEASE NAME So. Red Wash Federal	
3. ADDRESS OF OPERATOR P. O. Box 144, Casper, Wyoming 82601		9. WELL NO. 1-18	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW NE (660' FNL & 1980' FEL) Sec. 18-T9S-R24E, S1M Uintah County, Utah		10. FIELD AND POOL, OR WILDCAT Wildcat	
14. PERMIT NO. 43-047-30124		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5115' Grd.	
		12. COUNTY OR PARISH Uintah	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 checked="" 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) _____	

(NOTE: Report results of multiple completion on Well Completion or Recorepletion 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.)*

Plan to run multiple through pipe tests of Mesaverde sands after stimulation as follows:

- Zone 1 a. Perf one JSF 8481-83', 8460-62', 8446-48', 8438-40', 8410-12', 8266-68', 8447-49', 8241-43', 7967-64', 7908-10', 7902-04', Total 33 holes.
- b. Acidize and frac.
- c. Swab and/or flow to evaluate, squeeze cement zones of water entry.
- Zone 2 a. Perf one JSF, 7789-91', 7776-78', 7596-7600', 7574-76', 7546-48', 7526-28', 7493-95', 7466-68', 7452-54', 7402-04', 7388-90', 7382-84', 7261-63'. Total 41 holes.
- b and c. Ditto above
- Zone 3 If zones 1 and 2 are productive otherwise proceed to Zone 4. Perforate additional Mesaverde zones.
- a. Perf 1 JSF, 7160-62', 7150-52', 7126-28', 7113-15', 7098-7100', 7079-81', 7066-68', 7026-28', 7005-07', 6990-92', 6975-78', 6934-36'. Total 37 holes.
- b and c. Ditto above.
- Zone 4 a. Perf one JSF, 6837-39', 6818-20', 6798-6800', 6734-38', 6616-18', 6605-07', 6548-50', 6502-04', 6496-98', 6394-96', 6352-54', 6344-46', 6318-20', 6272-74', 6236-38'. Total 47 holes.
- b and c. Ditto above.

(OVER)

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

SIGNED Sam T. Boltz, Jr. TITLE Operations Manager DATE October 30, 1972

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

cc: UO&GCC
PGT
S. Edwards
Sabine
Continental Oil Co

*See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspector looking to approval of the abandonment.

U.S. GOVERNMENT PRINTING OFFICE: 1963-O-6695229

847 - 485

Zone 5) If Mesaverde zones are not favorable for final completion, evaluate Wasatch:

- a. Perms, one JSF, 6196-98', 6186-88', 6042-44', 6018-20', 6003-05', 5983-88', 5964-66', 5958-60'. Total 27 holes.
- b. Acidize and frac
- c. Swab and/or flow to evaluate. Squeeze cement zones of water entry.

Place on production, single Mesaverde zones, commingled, or Wasatch, or in both productive, dually complete.

PLEASE HOLD IN CONFIDENCE

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other 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. OIL WELL GAS WELL OTHER Wildcat

2. NAME OF OPERATOR
CHORNEY OIL COMPANY

3. ADDRESS OF OPERATOR
P. O. Box 144, Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
NW NE (660' FNL & 1980' FEL), Sec. 18-T9S-R24E, SLM
Uintah County, Utah

14. PERMIT NO.
43-047-30124

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
Ungraded Grd. 5115'

5. LEASE DESIGNATION AND SERIAL NO.
Utah 0145459

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
So. Red Wash - Fed.

9. WELL NO.
1-18

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 18-T9S-R24E, SLM

12. COUNTY OR PARISH
Uintah

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"/>	FULL 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) _____	
(Other) MONTHLY OPERATION REPORT <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.)*

11-11-72: MIRUSU.
11-14-72: Tripping in hole.

HOLD IN CONFIDENCE

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

SIGNED Sam T. Boltz, Jr. TITLE Operations Manager DATE November 14, 1972

(This space for Federal or State office use)

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

cc: PGT
Sabine
Stan Edwards

*See Instructions on Reverse Side

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO. Utah 0145459
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME So. Red Wash - Fed.
9. WELL NO. 1-18
10. FIELD AND POOL, OR WILDCAT Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 18-T9S-R24E, SLM
12. COUNTY OR PARISH Uintah
13. STATE Utah

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 <input checked="" type="checkbox"/> Wildcat
2. NAME OF OPERATOR CHORNEY OIL COMPANY
3. ADDRESS OF OPERATOR P. O. Box 144, Casper, Wyoming 82601
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW NE (660' FNL & 1980' FEL), Sec. 18-T9S-R24E, SLM Uintah County, Utah
14. PERMIT NO. 43-047-30124
15. ELEVATIONS (Show whether DF, RT, GR, etc.) Ungraded Grd. 5115'

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) MONTHLY OPERATIONS REPORT <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.)*

Perf 11-16-72 - one jet shot per foot by Schlumberger as follows: 8481-8483', 8460-8462', 8446-8448', 8438-8440', 8410-8412', 8266-8268', 8247-8249', 8241-8243', 7962-7964', 7908-7910', 7902-7904', total 33 holes.

11-18-72 - frac treat by Dowell down 2-7/8" tubing. Frac @ 14 BPM, 9000 psi, final 21 BPM @ 7950 psi. ISI 3000 psi, 15 min 2700 psi, 2 hours 2700 psi, 58,000 gals gelled water w/700 SCF/bbl Carbon Dioxide containing 37000# 20/40 sand and 4000# 12/20 glass beads.

12-12-72: Swab testing, primarily formation water with traces of waxy oil and small amts of natural gas, ± 50 MCFPD.

PLEASE HOLD CONFIDENTIAL

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

SIGNED Sam T. Boltz, Jr. TITLE Operations Manager DATE December 12, 1972
(This space for Federal or State office use)

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

cc: PGT
SABINE
S. EDWARDS

*See Instructions on Reverse Side

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other 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 Wildcat		5. LEASE DESIGNATION AND SERIAL NO. Utah 0145459
2. NAME OF OPERATOR CHORNEY OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 144, Casper, Wyoming 82601		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW NE (660' FNL & 1980' FEL), Sec. 18-T9S-R24E, SLM Uintah County, Utah		8. FARM OR LEASE NAME So. Red Wash - Fed.
14. PERMIT NO. 43-047-30124	15. ELEVATIONS (Show whether DF, RT, GR, etc.) Ungraded Grd. 5115'	9. WELL NO. 1-18
		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 18-T9S-R24E, SLM
		12. COUNTY OR PARISH Uintah
		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) Monthly Operations Report <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.)*

12-13-72: Swab testing. A total of 260 bbls form fluid swbd from interval 7908-7910', 7902-7904'.

12-14 thru 12-18-72: Repairing sand line, working on equipment.

12-19-72: Swbg all perforations, RBP @ 8510, pkr @ 7883', FL 6350'. Rec. total of 190 BFW.

12-20-72: Flow testing.

12-21-72: Set CIBP @ 7860' w/1 sx cmt on top. Est top of cmt at 7853'. Perf by McCullough 4 holes on single plane at 7604'. Ran tbg & pkr.

12-22-72: Perf 4 holes in single plane at 7572', 7470', 7448', 7408', 7378'. Ran tbg to 7604'.

12-23-72: Displ 75 sx class G w/1% Halad 9, low fluid loss cmt. 86.25 cu ft slurry thru tbg @ 7604'. Pulled tbg to 6736'. Theoretical top of cmt in 5-1/2" csg 6957' FS. Displ 5. bbls slurry to form. Top of cmt in csg after displmt 7188' FS. Sq to max 2800 psi in two stages. Ran tbg 7356' to reverse out excess cmt. Calc 168' of tbg in cmt. Could not reverse at 2000 psi nor circ thru tbg at 5000 psi. Prep to wash over cemented tubing. SI for holidays.

12-27-72 thru 1-12-73: Washing over. Repairing equipment. Bad weather and road conditions

PLEASE HOLD CONFIDENTIAL

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

SIGNED Sam T. Boltz, Jr. TITLE Vice Pres., Operations DATE January 12, 1973

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:
PGT S. Edwards
Sabine
Continental

*See Instructions on Reverse Side

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO. Utah 0145459
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME So. Red Wash Fed.
9. WELL NO. 1-18
10. FIELD AND POOL, OR WILDCAT Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 18-T9S-R24E, SLM
12. COUNTY OR PARISH Uintah
13. STATE Utah

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 <input checked="" type="checkbox"/> Wildcat
2. NAME OF OPERATOR CHORNEY OIL COMPANY
3. ADDRESS OF OPERATOR P. O. Box 144, Casper, Wyoming 82601
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW NE (660' FNL & 1980' FEL), Sec. 18-T9S-R24E, SLM Uintah County, Utah
14. PERMIT NO. 43-047-30124
15. ELEVATIONS (Show whether DF, RT, GR, etc.) Ungraded Grd. 5115'

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) Monthly Operations Report <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.)*

- 1-13-73 thru 1-14-73: Washing over and recovering cemented tubing.
- 1-15-73: Perf. 4 holes @ 6840', 6794'. Ran tbg open ended to 6840', spotted 30 sx cmt, Pulled to 6358'. Sqz 15 sx cmt into form 1700 to 2300 psi, let set 30 min. Sqz to 2500 psi, held for 10 mins. Cmt top at 6740', POH. Ran McCullough 4-way perf gun. Gun backed off at rope socket at 5000' from btm.
- 1-16-73: Unable to retrieve gun with fishing tool. Ran McCullough perforating gun. Perf 6322 & 6372'. Ran background log, perfs in zone. Sqz cmt w/tbg @ 6324', displd cmt across perfs. Pulled tbg to 5834'. Sqz cmtd to 2500 psi 30 sx - 3 sx cmt to form. Held 2500 psi 20 min ok. POH. Let cmt set 8 hrs. Start back in hole w/bit & scrapper at 5 A.M.. Will drill out cmt & clean to top of fish.
- 1-17,18-73: Washing over, rec gun.
- 1-19-73: Drlg out cmt.
- 1-20-73: CO cmt to 7604'. Ran in to 7666' and circ hole clean. Ran Sch & Perf 7596-7600', 7574-76', 7466-68', 7452-54', 7402-04', 7388-90', 7382-84', 6835-37', 6818-20', 6798-6800', 6548-50', 6318-20', 6274-76', total 41 holes.
- 1-21-73: Ran RBP & pkr and selectively acidize perfs. Zone A perfs 7596-7600' RBP @ 7640', pkr @ 7580', spot 9.5 BA w/2 balls per each 2 BA w/30 bbls CaCl wtr, set pkr. Pmpd 15 bbls displmt when zone communicated 2 BPM 5000 psi. Reset pkr @ 7566' to cover addl perfs 7574-76'. Acidize at 6 BPM 1500 psi. Spotted addl 7 BA 1 ball each 2 bbl acid. Displd w/33 bbls CaCl set pkr & acidized. Zone A&B

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

SIGNED Sam T. Boltz, Jr. TITLE Vice President, Operations DATE February 2, 1973
(This space for Federal or State office use)

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

PGT
SE
Sabine
Continental

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

ISI 3500 psi, 5 min 2800 psi, 10 min 600 psi, 15 min 1800 psi, 20 min blew well down to atmos - 25 min back to 1800 psi. Zone C RBP @ 7480', perfs 7466-68', 7452-54', pkr @ 7445'. Spotted 12 BA 1 ball each 2 BA spotted acid w/27 bbl CaCl wtr. Set pkr. Displ acid w/16 bbl CaCl wtr. Rate 3 BPM @ 5000 psi before acid hit. 4 BPM @ 4000 psi after acid to form. ISI 3000 psi, 5 min 2900 psi, 10 min 2800 psi. RBP @ 7420, pkr @ 7375'. Perfs 7402-04', 7388-90', 7382-84'. Spotted 18 BA. 1 ball each 2 BA. Spotted w/22 bbl CaCl wtr. Set pkr displd w/22 bbl CaCl wtr. Rate 2 BPM @ 500 psi, 4 BPM @ 900 psi. After acid to form 4 BPM press incrsd to 3000 psi. Communication. Move pkr to 6780' & acidize addl perfs 6835-37', 6818-20', 6798-6800', spotted addl 18 BA w/1 ball each 2 BA. Displ w/17 bbl CaCl wtr. Rate 2 BPM 500 psi. 4 BPM @ 900 psi. 5 BPM 3000 psi. ISI 2300 psi, 5 min 2100 psi, 10 min 2000 psi. Suspect that pkr did not hold on Zone D Above. Zone F RBP @ 6560', pkr @ 6530', perfs 6548-50', spot 7 BA, w/1 ball each 2 BA. Spotted w/27 bbl CaCl wtr. Set pkr. Displd w/12 bbl CaCl wtr rate 2 BPM 500 psi. 4 BPM 700 psi, 5 BPM 3000 psi. ISI 1700 psi, 5 min 1400 psi, 10 min 1200 psi. Zone G RBP 6330, pkr @ 6240'. Perfs 6318-20', 6274-76'. Spotted 12 BA, 1 ball each 2 BA. Spotted w/14 bbl CaCl wtr. Set pkr. Displd w/16 bbl CaCl wtr rate 2 BPM 500 psi, 4 BPM @ 800 psi, 6 BPM @ 2000 psi. ISI 1800 psi. Comp @ 7 P.M. 1-21-73. Reset RBP @ 7640', pkr @ 6240'. Strip off button up well head. Pkr set w/18,000# wt. Pkr leaked communication. Total 190 BL&AWTR.

1-21-73 thru 1-31-73: Swab testing well.

FEB 8 1973

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO. Utah 0145459	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME South Red Wash Federal	
9. WELL NO. 1-18	
10. FIELD AND POOL, OR WILDCAT Wildcat	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 18-T9S-R24E, SLM	
12. COUNTY OR PARISH Uintah	13. STATE Utah

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 <input checked="" type="checkbox"/> Wildcat	
2. NAME OF OPERATOR CHORNEY OIL COMPANY	
3. ADDRESS OF OPERATOR P. O. Box 144, Casper, Wyoming 82601	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW NE (660' FNL & 1980' FEL), Sec. 18-T9S-R24E, SLM Uintah County, Utah	
14. PERMIT NO. 43-047-30124	15. ELEVATIONS (Show whether DF, RT, OR, etc.) Ungraded Grd. 5115

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) Monthly Operations Report <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.)*

2-1-73 thru 2-9-73: Swab testing.
 2-10-73: Prep to sqz cmt perfs 7574-76', 7596-7600'.
 2-11-73: Set pkr, break down form 1-1/2 BPM 3000 psi. Pmp 5 BW, 15.5 bbl cmt, 5 BW, 1750 psi on tbg. Displd cmt, closed tool, pmpd cmt to form at 1/2 BPM. Cmt to form 1/4 BPM, 4 bbl cmt to form. 1/4 BPM 4-1/2 bbl cmt to form 3000 psi. Staged for 5 min, pmpd 1/4 BPM rate, 6-1/2 BW to form press 3250 psi. Staged for 10 min, pmpd in 1/4 BPM rate 8-1/2 bbl cmt to form, press to 3400 psi. Staged 10 min @ 3-1/2 BPM pmpd 1/4 BPM rate, total 9-1/4 bbl cmt to form at 3750 psi. Filled annulus added 2-1/4 BW. Staged 24 min, bled off 400 psi, 3750-3350 psi. Pmpd in 1/4 bbl cmt, 9.5 bbl cmt to form, press 3350 to 3500 psi. Staged for 23 min, bled off 200 psi press to 3600 psi held for 6 min, released press with flowback. Pmpd back flowback, repress 3500 psi. Press to 3600 psi 10.5 bbl cmt to form. Staged, small press bleed off. Staged to 3650 psi held for 22 min, released, small flowback. Press to 3700 psi, held w/small flowback. Released pkr held back press on tbg 500 psi, reversed, no cmt to surf. Set pkr @ 7483' & press to 3000 psi. SION.
 2-12-73: Prep to sqz cmt. perfs 6798-6800', 6818-20', 6835-37'.
 2-13-73: Spotted 2 sx sd on top of RBP. Raise & set pkr @ 6682', RBP @ 6872', broke down perfs 6798-6800', 6818-20', 6835-37' w/1600 psi, 3/4 BPM. Pmpd 5 BW, 15.5 bbls cmt, 5 BW, spotted cmt & set pkr, displd cmt to form 1/4 BPM 2250 psi, 13.5 bbls cmt to form, staged 5 min, pmpd 1/4 bbl cmt press 2250 psi. Let set 15 min, pmpd 1/4

PLEASE HOLD CONFIDENTIAL

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

SIGNED Sam T. Bolton Jr. TITLE Vice President, Operations DATE March 8, 1973
 (This space for Federal or State office use)

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

PGT
Continental
SE

March 8, 1973

- bb1, press to 2500 psi, 14 bb1 cmt to form, pmpd 1/4 bb1 cmt, staged 15 min
press to 2700 psi. Let set 15 min, pmpd 1/4 bb1 cmt, staged 60 min, press to
2700 psi, no bleed back, 14-1/2 bb1 cmt to form.
- 2-14-73: Press to 3000 psi for 15 min, pkr @ 6682'. Test sqz cmt of perfs 6798-6800',
6818-20', 6835-37' held press O.K. Pulled pkr to 6433' set same. Sqz cmt perfs
6548-50', break down @ 1500 psi, 3/4 BPM for 3 min, pmp in 5 BW, mix 10-1/4 bb1
LFL cmt, 10 BW 7 bb1 CaCl wtr, set pkr. Start displmt 1/4 BPM 800 psi. Press
incrds to 1200 psi. Cleared pkr w/38-3/4 bb1s displmt @ 2100 psi. Pmpd in 1/4
BPM 39 bb1s displmt 2100 psi, 39-1/4 - 2100 psi, 34-1/2 - 2300 psi. Staged 5 min,
39-3/4 - 2600 psi, staged 15 min, 40 bb1s - 3500 psi, staged 35 min holding 3500
psi. Bled off, No visible flowback. Repress to 3500, let set 30 min, no bleed
back. 8-1/4 bb1s cmt to form 2 bb1 cmt in csg. Reverse circ cmt. No cmt to
surf. Pulled pkr to 6402', set same. Press to 3000 psi. SION.
- 2-15-73: Press up on tbg 3000#, held for 15 min on interval 6548-50'. Held O.K. Filled
annulus & pulled pkr loose. Moved pkr to 6153'. BDP 1500# 3/4 BPM for 3 mins.
Opened pkr. Pmpd 5 bb1 fresh wtr, 10-1/4 bb1s cmt, 10 bb1s fresh wtr, 7 bb1 salt
wtr. Set pkr. Pmpd 1/4 BPM displg 1200#. 38-3/4 bb1s cleared pkr @ 2100#. Displg
1/4 BPM. 39 bb1s 2100#. 39-1/4 bb1s 2100#, let set 11 min. 39-1/2 bb1s 2300#,
let set 15 min. 39-3/4 bb1s @ 2600#, let set 35 min. 40 bb1s @ 3500#, let set
30 min. Bled off press. Built back up to 40 bb1s 3500#, let set 30 min. Released
press and wound up with 39-1/2 bb1s displaced. Released pkr & reverse circulated.
No excess cmt. Pulled pkr to 6147', reset same. Pressured up to 3000#. 8-3/4
bb1s cmt in formation. 2 bb1s in csg.
- 2-16-73: Prep to drill out cement at 6274-6837'.
- 2-17-73: Drld out cmt 6173-6320, press annulus to 3000 psi. Held 15 min - released &
repress to 3000 psi. Held 15 min O.K. Drld out cmt 6460-6550'. Press to 3000
psi on annulus held 15 min. Press dropped to 2200# or loss of 800#. Repress to
3000# for 15 min dropped to 2200# - 0.4 bb1 to fill hole. Will resqz w/50 sx.
- 2-18-73: Press on perfs 6548-50' 3000 psi no leak. Pulled pkr to 6155', press to 3000 psi.
Press to 2000 psi in 2 min. Started 1/4 BPM @ 3000 psi 2 bb1s in 6 min. Mix 50
sx LFL cmt 3 BW ahead of cmt. 10-1/4 bb1s cmt slurry. 10 BW behind cmt, followed
by 10 bb1s cmt wtr. Closed pkr & start displmt at 1/4 BPM. Cleared tool 37-1/2
bb1s displ, 37-3/4 bb1s displ press @ 2900 psi, let set 5 min. 38 bb1s displmt
press to 2700 psi let set 10 min. 38-1/4 bb1s displmt press to 2650 psi let set
10 min. 37-1/2 bb1s displmt 2760 psi let set 30 min. 38-3/4 bb1s displmt 2800
psi let set 30 min. 39 bb1s 2800 psi, let set 45 min, press to 2900 psi. Released
press 1/2 bb1 flowback stopped. 8 bb1s cmt in form. 2-1/4 bb1s cmt in csg, open
tool reverse circ, no cmt. Pulled pkr to 6124', press to 2000 psi.
- 2-20-73: Drld out cmt from 6170-6320', tested perfs 6274-76', 6318-20', 6548-50', to 3000
psi, held 30 min O.K. Drld out cmt from 6720-6837', tested perfs 6798-6800',
6818-20', 6835-37' to 3000 psi for 30 min O.K.
- 2-21-73: Changing out tubing.
- 2-22-73: Ran in to 6872', washing sand off RBP, circ hole clean.
- 2-23-73: Move RBP to 7483', pkr to 7345'. Remove BOP install well head. Swab down to 6000'
FS. Making gas while swbg. Well died down to 3' lazy flame.
- 2-24-73: Prep to frac. Pkr @ 7345, RBP @ 7483, perfs 7382-84, 7388-90, 7402-04, 7452-54,
7466-68.
- 2-25-73: 150 psi on tbg after overnite SI. Gelled 1200 bb1s crude oil, start frac job
at 12:15 P.M., pmpg pad, breakdown 8000 psi. 12 BPM 2400 psi csg, TP 8000 psi.
12 BPM 120 bb1 dispmt, CP 2400 psi, TP 8000 psi 1/2#/gal 20-40 sd. 12 BPM 240
bb1s displmt CP 2400, TP 8000, 1/2#/gal 10-20 sd. 13 BPM 360 bb1 displmt CP
2400, TP 8000, 1#/gal 10-20 sd. 15 BPM 480 bb1s displmt CP 2400, TP 8000, 1-1/2#/#

