

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS WELL LOG ELECTRIC LOGS FILL WATER SANDS LOCATION INSPECTED OIL SUB. REPORT/abd.

Well additional zone
 890807 Chg of opri name off 10/89
 *APPROVED RE-ENTRY OPERE Name change
 9-11-96 CLK/RK

DATE FILED 10-23-81 * JULY 17, 1996
 LAND: FEE & PATENTED STATE LEASE NO. ML-21844 PUBLIC LEASE NO. INDIAN

DRILLING APPROVED: 11-3-81 * JULY 26, 1996
 SPUDDED IN: 11-24-81 * AUGUST 21, 1996
 COMPLETED: 8-8-82 POW PUT TO PRODUCING: 3-10-82 * 10.24.96 WIND
 INITIAL PRODUCTION: 110' BOPD **CONFIDENTIAL**

GRAVITY A.P.I. 35.7
 GOR:
 PRODUCING ZONES: 5537-5671 & 5044-5109 * 3990-4820 GRAD

TOTAL DEPTH: 6065' * 100LPS
 WELL ELEVATION: 5307' * 5307' NL
 DATE ABANDONED: PA 5-22-90

FIELD: MONUMNET BUTTE

UNIT:
 COUNTY: DUCHESNE

WELL NO. STATE N.G.C. #11-16 * MONUMENT STATE 11-16-9-17B API NO. 43-013-306161
 LOCATION 660 FT. FROM (N) LINE. 659 FT. FROM (W) LINE. NW, NW 1/4 - 1/4 SEC. 16

*EQUITABLE RESOURCES ENERGY

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
17E	16		PG: E Monument				
			NATURAL GAS CORP.				

GEOLOGIC TOPS:

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaite Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
<i>Parachute CR. 1370'</i>	Dakota	Park City	McCracken
<i>Garden Gulch 2530'</i>	Burro Canyon	Rico (Goodridge)	Aneth
<i>Douglas Creek 4480'</i>	Cedar Mountain	Supai	Simonson Dolomite
<i>Black Shale 5255'</i>	Buckhorn	Wolfcamp	Sevy Dolomite
<i>TGR Lime 5700'</i>	JURASSIC	CARBON I FEROUS	North Point
Wasatch	Morrison	Pennsylvanian	SILURIAN
Stone Cabin	Salt Wash	Oquirrh	Laketown Dolomite
Colton	San Rafael Gr.	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE-CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		

ATTENTION: Débbie Béauregard

We would appreciate approval as soon as possible due to a drilling rig commitment. If this is not possible, would you please notify us.

Thank You,

NATURAL GAS CORP. OF CA

Rick Canterbury

OCT 23 1981

DIVISION OF
OIL, GAS & MINING

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

October 20, 1981

OCT 23 1981

Mr. Michael T. Minder
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, UT 84116

OIL, GAS & MINING

Mr. E. W. Guynn
Geological Survey-Conservation Div.
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

Re: NGC #11-16 State
NW/4 NW/4 Section 16, T.9S, R.17E
Duchesne County, Utah
Pleasant Valley Prospect

Gentlemen:

Natural Gas Corporation of California proposes to drill the captioned well in Duchesne County, Utah.

Enclosed are the following documents:

- 1) Application for Permit to Drill
- 2) Survey Plat
- 3) BOP and Pressure Containment Data

Should you require additional information, please contact this office.

Sincerely,

Rick Canterbury kh

Rick Canterbury
Associate Engineer

/kh

Encls.

cc: Operations
C. T. Clark
E. R. Henry

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

5. Lease Designation and Serial No.

ML-21844

6. If Indian, Allottee or Tribe Name

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

Natural Gas Corporation of California

3. Address of Operator

85 South 200 East, Vernal, UT 84078 801-789-4573

4. Location of Well (Report location clearly and in accordance with any State requirements.*)

At surface 660' FNL, 659' FWL, Section 16, T.9S, R.17E

At proposed prod. zone

NWNW

7. Unit Agreement Name

8. Farm or Lease Name

State

9. Well No.

NGC 11-16

10. Field and Pool, or Wildcat

~~Pleasant Valley~~ *monument Butte*

11. Sec., T., R., M., or Blk. and Survey or Area

Section 16, T.9S, R.17E

14. Distance in miles and direction from nearest town or post office*

Approximately 14 miles south of Myton, Utah

12. County or Parrish 13. State

Duchesne Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

659'

16. No. of acres in lease

40

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

6100'

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

5307' GR

22. Approx. date work will start*

October 29, 1981

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	9-5/8"	36#, K-55	300'	To surface
7-7/8"	4-1/2"	11.6#, N-80	T.D.	As required

Operator proposes to drill a 6100' well to test for oil in the Green River and Douglas Creek formations.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

DATE: 11/3/81
BY: [Signature]

007 28 1981

OIL, GAS & MINING

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 [Signature]
Rick Canterbury

Title Associate Engineer

Date Sept. 20, 1981

Permit No. Approval Date

Approved by Title Date

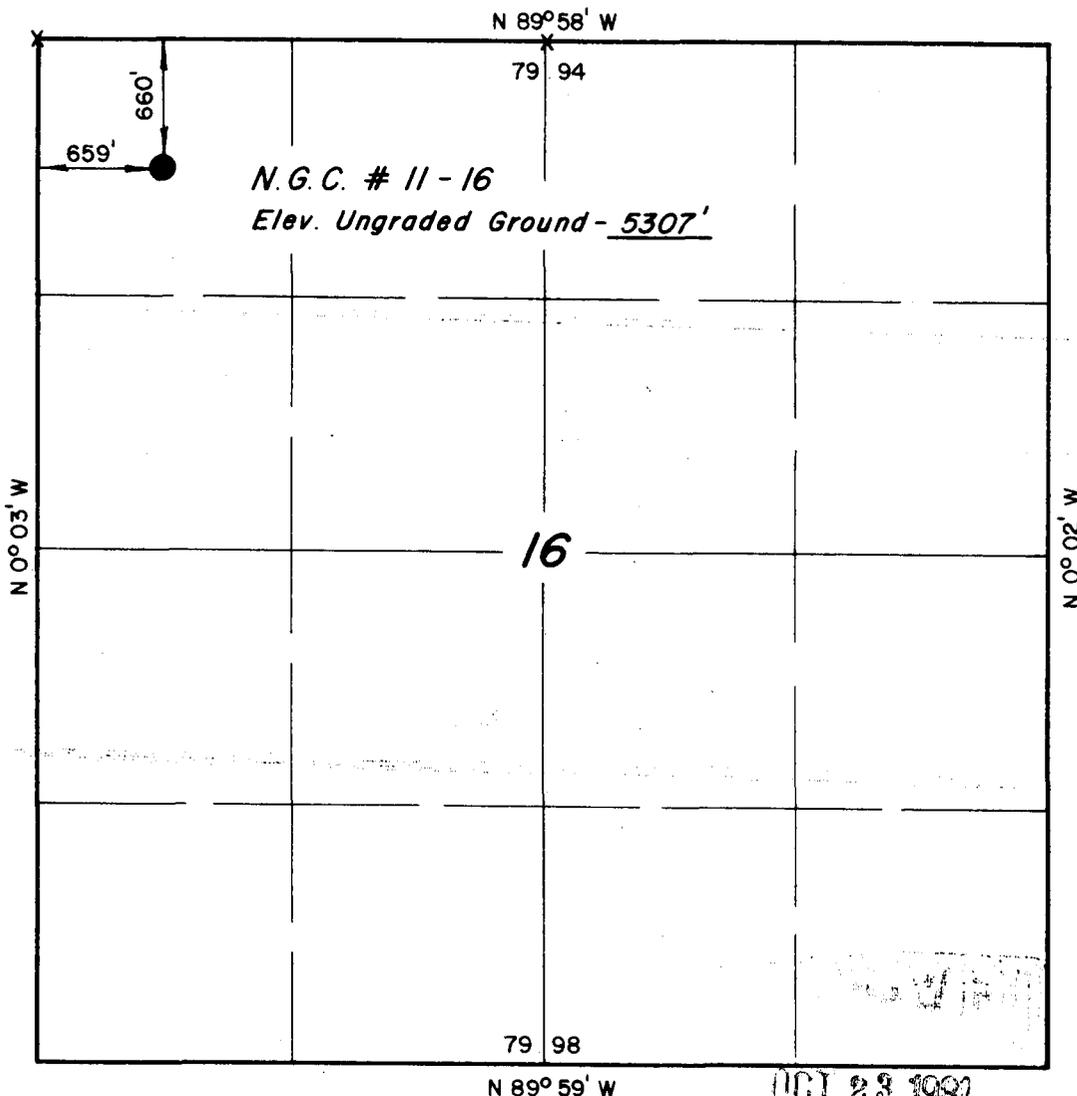
cc: UT Div. of Oil & Gas; USGS; Operations; CTClark; ERHenry

T 9 S, R 17 E, S.L.B.&M.

PROJECT

NATURAL GAS CORP. OF CALIF.

Well location, N.G.C. # 11-16, located as shown in the NW 1/4 NW 1/4 Section 16, T9S, R17E, S.L.B.&M. Duchesne 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

[Signature]

REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 10/20/81
PARTY D.K. T.F. M.O. B.F.W.	REFERENCES GLO Plat
WEATHER Cool & Cloudy	FILE NATURAL GAS CORP.

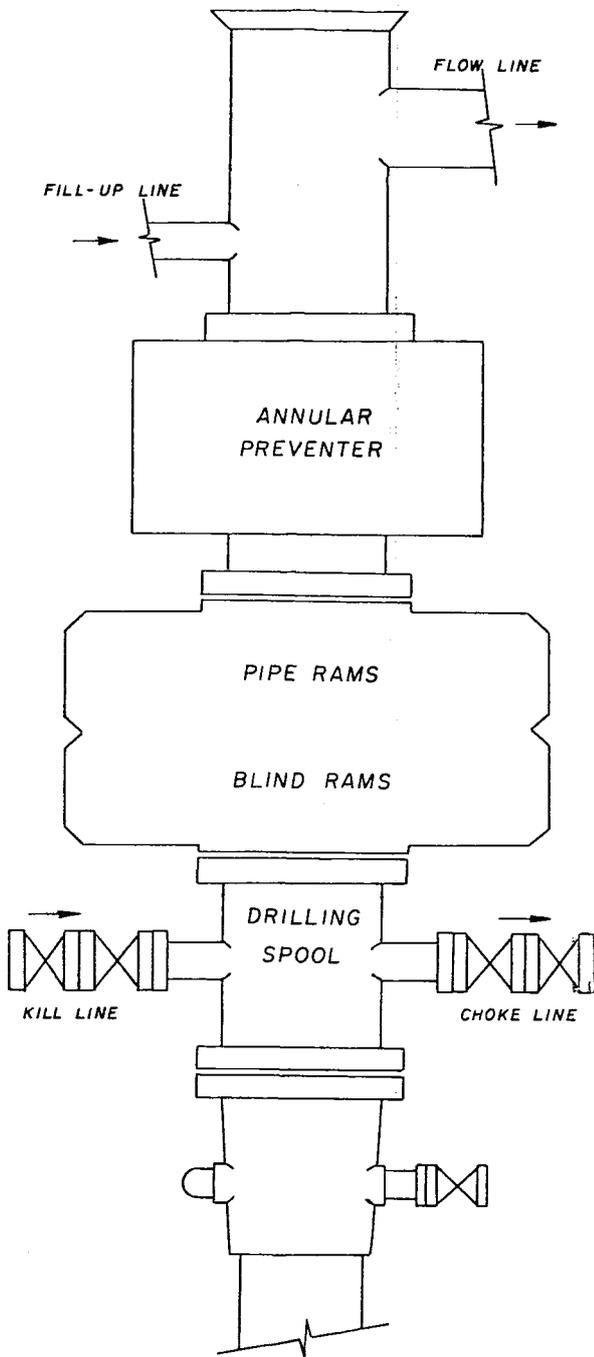
OCT 23 1981

DIVISION OF
OIL, GAS & MINING

X = Section Corners Located

NATURAL GAS CORPORATION
OF
CALIFORNIA
BOP AND PRESSURE CONTAINMENT DATA

NGC #11-16 State
Section 16, T9S, R17E
Duchesne County, UT



1. BOP equip shall consist of a double gate, hydraulically operated preventer with pipe & blind rams or two single ram type preventers, one equipped w/pipe rams, the other w/blind rams.
2. BOP's are to be well braced w/ hand controls extended clear of substructure.
3. Accumulator to provide closing pressure in excess of that required w/sufficient volume to operate all components.
4. Auxiliary equipment: Lower kelly cock, full opening stabbing valve, 2½" choke manifold, pit level indicator &/or flow sensors w/alarms.
5. All BOP equipment, auxiliary equipment stand pipe & valves & rotary hose to be tested to the rate pressure of the BOP's at time of installation & every 30 days thereafter. BOP's to be mechanically checked daily.
6. Modification of hook-up or testing procedure must be approved in writing on tour reports by wellsite representative.

** FILE NOTATIONS **

DATE: Nov. 2, 1981

OPERATOR: Natural Gas Corp. of Calif.

WELL NO: State NGC #11-16

Location: Sec. 16 T. 9S R. 17E County: Duchene

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-013-30616

CHECKED BY:

Petroleum Engineer: _____

Director: OK as per Rule C-3

Administrative Aide: OK as per Rule C-3,

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. _____

O.K. Rule C-3

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

Lease Designation St.

Plotted on Map

Approval Letter Written

Hot Line

P.I.

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

November 3, 1981

Mr. Michael T. Minder
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, UT 84116

Mr. E. W. Guynn
Geological Survey-Conservation Div.
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

Re: NGC #11-16 State
NW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 16, T.9S, R.17E
Duchesne County, Utah
Pleasant Valley Prospect

Gentlemen:

Attached are copies of Form OGC-1b, Sundry Notices and Reports on Wells, Notice of Intention to Change Casing Program, for the above referenced well.

Sincerely,

Rick Canterbury

Rick Canterbury
Associate Engineer

RC/kh

Attachment

cc: Operations
E. R. Henry

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

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or 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 Corporation of California

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078 Telephone 801-789-4573

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
660' FNL, 659' FWL, Section 16, T.9S, R.17E (NW $\frac{1}{4}$ NW $\frac{1}{4}$)

14. PERMIT NO. _____ 15. ELEVATIONS (Show whether DF, RT, OR, etc.)
5307' GR

5. LEASE DESIGNATION AND SERIAL NO.
ML-21844

6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____

7. UNIT AGREEMENT NAME _____

8. FARM OR LEASE NAME
State

9. WELL NO.
11-16

10. FIELD AND POOL, OR WILDCAT
Pleasant Valley

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 16, T.9S, R.17E

12. COUNTY OR PARISH
Duchesne

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) Change casing program

(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 permission to change casing program to 300' of 8-5/8", K-55, STC rather than 300' of 9-5/8" submitted in the application for permit to drill.

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**

DATE: _____
BY: _____

18. I hereby certify that the foregoing is true and correct
SIGNED Rick Canterbury TITLE Associate Engineer DATE November 3, 1981
Rick Canterbury
(This space for Federal or State office use)

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

cc: Div. Oil, Gas & Mining; USGS; Operations; ERHenry

November 4, 1981

Natural Gas Corporation of California
85 South 200 East
Vernal, Utah 84078

RE: Well No. State NEC #11-16,
Sec. 16, T. 9S, R. 17E,
Duchesne County, Utah

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

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

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

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

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

The API number assigned to this well is 43-013-30616.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight

Cleon B. Feight
Director

CBF/db
CC: State Land Board

MM

MM

MM

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078
(801) 789-4573
November 9, 1981

RECEIVED
NOV 12 1981

Mr. Michael T. Minder
Division of Oil, Gas, & Mining
1588 West North Temple
Salt Lake City, UT 84116

DIVISION OF
OIL, GAS & MINING

Mr. E. W. Guynn
Geological Survey-Conservation Comm.
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

Re: NGC #11-16 State
NW NW Section 16, T.9S, R.17E
Duchesne County, Utah
Pleasant Valley Prospect

Gentlemen:

Attached are copies of the Designation of Operator from Chorney Oil Company to Natural Gas Corporation of California, for the above referenced well.

Sincerely,

William A. Ryan
William A. Ryan *kh*
Petroleum Engineer

/kh

Attachment

cc: Operations
C. T. Clark
E. R. Henry

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Department of Natural Resources, Division of State Lands, holder of lease, ML 21844 :

and hereby designates

NAME: NATURAL GAS CORPORATION OF CALIFORNIA
ADDRESS: 7800 E. Union Avenue-Ste. 800
Denver, Colorado 80237

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Director of the Division of State Lands or his representative may serve written or oral instructions in securing compliance with the Rules and Regulations Governing the Issuance of Mineral Leases with respect to (describe acreage to which this designation is applicable):

Township 9 South, Range 17 East, SLM
Section 16: NW $\frac{1}{4}$ NW $\frac{1}{4}$

40 acres, m/1
Duchesne County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Rules and Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Director, Division of State Lands or his representative.

The lessee agrees promptly to notify the Division of State Lands of any change in the designated operator.

CHORNEY OIL COMPANY



(Signature of Lessee)

Sam T. Boltz, Vice President-Operations
1860 Lincoln Street - Ste. 401
Denver, Colorado 80295

November 3, 1981

(Date)

(Address)

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Natural Gas Corporation

WELL NAME: State N. G. C. 11-16

SECTION NWNW 16 TOWNSHIP 9S RANGE 17E COUNTY Duchesne

DRILLING CONTRACTOR Olsen

RIG # 5

SPUDED: DATE 11-24-81

TIME 11:00 AM

How Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Rick Canterbury

TELEPHONE # 789-4573

DATE November 25, 1981

SIGNED DB

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

December 1, 1981

Mr. Michael T. Minder
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, UT 84116

Mr. Sam Boltz, Jr.
Chorney Oil Company
401 Lincoln Tower Bldg.
Denver, CO 80295

Mr. E. W. Guynn
Geological Survey-Conservation Div.
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

Mr. Bob Gilmore
DeGolyer & MacNaughton
No. 1 Energy Square
Dallas, TX 75206

Re: NGC #11-16 State
NW NW Section 16, T.9S, R.17E
Duchesne County, Utah
Pleasant Valley area

Gentlemen:

Attached are copies of Form OGC-lb, Sundry Notices and Reports on Wells,
Report of Spud Date, for the above referenced well.

Sincerely,



Rick Canterbury
Associate Engineer

RC/kh

Attachment

cc: Operations
C. T. Clark
E. R. Henry
S. Furtado

RECEIVED
DEC 03 1981
DIVISION OF
OIL, GAS & MINING

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML-21844
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 Telephone 801-789-4573		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, 659' FWL, Section 16, T.9S, R.17E (NW NW)		8. FARM OR LEASE NAME State
14. PERMIT NO.		9. WELL NO. 11-16
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5307' GR		10. FIELD AND POOL, OR WILDCAT Pleasant Valley
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 16, T9S, R17E
		12. COUNTY OR PARISH Duchesne
		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) Report Spud	X		

(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 reports that the subject well was spudded on November 25, 1981 at 11 a.m. by Olsen Drilling Company, Rig #5.

RECEIVED
DEC 03 1981

DIVISION OF
OIL, GAS & MINING

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

SIGNED Rick Canterbury TITLE Associate Engineer DATE 12/1/81
Rick Canterbury

(This space for Federal or State office use)

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

cc: Div. OG&M; USGS; Chorney; DeGolyer; Operations; CTClark; ERHenry; SFurtado

COMPANY NATURAL GAS CORP. OF CALIF. FILE NO. 3804-0219
 WELL 11-16 PLEASANT VALLEY DATE 7-DEC-81
 FIELD PLEASANT VALLEY FORMATIONS AS NOTED ELEV. 5322 KB
 COUNTY DUCHESNE STATE UTAH DRLG. FLD. WATER BASE MUD CORES _____
 LOCATION NW NW SEC 16-T9S-R17E

CORRELATION COREGRAPH

These analyses, opinions or interpretations are based on observations and material supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc., (all errors or omissions excepted); but Core Laboratories, Inc., and its officers and employees, assume no responsibility and make no warranty or representations as to the productivity, proper operation, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

VERTICAL SCALE: 5" = 100'

Total Water _____

PERCENT PORE SPACE

100 80 60 40 20 0

Oil Saturation _____

PERCENT PORE SPACE

0 0 20 40 60 80 100

Gamma Ray

RADIATION INCREASE →

Permeability x .1

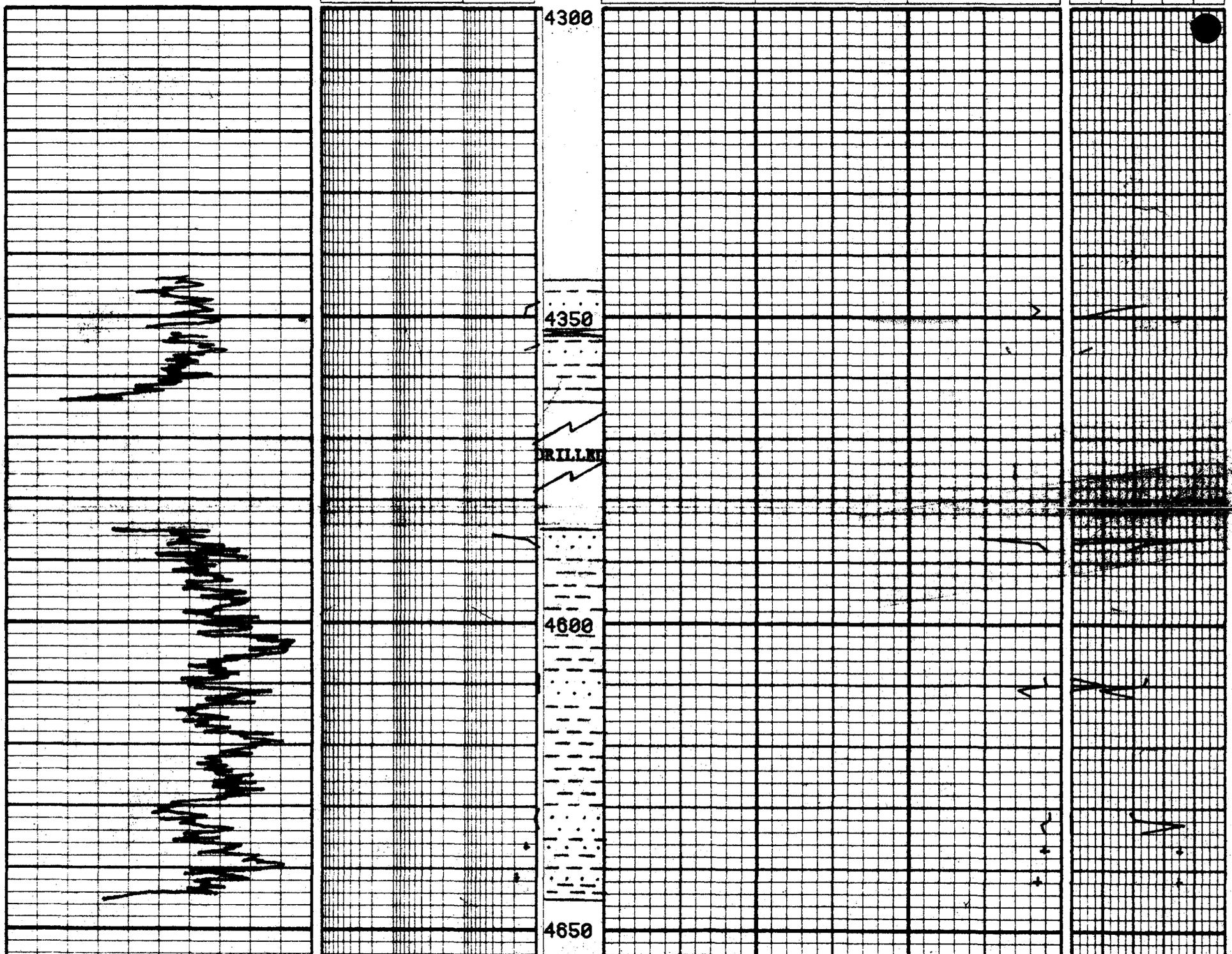
MILLIDARCIES

100 10 1.0 .1

Porosity _____

PERCENT

Depth Feet 30 20 10



✓
CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

PRELIMINARY REPORT

CORE ANALYSIS REPORT

FOR

NATURAL GAS CORP. OF CALIF.

11-16 STATE NGC
MONUMENT BUTTE
DUCHESNE, UTAH

RECEIVED
DEC 11 1981

DIVISION OF
OIL, GAS & MINING

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
 DALLAS, TEXAS

PAGE 1

NATURAL GAS CORP. OF CALIF.
 11-16 STATE NGC
 MONUMENT BUTTE
 DUCHESNE, UTAH

DATE : 7-DEC-81
 FORMATION : GREEN RIVER
 DRLG. FLUID: WATER BASE MUD
 LOCATION : NW NW SEC 16-T9S-R17E

FILE NO : 3804-6219
 ANALYSTS : D.F.
 ELEVATION: 5322 KB

CONVENTIONAL ANALYSIS--BOYLE'S LAW POROSITY

SAMPLE NUMBER	DEPTH	PERM K _a MAXIMUM	POR. H _e	FLUID OIL	SATS. WTR	GRAIN DEN	DESCRIPTION
	4344.0-47.0						NO ANALYSIS--SHALE
1	4347.0-48.0	<0.01	1.9	0.0	52.0	2.68	SS, GY VFG CALC
2	4348.0-49.0	0.01	1.4	0.0	73.9	2.67	SS, GY VFG CALC
3	4349.0-50.0	0.01	1.9	0.0	91.1	2.77	LS, GY SUC FOSS
	4350.0-52.0						NO ANALYSIS--SHALE
	4352.0-53.0						LOST CORE
	4353.0-54.0						NO ANALYSIS--SHALE
4	4354.0-55.0	<0.01	3.6	0.0	86.6	2.69	SS, GY VFG DOL
5	4355.0-56.0	0.01	3.4	0.0	95.3	2.68	SS, GY VFG DOL
	4356.0-64.0						NO ANALYSIS--SHALE

RECEIVED
 DEC 11 1981

DIVISION OF
 OIL, GAS & MINING

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations, or profitableness of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

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

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or 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		5. LEASE DESIGNATION AND SERIAL NO. ML-21844
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 Telephone 801-789-4573		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, 659' FWL, Section 16, T9S, R17E (NW¼ NW¼)		8. FARM OR LEASE NAME State
14. PERMIT NO. 43-013-30616	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5307' GR	9. WELL NO. 11-16
		10. FIELD AND POOL, OR WILDCAT Pleasant Valley
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 16, T9S, R17E
		12. COUNTY OR PARISH Duchesne
		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 checked="" 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"/>	(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.)*

Operator proposes to complete and install production equipment on the above captioned well. Seven zones will be sequentially perforated, acidized and fracture treated. The perms will be 3 SPF, the HCL and fracture fluid will be gelled diesel. The seven zones are as follows:

- 6020 - 30
- 5656 - 72
- 5537 - 48
- 5094 - 5100)
- 5104 - 5109)
- 4934 - 54
- 4672 - 80
- 4563 - 76

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 1/27/82
BY: CB- [Signature]

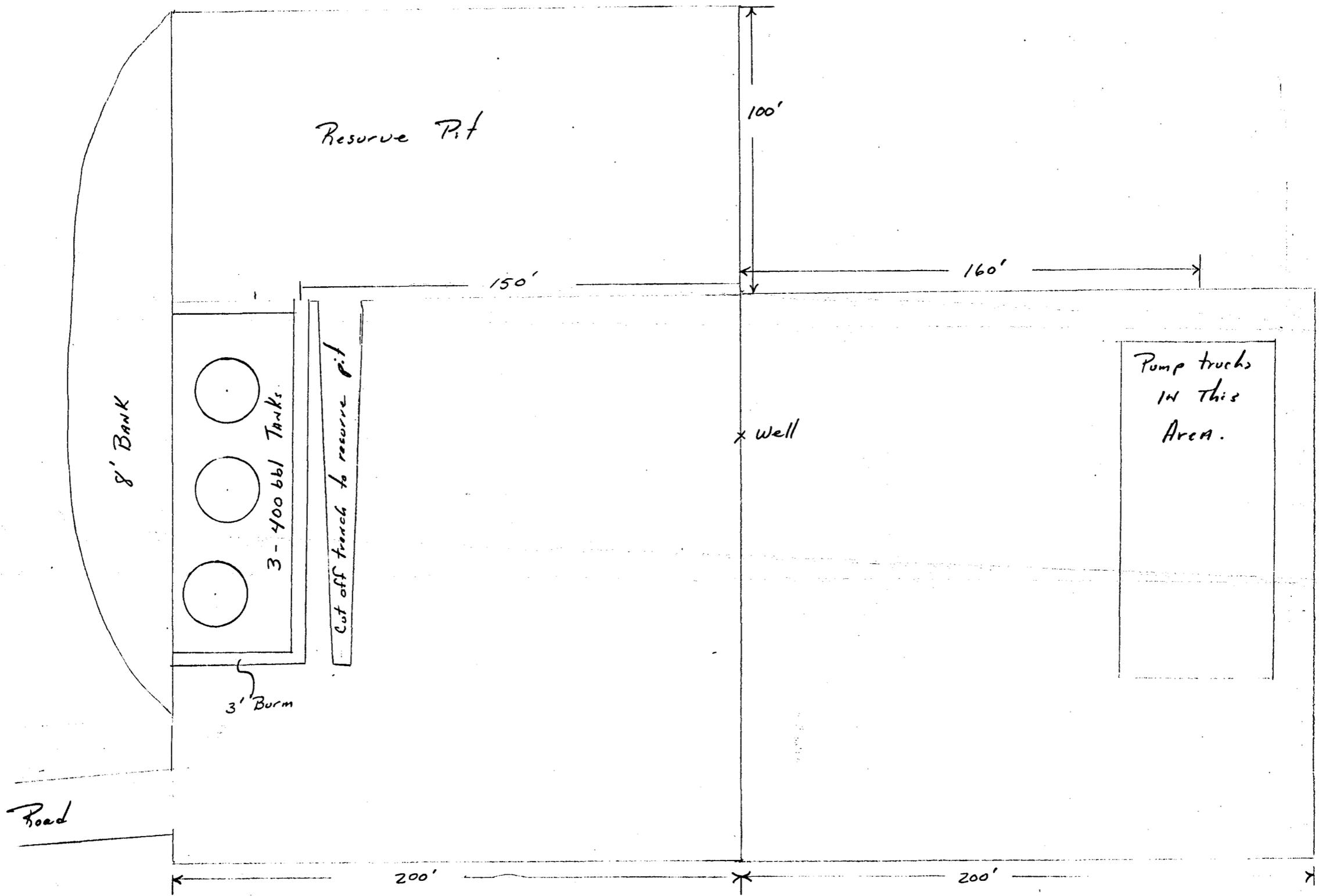
Please see attached location layout.

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

SIGNED William A. Ryan TITLE Petroleum Engineer DATE January 13, 1982
(This space for Federal or State office use)

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

cc: Div. OG&M; USGS; Chorney; Enserch; DeGolyer; Operations; ERHenry; SFurtado



Reserve Pit

8' Bank

3-400 bbl Tanks

Cut off trench to reserve pit

3' Berm

150'

x Well

160'

100'

200'

200'

Pump trucks
in this
Area.

Road



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

February 2, 1982

Natural Gas Corp. of Cal.
85 South 200 East
Vernal, Utah 84078

Re: Well No. Glen Bench #32-29
Sec. 29, T. 8S, R. 22E
Uintah County, Utah

Well No. State N.G.C. 11-16
Sec. 16, T. 9S, R. 17E
Duchesne County, Utah

Well No. Dry Burn Unit State 11-36
Sec. 36, T. 13S, R. 25E
Uintah County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned wells is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse
Clerk Typist

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

February 9, 1982

Ms. Cari Furse
State of Utah
Natural Resources and Energy
Division of Oil, Gas, & Mining
4241 State Office Building
Salt Lake City, UT 84114

Mr. Bob Gilmore
DeGolyer & MacNaughton
No. 1 Energy Square
Dallas, TX 75206

Enserch Exploration, Inc.
475 17th Street, Suite 1322
Denver, CO 80202

Mr. E. W. Gynn
Geological Survey-Conservation Div.
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

Mr. Sam Boltz, Jr.
Chorney Oil Company
1860 Lincoln, Suite 401
Denver, CO 80295

Re: NGC #11-16 State
NW NW Section 16, T.9S, R.17E
Duchesne County, Utah
Pleasant Valley area

Gentlemen:

Enclosed are copies of Form OGC-1b, Sundry Notices and Reports on Wells,
Notification of Well Status, for the above referenced well.

Sincerely,



Rick Canterbury
Associate Engineer

/kh

Encls.

cc: Operations
E. R. Henry
C. T. Clark (Cover Letter Only)

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

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or 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 checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR Natural Gas Corporation of California</p> <p>3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078 Telephone 801-789-4573</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FNL, 659' FWL, Section 16, T.9S, R.17E NW¼ NW¼</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. ML-21844</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME State</p> <p>9. WELL NO. 11-16</p> <p>10. FIELD AND POOL, OR WILDCAT Pleasant Valley</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 16, T.9S, R.17E</p> <p>12. COUNTY OR PARISH 13. STATE Duchesne Utah</p>
<p>14. PERMIT NO. 43-013-30616</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5307' GR</p>	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
<p>TEST WATER SHUT-OFF <input type="checkbox"/></p> <p>FRACTURE TREAT <input type="checkbox"/></p> <p>SHOOT OR ACIDIZE <input type="checkbox"/></p> <p>REPAIR WELL <input type="checkbox"/></p> <p>(Other) <u>Notification of Well Status</u></p>	<p>PULL OR ALTER CASING <input type="checkbox"/></p> <p>MULTIPLE COMPLETE <input type="checkbox"/></p> <p>ABANDON* <input type="checkbox"/></p> <p>CHANGE PLANS <input type="checkbox"/></p>	<p>WATER SHUT-OFF <input type="checkbox"/></p> <p>FRACTURE TREATMENT <input type="checkbox"/></p> <p>SHOOTING OR ACIDIZING <input type="checkbox"/></p> <p>(Other) <input type="checkbox"/></p>	<p>REPAIRING WELL <input type="checkbox"/></p> <p>ALTERING CASING <input type="checkbox"/></p> <p>ABANDONMENT* <input type="checkbox"/></p>

(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 well is still being completed. At this time three of the total seven zones have been perforated and fracture treated. We estimate at this time, another 3-4 months before completion operations are final and this well is producing.

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

SIGNED Rick Canterbury TITLE Associate Engineer DATE 2/9/82
Rick Canterbury

(This space for Federal or State office use)

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

cc: Div. Oil, Gas & Mining; USGS; Chorney; DeGolyer; Enserch; Operations; ERHenry

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078
(801) 789-4573
March 18, 1982

State of Utah
Natural Resources and Energy
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Mr. E. W. Guynn
Minerals Management Service
1745 West 1700 South, Suite 2000
Salt Lake City, UT 84104

Mr. Sam Boltz, Jr.
Chorney Oil Company
1860 Lincoln, Suite 401
Denver, CO 80295

Mr. Bob Gilmore
DeGolyer & MacNaughton
No. 1 Energy Square
Dallas, TX 75206

Enserch Exploration, Inc.
475 17th Street, Suite 1322
Denver, CO 80202

Re: NGC #11-16 State
NW NW Section 16, T.9S., R.17E.
Duchesne County, Utah
Pleasant Valley area

Gentlemen:

Enclosed are copies of Form OGC-3, Well Completion or Recompletion Report and Log, for the above captioned well.

