

Sub. Report of Abandonment - 9-5-72

**FILE NOTATIONS**

Entered in NID File

Checked by Chief

*PMB*

Entered On S R Sheet

Copy NID to Field Office

Location Map Pinned

Approval Letter

Card Indexed

Disapproval Letter

IWR for State or Fee Land

**COMPLETION DATA:**

Date Well Completed

*9-22-64*

Location Inspected

OW

WW

TA

Bond released

GW

OS

PA

State of Fee Land

**LOGS FILED**

Driller's Log

*11-2-64*

Electric Logs (No. )

*2*

E

I

E-I

GR

GR-N

Micro

Lat.

Mi-L

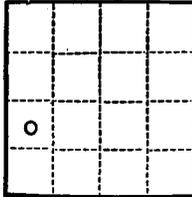
Sonic

Others

*Copy file*

(SUBMIT IN TRIPLICATE)

Land Office Utah  
Lease No. U-076347  
Unit \_\_\_\_\_



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 21, 1964

**Gates Federal**

Well No. 2 is located 1520 ft. from N line and 660 ft. from E line of sec. 11

11 SW  
(4 Sec. and Sec. No.)

9 S 16 E  
(Twp.) (Range)

Salt Lake  
(Meridian)

*Ext.* Monument Butte  
(Field)

Duchesne  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the derrick floor above sea level is 5630 ft. not available

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

**Estimated Formation Tops:**  
Uinta surface  
Green River 1480  
Estimated T. D. 5300

**Casing Program:**  
9-5/8" 32# casing set @ 200'.  
Cement to circulate.  
5 1/2" 14-15.5# casing set through  
all potential producing zones.

To test potential producing zones in the Green River Formation.

The drill site was surveyed by Uintah Engineering Company, and the survey plate will be forwarded when received.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

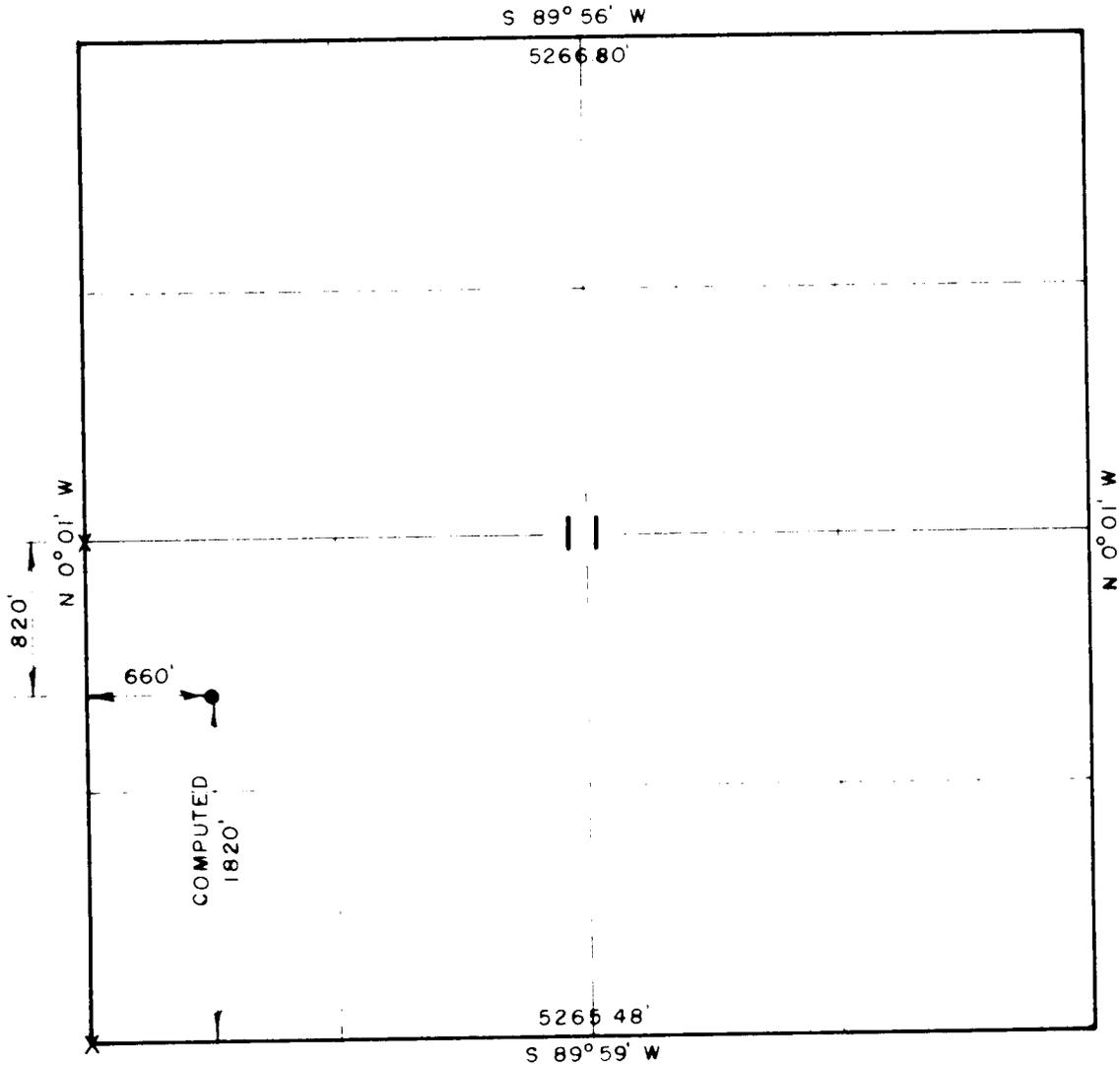
Company The Shamrock Oil and Gas Corporation

Address 870 First Security Building

Salt Lake City, Utah, 84111

By Ralph Thomas  
Title District Geologist

# T9S, R16E, SLB&M



X = Corners Located (Brass Cap)

Scale: 1" = 1000'

Elevation = 5630 Gr.

CIVIL ENGINEERING  
AND SURVEYING

P. O. Box 100  
Vernal, Utah

This is to certify that the above plat was prepared from notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

*Nelson J. Marshall*  
Registered Land Surveyor  
Utah Registration No. 1000

PARTY N. J. Marshall  
T. Wardell

**SURVEY**  
SHAMROCK OIL & GAS CORP. GOATS FEDERAL # 2  
WELL LOCATION, LOCATED AS SHOWN IN THE  
NW1/4 SW1/4 OF SECTION 11, T9S, R16E, SLB&M,  
DUCHESENE COUNTY, UTAH

DATE 17 Aug., 1964  
REFERENCES GLO Plat  
Approved Sept. 23, 1911  
FILE Shamrock

WEATHER Clear - Hot

August 24, 1964

The Shamrock Oil & Gas Corporation  
870 First Security Building  
Salt Lake City, Utah

Attention: Mr. Ralph Thomas, District Geologist

Re: Notice of Intention to Drill Well No.  
GOATES FEDERAL #2, 1820' FSL & 660'  
FWL, NW SW of Section 11, T. 9 S., R.  
16 E., SLM, Duchesne County, Utah.

Gentlemen:

Insofar as this office is concerned, approval to drill said well is hereby granted. However, this approval is conditional upon a surveyor's plat being furnished this office in accordance with Rule C-4(a), General Rules and Regulations and Rules of Practice and Procedure, Utah State Oil and Gas Conservation Commission.

As soon as you have determined that it will be necessary to plug and abandon the above mentioned well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer  
Office: DA 8-5771 or DA 8-5772  
Home: CR 7-2890 - Salt Lake City, Utah

This approval terminates within 90 days if this well has not been spudded within said period.

Enclosed please find Form OGCC-8-X, which is to be completed if water sands (aquifers) are encountered while drilling, particularly assessable near surface water sands. Your cooperation with respect to completing this form will be greatly appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FRIGHT  
EXECUTIVE DIRECTOR

CBF:kgv

cc: Rodney Smith, Dist. Eng., U. S. Geological Survey, Salt Lake City, Utah  
H. L. Coonts, Petroleum Engineer, Oil & Gas Conservation Commission, Moab, Utah

August 24, 1964

**Shamrock Oil and Gas Corporation**  
870 First Security Building  
Salt Lake City, Utah 84111

**Re: Mail No. Coates Federal #1**  
Sec. 11, T. 9 S., R. 16 E.,  
Duchesne County, Utah

**Gentlemen:**

Upon receipt of your Notice of Intention to Drill the above named well, it appears that the proposed casing might not be adequate. Please be advised that it will be necessary to either set additional surface casing or an intermediate string with sufficient cement to cover any water-bearing aquifers encountered. This stipulation will definitely be necessary if the well is to be completed as a producer. We would like to point out the fact that water sands were encountered at around a depth of 4,000' while drilling other wells in the same section. This aquifer had both oil and gas sands above and below it.

It has come to the attention of this office that several wells completed in the Uinta Basin left water-bearing formations exposed behind the annulus of the production string. In some instances, this resulted in contamination due to the migration of oil, gas and salt water from adjacent strata. Therefore, it will be necessary for you to take this matter under consideration and program the size of hole to be drilled accordingly. This problem can also be handled by stage cementing or utilizing sufficient volumes of cement upon setting the production string, thereby isolating the saturated sands.

Your cooperation with respect to the contents of this letter will be greatly appreciated.

Very truly yours,

**OIL & GAS CONSERVATION COMMISSION**

**PAUL W. MURPHY**  
**CHIEF FIELDWORK ENGINEER**

**FWD:bc**

**cc: E. L. Coates, Pet. Eng., Box 266, Moab, Utah.**  
**U. S. Geological Survey, 8416 Federal Building, Salt Lake City, Utah.**  
**Water Pollution Control Board, 45 Fort Douglas Boulevard, Salt Lake City, Utah.**  
**State Engineers Office, 403 State Capitol Building, Salt Lake City, Utah**



THE SHAMROCK OIL AND GAS CORPORATION

FIRST NATIONAL BANK BUILDING

BOX 631 - AMARILLO, TEXAS 79105

Salt Lake City, Utah, 84111  
August 24, 1964

Reply to:  
Intermountain Exploration District  
First Security Bldg. Room 870  
Salt Lake City 11, Utah

Utah Oil and Gas Conservation Commission  
Suite 301  
348 East South Temple  
Salt Lake City, Utah

Gentlemen:

Enclosed is a copy of the survey plat for our Goates  
Federal No. 2 located in Section 11, Township 9 South,  
Range 16 East, Duchesne County, Utah.

Very truly yours,

Ralph Thomas  
District Geologist

RT:ls

Enclosure



THE SHAMROCK OIL AND GAS CORPORATION

FIRST NATIONAL BANK BUILDING

BOX 631 - AMARILLO, TEXAS 79105

Salt Lake City, Utah, 84111

August 24, 1964

Reply to:  
Intermountain Exploration District  
First Security Bldg. Room 870  
Salt Lake City 11, Utah

Utah Oil and Gas Conservation Commission  
Suite 301  
348 East South Temple  
Salt Lake City, Utah

Gentlemen:

Will you please hold confidential the information sent you on our Goates Federal No. 2 well located in Section 11, Township 9 South, Range 16 East, Duchesne County, Utah.

Very truly yours,

Ralph Thomas  
District Geologist

RT:ls

**DEPARTMENT OF THE REVENUE**  
**SALT LAKE COUNTY**

# LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Wasatch Field Wasatch Basin

The following is a correct report of operations and production (including drilling and producing wells) for the month of August, 1964.

Agent's address 879 First Security Building Salt Lake City, Utah, 84111 Company The Standard Oil and Gas Corp.

Phone 383-6245 Signed [Signature] Agent's title District Geologist

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if deep down, name; date and result of test for gasoline content of sand)
Sec. 11 SE SW	9S	16E	1							<p>NET #1: 4627-43. Op 30 min., SI 30 min., op 90 min., SI 60 min. Had mod blow on pre-flow, had strong blo on re-op for 45", down to wk blo. GOR 60 min. on final flow, TEST. Res 360' fluid being 270' oil, 90' gas oil, and 90' oil GOR. FP 11-92, SIP 1400-1700, MH 2146-2146.</p> <p>NET #2: 4773-67. Op 30 min., SI 30 min., op 90 min., SI 60 min. Fair blo on pre-flow, fair blo on final flow which continued through test. Res 270' very oil GOR, no sho of oil. FP 46-47, SIP 1500-1630, MH 2240-2180.</p> <p>NET #3: 5059-81. No net set. Res 900' GOR.</p> <p>NET #3-4: 5053-5084. Op 30 min., SI 30 min., op 60 min., SI 60 min. Had wk blo on initial and final flow. Res 90' GOR, 90' SCREEN. FP 50-70, SIP 200-280, MH 2418-2370.</p> <p>Drilled to 5196' TB. Set 5 1/2" cas @ 4877 w/240 ex. Perf 1 1/4 way radial jet @ 4684 &amp; 4631. Replaced with Ashley Valley crude with 50% admixt per 1000 gal. Spotted 250 gal med acid. Frased with 144 hbis pre-flow, 13,450 gal oil, 16,275 lbs 20-40 mesh sd, 4,200 gal oil, 4,200 lbs 8-12 mesh glass beads. Flashed with 125 hbis. Formation broke at 4700', average TP 3800 lbs, inj rate 27 hbis per min. Flowed well. Put on pump. Completion report: Well flowed &amp; pumped 188.33 hbis of oil in 1 1/2 hrs, or equiv to 392.88 hbis in 24 hrs. Gravity 35.7°. Completed 8-23-64.</p>
					3,164.24					
Sec. 11 NW SW	9S	16E	2							<p>Spud 8-23-64. Set 9-5/8" cas @ 227 w/200 ex. Drilling at 3450' with water.</p>

CONFIDENTIAL

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Form approved. Budget Bureau No. 42-2366.5. LAND OFFICE Utah LEASE NUMBER 096547 UNIT

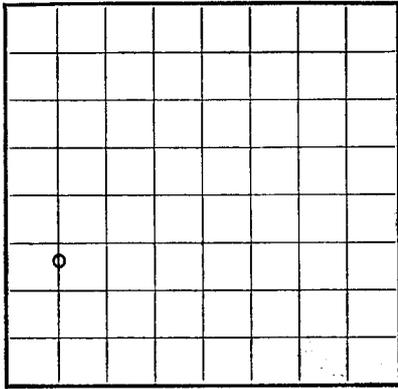
LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Duchesne Field Monument Butte The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 1964. Agent's address 870 First Security Building Salt Lake City, Utah, 84111 Company The Shamrock Oil and Gas Corp. Signed [Signature] Agent's title District Geologist Phone 328-0165

Table with columns: SEC. AND 1/4 OF 1/4, TWP., RANGE, WELL NO., DAYS PRODUCED, BARRELS OF OIL, GRAVITY, CU. FT. OF GAS (In thousands), GALLONS OF GASOLINE RECOVERED, BARRELS OF WATER (If none, so state), REMARKS. Includes entry for Sec. 11 NW SW, Range 16E, Well #2, with detailed production and completion data.