South Red Wash Federal #1-18
NW NE Sec. 18-9S-24E
Uintah County, Utah

March 8, 1973

gal 10-20 sd. 15 BPM 720 bbl displmt CP 2400, TP 8000, 1# 10-20 sd, 1/2#/gal
8-12 beads. 15 BPM 980 bbls displmt CP 2400, TP 8000, cut sd clean blender.
15 BPM start flush, TP 8000#. 1025 bbls in hole, CP 2400#, TP 8000#. ISI
3200, 15 min 3200.

2-26-73: Flow & swab, rec total of 176 BFF, 849 BF&LFTR.

2-27-73: Flow & swab, rec 60 bbls, 789 BFFTR.

2-28-73: Swbg, rec 31 BFF, 758 BFFTR.

SOUTH RED WASH WELL #1-18
 NE 1/4 Sec. 18-9S-24E
 Uintah County, Utah

February 8, 1973

PERFORATIONS	RBP @	PKR @	SN @	STATIC FL	SWABBING FL	OIL PROD.	WATER PROD.	GAS PROD.	REMARKS
7596-7600, 7574-7576, 7466-7468 7452-7454, 7402-7404, 7388-7390 7382-7384, 6835-6837, 6818-6820 6798-6800, 6548-6550, 6318-6320, 6274-6276	7640	6175	6144	1500'/FS	4800'/FS	1.2 BPH	2 BPH	50' str. flame	Production well SI 12 hours. Prod. rates ave for 12 hr period
7596-7600, 7574-7576	7640	7546	7516	4000'/FS	6500'	1 BPH	2 BPH	No gas	After complete swab down fluid recovery totals 1/2 BPH oil 4 BOPD, wtr 8 BWF rate, no gas.
7466-7468, 7452-7454	7475	7422	7391	2600'/FS	7000'	.34 BPH	--	--	Zone producing green oil rate .34 BPH
7402-7404, 7388-7390, 7382-7384	7422	7298	7168	N.T.	7168	3 BPD	Neg	Neg	Zone swab down FL rose 200' in 4 hours.
6835-6837, 6818-6820, 6798-6800	6871	6750	6719	5200	6719	10 BPD	86 BPD	30' flame	Oil recover a mixture of yell & green oil. F well after 9 hr TP 350 psi blew down on 1/8" ck blew down 1 hr lazy flame.
6548-6550	6623	6499	6468	5850	?	Scum	40 BPD	Est. 200 MCFD	TP built up to 475 psi after 7 SI. Gas prod varied from 517 MCFD to 153 MCF Would be necess to keep fluid o fm, ie, produce
6320-6318, 6276-6274	6376	6238	6207	5200'	5900	Est. 16 BPD	Est. 56 BPD	10' lazy flame Gas stab.	2 hr press on t incr'd to 500 p to 10' lazy flam

SOUTH RED WASH Well #1-18
 NW NE Sec. 18-9S-24E
 Uintah County, Utah

February 1, 1973

PERFORATED INTERVAL	PACKER SETTING	RBP SETTING	SWABBED DOWN TO	FLUID RISE TO/HR.	RATE GAS	RATE WATER	RATE OIL	REMARKS
8481-8483, 8460-8462', 8446-8448, 8438-40', 8410-12'.	8306	8495	SN 8300	50'/hr.	Gas on swab pull only	1/4 BPH	Nil	Believe fluid entry would stop with continued swabbing.
8266-8268', 8247-8249', 8241-8243'	8000	8300	SN 7994	4600'/3 hr	TP built to 100 psi 3 hr. 1/8" beam 10" to 15' flame	8.8 BPH	Hvy scum oil each swab run.	
8266-8268'	8258	8300	8000	to 7100/ hr.	Gas on swab pulls only	5.18 BPH	Hvy scum of oil	After 3 hr SI FL 80 -6500' FS. TP to 5 psi, 1/4 bbl yellow oil per swab pull.
8241-8243', 8247-8249'	8194	8255	SN 8188	3000'/hr	6-8' lazy flame	5.763 BPH	1/4 bbl hvy yellow oil *per swb run	After 1 hr SI TP to 86 psi. FL 8150' t 6150' FS. *After swab down sus tains 4' lazy gas flame.
7962-7964'	7950	8015	SN 7944	Swbd to SN 3 hrs. 60'/hr	Sustains 4' lazy flame	8 BWPD 0.33 BWPH	Nil	Water entry would probably decrease with prolonged prod.
Total						20.32 BWPH 487.68 BWPD		

Paul Mathias - Honey Oil 3/9/73

finish up testing Masarende

~~SW~~
south side track 7el 1-18
sec 18 T9S R74E

T.P. = 8600

C.I.B.P. @ 7860 / cement to 7853

Ref = 7387 to 7468 in Masarende
(others squeezed off)

① set retrieval plug at \odot 6350/
50' gravel + 50' cement (top @ 6150).
(6350 above top of masarende)
6208

5 1/2" casing - cement top = Bond to log to 6100'

↓ will hold than test Masarende

PMB

duh/ain

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

Utah 0145459
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 <input checked="" type="checkbox"/> Wildcat		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR CHORNEY OIL COMPANY		8. FARM OR LEASE NAME South Red Wash Federal
3. ADDRESS OF OPERATOR P. O. Box 144, Casper, Wyoming 82601		9. WELL NO. 1-18
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW NE (660' FNL & 1980' FEL), Sec. 18-T9S-R24E, SLM Uintah County, Utah		10. FIELD AND POOL, OR WILDCAT Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 18-T9S-R24E, SLM		12. COUNTY OR PARISH Uintah
14. PERMIT NO. 43-047-30124	15. ELEVATIONS (Show whether DF, RT, GR, etc.) Ungraded Grd 5115'	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 checked="" type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" 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"/>	

(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.)*

We propose to abandon Mesaverde perforations 7382-84', 7388-90', 7402-04', 7452-54', and 7466-68' by setting a cast iron bridge plug at 6150' and dumping 2 sacks of cement on top (est. top of cement 6135').

Lower Wasatch zone will be block-squeezed w/50 sacks through 4 shots at 5966'. After drilling out to PBD 6135', another 50 sack block-squeeze will be pumped through 4 shots at 5949'. Cement will be drilled out to PBD and the squeezed perms tested to 3000 psi.

The Lower Wasatch will then be perforated with one shot at 5950', 5952', 5953-1/2', 5955', 5956', 5957', 5958', 5959', 5960', 5961', 5962-1/2', 5964', and 5965-1/2' (total of 13 shots). Perfs will be broken down with ball sealers in alcohol after which the well will be unloaded and a test conducted through a production-test unit.

Following testing, it is proposed to Gas-Frac the perms w/29,000 gals and 26,000# 10-20 and 20-40 mesh sand. The well will then be cleaned up and tested.

PLEASE HOLD CONFIDENTIAL

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

SIGNED Sam T. Boltz, Jr. TITLE Vice President, Operations DATE March 14, 1973

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: UO&GCC
PGT
SE
CF

*See Instructions on Reverse Side

Continental Oil Co.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

Utah 0145459

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME

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.)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

South Red Wash Federal

9. WELL NO.

1-18

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 18-T9S-R24E, SLM

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Wildcat		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR CHORNEY OIL COMPANY		8. FARM OR LEASE NAME South Red Wash Federal	
3. ADDRESS OF OPERATOR P. O. Box 144, Casper, Wyoming 82601		9. WELL NO. 1-18	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW NE (660' FNL & 1980' FEL), Sec. 18-T9S-R24E, SLM Uintah County, Utah		10. FIELD AND POOL, OR WILDCAT Wildcat	
14. PERMIT NO. 43-047-30124		15. ELEVATIONS (Show whether DF, RT, GR, etc.) Ungraded Grd 5115'	
		12. COUNTY OR PARISH Uintah	13. STATE Utah

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

<table border="0" style="width:100%;"> <tr> <td>TEST WATER SHUT-OFF <input type="checkbox"/></td> <td>PULL OR ALTER CASING <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input type="checkbox"/></td> <td>ABANDON* <input type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> </tr> <tr> <td>(Other) <input type="checkbox"/></td> <td></td> </tr> </table>	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"/>		<table border="0" style="width:100%;"> <tr> <td>WATER SHUT-OFF <input type="checkbox"/></td> <td>REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREATMENT <input checked="" type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOTING OR ACIDIZING <input checked="" type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> <tr> <td colspan="2">(Other) <u>Mesaverde Formation</u> <input type="checkbox"/></td> </tr> </table>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>	FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>	(Other) <u>Mesaverde Formation</u> <input type="checkbox"/>	
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"/>																			
WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>																		
FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>																		
SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>																		
(Other) <u>Mesaverde Formation</u> <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.)*

Perf Mesaverde intervals one jet shot per foot by Schlumberger as follows: 8481-8483', 8460-62', 8446-48', 8438-40', 8410-12', 8266-68', 8247-49', 8241-43', 7962-64', 7908-10', 7902-04', total 33 holes. Frac treat by Dowell down 2-7/8" tubing. Frac @ 14 BPM, 9000 psi, final 21 BPM @ 7950 psi. ISI 3000 psi, 15 min 2700 psi, 2 hours 2700 psi, 58,000 gals gelled water w/700 SCF/bbl Carbon Dioxide containing 37,000# 20/40 sand & 4000# 12/20 glass beads.

Swab tst, primarily formation water with traces of waxy oil and small amts of natural gas, ± 50 MCFPD. Selectively swab tested interval with results per attached 2-1-73 tabulation. A total of 260 bbls form fluid swbd from interval 7908-7910', 7902-04'. Zones non-commercial.

Set CIBP @ 7860' w/1 sx cmt on top. Est top of cmt at 7853'. Perf by McCullough 4 holes on single plane at 7604', 7572', 7470', 7448', 7408', 7378'. Ran tbg to 7604', to sqz cmt. Displ 75 sx class G w/1% Halad 9, low fluid loss cmt. 86.25 cu ft slurry thru tbg @ 7604'. Pulled tbg to 6736'. Theoretical top of cmt in 5-1/2" csg 6957' FS. Displ 5 bbls slurry to form. Top of cmt in csg after displmt 7188' FS. Sqz to max 2800 psi in two stages. Ran tbg 7356' to reverse out excess cmt. Calc 168' of tbg in cmt. Could not reverse at 2000 psi nor circ thru tbg @ 5000 psi. Washover cemented tbg, rec same.

Perf 4 holes @ 6840', 6794'. Ran tbg open-ended to 6840', spotted 30 sx cmt, pulled to 6358'. Sqz 15 sx cmt into form 1700 to 2300 psi, let set 30 min. Sqz to 2500 psi, held for 10 mins. Cmt top @ 6740', POH.

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

SIGNED Sam T. Boltz, Jr. TITLE Vice President, Operations DATE March 14, 1973

(This space for Federal or State Office use)

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

cc: UO&GCC
PGT
Continental
SE

*See Instructions on Reverse Side

PLEASE HOLD CONFIDENTIAL

South Red Wash Federal #1-18
NW NE Sec. 18-T9S-R24E
Uintah County, Utah

-2-

March 15, 1973

Perf 6322 & 6372'. Sqz cmtd w/tbg @ 6324'. Pulled tbg to 5834'. Sqz cmtd to 2500 psi 30 sx - 3 sx cmt to form. Held 2500 psi 20 min o.k. POH. CO cmt to 7604'. Ran Sch & perf 7596-7600', 7574-76', 7466-68', 7452-54', 7402-04', 7388-90', 7382-84', 6835-37', 6818-20', 6798-6800', 6548-50', 6318-20', 6274-76', total 41 holes.

Selectively acidize perfs. Selectively swab testing well. Results per attached 2-8-73 attachment.

Sqz cmt perfs 7574-76', 7596-7600'. 10.5 bbl cmt to formation.

Sqz cmt perfs 6798-6800', 6818-20', 6835-37' 14-1/2 bbl cmt to form.

Sqz cmt perfs 6548-50' 8-1/4 bbls cmt to form.

Sqz cmt perfs 6318-20' and 6274-76' 8-3/4 bbls cmt in form.

Drld out and press tst to 3000 psi at each perf interval. Drld out cmt 6460-6550'.

Press to 3000 psi on annulus held 15 min. Press dropped to 2200# or loss of 800#.

Repress to 3000# for 15 min dropped to 2200#. Resqz w/50 sx. 8 bbls cmt in form.

Tested perfs 6274-76', 6318-20', 6548-50', to 3000 psi, held 30 min O.K. Tested perfs 6798-6800', 6818-20', 6835-37', to 3000 psi for 30 min O.K.

Pkr @ 7345', RBP @ 7483', frac perfs 7382-84', 7388-90', 7402-04', 7452-54', 7466-68'.

Gelled 1200 bbls crude oil, start frac job, breakdown 8000 psi. 12 BPM 2400 psi csg, TP 8000 psi. 12 BPM 120 bbl displmt, CP 2400 psi, TP 8000 psi, 1/2#/gal 20-40 sd.

12 BPM 240 bbls displmt CP 2400, TP 8000, 1/2#/gal 10-20 sd. 13 BPM 360 bbl displmt

CP 2400, TP 8000, 1#/gal 10-20 sd. 15 BPM 480 bbls displmt CP 2400 TP 8000, 1-1/2#/gal

10-20 sd. 15 BPM 720 bbl displmt CP 2400, TP 8000, 1# 10-20 sd, 1/2#/gal 8-12 beads.

15 BPM 980 bbls displmt CP 2400, TP 8000, cut sd clean blender, 15 BPM start flush,

TP 8000#. 1025 bbls in hole, CP 2400#, TP 8000#. ISI 3200, 15 min 3200.

Frac went out of zone into shale zones and thru hole in casing at 7350'. Plan to isolate Mesaverde and complete in Wasatch.

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other 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. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Wildcat		5. LEASE DESIGNATION AND SERIAL NO. Utah 0145459
2. NAME OF OPERATOR CHORNEY OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 144, Casper, Wyoming 82601		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW NE (660' FNL & 1980' FEL), Sec. 18-T9S-R24E, SLM Uintah County, Utah		8. FARM OR LEASE NAME South Red Wash Federal
14. PERMIT NO. 43-047-30124	15. ELEVATIONS (Show whether DF, RT, GR, etc.) Ungraded Grd. 5115	9. WELL NO. 1-18
		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 18-T9S-R24E, SLM
		12. COUNTY OR PARISH Uintah
		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"/>
(Other) Monthly Operations Report <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.)*

3-1-73: Attempt to run Temperature lg.
 3-2-73: CO to 7477', reset pkr @ 7345'.
 3-3-73: Ran Temp Survey log. Flow log indicated fluid entry @ 7350, 7406, 7447-7470. Pumped in 100 bbls cold oil @ 3500 psi @ 1 BPM. Injected fluid into zone 7350-58', 7445-54', 7470-7478'. Flowing well into tanks 15.6 bbl.
 3-4 thru 3-8-73: Swabbing. 754 BFFTR.
 3-9-73: Pumped in 40 bbl CaCl wtr, released pkr, circ sd off RBP @ 7483'.
 3-10-73: Ran Baker CIBP @ 6150', dumped 2 sx cmt top of plug, est top cmt @ 6135'. Run McCullough 4-way sqz cmt gun w/radioactive pellets perf 5966'. Ran GR Background log. Perfs in place. Ran tubing open-ended, btm tbg @ 5971', circ hole. Pmp in 10 bbls fresh wtr, mix 50 sx LFL cmt per program, displ w/32 BW. Pulled tbg up 601' or btm @ 5350'. Pmpd down braden-head, sqz at 1/4 BPM. Pmpd in 3.8 bbls to 2500 psi, let set 55 mins, bled off press, no bleed back. 3.8 bbls in form. Repress to 2500 psi.
 3-11-73: Released 2250 psi off tbg & csg. Pull out of hole w/tbg & ran back in w/Baker scraper and bit. Tagged cmt top @ 5730', CO to 5960'.
 3-12-73: Ran McCullough wireline perf 4-way jet with radioactive tips @ 5949'. Ran Background logs, perfs in zone. Ran in hole w/open end tbg, circ hole w/CaCl wtr. Pmpd in 15 BW, mix 50 sx LFL cmt, 10.2 bbls cmt, followed w/5 BW. Displ w/26.5 bbl CaCl wtr. Pulled 640' tbg, btm of tbg 5331'. Pmpd in 1.7 bbls cmt to form. Press to 2500 psi. Held 44 min, bled back 1.7 bbls.

PLEASE HOLD CONFIDENTIAL

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

SIGNED Sam T. Boltz, Jr. TITLE Vice President, Operations DATE April 13, 1973

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

PGT
Continental
CF

*See Instructions on Reverse Side

Instructions:

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

- 3-13-73: Bled off well, 2350 psi held on sqz cmt. Pull tbz, ran bit & scraper. Top cmt @ 5526'. CO 285'.
- 3-14-73: Drl out cmt to 5960'. Press tstd perfs 5949', to 2500 psi, 15 min ok. Drl out to 5970' press tstd perfs @ 5966', 2500 psi 15 min ok. Lowered bit & scraper to 6135' & circ hole clean.
- 3-15 & 16-73: Prep for alcohol breakdown.
- 3-17-73: Ran GO International Temp Background log. Instld blast sub beneath wellhead. Ran perf gun collar locator.
- 3-18-73: Perf by GO Int. 5953-1/2, 5959-1/2, 5961-1/2, 5962-1/2. Dowell pmpd methanol. ISI 3800 psi, 15 min to 1800 psi, max 4200 psi, ave 4000 psi. Start swab @ 1:30 PM pulled 4 runs from 1300'. Well started to unload. 5 P.M. well flowed 92 bbls alcohol. 200 psi on 3/4" choke, rat 600,000 CFD. 123 bbl alcohol load & breakdown to rec.
- 3-19-73 thru 3-31-73: Flow testing.