Yours truly,



Rick Canterbury
Associate Engineer

/kh

Encls.

cc: Operations
C. T. Clark
E. R. Henry
S. Furtado
R. Boschee

D. McGinley
J. M. Kunz
K. E. Ree
I. Chai

RECEIVED
MAR 19 1982

**DIVISION OF
OIL, GAS & MINING**

4

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

5. LEASE DESIGNATION AND SERIAL NO.
ML-21844

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
State

9. WELL NO.
11-16

10. FIELD AND POOL, OR WILDCAT
Pleasant Valley

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Section 16, T.9S., R.17E.

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
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078 Telephone 789-4573

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 660' FNL, 659' FWL, Section 16, T.9S., R.17E. NW $\frac{1}{4}$ NW $\frac{1}{4}$
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-013-30616 DATE ISSUED 11/4/81

12. COUNTY OR PARISH Duchesne 13. STATE Utah

15. DATE SPUNDED 11/24/81 16. DATE T.D. REACHED 12/18/81 17. DATE COMPL. (Ready to prod.) 3/8/82 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5307' 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6065' 21. PLUG, BACK T.D., MD & TVD 6010' 22. IF MULTIPLE COMPL., HOW MANY* 2 23. INTERVALS DRILLED BY → 0-TD ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5537-5671 and 5094-5109 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL w/GR, BHC Sonic w/GR & Caliper & F-log overlay, CNL-FDC w/GR 27. WAS WELL CORDED Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
4-1/2	11.6	6104 KB	7-7/8	400 sx	
8-5/8	24.0	326'	12-1/4	240 sx	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8	5716'	

31. PERFORATION RECORD (Interval, size and number)

6020-6030	31 shots
5656-71)	3 SPF 80 shots
5537-48)	
5094-5100)	38 shots
5103-5109)	

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6020-30	1500 gal. acid
5656-71, 5537-48	1488 bbls diesel, 116,000# sand
5094-5109	70 bbls diesel, 810 bbls diesel and 56,000# sand

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
3/10/82	Pumping - American pumping unit #228-246, 86" beam	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3/12/82	24		→	550	0	0	
3/17/82							

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
		→	110	0	0	35.7

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) None TEST WITNESSED BY DeVon Smuin

35. LIST OF ATTACHMENTS
Geological report to follow.

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

SIGNED William A. Ryan TITLE Petroleum Engineer DATE 3/17/82

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

2

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078
November 2, 1982

Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Mr. E. W. Guynn
Minerals Management Service
1745 West 1700 South
Salt Lake City, UT 84104

Mr. Sam Boltz, Jr.
Chorney Oil Company
1860 Lincoln, Suite 401
Denver, CO 80295

Mr. Bob Gilmore
DeGolyer & MacNaughton
No. 1 Energy Square
Dallas, TX 75206

Enserch Exploration, Inc.
475 17th Street, Suite 1322
Denver, CO 80202

Re: NGC #11-16 State
NW NW Section 16, T.9S., R.17E.
Duchesne County, Utah
Pleasant Valley area

Gentlemen:

Attached are copies of Form OGC-3, Well Completion or Recompletion Report and Log, for the subject well.

Sincerely,

William A. Ryan

William A. Ryan
Petroleum Engineer

/kh

Attachment

cc: Operations
C. T. Clark
E. R. Henry
R. Boschee
D. McGinley
J. M. Kunz
M. L. Clarke
I. Chai
S. Furtado

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

5. LEASE DESIGNATION AND SERIAL NO.

ML-21844

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

State

9. WELL NO.

11-16

10. FIELD AND POOL, OR WILDCAT

Pleasant Valley

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

Section 16, T.9S., R.17E.

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

14. PERMIT NO. DATE ISSUED
43-013-30616 11/4/81

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 Perf. additional

2. NAME OF OPERATOR zone

Natural Gas Corporation 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)*

At surface

660' FNL, 659' FWL, Section 16, T.9S., R.17E. (NW $\frac{1}{4}$ NW $\frac{1}{4}$)

At top prod. interval reported below

At total depth

15. DATE SPUDDED 11/24/81 16. DATE T.D. REACHED 12/18/81 17. DATE COMPL. (Ready to prod.) 3/8/82 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5307 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6065 21. PLUG, BACK T.D., MD & TVD 6010 22. IF MULTIPLE COMPL., HOW MANY* 3 23. INTERVALS DRILLED BY → 0-TD ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5537-5671 and 5094-5109 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL w/GR, BHC Sonic w/GR and Caliper and F-log Overlay, CNL-FDC 27. WAS WELL CORRED Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
4-1/2"	11.6	6104 KB	7-7/8	400 sx	
8-5/8"	24.0	326	12-1/4	240 sx	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	5720.79	

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	NUMBER	REMARKS	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4568-73)	6 holes	4540 - 2 holes (for squeeze)	4938-42	33,000 gal gell, 61,000# 20/40sand
4672-77)	3 SPF		4568-77	40,000 gal gell, 141,000# "

33.* PRODUCTION							
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
3/10/82	Pumping - American pumping unit #228-246, 86" beam	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10/31/82	24		→	53	0	4.1	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
0	25	→	53	0	4.1	32.3	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) None TEST WITNESSED BY Boyd Snow

35. LIST OF ATTACHMENTS None

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

SIGNED Wm Ryan TITLE Petroleum Engineer DATE 11/2/82
W. A. Ryan

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

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.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Green River	1370	
				Parachute Ck. (oil shale)	2530	
				Garden Gulch	3700	
				Douglas Creek	4480	
				Black Shale	5255	
				TGR Lime	5730	
				Wasatch	5900	

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

5. LEASE DESIGNATION AND SERIAL NO.
ML-21844

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
State

9. WELL NO.
NGC 11-16

10. FIELD AND POOL, OR WILDCAT
Pleasant Valley

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 16, T.9S., R.17E.

12. COUNTY OR PARISH
Duchesne

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
Natural Gas Corporation of California

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
660' FNL 659' FWL NW $\frac{1}{4}$ NW $\frac{1}{4}$

14. PERMIT NO.
43-013-30616

15. ELEVATIONS (Show whether OP, RT, OR, etc.)
5307' GR

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) Request Temporary Surface Pit <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.)*

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

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 12/20/84
BY: John R. Dejeu

DIVISION OF
OIL, GAS & MINING

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

SIGNED William A. Ryan TITLE Petroleum Engineer DATE Nov. 15, 1984

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

IN REPLY
REFER TO:

3162.5
(U-8010)

RECEIVED
FEB 05 1986

January 31, 1986

DIVISION OF
OIL, GAS & MINING

Mr. John Baza
Utah State Department of Natural Resources and Energy
Division of Oil, Gas, and Mining
3 Triad Center, Suite 360
355 West North Temple
Salt Lake City, Utah 84180-1203

Re: Natural Gas Corp. of California
NGC No. 11-16 Well
Sec. 16, T.9S., R.17E., SLM
API No. 43-013-30616

Dear Mr. Baza:

On August 22, 1985, we were advised by our State Director that we should no longer exercise regulatory authority over wells drilled on state surface and mineral estate with regard to methods of disposal of produced water. Consequently, we are forwarding the referenced application to you for disposition.

If you have any questions concerning this matter, please contact Alvin Burch at (801) 789-1362.

Sincerely,

Alvin L. Burch
Acting Area Manager
Diamond Mountain Resource Area

Encl: 1 Sundry Notice

cc: Natural Gas Corp of California

DM

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

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or 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 Corporation of California

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
660' FNL 659' FWL NW $\frac{1}{4}$ NW $\frac{1}{4}$

16. PERMIT NO. 43-013-30616

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
5307' GR

5. LEASE DESIGNATION AND SERIAL NO.
ML-21844

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
State

9. WELL NO.
NGC 11-16

10. FIELD AND POOL, OR WILDCAT
Pleasant Valley

11. SEC., T., R., M., OR BLK. AND SUBST. OR AREA
STONE surface of Mineral
Sec. 16, T.9S., R.17E.

12. COUNTY OR PARISH
Duchesne

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 <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) Request Temporary Surface Pit <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.)

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.

VERNAL DIST
 ENG. RAW
 GEOL. ATB
 E.S. AH 12-5-84
 PET Mack WDD
 A.M. _____



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

SIGNED William A. Ryan TITLE Petroleum Engineer DATE Nov. 15, 1984

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:
 11-85-301
 BLM

EXPRESS MAIL ROUTING SLIP

PAM
TAMI
VICKY
CLAUDIA
STEPHANE
CHARLES
RULA
MARY ALICE
CONNIE
MILLIE

2-14	10:00
2-14	10:05
	10:10 UC
2-14	1:49 G
2-14	10:33 J
CP	2-14 10:41
RN	2-14 1:30
MAP	2-14 3:43
CO	2-18 7:49
MS	— 8:24

EXPRESS MAIL ROUTING SLIP

PAM
TAMI
VICKY
CLAUDIA
STEPHANE
CHARLES
RULA
MARY ALICE
CONNIE
MILLIE

2-18-84 12:00
2-18-84 1:10
3:05 UC
3:09 G
2-18 3:20
CD 2-18 3:23
RM 2-18 3:42
MAP 2-19 10:19
CD 2-19 10:40
MA 3:24



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

February 13, 1986

Mr. Alvin L. Burch
United States Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

Dear Mr. Burch:

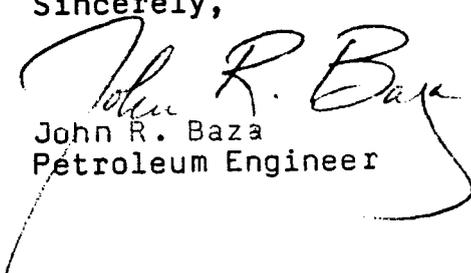
RE: Wells Operated by Natural Gas Corporation of California in
Duchesne and Uintah Counties

In reference to the wells listed on the attached sheet, several letters from your office were recently received by the Division of Oil, Gas and Mining. The letters advise the Division that the Bureau of Land Management could not exercise regulatory authority over these wells as it pertains to approval of temporary disposal pits at each site. The Division appreciates your consideration of this matter.

For your information, the proposed surface pits requested by the operator were approved by this office on December 20, 1984. In fact, two of the wells have subsequently been plugged and abandoned as indicated on the attached sheet.

Please do not hesitate to contact us again in future matters of this type.

Sincerely,


John R. Baza
Petroleum Engineer

sb
Attachment
cc: D.R. Nielson
R.J. Firth
Well Files
0155T-105-106

Attachment 1

Well No. NGC 11-16
Sec.16, T.9S, R.17E
Duchesne County

Well No. 44-36 (P&A 7-25-85)
Sec.36, T.8S, R.15E,
Duchesne County

Well No. NGC 33-32 State
Sec.32, T.8S, R.18E,
Uintah County

Well No. NGC 33-2-H State
Sec.2, T.9S, R.17E,
Uintah County

Well No. NGC 13-16 State (P&A 7-26-85)
Sec.16, T.9S, R.19E,
Uintah County



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:

• NATURAL GAS CORP OF CA
85 SOUTH 200 EAST
VERNAL UT 84078
ATTN: PROD. ACCOUNTING

Utah Account No. N0700
Report Period (Month/Year) 5 / 89
Amended Report

Well Name	Producing	Days	Production Volume		
API Number Entity Location	Zone	Oper	Oil (BBL)	Gas (MSCF)	Water (BBL)
FEDERAL 23-5-G 4301331207 06105 09S 16E 5	GRRV				
NGC FED 32-5G 4301330670 06110 09S 16E 5	GRRV				
FEDERAL 42-4 4301330638 06115 09S 16E 4	GRRV				
SE FLANK UINTAH 1-28 4304730126 06121 15S 22E 28	DKTA				
FEDERAL 24-22 4304730610 06124 08S 22E 22	WSTC				
NGC 33-2H STATE 4304731195 06125 09S 17E 2	GRRV				
D 23-17 SAND RIDGE 4304730623 06126 08S 23E 17	WSTC				
STATE NGC 11-16 4301330616 06130 09S 17E 16	GRRV				
NGC 22-20 4304731356 06135 08S 22E 20	GRRV				
NGC 12-8H FEDERAL 4301330680 06140 09S 17E 8	GRRV				
FED NGC 21-15 4301330614 06145 09S 17E 15	GRRV				
NGC 24-15H FEDERAL 4301330681 06150 09S 17E 15	GRRV				
NGC 33-18J 4304731200 06155 09S 19E 18	GRRV				
TOTAL					

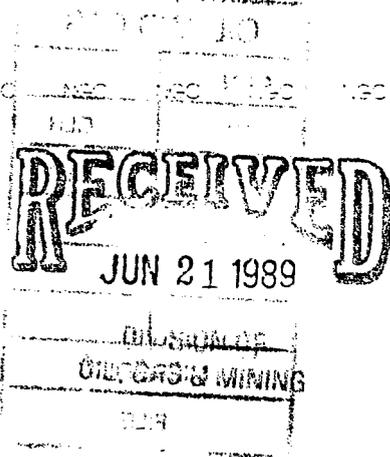
Comments (attach separate sheet if necessary) _____

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

Authorized signature _____ Telephone _____

NGC
Energy
Company

2001 Bryan Tower
Suite 953
Dallas, Texas 75201
(214) 742-2396



June 12, 1989

Dear Operator/Vendor:

NGC Energy Company has changed its' name to PG&E Resources Company and has relocated its' corporate headquarters from Concord, California to Dallas, Texas. All invoices and correspondence currently mailed to Concord, California should now be addressed to:

PG&E RESOURCES COMPANY
2001 Bryan Tower, Suite 953
Dallas, TX 75201

PG&E Resources Company's Rocky Mountain Regional office will continue to operate in Vernal, Utah. Please mail all invoices and correspondence pertaining to the Rocky Mountain region to:

PG&E RESOURCES COMPANY
85 South 200 East
Vernal, UT 84078

All remittances should be mailed to:

PG&E RESOURCES COMPANY
P. O. Box 840274
Dallas, Texas 75284-0274

PG&E Resources Company federal tax identifying number is 94-2882054.

Should you need any additional information, please contact Patti Sanders, Accounts Payable Supervisor.

Sincerely,


Keith H. Perkins
Vice President Controller

KHP/chs

6-26-89

NGC Energy Co : Natural Gas Corp
of CA are one in the same
company. talked w/ Mr. Perkins
he indicated both companies
should reflect the chg. NGC Co.
will send a chg of ops from
Natural Gas Corp to NGC.
JAS

NGC
Energy
Company

OIL AND GAS	
DRN	RJF
1-JRB ✓	GLH
DTS	SLS
2-TAS	
3- MICROFILM ✓	
4- FILE	

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

July 19, 1989

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

RECEIVED
JUL 21 1989

DIVISION OF
OIL, GAS & MINING

Re: Gas Venting in the Glen Bench and Pleasant Valley Areas

Dear Mr. Baza:

Due to the small and declining gas volumes from the following wells, we request approval to discontinue our testing schedule:

<u>Well Number</u>	<u>Date Tested</u>	<u>Volume MCFD</u>
Glen Bench 31-20	07/02/89	6.6 ✓
Glen Bench 13-20	07/03/89	21.6 ✓
Pleasant Valley 21-15-H	06/29/89	16.6 ✓
Pleasant Valley 24-15-H	06/26/89	6.6 ✓
Pleasant Valley 41-30	06/25/89	0 ✓
Pleasant Valley 32-29-I	06/24/89	18.3 ✓
Pleasant Valley 33-18-J	06/23/89	0 ✓
Pleasant Valley 11-16	06/22/89	6.6 ✓
Pleasant Valley 13-9-H	06/29/89	6.6 ✓
Pleasant Valley 24-9-H	06/28/89	0 ✓
Pleasant Valley 33-2-H	06/30/89	0 ✓

Attached are copies of the letter and Sundry Notice filed in July, 1988. Approval was never received from the State of Utah. I went to the BLM July 18, 1989 and talked with Jerry Kenzka, Petroleum Engineer, who approved the request for the BLM. He stated that the BLM does not require testing because of the low volumes of vented gas. He also restated the BLM's approval to vent these wells and that any testing should be regulated by the Utah Oil and Gas Commission. He also said the reason the venting of these wells was not addressed in the "Conditions of Approval", was because of the low volumes vented.

We would appreciate your attention to this matter. If I can be of further assistance, please contact me in the Vernal office at 789-4573.

Sincerely,

Clemott M. Peto Heddleson

Clemott M. Heddleson
Production Supt.
Attachments

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML-21844
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 659' FWL NW/NW		8. FARM OR LEASE NAME State
14. PERMIT NO. 43-013-30616		9. WELL NO. 11-16
15. ELEVATIONS (Show whether OF, AT, OR etc.) 5307' GR		10. FIELD AND POOL, OR WILDCAT Pleasant Valley
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 16, T9S, R17E
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

RECEIVED
JUL 21 1989
DIVISION OF OIL, GAS, AND MINING

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) <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.)*

Due to the small and declining gas volume of 6.6 MCFD from this well, we request approval to discontinue our testing schedule. If this is not acceptable, we request changing the testing schedule from monthly to yearly.

cc: BLM-Vernal District Office; Stan Goodrich; Central Files-Dallas

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

SIGNED Clemott M. Heddleson TITLE Production Supt. DATE 7/18/89
Clemott M. Heddleson

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____
APPROVED BY THE STATE OF UTAH, DIVISION OF OIL, GAS, AND MINING

UTAH DIVISION OF OIL, GAS AND MINING
CONDITIONS OF APPROVAL FOR GAS VENTING OR FLARING

Natural Gas Corporation of California
Various wells listed below
Duchesne and Uintah Counties, Utah
July 28, 1989

Reference document: Letter and sundry notices dated July 19, 1989,

<u>Well Name and Number</u>	<u>Well Location</u>
Glen Bench 13-20	Sec. 20, T. 8S, R. 22E
Glen Bench 31-20	Sec. 20, T. 8S, R. 22E
State 33-2-H	Sec. 2, T. 9S, R. 17E
Federal 13-9-H	Sec. 9, T. 9S, R. 17E
Federal 24-9-H	Sec. 9, T. 9S, R. 17E
Federal 21-15-H	Sec. 15, T. 9S, R. 17E
Federal 24-15-H	Sec. 15, T. 9S, R. 17E
State 11-16	Sec. 16, T. 9S, R. 17E
Federal 41-30	Sec. 30, T. 9S, R. 17E
Federal 32-29-I	Sec. 29, T. 9S, R. 18E
Federal 33-18-J	Sec. 18, T. 9S, R. 19E

1. The operator shall accurately report all production and disposition for the listed wells including gas used on lease and gas vented or flared.
2. For the listed wells, annual stabilized production tests which reflect the normal producing conditions of each of the wells shall be considered as complying with Rule R615-2-8, Measurement of Production.

OI58/93

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
OIL AND GAS INSPECTION RECORD

MEMORANDUM
✓

OPERATOR P.G.+E LEASE STATE
WELL NO. STATE NGC 11-16 API 43-013-30616
SEC. 16 T. 9S R. 17E CONTRACTOR _____
COUNTY DUCH. FIELD MON. BUTTE

DRILLING/COMPLETION/WORKOVER:

APD WELL SIGN HOUSEKEEPING BOPE
 SAFETY POLL. CONTROL SURFACE USE PITS
 OPERATIONS OTHER

SHUT-IN / TA :

WELL SIGN HOUSEKEEPING EQUIPMENT* SAFETY
 OTHER

ABANDONED:

MARKER HOUSEKEEPING REHAB. OTHER

PRODUCTION:

WELL SIGN HOUSEKEEPING EQUIPMENT* FACILITIES*
 METERING* POLL. CONTROL PITS DISPOSAL
 SECURITY SAFETY OTHER

GAS DISPOSITION:

VENTED/FLARED SOLD LEASE USE

LEGEND: Y - YES OR SATISFACTORY
N - NO OR UNSATISFACTORY
NA - NOT APPLICABLE

*FACILITIES INSPECTED: LOC, W. HEAD, P. JACK, GLYCOL TANK, PROPANE
TANK, 2 PITS, 1 TANK

REMARKS: OK

ACTION: _____

INSPECTOR: GARY GAENGE DATE: 3/28/90

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

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 interval. Use "APPLICATION FOR PERMIT" for such proposals.)</small>		3. LEASE DESIGNATION & SERIAL NO. ML 21844
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR PG&E Resources Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 5950 Berkshire Ln., Suite 600, Dallas, TX 75225 (214)750-3800		8. FARM OR LEASE NAME State
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At Surface 660' FNL, 659' FWL NW/NW At proposed prod. zone		9. WELL NO. 11-16
11. API NO. 43-013-30616		10. FIELD AND POOL, OR WILDCAT Pleasant Valley
12. ELEVATIONS (Show whether DF, RT, GR, etc.) 5310' GR		11. SEC. T., R., N. OR BLK. AND SURVEY OR AREA Sec. 16 - T9S-R17E
13. COUNTY Duchesne		12. STATE Utah

APR 06 1990

18. 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 COMPLETION <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(Other) _____
(Other) _____		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
APPROX. DATE WORK WILL START	April, 1990	DATE OF COMPLETION	

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.)

* Must be accompanied by a cement verification report.

Operator proposes to P&A the subject well as follows:

Set CIBP @ 4470' w/50' cmt on top. Set 100' cmt in 4 1/2" csg across 8 5/8" csg shoe f/275'-375'. Set 50' cmt in 5 1/2" csg @ surface and 50' cmt in 5 1/2" by 8 5/8" csg annulus @ surface. Erect regulation dryhole marker w/10 sx sackrete w/fill around marker base to about 18". Cut deadmen 24" below surface. All intervals between plugs filled w/fluid of hydrostatic exceeding greatest formation pressure encountered while drilling. Location to be restored to specs to be provided by the BLM.

cc: BLM-Vernal
Central Files
PG&E Vernal office

OIL AND GAS	
DRN	RJF
JRB ✓	CLH
DTS	SLS
2-TAS	

Utah Div. of State Lands & Forestry

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

SIGNED Michael L. McMiclan TITLE Petroleum Engineer DATE 4-2-90

(This space for Federal or State office use)

APPROVED BY _____ OF UTAH DIVISION OF OIL, GAS, AND MINING

CONDITIONS OF APPROVAL, IF ANY:

See attachment.
(3/89)

DATE: 4-18-90
BY: John A. [Signature]

UTAH DIVISION OF OIL, GAS AND MINING
CONDITIONS OF APPROVAL FOR WELL PLUGGING AND ABANDONMENT

P.G. & E. Resources Co.
State #11-16
Section 16, T. 9S, R. 17E
Duchesne County, Utah
April 18, 1990

Reference document: Sundry notice dated April 2, 1990.

1. The operator shall notify the Division at least 24 hours prior to commencing plugging operations to allow witnessing by a Division representative.

OI58/142

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
OIL AND GAS INSPECTION RECORD



OPERATOR P.G.+E LEASE STATE
WELL NO. STATE NGC 11-16 API 43-013-30616
SEC. 16 T. 9S R. 17E CONTRACTOR _____
COUNTY Duch. FIELD Mon. Butte

DRILLING/COMPLETION/WORKOVER:

<input type="checkbox"/> APD	<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> BOPE
<input type="checkbox"/> SAFETY	<input type="checkbox"/> POLL. CONTROL	<input type="checkbox"/> SURFACE USE	<input type="checkbox"/> PITS
<input type="checkbox"/> OPERATIONS	<input type="checkbox"/> OTHER		

SHUT-IN / TA :

<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> EQUIPMENT*	<input type="checkbox"/> SAFETY
<input type="checkbox"/> OTHER			

ABANDONED:

<input checked="" type="checkbox"/> MARKER	<input checked="" type="checkbox"/> HOUSEKEEPING	<input checked="" type="checkbox"/> REHAB.	<input type="checkbox"/> OTHER
--	--	--	--------------------------------

PRODUCTION:

<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> EQUIPMENT*	<input type="checkbox"/> FACILITIES*
<input type="checkbox"/> METERING*	<input type="checkbox"/> POLL. CONTROL	<input type="checkbox"/> PITS	<input type="checkbox"/> DISPOSAL
<input type="checkbox"/> SECURITY	<input type="checkbox"/> SAFETY	<input type="checkbox"/> OTHER	

GAS DISPOSITION:

<input type="checkbox"/> VENTED/FLARED	<input type="checkbox"/> SOLD	<input type="checkbox"/> LEASE USE
--	-------------------------------	------------------------------------

LEGEND: Y - YES OR SATISFACTORY
N - NO OR UNSATISFACTORY
NA - NOT APPLICABLE

*FACILITIES INSPECTED: LOCATION, MARKER

REMARKS: WELL WAS PLUGGED YESTERDAY - P.G.+E WILL REMOVE EQUIPMENT TO USE ON CURRENT DRILLING PROGRAM.

ACTION: _____

INSPECTOR: GARY GAENER DATE: 5/22/90

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED
MAY 25 1990

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

1b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other Abandonment

2. NAME OF OPERATOR
PG&E Resources Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 660' FNL, 659' FWL NW/NW
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.
ML-21844

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

State

9. WELL NO.
11-16

10. FIELD AND POOL, OR WILDCAT
Pleasant Valley

11. SEC., T., R. M., OR BLOCK AND SURVEY OR AREA
Sec. 16, T9S, R17E

14. API NO. 43-013-30616 DATE ISSUED 11/4/81

12. COUNTY Duchesne 13. STATE Utah

15. DATE SPUDDED 11/24/81 16. DATE T.D. REACHED 12/18/81 17. DATE COMPL. (Ready to prod. or Plug & Abd.) 3/8/82 18. ELEVATIONS (DF, RES. RT, GR, ETC.) 5307' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6105' 21. PLUG BACK T.D., MD & TVD 6010' 22. IF MULTIPLE COMPL. HOW MANY 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)
Plugged and Abandoned 5/22/90 25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED YES NO (Submit analysis) DRILL STEM TEST YES NO (See reverse side)

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
4-1/2"	11.6	6104'	7-7/8"	400 SX	
8-5/8"	24	326'	12-1/4"	240 SX	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION 2- MAG. FILM PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-							

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

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

35. LIST OF ATTACHMENTS

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

SIGNED Mike M. Mean TITLE Production Supt. DATE May 23, 1990

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

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 & SERIAL NO. <p style="text-align: center;">ML-21844</p>	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR PG&E Resources Company		8. FARM OR LEASE NAME State	
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		9. WELL NO. 11-16	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FNL, 659' FWL NW/NW At proposed prod. zone		10. FIELD AND POOL, OR WILDCAT Pleasant Valley	
		11. SEC. T. R., M., OR BLK. AND SURVEY OR AREA Sec. 16, T9S, R17E	
14. API NO. 43-013-30616	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5310' GR	12. COUNTY Duchesne	13. STATE Utah

RECEIVED

MAY 25 1990

DIVISION OF OIL GAS & MINING

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) _____	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____	

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.)

* Must be accompanied by a cement verification report.

Operator reports the subject well was abandoned as follows:

5/19/90: MIRU. Flush tbg & rods w/hot wtr; LD rod string. NU BOP's, unseat tbg anchor & POH 2-3/8" tbg. RIH tbg to 2000'. SD for weekend.

5/22/90: Circ hot wtr, POH tbg, set CIBP @ 4470' and perf circ holes @ 375'. RIH tbg to CIBP, spot 10 sx cmt plug on CIBP, displace hole w/8.6 ppg poz mud. LD tbg, circulate cement thru holes @ 375' and fill 4 1/2" & 8-5/8" csg annulus w/cmt from 375' to surface.

5/23/90: Cut off csg and installed dryhole marker.

NOTE: Location to be restored this fall - need specifications from the Utah Division of State Lands and Forestry.

OIL AND GAS	
DRN	ROP
JRB	GLH
DTS	SLS
1-TAS ✓	

Copies: BLM-Vernal; Chorney; SGoodrich; Central Files

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

SIGNED <u><i>Mike McVicker</i></u>	TITLE <u>Production Supt.</u>	DATE <u>May 23, 1990</u>
<small>(This space for Federal or State office use)</small>		
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

2- MICROFILM ✓
3- FILE

✓
01

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
OIL AND GAS INSPECTION RECORD

OPERATOR PG&E Resources Co LEASE ML 21844
 WELL NO. State 11-16 API 43-013-30616
 SEC. 16 T. 9S R. M CONTRACTOR _____
 COUNTY Duchesne FIELD Monument Butte

DRILLING/COMPLETION/WORKOVER:

<input type="checkbox"/> APD	<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> BOPE
<input type="checkbox"/> SAFETY	<input type="checkbox"/> POLL. CONTROL	<input type="checkbox"/> SURFACE USE	<input type="checkbox"/> PITS
<input type="checkbox"/> OPERATIONS	<input type="checkbox"/> OTHER		

SHUT-IN / TA :

<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> EQUIPMENT*	<input type="checkbox"/> SAFETY
<input type="checkbox"/> OTHER			

ABANDONED:

<input checked="" type="checkbox"/> MARKER	<input checked="" type="checkbox"/> HOUSEKEEPING	<input checked="" type="checkbox"/> REHAB.	<input type="checkbox"/> OTHER
--	--	--	--------------------------------

PRODUCTION:

<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> EQUIPMENT*	<input type="checkbox"/> FACILITIES*
<input type="checkbox"/> METERING*	<input type="checkbox"/> POLL. CONTROL	<input type="checkbox"/> PITS	<input type="checkbox"/> DISPOSAL
<input type="checkbox"/> SECURITY	<input type="checkbox"/> SAFETY	<input type="checkbox"/> OTHER	

GAS DISPOSITION:

<input type="checkbox"/> VENTED/FLARED	<input type="checkbox"/> SOLD	<input type="checkbox"/> LEASE USE
--	-------------------------------	------------------------------------

LEGEND: Y - YES OR SATISFACTORY
 N - NO OR UNSATISFACTORY
 NA - NOT APPLICABLE

*FACILITIES INSPECTED: Loc. Marker & Pit

REMARKS: PEA ID 5-21-90 - All Equip moved off Loc.
No Rehab Done & Pit Not Filled

ACTION: _____

INSPECTOR: JLB DATE: 11-14-90

December 4, 1990

RECEIVED
 DEC 06 1990



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

DIVISION OF
 OIL, GAS & MINING

Re: Annual Stabilized Production Tests

Gentlemen:

Listed below are the results of the annual stabilized production tests for all wells venting gas.

<u>Well</u>	<u>Location</u>	<u>Date</u>	<u>MCFD</u>	<u>Remarks</u>
43-047-31355-Glen Bench 13-20	20-8S-22E	11/90	20	Sold 12/1/90
43-047-31433-Glen Bench 31-20	20-8S-22E	11/90	14	Sold 12/1/90
43-047-31195-State 33-2-H	2-9S-17E	not tested		P&A 5/18/90
43-013-30616-State 11-16	16-9S-17E	not tested		P&A 5/22/90
43-013-30656-Federal 13-9-H	9-9S-17E	9/90	6	
43-013-30682-Federal 24-9-H	9-9S-17E	10/90	0	
43-013-30614-Federal 21-15-H	15-9S-17E	9/90	13	
43-013-30681-Federal 24-15-H	15-9S-17E	9/90	0	
43-013-30680-Federal 12-8-H	8-9S-17E	10/90	7	
43-013-30601-Federal 41-30	30-9S-17E	9/90	0	
43-047-21175-Federal 32-29-I	29-9S-18E	9/90	15	
43-047-21200-Federal 33-18-J	18-9S-19E	9/90	0	

If additional information is needed, please contact the Vernal office at 801-789-4573.

Sincerely,

Mike Mc Mican

Michael L. McMican
 Production Superintendent

MLM/kh

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:
Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone Number:
1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. Location of Well
Footages: 660' FNL & 659' FWL
QQ, Sec., T., R., M.: NW NW Section 16, T9S, R17E

5. Lease Designation and Serial Number:

ML-45431

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

Beluga Unit

8. Well Name and Number:

State NGC 11-16

9. API Well Number:

43-013-30616

10. Field and Pool, or Wildcat:

Monument Butte/Green River

County: Duchesne

State: Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

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

Effective February 1, 1996, with the inception of the Beluga Unit, Equitable Resources Energy Company, Balcron Oil Division will take over operations of this well from:

PG&E Resources Company
85 South 200 East
Vernal, UT 84078

WELL PA
eff 3/22/90

16 006

13.

Name & Signature: Molly Conrad *Molly Conrad* Title: Operations Secretary Date: 2-14-96

(This space for State use only)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

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
 Equitable Resources Energy Company

3. ADDRESS OF OPERATOR
 1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 660' FNL & 659' FWL
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 From Myton, Utah approximately 12 miles South.

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

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 GL 5307.5'

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
Please see attached re-entry procedure and wellbore diagram			

17. NO. OF ACRES ASSIGNED TO THIS WELL

20. ROTARY OR CABLE TOOLS
 Rotary

22. APPROX. DATE WORK WILL START*
 August 15, 1996

RECEIVED

JUL 17 1996

DIV. OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
 State #ML-21844

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 n/a

7. UNIT AGREEMENT NAME
 Beluga Unit

8. FARM OR LEASE NAME
 Monument State

9. WELL NO.
 #11-16-9-17B

10. FIELD AND POOL, OR WILDCAT
 Monument Butte/Green River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 NWNW Sec. 16, T9S, R17E

12. COUNTY OR PARISH
 Duchesne

13. STATE
 Utah

See attached listing of attachments.

This is a re-entry of the former State NGC #11-16.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

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 Mary Conrad TITLE Operations Secretary DATE 7-15-96

(This space for Federal or State office use)

PERMIT NO. 43-013-30616 APPROVAL DATE _____

APPROVED BY [Signature] TITLE Petroleum Engineer DATE 7/26/96

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

EXHIBIT "1"

T9S, R17E, S.L.B.&M.

EQUITABLE RESOURCES ENERGY CO.

S89°59'E (G.L.O.) Basis of Bearings
2639.93' (Measured)

N89°58'W - 39.97 (G.L.O.)

WELL LOCATION, MONUMENT STATE
#11-16-9-17B, LOCATED AS SHOWN IN THE
NW 1/4 NW 1/4 OF SECTION 16, T9S,
R17E, S.L.B.&M. DUCHESNE COUNTY,
UTAH.

WELL LOCATION:
MONUMENT STATE #11-16-9-17B
ELEV. UNGRADED GROUND = 5307.5'

660'
(Comp.)

660'

N0°03'W (G.L.O.)

16

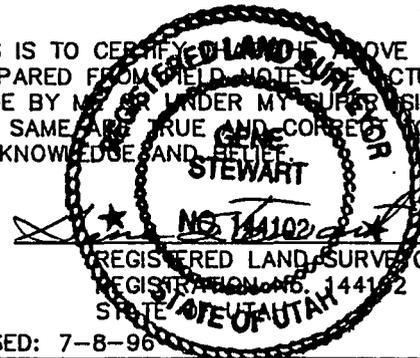
N0°02'W (G.L.O.)

Note:
Proposed Well Head Bears
S44°59'30"E 933.70' From the
Northwest Corner of Section 16.

N89°59'W - 79.98 (G.L.O.)



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.



REVISED: 7-8-96

TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

SCALE: 1" = 1000'

SURVEYED BY: S.S. D.S.

DATE: 6-27-96

WEATHER: HOT

NOTES:

FILE #

CONFIDENTIAL

AS OPERATOR, WE HEREBY REQUEST THAT THE STATUS OF THIS WELL BE HELD TIGHT FOR THE MAXIMUM PERIOD ALLOWED BY FEDERAL AND STATE REGULATION.

**Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860**



EXHIBITS FOR MONUMENT STATE #11-16-9-17B RE-ENTRY:

- A. PROPOSED DRILLING PROGRAM
- B. PROPOSED SURFACE USE PROGRAM
- C. GEOLOGIC PROGNOSIS
- D. RE-ENTRY PROCEDURE / WELLBORE DIAGRAM
- F. EXISTING & PLANNED ACCESS ROADS (MAPS A & B)
- G. EXISTING ROADS (MAP C)
- H. PROPOSED PRODUCTION FACILITY DIAGRAM
- I. SURVEY PLAT
- J. LAYOUT / CUT & FILL DIAGRAM

Monument State 11-16-9-17B
(formally State NGC #11-16)
NW NW Sec. 16 T9S R17E
Duchesne County, Utah

EXHIBIT "A"
Page 1 of 2

PROPOSED DRILLING PROGRAM

In accordance with requirements outlined in 43 CFR 3162-3.1 (d) :

1. ESTIMATED IMPORTANT GEOLOGICAL MARKERS :

See Geologic Prognosis (EXHIBIT "C")

2. ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS OR WATER :

See Geologic Prognosis (EXHIBIT "C")

3. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL :

- a. A 2M double ram completion BOP will be used. The blind rams and pipe rams will be tested to 1500 psi before starting.
- b. The BOP will be tested to 1500 psi when initially installed, whenever any seal subject to test pressure is broken, and following related repairs. The pipe and blind rams will be activated at least weekly and on every trip the pipe and blind rams will be activated.
- c. An accumulator of sufficient capacity to close all rams and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps will be installed during the completion of this well.
- d. A TIW valve will be used during the drilling out of cement plugs on this well.
- e. Sufficient quantities of mud materials will be readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Both the surface casing and production casing have been cut off slightly below the surface. It will be necessary to rebuild both casing strings back up to GL. The production casing will be tested for integrity after each cement plug is drilled out.
- b. For details of casing, cement program, and drilling fluid program, see the following attachment :

Re-entry Procedure / Wellbore Diagram (EXHIBIT "D")



Monument State #11-16-9-17B
(formally State NGC #11-16)
SE SE Sec. 8 T9S R17E
Duchesne County, Utah

EXHIBIT "A"
Page 2 of 2

PROPOSED DRILLING PROGRAM

5. HAZARDOUS PRESSURES, TEMPERATURES, FLUIDS/GASSES EXPECTED :

- a. Expected bottom hole temperature is 125 degrees F. Expected bottom hole pressure is 1500 psi.
- b. No abnormal pressures or temperatures have been noted or reported in wells drilled to the Green River formation in this area.
- c. No dangerous levels of hydrogen sulfide, hazardous fluids, or gasses have been found, reported, or known to exist at the depth of this well.

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS :

- a. The operations for this well will begin as soon after APD approval as possible.
- b. These operations should be completed within 12 days after start-up of the well depending on weather and hole conditions.
- c. If the well is productive, a sundry notice and plat showing exact installed facilities will be submitted.
- d. If the well is non-productive, a sundry notice will be filed with the BLM District Office within 30 days following completion of the well for abandonment.

Multi-Point Surface Use and Operations Plan

EQUITABLE RESOURCES ENERGY COMPANY
MONUMENT FEDERAL #11-16-9-17B
NW NW SECTION 16, T9S, R17E
DUCHESNE COUNTY, UTAH

1. Existing Roads: Refer to Maps "A" & "B"

- A. The proposed well site is staked and four reference stakes are present. 150' & 200' North and 200' & 250' East.
- B. The Monument Federal #11-16-9-17B is located 12 miles South of Myton Utah in the NW1/4 NW1/4 Section 16, T9S, R17E, SLB&M, Duchesne County, Utah. To reach the 11-16-9-17B, proceed West from Myton, Utah along U.S. Highway 40 for 1.6 miles to the junction of this highway and Sand Wash road; Proceed South along the Sand Wash road approximately 11.5 miles to a road intersection. Turn right and continue 0.9 miles to a road intersection. Turn left and proceed 0.5 mile to a road intersection. Turn left and continue 0.3 mile to a road intersection. Turn right and proceed 0.1 mile to location.
- C. Access roads - refer to Maps "A" and "B".
- D. Access roads within a one-mile radius - refer to map "B".
- E. The existing roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the well location.

2. Planned Access Roads: Refer to Map "B"

No new road construction will be required for access to the proposed well location.

- A. Width - maximum 30-foot overall right-of-way with an 18-foot road running surface, crowned & ditched and/or sloped and dipped.

- B. Construction standard - the access road will be constructed so as to conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. (1989)

The road will be constructed to meet the standards of the anticipated traffic flow and all-weather requirements. Construction will include ditching, draining, crowning, and capping or sloping and dipping the roadbed as necessary to provide a well constructed and safe road. Prior to construction/upgrading, the roadway shall be cleared of any snow cover and allowed to dry completely. Traveling off of the thirty (30) foot right-of-way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossing shall be designed so they will not cause siltation or the accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts.

Upgrading shall not be allowed during muddy conditions.

Should mud holes develop, they shall be filled in and detours around them avoided.

- C. Maximum grade - Less than 8%
- D. Turnouts - no turnouts will be required on this access road.
- E. Drainage design - the access road will be crowned and ditched or sloped and dipped, and water turnouts installed as necessary to provide for proper drainage along the access road route.
- F. Culverts, cuts and fills - none.
- G. Surface materials - all construction materials will be native material taken from onsite.
- H. Gates, cattleguards or fence cuts - none required.
- I. Road maintenance - during both the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and will be maintained in accordance with the original construction standards. All drainage ditches and culverts

will be kept clear and free-flowing, and will also be maintained in accordance with the original construction standards. The access road right-of-way will be kept free of trash during operations.

J. The proposed access road has been centerline flagged.

K. If a right-of-way is required please consider this APD the application for said right-of-way.

3. Location of Existing Wells Within a One-Mile Radius:

Please Refer to Map "C"

- A. Water wells - none known.
- B. Abandoned wells - see Map "C"
- C. Temporarily abandoned wells - none known.
- D. Disposal wells - none known.
- E. Drilling wells - none known.
- F. Producing wells - see Map "C".
- G. Shut-in wells - none known.
- H. Injection wells - none known.
- I. Monitoring wells - none known.

4. Location of Existing and/or Proposed Facilities Owned by Equitable Resources Energy Company Within a One-Mile Radius:

A. Existing

- 1. Tank batteries - see Map "C".
- 2. Production facilities - see Map "C".
- 3. Oil gathering lines - none.
- 4. Gas gathering lines - see Map "C".

B. New Facilities Contemplated

- 1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty-five (25) feet from the toe of the backslope or toe of the fill slope.
- 2. The production facilities will consist primarily of a pumping unit, Two tanks and an emergency pit. A diagram showing the proposed production facility layout is included in this APD.
- 3. Production facilities will be accommodated on the existing well pad. Construction materials required for installation of the production facilities will be obtained from the site; any additional materials required will be purchased from a local supplier having

a permitted (private) source of materials within the area.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

4. All permanent (onsite for six months or longer) above the ground structures constructed or installed including pumping units) will be painted Desert Brown. All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.

C. The production (emergency) pit will be 12'x12' and will be fenced. Said fence will be maintained in good condition.

D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road right-of-way and any additional areas as specified in the approved Application for Permit to Drill.

E. Reclamation of disturbed areas no longer needed for operation will accomplished by grading, leveling and seeding as recommended by the Bureau of Land Management.

For Pipeline:

F. Any proposed pipelines will be submitted to the authorized officer Via Sundry Notice for approval of subsequent operations.

G. Equitable Resources Energy Company shall be responsible for road maintenance from the beginning to completion of operations.

5. Location and Type of Water Supply

A. Water to be used for the drilling of these wells will be hauled by truck over the roads described in item #1 and item #2, from a well owned by Owen Dale Anderson of Vernal Utah or from a spring owned by Joe Shields of Myton Utah. Source will be determined by sundry notice closer to the

beginning of drilling operations.

B. No water well will be drilled on this location.

6. Source of Construction Materials

A. No construction materials are needed for drilling operations. In the event of production, the small amount of gravel needed for facilities will be hauled in by truck from a local gravel pit over existing access roads to the area. No special access other than for drilling operations and pipeline construction is needed.

B. All access roads crossing Federal land are described under item #2, and shown on Map #A.

All construction material for these location sites and access roads shall be borrowed material accumulated during the construction of the location sites and access roads. No additional construction material from other sources is anticipated at this time, if in the future it is required the appropriate actions will be taken to acquire it from private sources.

C. All surface disturbance area is on B.L.M. lands.

D. There are no trees on this location.

7. Methods of Handling Waste Materials:

A. Cuttings - the cuttings will be deposited in the reserve pit.

B. Drilling fluids - including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within one hundred twenty (120) days after termination of drilling and completion activities.

In the event adverse weather conditions prevent removal of the fluids from the reserve pit within this time period, an extension may be granted by the Authorized Officer upon receipt of a written request from Equitable Resources Energy Company.

The reserve pit will be constructed so as not to leak, break, or allow discharge. The reserve pit will be lined with a 12 mil plastic reinforced liner.

C. Produced fluids - liquid hydrocarbons produced during completion operations will be placed in test tanks on the location. Produced waste water will be confined to a lined pit (reserve pit) or storage tank for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, in accordance with Onshore Order #7, an application for approval of a permanent disposal method and location, along with the required water analysis, shall be submitted for the Authorized Officer's approval. Failure to file an application within the time frame allowed will be considered an incidence of noncompliance.

Any spills of oil, gas, salt water or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

- D. Sewage - self-contained, chemical toilets will be provided for human waste disposal. Upon completion of operations, or as needed, the toilet holding tanks will be pumped and the contents thereof disposed of in the nearest, approved, sewage disposal facility.
- E. Garbage and other waste material - garbage, trash and other waste materials will be collected in a portable, self-contained and fully-enclosed trash cage during drilling and completion operations. Upon completion of operations (or as needed) the accumulated trash will be disposed of at an authorized sanitary landfill. No trash will be burned on location or placed in the reserve pit.
- F. Immediately after removal of the drilling rig, all debris and other waste materials not contained in the trash cage will be cleaned up and removed from the well location. No adverse materials will be left on the location. Any open pits will be fenced during the drilling operation and the fencing will be maintained until such time as the pits are backfilled.
- G. The reserve and/or production pit will be constructed on the existing location and will not be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls. All pits will be constructed so as not to leak, break, or allow the discharge of liquids therefrom.

8. Ancillary Facilities:

None anticipated.

9. Wellsite Layout:

- A. Plat #1 shows the drill site layout as staked. Cross sections have been drafted to visualize the planned cuts and fills across the location. An average minimum of six (6) inches of topsoil will be stripped from the location (including areas of cut, fill, and/or subsoil storage) and stockpiled for future reclamation of the well site. Refer to Figure #1 for the location of the topsoil and subsoil stockpiles. The reserve pit will be on the South side of location. Access will be from the West near corner #7.
- B. Plat #2 is a diagram showing the rig layout. No permanent living facilities are planned. There may be as many as three (3) trailers on location during drilling operation.
- C. A completion rig will be moved onto location for completion operations after drilling operations have been completed and the drilling rig has been moved off location.
- D. A diagram showing the proposed production facility layout is included in this APD.
- E. The reserve pit will be constructed so as to be capable of holding 12,000 bbls. of fluid.

The reserve pit will be lined with a 12 mil plastic liner, it will be torn and perforated after the pit dries and before backfilling of the reserve pit.

- F. Prior to the commencement of drilling operations, the reserve pit will be fenced on three (3) sides using 39-inch net wire with one strand of barbed wire on top of the net wire. The net wire will be no more than two inches above the ground. the barbed wire will be three inches above the net wire. total height of the fence will be at least 42-inches.
 - 1. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
 - 2. Standard steel, wood, or pipe posts shall be used between the corner braces. The maximum distance between any two (2) posts shall be no greater than sixteen (16) feet.
 - 3. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The fourth side of the reserve pit will be fenced immediately upon removal of the drilling rig and the fencing will be maintained until the pit is backfilled.

- G. Any hydrocarbons on the pit will be removed from the pit as soon as possible after completion operations are completed.

10. Plans for Reclamation of the Surface:

The B.L.M. will be contacted prior to commencement of any reclamation operations.

A. Production

1. Immediately upon well completion, the well location and surrounding area(s) will be cleared of all debris, materials, trash and junk not required for production.
2. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
3. The plastic pit liner shall be torn and perforated before backfilling of the reserve pit.
4. Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc. will be removed.

Other waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities.

5. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed within one hundred twenty (120) days from the date of well completion, weather permitting.
6. If the well is a producer, Equitable Resources Energy Company will, upgrade and maintain access roads as necessary to prevent soil erosion, and accommodate year round traffic. Reshape areas unnecessary to operations, distribute topsoil, disk and seed all disturbed areas outside the work area according to the recommended seed mixture. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

If the well is abandoned/dry hole, Equitable Resources

Energy Company will, restore the access road and location to approximately the original contours. During reclamation of the site, push the fill material into cuts and up over the backslope. Leave no depressions that will trap water or form ponds. Distribute topsoil evenly over the location, and seed according to the above seed mixture. The access road and location shall be ripped or disked prior to seeding. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

Seedbed will be prepared by disking, following the natural contours. Seed will be drilled on contours at a depth no greater than one-half inch (1/2"). In areas that cannot be drilled, seed will be broadcast at double the seeding rate and harrowed into soil. Certified seed will be used whenever available.

Fall seeding will be completed after September 15 and prior to prolonged ground frost. Spring seeding, to be effective, will be completed after the frost has left the ground and prior to May 15th.

7. Upon completion of backfilling, leveling and recontouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). Prior to reseeding, all disturbed surfaces will be scarified and left with a rough surface. No depressions will be left that would trap water and form ponds. All disturbed surfaces will be reseeded with the seed mixture stipulated by the B.L.M.

Seed will be drilled on the contour to a approximate depth of one-half (1/2) inch. All seeding will be conducted after September 15 and prior to ground frost. Spring seeding will be done after the frost leaves the ground and no later than May 15. If the seeding is unsuccessful, Equitable Resources may be required to make subsequent seedings.

B. Dry Hole/Abandoned Location

1. On lands administered by the Bureau of Land Management, abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include:
 - (c) ensuring revegetation of the disturbed areas to the specifications of the Bureau of Land Management at the time of abandonment.

2. All disturbed surfaces will be recontoured to the approximate natural contours and reseeded according to BLM specifications. Reclamation of the well pad and access road will be performed as soon as practical after final abandonment and reseeded operations will be performed in the fall or spring following completion of reclamation operations.

11. Surface Ownership:

The well site and proposed access road are situated on surface lands administered by

Bureau of Land Management
Vernal District Office
Vernal, Utah

12. Other Information:

- A. Topographic and geologic features of the area (reference Topographic Map #A) are:

The proposed drill site is located in the Monument Butte oil field, which lies in a large basin formed by the Uinta Mountains to the North and the Bookcliff Mountains to the South. The site is located approximately 15 miles Northwest of the Green River, which is the major drainage for this area, and approximately 13 miles Southwest of Myton Utah.

This basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone, conglomerate deposits and shale are common in this area.

The geologic structures that are visible in the area are of the Uinta formation (Eocene Epoch) tertiary period and the cobblestone and younger alluvial deposits from the Quaternary period.

The soils in the semi-arid area of the Williams Fork Formation (Upper Cretaceous) and Wasatch Formation (Eocene) consist of light brownish gray clay (OL) to sand soil (SM-ML) type with poorly graded gravels.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a sandy clay (SM-ML)

type soil to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of a non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

The flora of the area includes sagebrush, mountain mahogany, serviceberry, rabbit brush, greasewood, four-wing saltbush, Gambel scrub oak, willow, tamarack, shadscale, Spanish bayonet, indian rice grass, cheatgrass, wheatgrass, curly grass, crested wheatgrass, sweet clover, gum weed, foxtail, mustard, Canadian thistle, Russian thistle, Kochia, sunflowers and cacti.

The fauna of the area includes cattle, horses, elk, deer, coyotes, rabbits, rodents, lizards, bull snakes, rattle snakes, water snakes and horned toads. Birds of the area are ground sparrows, bluejays, bluebirds, magpies, ravens, raptors, morning doves, swallows, nighthawks, hummingbirds, and chukar.

- B. The surface ownership is Federal. The surface use is grazing and petroleum production.
- C.
 1. The closest live water is the Green River which is approximately 15 miles Southwest of the proposed site.
 2. There are no occupied dwellings in the immediate area
 3. An archaeological report will be forwarded upon completion.
 4. There are no reported restrictions or reservations noted on the oil and gas lease.
 5. A silt catchment dam will not be required for this location.

13. Lessee's or Operator's Representative:

Equitable Resources Energy Company
1601 Lewis Avenue
P.O. Box 21017
Billings, Montana 59104
(8:00 a.m. to 5:00 p.m.)
(406)259-7860
FAX: (406)245-1361

Dave McCoskery, Operations Manager Home: (406)248-3864
Mobile: (406)698-3732

Dale Griffin, Operations Supervisor Home: (801)781-1018
Mobile: (801)828-7291

14. certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that any statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Balcron Oil, a division of Equitable Resources Energy Company, and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

7-15-96

Date

Molly Conrad

Molly Conrad
Operations Secretary



Monument State #11-16-9-17B
(formally State NGC #11-16)
NW NW Sec. 16 T9S R17E
Duchesne County, Utah

EXHIBIT "D"
Page 1 of 3

RE - ENTRY Procedure

- 1.) Remove dry hole marker. Rebuild casing head and reconstruct 5-1/2" casing back up surface. Install tubing head.
- 2.) Rebuild access road. Remove and stock pile top soil from old well site.
- 3.) Level location and pad area to 150 ft W X 250 ft L. Dig small working pit : 35 ft X 35 ft X 6 ft.
- 4.) Set rig anchors. Move in and rig up completion rig with mud tank and drilling equipment.
- 5.) Install 5000 psi BOP. Pick up 4-3/4" bit and 6 drill collars. Drill cement plugs.* Test casing to 1000 psi after drilling each plug.
- 6.) Trip in to PBTB (~6010' KB). Circulate hole clean with hot 2% KCl water.
- 7.) Trip out. Lay down bit and drill collars.
- 8.) Rig up Wireline truck. Run Cement Bond Log.
- 9.) Pick up Cast Iron Bridge Plug and trip in hole. Set CIBP at 5050' KB.
- 10.) Perforate PROPOSED perforations as follows:

3990' - 4004'	4 SPF	14 ft	Y2
4817' - 4820'	4 SPF	3 ft	GIL
- 11.) Rig up BJ Services. Pick up retrievable bridge plug and casing packer and trip in hole. Move BP and packer as needed to Breakdown and Frac proposed perforations.
- 12.) Move BP and packer as needed to Pump acid perforation wash on old perforations.
- 13.) Move BP and packer as needed to swab back each zone and test.
- 14.) Run in with injection string, perform Mechanical Integrity Test, and put well on injection.

* 2% KCl water will be used to drill out all cement plugs.

Elev.GR -
 Elev.KB - 5307'

**P & A
 WELLBORE DIAGRAM**

DATE : 7/3/96 vk

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE:
 WEIGHT: 24#
 LENGTH:
 DEPTH LANDED: 326'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 240 sxs

Cement
 Plug #1

326'

PRODUCTION CASING

CSG SIZE: 4-1/2"
 GRADE:
 WEIGHT: 11.6#
 LENGTH:
 DEPTH LANDED: 6104' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 400 sxs

CEMENT TOP AT:

375' KB perf circ
 holes (2 shots)

8.6
 ppg
 poz
 mud

ACID JOB / BREAKDOWN JOB

6020' - 6030' 1500 gal acid

FRAC JOB

5656' - 5671' & 5537' - 5548' 1488 bbls Diesel w/ 116,000# sand

5094' - 5109' 70 bbls Diesel, 810 bbls Diesel w/ 56,000# sand

4938' - 4942' 33,000 gal gel w/ 61,000# 20/40
 4568' - 4577' 40,000 gal gel w/ 141,000# 20/40

TUBING

SIZE/GRADE/AWT.: NONE
 NO. OF JOINTS:
 TUBING ANCHOR:
 NO. OF JOINTS:
 SEATING NIPPLE:
 PERFORATED SUB:
 MUD ANCHOR:
 STRING LENGTH:
 SN LANDED AT:

PROPOSED
 3990' - 4004'

4338'

Cement
 Plug #2

CIBP @ 4470'

PERFORATION RECORD

4540'		2 HOLES FOR SQUEEZE
4568' - 4573'	R2	6 HOLES
4672' - 4677'	R5	
4938' - 4942'	G3	3 SPF 13 HOLES
5094' - 5100' & 5103' - 5109'	G6	38 HOLES
5537' - 5548'	B3	3 SPF 80 HOLES
5656' - 5671'	B4	
6020' - 6030'	TW	31 HOLES

SUCKER RODS

POLISHED ROD: NONE
 SUCKER RODS:

STRING LENGTH:

PUMP NUMBER:
 PUMP SIZE:

STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT:
 PRIME MOVER:

LOGS: WELL HAS BEEN CORED
 DIL-GR, BHC Sonic-GR &
 Caliper & F-log overlay,
 CNL-FDC W/ GR

4568' - 4573'
 4672' - 4677'

PROPOSED
 4817' - 4820'

4938' - 4942'

5094' - 5100'
 5103' - 5109'

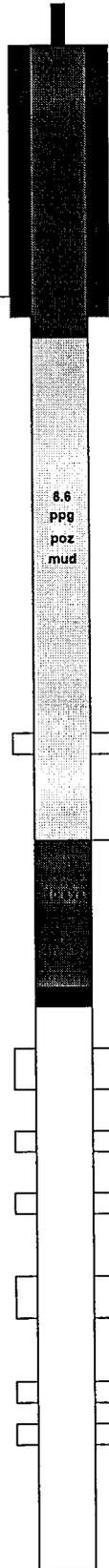
5537' - 5548'

5656' - 5671'

Douglas Creek Member - 4550 ft to 5400 ft
 Wasatch Formation Transition - 5400 ft to 5950 ft

PBTD @ 6010' KB
 TD @ 6065' KB

Wasatch Formation - 5950 ft



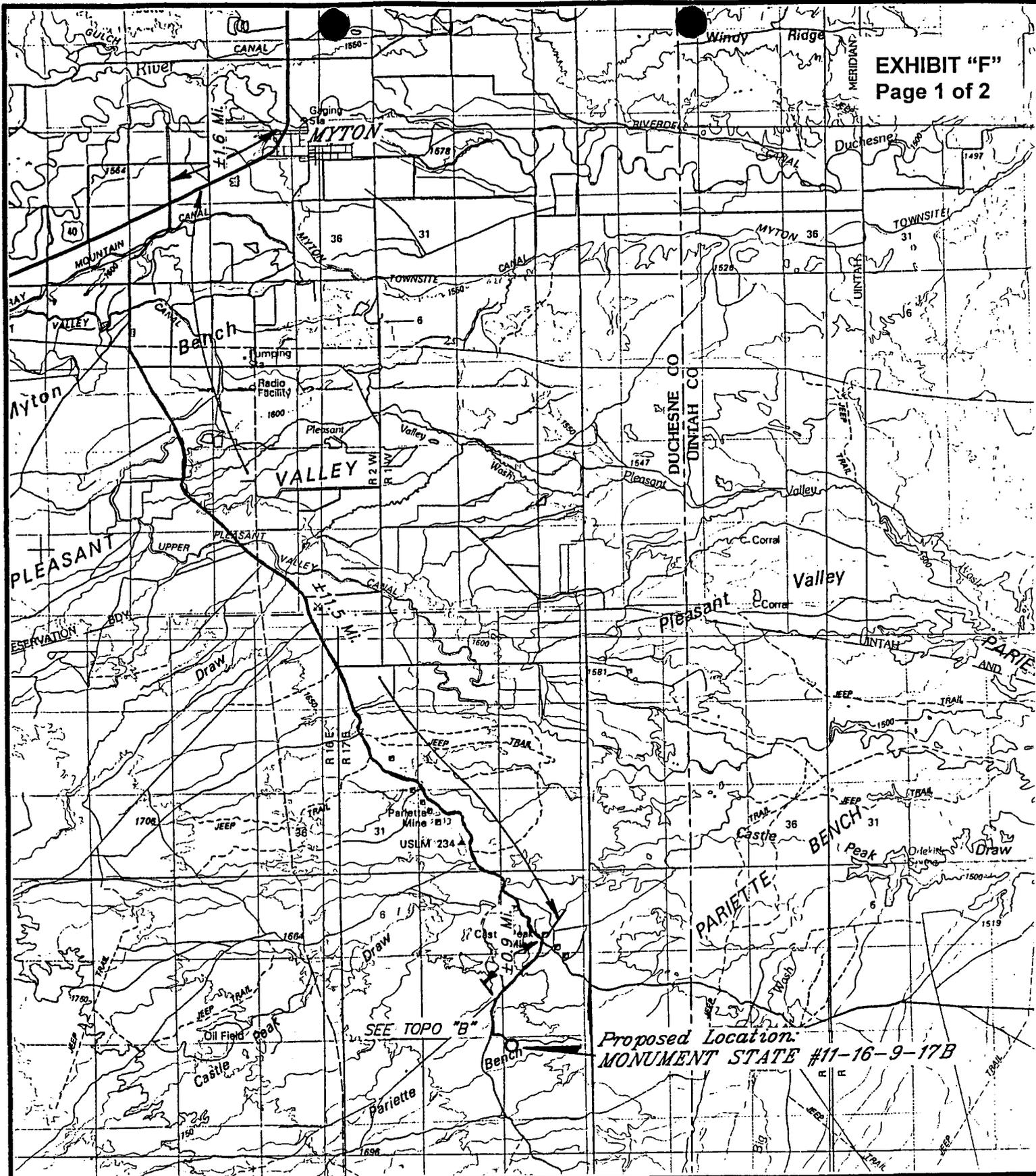
HAZMAT DECLARATION

- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing, and producing this well :

We anticipate that none of the hazardous chemicals in quantities of 10,000 pounds or more will be associated with these operations.

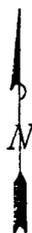
- B. Extremely hazardous substances threshold quantities (per Howard Cleavinger 11/30/93) of which will be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing, and producing this well :

We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.



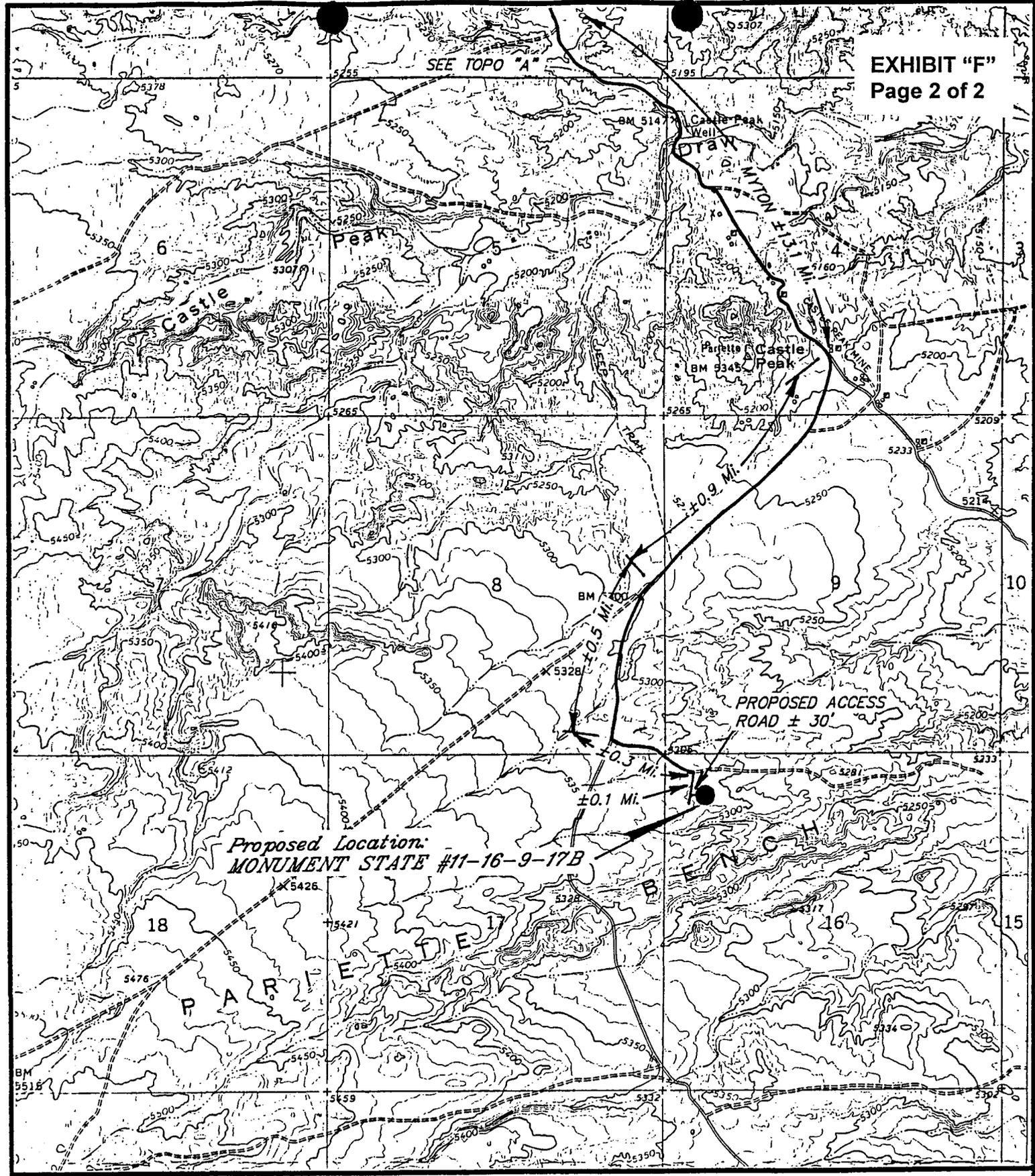
EQUITABLE RESOURCES CO.

MONUMENT STATE #11-16-9-17B
SECTION 16, T9S, R17E, S.L.B.&M.
TOPO "A"



Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

SEE TOPO "A"



Proposed Location:
MONUMENT STATE #11-16-9-17B

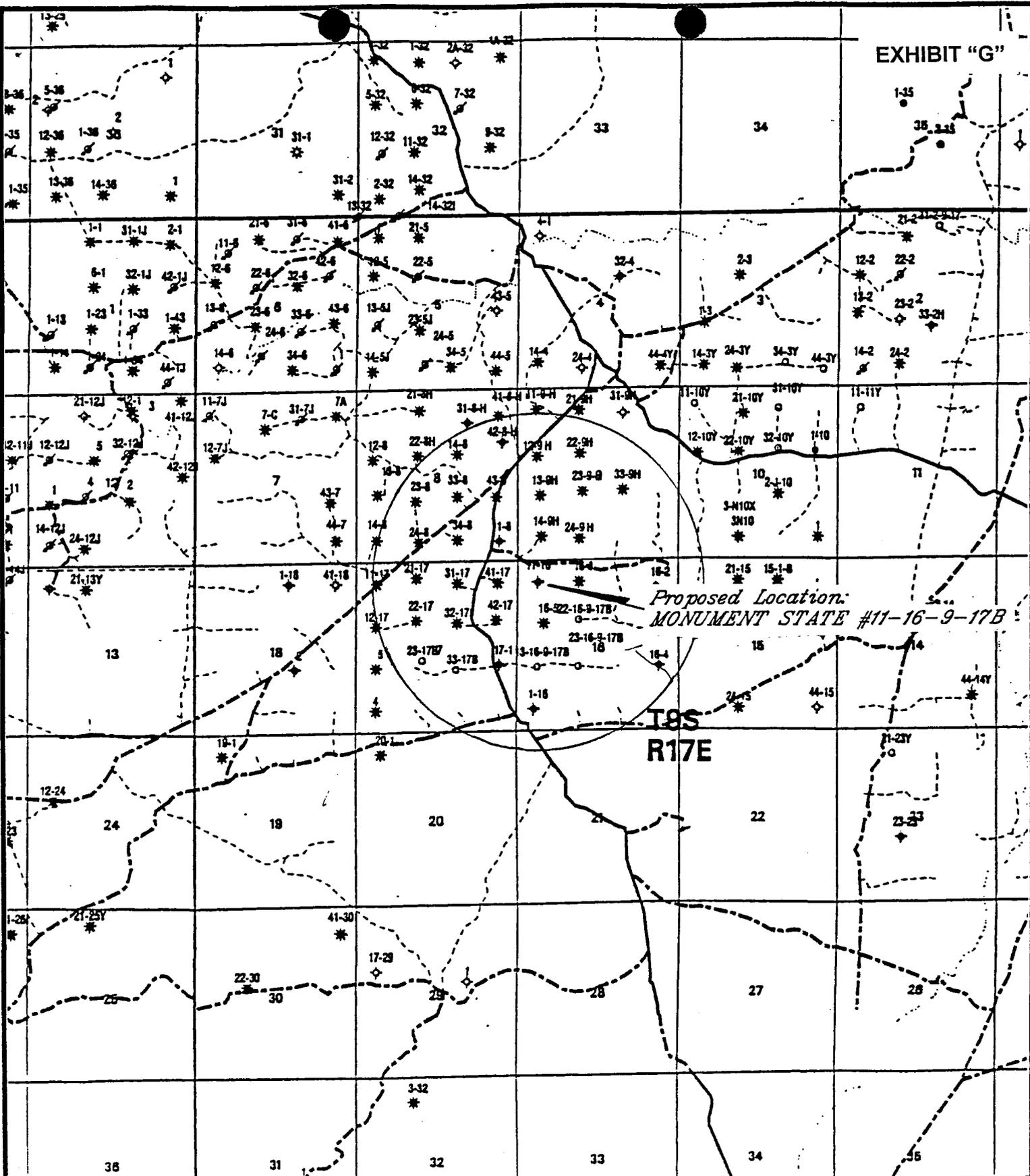
EQUITABLE RESOURCES CO.

MONUMENT STATE #11-16-9-17B
SECTION 16, T9S, R17E, S.L.B.&M.
TOPO "B"



SCALE: 1" = 2000'

Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

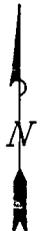


Proposed Location:
MONUMENT STATE #11-16-9-17B

**T9S
R17E**

EQUITABLE RESOURCES CO.