NOTE.—There were 29 (4,101.72 barrels) runs or sales of oil; no M cu. ft. of gas sold;

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



LOCATE WELL CORRECTLY

U. S. LAND OFFICE Utah  
SERIAL NUMBER U-09654  
LEASE OR PERMIT TO PROSPECT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Shamrock Oil and Gas Corporation Address 870 First Security Building, Salt Lake City

Lessor or Tract Coates-Federal Field Monument Butte State Utah

Well No. 2 Sec. 11 T. 9S R. 16E Meridian Salt Lake County Duchesne

Location 1820 ft. N. of S. Line and 660 ft. E. of W. Line of Section 11 Elevation 5640  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Edwin B. Isbell

Date October 29, 1964 Title Geologist

The summary on this page is for the condition of the well at above date.

Commenced drilling August 23, 19 64 Finished drilling September 9, 19 64

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4857 to 4870 (G) No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from 5147 to 5176 No. 5, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

REPORT ALL INDICATIONS OF FRESH WATER

IMPORTANT WATER SANDS

No. 1, from none to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9-5/8"	32.30	H-40		219					surface
5 1/2"	15.50	J-55		5253			5155	5173	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	227	200			
5 1/2"	5250	120 cubic feet			

PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_

Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

SHOOTING RECORD

FOLD MARK

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

**TOOLS USED**

Rotary tools were used from 0 feet to 5280 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

\_\_\_\_\_, 19\_\_\_\_ Put to producing September 22, 1964  
 The production for the first 24 hours was 230 barrels of fluid of which 100% was oil; \_\_\_\_\_%  
 emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_  
 If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
 Rock pressure, lbs. per sq. in. \_\_\_\_\_

**EMPLOYEES**

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
 \_\_\_\_\_, Driller \_\_\_\_\_, Driller

**FORMATION RECORD**

FROM-	TO-	TOTAL FEET	FORMATION
0	1580	1580	Rd-grn sh and sd
1580	3230	1650	oil shale
3230	3900	670	sd & ls & sh
3900	5280	1380	sh & sd
			<u>LOG TOPS</u>
			Green River 1503
			Basal Green River 3872
			Douglas Creek 4668

\_\_\_\_\_  
 \_\_\_\_\_ (OVER) \_\_\_\_\_

14


\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



*Copy of the*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

5. LEASE DESIGNATION AND SERIAL NO. **U-096547**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME \_\_\_\_\_

7. UNIT AGREEMENT NAME \_\_\_\_\_

8. FARM OR LEASE NAME **Goates Federal**

9. WELL NO. **2**

10. FIELD AND POOL, OR WILDCAT **Monument Butte Field**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA **Sec. 11, T9S, R16E, Salt Lake Meridian**

12. COUNTY OR PARISH **Duchesne** 13. STATE **Utah**

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 **The Shamrock Oil and Gas Corporation**

3. ADDRESS OF OPERATOR **870 First Security Building, Salt Lake City, Utah**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface **1820' from S line and 660' from W line**  
At proposed prod. zone \_\_\_\_\_

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\* \_\_\_\_\_

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

16. NO. OF ACRES IN LEASE \_\_\_\_\_

17. NO. OF ACRES ASSIGNED TO THIS WELL \_\_\_\_\_

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

19. PROPOSED DEPTH \_\_\_\_\_

20. ROTARY OR CABLE TOOLS \_\_\_\_\_

21. ELEVATIONS (Show whether DF, RT, GR, etc.) **5642 KB**

22. APPROX. DATE WORK WILL START\* **12-18-64**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

Request permission to plug back and ~~corroborate~~ **corroborate** gas sands. To set bridge plug at 4880 feet. ~~corroborate~~ **corroborate** at 4867'.

Prior to plugging back, well was making an average of 15 barrels oil per day.

*CONFIDENTIAL*

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]* TITLE **District Geologist** DATE **12-18-64**

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:



THE STATE OF UTAH

DEPARTMENT OF COMMERCE

OFFICE OF THE STATE GEOLOGIST

SALT LAKE CITY, UTAH

December 21, 1934

Replied to  
In accordance with the provisions of  
the Security Code, Sec. 800  
and the Utah Public Health

State of Utah  
Oil and Gas Conservation Commission  
348 East South Temple  
Salt Lake City, Utah

Attention: Miss Clarella N. Peck

Gentlemen:

We wish to report that it will no longer be necessary for you to hold the well information confidential on any of Shamrock's wells.

Thank you for your fine cooperation in this regard.

Very truly yours,

Edwin B. Isbell  
Geologist

EBI:ls

December 24, 1964

Shamrock Oil & Gas Corp.  
870 First Security Bldg.  
Salt Lake City, Utah

Attention: Mr. Ralph Thomas

Re: Goates Federal #3  
Sec. 14, T. 9 S., R. 16 E.  
Duchesne County, Utah

Gentlemen:

In view of the recent blowout and fire that occurred in the Horseshoe Bend area, it is recommended that after setting your surface casing for the above named well it be tested for a minimum of 1,000 lbs./ sq. inch. It is further advised that before encountering any anticipated high pressure gas zones in the Green River Formation that the weight of the mud be sufficient to prevent the hole from unloading.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

PAUL W. BURCHELL  
CHIEF PETROLEUM ENGINEER

PWB:pcp

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN \_\_\_\_\_ LICATE\*  
(Other instr. as on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-096547

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Goates Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Monument Butte Field

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

Sec. 11, T9S, R16E,  
Salt Lake Meridian

12. COUNTY OR PARISH 13. STATE

Duchesne Utah

1.

OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

The Shamrock Oil and Gas Corporation

3. ADDRESS OF OPERATOR

870 First Security Building, Salt Lake City, Utah

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

See also space 17 below.)  
At surface 1820' from S line and 660' from W line

14. PERMIT NO.

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

5642 KB

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

Plugging Back

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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.)\*

Set Bridge plug at 4880'. Perforated with four-way jets at 4863 and 4867'.  
Treated perms with 500 gallons 15% mud acid. Treated with 100 bbls 3% gelled acid pre-flush, 8,000 gallons oil with 10,000 lbs sand, and 2,000 gallons oil with 2,000 lbs 8-12 mesh glass beads. Treated at 2900 lbs at 32 barrels per minute. Had 22 hour flow, gas stabilized at 2,015 MCF. Used gas to drill Goates Federal No. 3 and Walton Federal No. 5. Well shut in. Well to be used for lease fuel purposes when necessary.

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

SIGNED

*Paul J. ...*

TITLE

District Geologist

DATE

3-8-55

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

*PHIP*  
*He*

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION  
310 NEWHOUSE BUILDING  
SALT LAKE CITY 11, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: Goates Federal No. 2  
Operator The Shamrock Oil and Gas Corp. Address Salt Lake City Phone 328-0165  
Contractor Miracle and Wooster Address Vernal Phone 789-2661  
Location: NW 1/4 SW 1/4 Sec. 11 T. 9 N. R. 16 E Duchesne County, Utah.  
S W N

Water Sands:

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	<u>From</u>	<u>To</u>	<u>Flow Rate or Head</u>	<u>Fresh or Salty</u>
1.	None			
2.				
3.				
4.				
5.				

Allow (Continued on reverse side if necessary)

<u>Formation Tops:</u>		
Green River		1503
Basal Green River		3872
Douglas Creek		4668

Remarks:

**NOTE:** (a) Upon diminishing supply of forms, please inform the Commission  
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure. (See back of form)

**Drillers Log: (Continued)**

0 - 1580 sh, sd, ls  
1580 - 3230 oil sh  
3230-3900 sd, ls, sh  
3900 - 5280 sh & sd

**Rule C-20 REPORTING OF FRESH WATER SANDS**

It shall be the duty of any person, operator or contractor drilling an oil or gas well or drilling a seismic, core or other exploratory hole to report to the Commission all fresh water sands encountered; such report shall be in writing and give the location of the well or hole, the depth at which the sands were encountered, and the thickness of such sands, and the rate of flow of water if known.

MAR 12 1965

11/10

DIAMOND SHAM ROCK

Jim Bundy

2

NW SW

11

95

16E

U 096547

Monument Butte

Utah

None.

None noted

5280

9 3/8"

227

Surface

orig perfs 51-55 & 573

CIBP -1880

5 1/2"

5250

4480

perf 4853 & 4867

25-30 sx 4825 up.

Green River 1503

perf 1550 & squeeze w/ 100 leave 30-35 inside sq.

10 sx in annulus 9 3/8 - 5 1/2

5 sx w/ marker.

Davis

8-14-72

2:30

POOR COPY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIP. STATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**Fed. Lease U-096547**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

**Goates Federal**

9. WELL NO.

**2**

10. FIELD AND POOL, OR WILDCAT

**Monument Butte**

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

**Sec. 11, T9S, R16E**

12. COUNTY OR PARISH

**Duchesne**

13. STATE

**Utah**

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
**Diamond Shamrock Corporation**

3. ADDRESS OF OPERATOR  
**Box 631, Amarillo, Texas 79105**

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

**1820' from south line and 660' from west line**

14. PERMIT NO.

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

**5642' KB 5630' Gr.**

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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

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

Proposed plugging procedure

Verbal approval was granted to plug the above well by Gerald Daniels with the U.S.G.S. in Salt Lake City on August 14, 1972, using the following procedure.

Load hole with gel mud. Spot 30 sacks of cement from 4,800' to 4,620' inside 5 1/2" casing. Perforate at 1,550', or 50' below top of Green River and attempt to circulate. If we can break circulation cement down casing with 100 sacks cement, leaving 30 sacks inside casing from 1,550' to 1,370'. Cut off 5 1/2" and casinghead at surface and place 10 sacks in stub with dry hole marker. If we cannot circulate then squeeze with 30 sacks, leaving 10 sacks in pipe and 10 sacks at top as above.

APPROVED BY DIVISION OF  
OIL & GAS CONSERVATION

DATE 8-21-72

BY [Signature]

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

SIGNED

[Signature]

TITLE

**Mgr. Drilling Operations**

DATE **8-18-72**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
**Fed. Lease U-096547**

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR <b>Diamond Shamrock Corporation</b>		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR <b>Box 631, Amarillo, Texas 79105</b>		8. FARM OR LEASE NAME <b>Goates Federal</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  <b>1820' from south line and 660' from west line</b>		9. WELL NO. <b>2</b>
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5642' KB; 5630' Gr.</b>	10. FIELD AND POOL, OR WILDCAT <b>Monument Butte</b>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 11, T9S, R16E</b>
		12. COUNTY OR PARISH <b>Duchesne</b>
		13. STATE <b>Utah</b>

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.)

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.)\*

**PLUGGING PROCEDURE:**

Loaded hole with 50 viscosity mud. Spotted 30 sacks of cement in 5 1/2" casing from 4,800' to 4,550'. Laid down tubing. Perforated with 4 holes at 1,550'. Cemented with 100 sacks cement from 1,550' to 1,250' inside and outside 5 1/2" casing. Squeezed 20 sacks cement in 5 1/2" and 9 5/8" annulus at surface. Cut off casinghead. Installed dry hole marker with 5 sacks cement. Completed as plugged and abandoned at 2 P.M., 8-30-72.

18. I hereby certify that the foregoing is true and correct  
 SIGNED *D. W. Seeling Smith* TITLE Manager of Drilling Operations DATE 9-1-72

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

CONFIDENTIAL

FORM 3

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work: DRILL  DEEPEN  PLUG BACK

Type of Well: Oil Well  Gas Well  Other  Single Zone  Multiple Zone

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

Address of Operator: P.O. Box 21017; Billings, MT 59104

Location of Well (Report location clearly and in accordance with any State requirements.)\*  
At surface: 1819.3' FSL, 657.5' FWL  
At proposed prod. zone

Distance in miles and direction from nearest town or post office\*: From Myton, Utah, approximately 16 miles southwest.

Distance from proposed location to nearest property or lease line, ft. (Also to nearest drilg. line, if any):  
Distance from proposed location to nearest well, drilling, completed, or applied for, on this lease, ft.: 5,800'

Elevations (Show whether DF, RT, GR, etc.): GL 5628.8'

3. Lease Designation and Serial No.: Federal #U-096547

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

7. Unit Agreement Name: Jonah Unit

8. Farm or Lease Name: Balcron Monument Federal

9. Well No.: #13-11J

10. Field and Pool, or Wildcat: Monument Butte/Grn. River

11. Co. Sec., T., R., M., or Blk. and Survey or Area: NW SW Sec. 11, T9S, R16E

12. County or Parrish: Duchesne

13. State: UTAH

16. No. of acres in lease: [blank]

17. No. of acres assigned to this well: [blank]

19. Proposed depth: 5,800'

20. Rotary or cable tools: Rotary

22. Approx. date work will start\*: April 15, 1994

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
See attached.				

Operator plans to drill this well in accordance with the attached Federal APD.

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.

I hereby certify that this report is true and complete to the best of my knowledge.

Signed: Robbie Schuman Title: Coordinator of Environmental and Regulatory Affairs Date: March 25, 1994

(This space for Federal or State office use)

APD NO. 43-013-15790 Approval Date: \_\_\_\_\_

Approved by: \_\_\_\_\_ Title: \_\_\_\_\_

Conditions of approval, if any: \_\_\_\_\_

DATE: 5-9-94  
BY: J.M. [Signature]  
WELL SPACING: 1649-2-3

\*See Instructions On Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

5. LEASE DESIGNATION AND SERIAL NO.

U-096547

**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, Balcron Oil Division

3. ADDRESS OF OPERATOR  
 P.O. Box 21017; Billings, MT 59104

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 NW SW Sec. 11, T9S, R16E      1819.3' FSL, 657.5' FWL  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 From Myton, Utah, approximately 16 miles southwest.

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

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

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

19. PROPOSED DEPTH  
 5,800'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 GL 5628.8'

12. COUNTY OR PARISH  
 Duchesne

13. STATE  
 UTAH

22. APPROX. DATE WORK WILL START\*  
 April 15, 1994

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
	See attached			

This is a RE-ENTRY of the former Goates Federal #2.

See attached for EXHIBITS.