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.
Utah 0145459

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
South Red Wash Federal

9. WELL NO.
1-18

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 18-T9S-R24E, SLM

12. COUNTY OR PARISH | 18. STATE
Uintah | Utah

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 GAS WELL OTHER **Wildcat**

2. NAME OF OPERATOR
CHORNEY OIL COMPANY

3. ADDRESS OF OPERATOR
P. O. Box 144, Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
**NW NE (660' FNL & 1980' FEL), Sec. 18-T9S-R24E, SLM
Uintah County, Utah**

14. PERMIT NO. **43-047-30124**

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
Ungraded Grd 5115

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"/>

(Other) **Monthly Operations Report**

(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.)*

4-1 thru 4-73: Flow testing well.

4-4 thru 22-73: Conducting pressure-buildup survey.

4-23-73: Pulled pressure bomb @ 8 A.M. BHT 158°F. Field reading BHP at 8 A.M. 4/23 = 2676 psig ± 4 psi.

4-24-73: RU Dowell & spotted 12 bbis gelled alcohol btm. Inj 4000 gal GF 460 + 1/2 ppg 20/40 sd @ 18 BPM followed by 4000 gal GF 460 + 1 ppg 20/40 and 4000 gal GF 460 + 3/4 ppg 10/20 sd. Started 1 ppg 10/20 @ 18 BPM 3900 psi. Press incrsd abruptly & treatment screened out when 10/20 mesh sd hit perms. Held 2500 psi back press & reversed out sd-laden fluid w/LPG. Inj total of ± 17,500 gal in formation. ISIP 2700.

4-25 thru 4-30-73: Testing well.

PLEASE HOLD CONFIDENTIAL

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

Original Signed By **Sam T. Boltz, Jr.** TITLE **Vice President, Operations** DATE **May 10, 1973**

SIGNED **Sam T. Boltz, Jr.**
(This space for Federal or State office use)

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

PGT
Continental
CF

*See Instructions on Reverse Side

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN TRIPlicate*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS <small>(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.)</small>		5. LEASE DESIGNATION AND SERIAL NO. Utah 0145459
1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR CHORNEY OIL COMPANY		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 401 Lincoln Tower Bldg., Denver, Colo. 80203		8. FARM OR LEASE NAME South Red Wash Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW NE Section 18, T9S-R24E (660' FNL & 1980' FEL)		9. WELL NO. 1-18
14. PERMIT NO. 43-047-30124		10. FIELD AND POOL, OR WILDCAT Wildcat
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5115' Ungr. Gr.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 18, T9S-R24E, S1M
		12. COUNTY OR PARISH Uintah
		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) <u>STATUS REPORT</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		<small>(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>	

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.)*

Following Gas Frac treatment on 4-24-73, well was opened and flowed thru production-test unit to the atmosphere to clean up and test. Produced total of 14,480.66 MCF of which 699.04 MCF was injected during Gas Frac (net 13,781.62 MCF new gas production) until shutting in for pressure buildup survey on 5-11-73. The producing rate during the last 122.75 hrs. of flowing averaged 1,285.4 MCFD. Gas was flared. Measured bottom-hole-pressure buildup from 5-11-73 to 6-1-73. Max. bottom-hole pressure 2721 psig @ 5940' KB. BHT 159°F. Left well SI - W.O. market.

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

SIGNED J. Paul Mathias TITLE Chief Engineer DATE 1/9/74
(This space for Federal or State office use)

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

PTS
Continental
CF

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-B355.5.

5. LEASE DESIGNATION AND SERIAL NO.

Utah-0145459

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

South Redwash Federal

9. WELL NO.

1-18

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 18-9S-24E, S1M

12. COUNTY OR PARISH

Utah

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

CHORNEY OIL COMPANY

3. ADDRESS OF OPERATOR

401 Lincoln Tower Building, Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 660' FNL & 1980' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE BEUDED

7-30-72

16. DATE T.D. REACHED

9-11-72

17. DATE COMPL. (Ready to prod.)

6-1-73

18. ELEVATIONS (OF, REB, RT, OR, ETC.)*

5115' Gr. 5131' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

8600'

21. PLUG, BACK T.D., MD & TVD

6135'

22. IF MULTIPLE COMPL., HOW MANY*

1

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

0' - 8600'

CABLE TOOLS

None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

5947' - 5968' (Wasatch)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DI-LL, SGR w/F Log, FDL, CNL & CBL

27. WAS WELL CORRED

Sidewall Cores

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	311.63'	17-1/2"	400 sxs. Class "G"	None
9-5/8"	32.3, 36 & 40#	4461.50'	12-1/4"	330 sxs. Class "G"	None
5-1/2"	15.5 & 17#	8597.00	7-7/8"	1150 sxs. 50-50 Pozmix	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-7/8"	5747'	None

31. PERFORATION RECORD (Interval, size and number)

(See Attached)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.*

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	(See Attached)

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
4/25/73	Flowing	SI - Market					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5/10-5/11/73	27.25		→	3*	1455.7	0	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-APP (CORR.)	
538	538	→	3*	1282	0		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Flared

TEST WITNESSED BY

C. Bilbey

35. LIST OF ATTACHMENTS

*Condensate

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

J. Paul Mathias

TITLE

Chief Engineer

DATE

2/15/74

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Green River	1088'		(See Attached Record of Cores & DST's)
Wasatch	4377'		
Mesaverde	6208'		
Buck Tongue	8308'		
Castlegate	8374'		
Mancos	8568'		

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH		TRUE VERT. DEPTH
	TOP	BOTTOM	
L. Wasatch	5893'		

Chorney Oil Company
South Red Wash Federal #1-18
NW NE Section 18, T9S-R24E
Uintah County, Utah

Mesaverde perforations 7902' - 04'; 7908' - 10'; 7962' - 64'; 8241' - 43';
8247' - 49'; 8266' - 68'; 8410' - 12'; 8348' - 40'; 8446' - 48'; 8460' - 62';
8481' - 83' (total of 33 holes), 1 SPF. Acidized w/1500 gals. gas well acid.
Fract w/58,000 gals. water + 41,000 bbls. sand + 700 SCF/bbl. CO₂.

Mesaverde perforations 7378', 7408', 7448', 7470', 7572' & 7604', 4 SPF.
Squeezed w/75 sxs. cement.

Shot 6794', 6840', 4 SPF. Squeezed w/15 sxs. cement

Shot 6322', 6372', 4 SPF. Squeezed w/30 sxs.

6274' - 76'; 6318' - 20'; 6548' - 50'; 6798' - 6800'; 6818' - 20'; 6835' - 37';
7382' - 84'; 7388' - 90'; 7402' - 04'; 7452' - 54'; 7466' - 68'; 7574 - 76';
7596' - 7600' (total of 41 shots), 1 SPF. Acidized w/5500 gals. Squeezed
w/444 sxs. cement.

7382' - 84'; 7389' - 90'; 7902' - 04'; 7452' - 54'; 7466' - 68'. Fract w/1025
bbls. crude & 32,730# sand.

Shot 5966', 4 SPF. Squeezed w/50 sxs. cement.

Shot 5949. Squeezed w/50 sxs. cement.

Wasatch perforations 5950' - 5965½' (13 holes), 9 shots. Broke down w/3444 gals.
methanol. Fract w/17,000 gals. gas frac fluid + 9000# sand.

SIDEWALL CORES

<u>Depth</u>	<u>Description</u>
5344	2 shots, recovered 2 Sandstone white, S & P, very fine grained, angular, calcareous, silty, clay filled, friable, tight
5952	1 shot, no recovery
5958	2 shots, recovered 2 Sandstone light gray, angular, very fine grained, very silty, heavily clay filled, highly calcareous, friable, tight
5980	2 shots, recovered 2 Sandstone dirty white to gray, S & P, very fine grained, angular, argillaceous, heavily clay filled, very silty, calcareous, friable in part, very tight
5986	1 shot, recovered 1 Sandstone white, slightly S & P, fine to very fine grained, angular to sub-rounded, highly calcareous, clay filled in part, very tight
6198	2 shots, recovered 2 Sandstone white, heavily S & P, very poorly sorted, abundant red minerals, abundant secondary calcite, highly calcareous, poor P & P to tight
6804	1 shot, recovered 1 Sandstone white, S & P, fine to very fine grained, angular to sub-rounded, calcareous, heavily clay filled, silty, tight
6820	1 shot, recovered 1 Sandstone as above
6990	1 shot, recovered 1 Sandstone as above, poor recovery
7570	2 shots, recovered 1 Sandstone very fine grained, sub-angular, argillaceous, quartzitic, uniform brown stain, fair fluorescence, slow soak cut, very tight, poor recovery

SIDEWALL CORES CONT'D.

- 7594 1 shot, no recovery
- 7596 1 shot, recovered 1
Sandstone white to tan, very fine grained, silty, angular, moderately calcareous, clay filled to argillaceous, spotty stain, fluorescence, and cut, poor P & P to tight, slight oil odor
- 7901 1 shot, recovered 1
Siltstone dark brown, some very fine grained Sandstone, very argillaceous, very tight
- 8438 2 shots, recovered 2
Sandstone white, S & P, very fine to medium grained, angular to sub-angular, highly calcareous, slightly clay filled, very poorly sorted, poor P & P to tight
- 8482 2 shots, recovered 2
Sandstone white, heavily S & P, fine to very fine grained, angular, silty, highly calcareous, argillaceous to clay filled in part, very poorly sorted, tight
- 8562 1 shot, recovered 1
Sandstone as above, very tight

DRILL STEM TESTS

DST No. 1

Interval: 1065'-1130'

Top Packer @ 1065'

Top Choke: 1/4"

Drill Collar I.D.: 4"

Wt. on Packers: Inflatable

Packer Size: 11"

Pre-flow: 5 minutes

ISI: 30 minutes

Blow Characteristics: Tool opened with fair blow, increased to strong in less than 1 minute. Reopened with fair blow, gradually decreased to dead in 46 minutes total flow time.

Recovery: 590' slightly mud cut, fresh water

IHP 502

IFP 102

ISIP 327

FFP 266

FSIP 327

FHP 502

BHT 102°F

Sampler: 2500 cc slightly mud cut fresh water, Rw = 3.8 @ 82°F

Formation: Green River

Type test: Straddle

Bottom Packer @ 1130'

Bottom Choke: 15/16"

Drill Pipe: 4 1/2"

Tester: Jim Holmes
Lynes, Inc.

Final Flow: 46 min.

FSI: 90 min.

DRILL STEM TESTS CONT'D.

DST No. 2

Interval: 1560'-1800'

Top Packer @ 1555'

Top Choke: 1/4"

Drill Collar I.D.: 4"

Wt. on Packers: 25,000#

Packer Size: 11"

Pre-flow: 5 minutes

ISI: 30 minutes

Blow Characteristics: Tool opened with strong blow, reopened strong, steady for 10 minutes then gradually decreasing to dead after 40 minutes total flow time

Recovery: 180' slightly gas cut fresh muddy water

IHP 700

IFP 83

ISIP 155

FFP 103

FSIP 155

FHP 690

BHT 100°F

Sampler: 25# pressure, 2400 cc slightly gas cut muddy fresh water. Rw = 5.0 @ 80°F

Formation: Green River

Type Test: Straight

Bottom Packer @ 1560'

Bottom Choke: 15/16"

Drill Pipe: 4 1/2"

Tester: Jim Holmes
Lynes, Inc.

Final flow: 45 min.

FSI: 90 min.

DRILL STEM TESTS CONT'D.

DST No. 3

Interval: 2810'-3050'

Top Packer @ 2805'

Top Choke: 1/4"

Drill Collar I.D.: 4"

Wt. on Packers: 50,000#

Packer Size: 11"

Pre-flow: 10 minutes

ISI: 60 minutes

Blow Characteristics: Tool opened with weak blow, died in 10 minutes, reopened with strong blow, to bottom of bucket immediately, steady for 20 minutes then gradually decreasing to weak at end of test

Recovery: 250 feet of mud cut water, no show of oil or gas

IHP 1404

IFP 256

ISIP 460

FFP 200

FSIP 526

PHP 1399

BHT 142°F

Sampler: 22# pressure, 2400 cc water cut mud. $R_w = 3.8 @ 89^\circ F$

Formation: Green River

Type Test: Straight

Bottom Packer @ 2810'

Bottom Choke: 15/16"

Drill Pipe: 4 1/2" IF

Tester: Bob Bowling
Lynes, Inc.

Final Flow: 60 min.

FSI: 120 min.

DRILL STEM TESTS CONT'D.

DST No. 4

Interval: 4775'-4880'

Top Packer @ 4770'

Top Choke: 1/4"

Drill Collar I.D.: 2 1/2"

Wt. on Packers: 30,000#

Packer Size: 6 3/4"

Pre-flow: 15 minutes

ISI: 30 minutes

Blow Characteristics: Tool opened with weak blow, decreased to faint, reopened with weak blow, died in 20 minutes, remained dead throughout test

Recovery: 294' water cut mud, no show of oil or gas

IHP 2227

IFP 73 - 83

ISIP 83 - 2172

FFP 83 - 156

FSIP 156-2194

PHP 2227

BHT 160°F

Sampler: 2500 cc water, 30# PSI, $R_w = 0.3 @ 65^\circ F$

Formation: Wasatch

Type Test: Straight

Bottom Packer @ 4775'

Bottom Choke: 15/16"

Drill Pipe: 4 1/2"

Tester: Ray Cottrell
Lynes, Inc.

Final Flow: 45 min.

FSI: 110 min.

DRILL STEM TESTS NT'D.

DST No. 5

Interval: 5335'-5395'

Top Packer @ 5330'

Top Choke: 1/4"

Drill Collar I.D.: 2 1/2"

Wt. on Packers: 40,000#

Packer Size: 6 3/4"

Pre-flow: 5 minutes

ISI: 30 minutes

Blow Characteristics: Tool opened with strong blow, remained steady throughout test. Gas to surface in 11 minutes total flow time, stabilized @ 46.3 MCF on orifice well tester 1/4" choke

Recovery: 15' drilling mud

IHP 2497

IFP 64

ISIP 2391

FFP 64

FSIP 2391

FHP 2497

BHT 162°F

Sampler: 2 1/2" pressure, 2000 cc drilling mud

Formation: Wasatch

Type Test: Straight

Bottom Packer @ 5335'

Bottom Choke: 1"

Drill Pipe: 4 1/2"

Tester: John Wheat
Lynes, Inc.

Final flow: 1 1/2 hours

FSI: 2 hours

DRILL STEM TESTS CONT'D.

DST No. 6

Interval: 5956'-5985'

Top Packer @ 5951'

Top Choke: 1/4" and 1"

Drill Collar I.D.: 2 1/2"

Wt. on Packers: 40,000#

Packer Size: 6 3/4"

Pre-flow: 5 minutes

ISI: 30 minutes

Blow Characteristics: Tool opened with strong blow, gas to surface in 4 minutes. Reopened with strong blow, stabilized @ 12 1/2" on 1" orifice, gauged 539 MCF

Recovery: 10' gas cut drilling mud

IHP 2821

IFP 64 - 64

ISIP 2777

FFP 64-64

FSIP 2755

FHP 2799

BHT 152°F

Sampler: 2250 cc gas cut drilling mud, 2 1/2" pressure, gas too small to measure

Formation: Wasatch

Type Test: Straight

Bottom Packer @ 5956'

Bottom Choke: 1"

Drill Pipe: 4 1/2"

Tester: John Wheat
Lynes, Inc.

Final flow: 2 hours

FSI: 3 hours

DRILL STEM TESTS CONT'D.

DST No. 7

Interval: 6789'-6850'

Top Packer @ 6784'

Top Choke: 1/4"

Drill Collar I.D.: 2 1/2"

Wt. on Packers: 30,000#

Packer Size: 6 3/4"

Pre-flow: 5 minutes

ISI: 30 minutes

Blow Characteristics: Tool opened with strong blow, reopened with strong blow, decreased to weak in 3 minutes, remained steady throughout test

Recovery: 120' drilling mud

IHP 3332

IFP 128-128

ISIP 128-598

FFP 128-150

FSIP 150 - 1635

FHP 3310

BHT 202°F

Sampler: 46# pressure, gas too small to measure, 1400 cc slightly gas cut drilling mud

Formation: Mesa Verde

Type Test: Straight

Bottom Packer @ 6789'

Bottom Choke: 15/16"

Drill Pipe: 4 1/2"

Tester: John Wheat
Lynes, Inc.

Final flow: 60 min.

FSI: 120 min.

DRILL STEM TESTS CONT'D.

DST No. 8

Interval: 7377'-7450'

Top Packer @ 7372'

Top Choke: 1/4"

Drill Collar I.D.: 2 1/2"

Wt. on Packers: 35,000#

Packer Size: 6 3/4"

Pre-flow: 10 minutes

ISI: 30 minutes

Blow Characteristics: Tool opened with fair blow, increased to strong, reopened fair, increased to strong for 14 minutes then decreasing to weak for remainder of test, no gas to surface

Recovery: 125' of drilling mud

IHP 3576

IFP 64 - 64

ISIP 297

FFP 64-64

FSIP 339

FHP 3512

BHT 208°F

Sampler: 54# pressure, 0.5 cubic ft. gas, 1/2 cc gas cut mud

Formation: Mesa Verde

Type Test: Straight

Bottom Packer @ 7377'

Bottom Choke: 15/16"

Drill Pipe: 4 1/2"

Tester: I.B. Webb
Lynes, Inc.

Final flow: 60 min.

FSI: 120 min.

DRILL STEM TESTS CONT'D.

DST No. 9

Interval: 7452'-7639'

Top Packer @ 7447'

Top Choke: 1/8"

Drill Collar I.D.: 2 1/2"

Wt. on Packers: 35,000#

Packer Size: 6 3/4"

Formation: Mesa Verde

Type Test: Straight

Bottom Packer @ 7452'

Bottom Choke: 15/16"

Drill Pipe: 4 1/2"

Tester: Don Johnson
Lynes, Inc.

Pre-flow: 10 minutes 2nd. flow: 10 min. Final flow: 45 min.

ISI: none 2nd. SI: 30 min. FSI: 120 min.

Blow Characteristics: Tool opened with strong blow, gas to surface in 13 minutes, reopened strong, steady throughout flow. Tool opened with strong blow on final flow, stabilized @ 27# on 1/8" orifice, calculates 17.8 MCF then decreased to 26# = 17.3 MCF

Recovery: 577' slightly gas cut drilling mud

IHP	4021	2nd. FP	318-318	FSIP	1419
IFP	233 - 233	2nd. SIP	1588	FHP	3957
ISIP	3957	FFP	318-382	BHT	208°F

Sampler: None used

Remarks: Hydraulic tool cycled on initial shut in causing shut in pressure to equalize @ hydrastatic pressure

DRILL STEM TESTS CONT'D.

DST No. 10

Formation: Castlegate

Interval: 8238' - 8470'

Misrun

DRILL STEM TESTS CONT'

DST No. 11

Formation: Castlegate

Interval: 8230' -8470'

Misrun

DRILL STEM TESTS CONT'D.

DST No. 12

Formation: Castlegate

Interval: 8224'-8470'

Type Test: Straight

Top Packer @ 8219'

Bottom Packer @ 8224'

Top Choke: 1/4" - 1/8"

Bottom Choke: 15/16"

Drill Collar I.D.: 2 1/2"

Drill Pipe: 4 1/2"

Wt. on Packers: 30,000#

Tester: Don Johnson
Lynes, Inc.