MONUMENT STATE #11-16-9-17B
SECTION 16, T9S, R17E, S.L.B.&M.
TOPO "C"

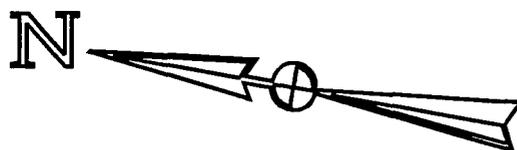
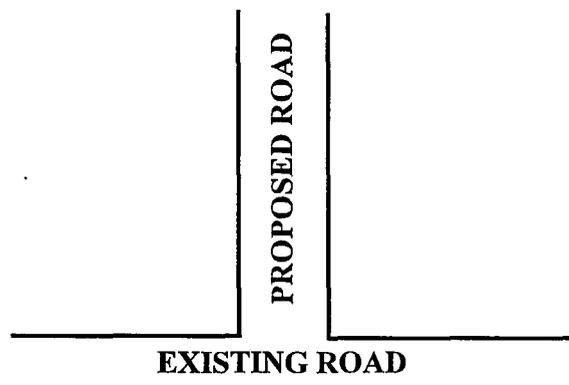


Tri St.
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

EQUITABLE RESOURCES ENERGY COMPANY
MONUMENT STATE #11-16-9-17B
INJECTION FACILITY DIAGRAM

MONUMENT STATE #11-16-9-17B
NW NW SEC. 16, T9S, R17E
DUCHESNE COUNTY, UTAH
BELUGA UNIT #UTU-75023
STATE LEASE #ML-21844

EXHIBIT "H"



PLAN LOCATED AT:

**EQUITABLE RESOURCES
ENERGY COMPANY**
WESTERN REGION

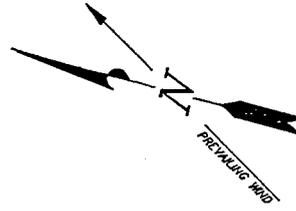
1601 Lewis Avenue
Billings, MT 59102
(406) 239-7860

JULY 11, 1998

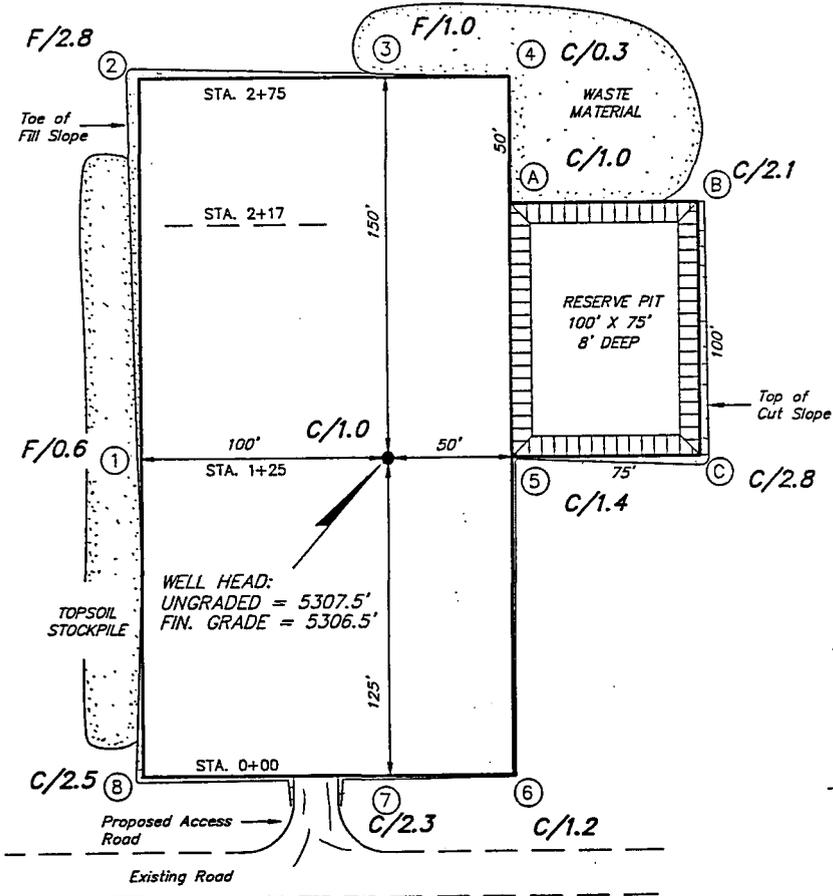
DIAGRAM NOT TO SCALE

EQUITABLE RESOURCES ENERGY CO.

MONUMENT STATE #11-16-9-17B
SECTION 16, T9S, R17E, S.L.B.&M.



SCALE: 1" = 50'

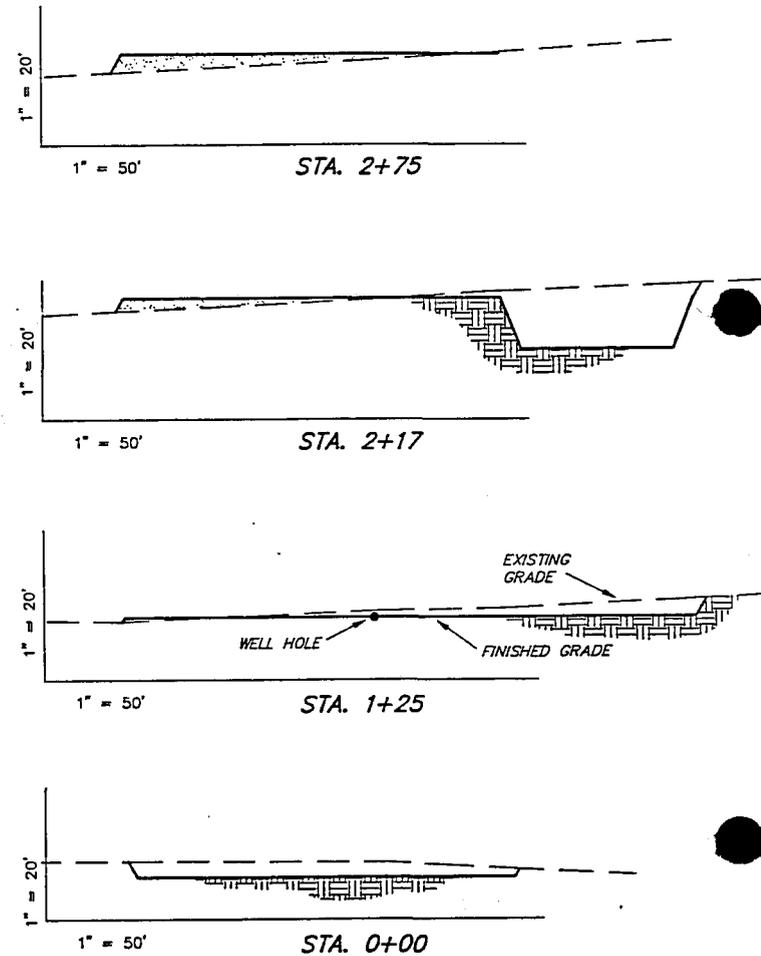


REFERENCE POINTS

- 150' NNORTHERLY = 5306.2'
- 200' NORTHERLY = 5307.7'
- 200' EASTERLY = 5304.2'
- 250' EASTERLY = 5302.5'

APPROXIMATE YARDAGES

- Cl = 910 Cu. Yds.
- FILL = 900 Cu. Yds.
- PIT = 1,940 Cu. Yds.
- 6" TOPSOIL = 900 Cu. Yds.



SURVEYED BY: S.S. D.S.
DRAWN BY: D.J.S.
DATE: 6-27-96
SCALE: 1" = 50'
FILE:

Tri State
 Land Surveying, Inc.
 (801) 781-2501
 38 WEST 100 NORTH VERNAL, UTAH 84078

DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS

Operator Name: EQUITABLE RESOURCES ENERGY COMPANY
Name & Number: MONUMENT STATE ##11-16-9-17B RE-ENTRY
API Number: 43-013-30616
Location: 1/4,1/4 NW/NW Sec. 16 T. 9S R. 17E

Geology/Ground Water:

This is a reentry of an existing well. Surface casing was set at 326 feet and cemented to surface. A 4 1/2 inch casing was set at 6104 feet and 400 sacks of cement were pumped. A cement bond log was not run or is not available. Operator was notified that a bond log must be run to find the cement top. Remedial cement work may be needed since this well will be converted to injection.

Reviewer: D. Jarvis

Date: 7-26-96

Surface:

THE PRE-SITE INSPECTION OF THE SURFACE HAS BEEN PERFORMED BY FIELD PERSONNEL. ALL APPLICABLE MANAGEMENT AGENCIES AND LAND OWNERS (STATE LANDS IN THIS CASE) WAS NOTIFIED AND THEIR CONCERNS ACCOMMODATED WHERE REASONABLE AND POSSIBLE.

Reviewer: DENNIS L INGRAM

Date: 7/25/96

Conditions of Approval/Application for Permit to Drill:

1. 12 MIL PIT LINER IN RESERVE PIT.
2. ARCH REPORT SUBMITTED IF NEW GROUND IS BROKEN DURING PROJECT.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 07/17/96

API NO. ASSIGNED: 43-013-30616

WELL NAME: MONUMENT STATE 11-16 RE-ENTRY
OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:

NWNW 16 - T09S - R17E
SURFACE: 0660-FNL-0659-FWL
BOTTOM: 0660-FNL-0659-FWL
DUCHESNE COUNTY
MONUMENT BUTTE FIELD (105)

INSPECT LOCATION BY: 07/30/96

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: STA
LEASE NUMBER: ML - 21844

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

Plat
 Bond: Federal [] State Fee []
(Number 5547188)
 Potash (Y/N)
 Oil shale (Y/N)
 Water permit
(Number JOE SHIELDS)
 RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

____ R649-2-3. Unit: _____
 R649-3-2. General.
____ R649-3-3. Exception.
____ Drilling Unit.
____ Board Cause no: _____
____ Date: _____

COMMENTS:

STIPULATIONS:

*12 mil pit liner in reserve pit
Arch report to be submitted if any new
ground is broken during construction.*

134.50

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 07/17/96

API NO. ASSIGNED: 43-013-30616

WELL NAME: MONUMENT STATE 11-16 RE-ENTRY
 OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:

NWNW 16 - T09S - R17E
 SURFACE: 0660-FNL-0659-FWL
 BOTTOM: 0660-FNL-0659-FWL
 DUCHESNE COUNTY
 MONUMENT BUTTE FIELD (105)

P G & E RESOURCES, CO. - WELL NO. N G C STATE 11-16
 API NO. 43-013-30616
 Sec. 16, T. 9S, R. 17E
 MICROFICHE
 DUCHESNE COUNTY, UTAH

Engineering		
Geology		
Surface		

LEASE TYPE: STA
 LEASE NUMBER: ML - 21844

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Federal [] State Fee []
 (Number 5547188)
- Potash (Y/N)
- Oil shale (Y/N)
- Water permit
 (Number JOE SHIELDS)
- RDCC Review (Y/N)
 (Date: _____)

LOCATION AND SITING:

- _____ R649-2-3. Unit: _____
- R649-3-2. General.
- _____ R649-3-3. Exception.
- _____ Drilling Unit.
 Board Cause no: _____
 Date: _____

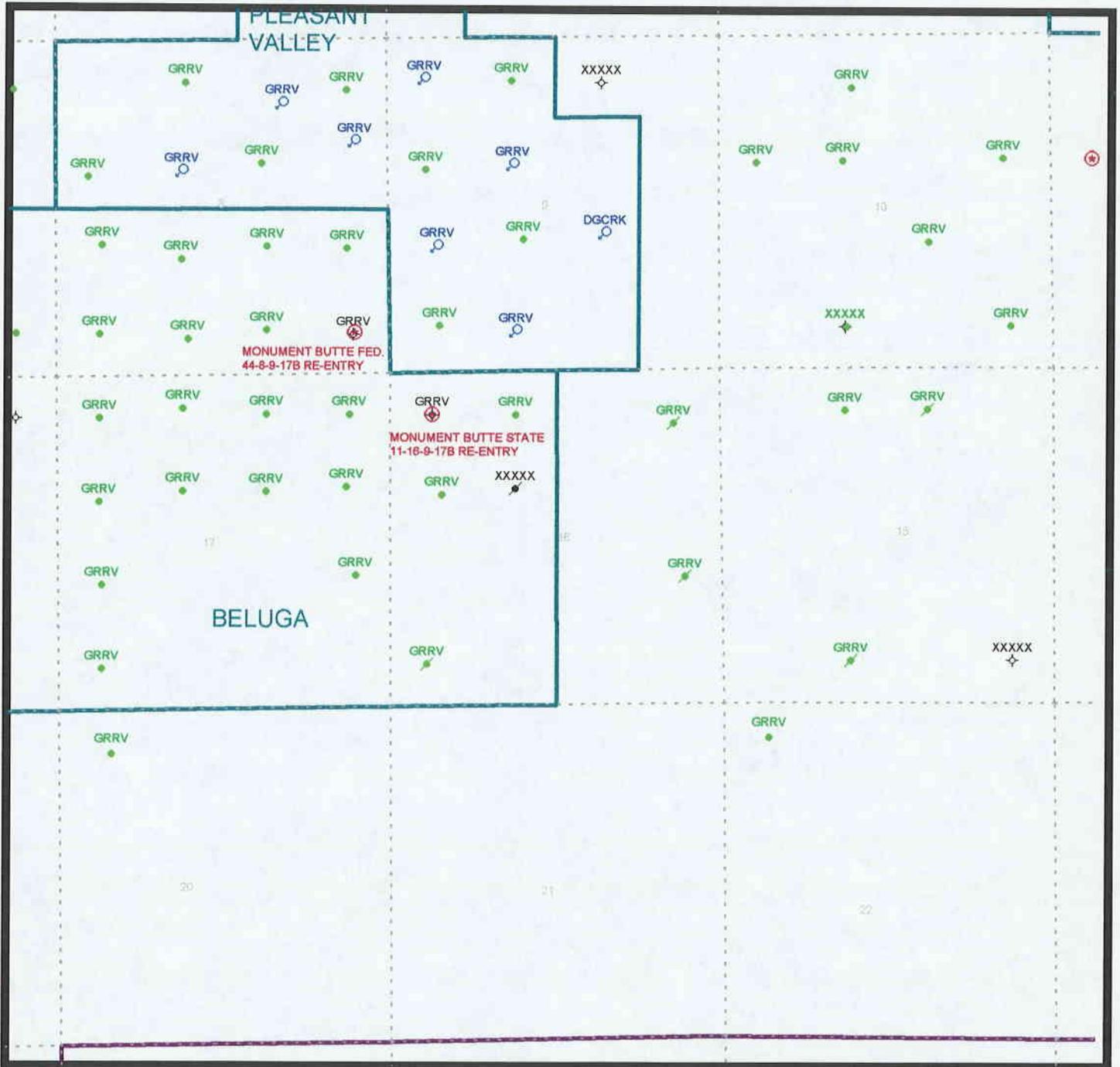
COMMENTS:

STIPULATIONS:

*12 mil pit liner in reserve pit
 Arch report to be submitted if any new
 ground is broken during construction.*

134.50

OPERATOR: EQUITABLE RESOURCES
FIELD: MONUMENT BUTTE
UNIT: BELUGA UNIT
SECTIONS: 8 & 16 T9S, R17E
COUNTY: DUCHESNE
SPACING: UAC R649-3-2



PREPARED:
DATE: 17-JULY-96



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

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

July 26, 1996

Equitable Resources Energy Co.
1601 Lewis Avenue
Billings, Montana 59102

Re: Monument State 11-16-9-17B (Re-Entry) Well, 660' FNL,
659' FWL, NW NW, Sec. 16, T. 9 S., R. 17 E., Duchesne
County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-30616.

Sincerely,

R. J. Eirth
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office



Operator: Equitable Resources Energy
Well Name & Number: Monument State 11-16-9-17B (Re-Entry)
API Number: 43-013-30616
Lease: ML-21844
Location: NW NW Sec. 16 T. 9 S. R. 17 E.

Conditions of Approval

1. General
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.
2. Notification Requirements
Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews at (801)538-5334 or Mike Hebertson at (801)538-5333.
3. Reporting Requirements
All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

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 to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

State #ML-21844

6. If Indian, Allottee or Tribe Name

n/a

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation

Beluga Unit

8. Well Name and No.

Monument State #11-16-9-17B

9. API Well No.

43-013-30616

10. Field and Pool, or Exploratory Area

Mon. Butte/Green River

11. County or Parish, State

Duchesne County, UTAH

1. Type of Well

Oil Well Gas Well Other

RE-ENTRY

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

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

NW NW Section 16, T9S, R17E
660' FNL, 659' FWL

CONFIDENTIAL

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

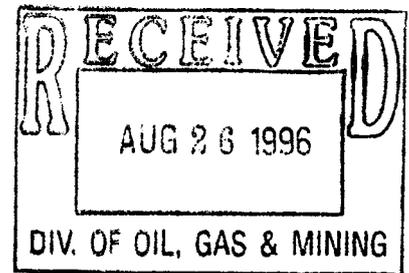
Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other beginning drilling
 Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

(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.)*

We are re-entering an existing well. Drilling operations commenced 8/21/96.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining



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

Signed Bobbie Schuman
Bobbie Schuman

Regulatory and
Environmental Specialist

Title

Date August 22, 1996

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title

Date

OPERATOR Equitable Resources Energy Company
 ADDRESS 1601 Lewis Avenue
Billings, MT 59102

OPERATOR ACCT. NO. N 9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	06130	43-013-30616	Monument State #11-16-9-17B	NW NW	16	9S	17E	Duchesne	8/21/96	8/21/96
WELL 1 COMMENTS: Entity added 8-26-96. (Same as before re-entry). Spud of new well. (Re-entry of plugged well). <i>See</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

RECEIVED
 AUG 26 1996
 DIV. OF OIL, GAS & MINING

Robbie Schuman
 Signature
 Regulatory and
 Environmental Specialist

DATE: August 23, 1996

- ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
 - B - Add new well to existing entity (group or unit well)
 - C - Re-assign well from one existing entity to another existing entity
 - D - Re-assign well from one existing entity to a new entity
 - E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

OPERATOR Equitable Resources Energy Company
 ADDRESS 1601 Lewis Avenue
Billings, MT 59102

OPERATOR ACCT. NO. N 9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	06130	43-013-30616	Monument State #11-16-9-17B	NW NW	16	9S	17E	Duchesne	8/21/96	8/21/96
WELL 1 COMMENTS: <i>11880 Entity added 8-26-96. (same as before re-entry). Spud of new well. (Re-entry of plugged well.)</i> <i>*961002 Beluga Unit est. 2-1-96. Fee Entity from 6130 to 11880.</i>											
WELL 2 COMMENTS: <i>1-File "Conf."</i>											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

RECEIVED
 AUG 26 1996
 DIV. OF OIL, GAS & MINING

Robbie Schuman
 Signature
 Regulatory and
 Environmental Specialist
 Phone No. (406) 259-7860

DATE: *August 22, 1996*

ACTION CODES (See instructions on back of form)
 A - Establish new entity for new well (single well only)
 B - Add new well to existing entity (group or unit well)
 C - Re-assign well from one existing entity to another existing entity
 D - Re-assign well from one existing entity to a new entity
 E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

43-113-30616

**EREC/Western Region
DAILY OPERATING REPORT**

MONUMENT STATE 11-16-9-17B (Re-Entry)

**Location: NW NW Section 16, T9S, R17E
Duchesne County, Utah**

---TIGHT HOLE---

10/02/96

Re-Entry

TIH w/injection string as follows:

	<u>LENGTH</u>	<u>DEPTH KB</u>
1 - Arrow Set-1 pkr	5.70'	3915.57'
1 - SN 2-3/8"	1.10'	3909.87'
124 - jts 2-3/8" EUE J-55 8rd 4.7#	3896.77'	3908.77'
KB	12.00'	

RU Halliburton to pump Angaurd plug from 3815' KB to 2424' KB (1391'). Pump 2 gals Champion Cortron 2383 pkr fluid mixed w/2 bbls wtr down csg. Pump 14 bbls Halliburton Angaurd down csg. Pump 28 gal Champion Cortron 2383 pkr fluid mixed w/24.5 bbls wtr down csg. Set pkr w/12" tension (1000#). Press csg to 500 psi, lost 30 psi in ¼ hr. Press csg to 935 psi, lost 20 psi in ¼ hr. Press csg to 500 psi & leave pressure on. SWI until 10/4/96.
DC: \$6,637

CC: \$115,111

EREC/Western Region
DAILY OPERATING REPORT

MONUMENT STATE 11-16-9-17B (Re-Entry)

Location: NW NW Section 16, T9S, R17E
Duchesne County, Utah

---TIGHT HOLE---

09/18/96

Re-Entry

RU Cutter Wire Line to run CBL. Run CBL from 4208' KB to 2400' KB w/1000 psi. TOC @ 2640' KB. TIH w/3-7/8" bit, six - 3-1/8" drill collars & tbg to 4210' KB. Start drilling on CIBP @ 4210' KB. Drill out plug & circulate down to 5240' KB. Circulate hole clean w/90 bbls 2% KCL wtr. TOOH w/tbg & lay drill collars & bit down. RU Cutters Wire Line & set CIBP @ 5060' KB. Press test BP to 1000 psi, OK. Perf 3990' - 4004' & 4817' - 4820', 4 SPF. RD Cutter Wire Line. TIH w/tbg from derrick. TOOH & LD tbg string. SWIFN.

DC: \$9,312

CC: \$82,991

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 reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

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

5. Lease Designation and Serial No.
State ML-45431

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation
Beluga Unit

8. Well Name and No.
Mon. State #71-16-9-17B

9. API Well No.
43-013-30616

10. Field and Pool, or Exploratory Area
Monument Butte/Green River

11. County or Parish, State
Duchesne Co. Utah

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other **WIW**

2. Name of Operator
Equitable Resources Energy Company

3. Address and Telephone No.
1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**NW NW 16-T9S-R16E
660' FNL, 659' FWL**

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

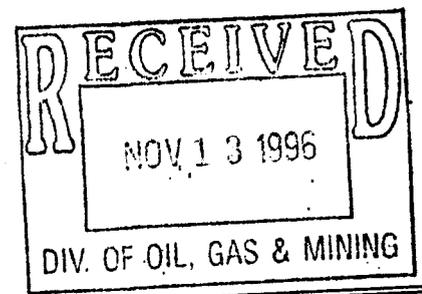
TYPE OF ACTION

- Abandonment
 - Recompletion
 - Plugging Back
 - Casing Repair
 - Altering Casing
 - Other **request for approval to inject**
 - 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.)*

This well has been converted to a water injection well in accordance with the attached wellbore diagram and EPA Well Rework form. Water injection will commence when final approval has been received from the EPA, BLM, and Utah DOGM. This sundry notice is to request that approval to inject.

ORIGINAL: Bureau of Land Management (Vernal, UT) (Attention: Wayne Bankert)
COPY: Utah Division of Oil, Gas and Mining (Attention: Dan Jarvis)
COPY: U.S. EPA (Attention: Chuck Williams)



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

Signed **Bobbie Schuman**
Bobbie Schuman
(This space for Federal or State office use)

Title **Regulatory and Environmental Specialist**

Date **November 12, 1996**

Approved by _____
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.

WO tax. credit denied - 9/97. *See instruction on Reverse Side

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460



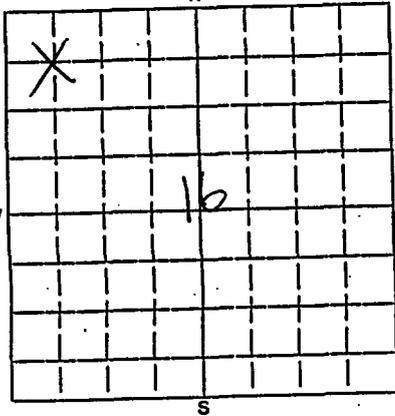
WELL REWORK RECORD

NAME AND ADDRESS OF PERMITTEE
Equitable Resources Energy Company
Western Region
1601 Lewis Avenue
Billings, MT 59102

NAME AND ADDRESS OF CONTRACTOR
Pennant Well Service
600 17th Street 1615N
Denver, Colorado 80202

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT — 640 ACRES

STATE: Utah COUNTY: Duchesne County PERMIT NUMBER: ML-45431
SURFACE LOCATION DESCRIPTION: NW 1/4 OF NW 1/4 OF 1/4 SECTION 16 TOWNSHIP 9S RANGE 16E



LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT
Surface Location 660 ft. from (N/S) N Line of quarter section and 659 ft. from (E/W) W Line of quarter section

UT 2798-04309

WELL ACTIVITY: Brine Disposal, Enhanced Recovery, Hydrocarbon Storage
Lease Name: Beluga Unit
Total Depth Before Rework: P+A'd
Total Depth After Rework: 6065' KB
Date Rework Commenced: 8/21/96
Date Rework Completed: 10/24/96
TYPE OF PERMIT: Individual, Area, Number of Wells: _____
Well Number: Monument state #11-16-9-17B

WELL CASING RECORD — BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
See Attached						

WELL CASING RECORD — AFTER REWORK (Indicate Additions and Changes Only)

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
See Attached						

DESCRIBE REWORK OPERATIONS IN DETAIL
USE ADDITIONAL SHEETS IF NECESSARY

WIRE LINE LOGS, LIST EACH TYPE

Log Types	Logged Intervals
DIL/GR, BHC Sonic-	TD to Surface
GR/Caliper/Flog	
overlaid CNL-PDC	

Re-enter well & re-perforate zones. Break down & frac zones as stated on attached sheets. Set Arrow-Set packer @ 3930' KB. Spot anquard plus GR. from 2414' KB to 3815' KB. Load casing annulus w/ 30 gal Champion Cortron 2385 mixed w/ 25 bbls 2% KCl water.

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).

NAME AND OFFICIAL TITLE (Please type or print)
John Zellitti
Senior Prod. Engr.

SIGNATURE
John Zellitti

DATE SIGNED
11-11-96



EQUITABLE RESOURCES ENERGY COMPANY

WELL NAME: Monument State #11-16-9-17B (formally State NGC #

DATE: 10/29/96 DZ

FIELD: Monument Butte Field (Beluga Unit)

FEDERAL LEASE NO.: ML-45431

API NO.: 43-013-30616

LOCATION: NW NW Sec.16 T9S R17E

FOOTAGE: 660' FNL, 659' FWL

COUNTY/STATE: Duchesne / Utah

WORKING INTEREST:

NET REVENUE INTEREST:

PRODUCING FORMATION: Green River

COMPLETION DATE: 3/8/82

INITIAL PRODUCTION: 550 BO

OIL/GAS PURCHASER: NA

PRESENT PROD STATUS: Injection Well

ELEVATIONS - GROUND: 5310' GL

TOTAL DEPTH: 6065'

SPUD DATE: 11/24/81

OIL GRAVITY: 35.7

BHT:

KB: 5322' KB (12' KB)

PLUG BACK TD: 6010' KB

SURFACE CASING

STRING: 1
CSG SIZE: 8-5/8"
GRADE:
WEIGHT: 24#
LENGTH:
DEPTH LANDED: 326'
HOLE SIZE: 12-1/4"
CEMENT DATA: 240 sxs

PRODUCTION CASING

STRING: 1
CSG SIZE: 4-1/2"
GRADE:
WEIGHT: 11.6#
LENGTH:
DEPTH LANDED: 6104' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 400 sxs

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 124 Jts (3896.77')
SEATING NIPPLE: 2-7/8"x1.10'
ARROW SET 1 PACKER: 2-3/8"x4-1/2"x5.70'
PACKER LANDED AT: 3910' KB
PKR Set W/ 12"(1000#) Tension

WELL HAS BEEN CORED

LOGS: DIL-GR, BHC Sonic-GR &
Caliper & F-log overlay,
CNL-FDC W/ GR

Post Rework

CEMENT TOP AT: 2640' KB

PERFORATION RECORD

6020' - 6030' (?)	31 HOLES
5656' - 5671' & 5537' - 5548'	3 SPF 80 HOLES
5094' - 5100' & 5103' - 5109'	38 HOLES
4540'	2 HOLES FOR SQUEEZE
4568' - 4573' & 4672' - 4677'	6 HOLES
4938' - 4942'	3 SPF 13 HOLES
9/9/96 Cutter (Squeeze Holes)	4100' 4 Holes
	3700' 4 Holes
9/10/96 Cutter (Squeeze Holes)	3800' 4 Holes
9/11/96 Cutter (Squeeze Holes)	3920' 4 Holes
9/18/96 Cutter	3990'-4004' 4 SPF
	4817'-4820' 4 SPF



WELL NAME: **Monument State #11-16-9-17B** (formally State NGC #11-16)
FIELD: Monument Butte Field (Beluga Unit)
FEDERAL LEASE NO.: ML-45431
LOCATION: NW NW Sec.16 T9S R17E
FOOTAGE: 660' FNL, 659' FWL
COUNTY/STATE: Duchesne / Utah

ACID JOB / BREAKDOWN JOB

6020' - 6030'	1500 gal acid
9/19/96 3990'-4004'	BJ Services: 1890 gal 2% KCL water w/ 112 ball sealers. Balled off. ATP= 2100 psi, ATR= 3.1 bpm, ISIP= 1300 psi.
9/19/96 4817'-4820'	BJ Services: 1302 gal 2% KCL water w/ 24 ball sealers. ATP= 2800 psi, ATR= 3.1 bpm, ISIP= 1500 psi.
9/24/96 4938'-4942'	BJ Services: 200 gal 15% HCL. ATP= 615 psi, ATR= 1.9 bpm, ISIP= 1050 psi.
9/24/96 4817'-4820'	BJ Services: 200 gal 15% HCL. ATP= 1740 psi, ATR= 1.9 bpm, ISIP= 1600 psi.
9/24/96 4672'-4677'	BJ Services: 300 gal 15% HCL. ATP= 1800 psi, ATR= 1.9 bpm, ISIP= 1000 psi.
9/24/96 4568'-4573'	BJ Services: 300 gal 15% HCL. ATP= 1100 psi, ATR= 1.7 bpm, ISIP= 300 psi.

Post Rework

FRAC JOB

5656' - 5671' & 5537' - 5548'	1488 bbls Diesel w/ 116,000# sand
5094' - 5109'	70 bbls Diesel, 810 bbls Diesel w/ 56,000# sand
4938' - 4942' 4568' - 4577'	33,000 gal gel w/ 61,000# 20/40 40,000 gal gel w/ 141,000# 20/40
9/19/96 3990'-4004'	BJ Services: 4368 gal 2% KCL water w/ 6700# 16/30 sand. ATP= 4250 psi, ATR=9.5 bpm, ISIP= 2250 psi, 5 min= 1420 psi, 10 min= 1200 psi, 15 min= 1840 psi.
9/19/96 4817'-4820'	BJ Services: Unable to frac this zone due to high pressure.

Post Rework



Monument Station - 16-9-17B
 (formally State NGC 16)
 NW NW Sec.16 T9S R17E
 660' FNL, 659' FWL
 LEASE #ML - 45431
 Monument Butte Field (Beluga Unit)
 Duchesne / Utah

Elev.GR - 5310'
 Elev.KB - 5322' KB (12' KB)

P & A
 WELLBORE DIAGRAM

DATE : 7/3/96 vk

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE:
 WEIGHT: 24#
 LENGTH:
 DEPTH LANDED: 326'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 240 sxs

Cement Plug #1

326'

P & A PROCEDURE

5/19/90 POH w/ tbg. Set CIBP @ 4470' and perf circulation holes @ 375'. Spot 10 sxs cement on CIBP, displace hole w/ 8.6 ppg poz. mix. Circ cement thru holes @ 375', and fill 4-1/2" & 8-5/8" csg annulus from 375' to surf. Cut off casing & install dryhole marker.

PRODUCTION CASING

CSG SIZE: 4-1/2"
 GRADE:
 WEIGHT: 11.6#
 LENGTH:
 DEPTH LANDED: 6104' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 400 sxs

375' KB perf circ holes (2 shots)

8.6 ppg poz rtud

ACID JOB / BREAKDOWN JOB

6020' - 6030' 1500 gal acid

FRAC JOB

5656' - 5671' & 5537' - 5548' 1488 bbls Diesel w/ 116,000# sand

5094' - 5109' 70 bbls Diesel, 810 bbls Diesel w/ 56,000# sand

4938' - 4942' 33,000 gal gel w/ 61,000# 20/40
 4568' - 4577' 40,000 gal gel w/ 141,000# 20/40

TUBING

SIZE/GRADE/WT.: NONE
 NO. OF JOINTS:
 TUBING ANCHOR:
 NO. OF JOINTS:
 SEATING NIPPLE:
 PERFORATED SUB:
 MUD ANCHOR:
 STRING LENGTH:
 SN LANDED AT:

PROPOSED 3990' - 4004'

4338'

Cement Plug #2

CIBP @ 4470'

PERFORATION RECORD

4540'		2 HOLES FOR SQUEEZE
4568' - 4573'	R2	6 HOLES
4672' - 4677'	R5	
4938' - 4942'	G3	3 SPF 13 HOLES
5094' - 5100' & 5103' - 5109'	G6	38 HOLES
5537' - 5548'	B3	3 SPF 80 HOLES
5656' - 5671'	B4	
6020' - 6030'	TW	31 HOLES

SUCKER RODS

POLISHED ROD: NONE
 SUCKER RODS:

STRING LENGTH:

PUMP NUMBER:
 PUMP SIZE:

STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT:
 PRIME MOVER:

4568' - 4573'
 4672' - 4677'

PROPOSED 4817' - 4820'

4938' - 4942'

5094' - 5100'
 5103' - 5109'

5537' - 5548'
 5656' - 5671'

LOGS: WELL HAS BEEN CORED
 DIL-GR, BHC Sonic-GR &
 Caliper & F-log overlay,
 CNL-FDC W/ GR

Douglas Creek Member - 4550 ft to 5400 ft
 Wasatch Formation Transition - 5400 ft to 5950 ft

PBTD @ 6010' KB
 TD @ 6065' KB

Wasatch Formation - 5950 ft

Before Rework



Monument State #11-16-9-17B
 (formerly S... #11-16)
 NW NW Sec.16 T9S R17E
 660' FNL, 659' FWL
 LEASE #ML - 45431
 Monument Butte Field (Beluga Unit)
 Duchesne / Utah

Elev.GR - 5310'
 Elev.KB - 5322' KB (12' KB)

**INJECTION
 WELLBORE DIAGRAM**

DATE: 10/29/96 DZ

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE:
 WEIGHT: 24#
 LENGTH:
 DEPTH LANDED: 326'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 240 sxs

326'

PRODUCTION CASING

CSG SIZE: 4-1/2"
 GRADE:
 WEIGHT: 11.6#
 LENGTH:
 DEPTH LANDED: 6104' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 400 sxs

375' perf circ holes

CEMENT TOP AT:

Uinta Formation - Surface to 1450 ft

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 124 Jts (3896.77')
 SEATING NIPPLE: 2-7/8"x1.10'
 ARROW SET 1 PACKER: 2-3/8"x4-1/2"x5.70'
 PACKER LANDED AT: 3910' KB
 PKR Set W/ 12"(1000#) Tension

Green River Formation - 1450 ft to 5400 ft

PACKER FLUID: 2 gal Champion R-2383 PKR fluid
 mixed with 2 bbls 2% KCL
 water. 10/2/96

ARROW SET 1 PACKER
 SET @ 3930' KB

Casing leak @ 3773'.
 Spotted Halliburton Anguard @
 2424'-3815'.

PROPOSED
 3990' - 4004'

PERFORATION RECORD

6020' - 6030' (?)	31 HOLES
5656' - 5671' & 5537' - 5548'	3 SPF 80 HOLES
5094' - 5100' & 5103' - 5109'	38 HOLES

PACKER FLUID: 28 gal Champion R-2383 PKR fluid
 mixed with 24.5 bbls 2% KCL
 water. 10/2/96

Squeezed hole @ 4306' KB

4568' - 4573'
 4672' - 4677'

4540'	2 HOLES FOR SQUEEZE
4568' - 4573' & 4672' - 4677'	6 HOLES
4938' - 4942'	3 SPF 13 HOLES

MIT RECORD:

4817' - 4820'

9/9/96	Cutter (Squeeze Holes)	4100'	4 H
		3700'	4 H

4938' - 4942'

9/10/96	Cutter (Squeeze Holes)	3800'	4 H
---------	------------------------	-------	-----

CIBP @ 5060' KB

9/11/96	Cutter (Squeeze Holes)	3920'	4 H
---------	------------------------	-------	-----

5094' - 5100
 5103' - 5109

9/18/96	Cutter	3990'-4004'	4 S
		4817'-4820'	4 S

5537' - 5548'

5656' - 5671'

Douglas Creek Member - 4550 ft to 5400 ft
 Wasatch Formation Transition - 5400 ft to 5950 ft

PBTD @ 6010' KB
 TD @ 6065' KB

Wasatch Formation - 5950 ft

Post Rework

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

6. LEASE DESIGNATION AND SERIAL NO.

State #ML-21844

8. IF INDIAN, ALLOTTEE OR TRIBE NAME

n/a

7. UNIT AGREEMENT NAME

Beluga Unit

9. FARM OR LEASE NAME

Monument State

8. WELL NO.

#11-16-9-17B

10. FIELD AND POOL, OR WILDCAT

Monument Butte/Green River

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

NW NW SECTION 16, T9S, R17E

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

CONFIDENTIAL

b. TYPE OF COMPLETION: NEW WELL WORK OVER DRILL IN PLUG BACK DIFF. DRILL. Other

2. NAME OF OPERATOR
EQUITABLE RESOURCES ENERGY COMPANY

3. ADDRESS OF OPERATOR
1601 LEWIS AVENUE BILLINGS, MT 59102 (406)259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 660' FNL & 659' FWL
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-013-30616 DATE ISSUED 7-26-96

12. COUNTY OR PARISH Duchesne 13. STATE Utah

15. DATE SPUNDED 8-21-96 16. DATE T.D. REACHED n/a 17. DATE COMPL. (Ready to prod.) n/a 18. ELEVATIONS (DF, AKB, RT, OR, ETC.)* 5307.5' GL 19. SLEV. CASINGHEAD n/a

20. TOTAL DEPTH, MD & TVD 6065' 21. PLUG. BACK T.D., MD & TVD 5050' 22. IF MULTIPLE COMPL., HOW MANY? n/a 23. INTERVALS DRILLED BY n/a

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* n/a 25. WAS DIRECTIONAL SURVEY MADE n/a

26. TYPE ELECTRIC AND OTHER LOGS RUN n/a 27. WAS WELL CORED n/a

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT FULLED
(SEE ORIGINAL COMPLETION REPORT)					

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-3/8"	3920.77' KB	n/a

31. PREPARATION RECORD (Interval, size and number)
3990'-4004' (4SPF)
4817'-4820' (4SPF)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(PLEASE SEE ATTACHMENT)	

33. PRODUCTION
DATE FIRST PRODUCTION n/a PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) n/a WELL STATUS (Producing or shut-in) SIWO Injection.