**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 Robbie Schuman TITLE Coordinator of Environmental and Regulatory Affairs DATE March 25, 1994  
 (This space for Federal or State office use)

PERMIT NO. 43-013-15790

APPROVAL DATE

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

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

DATE: 3-9-94  
 BY: J. Matthews  
 WELL SPACING 649-2-3

\*See Instructions On Reverse Side

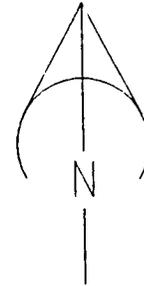
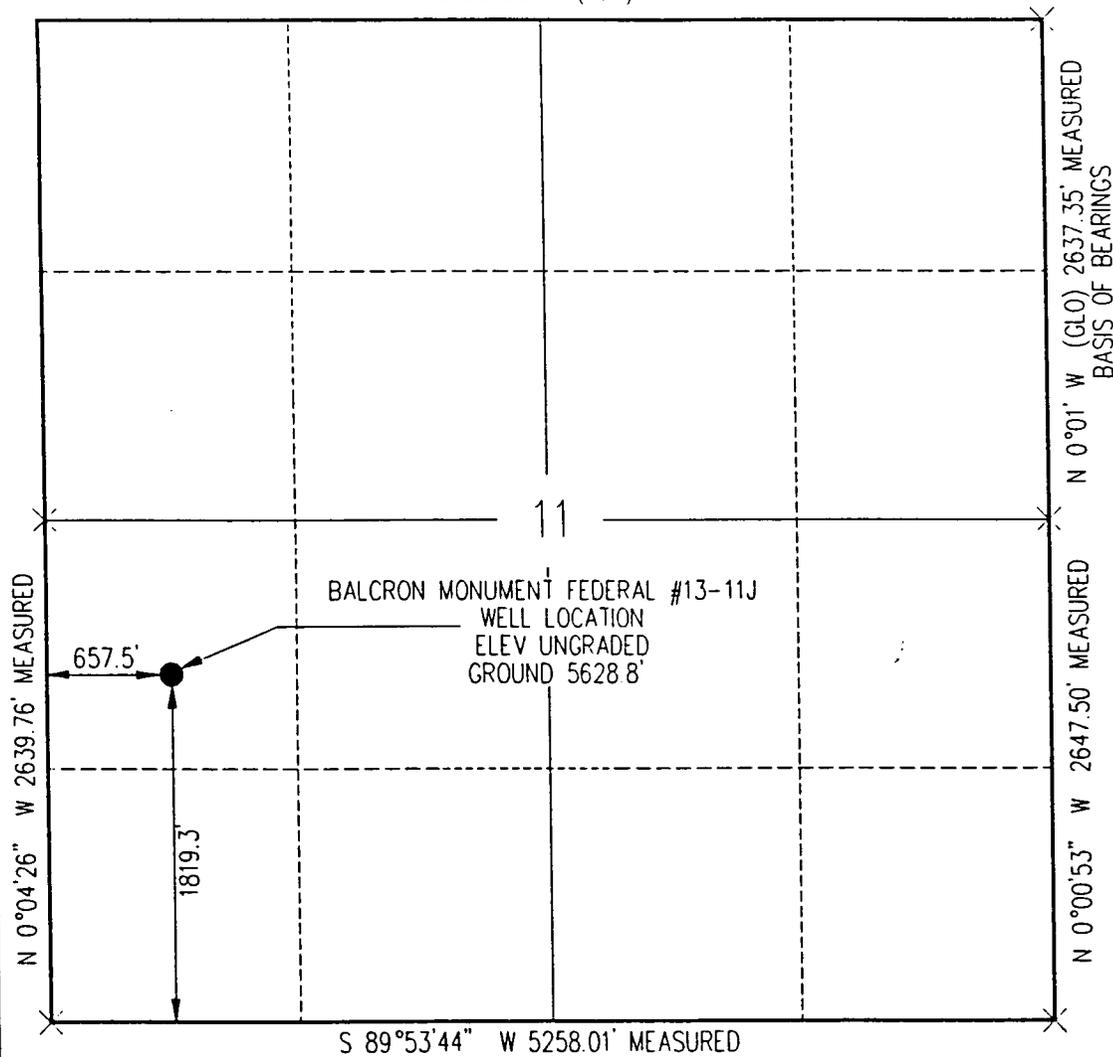
EXHIBIT "I"

T9S, R16E, S.L.B. & M.

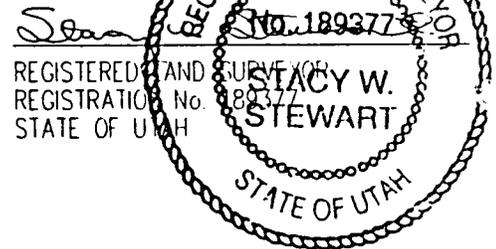
S 89°56' W (GLO)

EQUITABLE RESOURCES ENERGY CO

WELL LOCATION, BALCRON MONUMENT FEDERAL #13-11J, LOCATED AS SHOWN IN THE NW 1/4 SW 1/4 OF SECTION 11, T9S, R16E, S.L.B. & M., DUCHESNE COUNTY UTAH.



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.



X = SECTION CORNERS LOCATED  
BASIS OF BEARINGS; G.L.O. PLAT 1911  
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

WEATHER: STORMY & COLD
DATE: 2/10/94
SCALE: 1" = 1000'
SURVEYED BY: SS CB
FILE: MF 13-11J

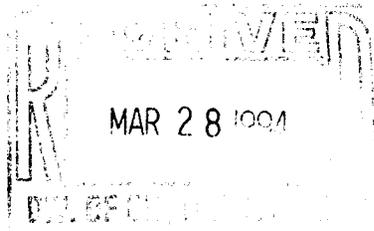




**EQUITABLE RESOURCES  
ENERGY COMPANY**

**BALCRON OIL DIVISION**

1601 Lewis Avenue  
P.O. Box 21017  
Billings, MT 59104



Office: (406) 259-7860  
FAX: (406) 245-1365   
FAX: (406) 245-1361

March 25, 1994

-- VIA FEDERAL EXPRESS --

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

Gentlemen:

Enclosed are Applications for Permit to Drill (APDs) the following wells:

Balcron Monument Federal #42-11J  
(WASHDOWN)

Balcron Monument Federal #43-11J  
(WASHDOWN)

Balcron Monument Federal #22-12J  
(RE-ENTRY)

Balcron Monument Federal #13-11J  
(RE-ENTRY)

43-013-15790

Please note that we have put April 15, 1994, as the approximate date for start of work. We will anticipate a quick turnaround on these APDs since the wellsites are all on existing wellpads and access roads which should minimize review on your part.

Sincerely,

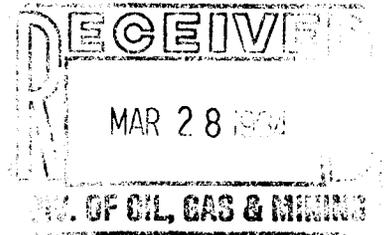
*Bobbie Schuman*

Bobbie Schuman  
Coordinator of Operations,  
Environmental and Regulatory Affairs

/rs

Enclosures

cc: Utah Division of Oil, Gas and Mining



**BALCRON MONUMENT FEDERAL**

**#13-11J (RE-ENTRY)**

# **CONFIDENTIAL**

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

Equitable Resources Energy Company  
Balcron Oil Division  
P.O. Box 21017  
Billings, MT 59104  
(406) 259-7860

EXHIBITS FOR MONUMENT BUTTE RE-ENTRY WELLS:

- A PROPOSED DRILLING PROGRAM
- B PROPOSED SURFACE USE PROGRAM
- C GEOLOGIC PROGNOSIS
- D RE-ENTRY PROCEDURE/WELLBORE DIAGRAM
- E HAZMAT DECLARATION
- 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

3/23/94

EQUITABLE RESOURCES ENERGY COMPANY  
Balcron Oil Division  
Balcron Federal #13-11J (RE-ENTRY)  
NW SW Section 11, T9S, R16E  
Duchesne County, Utah

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 BOPE 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")

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 this 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.

**SURFACE USE PROGRAM**

EQUITABLE RESOURCES ENERGY COMPANY  
Balcron Oil Division  
Balcron Monument Federal #13-11J (RE-ENTRY)  
NW SW Section 11, T9S, R16E  
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162.3-1 (d):

1. **EXISTING ROADS:**

- a. This well is located approximately 16 miles southwest of Myton, Utah. From Myton, Utah, take Highway #40 west out of town 1.6 miles to the Sand Wash road. Go south on the Sand Wash road for 10.0 miles. Turn right onto the Monument Butte Gas Plant road. Go 3 miles on gas plant road to a road intersection. Turn left and proceed 1.1 miles to a road intersection, turn left and continue 400' to the location which is on the east side of the existing road.
- b. Existing roadways need no improvements for these operations.
- c. All existing roads used by these operations will be maintained in the same or better condition as were existing prior to entry.
- d. See EXHIBIT "F" Maps A and B for access route.

2. **PLANNED ACCESS ROADS:** See EXHIBIT "F" Maps A & B

- a. This is a re-entry of a previous well. No new access roads need to be constructed.
- b. Road maintenance: During both the completion 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. Any drainage ditches and culverts will be kept clear and free-flowing, and will also be maintained in accordance with original construction standards. The access road right-of-way will be kept free of trash during operations.
- c. During initial completion and subsequent operations, all travel will be confined to location and access routes.
- d. All access roads and surface disturbing activities will 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).

- e. If a right-of-way is required this APD shall be considered as application for such right-of-way.

3. LOCATION OF EXISTING WELLS:

See EXHIBIT "G" Map C.

4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

- a. Existing: See Map C (EXHIBIT "G")
- b. New facilities: All production facilities will be located on the disturbed portion of the wellpad and at a minimum of 25' from the toe of the backslope or toe of the fill slope.
- c. The production facilities will consist primarily of a pumping unit, two oil tanks, and one water tank. A diagram showing the proposed production facility layout is attached. See EXHIBIT "H".
- d. All above-ground facilities will be painted earthtone color Desert Brown #10Y/R in accordance with the Munsell Soil Color chart within six months of the well completion unless prior written approval to proceed with another alternative has been granted via Sundry Notice.
- e. A dike will be constructed completely around those production facilities which contain fluids. These dikes will be constructed of compacted subsoil, be impervious, and will hold 100% of the capacity of the largest tank.
- f. No production pit will be needed.
- g. Reclamation of disturbed areas no longer needed for operation will be accomplished by grading, leveling and seeding as recommended by the Bureau of Land Management.
- h. Approval for any proposed pipelines will be submitted to the authorized officer by sundry notice for approval.

5. LOCATION AND TYPE OF WATER SUPPLY:

- a. Water to be used for the completion of this well will be hauled by truck over the roads described in this Surface Use Program from a spring owned by Joe Shields of Myton, Utah.
- b. No water well will be drilled on this location.

6. CONSTRUCTION ROAD/LOCATION MATERIALS:

- a. No construction materials are needed for recompletion. 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 pipeline construction will be needed.

- b. All construction materials for this location site and access road shall be borrowed material accumulated during the reconstruction of the site and road. In the event that additional construction material is needed, appropriate actions will be taken to acquire it from private sources.
- c. All surface disturbance is on BLM lands and reasonable precautions will be taken to protect all lands.

7. METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL:

- a. Cuttings: The cuttings (cement only) will be collected in a small (10' x 10' x 4') working pit.
- b. Drilling fluids: Fresh water will be used to drill out the cement plugs. All water will be contained in steel tanks. Immediately after completion the water will be hauled off and disposed of at an approved waste disposal site.
- c. No reserve pit is needed.
- d. Liquid hydrocarbons produced during the completion operation will be collected in test tanks on location. Produced water will be confined to a storage tank. In accordance with Onshore Order #7, an application for approval of a permanent disposal method shall be submitted for the authorized officer's approval.

Any spills of oil, gas, salt water or other noxious fluids will be cleaned up and hauled to an approved disposal site. Burning will not be allowed.

- e. Garbage will be stored in a trash cage and disposed of according to local and state regulations, at an approved facility. Disposal will not be allowed on location. No trash will be disposed of in the working pit.
- f. Sewage: Self-contained, chemical toilets will be provided during these operations. Waste and chemicals will not be disposed of on location.
- g. Immediately after removal of the rig, all debris and other waste materials will be cleaned up and removed from the well location. Any open pits will be fenced during the operation and the fencing will be maintained until such time as the pits are backfilled.

- h. The work 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. The pit will be constructed so as not to leak, break, or allow the discharge of liquids therefrom.

8. ANCILLARY FACILITIES:

None anticipated.

9. LOCATION SITE LAYOUT:

- a. The proposed location site and elevation plat is shown on EXHIBIT "I".
- b. The drill pad layout, showing elevations, orientation, and access to the pad is shown on EXHIBIT "J".
- c. This will be re-entered using a completion rig. No permanent living facilities are planned.
- d. EXHIBIT "H" shows the proposed production facility layout.
- e. No reserve pit or flare pit will be needed.
- g. Stockpiled topsoil (first 6 inches) will be stored on the east side near corner #7.
- h. Access to the wellpad will be from the west.
- i. Corners #2 and #4 of the well pad will be rounded off to avoid damaging the existing road.

10. PLANS FOR RECLAMATION OF LOCATION SITE:

The BLM will be contacted prior to commencement of any reclamation operations.

Producing location:

- a. Immediately upon well completion, the location and surrounding areas will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.
- b. Any other waste and spoil materials will be disposed of immediately upon completion of workover activities.
- c. The portion of the location not needed for production facilities or operations will be recontoured to the approximate natural contours and will be reclaimed within 120 days from the date of well completion, weather permitting.
- d. The access roads will be upgraded and maintained as necessary to prevent soil erosion and to accommodate year-round traffic. Areas unnecessary to operations will be recontoured, topsoil

distributed, and disking and seeding of disturbed areas outside the work area will be in accordance with the recommended seed mixture.

Dry hole/abandoned location:

If the well is abandoned/dry hole, operator will submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.

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:

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

12. OTHER INFORMATION:

- a. Since this is a previously-disturbed location, the Vernal Bureau of Land Management has determined it is not necessary to conduct archeological or paleontological surveys.
- b. If unexpected cultural resources are observed during construction or reclamation operations, Equitable Resources Energy Company's Balcron Oil Division will suspend operations in the vicinity of the discovery and immediately report the finding to the BLM District Office.
- c. If a silt catchment dam will be necessary on this location, this will be covered by the Bureau of Land Management in the Conditions of Approval.
- d. Operator will have on site a copy of the Surface Use Program and a copy of the supplemental conditions.
- e. Operations will be conducted in accordance with the Bureau of Land Management conditions of approval when received.

13. OPERATOR'S REPRESENTATIVES:

Balcron Oil, a division of 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, Drilling Engineer          Home: (406) 248-3864

Dale Griffin, Operations Supervisor      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.

March 25, 1994  
Date

Bobbie Schuman  
Bobbie Schuman  
Coordinator of Environmental and  
Regulatory Affairs  
BALCRON OIL division of Equitable  
Resources Energy Company

3/23/94  
/rs



Balcron Oil  
Balcron Monument Federal #13-11J  
NW SW Sec. 11 Twn. 9S Rge. 16E  
Duchesne County, Utah

Re-Entry Procedure

- 1.) Remove dry hole marker. Rebuild casing head and reconstruct 5 1/2" casing back up to surface. Install tubing head.
- 2.) Rebuild access road. Remove and stockpile top soil from old well site.
- 3.) Level location pad area. 150'W X 250'L should be large enough. Dig small working pit. (35' X 35' X 6')
- 4.) Set rig anchors. Move in and rig up completion rig with mud tank and drilling equipment.
- 5.) Install 3000 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 PBTD at 5278'KB. Circulate hole clean with hot 2% KCl water.
- 7.) Trip out. Lay down bit and drill collars. Pick up retrievable bridge plug and casing packer. Trip in hole.
- 8.) Rig up The Western Company and pump acid perf wash on zones of interest.
- 9.) Swab back each zone and test.
- 10.) Put well on pump.