Packer Size: 6 3/4"

Pre-flow: 10 minutes

Final flow: 60 min.

ISI: 30 minutes

FSI: 120 min.

Blow Characteristics: Tool opened with weak blow, increasing to strong in 2 minutes. Reopened strong, gas to surface in 30 minutes total flow time, maintained 1# pressure on 1/8" orifice, volume too small to measure

Recovery: 384' slightly gas cut drilling mud

IHP 4447

FSIP 540

IFP 120 - 130

FHP 4426

ISIP 280

FFP 120-140

BHT 218°F

Sampler: 68# pressure, gas too small to measure, no liquid

Remarks: Salinity of recovered fluid 5500 ppm, Salinity of pit mud 300 ppm



United States Department of the Interior

GEOLOGICAL SURVEY

P.O. BOX 2859
CASPER, WYOMING 82601

IN REPLY REFER TO: 92-W

June 12, 1974

Chorney Oil Company
401 Lincoln Tower Building
1860 Lincoln Street
Denver, Colorado 80203

Re: Utah 0145459
Beehive Unit Area, Utah
Non-Participating Well 1-18

Gentlemen:

Our files indicate that we have not received form 9-361, Lessee's Monthly Report of Sales and Royalty, covering the referenced property for June, July, August, September, October, November, and December 1973, as well as January, February, March, and April 1974.

Please arrange for two copies to reach this office by June 28, 1974.

Sincerely yours,

R. C. Gettys
Area Petroleum Accountant

June 26, 1974

Mr. R. C. Gettys
Area Petroleum Accountant
U. S. Department of the Interior
Geological Survey
P. O. Box 2859
Casper, Wyoming 82601

Dear Mr. Gettys:

Re: Your Reference No. 92-W
Utah 0145459
Beehive Unit Area, Utah
Non-Participating Well 1-18

Reference is made to your letter of June 12, 1974. We are attaching Form 9-361, covering the referenced property, for the months of June, July, August, September, October, November, and December, 1973, as well as January, February, March, and April, 1974, as requested.

Effective June 1, 1974, Pacific Transmission Supply Company, 245 Market Street, San Francisco, California, 94105, assumed operation of the above unit area.

Yours very truly,

Sam T. Boltz, Jg.
Vice President - Operations

STB/sw

Enclosures

POOR COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R366.S.
Utah
LAND OFFICE
LEASE NUMBER U-0145459
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field _____

The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 1975,

Agent's address 245 Market Street Company Pacific Transmission Supply

San Francisco, CA 94105 Signed E.H. Wmian

Phone (415) 781-0474 Agent's title Manager of Mineral Leases

SEC. AND $\frac{1}{4}$ OF $\frac{1}{4}$	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)
NWNE Sec.18	9S	24E	1-18	0						Shut-in

2/6/75
USGS
UO&GCC
COC
FILES

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE Utah
LEASE NUMBER U-0145459
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field _____

The following is a correct report of operations and production (including drilling and producing wells) for the month of August thru Dec., 1975,

Agent's address 245 Market Street Company Pacific Transmission Supply
San Francisco, CA 94105 Signed Ed Wimmer

Phone (415) 781-0474 Agent's title Manager of Mineral Leases

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)
NWNE Sec. 18	9S	24E	1-18	0						Shut-in

1/9/76
USGS
UO&GCC
COC
FILES

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;
No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

JAN 12 1976

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-0145459
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field _____

The following is a correct report of operations and production (including drilling and producing wells) for the month of Jan. thru August, 1976,

Agent's address 245 Market Street Company Pacific Transmission Supply
San Francisco, CA 94105 Signed E H Uman

Phone (415) 781-0474 Agent's title Manager of Mineral Leases

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)
NWNE Sec. 18	9S	24E	1-18	0						Shut-in

USGS
~~101000~~
COC

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;
No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

JAN 12 1976

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-0145459
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field _____

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 1976,

Agent's address 245 Market Street Company Pacific Transmission Supply

San Francisco, CA 94105 Signed E.H. Winder

Phone (415) 781-0474 Agent's title Manager of Mineral Leases

SEC. AND ¼ OF ¼	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)
NWNE Sec. 18	9S	24E	1-18	2	None		1,032	None	None	Gas flared during flow test

USGS

COC

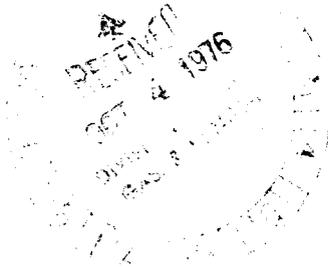
NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;
No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

PACIFIC TRANSMISSION SUPPLY COMPANY

212 GOODSTEIN BUILDING
P. O. BOX 3093
CASPER, WYOMING 82601
(307) 265-1027

September 30, 1976



Chorney file

Mr. Edgar W. Guynn
U. S. GEOLOGICAL SURVEY
8426 Federal Building
Salt Lake City, Utah 84116

Dear Mr. Guynn,

Enclosed please find, for your approval, the Sundry Notices regarding the PTS #23-25 Federal (Sec. 25-T8S-R23E) where we are requesting permission to lay a temporary surface fuel gas line from the #1-18 to the PTS #23-25 Federal to supply fuel gas to drill the PTS #23-25 Federal. The #1-18 will be the source well for the gas.

The proposed route is shown on the attached sketch.

Yours very truly,

Dee E. Beardsley

DEE E. BEARDSLEY
District Manager

DEB:a

cc: Mr. Cleon B. Feight
Division of Oil, Gas & Mining
State of Utah
1588 West North Temple
Salt Lake City, Utah 84116

Chorney Oil Company
401 Lincoln Tower Building
Denver, Colorado 80203

*Cathy, I send letter
Please send copy of Approval.
Address letter to Chorney
& full them they will
be expected to file
monthly production
reports.*

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-0145459

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

South Red Wash Federal

9. WELL NO.

1-18

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 18, T9S-R24E

12. COUNTY OR PARISH

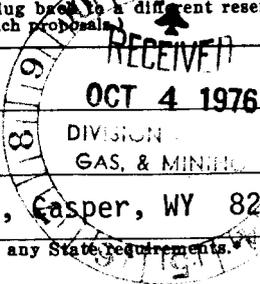
Uintah

13. STATE

Utah

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 GAS WELL OTHER

2. NAME OF OPERATOR
PACIFIC TRANSMISSION SUPPLY COMPANY

3. ADDRESS OF OPERATOR
212 Goodstein Building, P.O. Box 3093, Casper, WY 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
660' FNL & 1980' FEL

14. PERMIT NO.
43-047-30124

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5115' Gr. 5131' KB

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

(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.)*

PTS REQUESTS PERMISSION TO PRODUCE THE CHORNEY OIL COMPANY 1-18 FEDERAL FOR A PERIOD OF APPROXIMATELY 120 DAYS AT THE RATE OF ABOUT 250 MCF/DAY. THIS PRODUCTION WILL BE USED FOR FUEL GAS TO DRILL THE PROPOSED PTS 23-25 FEDERAL.

THE FUEL GAS WILL BE METERED AND ALL ROYALTIES PAID ACCORDING TO NTL-4.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: Oct 12, 1976

BY: P.H. Amical

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

SIGNED Dee E. Beardsley TITLE District Manager

DATE September 30, 1976

(This space for Federal or State office use)

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

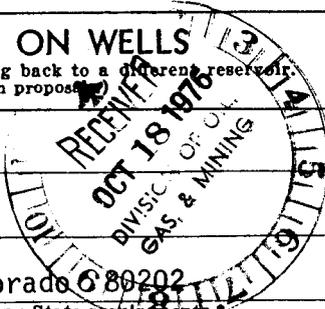
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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 checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-0145459
2. NAME OF OPERATOR PACIFIC TRANSMISSION SUPPLY COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 633 17th Street, Suite 2140, Denver, Colorado 80202		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FNL & 1980' FEL		8. FARM OR LEASE NAME South Red Wash Federal
14. PERMIT NO.		9. WELL NO. 1-18
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5115' Gr., 5131' K.B.		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 18, T9S-R24E
		12. COUNTY OR PARISH Uintah
		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 checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Flow test</u>	

(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.)*

~~PLEASE HOLD CONFIDENTIAL~~

Operator flow tested the captioned well as follows:

9/21/76 - Flow tested through 3/4" choke for 7 hrs. 1,626,600 c.f. @ 60°F flowing temperature. Total gas produced 503 MCF in 7 hours.

9/22/76 - Flow tested through 3/4" choke for 8 hrs. 1,604,000 c.f. per day. Total gas produced 529 MCF in 8 hrs.

A total of 1032MCF was flared during testing.

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

SIGNED [Signature] TITLE EXPLORATION MANAGER DATE 10/12/76

(This space for Federal or State office use)

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



RAYMOND CHORNEY,
PRESIDENT

well file

CHORNEY OIL COMPANY

401 LINCOLN TOWER BUILDING
1860 LINCOLN STREET
DENVER, COLORADO 80203

PHONE 303/573-5858

October 15, 1976

P

Mr. Dee E. Beardsley
Pacific Transmission Supply Co.
P. O. Box 3093
Casper, Wyoming 82601

Dear Dee:

I am attaching correspondence received from the State of Utah concerning Pacific Transmission Supply in anticipation of your producing Red Wash Federal Well No. 1-18. When this well is turned on, the State of Utah will require monthly production reports. As Pacific Transmission Supply is the Operator of records, it will be your responsibility to supply the State of Utah required forms. I am submitting their request with attachments in full, to you for further handling.

By copy of this letter to the Utah State Oil and Gas Conservation Commission, I am alerting them that you will be fulfilling their request.

Yours very truly,

Sam T. Boltz, Jr.
Vice President - Operations

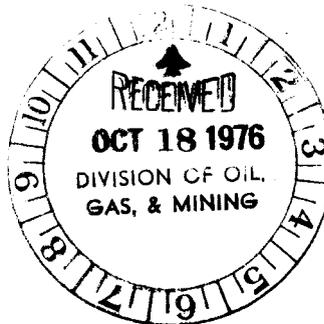
STB:ckf

CC: Mr. Cleon B. Feight
State of Utah Dept. of
Natural Resources
1588 West North Temple
Salt Lake City, UT 84116
Attn: Kathy Ostler

Kathy: I do not have a current copy of the Utah Oil & Gas Conservation General Rules & Regulations booklet. I would appreciate your furnishing us with two copies.

Mr. Jack Wroble
Pacific Transmission Supply
245 Market Street
San Francisco, CA 94105

L. Stanley - COC





CALVIN L. RAMPTON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

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
October 18, 1976

OIL, GAS, AND MINING BOARD

GUY N. CARDON
Chairman

CHARLES R. HENDERSON
ROBERT R. NORMAN
I. DANIEL STEWART
HYRUM L. LEE

Pacific Transmission Supply Co.
633 17th Street, Suite 2140
Denver, Colorado 80202

Attn: Dee E. Beardsley

Re: Request to hold production data
confidential on:
Well No. South Red Wash Fed. 1-18
Sec. 18, T. 9S, R. 24E
Uintah County, Utah

Dear Mr. Beardsley:

Please find enclosed General Rules & Regulations booklet as
per request of October 15, 1976.

Also, please be advised that the request to hold above
mentioned material confidential cannot be fulfilled. It is
beyond allowed time to hold this well confidential by statute of
this Divisions Rules & Regulations. (Please refer to Rule C-5).

If you have any questions about this matter, please do not
hesitate to call or write this office.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

KATHY OSTLER
RECORDS CLERK

/KO
cc

enclosure

JAN 12 1976

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER U-0145459
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field _____

The following is a correct report of operations and production (including drilling and producing wells) for the month of October, 19 76,

Agent's address 245 Market Street Company Pacific Transmission Supply
San Francisco, CA 94105 Signed ET Wimmer

Phone (415) 781-0474 Agent's title Manager of Mineral Leases

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)
NWNE Sec. 18	9S	24E	1-18	0						Shut-in

USGS
UO&GCC
COC

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;
No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R354.5.

Utah
LAND OFFICE _____
LEASE NUMBER U-0145459
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field _____

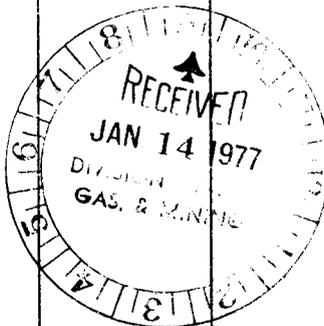
The following is a correct report of operations and production (including drilling and producing wells) for the month of January thru December, 1976,

Agent's address 245 Market Street Company Pacific Transmission Supply

San Francisco, CA 94105 Signed E.H. Wimmer

Phone (415) 781-0474 Agent's title Manager of Mineral Leases

SEC. AND ¼ OF ¼	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)
NWNE Sec.18	9S	24E	1-18	0						Shut-in



JAN 11 1977

USGS
~~WOLCGG~~
COC
FILES

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;
No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

RECEIVED

SEP 20 1984

DIVISION OF OIL
GAS & MINING



CHORNEY OIL COMPANY

SUITE 1000
555 SEVENTEENTH STREET
DENVER, COLORADO 80202-3910

RAYMOND CHORNEY
PRESIDENT

September 18, 1984

PHONE 303/293-2575

Mr. Norm Stout
State of Utah
Natural Resources
4241 State Office Building
Salt Lake City, Utah 84114

Re: Overdue Production Reports

South Red Wash Federal #1-23
SW SW Section 23, T8S, R23E
Uintah County, Utah

South Red Wash Federal #1-18
NW NE Section 18, T9S, R24E
Uintah County, Utah

S. E. Flank Uinta #1-28
SW SW Section 28, T15S, R22E
Uintah County, Utah

Dear Mr. Stout:

Chorney Oil Company, per se, has not operated the wells in the above referenced area for the last seven to eight years. The operation of the above referenced wells was assumed by Natural Gas Corporation of California. The assumption of operations and the responsibility for issuing production reports is theirs.

We are attaching copies of applicable correspondence for each of the wells in order that you might clear our name from your report for responsibility for production reports. According to our information, only one of the wells is now currently in production. The others are either approved for P&A, or have been P&A'd. The one producing well is the South Red Wash Federal #1-18, formerly Beehive Unit Well #1-18.

By copy of this letter to Natural Gas Corporation of California, we are alerting them as to your request for production reports.

Yours very truly,

Sam T. Boltz, Jr.
Vice President, Operations

STB:nah

cc: Ted Clark - NGCC
Denver, Colo.

Attachments

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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 checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-0145459
2. NAME OF OPERATOR Natural Gas Corporation of California		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FNL 1980' FEL NW NE Section 18, T.9S., R.24E.		8. FARM OR LEASE NAME Federal
14. PERMIT NO. 43-047-30124	15. ELEVATIONS (Show whether DF, RT, CR, etc.) 5115' GR 5131' KB	9. WELL NO. 1-18
		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 18, T.9S., R.24E.
		12. COUNTY OR PARISH Uintah
		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 PLANE <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(Other) Request Temporary Surface Pit (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.)*

Operator requests an unlined surface pit per NTL-2B, Sec. VI. The subject pit would be used as a blow down pit when the well is flow tested.

If you require additional information, please contact me at our Vernal office - telephone 789-4573.

RECEIVED
NOV 23 1984

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct
SIGNED William A. Ryan TITLE Petroleum Engineer DATE November 15, 1984
(This space for Federal or State office use)

APPROVED BY _____ TITLE ACCEPTED
CONDITIONS OF APPROVAL, IF ANY: APPROVED BY THE STATE

Federal approval of this action is required before commencing operations.

DATE: 12/20/84
BY: [Signature]
*See Instructions on Reverse Side

Natural Gas
Corporation of
California

NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC

RECEIVED
DEC 18 1984

December 17, 1984

DIVISION OF
OIL, GAS & MINING

Bureau of Land Management
Branch of Fluid Minerals
170 South 500 East
Vernal, UT 84078

Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Re: NGC #1-18 Federal
Section 18, T.9S., R.24E.
Uintah County, Utah

Gentlemen:

Attached are copies of Form 3160-5, Sundry Notices and Reports on Wells,
Notice of No Downhole Commingling, for the subject well.

Sincerely,



Eric F. Hadsell
Lead Engineer

/kh

Attachment

cc: H. Myers
Land Dept.
L. Jorgensen
S. Furtado

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP DATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-0145459

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 GAS WELL OTHER

2. NAME OF OPERATOR
Natural Gas Corp. of California

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, Utah 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

660' FNL, 1980 FEL

RECEIVED
DEC 18 1984

DIVISION OF
OIL, GAS & MINING

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

1-18

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 18, T. 9S, R. 24E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5115 GR. 5131 KB

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)
PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other) Downhole Commingling
REPAIRING WELL
ALTERING CASING
ABANDONMENT*
(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.)*

This notice is to inform you that no commingling exists on NGC's 1-18 Gas Well. We are currently producing through perforations at 5950 to 5967 GR in the Wasatch Formation. Although, other (lower) zones were originally perforated, they are now isolated by a C.I.B.P. that has been in place since 1973.

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

SIGNED

TITLE Lead Engineer

DATE 12-14-84

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



EPS Resources Corporation

Kennedy Center
10200 E. Girard Ave. Bldg. B. Suite 225
Denver, Colorado 80231
(303) 696-2654

November 12, 1986

RECEIVED
NOV 14 1986

**DIVISION OF
OIL, GAS & MINING**

Ms. Claudia L. Jones
State of Utah Natural Resources
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Dear Claudia:

As per our conversation, the Dirty Devil, L.P. is Operator of the Dirty Devil Unit. The Unit was formed August 17, 1984 when the Participating Area was approved for Unit well no. 22-27 on October 15, 1986.

The Dirty Devil, L.P. will be reporting production quantities as of November 1, 1986, for all wells within the unit. To expedite reporting of the Dirty Devil 11-29 well, enclosed are production reports for September and October. The well has been tested and is awaiting a pipeline. Production of the well is expected to commence in December.

Sincerely,

DIRTY DEVIL, L.P.


Steven Porter

SP/ng



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
UTAH STATE OFFICE
324 SOUTH STATE, SUITE 301
SALT LAKE CITY, UTAH 84111-2303

October 9, 1986

Dirty Devil, L.P.
10200 East Girard Ave., Suite E225
Denver, Colorado 80231

Re: Successor of Operator
Dirty Devil Unit
Uintah County, Utah

Gentlemen:

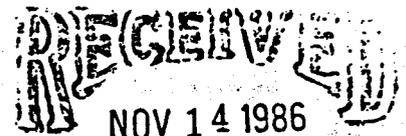
We received an indenture dated October 8, 1986, whereby Hiko Bell Mining and Oil Company resigned as Operator and Dirty Devil, L.P. was designated as Operator for the Dirty Devil Unit Agreement, Uintah County, Utah.

This indenture was executed by all required parties. The signatory parties have complied with Section 6 of the unit agreement. The instrument is hereby accepted effective as of October 9, 1986. Please advise all interested parties of the change in unit operator.

Sincerely,

Howard A. Lemm
Chief, Branch of Fluid Minerals

Enclosure



DIVISION OF
OIL, GAS & MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
UTAH STATE OFFICE
324 SOUTH STATE, SUITE 301
SALT LAKE CITY, UTAH 84111-2303

IN REPLY REFER TO

3160
(U-922)

October 15, 1986

Dirty Devil, L.P.
10200 East Girard Ave.
Suite E 225
Denver, CO 80231

Re: Wasatch Formation Participating Area
Dirty Devil Unit
Uintah County, Utah

Gentlemen:

Your application of August 22, 1986, originally filed by Hiko Bell Mining and Oil Company, requests an Initial Wasatch Formation Participating Area "A" of 320.00 acres. The application is to be named the Wasatch Formation Participating Area and is approved effective as of August 17, 1984, pursuant to Section 11 of the Dirty Devil Unit Agreement, Uintah County, Utah.