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
n/a	n/a	n/a		n/a	n/a	n/a	n/a
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
n/a	n/a		n/a	n/a	n/a	n/a	

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

35. LIST OF ATTACHMENTS
Section 32.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Bobbie Schuman TITLE Regulatory Specialist DATE 2-24-97

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

STATE OF UTAH
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
*****	*****	*****	***	***	**	*****	*****
EQUITABLE RE	43-013-31410	12-12J	09S	16E	12	INJW	N
EQUITABLE RE	43-013-31408	41-14J	09S	16E	14	INJW	N
EQUITABLE RE	43-013-31421	21-14J	09S	16E	14	INJW	N
EQUITABLE RE	43-013-31373	23-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31368	32-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31367	41-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31370	FEDERAL 13-5	09S	17E	5	INJW	Y
EQUITABLE RE	43-013-31375	24-5	09S	17E	5	INJW	Y
EQUITABLE RE	43-013-31384	22-5	09S	17E	5	INJW	Y
EQUITABLE RE	43-013-31195	ALLEN FEDERA	09S	17E	6	INJW	N
EQUITABLE RE	43-013-31492	11-7J	09S	17E	7	INJW	Y
EQUITABLE RE	43-013-31405	31-7J	09S	17E	7	INJW	Y
EQUITABLE RE	43-047-20252	E. RED WASH	08S	25E	5	INJW	N
EQUITABLE RE	43-047-20261	ERW 4-6	08S	25E	6	INJW	Y
EQUITABLE RE	43-047-32346	42-6X	08S	25E	6	INJW	N
EQUITABLE RE	43-047-20245	AMERADA GUIN	08S	25E	7	INJW	Y
EQUITABLE RE	43-013-30666	44-7	09S	17E	7	INJW	Y 11880
EQUITABLE RE	43-013-31382	13-8	09S	17E	8	INJW	Y 11880
EQUITABLE RE	43-013-31427	33-8	09S	17E	8	INJW	Y 11880
EQUITABLE RE	43-013-30675	24-8	09S	17E	8	INJW	Y 11880
EQUITABLE RE	43-013-30643	44-8-17B	09S	17E	8	INJW	Y 1523
EQUITABLE RE	43-013-31580	13-16-9-17B	09S	17E	16	INJW	Y 11880
EQUITABLE RE	43-013-30616	11-16-9-17B	09S	17E	16	INJW	Y 6130
EQUITABLE RE	43-013-31145	22-16-9-17B	09S	17E	16	INJW	Y 11880
EQUITABLE RE	43-013-30518	11-17	09S	17E	17	INJW	Y
EQUITABLE RE	43-013-30499	POMCO 5	09S	17E	17	INJW	Y 11880
EQUITABLE RE	43-013-30516	11-17	09S	17E	17	INJW	Y 11880
EQUITABLE RE	43-013-31428	31-17	09S	17E	17	INJW	Y 11880
EQUITABLE RE	43-013-31581	33-17-9-17B	09S	17E	17	INJW	Y 11880
EQUITABLE RE	43-013-31429	22-17	09S	17E	17	INJW	Y 11880
EQUITABLE RE	43-013-31467	42-17	09S	17E	17	INJW	Y 11880
EQUITABLE RE	43-047-32610	22-2	09S	17E	2	INJW	Y
EQUITABLE RE	43-013-31425	14-2	09S	17E	2	INJW	Y
GIANT EXPLOR	43-037-15042	GOTHIC MESA	41S	23E	16	INJD	Y
GIANT EXPLOR	43-037-20292	SENTINEL PEA	41S	26E	27	INJD	Y
GIANT EXPLOR	43-037-16452	9-24	41S	23E	9	INJI	Y
HAY HOT OIL	43-037-30521	MCCRACKEN PT	40S	23E	19	INJI	N
INLAND PRODU	43-013-30843	MONUMENT BUT	08S	16E	34	INJW	Y
INLAND PRODU	43-013-31559	15-25	08S	16E	25	INJW	N
INLAND PRODU	43-013-30693	FEDERAL 3-33	08S	16E	33	INJW	N
INLAND PRODU	43-013-30808	FED 1-34	08S	16E	34	INJW	N
INLAND PRODU	43-013-30686	FEDERAL 5-35	08S	16E	35	INJW	N
INLAND PRODU	43-013-30606	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-30745	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-31514	1A-35	08S	16E	35	INJW	Y
INLAND PRODU	43-013-30605	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-31264	MONUMENT FED	08S	16E	35	INJW	N
INLAND PRODU	43-013-30608	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-30624	STATE 5-36	08S	16E	36	INJW	N
INLAND PRODU	43-013-30592	STATE 1-36	08S	16E	36	INJW	N
INLAND PRODU	43-013-30787	12-32	08S	17E	32	INJW	Y
INLAND PRODU	43-013-30779	FED 15-28	08S	16E	28	INJW	N
INLAND PRODU	43-013-31372	14A-28	08S	16E	28	INJW	N



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October 7, 1997

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078



RE: Change of Operator
Duchesne & Vernal Counties, Utah

Dear Mr. Forsman:

Please find attached Sundry Notices and Reports on Wells for Change of Operator, previously operated by Equitable Resources Energy Company for approval.

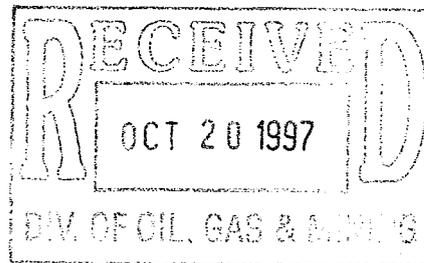
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY


Patsy Barreau

/pb
encls.



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allocated or Tribe Name:

n/a

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:

Inland Production Company

3. Address and Telephone Number:

475 - 17th Street, Suite 1500, Denver, CO 80202

4. Location of Well

Footages: See Attached Exhibit

County:

OO, Sec., T., R., M.:

State:

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

NOTICE OF INTENT
(Submit in Duplicate)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other Change of Operator
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandon *
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other Change of Operator
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

Date of work completion 9-30-97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

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

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was :

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under State of Utah Statewide Bond No. 4471291.

OCT 10 1997

13.

Name & Signature:

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date: 9/30/97

This space for State use only)

INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
BALCRON FEDERAL #22-20Y	SE NW 209S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32711-00	UTU64917	
BALCRON FEDERAL #41-19Y	NENE 199S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32504-00	UTU65635	
MONUMENT FEDERAL #43-19Y	NE SE 199S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32730-00	UTU65635	
MONUMENT FEDERAL #14-21Y	SW SW 219S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32726-00	UTU68105	
A. ANDERSON STATE #1-16	SW SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-15582-00		UTU75023X
D. DUNCAN STATE #16-5	SWNW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30570-00		UTU75023X
DMD FEDERAL #17-1	NE SE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30689-00		UTU75023X
FEDERAL #1-18	NWNE 189S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30332-00		UTU75023X
MAXUS FEDERAL #23-8	NESW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31196-00		UTU75023X
MONUMENT BUTTE FED. #12-17	SWNW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31431-00		UTU75023X
MONUMENT BUTTE FED. #14-8	SWSW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31398-00		UTU75023X
MONUMENT BUTTE FED. #21-17	NENW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31387-00		UTU75023X
MONUMENT BUTTE FED. #32-17	SWNE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31465-00		UTU75023X
MONUMENT BUTTE FED. #41-17	NENE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31466-00		UTU75023X
MONUMENT BUTTE FED. #43-7	NESE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31432-00		UTU75023X
MONUMENT FEDERAL #23-17B	NE SW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31582-00	UTU74108	UTU75023X
MONUMENT STATE #23-16B	NE SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31578-00		UTU75023X
PAIUTE FEDERAL #34-8	SWSE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30778-00		UTU75023X
PAIUTE FEDERAL #43-8	NESE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30777-00		UTU75023X
POMCO #2	NWSE 189S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30505-00		UTU75023X
POMCO #4	NWSW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30506-00		UTU75023X
SUE MORRIS #16-3	NENW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30562-00		UTU75023X
MOCON FEDERAL #44-7	SE SE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30666-00		UTU75023X
MONUMENT FEDERAL #13-8	NW SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31382-00		UTU75023X
MONUMENT FEDERAL #33-8	NW SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31427-00		UTU75023X
MONUMENT FEDERAL #22-17	SE NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31429-00		UTU75023X
MONUMENT STATE #13-16B	NW SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31580-00		UTU75023X
MONUMENT STATE #11-16B	NW NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30616-00	ML21844 Beluga	UTU75023X
MONUMENT STATE #22-16B	SE NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31579-00	31145	UTU75023X
MONUMENT FEDERAL #31-17	NW NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31428-00		UTU75023X
MONUMENT FEDERAL #33-17B	NW SE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31581-00		UTU75023X
MONUMENT FEDERAL #42-17	SE NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31467-00	UTU74108	UTU75023X
MONUMENT FEDERAL #44-8-9-17B	SE SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30643-00	UTU74398	UTU75023X
PAIUTE FEDERAL #24-8	SE SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30675-00	UTU74108	UTU75023X
PAIUTE FEDERAL #11-17	NW NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30516-00		UTU75023X
POMCO #5	SW SW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30499-00		UTU75023X
BALCRON FEDERAL #12-10Y	SW NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31536-00	UTU65210	
BALCRON FEDERAL #21-10Y	NE NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31537-00	UTU65210	
BALCRON FEDERAL #22-10Y	SE NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31395-00	UTU65210	

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TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

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Well name and number: See Attached **BELUGA (GREEN RIVER) UNIT**
Field or Unit name: See Attached API no. See Attached
Well location: QQ See Attached section See Attached township See Attached range See Attached county See Attached
Effective Date of Transfer: September 30, 1997

CURRENT OPERATOR
Transfer approved by:
Name David M. McCoskery Company Equitable Resources Energy Co.
Signature [Signature] Address 1601 Lewis Avenue
Title Director of Operations & Engineering Billings, MT 59102
Date 9-30-97 Phone (406) 259-7860'
Comments:

NEW OPERATOR
Transfer approved by:
Name Chris A Potter Company Inland Production Company
Signature [Signature] Address 475 - 17th Street, Suite 1500
Title CHRIS A. POTTER, ATTORNEY-IN-FACT Denver, CO 80202
Date 9-30-97 Phone (303) 292-0900
Comments:

(State use only)
Transfer approved by [Signature] Title Manager
Approval Date 3-19-98

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OCT 20 1997
DIV. OF OIL, GAS & MINING

Injection wells

MONUMENT BUTTE STATE #14-2	SW SW 2 9S 17E	DUCHESNE	UT	UNDESIGNATED (CD)	43-013-31425-00	UTU45555	
MONUMENT BUTTE STATE #22-2	SE NW 2 9S 17E	UINTAH	UT	UNDESIGNATED (CD)	43-047-32610-00	UTU45555	
MOCON FEDERAL #44-7	SE SE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30666-00		UTU75023X
MONUMENT FEDERAL #13-8	NW SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31382-00		UTU75023X
MONUMENT FEDERAL #33-8	NW SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31427-00		UTU75023X
MONUMENT FEDERAL #22-17	SE NW 17 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31429-00		UTU75023X
MONUMENT STATE #13-16B	NW SW 16 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31580-00		UTU75023X
MONUMENT STATE #11-16B	NW NW 16 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30616-00	ML21844	UTU75023X
MONUMENT STATE #22-16B	SE NW 16 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013- 31679-00	31145 ml 3453B	UTU75023X
MONUMENT FEDERAL #31-17	NW NE 17 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31428-00		UTU75023X
MONUMENT FEDERAL #33-17B	NW SE 17 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31581-00		UTU75023X
MONUMENT FEDERAL #42-17	SE NE 17 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31467-00	UTU74108	UTU75023X
MONUMENT FEDERAL #44-8-9-17B	SE SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30643-00	UTU74398	UTU75023X
PAIUTE FEDERAL #24-8	SE SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30675-00	UTU74108	UTU75023X
PAIUTE FEDERAL #11-17	NW NW 17 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30516-00		UTU75023X
POMCO #5	SW SW 17 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30499-00		UTU75023X
PARIETTE BENCH #4 (SWD)	SWSE 7 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-15681-00	UTU017992	8910069630



**EQUITABLE RESOURCES
ENERGY COMPANY**

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc



Crazy Mountain Oil & Gas Services
P.O. Box 577
Laurel, MT 59044
(406) 628-4164
(406) 628-4165

TO: *Lisha*
St of Utah.

FROM. Molly Conrad
Crazy Mountain Oil & Gas Services
(406) 628-4164

Pages Attached - Including Cover Sheet *2.*

NOTE: *Here is the letter you requested.
Call if you need anything
further.*



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

March 2, 1998

Inland Production Company
475 17th Street, Suite 1500
Denver, Colorado 80202

Re: Beluga (Green River) Unit
Duchesne County, Utah

Gentlemen:

On February 26, 1998, we received an indenture dated November 17, 1997, whereby Equitable Resources Energy Company resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Beluga (Green River) Unit, Duchesne 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 March 2, 1998. 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 Beluga (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Beluga (Green River) 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
Minerals Adjudication Group U-932
File - Beluga (Green River) Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron/Fluid Chron

UT931:TAThompson:tt:3/2/98

Well Status Report
Utah State Office
Bureau of Land Management

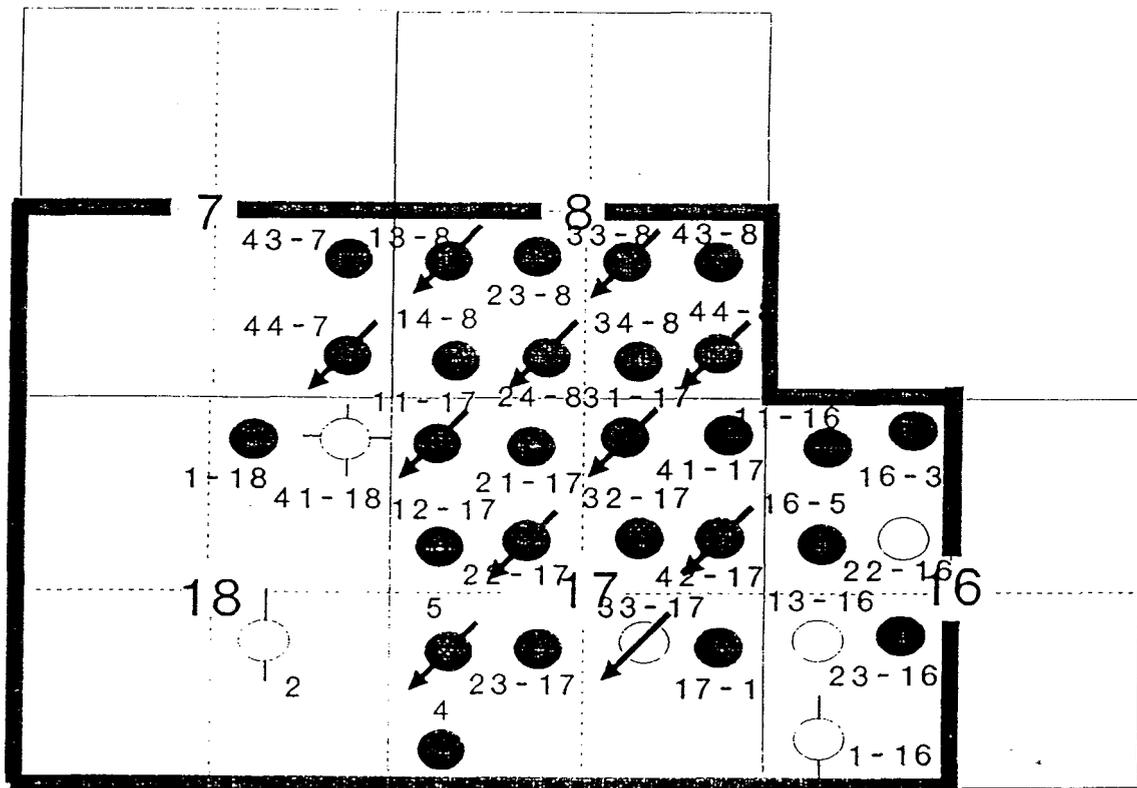
Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
** Inspection Item: UTU75023X								
STATE	4301315582	1-16 SHELL-STATE	SWSW	16	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU3563	4301330332	1-18 FEDERAL	NWNE	18	T	9S	R17E TA	EQUITABLE RESOURCES ENERGY CO
STATE	4301330616	11-16 STATE-NGC	NWNW	16	T	9S	R17E ABD (wiw)	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301330516	11-17 PIUTE-FEDERAL	NWNW	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331431	12-17	SWNW	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301331580	13-16-9-17B	NWSW	16	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331382	13-8 MONUMENT FED	NWSW	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331398	14-8 MONUMENT FED	SWSW	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301330562	16-3 MORRIS SUE	NENW	16	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301330570	16-5 DUNCAN-STATE	SWNW	16	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU44430	4301330689	17-1 FEDERAL-DMD	NESE	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU3563	4301330505	2 POMCO	NWSE	18	T	9S	R17E TA	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331387	21-17 MONUMENT FED	NENW	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301331145	22-16-9-17B	SENW	16	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331429	22-17 MONUMENT FED	SENW	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
STATE	4301331578	23-16-9-17B	NESW	16	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331582	23-17-9-17B	NESW	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331196	23-8 MAXUS-FEDERAL	NESW	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330675	24-8 PIUTE-FEDERAL	SESW	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331428	31-17 MONUMENT BUTTE	NWNE	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331465	32-17	SWNE	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331581	33-17-9-17B	NWSE	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331427	33-8 MONUMENT FED	NWSE	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330778	34-8 PAIUTE	SWSE	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330506	4 POMCO	SWSW	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331466	41-17	NENE	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331399	41-18 BALCORN FED	NENE	18	T	9S	R17E ABD (PA)	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331467	42-17	SENE	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331432	43-7 MONUMENT BUTTE	NESE	7	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330777	43-8 PAIUTE	NESE	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301330666	44-7 MOCOW-FEDERAL	SESE	7	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74398	4301330643	44-8-9-17	SESE	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330499	5 POMCO	NWSW	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO

11250

BELUGA (GREEN RIVER) UNIT

DUCHESNE COUNTY, UTAH

EFFECTIVE: FEBRUARY 1, 1996



17E

— UNIT OUTLINE (UTU75023X)
2,223.13 ACRES

SECONDARY ALLOCATION	
FEDERAL	89.74%
STATE	10.26%

DOGM SPEED LETTER

To: Ed Bonner

From: Lisha Cordova

School & Institutional Trust

Division of Oil, Gas & Mining

Lands Administration

Subject: Operator Change

MESSAGE

COPY

Date 03/11 19 98

Ed,

For your information, attached are copies of documents regarding an operator change on a state lease(s)

These companies have complied with our requirements. Our records have been updated. Bonding should be reviewed by your agency ASAP.

Former Operator: Equitable Resources Energy

New Operator: Inland Production Company

Well(s):	API:	Entity:	S-T-R:	Lease:
A. Anderson State 1-16	43-013-15582	11880	16-09S-17E	ML-46694
Sue Morris 16-3	43-013-30562	11880	16-09S-17E	ML-3453B
D. Duncan St 16-5	43-013-30570	11880	16-09S-17E	ML-3453B
Monument St 23-16-9-17B	43-013-31578	11880	16-09S-17E	ML-3453B
Monument St 13-16-9-17B	43-013-31580	11880	16-09S-17E	ML-3453B
Monument St 11-16-9-17B	43-013-30616	06130	16-09S-17E	ML-21844
Monument St 22-16-9-17B	43-013-31145	11880	16-09S-17E	ML-3453B

cc: Operator File

Signed Lisha Cordova

REPLY

Date _____ 19 _____

Signed _____

OPERATOR CHANGE WORKSHEET

Routing:

1-LTC ✓	6-LTC ✓
2-GLH ✓	7-KAS ✓
3-FETS ✓	8-SI ✓
4-VLD ✓	9-FILE ✓
5-JRB ✓	

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: 9-30-97

TO: (new operator) <u>INLAND PRODUCTION CO.</u> (address) <u>PO BOX 1446</u> <u>ROOSEVELT UT 84066</u> Phone: <u>(435) 722-5103</u> Account no. <u>N5160</u>	FROM: (old operator) _____ (address) _____ Phone: _____ Account no. _____	EQUITABLE RESOURCES ENERGY C/O CRAZY MTN O&G SVS'S <u>PO BOX 577</u> <u>LAUREL MT 59044</u> Phone: <u>(406) 628-4164</u> Account no. <u>N9890</u>
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WELL(S) attach additional page if needed:

***BELUGA (GREEN RIVER) UNIT**

Name: **SEE ATTACHED**	API: <u>43-013-30666</u>	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: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- Sec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Rec'd 3-10-97)
- Sec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Rec'd 10-20-97)
- 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: _____
- Sec 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.
- Sec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (3-11-98) * Quattro Pro & DBASE (w/c) 3-11-98.
- Sec 6. **Cardex** file has been updated for each well listed above. (3-11-98)
- Sec 7. Well **file labels** have been updated for each well listed above. (3-11-98)
- Sec 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. (3-11-98)
- 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. (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/fee 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY) Trust Lands - 80,000 Surety "Hartford Acc. & Indemnity Co."

- N/A/fee 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
- N/A/fee 2. A **copy of this form** has been placed in the new and former operator's bond files.
- N/A/fee 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

- Yes 1. Copies of documents have been sent on 3-11-98 to Ed Bonner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A/fee 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: 4.14.98.

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

980311 Blm/SL Apr. 3-2-98.

ON-SITE PREDRILL EVALUATION

Division of Oil, Gas and Mining

OPERATOR: EQUITABLE RESOURCES ENERGY COMPANY

WELL NAME & NUMBER: MONUMENT STATE #11-16-9-17B RE-ENTRY

API NUMBER: 43-013-30616

LEASE: STATE #ML-21844 FIELD/UNIT: MONUMENT BUTTE/GREEN RIVER

LOCATION: 1/4, 1/4 NW/NW Sec: 16 TWP: 9S RNG: 17E 660' FNL 659' FWL

LEGAL WELL SITING: ___ F SEC. LINE; ___ F 1/4, 1/4 LINE; ___ F ANOTHER WELL.

GPS COORD (UTM): 583767 E 4432096 N

SURFACE OWNER: STATE LANDS

PARTICIPANTS

DANNY FARNSWORTH (EQUITABLE RESOURCES REPRESENTATIVE); DENNIS L INGRAM (DOGM REPRESENTATIVE).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

PROPOSED DRILL SITE IS SET IN BROAD BASIN, ON NEARLY LEVEL GROUND, IN DESERT HABITAT THAT DIPS GENTLY TOWARD THE EAST/NORTHEAST, LOCATED APPROXIMATELY 1/4 MILE EAST OF THE SAND WASH ROAD IN DUCHESNE COUNTY.

SURFACE USE PLAN

CURRENT SURFACE USE: DOMESTIC SHEEP GRAZING AND WILDIFE USE.

PROPOSED SURFACE DISTURBANCE: ACCESS ROAD OF APPROXIMATELY 200 FEET IN LENGTH AND 18 FEET IN WIDTH; LOCATION SIZE OF 275 FEET BY 150 FEET PLUS RESERVE PIT: 100'X 75'X 8' DEEP. DANNY CLAIMS THAT THEY MIGHT BUILD THE PIT SMALLER, BUT IT WAS NOT STAKED THAT WAY.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: See the attached Field map.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: WELL RE-ENTRY DONE AS AN INJECTOR--WILL PROBABLY ONLYU UTILIZE SMALL SHED AND PIPELINE. PIPELINE INFO WILL BE SUBMITTED TO DIVISION UPON SUCCESSFUL DRILLING OF WELL.

SOURCE OF CONSTRUCTION MATERAIL: ALL NATIVE MATERIAL IN CUT AND FILL.

ANCILLARY FACILITIES: None

WASTE MANAGEMENT PLAN:

PLAN ATTACHED.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOOD PLAINS AND/OR WETLANDS: N/A

FLORA/FAUNA: SAGEBRUSH, RABBIT BRUSH, FOUR-WING SALTBUSH, SHADSCALE,
BUNCH GRASS. DEER, ANTELOPE, COYOTES, RABBITS, PRAIRIE DOGS, RODENTS,
LIZARDS, SNAKES, AND RAPTORS.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN TO TAN SANDY SOIL WITH SOME
CLAY PRESENT.

SURFACE FORMATION & CHARACTERISTICS: UINTAH FORMATION (UPPER EPOCH)

EROSION/SEDIMENTATION/STABILITY: NO EROSION PROBLEMS ANTICIPATED,
SOME SEDIMENTATION, NO STABILITY PROBLEMS.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

RESERVE PIT

CHARACTERISTICS: 100'x 75'x 8'DEEP IN CUT AND ON DOWNWIND SIDE OF WELL

LINER REQUIREMENTS (Site Ranking Form attached): 30 POINTS.

SURFACE RESTORATION/RECLAMATION PLAN

SUBMITTED IN APPLICATION TO DRILL

SURFACE AGREEMENT: RECLAMATION AND SEED MIX ACCORDING TO STATE LAND STIPS.

CULTURAL RESOURCES/ARCHAEOLOGY: ARCH REPORT NO REQUIRED UNLESS THERE IS NEW
DISTURBANCE ON LANDS OUTSIDE OF PREVIOUSLY DISTURBED LANDS.

OTHER OBSERVATIONS/COMMENTS

DANNY WONDERED IF AN ARCHEOLOGY REPORT WAS NECESSARY. DANNY THOUGHT
THAT THEY MIGHT BUILD THE RESERVE PIT SMALLER THAN WAS STAKED ON
PRESITE. GROUND WAS 100 % OPEN ON VISIT WITH MOST OF CURRENT
VEGATATION A RESULT OF A PRIOR RECLAMATION ATTEMPT.

ATTACHMENTS:

PHOTOGRAPHS OF LAND STATUS PRIOR TO NEW ACTIVITY.

DENNIS L INGRAM
DOGM REPRESENTATIVE

7/23/96 AT 1:00 PM
DATE/TIME

Underground Injection Control (UIC)
Permit Application
Supplement Attachment To Form Four

Equitable Resources Energy Company, Western Region
Beluga Unit Waterflood
Duchesne County, Utah

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List of Exhibits

Exhibit-A	Area of Review Well List
Exhibit-B	Well Data Sheets and Scout Cards
Exhibit-C	Individual Sand Isopach Maps
Exhibit-D	Well Perforation Intervals
Exhibit-E	Fracture Pressure Data
Exhibit-F	Packer Fluid Recommendation
Exhibit-G	Core Analysis
Exhibit-H	Proposed Injection Well Surface Equipment
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Exhibit-J	Plugging and Abandonment Diagrams
Exhibit-K	Evidence of Financial Ability
Exhibit-L	Existing EPA Permits Held by Equitable Resources Energy Company

**Underground Injection Control (UIC)
Permit Application
Supplement Attachment To Form Four**

Company: Equitable Resources Energy Company (EREC)
Project: Beluga Unit Waterflood
Monument Butte Field
Section 7,8,16,17,& 18, T9S, R17E
Duchesne County, Utah

A) AREA OF REVIEW METHODS.

- 1) The area of review is a fixed radius of 1/4 mile from the proposed Unit boundary and/or proposed injection wells. This area of review was selected to ensure that any future development in this area would be covered.

B) MAPS OF WELLS/AREA & AREA OF REVIEW.

- 1) Figure #1 - Topographic Map showing the area of review. A 1/4 mile radius from the proposed injection wells is outlined with all wells in the prescribed area located and identified.

Refer to Exhibit-A for a list of wells within the area of review.

- 2) Figure #2 - Proposed Water Injection Facilities Map.
- 3) Figure #3 - Proposed Produced Water Gathering Facilities Map.
- 4) Figure #4 - Surface and lease ownership map.
All surface within the area of review is owned by the Bureau of Land Management except for Section 16, T9S, R17E which is owned by the State of Utah.

C) CORRECTIVE ACTION PLAN AND WELL DATA.

- 1) A tabulation of well data is presented for each well within the area of review, refer to Exhibit-B, well data sheets & scout cards. Note that the proposed area of review for the Beluga Unit overlaps with the approved area of review for the Jonah Unit (Operated by Equitable Resources Energy Company) and Pleasant Valley Unit (Operated by Enserch Exploration Inc.). Please refer to the approved UIC permits for details on the wells in these areas.

Jonah Unit	Area Permit Number UT2642
Pleasant Valley Unit	Area Permit Number UT2771

- 2) It is proposed to inject water into multiple sands of the Green River Formation using injection packer assemblies which will be landed on tubing. The annulus of the proposed injection wells will be filled with a protective corrosion inhibitor and the backside pressure will be monitored daily. If abnormal backside pressure is detected the well will be pulled to determine the source of the leak.

D) MAPS AND CROSS SECTIONS OF USDW.

-Does not apply to Class Two injection wells.

E) NAME AND DEPTH OF USDW.

- 1) There are no underground sources of drinking water or water wells in

the area of review. No fresh water sources will be affected by these water injection operations. The top of the saline water bearing horizon in this area is 4800 feet to 5000 feet mean sea level which falls in the Uintah Formation. This information was provided by Gil Hunt with the Division of Oil, Gas, & Mining, State of Utah. The average MSL elevation for the area of review is 5350 feet which basically puts the top of the saline water horizon at surface to approximately 500 feet. There have been no fresh water bearing zones encountered in this area of review.

F) MAPS AND CROSS SECTIONS OF GEOLOGIC STRUCTURE OF AREA.

- Does not apply to Class Two injection wells.

G) GEOLOGICAL DATA ON INJECTION AND CONFINING ZONES.

- 1) The flooding objectives of the proposed Beluga Unit waterflood are lenticular channel sandstones which are distributed throughout the Douglas Creek Member of the Green River Formation. These sands occur over 1550 feet of vertical section at an average depth range of 3750 feet to 5300 feet. They exhibit a fining upward grain size, typical of fluvial channel deposits, with an average thickness of 15 feet. Due to the multiple potential waterflood horizons in the Douglas Creek Member, Equitable Resources Energy Company is requesting approval to inject water into any or all of the occurring sands within this interval. Refer to Exhibit-C for individual sand isopach maps.
- 2) For specific injection intervals please refer to the perforation intervals of each proposed injection well outlined in Exhibit-D and the welldata sheets and wellbore diagrams provided in Exhibit-B.
- 3) Estimated Formation Tops: See Type Log for the Paiute Federal #43-8

Uintah Formation	Surface to 1450 ft.
Green River Formation	1450 ft to 5400 ft.
Douglas Creek Member	4560 ft to 5400 ft.
Douglas/Wasatch Transition	5400 ft to 5950 ft.
Wasatch Formation	5950 ft.

Note: The Douglas Creek interval is shown as a member within the Green River Formation.

- 4) The confining zones for the proposed injection intervals consists of mixed continental and lacustrine shales. The Douglas Creek Member is primarily interbedded sand stringers and shale which will act as isolation barriers for the waterflood. The top confining zone is the shales of the Green River Formation and the bottom confining zone is the shales of the Wasatch Formation. Refer to the Type Log for the Beluga Unit area which has been submitted with this permit.
- 5) The injection interval water quality is an analysis of the produced water from the Paiute Federal #11-17. This sample represents an average of the produced water from the Beluga Unit wells. The analysis shows 11,800 mg/l chloride, 9,471 mg/l sodium, and 25,085 mg/l TDS. Refer to Figure-5 for the produced water analysis report.
- 6) The average fracture gradient for the Douglas Creek Member sands is 0.876627 psig/ft. This is an average of all the frac gradients calculated from jobs performed on all zones in the Beluga Unit. Refer to Exhibit-E for pressure and gradient data.
- 7) Calculations for the submitted frac gradients are based on the initial shut in pressures obtained from the frac jobs performed on the Beluga Unit wells. Fracture treatment records show that the frac sand was

displaced with 2% KCl water. The hydrostatic gradient for the 2% KCl water was calculated at 0.43836 psig/ft. This gradient was used to calculate the hydrostatic head of the KCl water and was added to the ISIP. The fracture gradient was then calculated by dividing the sum of these pressures by the average of the perforation depth.

$$\text{Frac Gradient} = (\text{ISIP} + 0.43836 \text{ psig/ft}(\text{Depth}))/\text{Depth}$$

- 8) Cement Bond Logs for the proposed water injection wells and a Beluga Unit Type Log have been enclosed. Cement bond logs for the newly drilled wells will be submitted to the EPA as soon as available.
- 9) The proposed water injection wells were drilled with a rotary rig using a conventional water based mud and/or an air mist to an average total depth of 5800 feet. Production casing was run through the productive sands of the Green River Formation and cemented to a point well above the upper most sand. The wells were then perforated, hydraulically fractured, and put on production. Refer to the welldata sheets presented in Exhibit-B for specific completion details of each well.

H) OPERATING DATA.

- 1) Average water injection volume of 250 STBWD. Maximum water injection volume of 500 STBWD.
- 2) EREC is requesting a maximum injection pressure of 1856 psig based on fracture pressure gradient calculations until step rate test studies can be performed. The average fracture gradient for the Douglas Creek Member sands is calculated at 0.876627 psig/ft. This is an average of all the frac gradients calculated from jobs performed on all zones in the Beluga Unit. However, due to the difference in depth and fracture gradients between the Y-Zones and R-Zones EREC is requesting a maximum injection pressure of 1856 psig based on the fracture gradient and depth of the Y-Zones. The average fracture gradient for the Y-Zones only is calculated at 0.898974 psig/ft. Using the average depth of the shallowest Y-Zone perforations of 3982 feet, the formation parting pressure is calculated at 1856 psig for the Y-Zones. The average fracture gradient for the remaining zones (Excluding Y-Zones) is calculated at 0.866360 psig/ft. Using the average depth of the shallowest perforations for the remaining zones of 4553 feet, the formation parting pressure is calculated at 1973 psig. Thus, by using the lesser of the two calculated formation parting pressures of 1856 psig for a maximum injection pressure, it is reasonable to assume that the formation will not propagate a fracture during injection operations.
- 3) The annulus of the proposed injection wells will be filled with a protective corrosion inhibitor (Cortron R-2383) supplied by Champion Technologies, Inc. The recommended chemical will be mixed with fresh water at a concentration of two percent by volume. A diesel blanket of approximately one barrel will be placed on the backside to prevent the valves from freezing. Refer to Exhibit-F for the recommendation of packer fluid.
- 4) The injection water for the Beluga Unit waterflood will be fresh potable water supplied by Johnson Water Association out of Myton, Utah. This water will be piped from the Johnson water facility approximately 7.5 miles to the Jonah Unit through a six inch fiberglass water supply line which is owned and operated by EREC. It is proposed to extend this line approximately two miles to the Beluga Unit waterflood facilities. The source for this water supply is the Starvation Reservoir which is owned by the Bureau of Reclamation, Central Utah Project. The water is gathered from the Strawberry and Duchesne Rivers into the reservoir just west of the city of Duchesne, Utah and sold accordingly. The analysis for this

water shows 1200 mg/l chloride and 2548 mg/l TDS with a specific gravity of 1.005. Chemicals will be added to the water to reduce oxygen and to prevent corrosion and scaling. The proposed chemicals will be supplied by Champion Technologies out of Vernal, Utah. Refer to Figure-6 and Figure-7 for the analysis of the Johnson water supply.