Diamond Shamrock Exploration Co.  
Goates Federal #2  
1820 FSL x 660'FWL  
Sec.11 Twn.9S Rge.16E  
Duchesne/Utah

KB=5642  
GL=5630

Balcon Monument Federal #13-11J  
Re-Entry

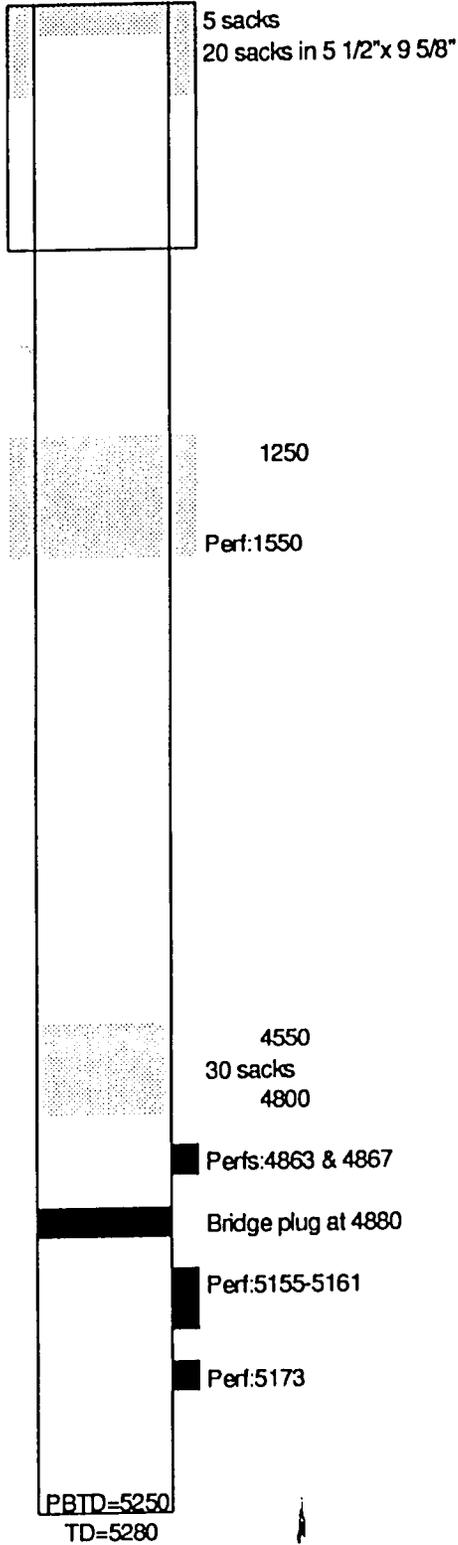
Hole Size: 12 1/4"

9 5/8" set at 227'  
Cemented with 200 sacks

Spud Date: Aug.23,1964

P&A Date: Aug.30,1972

5 1/2", 15.50#/ft set at 5250



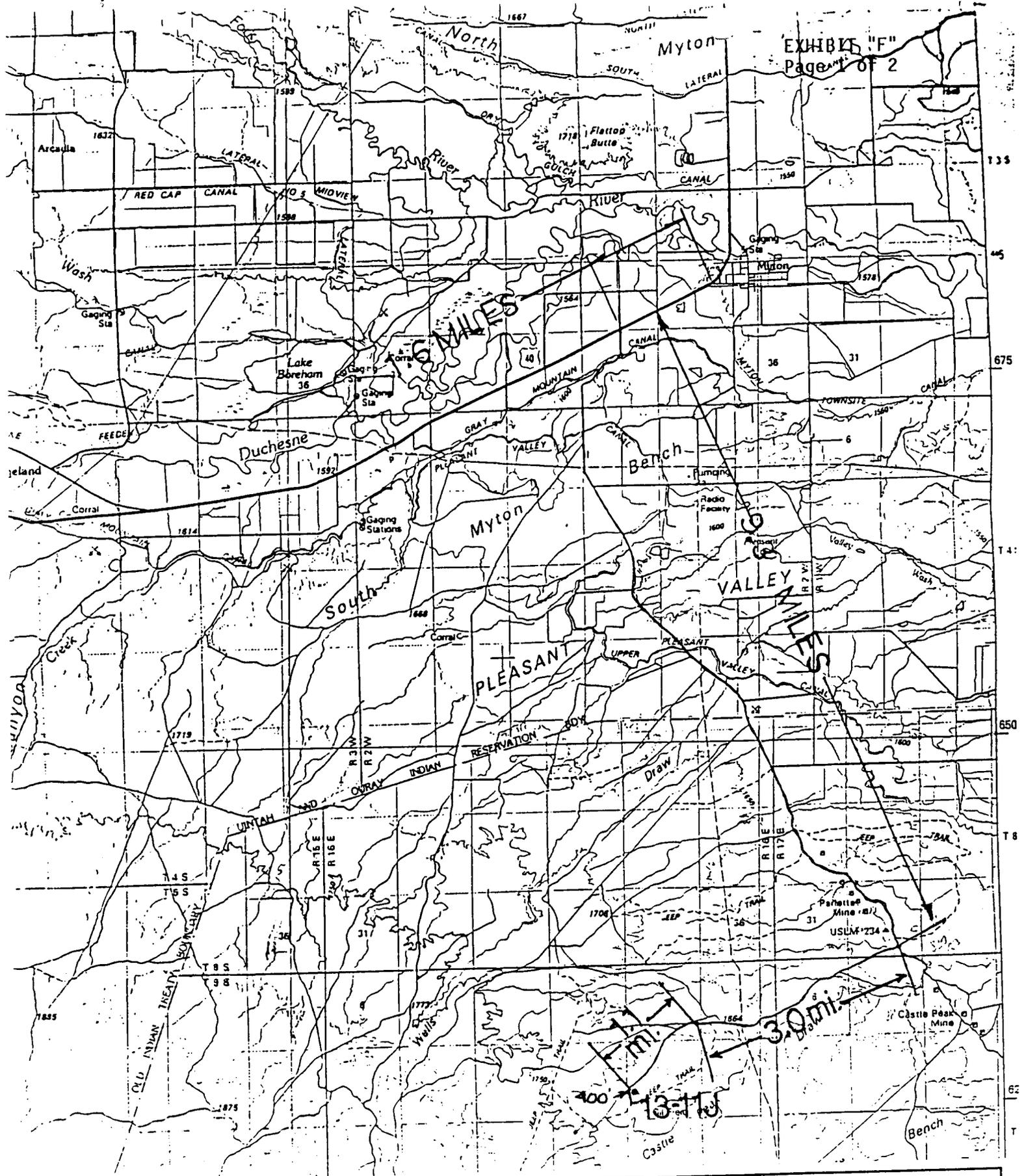
- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

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.

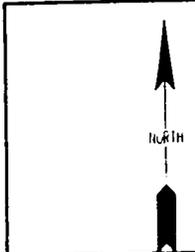
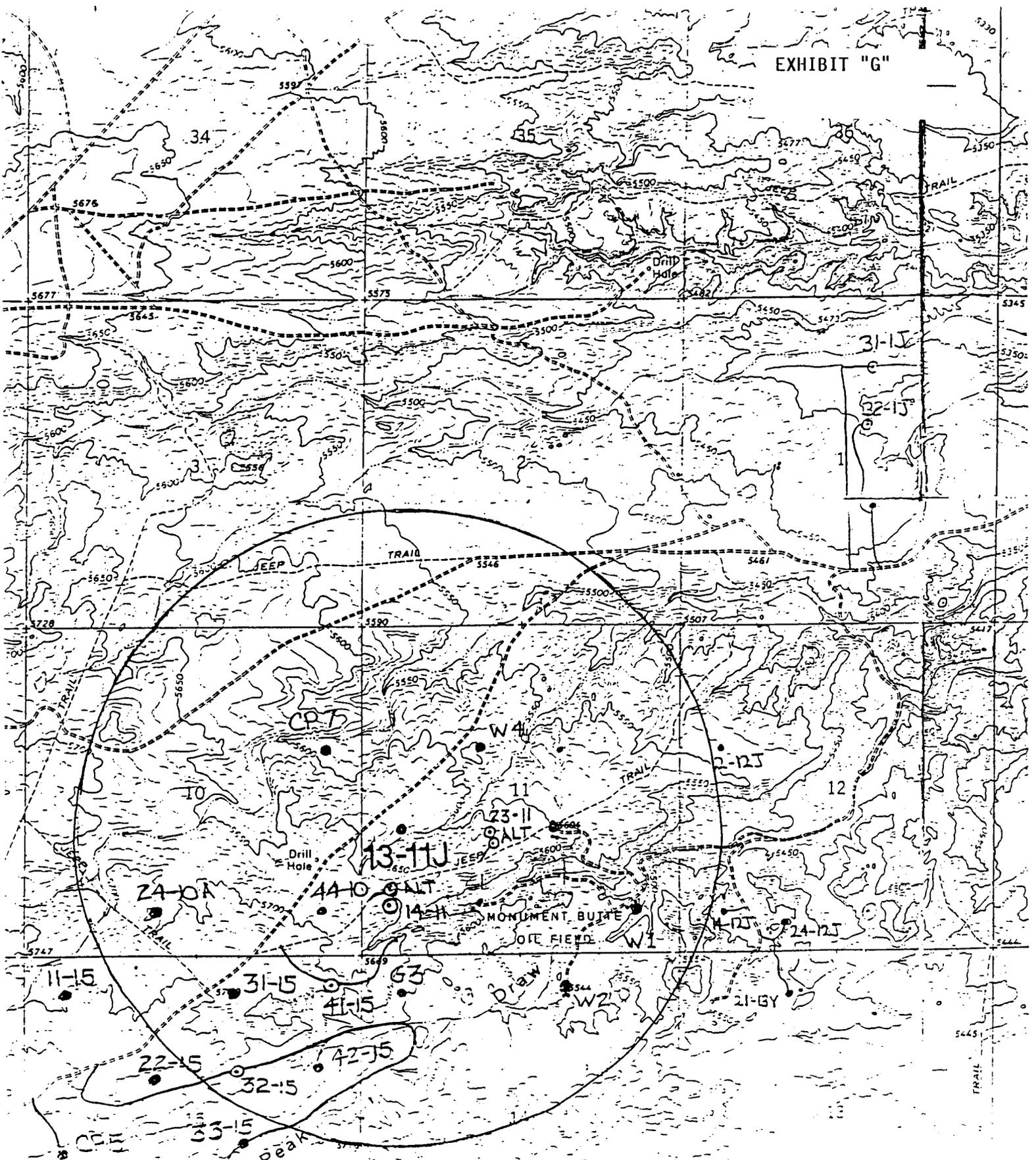
12/1/93  
Revised 12/7/93  
/rs



EQUITABLE RESOURCES ENERGY CO.  
MONUMENT FEDERAL #13-110  
MAP "A"







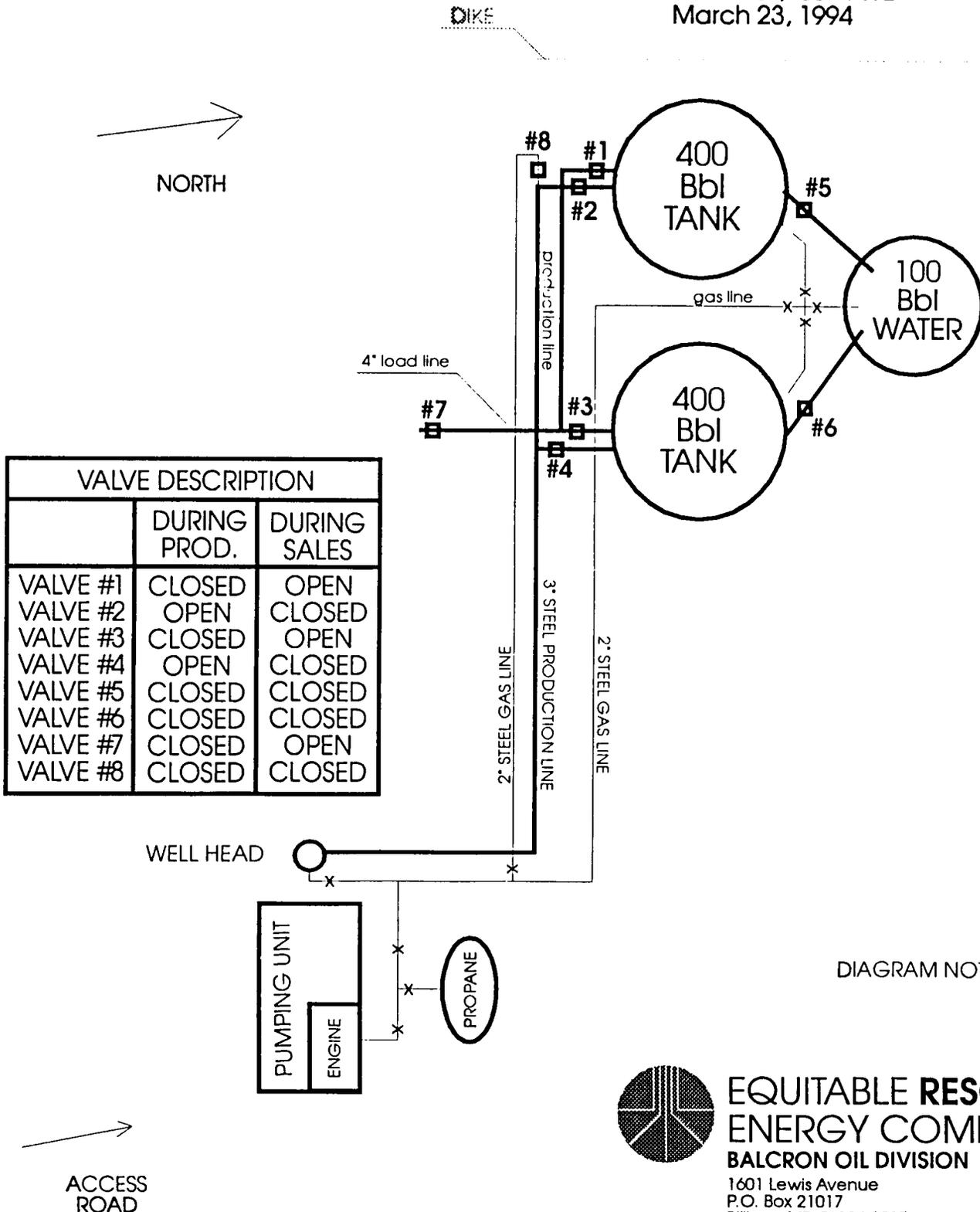
EQUITABLE RESOURCES ENERGY CO.  
 MONUMENT FEDERAL #13-11J  
 MAP "C"