This participating area is based upon the completion of Unit Well No. 22-27, in the SE $\frac{1}{4}$ NW $\frac{1}{4}$, Section 27, T. 9 S., R. 24 E., SLM, Federal Unit Tract No. 1, Lease No. SL-071725C, as being a well capable of producing unitized substances in paying quantities. Enclosed is a schedule showing the lands and their percentage of allocation in the participating area. At this time, leases U-14233 and U-38433 are considered unleased tracts, pending outcome of appeals, and should not receive any allocation of revenues.

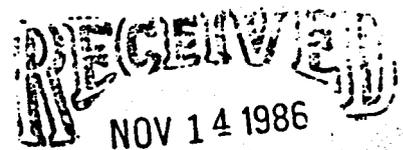
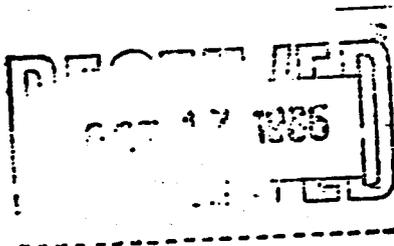
Copies of the approved request are being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the establishment of the Wasatch Formation Participating Area.

In accordance with Section 11 and 32 of the Dirty Devil Unit, the Devils Playground Unit No. 14-08-0001-16086 automatically terminated August 17, 1984, and associated participating areas with the Devils Playground Unit are now incorporated into the Dirty Devil Unit.

Sincerely,

Howard A. Lemm
Howard A. Lemm
Chief, Branch of Fluid Minerals

Enclosure



DIVISION OF
OIL, GAS & MINING

THE DIRTY DEVIL, L.P. - OPERATOR
GAS WELLS IN THE DIRTY DEVIL UNIT

<u>Well Name</u>	<u>Location</u>	<u>Lease #</u>
1. Well No. 31-15A	NW/4NE/4 Section 15 T9S-R24E SLM Uintah County, Utah API #4304731726	ML-28042
2. Well No. 32-31	SW/4NE/4 Section 31 T9S-R24E SLM Uintah County, Utah API #4304731010	U-9215
3. Well No. 44-5	SE/4SE/4 Section 5 T10S-R24E SLM Uintah County, Utah API #4304730280	U-1207
4. Well No. 11-29	NW/4NW/4 Section 29 T9S-R24E SLM Uintah County, Utah API #4304731617	ML - 22161
5. Well No. 23-20	NE/4SW/4 Section 20 T9S-R24E SLM Uintah County, Utah API #4304731009	U-31266
6. Well No. 23-17	NE/4SW/4 Section 17 T9S-R24E SLM Uintah County, Utah API #4304730568	U-31266
7. Well No. 22-27	SE/4NW/4 Section 27 T9S-R24E SLM Uintah County, Utah API #4304731507	SL-071725-C
8. Well No. 41-9	NE/4NE/4 Section 9 T9S-R24E SLM Uintah County, Utah API #4304730339	U-5217

022032

**DIRTY DEVIL UNIT
GAS WELLS**

9. Well No. 1-18

NW/4NE/4 Section 18
T9S-R24E
SLM
Uintah County, Utah
API #4304730124

U-0145459

PGW

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions
verse side)

Form approved
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO. 23-17
1-18 (U-0145459) (U-31266)

SUNDRY NOTICES AND REPORTS OF OPERATIONS

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

RECEIVED
OCT 07 1988

1. OIL WELL GAS WELL OTHER Pipeline Connection

2. NAME OF OPERATOR
Dirty Devil L.P./EPS Resources Company

3. ADDRESS OF OPERATOR
5655 S. Yosemite Ste: 460 Englewood, Colorado 80111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1-18 (NW NE, 660' FNL, 1980' FEL Sec. 18, T9S, R24E)
23-17 (NE SW, 1923' FSL, 2080' FWL, Sec. 17, T9S, R24E)

14. PERMIT NO. 43-047-30568
15. ELEVATIONS (Show whether DF, RT, GR, etc.)
1-18 (5115' GR) 23-17 (5243' GR)

INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME
Dirty Devil

8. FARM OR LEASE NAME
Federal

9. WELL NO.
1-18 & 23-17

10. FIELD AND POOL, OR WILDCAT
Bonanza

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 18 & 17, T9S, R24E

12. COUNTY OR PARISH
Uintah
13. STATE
Utah

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other) Pipeline Connection

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

(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.)

Operator plans to pipeline connect the #1-18 well into the existing unit pipeline system at the #23-17 well. The pipeline will be welded 0.188 inch wall thickness steel pipe and laid upon the surface and pressure tested to 560 psig. The pipeline will follow a route based on access and terrain (see map).

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

SIGNED Edward K. Peterson

TITLE Engineer

DATE 10/3/88

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

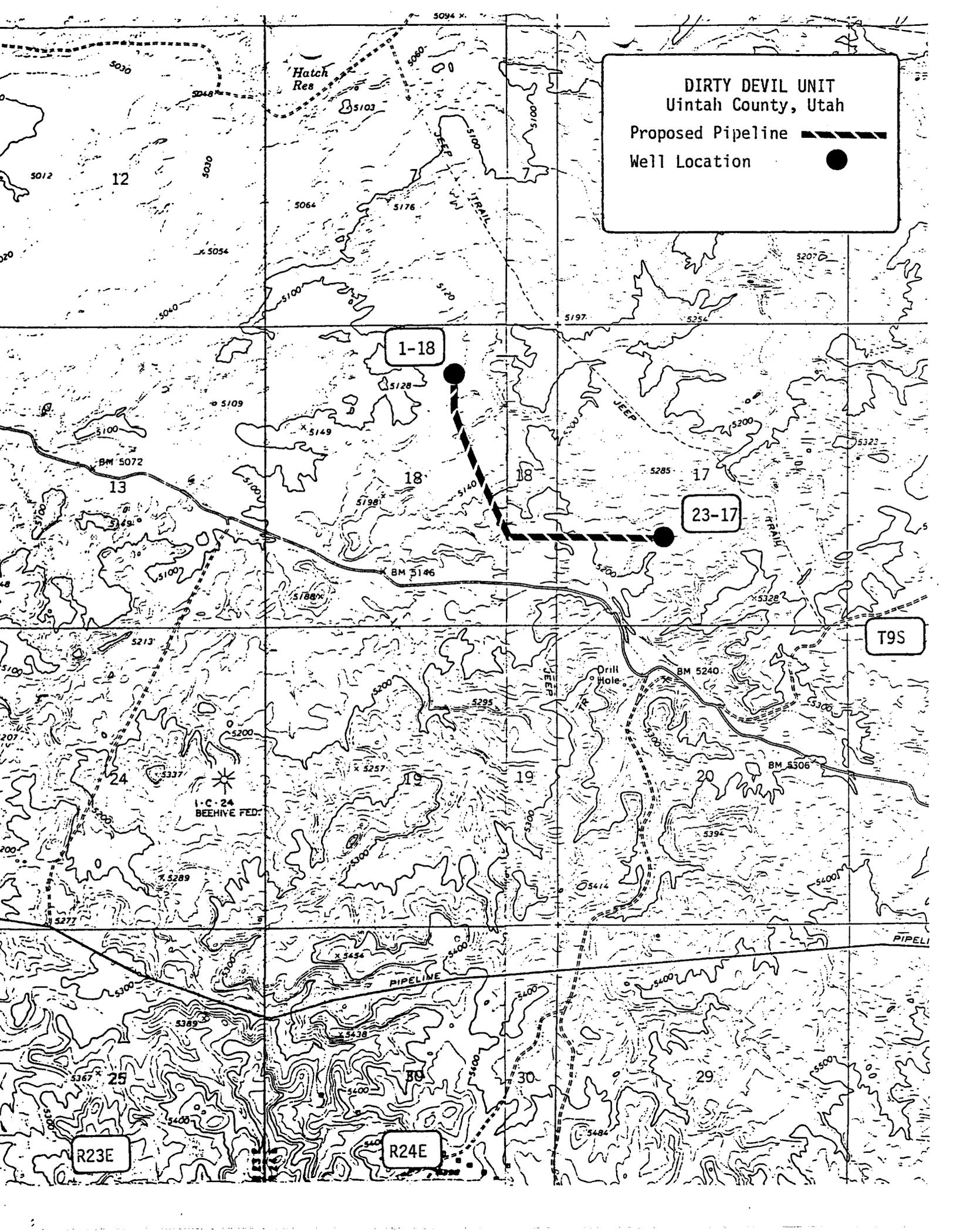
TITLE _____

DATE _____

*See Instructions on Reverse Side

DIRTY DEVIL UNIT
Uintah County, Utah

Proposed Pipeline 
Well Location 





TAS

EPS Resources Company

5655 South Yosemite
Suite 460
Englewood, CO 80111
(303) 721-7920
October 6, 1988

RECEIVED
OCT 11 1988

~~Connie Larsen~~
Utah State Tax Commission
160 East Third South
Salt Lake City, UT 84134-0550

DIVISION OF
OIL, GAS & MINING

RE: Dirty Devil Unit
Uintah County, Utah
Utah Account No. N5001

Dear Connie:

In reference to our recent conversation, I spoke with Dwain Immel of our office and he informed me that The Dirty Devil, L.P. is the operator of The Dirty Devil Unit, located in Uintah County, Utah. EPS Resources Company is the Managing General Partner of The Dirty Devil, L.P. Please let your records show The Dirty Devil, L.P. as operator of the following wells with the corresponding account number N5001.

<u>Well Name</u> <u>API Number</u>	<u>Entity</u>	<u>Location</u>
Devils Playground Fed 23-17 4304730568	23-17 06136	09S 24E 17
Devils Playground 41-9 4304730339	41-9 06195	09S 24E 9
Red Wash Fed 1-18 4304730124	1-18 06200	09S 24E 18
Dirty Devil 22-27 4304731507	22-27 09585	09S 24E 27
Dirty Devil Unit 11-29 4304731617	11-29 09586	09S 24E 29
Dirty Devil Unit 31-15A 4304731726	31-15A 10697	09S 24E 15
Devils Playground Fed 23-20 4304731009	23-20 10698	09S 24E 20



355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. (801-538-5340)

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

eff. 1-1-89

~~DIRTY DEVIL, L.P.~~ *EPS RESOURCES CORP.*
5655 S.YOSEMITE, STE 460
ENGLEWOOD CO 80111
ATTN: DALE ANNE KESSLER

Utah Account No. N2025
~~N5001~~

Report Period (Month/Year) 4 / 89

Amended Report

Well Name	Producing Zone	Days Oper	Production Volume		
API Number Entity Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
DEVILS PLAYGROUND FED 23-17 4304730568 06136 09S 24E 17	MVRD				
DEVILS PLAYGRND 41-9 4304730339 06195 09S 24E 9	WSTC				
RED WASH FED 1-18 4304730124 06200 09S 24E 18	WSTC				
DIRTY DEVIL 22-27 4304731507 09585 09S 24E 27	WSTC				
DIRTY DEVIL UNIT #11-29 4304731617 09586 09S 24E 29	MVRD				
DIRTY DEVIL UNIT #31-15A 4304731726 10697 09S 24E 15	GRRV				
DEVILS PLAYGROUND FED 23-20 4304731009 10698 09S 24E 20	MVRD				
TOTAL					

TOTAL

** 5-26-89 Entities are all single entity wells (ok!) Jcf*

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete. Date _____

Authorized signature _____ Telephone _____



EPS Resources Corporation

5655 South Yosemite
Suite 460
Englewood, CO 80111
(303) 721-7920

RECEIVED
MAY 22 1989

May 18, 1989

Bureau of Land Management
Attn: Mr. Ed Forman
Vernal District Office
170 South, 500 East
Vernal, Utah 84078

DIVISION OF
OIL, GAS & MINING.
5/21/89 spoke w/mr. Neibauer
at 4:10 p.m. effective date
is 1-1-89 AS

RE: Dirty Devil Unit
Uintah County, Utah

Dear Mr. Forman:

This letter is written notification to change the name of the Operator of the Dirty Devil Unit from the Dirty Devil L.P. to EPS Resources Corporation.

EPS Resources Corporation is the Managing General Partner of the Dirty Devil L.P..

EPS Resources Corporation has provided a letter of credit #244 to the Bureau of Land Management.

Attached is the list of wells EPS Resources Corporation owns and operates in the Dirty Devil Unit.

If you have any questions, please do not hesitate to contact myself or Cindy Senko at (303) 721-7920.

Sincerely,

Edward Neibauer
President

CS/ntm

Enclosure

cc: State of Utah, Division of Oil, Gas & Mining
Attn: Mickey Coulthard
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

OIL AND GAS	
DRN	3 ✓
4-JRB ✓	5- GLH ✓
DTS	6- SLS ✓
E-TAS ✓	7- [REDACTED]
W-KCR ✓	
7- MICROFILM	✓
8- FILE	

✓

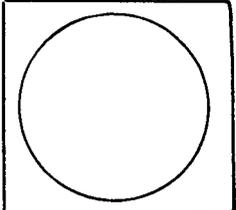
Mr. Ed Forman
Page Two
May 18, 1989

DIRTY DEVIL UNIT
UINTAH COUNTY, UTAH

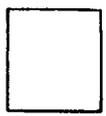
<u>Well Number</u>	<u>Lease No.</u>	<u>Section</u> <u>¼ of ¼</u>	<u>TWP</u>	<u>RNG</u>
/ 23-17	U-31266	NESW Sec. 17	9S	24E
/ 23-20	U-31266	NESW Sec. 20	9S	24E
/ 41-9	U-5217	NENE Sec. 9	9S	24E
/ 1-18	U-0145459	NWNE Sec. 18	9S	24E
/ 22-27	SL-071725-C	SENE Sec. 27	9S	24E
/ 11-29	ML-22161	NWNW Sec. 29	9S	24E
/ 31-15A	ML-28042	NWNE Sec. 15	9S	24E
1-4	U-1207	NENW Sec. 4	10S	24E
1-5	U-1207	NENW Sec. 5	10S	24E
1-8	U-59150	SESW Sec. 8	9S	24E
1-9	U-59089	SWSE Sec. 9	9S	24E



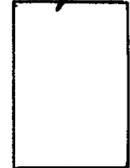
access road



tank w/
fire wall



dehydrator



emergency
pit

well head

Valley Operating, Inc.

Office: (303) 355-3242 Fax: (303) 377-9798

745 Gilpin Street
Denver, Colorado 80218-3633

August 8, 1991

Division of Oil, Gas & Mining
ATTN: Lisha Romero
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RE: Approved Sundry Notices for wells
in Uintah County, Utah

Dear Ms. Romero:

As per the regulations please find enclosed the approved Sundry Notices from the Bureau of Land Management for the following wells in which Valley Operating, Inc. has been approved as the new Operator in Uintah County, Utah:

11-29	31-15-A
28-1	1-18
13-1	
22-27	
32-2	
1-9	
41-9	
23-17	
23-20	

Please inform me if we are missing any Sundry Notices that you are aware of.

Sincerely yours,


Cindy Senko
Contract Landman

cs

Enclosures

RECEIVED

AUG 12 1991

DIVISION OF
OIL GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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 GAS WELL OTHER

2. NAME OF OPERATOR
Valley Operating, Inc.

3. ADDRESS OF OPERATOR
745 Gilpin Street, Denver, Colorado 80218-3633

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
T9S-R24E, Sec. 18: NWNE

14. PERMIT NO.
43-047-30124

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5. LEASE DESIGNATION AND SERIAL NO.
UTU-0145459

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Dirty Devil Unit

8. FARM OR LEASE NAME

9. WELL NO.
#1-18

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 18, T9S-R24E

12. COUNTY OR PARISH
Uintah

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) _____	
(Other) <u>Change of Operator</u>	<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.)*

Valley Operating, Inc., is submitting this Sundry Notice to effect the change of Operator from EPS Resources Corporation to Valley Operating, Inc.

Valley Operating, Inc., as Operator is covered under Statewide Utah Oil and Gas Bond No. UT0832.

Effective 3/8/91.

RECEIVED
AUG 12 1991
DIVISION OF
OIL GAS & MINING

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

SIGNED F. Lee Robinson TITLE Vice-President DATE 4-8-91

(This space for Federal or State office use)

APPROVED BY [Signature] TITLE ASSISTANT DISTRICT MANAGER DATE JUN 03 1991

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Routing:

1- ICR	<i>[initials]</i>
2- DTS	
3- VLC	
4- RJF	<input checked="" type="checkbox"/>
5- RWM	<i>[initials]</i>
6- LCB	<i>[initials]</i>

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
- Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 3-8-91)

TO (new operator)	<u>VALLEY OPERATING, INC.</u>	FROM (former operator)	<u>EPS RESOURCES CORP.</u>
(address)	<u>745 GILPIN STREET</u>	(address)	<u>5655 S. YOSEMITE, #460</u>
	<u>DENVER, CO 80218-3633</u>		<u>ENGLEWOOD, CO 80111</u>
	<u>CINDY SENKO/LANDMAN</u>		<u>DALE ANN KESLER</u>
phone (303)	<u>355-3242</u>	phone (303)	<u>721-7920</u>
account no.	<u>N8270</u>	account no.	<u>N2025</u>

Well(s) (attach additional page if needed):

Name: <u>DEVILS PLAYGRND 23-17/MV</u>	API: <u>43-047-30568</u>	Entity: <u>6136</u>	Sec <u>17</u> Twp <u>9S</u> Rng <u>24E</u>	Lease Type: <u>J-31266</u>
Name: <u>DEVILS PLAYGRND 23-20/MV</u>	API: <u>43-047-31009</u>	Entity: <u>10698</u>	Sec <u>20</u> Twp <u>9S</u> Rng <u>24E</u>	Lease Type: <u>J-31266</u>
Name: <u>DIRTY DEVIL U 31-15A/GRR</u>	API: <u>43-047-31726</u>	Entity: <u>10697</u>	Sec <u>15</u> Twp <u>9S</u> Rng <u>24E</u>	Lease Type: <u>ML-28042</u>
Name: <u>RED WASH FED 1-18/WSTC</u>	API: <u>43-047-30124</u>	Entity: <u>6200</u>	Sec <u>18</u> Twp <u>9S</u> Rng <u>24E</u>	Lease Type: <u>J-014545</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (*Unable to get documentation*).
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (*Rec'd 8-12-91*)
- See 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: #150678.
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (*8-21-91*)
6. Cardex file has been updated for each well listed above.
- See 7. Well file labels have been updated for each well listed above.
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- 2. A copy of this form has been placed in the new and former operators' bond files.
- 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 2. Copies of documents have been sent to State Lands for changes involving State leases.

RECORDING

- 1. All attachments to this form have been microfilmed. Date: Sept 6 1991.