- 5) As the waterflood progresses and water breakthrough occurs, it is proposed to inject the produced water back into the reservoir. When it is time to inject this produced water the EPA will be notified via letter and a water analysis will be submitted.

I) FORMATION TESTING PROGRAM.

- 1) The porosity of the injection sands averages approximately 12% with a permeability range from 0.1 to 16 millidarcy. The porosity is determined using compensated neutron/density porosity logs and core analysis. The core analysis is from the Allen Federal #34-5, Paiute Federal #24-8, and the Paiute Federal #34-8. The Allen Federal #34-5 well is located outside the Beluga Unit waterflood boundary and the other two are within the unit. These wells represent similar conditions for depositional environment, and reservoir characteristics for the Beluga Unit. Refer to Exhibit-G for the core analysis.
- 2) A mechanical integrity test will be conducted on all proposed water injection wells prior to injection. The casing will be integrity tested by setting a tubing conveyed packer just above the perforations and pressuring the annulus to 1000 psig. The pressure will be held for a one hour test. The results of the mechanical integrity tests will be submitted to the EPA prior to water injection.
- 3) Fracture treating rates, average and maximum pressure, ISIP, and frac gradients have been tabulated for the Beluga Unit and are presented in Exhibit-E and on the welldata sheets in Exhibit-B.
- 4) The present reservoir pressure through out the Beluga Unit ranges from a normal pressured reservoir at 2100 psig to depleted conditions at 900 psig. Refer to Figure-8 for a recent pressure build up test performed on the Monument Federal #42-17 in the R2 zone.
- 5) A step rate test will be performed on at least one proposed injection well to determine the formation parting pressure and to more accurately define the maximum allowable injection pressure. It is proposed to perform individual step rate tests on the Y-Zones and R-Zones to better understand the differences in formation parting pressures and to assure that the maximum requested injection pressure does not propagate fractures in any zone during the injection operations.

J) STIMULATION PROGRAM.

- Refer to individual well data sheets for well stimulation and fracture data.

K) INJECTION PROCEDURES.

- 1) The injection procedure for the Beluga Unit waterflood will be as follows:
 - Water from the Johnson Water Association and/or produced water will be piped to the proposed water injection plant located at the Paiute Federal #24-8 well location.
 - The water will be filtered with 50 and 10 micron filters before entering the water storage tanks at the water injection plant.
 - Chemical will be added for oxygen, corrosion, and scaling.
 - A triplex injection pump will be used to pressurize the water to approximately 2300 psig plant pressure.
 - The pressurized water will travel through an injection manifold and

out to the well feed lines.

- Each feed line will supply one injection well.
 - Each injection well will be equipped with a flowmeter, choke valve check valve, water filter, tubing and casing annulus pressure gauge.
 - The water will be filtered with 5 micron filters before entering the tubing.
 - The water will pass down the tubing, past the packer to the perforations.
 - Tracer profiles will be run approximately every 6 months which will indicate the percentage of water exiting each set of perforations.
- 2) The injection facility will be equipped with pressure monitoring and safety shut-down devices to protect against high or low pressure failures. It will also have tank level, oil, temperature, and other safety shut-down devices.

L) CONSTRUCTION PROCEDURES.

- 1) It is proposed to drill or re-enter the following wells:

Drill the Monument Federal #23-17B	NE SW Sec.17, T9S, R17E
Re-enter the Monument Butte Fed. #1-8	NW SW Sec.8 , T9S, R17E
Re-enter the State NGC #11-16	NW NW Sec.16, T9S, R17E

- 2) The Monument Federal #23-17B will be drilled and completed similar to the Monument Federal #13-16B, #22-16B, #23-16B, and #33-17B wells. The well will be completed as an oil production well.
- 3) The Monument Butte Federal #1-8 and State NGC #11-16 will be re-entered using a workover rig and power swivel. The wells will be cleaned out to plugback TD and recompleted in additional zones. Refer to the wellbore diagrams presented in Exhibit-B and the proposed injection well diagrams presented in Exhibit-H.

M) CONSTRUCTION DETAILS.

- 1) Refer to Exhibit-I for the proposed well surface injection equipment.
- 2) Refer to Exhibit-B for well data sheets, wellbore diagrams, and scout cards for all wells in the proposed area of review. Refer to Exhibit-H for proposed injection well diagrams. Refer to approved UIC area permits for the Jonah Unit (UT2642) and Pleasant Valley Unit (UT2771) for additional information on wells in the overlapping area of reviews.
- 3) A 25'x 30' water injection plant will be constructed on the location of the Paiute Federal #24-8 proposed water injection well. The water injection plant will be equipped with a produced water gathering and filtering system to reinject produced water as required. High pressure steel water injection lines will be laid and buried from the injection plant to each of the proposed water injection wells.
- 4) The injection wells will be equipped with 2 7/8 inch tubing and an Arrow Set-1 packer set in tension to isolate the injection zones. The packer will be set within 100 feet of the top perforation and will be tested for mechanical integrity. Refer to Exhibit-H for proposed packer setting depths of each water injection well.
- 5) Results of mechanical integrity tests and step rate tests will be submitted to the EPA along with well rework forms for each proposed water injection well prior to injection.

N) CHANGES IN INJECTION FLUID.

- 1) As the waterflood progresses and water breakthrough occurs, it is proposed to inject the produced water back into the formation. When

it is time to inject this produced water the EPA will be notified via letter and a water analysis will be submitted. At this time it is not feasible to make estimates as to the volume or quality of the produced water.

O) PLANS FOR WELL FAILURES.

- 1) All injection wells and related facilities will be monitored daily for integrity. The backside pressure will be checked daily and if abnormal backside pressure is detected the well will be investigated to determine the source of the leak. If a casing leak is found the leak will be isolated and squeezed with cement. The casing will be checked for mechanical integrity to ensure that the squeeze job repaired the leak. If a leak cannot be repaired the well will either be returned to production and pumped off or plugged and abandoned according to the procedure outlined in Section-Q.

P) MONITORING PROGRAM.

- 1) The waterflood will be monitored through the existing oil production wells. Each production well will be monitored for waterflood response and records of daily oil and water production will be kept. Fluid levels will be shot when possible to monitor reservoir pressure and flood advancement. Refer to Figure-1 for the location of these oil production wells.

Q) PLUGGING AND ABANDONMENT PLAN.

- 1) The P&A plan proposed consists of running into the well with tubing and washing the well out to TD to ensure that the perforations are clear. If the well is not dead, mud will be mixed on location to a sufficient weight for killing the well. The mud will be circulated down the tubing and into the casing until the water has been displaced and/or the well has been killed. The well will then have a balanced cement plug using approximately 260 sacks of class-G cement placed over the Douglas Creek Member of the Green River Formation (i.e. over the perforation interval) from TD to a point at least 300 feet above the uppermost perforation. The top of the first cement plug will be at a depth of approximately 3800 feet. The tubing will be pulled out of the hole and the production casing will be perforated for two feet with four shots per foot at a point 100 feet below the surface casing shoe. Circulation will be established to surface, down the casing & up the annulus via the perforations. Cement will be circulated to fill the production casing and the annulus from the perforations to the surface using 100 sx of class-G cement. The top of the second cement plug will be at the surface and the bottom will be 100 feet below the surface casing shoe. A permanent marker will be set identifying the well name, lease, location, elevation, and plugging date.
- 2) Refer to Exhibit-J for plugging and abandonment plan and diagrams.

R) NECESSARY RESOURCES.

- 1) Refer to Exhibit-K for evidence of financial ability to plug and abandon the proposed injection wells.

S) AQUIFER EXEMPTION.

-No aquifer exemption is requested.

T) EXISTING EPA PERMITS.

- 1) Refer to Exhibit-L for existing EPA permits held by Equitable Resources Energy Company, Western Region.

U) DESCRIPTION OF BUSINESS.

- 1) Equitable Resources Energy Company is an independent oil and gas production company located in Billings, Montana. EREC employs engineers, geologists, and a field staff with the knowledge and technical experience required to maintain and operate the proposed facilities.

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

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

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

---ooOoo---

IN THE MATTER OF THE	:	NOTICE OF AGENCY
APPLICATION OF EQUITABLE	:	ACTION
RESOURCES ENERGY COMPANY	:	
FOR ADMINISTRATIVE APPROVAL OF	:	CAUSE NO. UIC-170
THE 44-7, 13-8, 24-8, 33-8, 1-8, 11-16,	:	
22-16, 13-16, 11-17, POMCO #5,	:	
22-17, 31-17, 42-17, AND 33-17	:	
WELLS LOCATED IN SECTIONS 7, 8,	:	
16 AND 17, TOWNSHIP 9 SOUTH,	:	
RANGE 17 EAST, S.L.M., DUCHESNE	:	
COUNTY, UTAH, AS CLASS II	:	
INJECTION WELLS	:	

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

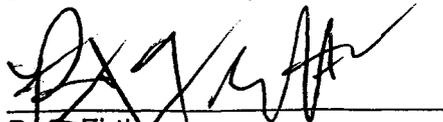
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Equitable Resources Energy Company for administrative approval of the 44-7, 13-8, 24-8, 33-8, 1-8, 11-16, 22-16, 13-16, 11-17, Pomco #5, 22-17, 31-17, 42-17, and 33-17 wells, located in Section 7, 8, 16 and 17, Township 9 South, Range 17 East, SLM, Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The interval from 3190 feet to 5596 feet (Green River Formation) will be selectively perforated for water injection. The maximum requested injection pressure will be limited to 1856 PSIG with a maximum rate of 500 BWPD.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 2nd day of April 1996.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



R. J. Firth
Associate Director, Oil & Gas

**Equitable Resources Energy Company
44-7, 13-8, 24-8, 33-8, 1-8, 11-16, 22-16, 13-16, 11-17, Pomco #5,
22-17, 31-17, 42-17, and 33-17 Wells
Cause No. UIC-170**

Publication Notices were sent to the following:

Newspaper Agency Corporation
Legal Advertising
Tribune Building, Front Counter
143 South Main
Salt Lake City, Utah 84111

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Bureau of Land Management
170 South 500 East
Vernal, Utah 84078

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, Montana 59102-4126

U.S. Environmental Protection Agency
Region VIII
Attn. Dan Jackson
999 18th Street
Denver, Colorado 80202-2466



Lorraine Platt
Secretary
April 2, 1996



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

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

April 2, 1996

Newspaper Agency Corporation
Legal Advertising
Tribune Building, Front Counter
143 South Main
Salt Lake City, Utah 84111

Re: Notice of Agency Action - Cause No. UIC-170

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

A handwritten signature in cursive script that reads "Lorraine Platt".

Lorraine Platt
Secretary

Enclosure





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

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

April 2, 1996

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Re: Notice of Agency Action - Cause No. UIC-170

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

Lorraine Platt

Lorraine Platt
Secretary

Enclosure



143 SOUTH MAIN ST.
P.O. BOX 45838
SALT LAKE CITY, UTAH 84145
FED. TAX I.D. # 87-0217663

Newspaper Agency Corporation
The Salt Lake Tribune **DESERET NEWS**

CUSTOMER'S
COPY

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	
DIV OF OIL, GAS & MINING 355 WEST NORTH TEMPLE 3 TRIAD CENTER #350 SLC, UT 84180	D5385340L-07	04/11/96

ACCOUNT NAME	
DIV OF OIL, GAS & MINING	
TELEPHONE	INVOICE NUMBER
801-538-5340	TL488200561
SCHEDULE	
START 04/11/96 END 04/11/96	
CUST. REF. NO.	
UIC-170	
CAPTION	

COPY

**NOTICE OF AGENCY ACTION
CAUSE NO. UIC-170
BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH**

IN THE MATTER OF THE APPLICATION OF EQUITABLE RESOURCES ENERGY COMPANY FOR ADMINISTRATIVE APPROVAL OF THE 44-7, 13-8, 24-8, 33-8, 1-8, 11-16, 22-16, 13-16, 11-17, POMCO #5, 22-17, 31-17, 42-17, AND 33-17 WELLS LOCATED IN SECTIONS 7, 8, 16 AND 17, TOWNSHIP 9 SOUTH, RANGE 17 EAST, S.L.M., DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER:

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Equitable Resources Energy Company for administrative approval of the 44-7, 13-8, 24-8, 33-8, 1-8, 11-16, 22-16, 13-16, 11-17, POMCO #5, 22-17, 31-17, 42-17, and 33-17 wells located in Sections 7, 8, 16 and 17, Township 9 South, Range 17 East, S.L.M., Duchesne County, Utah, for conversion to Class II Injection wells. The proceeding will be conducted in accordance with Utah Admin. R. 649-10, Administrative Procedures.

The interval from 3190 feet to 5596 feet (Green River Formation) will be selectively perforated for water injection. The maximum requested injection pressure will be limited to 1856 PSIG with a maximum rate of 500 bwpd.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 2nd day of April, 1996.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
R. J. Firth
Associate Director, Oil and Gas
48820050

NOTICE OF AGENCY ACTION CAUSE N	
SIZE	
47 LINES	2.00 COLUMN
RATE	
	1.64
AD CHARGES	
	154.16
TOTAL COST	
	154.16

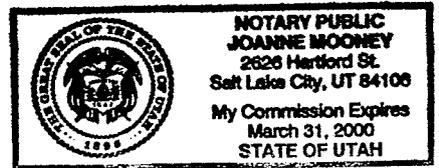
AFFIDAVIT OF PUBLICATION

I, _____, CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED NOTICE OF AGENCY ACTION CAUSE N _____ FOR OIL & MINING _____ WAS PUBLISHED BY THE NEWSPAPER AGENCY OR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS IN ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON START 04/11/96 END 04/11/96

SIGNATURE *Joanne Mooney*

DATE 04/11/96



**THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT.**

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM**

**PERMIT
DECISION DOCUMENT**

Applicant: Equitable Resources **Location:** Belugu Unit

Wells: 44-7, 13-8, 24-8, 33-8, 1-8, 11-16, 22-16, 13-16, 11-17, Pomco#5, 22-17, 31-17, 42-17 and 33-17

Ownership Issues: The proposed wells are located in sections 7, 8 and 16, township 9 south, range 17 east, Duchesne County, Utah. Surface ownership within the 1/2 mile area is held by the BLM and the State of Utah. All of the wells are located on Federal land. Mineral interests are held by private individuals, the State of Utah, and the federal government. Equitable has submitted an affidavit stating that a copy of UIC form 1 was sent as notice to all surface owners and operators within a 1/2 mile radius of each of the proposed injection wells.

Well Integrity: The 14 wells proposed for conversion to injection all have surface casing set at approximately 300 feet \pm 30 feet, and were all cemented to surface. Production casing was set at a depth of approximately 5600 feet - 6000 feet, and were all cemented above the injection zone. The 1-8 and 11-16 wells are plugged and abandoned wells. The Pomco # 5 well is an old shut in producer, there are no cement bond logs on these three wells. Equitable has been notified that they must run bond logs on these wells and submit them to the Division prior to conversion. Cement bond logs are on file with the Division and verify reported cement tops on the other proposed injectors. The interval from 3190-5596 feet (Green River Formation) will be selectively perforated for water injection. A 2 7/8 inch tubing with a packer will be set above the perforations for injection of water. There are 25 producing wells 5 plugged and abandoned wells, 5 shut in producers and 3 newly drilled wells in the 1/2 mile area of review. All wells in the AOR have sufficient cement behind the production string and have adequate surface casing to prevent migration of fluid up the hole. All of the plugged wells have adequate plugs. At the time of conversion the casing will be pressure tested. Casing/tubing annulus pressure will be monitored on a daily basis and reported on a monthly basis thereafter. Additional casing pressure tests shall be run every five years or whenever the tubing and packer assemblies are pulled for workover purposes.

Ground Water Protection: The base of moderately saline water in the area of the project is at a depth of approximately 300-500 feet. Each of the injection wells and offset producing wells have adequate surface casing and sufficient cement on the production casing to protect fresh water. The submitted fracture pressure for the field averages .87 psi/ft resulting in a maximum allowed surface pressure of 1975 psi. A maximum pressure of 1856 psig was requested and injection pressures for each of the injectors will be

maintained at this pressure. The confining intervals above and below the injection zone consists of tight shales, siltstones and limestones of the Green River Formation. Water analysis indicate that the TDS of injection zone is greater than 10,000 TDS.

Oil/Gas & Other Mineral Resources Protection: Equitable Resources is the operator of the Belgu Unit. A unit agreement was previously formed, correlative rights issues were addressed before the Board of Oil, Gas and Mining when the matter was heard.

Bonding: Equitable is the operator of all wells within the project and is bonded by the Federal Government.

Actions Taken and Further Approvals Needed: These applications are for wells in an existing waterflood unit, previously supplied data and information along with newly submitted data supports a decision to approve the wells for conversion to injection. A public notice has been published in both the Salt Lake Tribune and the Uinta Basin Standard. The applications for the injection wells are technically complete. Cement bond logs need to be run on the 1-8,11-16 and pomco #5 wells. A casing pressure test needs to be conducted when the well is converted and a casing\tubing pressure test run prior to injection. The casing tubing annulus needs to be pressured to 1000 psi and not 500 psi as stated in the permit. Following the 15 day comment period if no objections are received it is recommended to issue an approval to convert the wells and an injection permit. There are no special conditions or stipulations other than running the bond logs on the specified wells and the permit should be granted in accordance with the conditions set forth in the application.

DJJ
Reviewers

05-21-96
Date



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

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

May 21, 1996

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Re: Application for Injection Wells
Sections 7, 8, 16 and 17
Township 9 South, Range 17 East
Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the following listed wells to Class II injection wells:

Monument State 22-16-9-17B
Monument State 13-16-9-17B
Monument State 33-17-9-17B
Balcron Monument Federal 42-17
Balcron Monument Federal 31-17
Balcron Monument Federal 22-17
Pomco 5
Paiute Federal 11-7
State NGC 11-16
Monument Butte Federal 1-8
Balcron Monument Federal 33-8
Paiute Federal 24-8
Balcron Monument Federal 13-8
Mocon Federal 44-7

Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.



Equitable Resources Energy Company
May 21, 1996
Page 2

2. Conformance with all conditions and requirements of the complete application submitted by Equitable Resources Energy Company.
3. Cement bond logs shall be run on the Monument Butte Federal 1-8, State NGC 11-16 and Pomco # 5 wells prior to conversion. Copies of the bond logs shall be submitted to the Division for review to determine if remedial cement work is necessary.

If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,



R.J. Firth
Associate Director

cc: Chuck Williams, Environmental Protection Agency
Bureau of Land Management, vernal

STATE OF UTAH
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

④
12:10

INJECTION WELL - PRESSURE TEST

Test Date: <u>11/13/96</u>	Well Owner/Operator: <u>Eggenhals</u>	
Disposal Well: _____	Enhanced Recovery Well: <input checked="" type="checkbox"/>	Other: _____
API No.: <u>43-013-30616</u>	Well Name/Number: <u>11-10-0B</u>	
Section: <u>16</u>	Township: <u>9S</u>	Range: <u>16</u>

Initial Conditions:

Tubing - Rate: 0 Pressure: 550 psi
Casing/Tubing Annulus - Pressure: 0 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1080</u>	<u>550</u>
5		
10		
15		
20		
25		
30	<u>1080</u>	<u>550</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 550 psi
Casing/Tubing Annulus Pressure: 0 psi

REMARKS:

casing held 1080 psi 1 hr. - Pass.
MIT

D. Jones
Operator Representative

[Signature]
DOG M Witness



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

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

November 20, 1996

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, Montana 59102

Re: Administrative Approval for Conversion of Wells to Class II Injection Wells, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced wells to Class II injection wells:

Monument State 22-16-9-17B
Monument State 33-17-9-17B
Balcron Monument Federal 31-17
Pomco 5
State NGC 11-16
Balcron Monument Federal 33-8
Balcron Monument Federal 13-8

Monument State 13-16-9-17B
Balcron Monument Federal 42-17
Balcron Monument Federal 22-17
Paiute Federal 11-7
Monument Butte Federal 1-8
Paiute Federal 24-8
Mocon Federal 44-7

Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Equitable Resources Energy Company.



Page 2
Equitable Resources Energy Company
November 20, 1996

Enclosed with this letter is the Underground Injection Control Permit for this well. If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,

A handwritten signature in black ink, appearing to read 'R. J. Firth', written over a faint, illegible typed name.

R. J. Firth
Associate Director

lwp

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal



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

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-170

Operator: Equitable Resources Energy Company

Wells: Monument State 22-16-9-17B
Monument State 13-16-9-17B
Monument State 33-17-9-17B
Balcron Monument Federal 42-17
Balcron Monument Federal 31-17
Balcron Monument Federal 22-17
Pomco 5
Paiute Federal 11-7
State NGC 11-16
Monument Butte Federal 1-8
Balcron Monument Federal 33-8
Paiute Federal 24-8
Balcron Monument Federal 13-8
Mocon Federal 44-7

Location: Sections 7,8,16 and 17, Township 9 South, Range 17
East,
County: Duchesne

Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on
May 21, 1996



2. Maximum Allowable Injection Pressure: 1856 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: 3190 feet to 5596 feet (Green River Formation)

Approved by:



R.J. Firth
Associate Director, Oil and Gas

11/20/96
Date

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 to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
See attached list

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Beluga Unit

8. Well Name and No.
See attached list

9. API Well No.
See attached list

10. Field and Pool, or Exploratory Area
Mon. Butte/Grn. River

11. County or Parish, State
Duchesne County, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

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

See attached list

12. CHECK APPROPRIATE BOX(S) 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 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.)*

The Monument State # 11-16-9-17B has been converted to water injection for secondary recovery of remaining oil reserves. The well was treated with 5 gallons of claymaster and 10 gallons of 940 surfactant mixed with 75 barrels of 25 KCl water at a temperature of approximately 160°F to clear the wellbore and formation of residual oil. The well was then placed on injection at a rate of approximately 460 STBWPD.

Water injection commenced on December 3, 1996.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining
COPY: U.S. Environmental Protection Agency (UIC Section)

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

Signed Bobbie Schuman
Bobbie Schuman
(This space for Federal or State office use)

Regulatory and
Environmental Specialist

Title

Date January 13, 1997

Approved by _____
Conditions of approval, if any:

Title

Date

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 Instruction on Reverse Side

Field Status Formation Federal lease #

APT # Footages UNIT

Field	Status	Formation	Federal lease #	APT #	Footages	UNIT
Balcron Monument Fed. #13-8	Monument Butte	NW SW	8 9S 17E Duchesne UT Oil Green River	UTU-74108	43-013-31382	2060' FSL, 694' FWL Beluga
Balcron Monument Fed. #22-17	Monument Butte	SE NW	17 9S 17E Duchesne UT Oil Green River	UTU-72106	43-013-31429	1800' FNL, 1980' FWL Beluga
Balcron Monument Fed. #31-17	Monument Butte	NE NW	17 9S 17E Duchesne UT Oil Green River	UTU-72106	43-013-31428	660' FNL, 1980' FEL Beluga
Balcron Monument Fed. #33-8	Monument Butte	NW SE	8 9S 17E Duchesne UT Oil Green River	UTU-74108	43-013-31427	1980' FSL, 1980' FEL Beluga
Balcron Monument Fed. #42-17	Monument Butte	SE NE	17 9S 17E Duchesne UT Oil Green River	UTU-72106	43-013-31467	1800' FNL, 700' FEL Beluga
Balcron Monument Fed. #43-7	Monument Butte	NE SE	7 9S 17E Duchesne UT Oil Green River	UTU-72106	43-013-31432	1850' FSL, 850' FEL Beluga
Monument Federal #23-17-9-17B	Monument Butte	NE SW	17 9S 17E Duchesne UT OIL Green River	UTU-74108		2217' FSL, 2187' FWL Beluga
Mocon Federal #44-7	Monument Butte	SE SE	7 9S 17E Duchesne UT Oil Green River	U-3563-A	43-013-30666	670' FSL, 663' FEL Beluga
Monument Federal #33-17-9-17B	Monument Butte	NW SE	17 9S 17E Duchesne UT COMPL Green River	U-72106		1926' FSL, 2000' FEL Beluga
Monument Federal #44-8-17B	Monument Butte	SE SE	8 9S 17E Duchesne UT PND Green River	U-74398	43-013-30643	602' FSL, 598' FEL Beluga
Monument State #11-16-9-17B (Re-entry)	Monument Butte	NW NW	16 9S 17E Duchesne UT DRLG Green River	State ML-21844	43-013-30616	660' FNL, 659' FWL Beluga
Monument State #13-16-9-17B	Monument Butte	NW SW	16 9S 17E Duchesne UT SI Green River	State ML-3453-B	43-013-31580	1980' FSL, 660' FWL Beluga
Monument State #22-16-9-17B	Monument Butte	SE NW	16 9S 17E Duchesne UT SI Green River	State ML-3453-B	43-013-31579	1824' FNL, 1981' FWL Beluga
Paiute Federal #11-17	Monument Butte	NW NW	17 9S 17E Duchesne UT Oil Green River	U-3563-A	43-047-30516	661' FNL, 664' FWL Beluga
Paiute Federal #24-8	Monument Butte	SE SW	8 9S 17E Duchesne UT Oil Green River	UTU-74108	43-013-30675	660' FSL, 1980' FWL Beluga
POMCO #5	Monument Butte	NW SW	17 9S 17E Duchesne UT Oil Green River	UTU-74108	43-013-30499	1980' FSL, 660' FWL Beluga

1-10-97/20

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

1. SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NO. ML-45431	
(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.)		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Injection		7. UNIT AGREEMENT NAME BELUGA	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		8. FARM OR LEASE NAME STATE NGC 11-16-9-17	
3. ADDRESS OF OPERATOR Rt. 3 Box 3630, Myton Utah 84052 435-646-3721		9. WELL NO. STATE NGC 11-16-9-17	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface NW/NW Section 16, T09S R17E 660 FNL 659 FWL		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE	
		11. SEC. T. R., M. OR BLK. AND SURVEY OR AREA NW/NW Section 16, T09S R17E	
14. API NUMBER 43-013-30616	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5307 GR	12. COUNTY OR PARISH DUCHESNE	13. STATE UT

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"/>	<input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/> 5 Year MIT	
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

A 5 year MIT was conducted on the subject well. On 10/01/01 Mr. Al Craver w/EPA and Mr. Dennis Ingram w/State DOGM was notified of the intent to conduct a MIT on the casing. On 10/25/01 the casing was pressured to 1030 psi and maintained with no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.

RECEIVED
OCT 26 2001
DIVISION OF OIL, GAS AND MINING

10-28-01
CHD

18 I hereby certify that the foregoing is true and correct

SIGNED Krisha Russell TITLE Production Clerk DATE 10/26/01
Krisha Russell

cc: BLM
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: 10-29-01
By: [Signature]

* See Instructions

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: N/A Date: 10/25/01
 Test conducted by: Brent Cook
 Others present: Tim Carrel

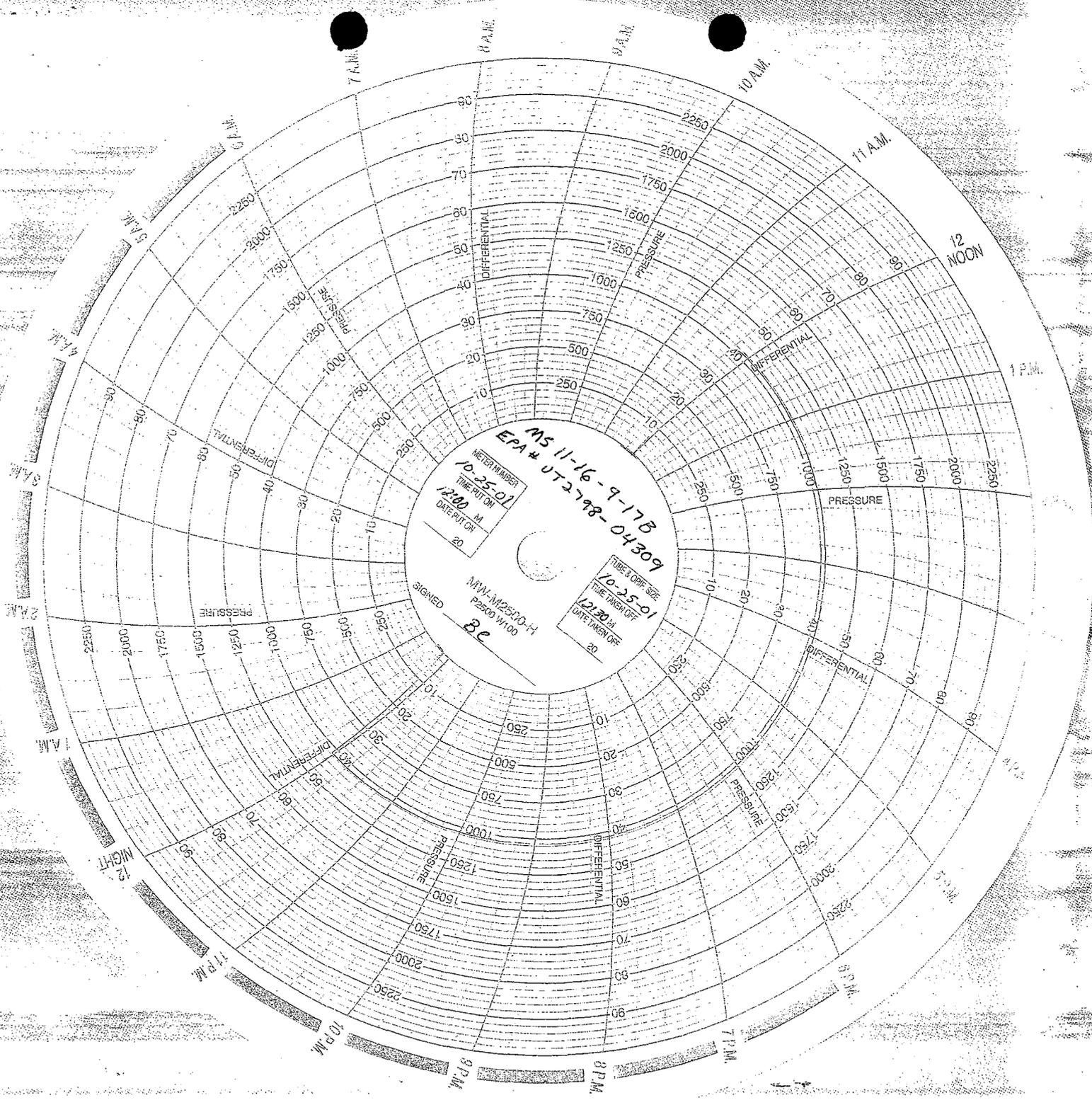
Well Name: <u>MS11-16-9-17B</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Beluga</u>		
Location: <u>11</u> Sec: <u>16</u> T <u>9</u> N/S R <u>17</u> E/W County: <u>Duch</u> State: <u>UT</u>		
Operator: <u>Inland Production</u>		
Last MIT: <u>11/13/96</u> Maximum Allowable Pressure: <u>1855</u> PSIG		

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: 19 bpd

Pre-test casing/tubing annulus pressure: _____ psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1830</u> psig	psig	psig
End of test pressure	<u>1830</u> psig	psig	psig
CASING/TUBING ANNULUS PRESSURE			
0 minutes	<u>1030</u> psig	psig	psig
5 minutes	<u>1030</u> psig	psig	psig
10 minutes	<u>1630</u> psig	psig	psig
15 minutes	<u>1030</u> psig	psig	psig
20 minutes	<u>1630</u> psig	psig	psig
25 minutes	<u>1030</u> psig	psig	psig
30 minutes	<u>1030</u> psig	psig	psig
minutes	psig	psig	psig
minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? Yes No



MS 11-16-9-17B
EPA # UT-798-04309

METER NUMBER
10-25-01
TIME PUT ON
12:00 AM
DATE PUT ON
20

TUBE A OPER. SIZE
10-25-01
TIME TAKEN OFF
12:00 AM
DATE TAKEN OFF
20

MMV-M2500-H
P500 W100
BC

SIGNED



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number
Location of Well		Field or Unit Name See Attached List
Footage :	County :	Lease Designation and Number
QQ, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: Inland Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: (303) 893-0102
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

NEW OPERATOR

Company: Newfield Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: _____
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

(This space for State use only)

Transfer approved by: *A. Hunt*

Approval Date: 9-20-04

Title: *Perk. Services Manager*

Comments: Note: Indian Country wells will require EPA approval.

RECEIVED
SEP 20 2004

DIV. OF OIL, GAS & MINING

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:		9/1/2004
FROM: (Old Operator): N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	TO: (New Operator): N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	

CA No. _____ **Unit:** **BELUGA (GREEN RIVER)**

WELL(S)									
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
MOCON FED 44-7	07	090S	170E	4301330666	11880	Federal	WI	A	
MON FED 44-8-9-17B	08	090S	170E	4301330643	11880	Federal	WI	A	
PAIUTE FED 24-8	08	090S	170E	4301330675	11880	Federal	WI	A	
PAIUTE FEDERAL 43-8	08	090S	170E	4301330777	11880	Federal	OW	P	
PAIUTE FEDERAL 34-8	08	090S	170E	4301330778	11880	Federal	OW	P	
MAXUS FEDERAL 23-8	08	090S	170E	4301331196	11880	Federal	OW	P	
MON FED 13-8	08	090S	170E	4301331382	11880	Federal	WI	A	
FEDERAL 14-8	08	090S	170E	4301331398	11880	Federal	OW	P	
A ANDERSON ST 1-16	16	090S	170E	4301315582	11880	State	OW	P	
SUE MORRIS 16-3	16	090S	170E	4301330562	11880	State	OW	P	
D DUNCAN ST 16-5	16	090S	170E	4301330570	11880	State	OW	P	
MON ST 11-16-9-17B	16	090S	170E	4301330616	11880	State	WI	A	
MON ST 22-16-9-17B	16	090S	170E	4301331145	11880	State	WI	A	
POMCO 5	17	090S	170E	4301330499	11880	Federal	WI	A	
POMCO 4	17	090S	170E	4301330506	11880	Federal	OW	P	
PAIUTE FED 11-17	17	090S	170E	4301330516	11880	Federal	WI	A	
FEDERAL D M D 17-1	17	090S	170E	4301330689	11880	Federal	OW	S	
MONUMENT FED 21-17	17	090S	170E	4301331387	11880	Federal	OW	P	
FEDERAL 1-18	18	090S	170E	4301330332	11880	Federal	OW	TA	
POMCO 2	18	090S	170E	4301330505	11880	Federal	WI	A	

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
- Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
- If **NO**, the operator was contacted on:

6a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

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 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: na/

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: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

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:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML-45431

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
BELUGA UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
MON 11-16-9-17B

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301330616

3. ADDRESS OF OPERATOR:
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER
435.646.3721

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 660 FNL 659 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWNW, 16, T9S, R17E

STATE: UT

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 _____	<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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>08/23/2006</u>	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input 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 FLAIR
	<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/STOP)	<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 checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well was recompleted in the Green River Formation. Two new intervals were perforated. The CP1 sds 5372'-5379' with 4 JSPF, CP1 sds 5383'-5391' 4 JSPF. One existing intervals was re-perforated. The C sds 4672'-4680' 4 JSPF. For a total of 92 shots.