Equitable Resources Energy Company  
 Balcron Monument Federal 13-11J  
 Proposed Production Facility Diagram

EXHIBIT "H"

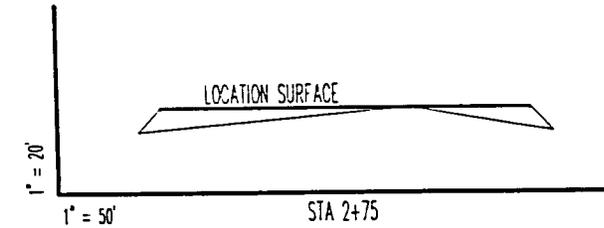
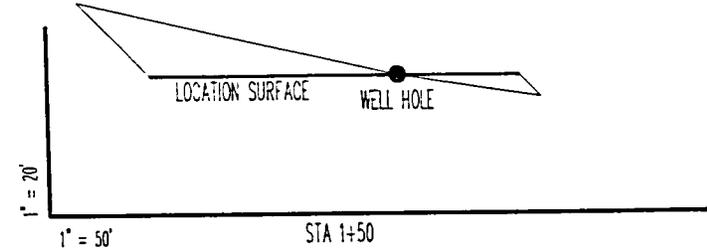
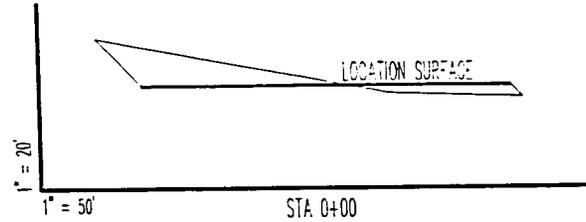
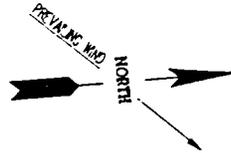
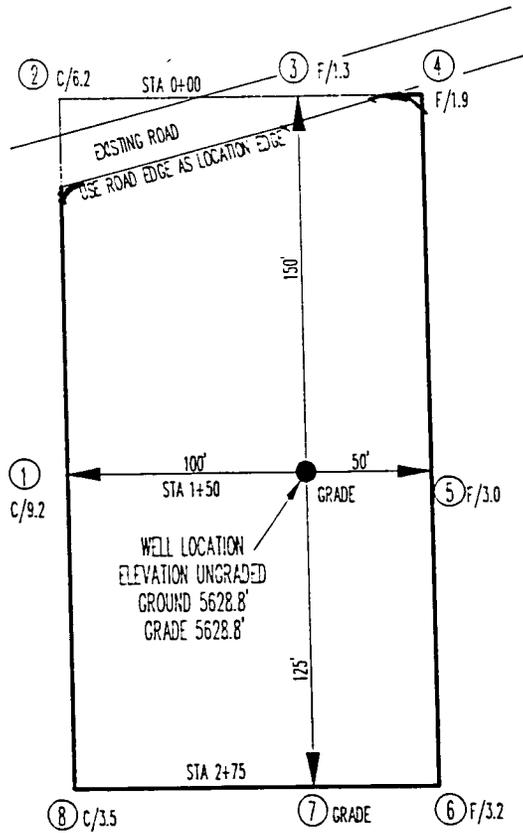
Balcron Monument Federal 13-11J  
 NW SW Sec. 11, T9S, R16E  
 (formerly Goates Federal 2)  
 Duchesne County, Utah  
 Federal Lease #U-096547  
 1819' FSL, 657 FWL  
 March 23, 1994



**EQUITABLE RESOURCES  
 ENERGY COMPANY**  
 BALCRON OIL DIVISION

1601 Lewis Avenue  
 P.O. Box 21017  
 Billings, MT 59104-1017  
 (406) 259-7860

EQUITABLE RESOURCES ENERGY CO.  
BALCRON MONUMENT FEDERAL #13-11J



APPROXIMATE YARDAGE

CUT = 343' Cu Yds  
FILL = 1161' Cu Yds

**TRI-STATE**  
LAND SURVEYING, INC.  
38 WEST 100 NORTH, VERNAL, UTAH 84078  
801-781-2501

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/28/94

API NO. ASSIGNED: 43-013-15790

WELL NAME: MONUMENT FED. 13-11J RE-ENTRY  
OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:  
NWSW 11 - T09S - R16E  
SURFACE: 1819-FSL-0657-FWL  
BOTTOM: 1819-FSL-0675-FWL  
DUCHESNE COUNTY 57  
MONUMENT BUTTE FIELD (105)

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: FED  
LEASE NUMBER: U-096547

RECEIVED AND/OR REVIEWED:

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

LOCATION AND SITING:

R649-2-3. Unit: UTU 72086A  
 R649-3-2. General.  
 R649-3-3. Exception.  
 Drilling Unit.  
 Board Cause no: \_\_\_\_\_  
 Date: \_\_\_\_\_

COMMENTS: Formerly Goates Fed. # 2.  
(Re-surveyed.)

STIPULATIONS: \_\_\_\_\_

CONFIDENTIAL  
PERIOD  
EXPIRED  
ON 8-00-95

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

OPERATOR Diamond Shamrock LEASE U-096547  
 WELL NO. Goates Fed #2 API 43-013-15790  
 SEC. 11 T. 9S R. 16E 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: \_\_\_\_\_

REMARKS: \_\_\_\_\_

ACTION: \_\_\_\_\_

INSPECTOR: W Moore DATE 12-5-85

UTAH DIVISION OF OIL, GAS AND MINING  
EQUIPMENT INVENTORY

Operator: EQUITABLE RESOURCES CO Lease: State:      Federal: Y Indian:       
Fee:     

Well Name: BMF #13-11J API Number: 43-013-15790  
Section: 11 Township: 09S Range: 16E County: DUCHESNE Field: MONUMENT BUTTE  
Well Status: POW Well Type: Oil: Y Gas:     

PRODUCTION LEASE EQUIPMENT: Y CENTRAL BATTERY:     

Y Wellhead      Boiler(s)      Compressor      Separator(s)  
     Dehydrator(s)      Shed(s)      Line Heater(s)      Heated Separator  
     VRU      Heater Treater(s)

PUMPS:  
     Triplex      Chemical      (1) Centrifugal

LIFT METHOD:  
Y Pumpjack      Hydraulic      Submersible      Flowing

GAS EQUIPMENT:  
     Gas Meters      Purchase Meter      Sales Meter

TANKS: NUMBER SIZE

<u>Y</u>	Oil Storage Tank(s)	<u>2-400 OIL TANKS W/BURNERS</u>	
		BBLs	
<u>Y</u>	Water Tank(s)	<u>1-130 PIT TANK</u>	
	Power Water Tank		BBLs
	Condensate Tank(s)		BBLs
<u>1</u>	Propane Tank		

REMARKS: METERED OFF LOCATION. IS FLARING AND SALES ON VISIT. EQUIPMENT IS RUNNING ON RESIDUE GAS. GLYCOL PUMP FOR TRACE SYSTEM.

Location central battery: Qtr/Qtr:      Section:      Township:       
Range:     

Inspector: DENNIS INGRAM Date: 8/23/94

EQUITABLE RESOURCES ENERGY Co

BMF # 13-11J

43-013-15790

SEC 11; T9S; 16E

U-096547

POW

↑ NORTH

MAN Compressor load

BERM AREA

PIT

1-130 PIT TANK

GAS LINES

HEATER/TREATER

PROPANE TANK

2-400 OIL # BURNERS

Pump Jack

WELL HEAD

ENTRANCE

8/23/94

42,381 50 SHEETS 5 SQUARE  
43,386 200 SHEETS 5 SQUARE  
NATIONAL



EQUITABLE RESOURCES  
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue  
P.O. Box 21017  
Billings, MT 59104

Office: (406) 259-7860  
FAX: (406) 245-1365   
FAX: (406) 245-1361

April 11, 1994

-- VIA FAX and FEDEX --

Margie Herrmann  
Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078

Dear Margie:

In response to your recent letter regarding the lack of a drilling fluid program, enclosed is a revised EXHIBIT "D" page 1 which addresses the drilling fluid program for the following well:

Balcron Monument Federal #22-12J RE-ENTRY  
(formerly Walton Federal #5) 43-013-15796  
2017.7' FNL, 2098.5' FWL  
SE NW Section 12, T9S, R16E  
Duchesne County, Utah  
Jonah Unit/Monument Butte Field  
FLS #U-096550

Since the following well is also a Re-entry, I have included a revised EXHIBIT "D" page 1 for that well also. I would appreciate it if you would put that with the APD for this well.

Balcron Monument Federal #13-11J RE-ENTRY  
(formerly Goates Federal #2) 43-013-15790  
1819.3' FSL, 657.5' FWL  
NW SW Section 11, T9S, R16E  
Duchesne County, Utah  
Jonah Unit/Monument Butte Field  
FLS #U-096547

If you have further questions, please let me know.

Sincerely,

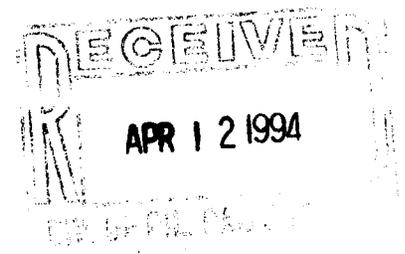
*Bobbie Schuman*

Bobbie Schuman  
Regulatory and Environmental Specialist

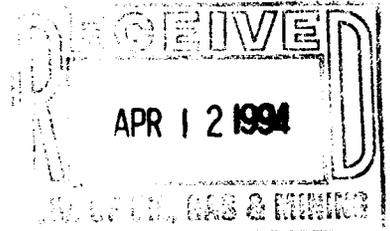
/hs

Enclosures

cc: Utah Division of Oil, Gas and Mining



Balcron Oil  
Balcron Monument Federal #13-11J  
NW SW Sec. 11 Twn. 9S Rge. 16E  
Duchesne County, Utah

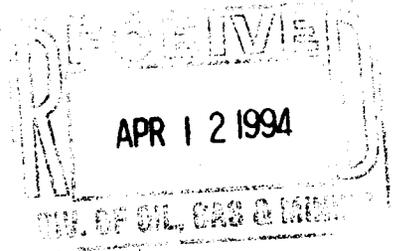


### Re-Entry Procedure

- 1.) Remove dry hole marker. Rebuild casing head and reconstruct 5 1/2" casing back up to surface. Install tubing head.
- 2.) Rebuild access road. Remove and stockpile top soil from old well site.
- 3.) Level location pad area. 150'W X 250'L should be large enough. Dig small working pit. (35' X 35' X 6')
- 4.) Set rig anchors. Move in and rig up completion rig with mud tank and drilling equipment.
- 5.) Install 3000 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 PBTD at 5278'KB. Circulate hole clean with hot 2% KCl water.
- 7.) Trip out. Lay down bit and drill collars. Pick up retrievable bridge plug and casing packer. Trip in hole.
- 8.) Rig up The Western Company and pump acid perf wash on zones of interest.
- 9.) Swab back each zone and test.
- 10.) Put well on pump.

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

Balcron Oil  
Balcron Monument Federal #22-12J  
SE NW Sec.12 Twn.9S Rge.16E  
Duchesne County, Utah



Re-Entry Procedure

- 1.) Remove dry hole marker. Rebuild casing head and reconstruct 5 1/2" casing back up to surface. Install tubing head.
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- 3.) Level location pad area. 150'W X 250'L should be large enough. Dig small working pit. (35' X 35' X 6')
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- 8.) Rig up The Western Company and pump acid perf wash on zones of interest.
- 9.) Swab back each zone and test.
- 10.) Put well on pump.

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



**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 9, 1994

Equitable Resources Energy Company  
P.O. Box 21017  
Billings, Montana 59104

Re: Balcron Monument Federal #13-11J Well (formerly Goates Federal #2), 1819' FSL, 675' FWL, NW SW, Sec. 11, T. 9 S., R. 16 E., Duchesne County, Utah

Gentlemen:

Pursuant to Utah Code Ann. § 40-6-18, (1953, as amended), Utah Admin. R. 649-2-3, Application of Rules to Unit Agreements and R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to redrill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

1. Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules.
2. Notification to the Division within 24 hours after drilling operations commence.
3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
4. Submittal of the Report of Water Encountered During Drilling, Form 7.
5. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or K. Michael Hebertson, Reclamation Specialist, (Home) (801)269-9212.



Page 2

Equitable Resources Energy Company  
Balcron Monument Federal #13-11J Well  
May 9, 1994

6. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-013-15790.

Sincerely,



R.J. Firth  
Associate Director

ldc

Enclosures

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

WO11

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

5. LEASE DESIGNATION AND SERIAL NO.  
U-096547

**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, Balcron Oil Division

3. ADDRESS OF OPERATOR  
 P.O. Box 21017; Billings, MT 59104

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 NW SW Sec. 11, T9S, R16E                      1819.3' FSL, 657.5' FWL  
 At proposed prod. zone  
 43-013-15790

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 From Myton, Utah, approximately 16 miles southwest.

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

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

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

19. PROPOSED DEPTH  
 5,800' 5278' per

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 GL 5628.8'                      Dave McCoskey

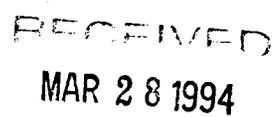
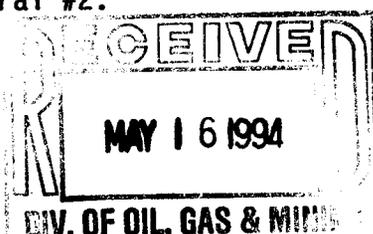
22. APPROX. DATE WORK WILL START\*  
 April 15, 1994

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
	See attached			

This is a RE-ENTRY of the former Goates Federal #2.

See attached for EXHIBITS.



**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 Robbie Schuman                      TITLE Coordinator of Environmental and Regulatory Affairs                      DATE March 25, 1994  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE ASSISTANT DISTRICT MANAGER MINING DATE MAY 09 1994  
 APPROVED BY [Signature] TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

44080-4m-072 NOTICE OF APPROVAL  
 \*See Instructions On Reverse Side

**CONDITIONS OF APPROVAL**  
**APPLICATION FOR PERMIT TO DRILL**

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Monument Federal 13-11J

API Number: 43-013-15790

Lease Number: U-096547

Location: NWSW Sec. 11 T. 9S R. 16E

**NOTIFICATION REQUIREMENTS**

- Location Construction - at least forty-eight (48) hours prior to construction of location and access roads.
- Location Completion - prior to moving on the drilling rig.
- Spud Notice - at least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing - at least twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and Related Equipment Tests - at least twenty-four (24) hours prior to initiating pressure tests.
- First Production Notice - within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

### A. DRILLING PROGRAM

#### 1. Pressure Control Equipment

The BOP and related equipment shall be a functionally operable 2 M system and will be function tested prior to drilling out the surface plug.