INDEXING

- 1. Copies of all attachments to this form have been filed in each well file.
- 2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

10815 Btm/Vernal Approved, effective dates 6-3-91 and 6-12-91. (see individual well sundry)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing
1- LCR ✓
2- DTS ✓
3- VLC ✓
4- RJF ✓
5- RWM ✓
6- LCR ✓

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 3/8/91)

TO (new operator) VALLEY OPERATING, INC.
 (address) 745 GILPIN STREET
DENVER, CO 80218-3633
CINDY SENKO/LANDMAN
 phone (303) 355-3242
 account no. N 8270

FROM (former operator) EPS RESOURCES CORP.
 (address) 5655 S. YOSEMITE, #460
ENGLEWOOD, CO 80111
DALE ANN KESLER
 phone (303) 721-7920
 account no. N2025

Well(s) (attach additional page if needed):

Name: DIRTY DEVIL U #11-29/MV API: 43-047-31617 Entity: 9586 Sec 29 Twp 9S Rng 24E Lease Type: ML-221
 Name: COYOTE BASIN 28-1/GRRV API: 43-047-30098 Entity: 10095 Sec 28 Twp 8S Rng 25E Lease Type: U-0162
 Name: FEDERAL #13-1/UNTA API: 43-047-31811 Entity: 10796 Sec 13 Twp 8S Rng 23E Lease Type: U-6139
 Name: DIRTY DEVIL U 22-27/WST API: 43-047-31507 Entity: 9585 Sec 27 Twp 9S Rng 24E Lease Type: SL7172
 Name: CONOCO ST 32-2/DGCRK API: 43-047-30100 Entity: 10096 Sec 32 Twp 8S Rng 25E Lease Type: ML-1124
 Name: FEDERAL 1-9/DRL API: 43-047-31852 Entity: 11199 Sec 9 Twp 9S Rng 24E Lease Type: U-5217
 Name: DEVILS PLAYGRND 41-9/WS API: 43-047-30339 Entity: 6195 Sec 9 Twp 9S Rng 24E Lease Type: U-5217

OPERATOR CHANGE DOCUMENTATION

- NA 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (*Unable to get documentation*)
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (*Rec'd 8-12-91*)
- See 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) If yes, show company file number: #150678.
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (*8-21-91*)
- See 6. Cardex file has been updated for each well listed above. (*8-21-91*)
- See 7. Well file labels have been updated for each well listed above.
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- 2. A copy of this form has been placed in the new and former operators' bond files.
- 3. The former operator has requested a release of liability from their bond (yes/no) ____.
Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 2. Copies of documents have been sent to State Lands for changes involving State leases.
9-3-91 to - Ed Bonner

MICROFILMING

- 1. All attachments to this form have been microfilmed. Date: Sept 6 1991.

FILED

- 1. Copies of all attachments to this form have been filed in each well file.
- 2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

9/08/91 Btm/Vernal Approved, effective dates 6-3-91 and 6-12-91. (see individual well sundry)

Valley Operating, Inc.

COPY

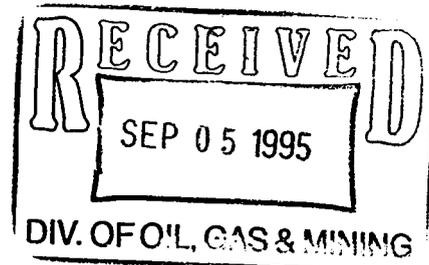
Office: (303) 355-3242 Fax: (303) 377-9798

745 Gilpin Street
Denver, Colorado 80218-3633

August 31, 1995

RE: Notice of Resignation as Unit Operator
Dirty Devil Unit
Uintah County, Utah

Working Interest Owners
and Authorized Officers
(BLM and State of Utah)



In accordance with Article 5 of the Dirty Devil Unit Agreement dated July 12, 1984, Valley Operating Inc. ("Valley") hereby tenders its Notice of Resignation as Operator of the Dirty Devil Unit. This resignation will be effective September 1, 1995.

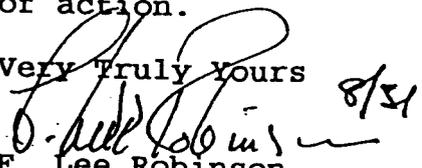
With this Notice of Resignation, the working interest parties listed above will be jointly responsible for the performance of the duties of the Unit Operator until a successor Operator can be identified and approved by the Authorized Officer of the Bureau of Land Management. Valley will cooperate in making the transition and assist in completing the transfer of all records to the new designated Agent or Operator.

The Unit now consists of three wells capable of production but which are currently shut in. The wells are the Federal 1-18C (Lease U-0145459), Federal 41-9 (Lease U-5217) and Federal 22-27 (Lease SL-071725-C). The wells and leases are in good condition and currently in compliance with Federal and State regulations.

As a possible a successor Operator, Gerrity Oil and Gas Corporation ("Gerrity") may be a logical choice. Gerrity is a progressive, publically traded company which has recently acquired a substantial interest in the surrounding wells and leases. They have successfully reworked several well bores, completed the Antelope #1-29 as a new discovery and drilled another Wasatch (Antelope #2-20) well which is currently being completed. Gerrity is also the new owner of the gathering system which gathers gas from the Dirty Devil Unit wells.

Commensurate with this Notice of Resignation, Valley will make every reasonable attempt to coordinate the designation of the new Operator. Please contact the undersigned immediately with your recommendation as a further course of action.

Very Truly Yours


F. Lee Robinson
Vice President

Distribution List

Notice of Resignation
August 31, 1995

- 1) Anchor No II Partnership, Ltd
8571 South Taos Circle
Sandy, Utah 84092

- 2) Hiko Bell Mining & Oil Co
P.O. Box 1845
Vernal, Utah 84078

- 3) Snyder Oil Corporation
1625 Broadway
Denver, Colorado 80202
Attn: Jill Scherff

- 4) Wildhorse Oil and Gas
c/o James Drollinger
Drollinger, Judd and Winward
363 East Main Street
Vernal, Utah 84078

- 5) Yates Petroleum Corporation
105 South Fourth Street
Artesia, New Mexico 88210
Attn: Janett Richardson

- 6) Bureau of Land Management
Utah State Office
324 South State St, Suite #301
Salt Lake City, Utah 84111-2303
Attn: Robert A. Henricks

- 7) State of Utah - Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite #350
Salt Lake City, Utah 84180-1203
Attn: R.J. Firth

- 8) Gerrity Oil & Gas Corporation
4100 East Mississippi Ave, #1200
Denver, Colorado 80222
Attn: Terry L. Ruby

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

22

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Gerrity Oil & Gas Corporation

3. Address and Telephone No.

4100 E. Mississippi Ave., #1200, Denver CO 80222, 303/757-1110

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

660 FNL & 1980' FEL Sec. 18-T9S-R24E

5. Lease Designation and Serial No.

U-0145459

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Dirty Devil

8. Well Name and No.

Federal #1-C-18

9. API Well No.

43-047-30124

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Uintah Co., Utah

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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Change of Operator
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<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.)*

Please be advised that Gerrity Oil & Gas Corporation is considered to be the operator of the Dirty Devil Federal #1-C-18, NWNE Section 18, Township 9 South, Range 24 East, Uintah County, Utah; and responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by the United States Fire Insurance Company.

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

Signed

[Signature]

Valley Operating, Inc.

Title

[Signature]

Date

1/01/95

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

Signed

[Signature]

Gerrity Oil & Gas Corporation

Title Vice President

Date

1/01/95

(This space for 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 and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instructions on Reverse Side**

COPY

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
UT-922

January 12, 1996

JAN 7 1996

DIVISION OF OIL, GAS & MINING

Gerrity Oil & Gas Corporation
4100 East Mississippi Avenue, Suite 1200
Denver, Colorado 80222

RE: Dirty Devil Unit
Uintah County, Utah

Gentlemen:

On January 12, 1996, we received an indenture dated January 1, 1996, whereby Valley Operating, Inc. resigned as Unit Operator and Gerrity Oil & Gas Corporation was designated as Successor Unit Operator for the Dirty Devil Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective January 12, 1996. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Dirty Devil Unit Agreement.

Your statewide (Utah) oil and gas bond No. UT1014 will be used to cover all operations within the Dirty Devil Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)
Division of Oil, Gas & Mining
Division of Mineral Adjudication U-923
File - Dirty Devil Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

WELL STATUS REPORTS
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM 83684U728C 83684U7280	430473150700S1	DIRTY DEVIL WS 22-27	SE	27	9S	24E	TA	UTSL071725C	VALLEY OPERATING INCORPORATED
** INSPECTION ITEM 83684U728B 83684U728B	430473033900S1	DIRTY DEVIL WS B 41-9	NE	9	9S	24E	PGW	UTU5217	VALLEY OPERATING INCORPORATED
** INSPECTION ITEM 83684U728C 83684U728C	430473012400S1	DIRTY DEVIL WS C 1-18	NW	18	9S	24E	PGW	UTU0145459	VALLEY OPERATING INCORPORATED

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1	LEC 7-FILE	✓
2	DTB 8-FILE	✓
3	VLD	✓
4	RJH	✓
5	LEO	✓
6	SJ	✓

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-12-96)

TO (new operator)	<u>GERRITY OIL & GAS CORP.</u>	FROM (former operator)	<u>VALLEY OPERATING INC</u>
(address)	<u>4100 E MISSISSIPPI #1200</u>	(address)	<u>745 GILPIN ST</u>
	<u>DENVER CO 80222</u>		<u>DENVER CO 80218-3633</u>
	<u>JENNIFER CARTER</u>		<u>LEE ROBINSON</u>
	phone <u>(303) 757-1110</u>		phone <u>(303) 289-7720</u>
	account no. <u>N6355</u>		account no. <u>N8270</u>

***DIRTY DEVIL UNIT**

Well(s) (attach additional page if needed):

Name:	<u>DIRTY DEVIL 22-27/WSTC</u>	API:	<u>43-047-31507</u>	Entity:	<u>9585</u>	Sec	<u>27</u>	Twp	<u>9S</u>	Rng	<u>24E</u>	Lease	Type:	<u>SL071725C</u>
Name:	<u>DEVILS PLAYGROUND 41-9</u>	API:	<u>43-047-30339</u>	Entity:	<u>6195</u>	Sec	<u>9</u>	Twp	<u>9S</u>	Rng	<u>24E</u>	Lease	Type:	<u>U5217</u>
Name:	<u>RED WASH FED 1-18/WSTC</u>	API:	<u>43-047-30124</u>	Entity:	<u>6200</u>	Sec	<u>18</u>	Twp	<u>9S</u>	Rng	<u>24E</u>	Lease	Type:	<u>U0145459</u>
Name:	_____	API:	_____	Entity:	_____	Sec	_____	Twp	_____	Rng	_____	Lease	Type:	_____
Name:	_____	API:	_____	Entity:	_____	Sec	_____	Twp	_____	Rng	_____	Lease	Type:	_____
Name:	_____	API:	_____	Entity:	_____	Sec	_____	Twp	_____	Rng	_____	Lease	Type:	_____
Name:	_____	API:	_____	Entity:	_____	Sec	_____	Twp	_____	Rng	_____	Lease	Type:	_____

OPERATOR CHANGE DOCUMENTATION

- Sec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 9-5-95)*
- Sec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Reg. 1-19-96) (Rec'd 1-22-96)*
- NA 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.
- Sec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Sec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(1-22-96)*
- Sec 6. Cardex file has been updated for each well listed above.
- Sec 7. Well file labels have been updated for each well listed above.
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- Sec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- Yes* 2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A* 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

1. All attachments to this form have been microfilmed. Date: 2.2.96 19____.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

9/20/19 Blm/SJ Appr. 1-12-96 eff. 1-12-96.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
U-0145459

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Dirty Devil

8. Well Name and No.
Federal #1-C-18

9. API Well No.
43-047-30124

10. Field and Pool, or Exploratory Area
Wildcat

11. County or Parish, State

Uintah Co., Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Lone Mountain Production Co.

3. Address and Telephone No.

P. O. Box 3394 Billings, MT 59103

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

660 FNL & 1980' FEL Sec. 18-T9S-R24E

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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Change of Operator
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<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.)*

Please be advised that Lone Mountain Production Co. is considered to be the operator of the Dirty Devil Federal #1-C-18, NWNE Section 18, Township 9 South, Range 24 East, Uintah County, Utah; and responsible under the terms and conditions of the lease for the operations conducted upon the leased lands.

Bond coverage is provided by Lone Mountain Production Co.'s statewide oil and gas bond - #UT0719. Field operations will be handled by Lone Mountain's Grand Junction, CO office.

14. I hereby certify that the foregoing is true and correct.
Signed James E. Routson

Lone Mountain Production Co.
Title **President**

Date 7/22/96

14. I hereby certify that the foregoing is true and correct.
Signed Terry L. Ruby

Gerrity Oil & Gas Corporation
Title **Vice President**

Date 7/22/96

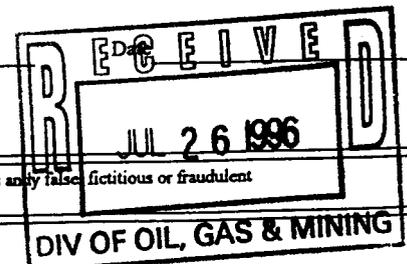
(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any: _____

Title _____

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

*See Instructions on Reverse Side



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1024-0115
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
U-0145459

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Dirty Devil Fed. #1-C-18

9. API Well No.
43-047-30124

10. Field and Pool, or Exploratory Area
Wildcat

11. County or Parish, State
Uintah County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Lone Mountain Production Company

3. Address and Telephone No.
P. O. Box 3394, Billings, Montana 59103 (406) 245-5077

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FNL 1980' FEL Sec. 18: T9S-R24E (NW1/4NE1/4)

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"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Dispose Water

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

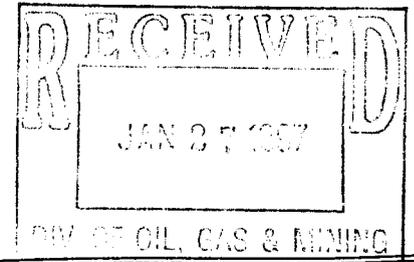
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

Lone Mountain Production Company requests approval to haul water from the above referenced well to the Federal #14-10 saltwater disposal well located in SW1/4SW1/4 Section 10-Township 9 South-Range 24 East, Uintah County, Utah.

Attached is a map showing the intended route.

Please notify Lands and add to Right-of-Way #U-71248

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**



14. I hereby certify that the foregoing is true and correct
Signed [Signature] Title Petroleum Engineer Date 1/23/97

(This space for Federal or State office use)

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

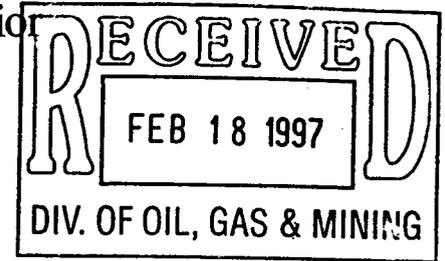
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



COPY

February 12, 1997

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Wildhorse Oil and Gas
c/o James Drollinger
Drollinger, Judd, Winward
363 E. Main Street
Vernal, Utah 84078

Hiko Bell Mining & Oil Company
Attn: Robert E. Covington
P.O. Box 1845
Vernal, Utah 84078

Yates Petroleum Corporation
Attn: Janet Richardson
P.O. Box 1395
Artesia, New Mexico 88210

Snyder Oil Corporation
Attn: Paul Brooke
1625 Broadway, Suite 2200
Denver, Colorado 80202

Ancor No. II Ptr., Ltd.
8571 South Taos Circle
Sandy, Utah 84092

Key Production Company, Inc.
1700 Lincoln Street, Suite 2050
Denver, Colorado 80203

Golden Spike Inc.
4010 Port Royal
Dallas, Texas 75234

Nibs Meldrum
1972 South Wasatch Drive
Salt Lake City, Utah 84108

Howard Spencer
1515 West 2250 South St
West Valley City, Utah 84119

Re: Dirty Devil Unit
Uintah County, Utah

Gentlemen:

We received a notice from Gerrity Oil and Gas Corporation of their intent to resign as unit operator of the Dirty Devil Unit effective June 1, 1996.

The resignation of unit operator will not become effective for a period of 6 months after notice of intention to resign has been served by the Unit Operator on all working interest owners. The latest notice of intention to resign as operator was received by a working interest owner on August 28, 1996. The resignation will become effective February 28, 1997. In accordance with Section 5 of the Dirty Devil Unit Agreement, "... until a successor of unit operator is

selected and approved as hereinafter provided, the working interest owners shall be jointly responsible for performance of the duties of Unit Operator, and shall no later than 30 days before such resignation or removal becomes effective appoint a common agent to represent them in any action to be taken hereunder.". Within 30 days of receipt of this notice please provide this office with the name of the common agent and a proposed time frame for when an approvable successor of unit operator can be submitted. Failure to respond to this notice within the specified time frame will result in termination of the unit in accordance with Section 6(b).

If you have any questions, please contact Teresa Thompson (801) 539-4047 or Mickey Coulthard (801) 539-4042.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

cc: Gerrity Oil & Gas Corporation
Attn: Debra Allen-Wittke

cc: White River Enterprises, LLC.
Attn: Steve Fillingham

bcc: District Manager - Vernal
~~Division Oil, Gas & Mining~~
File - Dirty Devil Unit
Agr. Sec. Chron
Fluid Chron

UT931:TAThompson:tt:02-12-97



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
UT-931

April 4, 1997

Lone Mountain Production Company
Attn: Carolyn George
P.O. Box 3394
Billings, Montana 59103-3394

Gerrity Oil & Gas Corporation
Attn: Debra Allen-Wittke
1625 Broadway, Suite 2000
Denver, Colorado 80202

Wildhorse Oil and Gas
c/o James Drollinger
Drollinger, Judd, Winward
363 E. Main Street
Vernal, Utah 84078

Hiko Bell Mining & Oil Company
Attn: Robert E. Covington
P.O. Box 1845
Vernal, Utah 84078

Yates Petroleum Corporation
Attn: Janet Richardson
P.O. Box 1395
Artesia, New Mexico 88210

Snyder Oil Corporation
Attn: Paul Brooke
1625 Broadway, Suite 2050
Denver, Colorado 80202

Ancor No. II Ptr., Ltd.
8571 South Taos Circle
Sandy, Utah 84092

Key Production Company, Inc.
1700 Lincoln Street, Suite 2050
Denver, Colorado 80203

Golden Spike Inc.
4010 Port Royal
Dallas, Texas 75234

Nibs Meldrum
1972 South Wasatch Drive
Salt Lake City, Utah 84108

Howard Spencer
1515 West 2250 South Street
West Valley City, Utah 84119

White River Enterprises, LLC.
Attn: Steve Fillingham
410 17th street, Suite 925
Denver, Colorado 80202

Re: Dirty Devil Unit
Uintah County, Utah

Gentlemen:

The Dirty Devil Unit, Uintah County, Utah, automatically terminated effective March 21, 1997, in accordance with Section 6(b) of the Dirty Devil Unit Agreement.

The termination is based on the failure of the Working Interest Owners within the Dirty Devil Unit to appoint a common agent to represent them as outlined in our letter of February 12, 1997. All wells within the terminated Dirty Devil Unit will be reported on a lease basis. Well No. 22-27, SE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 27, Township 9 South, Range 24 East will report to Lease No. UTSL071725C, Well No. 41-9, NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 9, Township 9 South, Range 24 East will report to Lease No. UTU5217 and Well No. 1-18, NW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 18, Township 9 South, Range 24 East will report to Lease No. UTU0145459.