On 8/11/06 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 8/29/06. On 8/29/06 the csg was pressured up to 1190 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 700 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20798-04308 API# 43-013-30616

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

NAME (PLEASE PRINT) Callie Duncan

TITLE Production Clerk

SIGNATURE *Callie Duncan*

DATE 09/05/2006

(This space for State use only)

RECEIVED
SEP 11 2006

DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 8/29/06
 Test conducted by: Trefley Raza
 Others present: _____

Well Name: <u>Monument State 11-16-9-17</u>		Type: ER SWD	Status: AC TA UC
Field: <u>Beluga Unit</u>			
Location: _____	Sec: <u>16 T 9 N (S) R 17 (E) W</u>	County: <u>Duchesne</u> State: <u>UT</u>	
Operator: <u>Newfield</u>			
Last MIT: <u>1/1</u>		Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

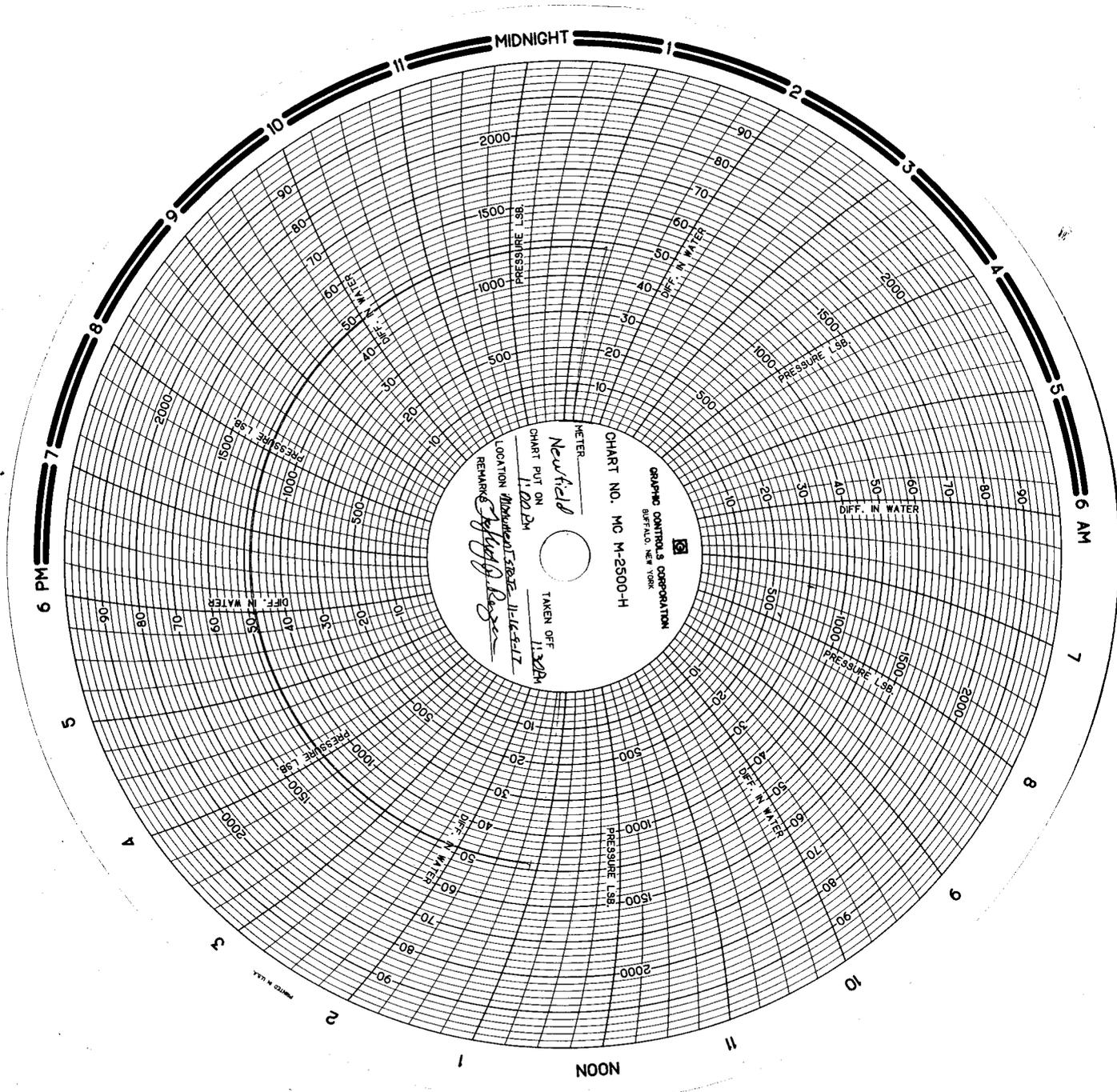
MIT DATA TABLE	Test #1		Test #2		Test #3	
TUBING	PRESSURE					
Initial Pressure	<u>700</u>	psig		psig		psig
End of test pressure	<u>700</u>	psig		psig		psig
CASING / TUBING	ANNULUS		PRESSURE			
0 minutes	<u>1190</u>	psig		psig		psig
5 minutes	<u>1190</u>	psig		psig		psig
10 minutes	<u>1190</u>	psig		psig		psig
15 minutes	<u>1190</u>	psig		psig		psig
20 minutes	<u>1190</u>	psig		psig		psig
25 minutes	<u>1190</u>	psig		psig		psig
30 minutes	<u>1190</u>	psig		psig		psig
_____ minutes		psig		psig		psig
_____ minutes		psig		psig		psig
RESULT	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? Yes No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



11 MIDNIGHT 1

2

3

4

5

6 AM

7

8

9

10

11

NOON

1

2

3

4

5

6 PM

7

8

9

10

11

12

1300

1500

1000

500

2000

1500

1000

500

2000

1500

1000

500

PSI
PRESSURE LBS

INCHES
DIFF. IN WATER

PSI
PRESSURE LBS

INCHES
DIFF. IN WATER

PSI
PRESSURE LBS

INCHES
DIFF. IN WATER

METER
Newfield
CHART NO. MC M-2500-H
GRAPHIC CONTROLS CORPORATION
BRIDGE PLAZA, NEW YORK

TAKEN OFF
11:32 PM

CHART PUT ON
1:02 PM

LOCATION
WATERMAIN 5832 11-16-5-17

REMARKS
By [Signature]

PRINTED IN U.S.A.

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

5. LEASE DESIGNATION AND SERIAL NUMBER:

USA UTU-45431

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, recenter 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:

BELUGA UNIT

1. TYPE OF WELL:

OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:

MON ST 11-16-9-17B

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:

4301330616

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER

435.646.3721

10. FIELD AND POOL, OR WILDCAT:

MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 660 FNL 659 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWNW, 16, T9S, R17E

STATE: UT

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 _____	<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 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 FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 08/15/2008	<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/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - squeeze
	<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.

On the above subject well theanguard squeeze was pressurized and held.

On 07/14/08 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 08-04-08. On 08-04-08 the csg was pressured up to 1660 psig and charted for 30 minutes with no pressure loss. The well was not injected during the test. The tbg pressure was 1390 psig during the test. There was not an EPA representative available to witness the test.

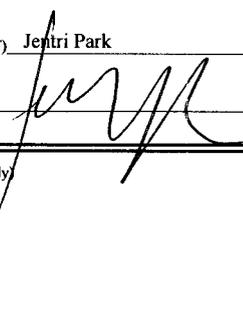
EPA# UT 20798-04309

API# 43-013-30616

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

NAME (PLEASE PRINT) Jeftri Park

TITLE Production Tech

SIGNATURE 

DATE 08/15/2008

(This space for State use only)

RECEIVED
AUG 18 2008
DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 8 14 108
 Test conducted by: Tiffany J. Raza
 Others present: _____

Well Name: <u>MON. STATE 11-16-9-17B</u>	Type: ER SWD	Status: AC TA UC
Field: <u>MONUMENT BUTTE</u>		
Location: <u>NW/NE</u> Sec: <u>16</u> T <u>9</u> N <u>(S)</u> R <u>17</u> <u>(E)</u> W	County: <u>Duchesne</u>	State: <u>UT</u>
Operator: <u>Newfield</u>		
Last MIT: <u> / / </u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

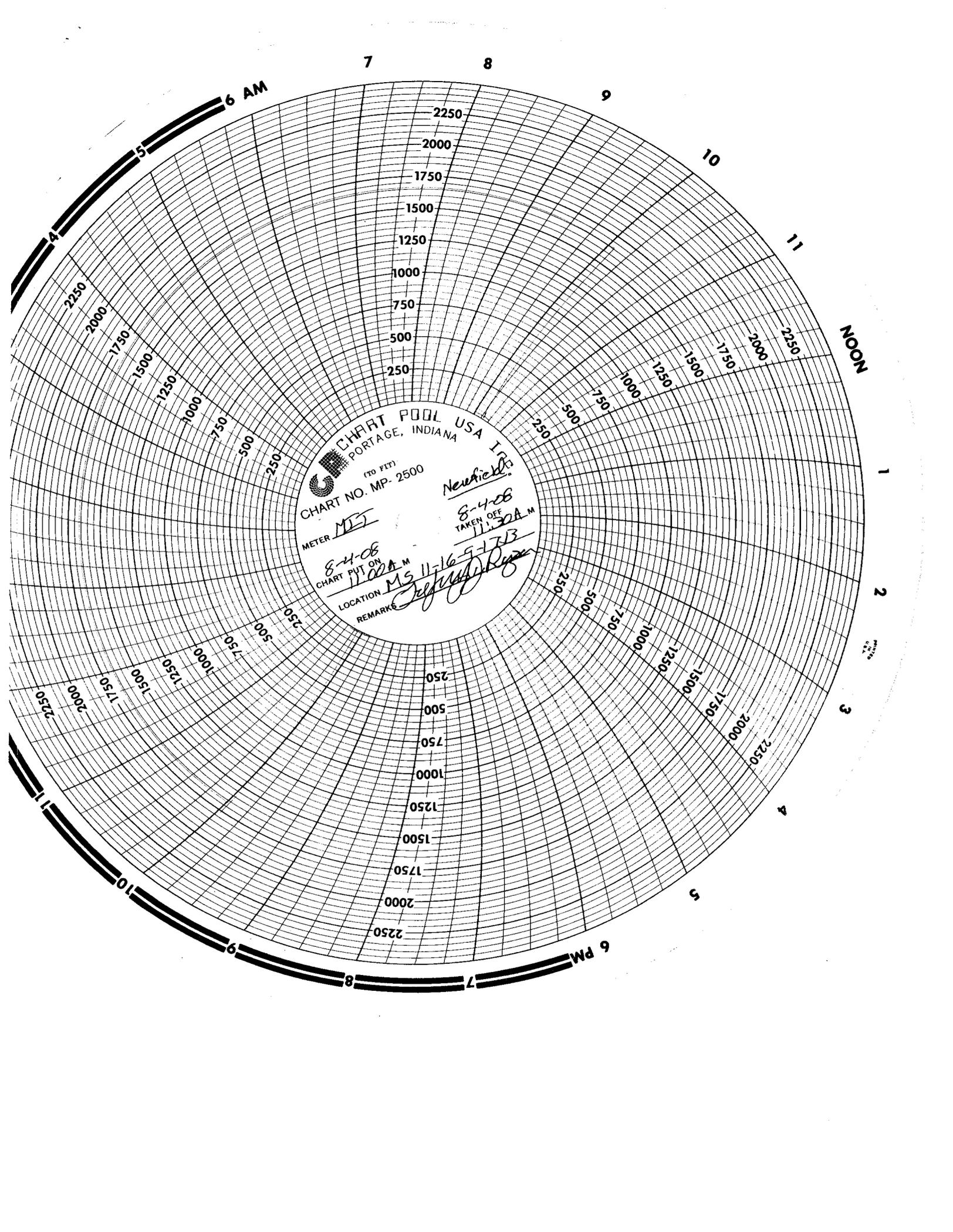
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1390</u> psig	psig	psig
End of test pressure	<u>1390</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1660</u> psig	psig	psig
5 minutes	<u>1660</u> psig	psig	psig
10 minutes	<u>1660</u> psig	psig	psig
15 minutes	<u>1660</u> psig	psig	psig
20 minutes	<u>1660</u> psig	psig	psig
25 minutes	<u>1660</u> psig	psig	psig
30 minutes	<u>1660</u> psig	psig	psig
_____ minutes	_____ psig	psig	psig
_____ minutes	_____ psig	psig	psig
RESULT	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? Yes No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTAH STATE ML-45431

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
BELUGA UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
MON ST 11-16-9-17B

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301330616

3. ADDRESS OF OPERATOR:
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER
435.646.3721

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 660 FNL 659 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW, 16, T9S, R17E

STATE: UT

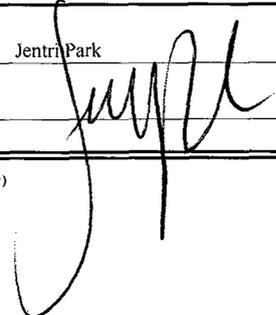
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<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"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input 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 FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 09/03/2009	<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/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - One Year MIT
	<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.

On 08/25/09 Nathan Wiser with the EPA was contacted concerning the 1 year MIT on the above listed well. Permission was given at that time to perform the test on 08/26/09. On 08/26/09 the casing was pressured up to 1290 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tubing pressure was 200 psig during the test. There was not an EPA representative available to witness the test. EPA# UT 20798-04309 API# 43-013-30616

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

NAME (PLEASE PRINT) Jentri Park TITLE Production Tech
SIGNATURE  DATE 09/03/2009

(This space for State use only)

RECEIVED
SEP 09 2009
DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 8 / 26 / 09

Test conducted by: Joe Pippy

Others present: _____

Well Name: <u>Monument State 11-16-9-17B</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>11-16-9-17B</u> Sec: <u>16</u> T <u>9</u> N <u>(S)</u> R <u>17</u> <u>(E)</u> W	County: <u>Duchesne</u>	State: <u>UT</u>
Operator: <u>NewField</u>		
Last MIT: _____ / _____ / _____	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>200</u> psig	psig	psig
End of test pressure	<u>200</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1290</u> psig	psig	psig
5 minutes	<u>1290</u> psig	psig	psig
10 minutes	<u>1290</u> psig	psig	psig
15 minutes	<u>1290</u> psig	psig	psig
20 minutes	<u>1290</u> psig	psig	psig
25 minutes	<u>1290</u> psig	psig	psig
30 minutes	<u>1290</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? Yes No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

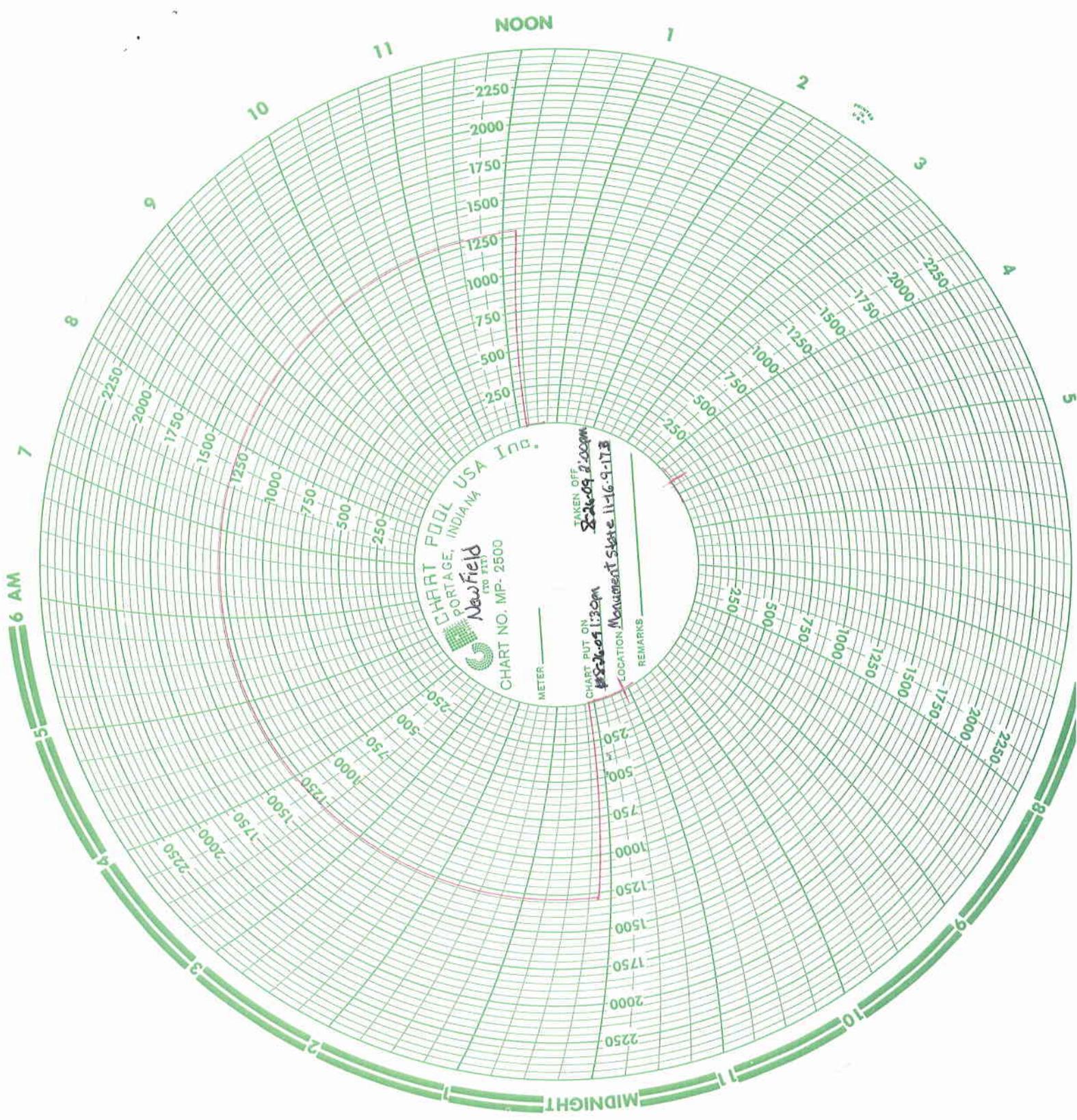


CHART POOL USA Inc.
PORTAGE, INDIANA
NewField
ESTD 1977
CHART NO. MP-2500

CHART PUT ON
#882601130m

TAKEN OFF
8-26-09 2:00pm

LOCATION
Management State 11-16-9-17B

METER

REMARKS

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTAH STATE ML-45431

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE 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.

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
MON ST 11-16-9-17B

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301330616

3. ADDRESS OF OPERATOR:
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER
435.646.3721

10. FIELD AND POOL, OR WILDCAT:
GREATER MB UNIT

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 660 FNL 659 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW, 16, T9S, R17E

STATE: UT

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	<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"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input 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 FLAIR
<input checked="" 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
10/19/2010	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - 1 YR MIT
	<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.

On 10/12/2010 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. On 10/19/2010 the csg was pressured up to 1290 psig and charted for 30 minute with no pressure loss. The well was injecting during the test. The tbg pressure was 1755 psig during the test. There was not an EPA representative available to witness the test.

EPA #UT20798-04309 API# 43-013-30616

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

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant

SIGNATURE  DATE 10/19/2010

(This space for State use only)

RECEIVED

OCT 25 2010

DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 10/19/2010

Test conducted by: Austin Harrier

Others present: _____

Well Name: <u>Monument State 11-16-9-17b</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>11</u> Sec: <u>16 T 9 N 17 E W</u> County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>Newfield Production</u>		
Last MIT: <u>1/1/</u>	Maximum Allowable Pressure: <u>1855</u>	PSIG

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: 40 bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1755</u> psig	psig	psig
End of test pressure	<u>1755</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1290</u> psig	psig	psig
5 minutes	<u>1290</u> psig	psig	psig
10 minutes	<u>1290</u> psig	psig	psig
15 minutes	<u>1290</u> psig	psig	psig
20 minutes	<u>1290</u> psig	psig	psig
25 minutes	<u>1290</u> psig	psig	psig
30 minutes	<u>1290</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? Yes No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

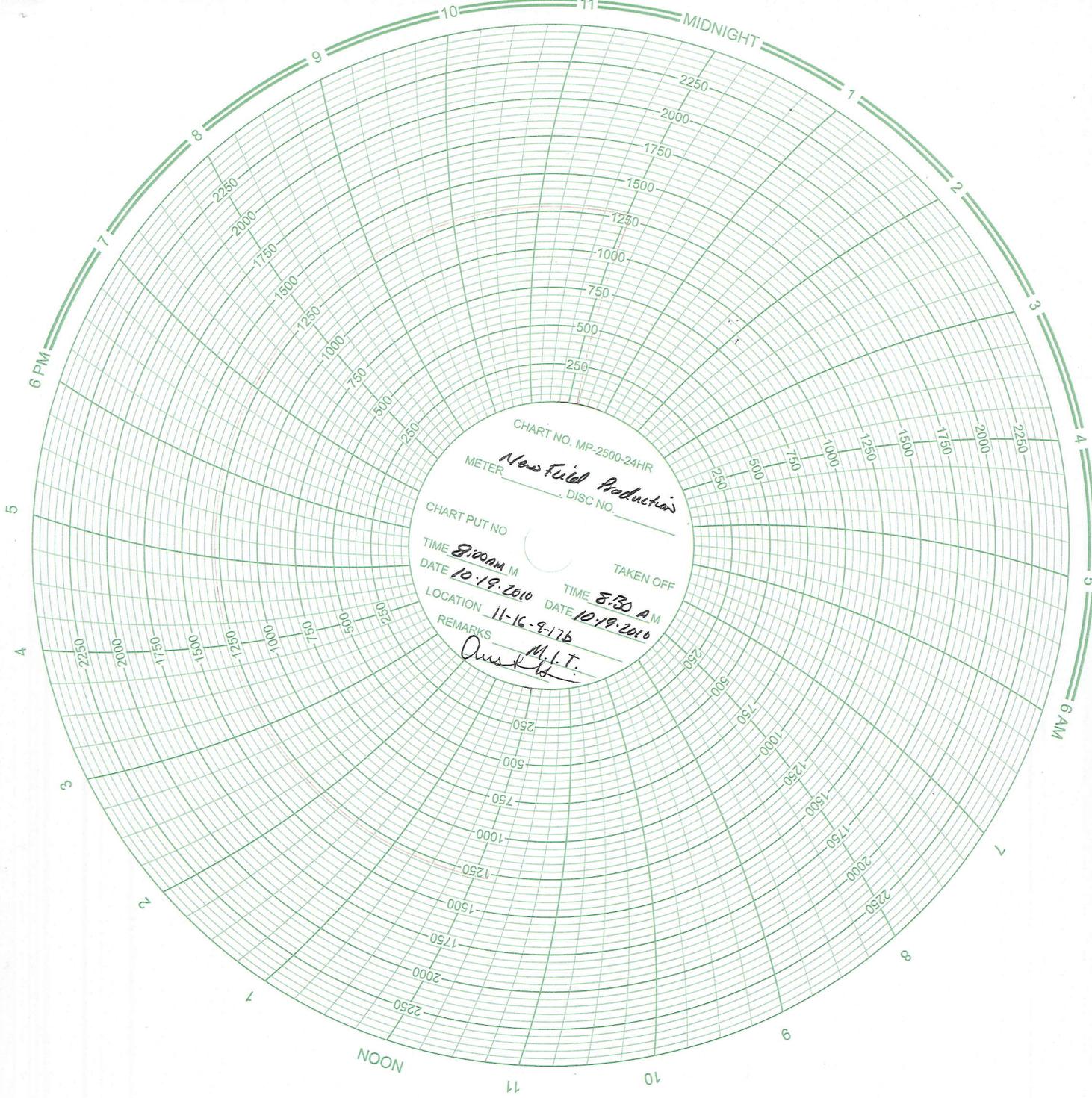


CHART NO. MP-2500-24HR
METER New Field Production DISC NO. _____
CHART PUT NO _____
TIME 8:00 AM M TAKEN OFF _____
DATE 10-19-2010 DATE 10-19-2010
LOCATION 11-16-9-17b
REMARKS M.I.T.
Quartz

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-21844
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:
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: MON ST 11-16-9-17B
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013306160000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 0659 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 16 Township: 09.0S Range: 17.0E Meridian: S		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		COUNTY: DUCHESNE
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		STATE: UTAH
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/14/2011	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input style="width: 50px;" type="text" value="1 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. On 09/14/2011 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. On 10/14/2011 the csg was pressured up to 1145 psig and charted for 30 minute with no pressure loss. The well was not injecting during the test. The tbg pressure was 1794 psig during the test. There was not an EPA representative available to witness the test. EPA Oil, Gas and Mining #UT20798-04309		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/18/2011	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 10/14/11
 Test conducted by: Syr Monson
 Others present: _____

Well Name: <u>Monument State 11-16-9-17B</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>NW/NE</u> Sec: <u>16</u> T <u>9</u> N <u>18</u> R <u>17E</u> W	County: <u>Duchesne</u>	State: <u>Ut</u>
Operator: <u>New Field</u>		
Last MIT: <u>1/1</u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

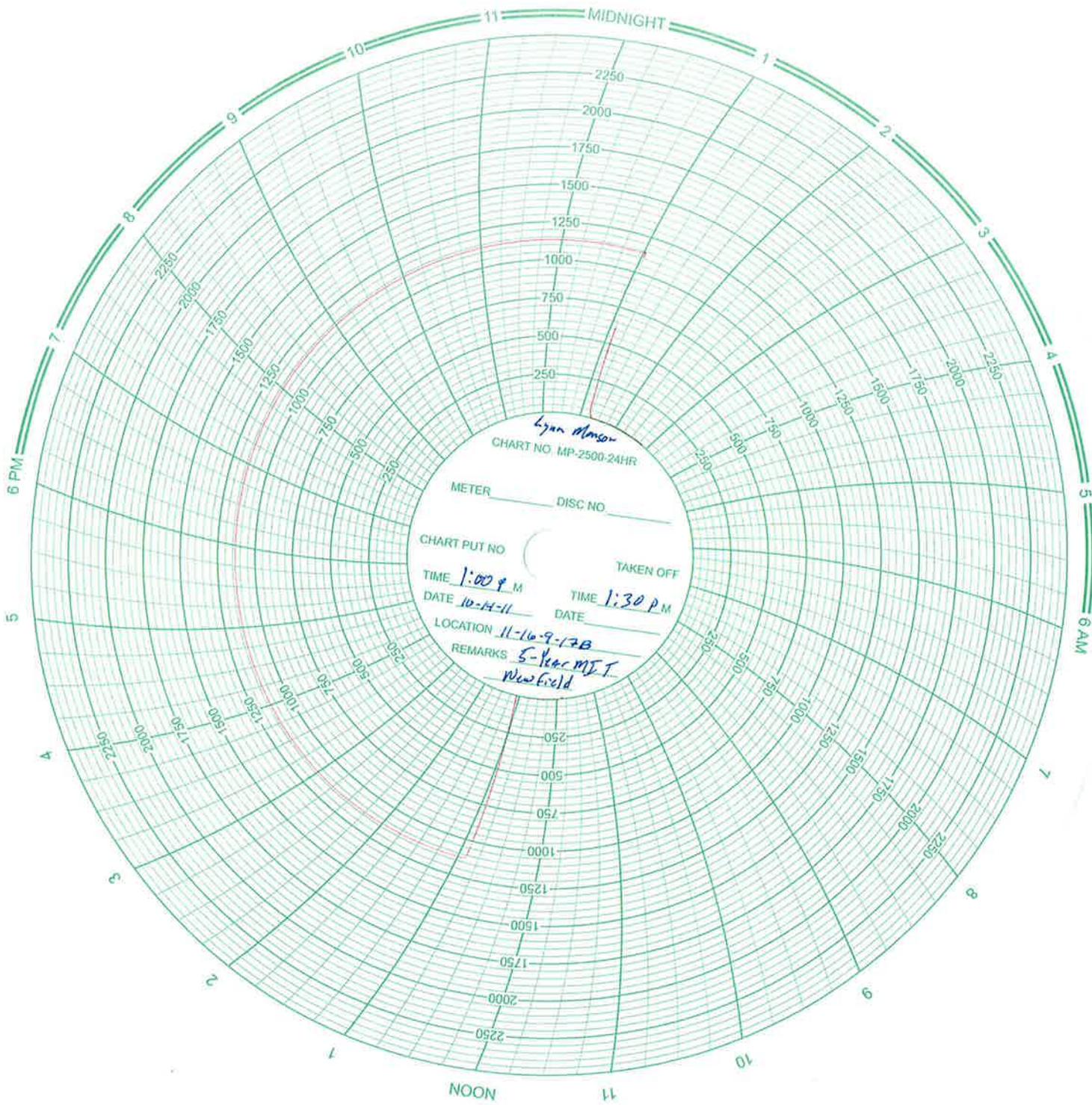
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1794</u> psig	psig	psig
End of test pressure	<u>1794</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1145</u> psig	psig	psig
5 minutes	<u>1145</u> psig	psig	psig
10 minutes	<u>1145</u> psig	psig	psig
15 minutes	<u>1145</u> psig	psig	psig
20 minutes	<u>1145</u> psig	psig	psig
25 minutes	<u>1145</u> psig	psig	psig
30 minutes	<u>1145</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? Yes No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER: ML-21844
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: MON ST 11-16-9-17B
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013306160000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 0659 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 16 Township: 09.0S Range: 17.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/10/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input style="width: 50px;" type="text" value="1 YR MIT"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 09/06/2012 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. On 09/10/2012 the csg was pressured up to 1025 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1745 psig during the test. There was not an EPA representative available to witness the test. EPA #UT20798-04309

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 September 13, 2012

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/11/2012	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 9, 10, 2012
 Test conducted by: Cody Marx
 Others present: _____

Well Name: <u>Mon. St. 1146-9-17B</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>NW/NW</u> Sec: <u>16</u> T <u>9</u> N/ <u>S</u> R <u>17</u> <u>E</u> /W	County: <u>Duchesne</u>	State: <u>Ut.</u>
Operator: <u>Cody Marx</u>		
Last MIT: <u>/ /</u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? Yes [] No
 Initial test for permit? [] Yes No
 Test after well rework? [] Yes No
 Well injecting during test? [] Yes No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 1025 psig

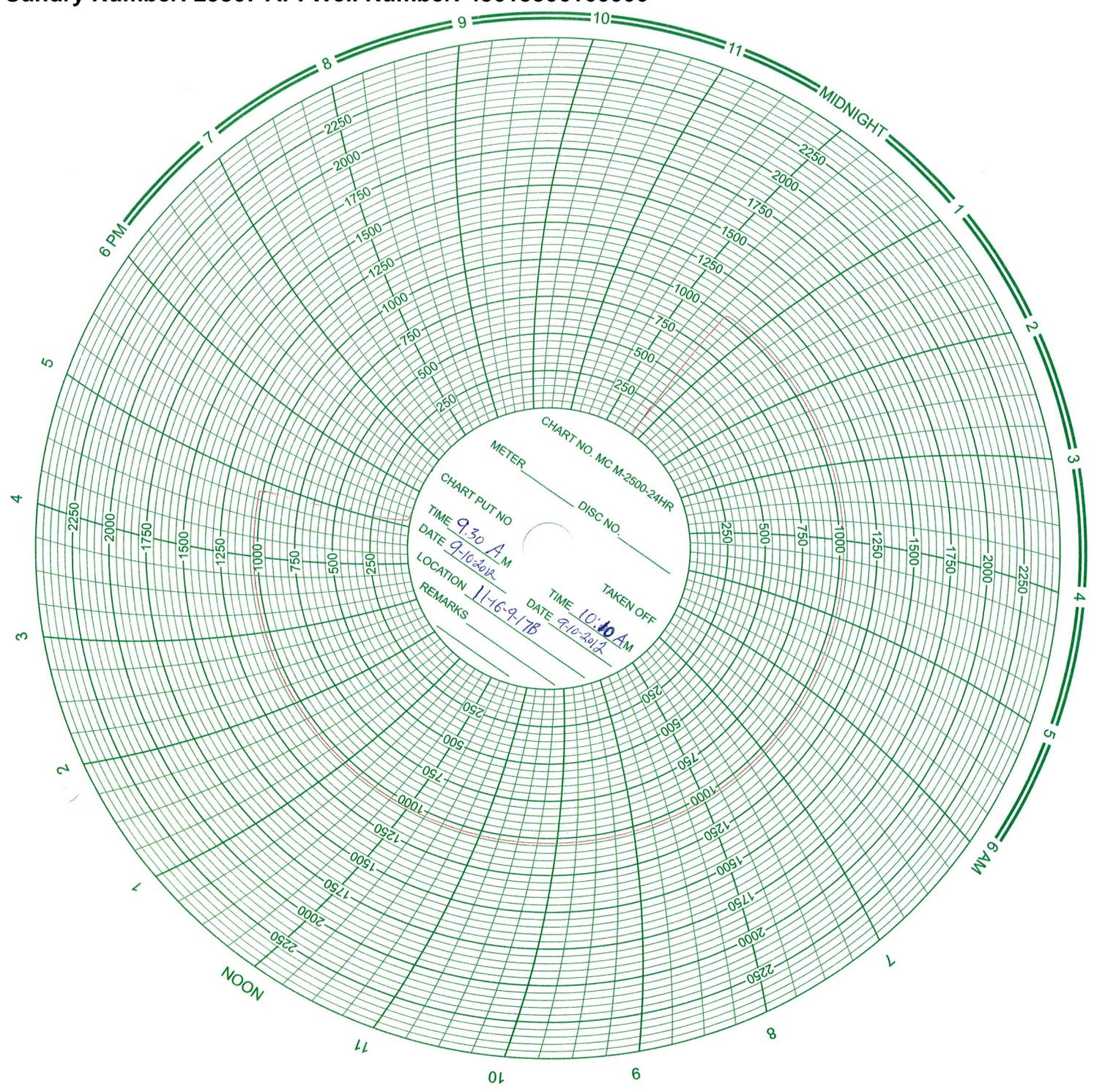
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1745</u> psig	psig	psig
End of test pressure	<u>1745</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1025</u> psig	psig	psig
5 minutes	<u>1025</u> psig	psig	psig
10 minutes	<u>1025</u> psig	psig	psig
15 minutes	<u>1025</u> psig	psig	psig
20 minutes	<u>1025</u> psig	psig	psig
25 minutes	<u>1025</u> psig	psig	psig
30 minutes	<u>1025</u> psig	psig	psig
<u>40</u> minutes	<u>1025</u> psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass [] Fail	[] Pass [] Fail	[] Pass [] Fail

Does the annulus pressure build back up after the test? [] Yes [] No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-21844
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: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: MON ST 11-16-9-17B	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013306160000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 0659 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 16 Township: 09.0S Range: 17.0E Meridian: S	COUNTY: DUCHESNE	
	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: 8/15/2013 <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 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 checked="" type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="1 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
1 YR MIT performed on the above listed well. On 08/15/2013 the casing was pressured up to 1295 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbq pressure was 1505 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04309		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 21, 2013
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 8/19/2013	

Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 8 115 12013
 Test conducted by: Shannon Lazenby
 Others present: _____

Well Name: <u>MON. ST. 11-16-9-17B</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Greater Monument Butte</u>		
Location: <u>11-16-9-17B</u> Sec: <u>16</u> T <u>9</u> N/S R <u>17</u> E/W County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>Shannon Lazenby</u>		
Last MIT: <u>1 1</u>	Maximum Allowable Pressure: <u>1595</u>	PSIG