#### 2. Casing Program and Auxiliary Equipment

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by remedial cementing. The base of the usable water zone identified at  $\pm 2143$  ft. will need to be isolated by remedial cementing from 1943 - 2143 ft. The Mahogany oil shale zone identified  $\pm 2,931$  ft. will need to be isolated by remedial cementing from 2831 - 3211 ft.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

#### 3. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

#### 4. Coring, Logging and Testing Program

A cement bond log (CBL) will be run from the production casing shoe to  $\pm 1,943$  ft. and shall be utilized to determine the bond quality for the production casing. If the CBL is run prior to remedial cementing the usable water and Mahogany oil and identifies TOC above 1943' condition no. 2 above will be waived. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

5. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

#### 6. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and within 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman (801) 789-7077  
Petroleum Engineer

Wayne Bankert (801) 789-4170  
Petroleum Engineer

BLM FAX Machine (801) 781-4410

## **EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES**

**While the following wastes are nonexempt, they are not necessarily hazardous.**

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

**SURFACE USE PLAN OF OPERATION**  
Conditions of Approval (COAs)

Additional Surface Conditions of Approval

If paleontologic resources are found or uncovered during ground disturbing activities, Balcron will suspend all operations that would further disturb such materials and immediately contact the BLM Authorized Officer.

A complete copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

The operator or his/her contractor shall contact the BLM Office at (801) 789-1362 forty-eight (48) hours prior to construction activities.

The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

If the proposed oil well is scheduled for development between March 15 and August 15, additional surveys for mountain plovers will be required a minimum of 14 days prior to surface disturbance. Contact the Authorized Officer of the BLM for specific procedures.

A silt catchment dam will not be necessary.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

P.O. Box 21017; Billings, MT 59104    (406) 259-7860

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

NW-SW Section 11, T9S, R16E  
1819.3' FSL, 657.5' FWL

5. Lease Designation and Serial No.

U-096547

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

Balcron Monument Fed. #13-11J

9. API Well No.

43-013-15790

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, UTAH

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 Commencement of re-entry of hole
- 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.)\*

Re-entry operations were commenced on this well at 9:40 a.m. 6/20/94.

JUN 22 1994

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

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

Regulatory and  
Title Environmental Specialist

Date June 20, 1994

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.

RECEIVED  
JUN 22 1994  
REGISTRATION

OPERATOR Equitable Resources Energy Company  
Balcron Oil Division  
ADDRESS P.O. Box 21017  
Billings, MT 59104  
(406) 259-7860

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		
B	11492	→	43-013-15790	Balcron Monument Federal #13-11J	NW SW	11	9S	16E	Duchesne	6-20-94	6-20-94
WELL 1 COMMENTS: <i>Entity added 6-23-94. See</i> Spud of a re-entry well. Please add to current Jonah Unit Entity.											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

**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.

Molly Comrad  
Signature  
Operations Secretary 6-20-94  
Title Date  
Phone No. (406) 259-7860

CONFIDENTIAL

Form 3160-5  
(June 1990)

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

SUBMIT IN TRIPLICATE

1. Type of Well  
 Oil Well     Gas Well     Other

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

3. Address and Telephone No.  
 P.O. Box 21017, Billings MT 59104    (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 NW SW Section 11, T9S, R16E  
 1819.3' ESL, 657.5' FWL

5. Lease Designation and Serial No.  
 U-096547

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

7. If Unit or CA, Agreement Designation  
 Jonah Unit

8. Well Name and No.  
 Balcron Monument Fed. #13-11g

9. API Well No.  
 43-013-15790

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

11. County or Parish, State  
 Duchesne County, Utah

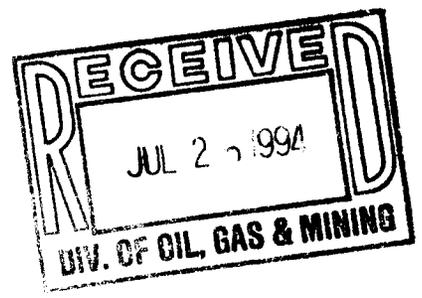
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Report of First Production</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose 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.)\*

First production on this well was on 7-20-94 at 4:30 p.m.



14. I hereby certify that the foregoing is true and correct  
 Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date 7-21-94

(This space for Federal or State office use)  
 Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
 Conditions of approval, if any:

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

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #13-11J

Location: NW SW Section 11, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

PTD:5,750' Formation: Green River

Jonah Unit / Monument Butte

Contractor: Union Drilling

Operator: Balcron/EREC

Spud: 6-20-94 @ 9:40 a.m.

Casing: 9-5/8", 32.3# @ 219'

5-1/2", 15.5# @ 5250'

Tubing: 2-7/8", 6.5# @ 5160' KB

6-20-94 Re-Entry

Clear location, set rig anchors. Dig out csg top & cut off, remove dry-hole marker. Build 5-1/2" back to surface, swedge 9-5/8" back to 8-5/8" & build back to surface. Install 8-5/8" csg head, land 5-1/2" csg w/40,000# tension. NU tbg head, NU BOP, test BOP to 2000#. PU one 4-3/4" drag bit, 1 XO, 1 jt 2-7/8" tbg, 1 XO & power swivel. Tag cmt @ 9' from surface, drill 5', plug came loose, pushed plug down 30', TOO H w/tbg & bit. PU one 4" drill collars, 1 jt 2-7/8" tbg & power swivel. Drill down 6" to 52' KB. Could not drill further. SWIFN.

DC: \$21,409

CC: \$21,409

6-21-94 Re-Entry

CP - 0 psi. Continue drilling, depth 57' KB to 153' KB. Add 3 4-1/8" drill collars, TIH pushing plug to 251'KB. Continue drilling. Bit, bit sub, 4 collars, & 6 jts tbg in hole, 310' KB. TIH w/22 jts 2-7/8" pushing plug to 951' KB. Drill down 1 jt to 981' KB, returns were rubber from 5-1/2" pump down plug & gel. Drill down 2 jts to 1040' KB, returns were cmt & trash. Circ clean. SWIFN.

DC: \$3,653

CC: \$25,062

6-21-94 Re-Entry

Drill 1' to 1041', circ clean, pressure test BOP & csg to 1500 psi - OK. TOO H w/tbg, collars & bit. TIH w/tooth bit, bit sub, six 4-1/8" drill collars & 29 jts 2-7/8" tbg. Continue to drill. Drill cmt to 1335'KB. Circ hole clean. Pull up 2 jts. SWIFN.

DC: \$2,950

CC: \$28,012

6-23-94 Re-Entry

CP - 0. Continue drilling out of cmt @ 1580' KB. Pressure test csg to 1500 psi, held 1 min then went to 0 psi. Pressure up to 1500 psi again - held OK for 10 min. TIH w/4676'KB, pressure test csg to 1500 psi - OK. Drill to 4712'KB. Cmt returns. Circ hole clean. SWIFN.

DC: \$2,665

CC: \$30,677

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #13-11J

Location: NW SW Section 11, T9S, R16E  
Duchesne County, Utah

---TIGHT HOLE---

- 6-24-94 Re-Entry  
Continue drilling. Found cmt to CIBP @ 4880'KB. TIH w/5212'KB, drill to 5213'KB. Circ hole clean. TOOH w/tbg, drill collars & bit. TIH w/4-3/4" blade bit, 5-1/2" csg scraper, & 40 jts 2-7/8" tbg. SWIFN.  
DC: \$2,522 CC: \$33,199
- 6-27-94 Re-Entry  
Continue in hole w/bit & scraper, tag PBSD @ 5213'. TOOH w/tbg, scraper & bit. RU Schlumberger to run Bond Log from 5213' KB to btm of surfac csg @ 227'KB. Could not get in hole because of set up oil @ 1300' from surface. TIH to 2000', circ oil out. RIH w/CBL tool to 5159'KB, log out ot 200' from surface. Found cmt top @ 4490' KB, found cmt bond from 1545' to 1270'KB. Perf 5172'-74' KB, 5150'-62'KB, & 4858'-70'KB (4 SPF). RD Schlumberger. SWIFN.  
DC: \$8,886 CC: \$42,085
- 6-28-94 Re-Entry  
TIH w/5-1/2" RBP, retrieving head, HD packer, SN & 169 jts 2-7/8" tbg. Set BP @ 5195'KB, set packer @ 5167'KB. RU Western to do KCL breakdown on 5172'-74' w/2,940 gallons 2% KCL; ATP 2500 psi, max 2900 psi. ATR 4 BPM, max 5.1 BPM. ISIP 1200. Communicate between 5172'-74' & 5160'-62', reset packer @ 5123'KB, restart breakdown on 5150'-62' & 5172'-74'. Reset BP @ 4914'KB, reset packer @ 4816'KB. RU Western to do break down on 4858'-70' w/3,360 gallons 2% KCL. ATP 1600 psi, max 2900 psi. ATR 4.8 BPM, max 4.8 BPM. ISIP 1000 psi. Made 12 swab runs on 4858'-70' recovered 60 bbls fluid, 10 BW & 50 BW. Last 2 runs FL @ 4650' after 30 min. SI & pull from SN. SWIFD.  
DC: \$6,689 CC: \$48,774

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #13-11J

Location: NW SW Section 11, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

6-29-94 Re-Entry  
TP 450 psi. FL 2500' from surface. Bleed pressure off of well, RU to swab zone @ 4858'-70'.  
7:15 - made swab run, FL was 2500', pulled from SN @ 4816'. Rec'd 14 bbls gas-cut oil.  
7:30 - made swab run, FL 4300', pulled from SN, rec'd 7 bbls water & oil.  
7:50 - swab run, FL 4700', pulled from SN, rec'd 4 bbls 40% oil.  
9:45 - swab run, FL 4300', pulled from SN rec'd 6 bbls oil & wtr.  
10:15 - swab run, was dry  
10:45 - swab run, FL 4600', pulled from SN, rec'd 3 bbls 40% oil  
11:15 - swab run, FL 4700', pulled from SN, rec'd 2 bbls oil & wtr.  
11:45 - Dry run  
12:15 - swab run, FL 4700, pulled from SN, rec'd .5 bbl oil & wtr.  
12:45 - Swab run, FL 4750, pulled from SN, rec'd .5 bbl oil & wtr.  
1:15 - Dry run  
1:30 - Rig swab down & release packer, PU 3 jts 2-7/8" tbg & circ frac balls off plug, used 120 bbls 2% KCL wtr. Release plug & moved down t 5195' KB, set packer @ 5123' KB. RU swab & started to swab zone @ 51150'-5162' & 5172' - 5174'.  
3:45 - swab run, hole was full, pulled from 2000', rec'd 11 BW  
4:00 - swab run, FL 2000', pulled from 3200', rec'd 7 BW.  
4:15 - swab run, FL 3000', pulled from 4200', rec'd 7 BW  
SWIFN.  
DC: \$1,734 CC: \$50,508



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.

U-096547

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

Balcon Monument Fed. #13-11J

9. API Well No.

43-013-15790

10. Field and Pool, or Exploratory Area

Monument Butte/Green 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, Balcron Oil Division

3. Address and Telephone No.

P.O. Box 21017, Billings, MT 59104      (406) 259-7860

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

NW SW Section 11, T9S, R16E

1819.3' ESL, 657.5' FWL

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Site Security Diagram</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose 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.)\*

Attached is the Site Security Diagram for this well.

**CONFIDENTIAL**

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

Signed Dobbie Schuman

Title Regulatory and Environmental Specialist

Date 8-19-94

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

Equitable Resources Energy Company  
 Balcron Monument Federal 13-11J  
 Production Facility Diagram

EXHIBIT "H"

Balcron Monument Federal 13-11J  
 NW SW Sec. 11, T9S, R16E  
 (formerly Goates Federal 2)  
 Duchesne County, Utah  
 Federal Lease #U-096547  
 1819' FSL, 657 FWL  
 March 23, 1994

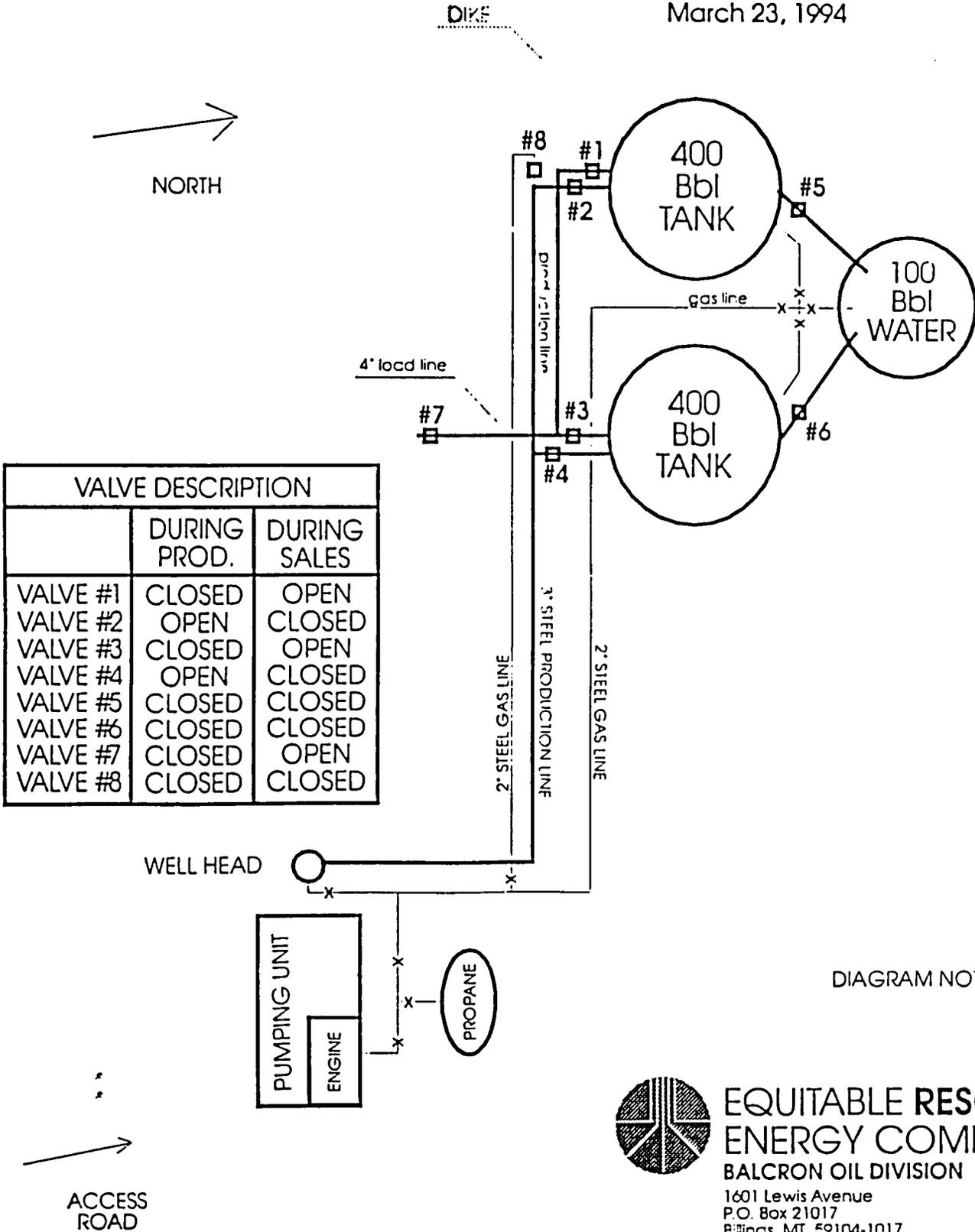


DIAGRAM NOT TO SCALE



**EQUITABLE RESOURCES  
 ENERGY COMPANY**

BALCRON OIL DIVISION

1601 Lewis Avenue  
 P.O. Box 21017  
 Billings, MT 59104-1017  
 (406) 259-7860

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.