Please advise all interested parties of the termination of the Dirty Devil Unit, Uintah County, Utah and the effective date.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

bcc: DM - Vernal
DIRTY DEVIL
Dirty Devil Unit File
Minerals Adjudication Group
MMS-RMP Reference Data Branch
Trust Lands Administration
Agr. Sec. Chron.
Fluid Chron

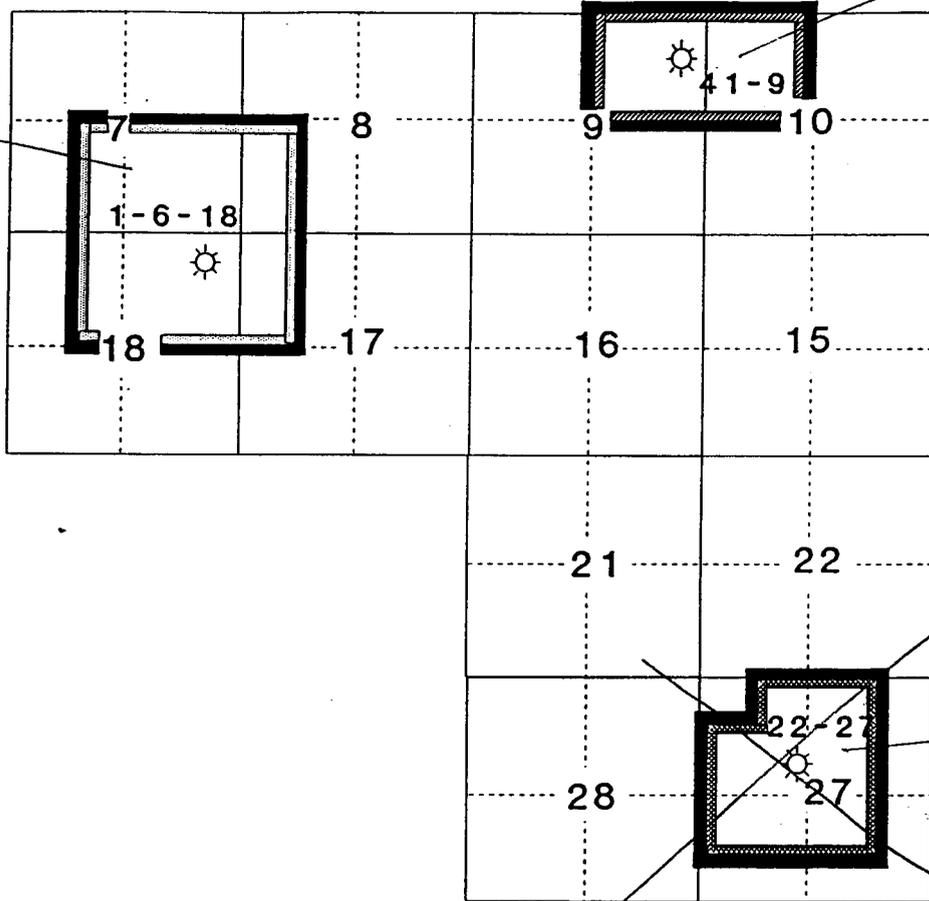
UT931:TAThompson:tt:04/04/1997

DIRTY DEVIL UNIT

Uintah County, Utah

4304730124
Entity 6200/OK

4304730339
Entity 6195/OK



9S

4304731507
Entity 9585/OK

24E

-  UNIT OUTLINE (UTU63093X)
-  WASATCH PA
-  WASATCH PA "B"
-  WASATCH "C"

AS CONTRACTED JANUARY 15, 1992
1,280.00 ACRES

WASATCH PA
ALLOCATION
FEDERAL 100.00%
320.00 Acres

WASATCH PA "B"
ALLOCATION
FEDERAL 100.00%
320.00 Acres

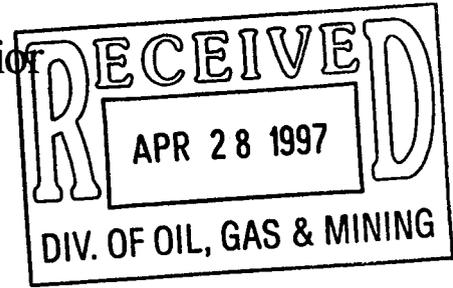
WASATCH PA "C"
ALLOCATION
FEDERAL 100.00%
640.00 Acres



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



In Reply Refer To:
3100
UTU-61566 et al
(UT-932)

APR 23 1997

NOTICE

Patina Oil & Gas Corporation
1625 Broadway, Suite 2000
Denver, Colorado 80202

Oil and Gas

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of Gerrity Oil & Gas Corporation into Patina Oil & Gas Corporation with Patina Oil & Gas Corporation being the surviving entity.

For our purposes, the merger is recognized effective April 1, 1997, the date the Secretary of State of Delaware certified the merger.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the merger. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from Gerrity Oil & Gas Corporation to Patina Oil & Gas Corporation on Bond No. 610 2086013 (BLM Bond No. UT1014).

ROBERT LOPEZ

Group Leader,
Minerals Adjudication Group

Enclosure

Exhibit of Leases

cc: Colorado State Office
Wyoming State Office
Moab District Office
Vernal District Office
MMS-Reference Data Branch, MS 3130, Box 5860, Denver, CO 80217
State of Utah, DOGM, Attn: Lisha Cordova (Ste. 1210), Box 145801, SLC, UT 84114-5801

Exhibit of Affected Leases

U-61396 (ORRI)
U-61566
U-63150
UTU-64906
UTU-64907
UTU-64908
UTU-64911
UTU-64912
UTU-65485
UTU-65771
UTU-65777
UTU-66014
UTU-66406 (ORRI)
UTU-66416 (ORRI)
UTU-66418 (ORRI)
UTU-66419 (ORRI)
UTU-66420 (ORRI)
UTU-66421 (ORRI)
UTU-66473
UTU-67844

UTU-69023
UTU-73905
UTU-73908
UTU-73918 (ORRI)
UTU-73919 (ORRI)
UTU-73920 (ORRI)
UTU-73921 (ORRI)
UTU-73922 (ORRI)
UTU-74394
UTU-74401
UTU-74402
UTU-74408
UTU-74424
UTU-74426
UTU-74457
UTU-74480 (ORRI)
UTU-74481 (ORRI)
UTU-74830
UTU-74832
UTU-74833

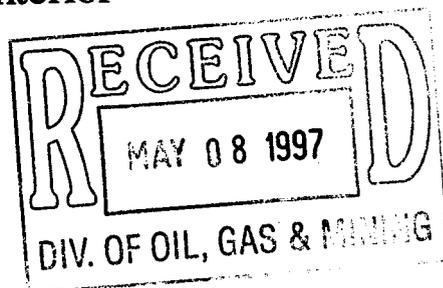
UTU-74834
UTU-74836
UTU-74967
UTU-74974 (ORRI)
UTU-75076
UTU-75079
UTU-75080
UTU-75081
UTU-75082
UTU-75083
UTU-75084
UTU-75085
UTU-75086
UTU-75087
UTU-75088
UTU-75098 (ORRI)
UTU-75104 (ORRI)
UTU-75118 (ORRI)
UTU-75119 (ORRI)
UTU-75120 (ORRI)
UTU-75121 (ORRI)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



In Reply Refer To:
3100
SL-071725C
U-0145459
U-5217
(UT-932)

MAY 7 1997

NOTICE

Patina Oil & Gas Corporation : Oil and Gas
1625 Broadway, Suite 2000 :
Denver, Colorado 80202 :

Notice of Merger Recognized Amended

By notice, dated April 23, 1997, this office recognized the merger of Gerrity Oil & Gas Corporation into Patina Oil & Gas Corporation with Patina Oil & Gas Corporation being the surviving entity.

The exhibit of leases noted to be affected by the merger is hereby amended to include the following oil and gas leases: SL-071725C, U-0145459, and U-5217.

Gerrity is listed as a well operator on the aforementioned leases.

ROBERT LOPEZ

Group Leader,
Minerals Adjudication Group

cc: Vernal Field Office
MMS-Reference Data Branch, MS3130, Box 5860, Denver, Colorado 80217
State of Utah, DOGM, Attn: Lisha Cordova (Ste. 1210), Box 145801, SLC, UT 84114

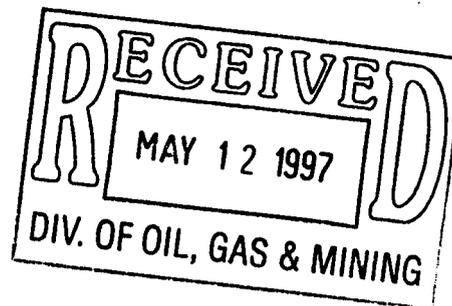
LONE MOUNTAIN PRODUCTION COMPANY

Mailing Address:
P.O. Box 3394
Billings, MT 59103-3394

(406) 245-5077
FAX 248-6321

Shipping Address:
100 North 27th Street
Suite 650
Billings, MT 59101

May 9, 1997



Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

RE: CHANGE OF OPERATOR SUNDRY NOTICES
UINTAH COUNTY, UTAH

Gentlemen:

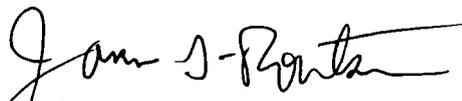
Enclosed in duplicate are Sundry Notices for two wells on BLM lands for which Lone Mountain Production Company has assumed operations effective March 3, 1997 with the termination of the Dirty Devil Unit.

Please contact Joe Dyk in our Grand Junction office in regard to field operations. Day to day operations will be handled by Dick White, who is based in Rangely, Colorado. He can be reached at (970) 675-2418 (home) or (801) 790-5418 (cell phone).

If further information is needed please advise.

Sincerely,

LONE MOUNTAIN PRODUCTION COMPANY


James G. Routson
President

Enclosures

cc: Joe Dyk



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

June 3, 1997

Jennifer Carter
Patina Oil & Gas Corporation
1625 Broadway, Suite 2000
Denver, Colorado 80202

Re: Merger of Gerrity Oil & Gas Corporation into Patina Oil & Gas Corporation with Patina Oil & Gas Corporation being the surviving entity.

Dear Ms. Carter:

In reviewing the merger for the referenced companies, it was determined that Patina Oil & Gas Corporation is not currently registered with the Utah Department of Commerce. This letter is written to advise you of your responsibility to register your company with the state prior to conducting business within Utah. This can be accomplished by contacting:

Department of Commerce
Division of Corporations
160 East 300 South
Salt Lake City, Utah 84111
(801)530-4849

Sincerely,

A handwritten signature in cursive script that reads "Lisha Cordova".

Lisha Cordova
Admin. Analyst

cc: Department of Commerce
D. T. Staley
Associate Director
Operator File(s)

ENTITY REVIEW

- 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- 2. A copy of this form has been placed in the new and former operator's bond files.
- 3. The FORMER operator has requested a release of liability from their bond (yes/no) _____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
 cc's 2/9/97
- 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 ____, of their responsibility to notify all interest owners of this change.

FILMING

- 1. All attachments to this form have been microfilmed. Today's date: 6-20-97.

FILING

- 1. Copies of all attachments to this form have been filed in each well file.
- 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

970606 BLM/SL Aprv. 4-23-97 & 5-2-97 eff. 4-1-97.



United States Department of the Interior

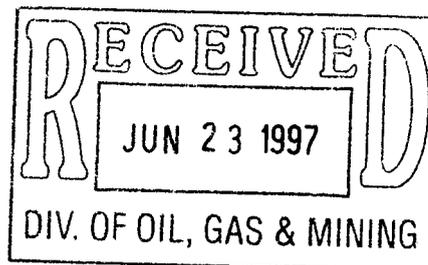
BUREAU OF LAND MANAGEMENT

Vernal District Office
170 South 500 East
Vernal, Utah 84078-2799

Phone: (801) 781-4400
Fax: (801) 781-4410

IN REPLY REFER TO:
3162.3
UT08300

June 10, 1997



Lone Mountain Production
Attn: James G. Routson
P O Box 3394
Billings, MT 59013

Re: Well No. Federal 1-18 *43-047-30124*
NWNE, Sec. 18, T9S, R24E
Lease U-0145459
Uintah County, Utah

Dear Mr. Routson:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Lone Mountain Production is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0719, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (801) 781-4400.

Sincerely,

Howard B. Cleavinger II
Assistant Field Manager,
Minerals Resources

cc: ~~Division of Oil, Gas & Mining~~
Gerrity Oil & Gas Corporation

OPERATOR CHANGE WORKSHEET

1-LEC	6-LEC
2-GLH	7-KAS
3-DTS	8-SI
4-VLD 7-7-97	9-FILE
5-JRB 7/0	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 3-3-97

TO: (new operator) LONE MTN PRODUCTION CO FROM: (old operator)
 (address) PO BOX 3394 (address)
BILLINGS MT 59103-3394
JAMES ROUTSON
 Phone: (406) 245-5077
 Account no. N7210

(FORMERLY GERRITY O&G)
PATINA OIL & GAS CORP.
1625 BROADWAY STE 2000
DENVER CO 80202
JENNIFER CARTER
 Phone: (303) 389-3600
 Account no. N5580

WELL(S) attach additional page if needed:

Name: <u>DEVILS PLAYGROUND 41-9</u>	API: <u>43-047-30339</u>	Entity: <u>6195</u>	S	<u>9</u>	T	<u>9S</u>	R	<u>24E</u>	Lease: <u>U5217</u>
Name: <u>RED WASH FED 1-18</u>	API: <u>43-047-30124</u>	Entity: <u>6200</u>	S	<u>18</u>	T	<u>9S</u>	R	<u>24E</u>	Lease: <u>U0145459</u>
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- LEC 1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). (7-26-96)
- LEC 2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). (7-26-96 & 5-12-97)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) _____ If yes, show company file number: _____
- LEC 4. FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- LEC 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. (7-1-97)
- LEC 6. Cardex file has been updated for each well listed above. (7-1-97)
- LEC 7. Well file labels have been updated for each well listed above. (7-1-97)
- LEC 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc.
- LEC 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents. (7-1-97)

ENTITY REVIEW

- Yes 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- Yes 2. A copy of this form has been placed in the new and former operator's bond files.
3. The FORMER operator has requested a release of liability from their bond (yes/no) , as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 19 , of their responsibility to notify all interest owners of this change.

FILMING

- Yes 1. All attachments to this form have been microfilmed. Today's date: 7-9-97.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

970606 Blm/Vernal Not Appr. yet.

970701 Blm Appr. 6-10-97.

LONE MOUNTAIN PRODUCTION COMPANY

Mailing Address:
P.O. Box 80965
Billings, MT 59108-0965

(406) 245-5077
FAX 248-6321

Shipping Address:
1911 King Avenue West
Billings, MT 59102

December 23, 2002

RECEIVED

State of Utah
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

DIV. OF OIL, GAS & MINING

Attn: Jim Thompson

RE: RESIGNATION OF OPERATOR
VARIOUS WELLS
UINTAH COUNTY, UTAH

Dear Jim:

Please be advised Lone Mountain Production Company resigns as Operator of the following wells in Uintah County, Utah, effective December 1, 2002.

Federal #41-9 ✓	43-047-30339	NE NE Section 9: T9S-R24E
State #31-15A	43-047-31726	NW NE Section 15: T9S-R24E
Federal #23-17 ✓	43-047-30568	NE SW Section 17: T9S-R24E
Federal #1-18 ✓	43-047-30124	NW NE Section 18: T9S-R24E
Federal #23-20 ✓	43-047-31009	NE SW Section 20: T9S-R24E
State #11-29	43-047-31617	NW NW Section 29: T9S-R24E

All future correspondence should be directed to Byron R. Woodard, Dark Horse Exploration, Inc., P. O. Box 2153, Evanston, Wyoming 82931-2153. His phone number is (307) 789-1052.

Should you have any questions or need further information, please contact our office at (406) 245-5077.

Sincerely,

LONE MOUNTAIN PRODUCTION COMPANY



Carolyn (George) Farmer
Land Department

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN
TRIPLICATE*
(Other Instructions on
reverse side)

Form Approved.
Budget Bureau No. 1004-0135
Expires : March 31, 1993

<p align="center">SUNDRY NOTICES AND REPORTS ON WELLS</p> <p align="center">Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals</p> <p align="center">SUBMIT IN TRIPLICATE</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. UTU-0145459</p>
<p>b. TYPE OF WELL OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/></p>	<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. IF UNIT OR CA, AGREEMENT DESIGNATION</p>
<p>2. NAME OF OPERATOR Dark Horse Exploration, Inc.</p>	<p>8. WELL NAME and No. Red Wash Fed No. 1-18</p>
<p>3. ADDRESS OF OPERATOR P. O. Box 2153, Evanston, Wyoming 82931-2153</p>	<p>9. API WELL NO. 43-047-30124</p>
<p>4. LOCATION OF WELL (Footage, Sec. T, R., M., or Survey Description) 660' FNL, 1980' FEL Section 18-T9S-R24E (NWNE)</p>	<p>10. Field and Pool, or Exploratory Area Bonanza</p> <p>11. County or Parish, State Uintah County, Utah</p>

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 checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>Change of Operator</u>	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose of Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form)</small>

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

Dark Horse Exploration, Inc. has assumed operation of the above reference well, effective December 1, 2002. The former operator was Lone Mountain Production Company.

Bond coverage is provided by Dark Horse Exploration's well bond # 0006

6200

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

Signed: Byron R. Woodard Title: President Date: 12-15-02
Byron R. Woodard

(This space for Federal or State office use)

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

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

*See Instructions of Reverse Side

RECEIVED
APR 28 2003
DIV. OF OIL, GAS & MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal Field Office

170 South 500 East

Vernal, Utah 84078-2799

<http://www.blm.gov/utah/vernal>

Phone: (435) 781-4400

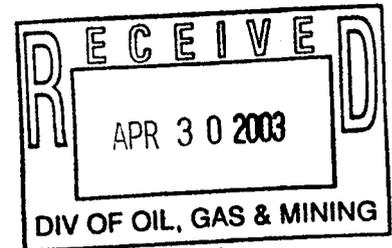
Fax: (435) 781-4410

IN REPLY REFER TO:

3162.3

UT08300

April 14, 2003



Byron R. Woodard
Dark Horse Exploration, Inc.
P. O. Box 2153
Evanston, Wyoming 82931-2153

Re: Wells: Federal 41-9 ✓
NENE, Sec. 9, T9S, R24E
Uintah County, Utah
Lease No. U-5217

Red Wash Fed. 1-18 ✓
NWNE, Sec. 18, T9S, R24E
Uintah County, Utah
Lease No. U-0145459

Federal 23-17 ✓
NESW, Sec. 17, T9S, R24E
Uintah County, Utah
Lease No. U-31266

Federal 23-20 ✓
NESW, Sec. 20, T9S, R24E
Uintah County, Utah
Lease No. U-31266

Dear Mr. Woodard:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced wells. After a review by this office, the change in operator request is approved. Effective immediately, Dark Horse Exploration, Inc. is responsible for all operations performed on the referenced wells. All liability will now fall under your bond, BLM Bond No. UTB000013, for all operations conducted on the referenced wells on the leased land.

If you have any other questions concerning this matter, please contact Leslie Walker of this office at (435) 781-4497.

Sincerely,

Kirk Fleetwood
Petroleum Engineer

cc: UDOGM – Jim Thompson

5. If NO, the operator was contacted contacted on: _____

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **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 4/14/2003 BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **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: N/A

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 7/31/2003

2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 7/31/2003

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: n/a

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UTB000013

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: n/a

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number n/a

2. The FORMER operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The FORMER 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: N/A

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: UTU-0145459
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
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.		8. WELL NAME and NUMBER: Dirty Devil No. 1-18
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	9. API NUMBER: 4304730124	
2. NAME OF OPERATOR: Thurston Energy Operating Company, LLC		10. FIELD AND POOL, OR WILDCAT:
3. ADDRESS OF OPERATOR: PO Box 240 CITY Vernal STATE UT ZIP 84078		PHONE NUMBER: (435) 789-2653

4. LOCATION OF WELL

FOOTAGES AT SURFACE: _____ COUNTY: **Uintah**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NENW 18 9S 24E** 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 (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"/> 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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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"/> COMINGLE 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.

Please be advised that Thurston Energy, LLC has named Thurston Energy Operating Company, LLC as operator of record to replace Dark Horse Exploration, Inc. and that Thurston Energy Operating Company, LLC are considered to be operator of the well effective June 15, 2005; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands.

Bond coverage is provided by Thurston Energy Operating Company's statewide oil and gas bond #UTB-000181.