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: 15 bpd

Pre-test casing/tubing annulus pressure: 0 / 1505 psig

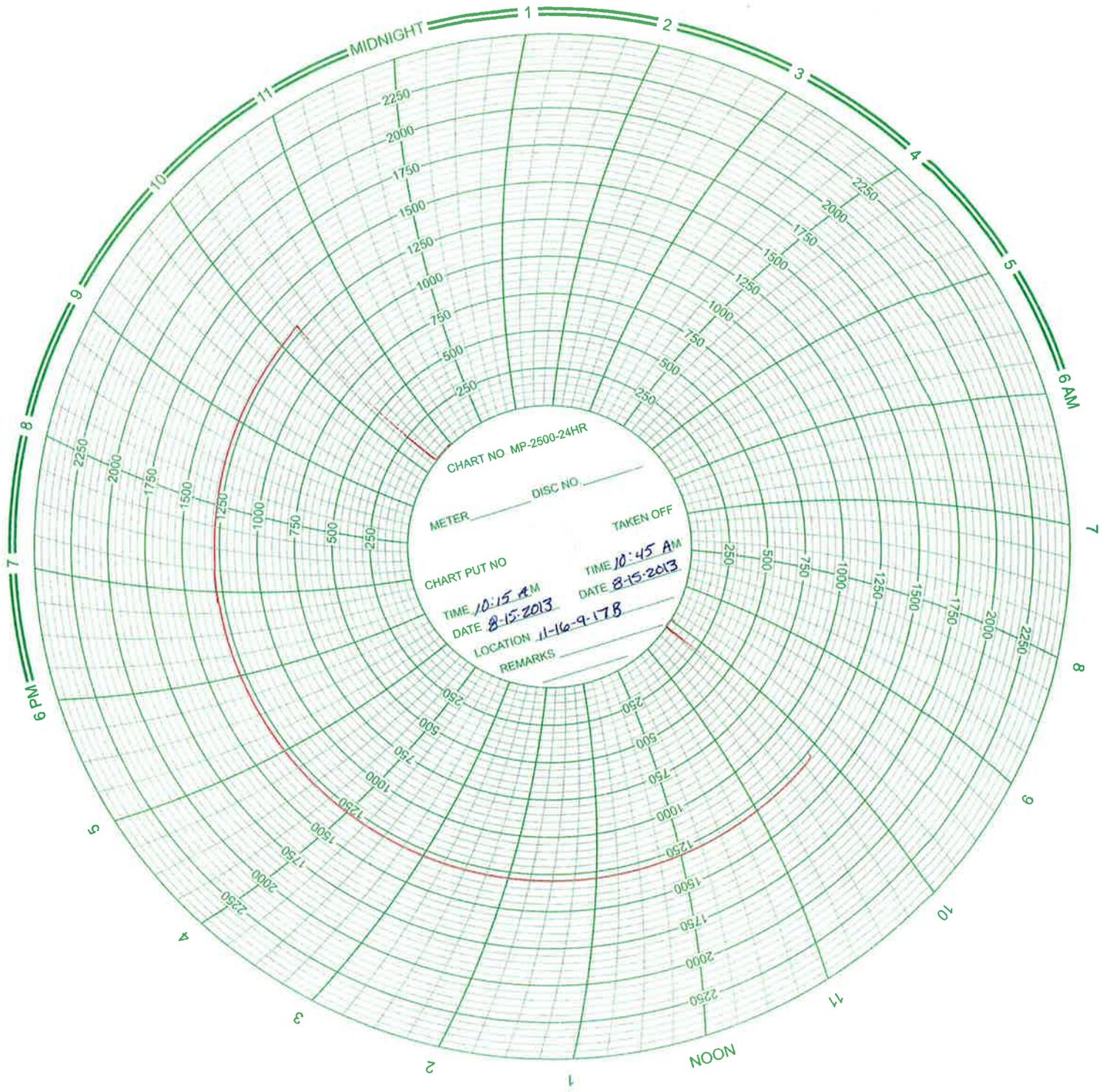
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1505</u> psig	psig	psig
End of test pressure	<u>1505</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1295</u> psig	psig	psig
5 minutes	<u>1295</u> psig	psig	psig
10 minutes	<u>1295</u> psig	psig	psig
15 minutes	<u>1295</u> psig	psig	psig
20 minutes	<u>1295</u> psig	psig	psig
25 minutes	<u>1295</u> psig	psig	psig
30 minutes	<u>1295</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? Yes No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-21844
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: MON ST 11-16-9-17B
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013306160000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 0659 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 16 Township: 09.0S Range: 17.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/14/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="1 YR MIT"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

1 YR MIT performed on the above listed well. On 07/14/2014 the casing was pressured up to 1681 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbq pressure was 1349 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04309

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
August 19, 2014**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 7/25/2014	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 7 11 14 / 1 14

Test conducted by: Brendan Curry

Others present: _____

Well Name: <u>Monument 11-16-9-17B</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Greater Monument Butte</u>		
Location: <u>11</u> Sec: <u>16</u> T: <u>9</u> N: <u>15</u> R: <u>17</u> E/W	County: <u>Duchesne</u>	State: <u>UT</u>
Operator: _____		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0/1349 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1349</u> psig	psig	psig
End of test pressure	<u>1349</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1693</u> psig	psig	psig
5 minutes	<u>1691</u> psig	psig	psig
10 minutes	<u>1689</u> psig	psig	psig
15 minutes	<u>1686</u> psig	psig	psig
20 minutes	<u>1684</u> psig	psig	psig
25 minutes	<u>1683</u> psig	psig	psig
30 minutes	<u>1681</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

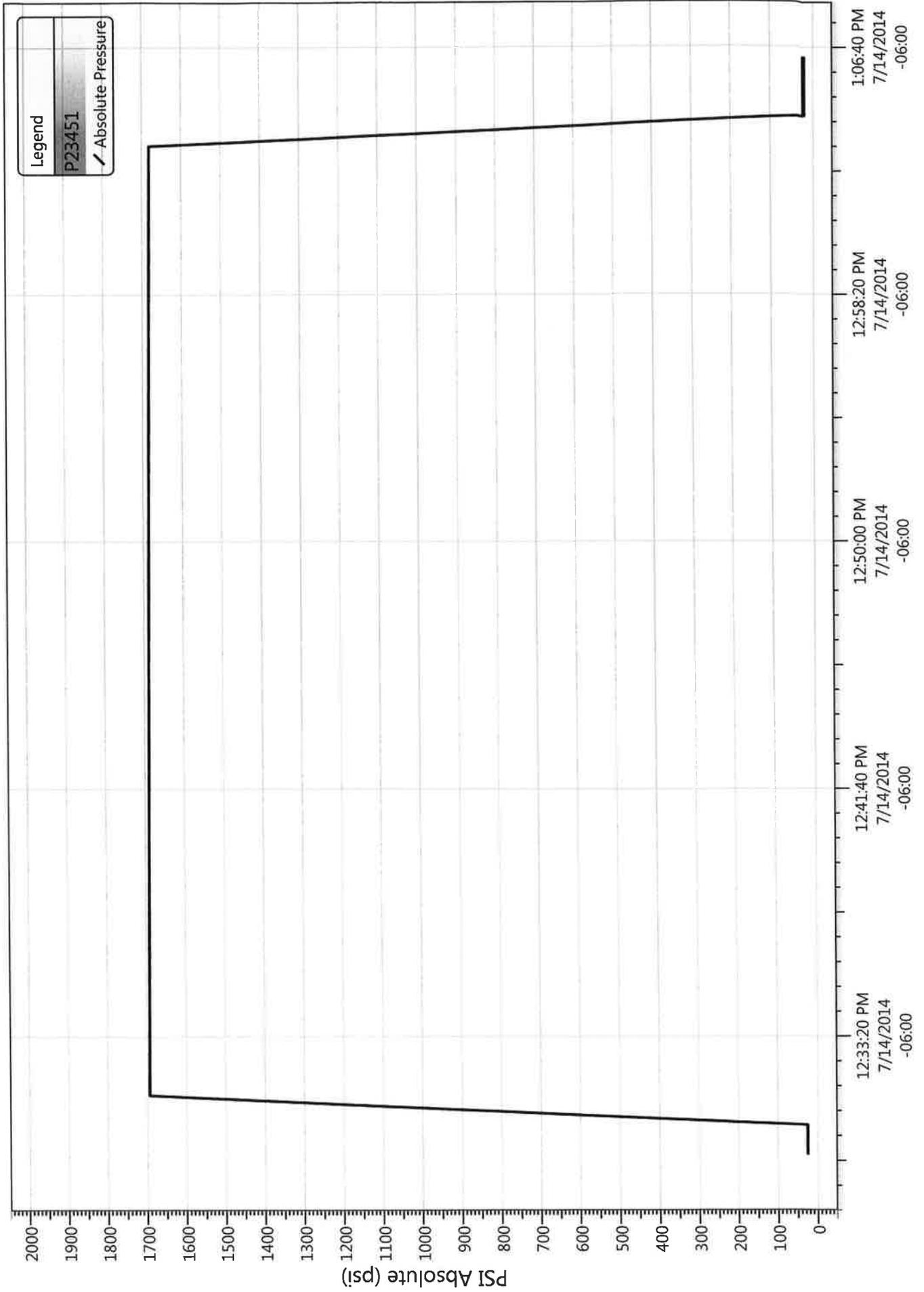
Does the annulus pressure build back up after the test? Yes No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

State NGC 11-16-9-17 2 Year MIT
7/14/2014 12:28:55 PM



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-21844
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE 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.		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: MON ST 11-16-9-17B
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013306160000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 0659 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 16 Township: 09.0S Range: 17.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/16/2015	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="5 YR MIT"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

1 YR MIT performed on the above listed well. On 06/16/2015 the casing was pressured up to 1021 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1340 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04309

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
July 01, 2015**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 6/17/2015	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 6/16/15
 Test conducted by: Riley Bagley
 Others present: _____

Well Name: <u>Monument State</u>	Type: ER SWD	Status: AC TA UC	-04309
Field: <u>Monument Butte</u>			
Location: <u>11</u> Sec: <u>16B T 9 N/S R 17 E/W</u> County: <u>Duchone</u> State: <u>UT</u>			
Operator: <u>NEWFIELD EXPLORATION</u>			
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: <u>1403</u>	PSIG	

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 / 1343 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1343</u> psig	psig	psig
End of test pressure	<u>1340</u> psig	psig	psig
CASING/TUBING ANNULUS PRESSURE			
0 minutes	<u>1023</u> psig	psig	psig
5 minutes	<u>1022</u> psig	psig	psig
10 minutes	<u>1022</u> psig	psig	psig
15 minutes	<u>1022</u> psig	psig	psig
20 minutes	<u>1022</u> psig	psig	psig
25 minutes	<u>1021</u> psig	psig	psig
30 minutes	<u>1021</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

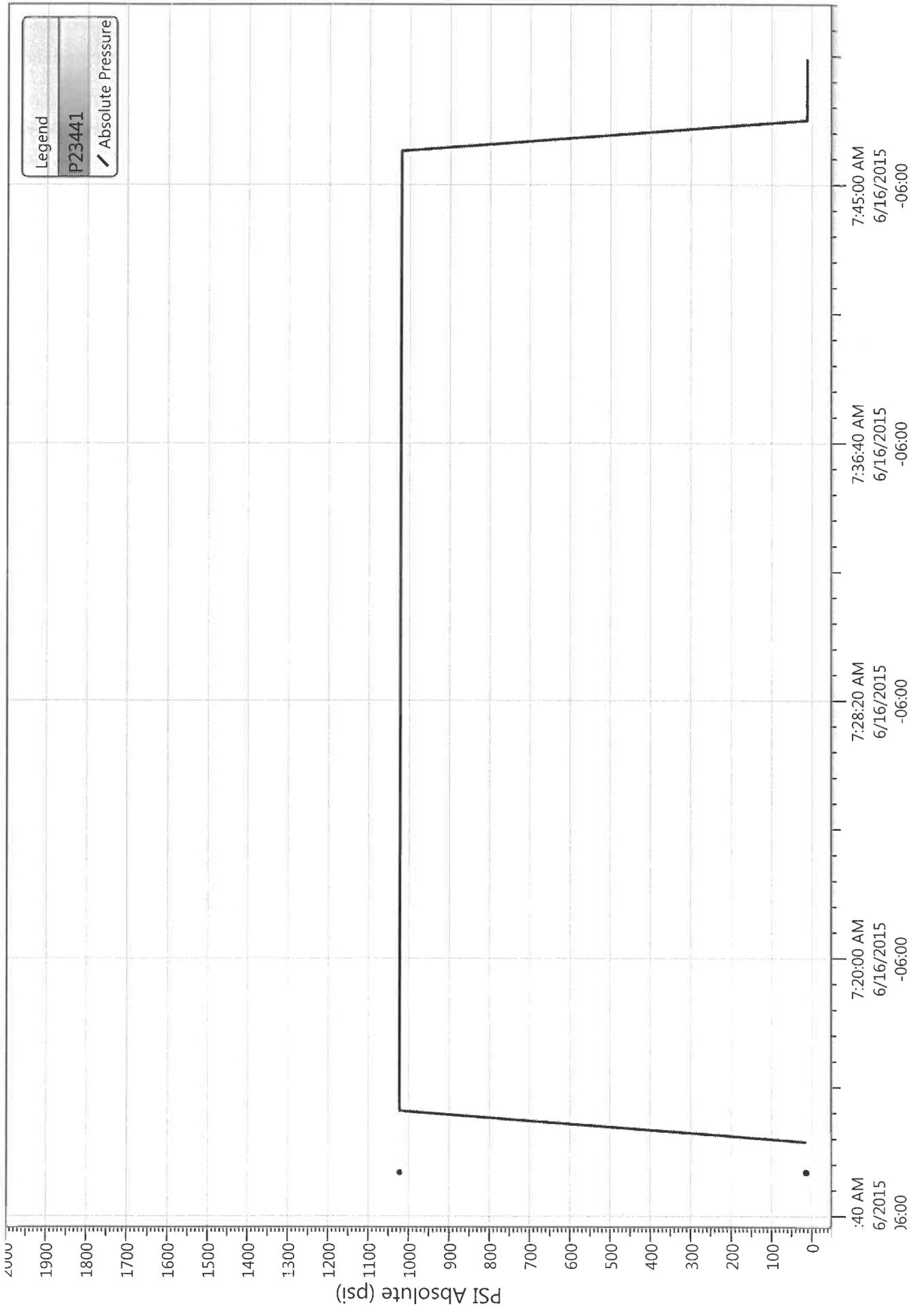
Does the annulus pressure build back up after the test? Yes No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

Monument State 11 16B 9 17 (5 year MIT 6/16/15)
6/16/2015 7:12:11 AM



Spud Date: 11/24/81
 Completion Date: 3/8/82
 Put on Injection: 12/1/96
 GL: 5310' KB: 5322' KB (12' KB)

Monument State 11-16-9-17B

Initial Production: 550 BO,
 0 MCFG, 0 BWPD

Injection Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH: 8 jts (324')
 DEPTH LANDED: 326' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 240 sxs cement. Cement to surface

PRODUCTION CASING

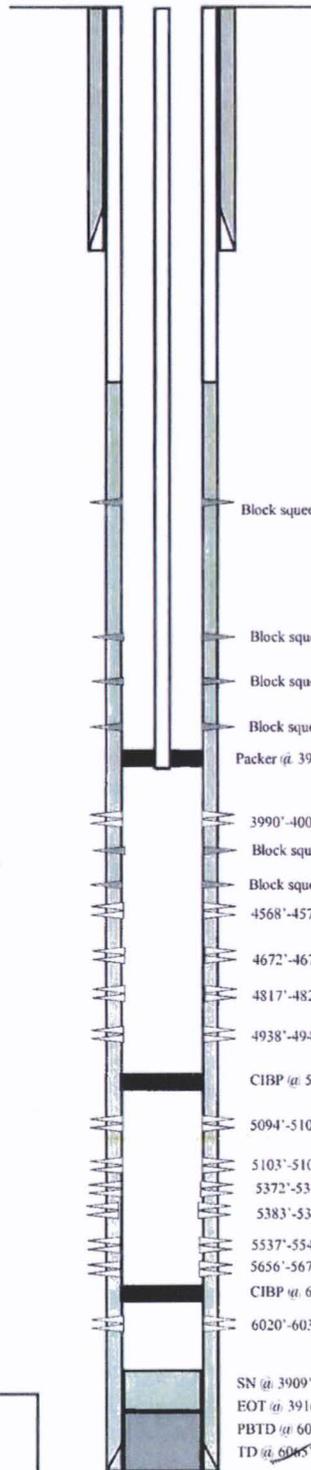
CSG SIZE: 4-1/2"
 GRADE: J-55
 WEIGHT: 11.6#
 LENGTH: 149 jts (6106.99')
 DEPTH LANDED: 6104' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 400 sxs

CEMENT TOP AT: 2640' per CBL

Tubing Record

SIZE/GRADE/WT.: 2-3/8" / J-55 / 4.7#
 NO. OF JOINTS: 124 Jts (3897.55')
 SEATING NIPPLE: 2-3/8"x1.10'
 ARROW SET 1 PACKER: 2-3/8"x4-1/2"x5.70'
 PACKER LANDED AT: 3913.75' KB
 PKR Set W/ 12"(1000#) Tension
 EOT 3916.35'

MIT RECORD: 11/13/96 Witnessed by Dan Jarvis w/ the Utah
 Oil & Gas Commission. Press. to 1080 psi for
 1 hour.



FRAC JOB

- 1/26/82 5537'-5671' **Frac zone as follows:**
 116,000# 20/40 sand in 1488 bbl diesel
 frac fluid. Avg. treating press. 2800 psi @
 21.6 BPM, ISIP 1980 psi. Calc. flush:
 3614 gal. Actual flush: 4500 gal.
- 2/08/82 5094'-5109' **Frac zone as follows:**
 56,000# 20/40 sand in 880 bbl diesel
 frac fluid. Avg. treating press. 2700 psi @
 20 BPM, ISIP 2620 psi. Calc. flush:
 3325 gal. Actual flush: 3320 gal.
- 9/18/82 4938'-4942' **Frac zone as follows:**
 86,000# 20/40 sand in 840 bbl 3% KCl
 frac fluid. Avg. treating press. 2300 psi @
 15 BPM, ISIP 2070 psi. Calc. flush:
 3223 gal. Actual flush: 3300 gal.
- 9/27/82 4568'-4573' **Frac zone as follows:**
 141,000# 20/40 sand in 786 bbl 3% KCl
 frac fluid. Avg. treating press. 3600 psi @
 30 BPM, ISIP 2420 psi. Calc. flush:
 2982 gal. Actual flush: 3000 gal.
- 9/18/96 4817'-4820' **Frac zone as follows:**
 Tight zone. Would not frac.
- 9/18/96 3990'-4004' **Frac zone as follows:**
 6,700# 16/30 sand in 104 bbl 2% KCl
 frac fluid. Avg. treating press. 4250 psi @
 9.5 BPM, ISIP 2250 psi.
- 8/18/06 5372'-5391' **Frac CP1 sds as follows:**
 19,677# 20/40 sand in 207 bbls of
 Lightening 17 frac fluid. Perfs broke @
 3900 psi. Treated @ avg pressure of
 3722 w/avg rate of 9.8 bpm w/6# sand.
 ISIP @ 1900 psi
- 8/18/06 **Re-perf C sds as follows:**
 20,006# 20/40 sand in 198 bbls of
 lightening 17 frac fluid. Perfs broke @
 2972 psi. Treated @ avg pressure of
 5246 w/avg rate of 13.8 bpm w/6# sand.
 ISIP @ 2980 psi.
- 5-18-07 **Workover:**
- 08-04-08 **MIT**

PERFORATION RECORD

Date	Depth Range	Tool	Holes
1/13/82	6020'-6031'	3 JSPF	33 holes
1/21/82	5656'-5671'	3 JSPF	15 holes
1/21/82	5537'-5548'	3 JSPF	33 holes
2/02/82	5094'-5100'	3 JSPF	18 holes
2/02/82	5103'-5109'	3 JSPF	21 holes
9/18/82	4938'-4942'	3 JSPF	13 holes
9/26/82	4568'-4573'	1 JSPF	06 holes
9/26/82	4672'-4677'	4 JSPF	32 holes
9/18/96	4817'-4820'	4 JSPF	12 holes
9/18/96	3990'-4004'	4 JSPF	56 holes
8/18/06	5372'-5379'	4 JSPF	28 holes
8/18/06	5383'-5391'	4 JSPF	32 holes

SN @ 3909' KB
 EOT @ 3916' KB
 PBTD @ 6010'
 TD @ 6065' KB

6105

NEWFIELD

Monument State 11-16-9-17B
 660' FNL & 659' FWL
 NW NW Section 16-T9S-R17E
 Duchesne Co, Utah
 API #43-013-30616; Lease #ML-45431

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-21844
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: MON ST 11-16-9-17B
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013306160000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 0659 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 16 Township: 09.0S Range: 17.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/13/2016	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="1 YR MIT"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

1 YR MIT performed on the above listed well. On 05/13/2016 the casing was pressured up to 1311 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 1025 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04309

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 May 17, 2016**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 5/16/2016	

Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 5 / 13 / 2014
 Test conducted by: EVERETT UNRUH
 Others present: RYAN LINDSAY

Well Name: <u>MONUMENT STATE 11-16-9-178</u> Type: ER SWD Status: AC TA UC		-04309
Field: <u>MONUMENT BUTTE</u>		
Location: <u>NWNW</u> Sec: <u>16</u> T: <u>9</u> N(S) R: <u>17</u> E/W County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>New Field</u>		
Last MIT: <u>1 / 1</u> Maximum Allowable Pressure: <u>1403</u> PSIG		

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: _____ psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	1025 psig	psig	psig
End of test pressure	1025 psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	1314 psig	psig	psig
5 minutes	1313 psig	psig	psig
10 minutes	1313 psig	psig	psig
15 minutes	1313 psig	psig	psig
20 minutes	1312 psig	psig	psig
25 minutes	1311 psig	psig	psig
30 minutes	1311 psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

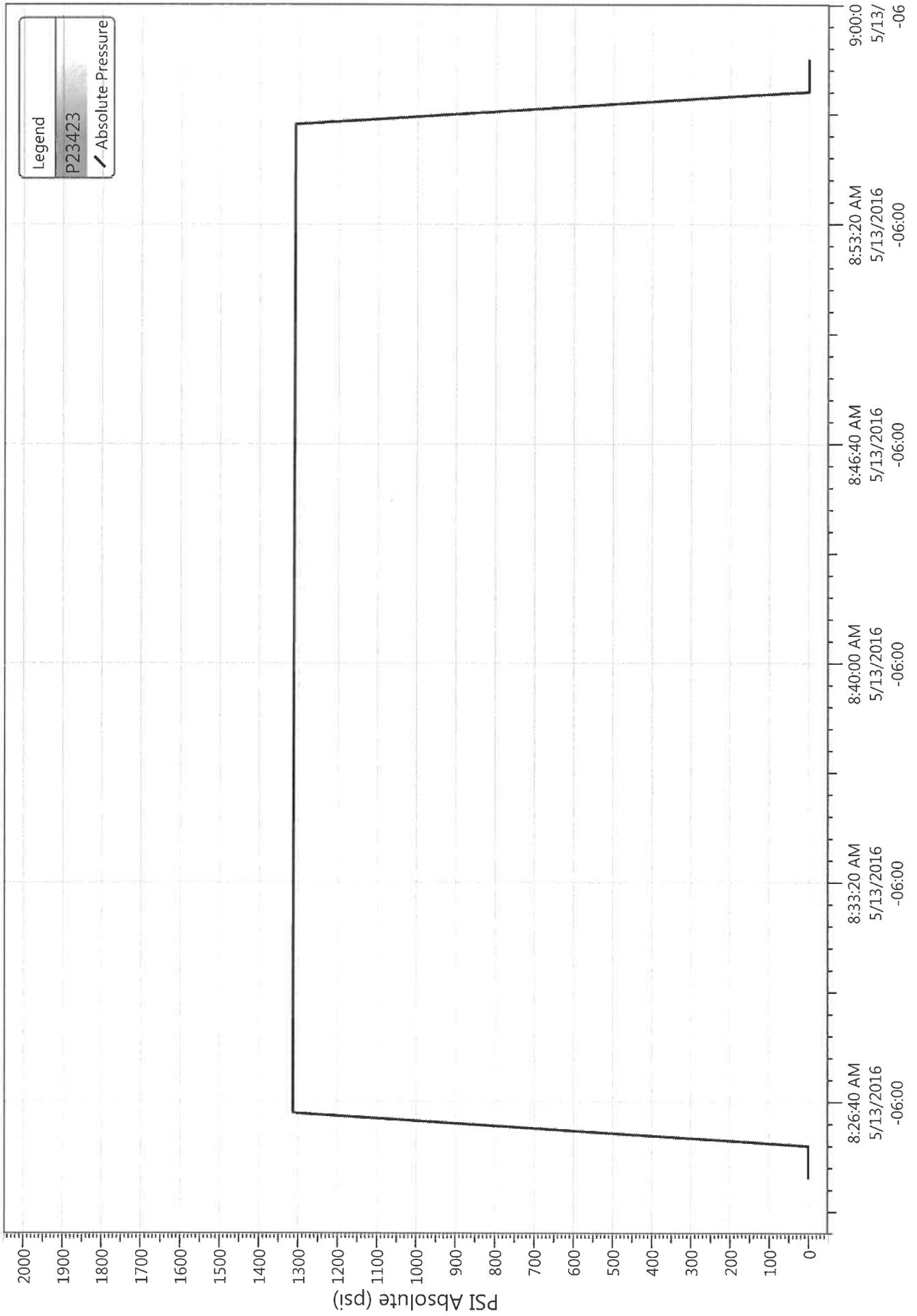
Does the annulus pressure build back up after the test? Yes No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

Monument State 11-16-9-17B (5-13-2016, 5 yr. MIT)
5/13/2016 8:23:26 AM





**EQUITABLE RESOURCES
ENERGY COMPANY**
BALCRON OIL DIVISION

WELL NAME: **State NGC #11-16**
 FIELD: Monument Butte Field (Beluga Unit)
 FEDERAL LEASE NO.: ML - 21844
 LOCATION: NW NW Sec.16 T9S R17E
 FOOTAGE: 660' FNL, 659' FWL
 COUNTY/STATE: Duchesne / Utah
 WORKING INTEREST: 0.91491728
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 3/8/82
 INITIAL PRODUCTION: 550 BO
 OIL/GAS PURCHASER: NA
 PRESENT PROD STATUS: P & A
 ELEVATIONS - GROUND:
 TOTAL DEPTH: 6065' KB

DATE : 11/6/95

API NO.: 43-013-30616

NET REVENUE INTEREST: 0.80471769 Oil
 0.73108274 Gas
 SPUD DATE: 11/24/81
 OIL GRAVITY: 35.7
 BHT:

KB: 5307' KB
 PLUG BACK TD: 6010' KB

SURFACE CASING

STRING: 1
 CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH:
 DEPTH LANDED: 326'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 240 sxs

PRODUCTION CASING

STRING: 1
 CSG SIZE: 4-1/2"
 GRADE: K-55
 WEIGHT: 11.6#
 LENGTH:
 DEPTH LANDED: 6104' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 400 sxs

TUBING RECORD

SIZE/GRADE/WT.: NA
 NO. OF JOINTS:
 TUBING ANCHOR:
 NO. OF JOINTS:
 SEATING NIPPLE:
 PERFORATED SUB:
 MUD ANCHOR:
 TOTAL STRING LENGTH:
 SN LANDED AT:

CEMENT TOP AT:

PERFORATION RECORD

4540'		2 HOLES FOR SQUEEZE
4568' - 4573' R2		6 HOLES
4672' - 4677' R5		
4938' - 4942'	G3	3 SPF 13 HOLES
5094' - 5100' & 5103' - 5109' G6		38 HOLES
5537' - 5548' B3		3 SPF 80 HOLES
5656' - 5671' B4		
6020' - 6030' (?)		31 HOLES

PROPOSED PERFS: (AFTER DRILL OUT)
 3990' - 4004' Y2
 4817' - 4820 GIL

ACID JOB / BREAKDOWN JOB

6020' - 6030' 1500 gal acid

FRAC JOB

5656' - 5671' & 5537' - 5548'	1488 bbls Diesel w/ 116,000# sand
5094' - 5109'	70 bbls Diesel, 810 bbls Diesel w/ 56,000# sand
4938' - 4942'	33,000 gal gel w/ 61,000# 20/40
4568' - 4577'	40,000 gal gel w/ 141,000# 20/40

SUCKER ROD RECORD

POLISHED ROD: NA
 SUCKER RODS:

TOTAL ROD STRING LENGTH:

PUMP SIZE:

PUMP NUMBER:
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE:
 PRIME MOVER:

WELL HAS BEEN CORED

LOGS: DIL-GR, BHC Sonic-GR &
 Caliper & F-log overlay,
 CNL-FDC W/ GR

Note: Proposed to re-enter & convert to injection.

Elev. GR -
Elev. KB - 5307' KB

P & A WELLBORE DIAGRAM

DATE: 11/6/95 vk

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24#
LENGTH:
DEPTH LANDED: 326' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 240 sxs

Cement Plug # 1

P & A PROCEDURE

5/19/90 POH w/ tbg. Set CIBP @ 4470' and perf circulation holes @ 375'. Spot 10 sxs cement on CIBP, displace hole w/ 8.6 ppg poz. mud. Circ cement thru holes @ 375', and fill 4-1/2" & 8-5/8" csg annulus from 375' to surf. Cut off casing & install dryhole marker.

PRODUCTION CASING

CSG SIZE: 4-1/2"
GRADE: K-55
WEIGHT: 11.6#
LENGTH:
DEPTH LANDED: 6104' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 400 sxs

326' KB

375' KB perf circ holes (2 shots)

ACID JOB / BREAKDOWN JOB

6020' - 6030' 1500 gal acid

FRAC JOB

5656' - 5671' & 5537' - 5548' 1488 bbls Diesel w/ 116,000# sand
5094' - 5109' 70 bbls Diesel, 810 bbls Diesel w/ 56,000# sand
4938' - 4942' 33,000 gal gel w/ 61,000# 20/40
4568' - 4577' 40,000 gal gel w/ 141,000# 20/40

TUBING

SIZE/GRADE/WT.: NONE
NO. OF JOINTS:
TUBING ANCHOR:
NO. OF JOINTS:
SEATING NIPPLE:
PERFORATED SUB:
MUD ANCHOR:
STRING LENGTH:
SN LANDED AT:

PROPOSED 1990' - 4004'

4338'

Cement Plug # 1

CIBP @ 4470'

SUCKER RODS

POLISHED ROD: NONE
SUCKER RODS:
STRING LENGTH:
PUMP NUMBER:
PUMP SIZE:
STROKE LENGTH:
PUMP SPEED, SPM:
PUMPING UNIT:
PRIME MOVER:

4568' - 4573'
4672' - 4677'
4938' - 4942'
5094' - 5100
5103' - 5109
5537' - 5548'
5656' - 5671'

PERFORATION RECORD

4540' 2 HOLES FOR SQUEEZE
4568' - 4573' R2 6 HOLES
4672' - 4677' R5
4938' - 4942' G3 3 SPF 13 HOLES
5094' - 5100' & 5103' - 5109' G6 38 HOLES
5537' - 5548' B3 3 SPF 80 HOLES
5656' - 5671' B4
6020' - 6030' (?) 31 HOLES

PROPOSED PERFS: (AFTER DRILL OUT)
3990' - 4004' Y2
4817' - 4820' GIL

LOGS: WELL HAS BEEN CORED
DIL-GR, BHC Sonic-GR & Caliper & F-log overlay,
CNL-FDC W/ GR

PBTD @ 6010' KB
TD @ 6065' KB



NGC #11-16
 NW NW Sec.16 T9S R17E
 660' FNL, 659' FWL
 LEASE #ML - 21844
 Monument Butte Field (Beluga Unit)
 Duchesne / Utah

Elev.GR -
 Elev.KB - 5307' KB

Proposed Injection Wellbore Diagram

DATE : 3/22/96 JZ

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH:
 DEPTH LANDED: 328' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 240 sxs

328' KB

375' perf circ holes

PRODUCTION CASING

CSG SIZE: 4-1/2"
 GRADE: K-55
 WEIGHT: 11.6#
 LENGTH:
 DEPTH LANDED: 6104' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 400 sxs

CEMENT TOP AT:

Uinta Formation Surface to 1450 ft.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: ~3918'
 SEATING NIPPLE: 2-7/8" X 1.1'
 ARROW SET 1 PACKER: 5-1/2" X 4'
 PACKER LANDED AT: 3930' KB

Green River Formation 1450 to 5400 ft.

ARROW SET-1 PACKER
 SET @ 3930' KB

PROPOSED
 3990' - 4004'

PERFORATION RECORD

4540'	2 HOLES FOR SQUEEZE
4568' - 4573' R2	6 HOLES
4672' - 4677' R5	
4938' - 4942' G3	3 SPF 13 HOLES
PROPOSED	
4817' - 4820'	5094' - 5100' & 5103' - 5109' G6
	38 HOLES
	5537' - 5548' B3
	3 SPF 80 HOLES
	5656' - 5671' B4
	6020' - 6030' TW
	31 HOLES

PROPOSED CIBP

5094' - 5100
 5103' - 5109

PROPOSED PERFS: (AFTER DRILL OUT)
 3990' - 4004' Y2
 4817' - 4820 GIL

PROPOSED TO ISOLATE G6, B3, B4, & TW PERFS w/ CIBP.

5537' - 5548'

5656' - 5671'

Douglas Creek Member 4550 to 5400 ft.
 Wasatch Fm. Transition 5400 to 5950 ft.

PBTD @ 6010' KB
 TD @ 6065' KB

Wasatch Formation 5950 ft.

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NGC #11-16
 NW NW Sec.16 T9S R17E
 660' FNL, 659' FWL
 LEASE #ML - 21844
 Monument Butte Field (Beluga Unit)
 Duchesne / Utah

Elev.GR -
 Elev.KB - 5307' KB

Proposed Plugging & Abandonment Diagram

DATE : 3/22/96 JZ

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH:
 DEPTH LANDED: 326' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 240 sxs

326' KB

Permanent P&A marker w/ identifying well information.

Plug No.2 Surface to 426 ft.
 Perforate csg at 100 ft below
 the surface csg shoe & circulate
 100 sx of Class-G Cement

PRODUCTION CASING

CSG SIZE: 4-1/2"
 GRADE: K-55
 WEIGHT: 11.6#
 LENGTH:
 DEPTH LANDED: 6104' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 400 sxs

CEMENT TOP AT:

375' perf circ holes

Uinta Formation Surface to 1450 ft.

Green River Formation 1450 to 5400 ft.

PLUGGING PROCEDURE

Enter the well w/tbg and wash to TD. If the well is not dead, circulate mud with sufficient weight to kill the well. Pump a balanced cement plug using 260 sacks across the Douglas Creek Member of the Green River Formation from TD to at least 300 ft above the upper most perfs. The production csg will be perforated for two feet using 4 SPF at a point 100 ft below the surface csg shoes. Circulation will be established to surface and cement will be circulated to fill the production csg & the annulus from the perforations to surface using 100 sx of class-G cement. The top of the second cement plug will be at the surface & the bottom will be 100 ft below the surface csg shoe. A P&A marker will be set to identify the location.

PERFORATION RECORD

	4540'		2 HOLES FOR SQUEEZE
	4568' - 4573'	R2	6 HOLES
	4672' - 4677'	R5	
	4938' - 4942'	G3	3 SPF 13 HOLES
	4568' - 4573'		38 HOLES
	4672' - 4677'		3 SPF 80 HOLES
	5656' - 5671'	B4	
	6020' - 6030'	TW	31 HOLES
	PROPOSED PERFS: (AFTER DRILL OUT)		
	3990' - 4004'	Y2	
	4817' - 4820'	GIL	
	5094' - 5100'		Plug No.1 TD to 3690 ft.
	5103' - 5109'		260 sx of Class-G Cement

5537' - 5548'

5656' - 5671'

Douglas Creek Member 4550 to 5400 ft.
 Wasatch Fm. Transition 5400 to 5950 ft.

PBTD @ 6010' KB
 TD @ 6065' KB

Wasatch Formation 5950 ft.

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