U-096547

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

Balconron Monument Fed. #13-11J

9. API Well No.

43-013-15790

10. Field and Pool, or Exploratory Area

Monument Butte/Green 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, Balcron Oil Division

3. Address and Telephone No.

P.O. Box 21017, Billings, MT 59104 (406) 259-7860

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

NW SW Section 11, T9S, R16E  
1819.3' FSL, 657.5' FWL

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

TYPE OF SUBMISSION

TYPE OF ACTION

- Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

- Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other Onshore Order #7

- 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.)\*

Any water produced by this well will be held in a produced water tank and trucked to a commercial disposal facility. The primary facility to be used is the R.N. Industries produced water disposal facility located in Section 9, T2S, R2W in Duchesne County, Utah. A copy of the State-issued permit for that facility is on file at the Vernal Bureau of Land Management. If for some reason the operator is unable to use this primary disposal facility, the produced water will be trucked to another State-approved disposal facility. If applicable, Operator has received approved Right-of-Way access to this well location for the Vernal Bureau of Land Management.

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

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

Signed Bobbie Schuman

Title Regulatory and Environmental Specialist

Date 8-19-94

(This space for Federal or State office use)

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

**REPORT OF WATER ENCOUNTERED DURING DRILLING**

1. Well name and number: Balcron Monument Federal #13-11J

API number: 43-013-15790

2. Well Location: QQ NW SW Section 11 Township 9S Range 16E County Duchesne

3. Well operator: Equitable Resources Energy Company, Balcron Oil Division

Address: P.O. Box 21017

Billings, MT 59104

Phone: (406) 259-7860

4. Drilling contractor: Union Drilling

Address: Drawer 40

Buckhamon, WY 26201

Phone: (304) 472-4610

5. Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
		<b>No measurable water reported</b>	
		<b>during drilling operations.</b>	

6. Formation tops: Geological report submitted separately.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

Date: 8-19-94

Name & Signature: Bobbie Schuman *Bobbie Schuman*

Title: Regulatory and Environmental Specialist

(November 1983)  
(formerly 9-330)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT  DUPLICATE

(See other instructions on reverse side)

Budget Bureau No. 1004-U  
Expires August 31, 1985

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  REPERFORATION  PLUG BACK  DIFF. BEVER.  Other \_\_\_\_\_

**CONFIDENTIAL**

2. NAME OF OPERATOR  
Equitable Resources Energy Company, Paceron Monument

3. ADDRESS OF OPERATOR  
P.O. Box 21017, Billings, MT 59104

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface 1819.3' FSL, 657.5' FWL  
At top prod. interval reported below  
At total depth

**RECEIVED**  
AUG 22 1994

DIVISION OF

14. OIL, GAS & MINING DATE ISSUED  
43-013-15790 | 5-9-94

6. LEASE DESIGNATION AND SERIAL  
U-096547

7. UNIT AGREEMENT NAME  
n/a

8. UNIT AGREEMENT NAME  
Jonah Unit

9. FARM OR LEASE NAME  
Balcron Monument Fed.

10. WELL NO.  
13-11J

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

11. NECU. T., B., N., OR BLOCK AND SURFACE AREA  
NW SW Section 11, T9S, R1E  
R 16E

12. COUNTY OR PARISH  
Duchesne

13. STATE  
Utah

(Re-entered)

15. DATE SPUNDED 6-20-94 | 16. DATE T.D. REACHED 6-27-94 | 17. DATE COMPL. (Ready to prod.) 7-20-94 | 18. ELEVATIONS (UP, AKB, AT, OR, ETC.) \* 5628.8' GL | 19. ELEV. CASINGHEAD n/a

20. TOTAL DEPTH, MD & TVD 5213' | 21. PLUG BACK T.D., MD & TVD | 22. IF MULTIPLE COMPL., HOW MANY \* | 23. INTERVAL UNILLED BY ROTARY TOOLS Sfc - TD | CABLE TOOLS n/a

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) \*  
5174' - 4858' Green River

25. TYPE ELECTRIC AND OTHER LOGS RUN  
No new logs run.

27. WAS WELL CORED  
No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLES SIZE	VENTING RECORD	AMOUNT PULLED
9-5/8"	32.3#	219'	12-1/4"	200 sxs	None
5-1/2"	15.5#	5250'	7-7/8"	93 sxs	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2-7/8"	5160'	n/a

31. PERFORATION RECORD (Interval, size and number)

5172' - 5174' (4 SPF)  
5150' - 5162' (4 SPF)  
4858' - 4870' (4 SPF)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5150'-5174	80 bbls 2% KCL water

33. PRODUCTION

DATE FIRST PRODUCTION 7-20-94 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 1-1/2" Insert Pump | WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-24-94	24	n/a	60	60	N.M.	0	N.M.

FLOW, TUBING PASS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
r/a	n/a	60	60	N.M.	0	34

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

TEST WITNESSED BY  
Dale Griffin

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 Bobbie Schuman TITLE Regulatory and Environmental Specialist DATE 8-19-94

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

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.

SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stems, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			No DST's run.	See Geological report submitted separately.		

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**  
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

**MONTHLY OIL AND GAS PRODUCTION REPORT**

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION  
 EQUITABLE RESOURCES ENERGY  
 1601 LEWIS AVE  
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 3 / 96

AMENDED REPORT  (Highlight Changes)

Well Name API Number      Entity      Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ PARIETTE BENCH FED 43-6 4304731616 10280 09S 19E 6	GRRV					
✓ STATE 16-6 4301331145 11195 09S 17E 16						
✓ FEDERAL 22-25 4304732008 11226 08S 17E 25	GRRV					
✓ FEDERAL 1-26 4304731953 11227 08S 17E 26	GR-WS					
✓ C&O GOVT #1 4301315111 11492 09S 16E 12	GRRV					
✓ C & O GOVT #2 4301315112 11492 09S 16E 12	GRRV					
✓ ALLEN FEDERAL A-1 4301315780 11492 09S 17E 5	GRRV					
✓ GOATES FED. #1 4301315789 11492 09S 16E 11	GRRV					
✓ BALCRON MONUMENT FEDERAL 13-11J 4301315790 11492 09S 16E 11	GRRV					
✓ GOATES FED #3 4301315791 11492 09S 16E 14	GRRV					
✓ WALTON FEDERAL 1 4301315792 11492 09S 16E 11	GRRV					
✓ WALTON FED. #2 4301315793 11492 09S 16E 14	GRRV					
✓ WALTON FEDERAL 4 4301315795 11492 09S 16E 11	GRRV					
<b>TOTALS</b>						

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I hereby certify that this report is true and complete to the best of my knowledge. Date: \_\_\_\_\_  
 Name and Signature: \_\_\_\_\_ Telephone Number: \_\_\_\_\_

UTAH - ALL

Balcron Coyote Fed. #42-6X	Coyote Basin	SE NE	6	8S	25E	Uintah	UT	OSI	Green River	U-017439-B	43-047-32346	1987' FNL, 682' FEL	Vernal	Coyote Basin
Balcron Coyote Fed. #44-6	Coyote Basin	SE SE	6	8S	25E	Uintah	UT	PND	Green River	U-017439B	43-047-32421	560' FSL, 760' FEL	Vernal	Coyote Basin
Balcron Federal #12-20Y	8 Mile Flat N.	SW NW	20	9S	18E	Uintah	UT	Oil	Green River	U-64917	43-047-32617	1980' FNL, 660' FWL	Vernal	
Balcron Federal #12-22Y	8 Mile Flat N.	SW NW	22	8S	17E	Duchesne	UT	Oil	Green River	U-66191	43-013-31476	2105' FNL, 660' FWL	Vernal/Priv.sfc.	
Balcron Federal #21-13Y	Monument Butte	NE NW	13	9S	16E	Duchesne	UT	Oil	Green River	U-64805	43-013-31400	703' FNL, 1831' FWL	Vernal	
Balcron Federal #21-25Y	Monument Butte	NE NW	25	9S	16E	Duchesne	UT	Oil	Green River	U-64380	43-013-31994	500' FNL, 1980' FWL	Vernal	
Balcron Federal #21-9Y	Monument Butte	NE NW	9	9S	16E	Duchesne	UT	Oil	Green River	U-65207	43-013-31396	476' FNL, 2051' FWL	Vernal	
Balcron Federal #22-10Y	Monument Butte	SE NW	10	9S	17E	Duchesne	UT	Oil	Green River	U-65210	43-013-31395	1980' FNL, 1980' FWL	Vernal	
Balcron Federal #24-3Y	Monument Butte	SE SW	3	9S	17E	Duchesne	UT	Oil	Green River	U-64381	43-013-31397	562' FSL, 1887' FWL	Vernal	
Balcron Federal #31-14Y	Undesignated	NW NE	14	9S	19E	Uintah	UT	PND	WASATCH	U-66193		500' FNL, 2740' FWL	Vernal/Priv.sfc.	
Balcron Federal #31-19Y	8 Mile Flat N.	NW NE	19	9S	18E	Duchesne	UT	Oil	Green River	U-65635	43-047-32614	660' FNL, 1880' FEL	Vernal	
Balcron Federal #31-5Y	8 Mile Flat N.	NW NE	5	9S	18E	Uintah	UT	Oil	Green River	U-65970	43-047-32503	660' FNL, 1980' FEL	Vernal	
Balcron Federal #32-19Y	8 Mile Flat N.	SW NE	19	9S	18E	Uintah	UT	Oil	Green River	U-65635	43-047-32615	1980' FNL, 1980' FEL	Vernal	
Balcron Federal #41-19Y	Monument Butte	NE NE	19	9S	17E	Duchesne	UT	Oil	Green River	U-65967	43-047-32504	660' FSL, 660' FEL	Vernal	
Balcron Federal #41-21Y	Monument Butte	NE NE	21	9S	16E	Duchesne	UT	Oil	Green River	U-64379	43-013-31392	970' FNL, 894' FEL	Vernal	
Balcron Federal #42-19Y	8 Mile Flat N.	SE NE	19	9S	18E	Uintah	UT	Oil	Green River	U-65635	43-047-32616	2100' FNL, 500' FEL	Vernal	
Balcron Federal #44-14Y	Monument Butte	SE SE	14	9S	17E	Uintah	UT	Oil	Green River	U-64806	43-047-32438	1008' FSL, 832' FEL	Vernal	
Balcron Federal #44-4Y	8 Mile Flat N.	SE SE	4	9S	17E	Duchesne	UT	Oil	Green River	U-65635	43-013-31452	660' FNL, 660' FEL	Vernal	
Balcron Monument Fed. #11-10-9-17Y		NW NW	10	9S	17E	Duchesne	UT	PND	Green River				Vernal	
Balcron Monument Fed. #11-20-9-18Y	Monument Butte	NW NW	20	9S	18E	Uintah	UT	OIL	Green River	U-64917	43-047-32712	500' FNL, 500' FWL	Vernal	
Balcron Monument Fed. #11-22-8-17Y	Monument Butte	NW NW	22	8S	17E	Duchesne	UT	OIL	Green River	U-66191	43-013-31539	635' FNL, 658' FWL	Vernal	
Balcron Monument Fed. #11-25	Monument Butte	NW NW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32455	739' FNL, 648' FWL	Vernal	
Balcron Monument Fed. #11-6	Monument Butte	NW NW	6	9S	17E	Duchesne	UT	WWV	Green River	U-020252-A	43-013-31362	804' FNL, 696' FWL	Vernal	Jonah
Balcron Monument Fed. #11-7J	Monument Butte	NW NW	7	9S	17E	Duchesne	UT	COMPL-WWV	Green River	U-44426	43-013-31492	681' FNL, 447' FWL	Vernal	Jonah
Balcron Monument Fed. #12-10-9-17Y	Monument Butte	SW NW	10	9S	17E	Duchesne	UT	COMPL	Green River	U-65210	43-013-31536	1994' FNL, 618' FWL	Vernal	
Balcron Monument Fed. #12-11J	Monument Butte	SW NW	11	9S	16E	Duchesne	UT	WWV	Green River	U-096550	43-013-31417	2128' FNL, 689' FWL	Vernal	Jonah
Balcron Monument Fed. #12-12J	Monument Butte	SW NW	12	9S	16E	Duchesne	UT	WWV	Green River	U-096550	43-013-31410	739' FNL, 648' FWL	Vernal	Jonah
Balcron Monument Fed. #12-14J	Monument Butte	SW NW	14	9S	16E	Duchesne	UT	PND	Green River	U-096547	43-013-31488	2004' FNL, 658' FWL	Vernal	Jonah
Balcron Monument Fed. #12-17	Monument Butte	SW NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31431	1980' FNL, 660' FWL	Vernal	Beluga
Balcron Monument Fed. #12-25	Undesignated	SW NW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32526	1486' FNL, 875.7' FWL	Vernal	
Balcron Monument Fed. #12-7J	Monument Butte	SW NW	7	9S	17E	Duchesne	UT	Oil	Green River	U-44426	43-013-31493	1965' FNL, 620' FWL	Vernal	Jonah
Balcron Monument Fed. #13-11J	Monument Butte	NW SW	11	9S	16E	Duchesne	UT	Oil	Green River	U-096547	43-013-15790	1819' FSL, 658' FWL	Vernal	Jonah
Balcron Monument Fed. #13-5	Monument Butte	NW SW	5	9S	17E	Duchesne	UT	WWV	Green River	U-020252	43-013-31370	1980' FSL, 660' FWL	Vernal	Jonah
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	Vernal	Beluga
Balcron Monument Fed. #14-11	Monument Butte	SW SW	11	9S	16E	Duchesne	UT	WWV	Green River	U-096547	43-013-31374	1048' FSL, 446' FWL	Vernal	Jonah



**EQUITABLE RESOURCES**  
**ENERGY COMPANY**

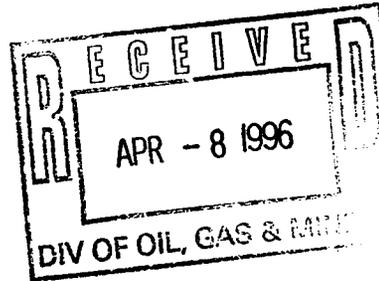
**BALCRON OIL DIVISION**

1601 Lewis Avenue  
Billings, MT 59102

Office: (406) 259-7860  
FAX: (406) 245-1365   
FAX: (406) 245-1361

March 22, 1996

Utah Division of Oil, Gas and Mining  
355 West North Temple  
Salt Lake City, UT 84180



Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

*Bobbie Schuman*  
Bobbie Schuman  
Regulatory and  
Environmental Specialist

/hs

Enclosures

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 listing

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

See attached listing

8. Well Name and Number:

See attached listing

9. API Well Number:

See attached listing

10. Field and Pool, or Wildcat:

See attached listing

1. Type of Well: OIL  GAS  OTHER: See attached listing

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

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

4. Location of Well  
Footages: See attached listing

County: See attached list

QQ, Sec., T., R., M.:

State: UTAH

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

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

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

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

Date of work completion \_\_\_\_\_

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

\* Must be accompanied by a cement verification report.