NAME (PLEASE PRINT) Ralph Curton Jr. TITLE President

SIGNATURE DATE 6/14/2005

(This space for State use only)

RECEIVED
JUN 14 2005
DIV. OF OIL, GAS & MINING

THURSTON ENERGY OPERATING COMPANY, LLC

SELF-CERTIFICATION STATEMENT

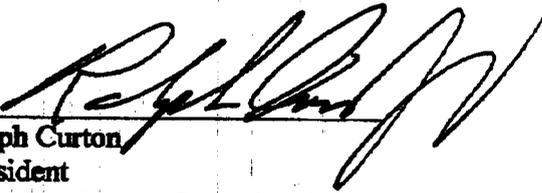
The following self-certification statement is provided per Federal requirements dated June 15, 1988.

Please be advised that Thurston Energy, LLC has named Thurston Energy Operating Company, LLC as operator of record to replace Dark Horse Exploration, Inc. and that Thurston Energy Operating Company, LLC are considered to be the operator of the following well effective June 15, 2005.

Dirty Devil No. 1-18
NE ¼, NW ¼, Section 18, T9S, R24E
Lease UTU-0145459
Uintah County, Utah

Thurston Energy Operating Company, LLC is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage is provided by Thurston Energy Operating Company's statewide oil and gas bond. Due to computer problems at the State BLM Office, a bond number has not been assigned to the operator. A bond is in place and can be confirmed by the attached approval statement or by contacting the State Office.



Ralph Curton
President
Thurston Energy Operating Company, LLC
PO Box 240
Vernal, UT 84078
(214) 704-3896 Cell
(214) 849-5501 Fax
rcurton@att.net

PO BOX 240
VERNAL, UT 84078

RECEIVED

JUN 14 2005

DIV. OF OIL, GAS & MINING

Dear Arleen Russell

Dark Horse Exploration is the Lease holder for 31-15A and 11-29 located south of Vernal Utah. We do not agree to change Operator ship to anyone.

As for are Federal leases 1-18, 23-17, 23-20, and 41-9 located south of Vernal Utah. We do not agree to change operator ship to anyone.

Thank you,
Byron R Woodard
CEO
Dark Horse Exploration Inc.

RECEIVED

JUN 14 2005



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal Field Office

170 South 500 East

Vernal, UT 84078

(435) 781-4400 Fax: (435) 781-4410

<http://www.blm.gov/utah/vernal>



IN REPLY REFER TO:

3162.3

UT08300

July 25, 2005

RECEIVED

JUL 26 2005

Ralph Curton
Thurston Energy Operating Co., LLC
P. O. Box 240
Vernal, Utah 84078

DIV. OF OIL, GAS & MINING

Re: Wells: Federal 41-9 NENE, Sec. 9, T9S, R24E Uintah County, Utah Lease No. U-5217	Red Wash Fed. 1-18 NWNE, Sec. 18, T9S, R24E Uintah County, Utah Lease No. U-0145459
Federal 23-17 NESW, Sec. 17, T9S, R24E Uintah County, Utah Lease No. U-31266	Federal 23-20 NESW, Sec. 20, T9S, R24E Uintah County, Utah Lease No. U-31266

Dear Mr. Curton:

This correspondence is in regard to the sundry notice dated June 8, 2005 requesting a change in operator for the referenced wells. As you are well aware, the right to operate the referenced wells is a matter that is being disputed between Thurston Energy Operating Company, LLC (Thurston) and Dark Horse Exploration Inc. (Dark Horse). On June 24, 2005 this office received a letter from Dark Horse stating that they were opposed to the operator change. After a review by this office, it has been determined that the leases are owned equally by Thurston and Dark Horse.

In Harrison, Thomas D. 150 IBLA 001 (1999) the Interior Board of Land Appeals ruled that

"It is the Authorized Officers responsibility "to approve, inspect and regulate" onshore oil and gas operations with a view to "maximum ultimate recovery of oil and gas ..." 43 CFR 3161.2. When, as here, ownership of the lease is equally held, BLM has discretion to choose an operator that it deems best able to conduct operations in conformance with this policy".

After a review of the current conditions and statuses of the wells, and the status of OGRE reports submitted to the Minerals Management Service, the Authorized Officer has determined that a change of operator from Dark Horse to Thurston would best meet the objectives outlined in 43 CFR 3161.2

Effective immediately, Thurston Energy Operating Company, LLC is responsible for all operations performed on the referenced wells. All liability, will now fall under your bond, BLM Bond No. UTB000181, for all operations conducted on the referenced wells on the leased land.

Our records show that a right-of-way, UTU-71248 has been issued for the off lease portion of the pipeline to the subject well. Thurston Energy Operating Company, LLC to obtain the Bureau

of Land Management's approval for the use of this right-of-way, you must have this right-of-way assigned over to Thurston Energy Operating Company, LLC. Please contact Cindy McKee at 435-781-4434 for instructions on how to complete the assignment of the right-of-way.

If you have any other questions concerning this matter, please contact Kirk Fleetwood of this office at (435) 781-4486.

Sincerely,

A handwritten signature in black ink, appearing to read "Howard B. Cleavinger II". The signature is fluid and cursive, with a large, stylized initial "H" and "C".

Howard B. Cleavinger II
AFM Mineral Resources

cc: UDOGM
Dark Horse Exploration Inc.

7. **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 7/25/2005 BIA n/a

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 7/25/2005

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **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: n/a

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 7/29/2005

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/29/2005

3. Bond information entered in RBDMS on: n/a

4. Fee/State wells attached to bond in RBDMS on: n/a

5. Injection Projects to new operator in RBDMS on: n/a

6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UTB000181

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: n/a

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a

2. The **FORMER** operator has requested a release of liability from their bond on: n/a

The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** 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: n/a

COMMENTS:

BLM approved operator change per rule 43 CFR 3161.2 "After a review by this office, it has been determined that the leases are owned equally by Thurston and Dark Horse. When, as here, **ownership of the lease is equally held**, BLM has discretion to choose an operator that it deems best able to conduct operations in conformance with this policy."

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reenter a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-0145459

6. If Indian, Allottee or Tribe Name

na

7. If Unit or CA, Agreement Designation

na

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

RECEIVED JUN - 9 2005

8. Well Name and No.

Dirty Devil No. 1-18

9. API Well No.

43-047-30124

2. Name of Operator

Thurston Energy Operating Company, LLC

10. Field and Pool, or Exploratory Area

3. Address and Telephone No.

PO Box 240, Vernal, UT 84078; (435) 789-2653

11. County or Parish, State

Uintah Utah

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

T9S, R24E S.L.M. Section 18: NE 1/4, NW 1/4

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

TYPE OF SUBMISSION

Notice of Intent Subsequent Report Final Abandonment Notice

TYPE OF ACTION

Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other Change of operator Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection 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 be advised that Thurston Energy Operating Company, LLC is assuming operations of the Dirty Devil #1-18, NENW Section 18, Township 9 South, Range 24 East, Uintah County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands.

Bond coverage is provided by Thurston Energy Operating Company's statewide oil and gas bond. Due to computer problem at the State BLM Office, a bond number has not been assigned to the operator. A bond is in place and can be confirmed by the attached approval statement or by contacting the State Office. State Wide Bond # UTB-000181

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

Signed

[Signature]

Title

President

Date

6/8/2005

(This space for Federal or State office use)

Approved by

[Signature]

Petroleum Engineer

Date

7/25/05

Conditions of approval, if any:

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

*See Instructions on Reverse Side

RECEIVED

AUG 11 2005

UDOGM

DIV. OF OIL, GAS & MINING

THURSTON ENERGY OPERATING COMPANY, LLC

SELF-CERTIFICATION STATEMENT

The following self-certification statement is provided per Federal requirements dated June 15, 1988.

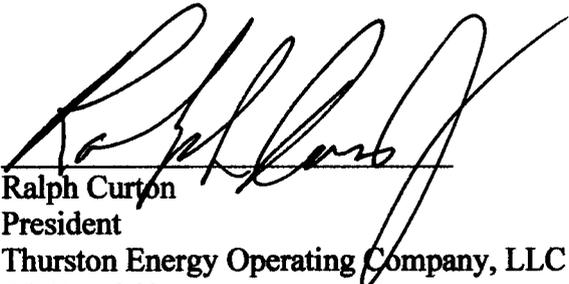
Please be advised that Thurston Energy Operating Company, LLC are considered to be the operator of the following well.

Dirty Devil No. 1-18
NE ¼, NW ¼, Section 18, T9S, R24E
Lease UTU-0145459
Uintah County, Utah

Thurston Energy Operating Company, LLC is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage is provided by Thurston Energy Operating Company's statewide oil and gas bond. Due to computer problems at the State BLM Office, a bond number has not been assigned to the operator. A bond is in place and can be confirmed by the attached approval statement or by contacting the State Office.

State Wide Bond # UTB-D00189



Ralph Curton
President
Thurston Energy Operating Company, LLC
PO Box 240
Vernal, UT 84078
(214) 704-3896 Cell
(214) 849-5501 Fax
rcurton@att.net



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3104
(U-922)

DECISION

Obligors:

Thurston Energy, LLC
Thurston Energy Operating Company, LLC
Co-Principal
2700 Patriot Boulevard, Suite 150
Glenview, IL 60026

Bond Amount: \$25,000
Bond Type: Statewide Oil and Gas
BLM Bond No.: Separate Cover

Financial Institution:

Zions First National Bank
3 West Main
Vernal, Utah 84078

Statewide Oil and Gas Personal Bond and
Certificate of Deposit Accepted

On May 23, 2005, our office received executed Bond Form 3000-4 together with a Time Deposit Account, Receipt No. 0269434502, in the amount of \$25,000 to secure a statewide oil and gas bond for the above obligors.

The Time Deposit will be retained by the Bureau of Land Management (BLM) and will automatically renew annually until all the terms and conditions of your Federal leases have been fulfilled or until a satisfactory replacement bond is accepted by BLM.

The bond will be maintained by this office. The bond constitutes coverage of all operations conducted by or on behalf of the obligor on Federal leases in the State of Utah. The bond provides coverage to the obligor where that obligor has interest in, and/or responsibility for operations on leases issued under the authority of any of the Acts cited on the bond form. Please note that Federal leases do not include Indian leases.

If you have any questions, please contact Connie Scare at (801) 539-4111.

Terry L. Catlin
Acting Chief, Branch of Fluid Minerals



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 6, 2010

Certified Mail No.: 7004 1160 0003 0190 3959

Mr. Tom S. Salk
Thurston Energy Operating
4925 Greenville Avenue, Suite 900
Dallas, TX 75206

43 047 30124
Red Wash Fed 1-18
9S 2AE 18

Subject: Royalty Owner Complaint

Dear Mr. Salk:

As you are well aware, Mr. Garr Roberts filed a complaint with the Utah Division of Oil, Gas and Mining (the Division) on February 16, 2010, against Thurston Energy Operating (Thurston) for royalty payments he is due for production from the Red Wash 1-18, Devils Playground 41-9, Devils Playground 23-17, Dirty Devil Federal 23-20 and Dirty Devil Unit wells for the years 2005 and 2006.

A search of Division records verified Thurston reported production and sales for these wells for the subject time period.

I spoke with you regarding this matter on February 22, 2010. At your request, I sent you an e-mail detailing the complaint that also included a contact number for Mr. Roberts. The Division requested in the e-mail that Thurston resolve this royalty matter with Mr. Roberts.

I re-discussed this matter with you on March 23, 2010. You stated, at that time, someone from Thurston would contact Mr. Roberts to resolve this matter. In addition, you stated there were funds in suspense from the sales in 2005 and 2006.

Thurston is required by Utah Statute that oil and gas proceeds derived from the sale of production from any well producing oil or gas in the state shall be paid to any person legally entitled (40-6-9(1)(a)) and the payment shall be made directly to the person entitled to the payment by the payor (40-6-9(b)). Also, if accrued payments cannot be made within specified

Page 2

Thurston Energy Operating – Royalty Complaint
April 6, 2010

time limits the payor shall deposit all oil and gas proceeds credited to the eventual oil and gas owner to an escrow account in a federally insured bank or savings and loan institution using a standard escrow document form (40-6-9(b)(i)) and the deposit shall earn interest at the highest rate being offered by that institution for the amount and term of similar demand deposits (40-6-9(b)(ii)).

As of today, Thurston has still not contacted Mr. Roberts to make a good faith effort to resolve his royalty complaint. I recommend Thurston contact Mr. Roberts as soon as possible to resolve this matter before the Division is forced to take further action.

Should you need assistance from the Division regarding this matter feel free to contact me at 801-538-5280 or clintondworshak@utah.gov.

Sincerely,



Clinton Dworshak
Compliance Manager

CLD/js

cc: Mr. Garr Roberts
Enforcement File
Well Files

N:\O&G Reviewed Docs\ChronFile\Enforcement

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: U-0145459
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: RED WASH FED 1-18	
2. NAME OF OPERATOR: THURSTON ENERGY OPERATING	9. API NUMBER: 43047301240000	
3. ADDRESS OF OPERATOR: 365 W. 50 N. Ste W-8 , Vernal, UT, 84078	PHONE NUMBER: 214 704-3896 Ext	9. FIELD and POOL or WILDCAT: DEVILS PLAYGROUND
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 18 Township: 09.0S Range: 24.0E Meridian: S	COUNTY: UINTAH	
	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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/31/2011 <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 checked="" 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 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 style="width: 100px;" type="text"/>		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
Please be advised that the Red Wash Federal 1-18 well has resumed production effective 5/31/2011.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Patti Cox	PHONE NUMBER 435 789-8580	TITLE Operations Manager
SIGNATURE N/A	DATE 6/15/2011	

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: U-0145459
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: RED WASH FED 1-18	
2. NAME OF OPERATOR: THURSTON ENERGY OPERATING	9. API NUMBER: 43047301240000	
3. ADDRESS OF OPERATOR: 365 W. 50 N. Ste W-8 , Vernal, UT, 84078	PHONE NUMBER: 214 704-3896 Ext	9. FIELD and POOL or WILDCAT: DEVILS PLAYGROUND
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 18 Township: 09.0S Range: 24.0E Meridian: S	COUNTY: UINTAH	
		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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/31/2011 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <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>Please be advise that the Red Wash Federal 1-18 well has been returned to procing status effective 5/31/2011</p> <p style="text-align: right;">Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</p>		
NAME (PLEASE PRINT) Patti Cox	PHONE NUMBER 435 789-8580	TITLE Operations Manager
SIGNATURE N/A	DATE 6/17/2011	

Effective Date: 9/10/2014

FORMER OPERATOR: Thurston Energy Operating Company P.O. Box 1667 Vernal, UT 84078	NEW OPERATOR: Shiny One Operating Company, LLC P.O. Box 1667 Vernal, UT 84078
CA Number(s):	Unit(s):

WELL INFORMATION:

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
See attached list									

OPERATOR CHANGES DOCUMENTATION:

- Sundry or legal documentation was received from the **FORMER** operator on: 12/10/2014
- Sundry or legal documentation was received from the **NEW** operator on: 12/10/2015
- New operator Division of Corporations Business Number: 5917957-0161

REVIEW:

- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A
- Receipt of Acceptance of Drilling Procedures for APD on: N/A
- Reports current for Production/Disposition & Sundries: 1/4/2015
- OPS/SI/TA well(s) reviewed for full cost bonding: 1/4/2015
- UIC5 on all disposal/injection/storage well(s) approved on: N/A
- Surface Facility(s) included in operator change: N/A
- Inspections of PA state/fee well sites complete on (only upon operators request): N/A

NEW OPERATOR BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB000181
- Indian well(s) covered by Bond Number:
- State/fee well(s) covered by Bond Number(s):
579-146262-4
579-146263-2
579-146264-0
579-146265-7

DATA ENTRY:

- Well(s) update in the **OGIS** on: 1/4/2015
- Entity Number(s) updated in **OGIS** on: 1/4/2015
- Unit(s) operator number update in **OGIS** on: N/A
- Surface Facilities update in **OGIS** on: N/A
- State/Fee well(s) attached to bond(s) in **RBDMS** on: 1/4/2015
- Surface Facilities update in **RBDMS** on: N/A

LEASE INTEREST OWNER NOTIFICATION:

- The **NEW** operator of the Fee (Mineral) wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1/4/2015

COMMENTS:

From: Thurston Energy Operating N2790
 To: Shiny One Operating Company, LLC N4185

Effective 10 September 2014

Well Name	Section	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
RED WASH FED 1-18	18	090S	240E	4304730124	6200	Federal	Federal	GW	P
DEVILS PLAYGROUND 41-9	9	090S	240E	4304730339	6195	Federal	Federal	OW	P
DIRTY DEVIL FEDERAL 23-20	20	090S	240E	4304731009	10698	Federal	Federal	GW	P
DIRTY DEVIL 22X-27	27	090S	240E	4304734825	15109	Federal	Federal	GW	P
THURSTON 7-9-9-24 GR	9	090S	240E	4304740625	17771	Federal	Federal	OW	P
THURSTON 10-15-9-24	15	090S	240E	4304740626	17773	State	Federal	GW	P
THURSTON 12-29-9-24	29	090S	240E	4304740628	18119	State	Federal	GW	P
THURSTON 8-9-9-24	9	090S	240E	4304751428	18135	Federal	Federal	OW	P
DEVILS PLAYGROUND 23-17	17	090S	240E	4304730568	6136	Federal	Federal	GW	S
DIRTY DEVIL UNIT 11-29	29	090S	240E	4304731617	9586	State	Fee	GW	S
THURSTON 5-15-9-24	15	090S	240E	4304740627	17772	State	Federal	GW	S

Delaware

The First State

RECEIVED
SEP 30 2014
PAGE 1
Div. of Oil, Gas & Mining

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "THURSTON ENERGY OPERATING COMPANY, LLC", CHANGING ITS NAME FROM "THURSTON ENERGY OPERATING COMPANY, LLC" TO "SHINY ONE OPERATING COMPANY, LLC", FILED IN THIS OFFICE ON THE TWENTY-FIRST DAY OF AUGUST, A.D. 2014, AT 3:24 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF AMENDMENT IS THE TENTH DAY OF SEPTEMBER, A.D. 2014.

3972888 8100

141350778



You may verify this certificate online
at corp.delaware.gov/authver.shtml


Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 1824738

DATE: 10-30-14

**STATE OF DELAWARE
CERTIFICATE OF AMENDMENT**

1. Name of Limited Liability Company: Thurston Energy Operating Company, LLC
2. The Certificate of Formation of the limited liability company is hereby amended as follows:

The name of Thurston Energy Operating Company, LLC shall be changed to Shiny One Operating Company, LLC, to be effective September 10, 2014.

IN WITNESS WHEREOF, the undersigned have executed this Certificate on the 20 day of August, A.D. 2014.

By:

Crystal Meeks
Authorized Person(s)

Name: Crystal Meeks - Manager

Print or Type

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:
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
8. WELL NAME and NUMBER:
Red WASH FED 1-10
9. API NUMBER:
4-305E+09
10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL: OIL WELL GAS WELL OTHER _____
2. NAME OF OPERATOR: **Sting One Operating Company, LLC**
3. ADDRESS OF OPERATOR: CITY **Vernal** STATE **UT** ZIP **84079** PHONE NUMBER: **435-709-8500**

4. LOCATION OF WELL: FOOTAGES AT SURFACE: COUNTY: **Uintah** STATE: **UTAH**
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **18 - 0905 - 240 E - 6200 - Federal**

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.
Effective 9-10-2014 Thurston energy operating company shall be known as Sting one operating company, LLC

RECEIVED
DEC 10 2014
Div. of Oil, Gas & Mining

NAME (PLEASE PRINT) **Crystal Meeks** TITLE **Assistant Manager**
SIGNATURE **Crystal Meeks** DATE **12-8-14**

(This space for State use only)

APPROVED

JAN 04 2016
DIV. OIL GAS & MINING
BY: **Rachel Medina**