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

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

APR - 8 1996

13. Name & Signature: Bobbie Schuman  
Bobbie Schuman

Title: Regulatory and Environmental Specialist Date: March 27, 1996

(This space for State use only)

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1	LEP 7-SJ
2	DES 58-FILE
3	VLD GILY
4	RJE
5	LEP
6	FILM

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

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

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-96)

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY COEROM</u> (former operator)	<u>EQUITABLE RESOURCES ENERGY CO</u>
(address)	<u>1601 LEWIS AVE</u>	<u>BALCRON OIL DIVISION</u>
	<u>BILLINGS MT 59102-4126</u>	<u>1601 LEWIS AVE</u>
	phone (406) <u>259-7860</u>	phone (406) <u>259-7860</u>
	account no. <u>N9890</u>	account no. <u>N9890</u>

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

Name: <b>**SEE ATTACHED**</b>	API: <u>D13-15790</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- Yes 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 4-4-96 & 4-8-96)*
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- \* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Yes 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ *(4-10-96)*
- Yes 6. Cardex file has been updated for each well listed above. *(4-11-96)*
- Yes 7. Well file labels have been updated for each well listed above. *(4-11-96)*
- Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(4-10-96)*
- Yes 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

**ENTITY REVIEW**

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

**BOND VERIFICATION (Fee wells only)**

*# 5578314 (\$80,000) Seleo Ins. Co. (Bond Rider In Progress)*

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

**LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY**

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated                      19    , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 4/26/96*
- DTS* 2. Copies of documents have been sent to State Lands for changes involving State leases.  
*Sent to Ed Bonner - Trust Lands*

**FILMING**

- VDR* 1. All attachments to this form have been microfilmed. Date: May 20 1996.

**FILING**

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

**COMMENTS**

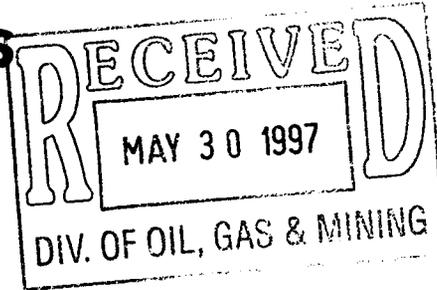
*9/20/10 Blm/BIA "Formal approval not necessary"*



**EQUITABLE RESOURCES**  
ENERGY COMPANY

**WESTERN REGION**

1601 Lewis Avenue  
Billings, MT 59102



Office: (406) 259-7860  
FAX: (406) 245-1365   
FAX: (406) 245-1361

May 27, 1997

Utah Board Of Oil, Gas, & Mining  
1594 West North Temple  
Suite-1220  
Salt Lake City, Utah 84114

In accordance with your request please find enclosed the 1997 produced water analysis for the Uinta Basin waterflood and water disposal operations which are operated by Equitable Resources Energy Company. These water analysis are for wells that are re-injecting or disposing produced water back into the Green River Formation via the following facilities:

Jonah Secondary Recovery Unit  
Beluga Secondary Recovery Unit  
Coyote Basin Secondary Recovery Unit  
Castle Draw (State Section-2) Pilot Waterflood  
Pariette Bench Water Disposal Well #4

Equitable Resources Energy Company inadvertently failed to submit a copy of these water analysis when they were sent to the EPA and BLM. If there are any questions please contact me at our Billings, Montana office at 406-259-7860.

Respectfully,

John Zellitti  
District Production Engineer

## Water Analysis Report

**Customer :** EREC - Western Oil Company  
**Address :** 1601 Lewis Avenue  
**City :** Billings  
**State :** MT      **Postal Code :** 59104-

**Attention :** John Zellitti  
**cc1 :** Dan Farnsworth  
**cc2 :** Joe Ivey  
**cc3 :**

*Jonah Unit*  
**Field :** Monument Butte Field  
**Lease :** Monument Federal Lease  
**Location :** Well No. 13-11  
**Sample Point :** wellhead

**Date Sampled :** 23-Jan-97  
**Date Received :** 23-Jan-97  
**Date Reported :** 08-Feb-97

**Salesman :** Lee Gardiner  
**Analyst :** Karen Hawkins Allen

CATIONS
---------

Calcium :	80	mg/l
Magnesium :	63	mg/l
Barium :	0	mg/l
Strontium :	0	mg/l
Iron :	1.0	mg/l
Sodium :	6394	mg/l
pH (field) :	8.52	
Temperature :	85	degrees F
Ionic Strength :	0.29	
Resistivity :		ohm/meters
Ammonia :		ppm

ANIONS
--------

Chloride:	9,800	mg/l
Carbonate:	72	mg/l
Bicarbonate:	525	mg/l
Sulfate:	108	mg/l
Specific Gravity :	1.015	grams/ml
Total Dissolved Solids :	17,043	ppm
CO2 in Water :	1	mg/l
CO2 in Gas :	0.03	mole %
H2S in Water :	0.0	mg/l
O2 in Water :	0.000	ppm

**Comments :**

**SI calculations based on Tomson-Oddo**

Calcite (CaCO3) SI :	0.79	Calcite PTB :	53.3
Gypsum (CaSO4) SI :	-2.63	Gypsum PTB :	N/A
Barite (BaSO4) SI :	N/A	Barite PTB :	N/A
Celestite (SrSO4) SI :	N/A	Celestite PTB :	N/A

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**  
 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O CRAZY MTN O&G SVS'S  
 EQUITABLE RESOURCES ENERGY  
 PO BOX 577  
 LAUREL MT 59044

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 9 / 97

AMENDED REPORT  (Highlight Changes)

Well Name API Number      Entity      Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
<del>MONUMENT FED 32-6-9-16Y (RE-ENTRY)</del> 4301331300 11211 09S 16E 6	GRRV			1474390		
<del>FEDERAL 1-26</del> 4304731953 11227 08S 17E 26	GR-WS			1467845		
<del>CC&amp;O GOVT #1</del> 4301315111 11492 09S 16E 12	GRRV			1035521	7inch (02) Unit	
<del>CC&amp;O GOVT #2</del> 4301315112 11492 09S 16E 12	GRRV			"		
<del>ALLEN FEDERAL A-1</del> 4301315780 11492 09S 17E 5	GRRV			1020252		
<del>GOATES FED #1</del> 4301315789 11492 09S 16E 11	GRRV			1096547		
<del>CRON MONUMENT FEDERAL 13-11J</del> 4301315790 11492 09S 16E 11	GRRV			1096547		
<del>GOATES FED #3</del> 4301315791 11492 09S 16E 14	GRRV			1096547		
<del>WALTON FEDERAL 1</del> 4301315792 11492 09S 16E 11	GRRV			1096550		
<del>WALTON FED. #2</del> 4301315793 11492 09S 16E 14	GRRV			"		
<del>WALTON FEDERAL 4</del> 4301315795 11492 09S 16E 11	GRRV			"		
<del>MONUMENT FED 22-12J</del> 4301315796 11492 09S 16E 12	GRRV			"		
<del>MONUMENT FED 42-11J</del> 4301330066 11492 09S 16E 11	GRRV			"		
<b>TOTALS</b>						

COMMENTS: \_\_\_\_\_

I hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

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:

Inland Production Company

3. Address and Telephone Number:

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

4. Location of Well

Footages: See Attached Exhibit

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

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allottee 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

County:

State:

### 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 checked="" type="checkbox"/> Other <u>Change of Operator</u> |   |

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 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.)

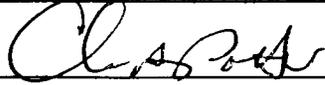
Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was :

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 1 9 1997

13.

Name & Signature: 

**CHRIS A. POTTER, ATTORNEY-IN-FACT**

Date:

9/30/97

(This space for State use only)



**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.*

INLAND

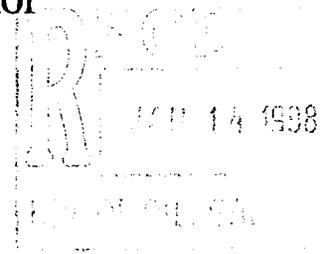
Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
MONUMENT BUTTE #12-12	SWNW 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31410-00	UTU096550	UTU72086A
MONUMENT BUTTE #13-5	NWSW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31370-00		UTU72086A
MONUMENT BUTTE #14-12	SWSW 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31411-00		UTU72086A
MONUMENT BUTTE #21-14	NENW 149S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31421-00		UTU72086A
MONUMENT BUTTE #22-5	SESW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31384-00	UTU020252	UTU72086A
MONUMENT BUTTE #22-12J	SESW 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15796-00	UTU096550	UTU72086A
MONUMENT BUTTE #23-11	NESW 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31369-00	UTU096550	UTU72086A
MONUMENT BUTTE #24-5	SESW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31375-00	UTU020252	UTU72086A
MONUMENT BUTTE #31-7	NWNE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31405-00	UTU72106	UTU72086A
MONUMENT BUTTE #32-11	SWNE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31386-00		UTU72086A
MONUMENT BUTTE #32-12	SWNE 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31419-00		UTU72086A
MONUMENT BUTTE #41-14	NENE 149S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31408-00	UTU096550	UTU72086A
MONUMENT BUTTE #43-11	NESE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31002-00	UTU096550	UTU72086A
MONUMENT BUTTE FED #13-11J	NWSW 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15790-00	UTU096547	UTU72086A
MONUMENT BUTTE FED #31-1J	NW NE 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31413-00	UTU33992	UTU72086A
MONUMENT BUTTE FED #33-11J	NWSE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31451-00	UTU096550	UTU72086A
MONUMENT BUTTE FED #41-12J	NE NE 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31487-00	UTU44426	UTU72086A
MONUMENT BUTTE FED #42-11J	SENE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30066-00	UTU096550	UTU72086A
MONUMENT BUTTE FED #42-12J	SENE 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31486-00	UTU035521	UTU72086A
MONUMENT BUTTE FED. #1-13	NWSW 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30702-00	UTU18399	UTU72086A
MONUMENT BUTTE FED. #1-33	NWSE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30735-00	UTU52013	UTU72086A
MONUMENT BUTTE FED. #11-6	NWNW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31362-00	UTU020252A	UTU72086A
MONUMENT BUTTE FED. #12-11	SWNW 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31417-00	UTU096550	UTU72086A
MONUMENT BUTTE FED. #14-5	SWSW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31385-00	UTU020252	UTU72086A
MONUMENT BUTTE FED. #14-11	SWSW 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31374-00	UTU096547	UTU72086A
MONUMENT BUTTE FED. #23-5	NESW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31383-00	UTU020252	UTU72086A
MONUMENT BUTTE FED. #23-15	NESW 159S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31373-00	UTU017985	UTU72086A
MONUMENT BUTTE FED. #24-6	SESW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31363-00	UTU020252A	UTU72086A
MONUMENT BUTTE FED. #24-12J	SESW 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31409-00	UTU035521A	UTU72086A
MONUMENT BUTTE FED. #32-1J	SWNE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31414-00	UTU33992	UTU72086A
MONUMENT BUTTE FED. #32-15	SWNE 159S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31368-00	UTU017985	UTU72086A
MONUMENT BUTTE FED. #33-6	NWSE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31361-00	UTU020252A	UTU72086A
MONUMENT BUTTE FED. #34-10	SWSE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31416-00	UTU017985	UTU72086A
MONUMENT BUTTE FED. #41-15	NENE 159S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31367-00	UTU017985	UTU72086A
MONUMENT BUTTE FED. #42-1	SENE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31404-00	UTU40652	UTU72086A
MONUMENT BUTTE FED. #42-6	SENE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31364-00	UTU020252A	UTU72086A
MONUMENT BUTTE FED. #44-1J	SESE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31415-00	UTU44426	UTU72086A
MONUMENT FEDERAL #11-7J	NW NW 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31492-00	UTU44426	UTU72086A
MONUMENT FEDERAL #12-7J	SWNW 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31493-00	U-44426	UTU72086A



# 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

January 13, 1998

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

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

Gentlemen:

On January 13, 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 Jonah (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 January 13, 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 Jonah (Green River) Unit Agreement.

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

U-931:TAThompson:tt:1/13/98

WELL STATUS REPORTS  
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM UTU72086A JONAH (GR) SECONDARY RECOVERY UNIT									
UTU72086A	430131511100S1	1	NWSW	12	9S	16E	POW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430131578000S1	1	NWNW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430131577900S1	1	SESE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131578900S1	1	SESW	11	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430131579200S1	1	SESE	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133070200S1	1-13	NWSW	1	9S	16E	WIW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133070300S1	1-14	SWSW	1	9S	16E	POW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133064600S1	1-23	NESW	1	9S	16E	POW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133070100S1	1-24	SESW	1	9S	16E	WIW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133073500S1	1-33	NWSE	1	9S	16E	WIW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133073600S1	1-34	SWSE	1	9S	16E	POW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133073400S1	1-43	NESE	1	9S	16E	POW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133136200S1	11-6	L4	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133149200S1	11-7J	NWNW	7	9S	17E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133088900S1	12-1	NWNE	12	9S	16E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133141700S1	12-11J	SWNW	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133141000S1	12-12J	SWNW	12	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133061100S1	12-5	SWNW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133058200S1	12-6	SWNW	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133149300S1	12-7J	SWNW	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430131579000S1	13-11J	NWSW	11	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133137000S1	13-5	NWSW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133091800S1	13-6	NWSW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133137400S1	14-11	SWSW	11	9S	16E	WIW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133141100S1	14-12J	SWSW	12	9S	16E	WIW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430133138500S1	14-5	SWSW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430131511200S1	2	NWSE	12	9S	16E	POW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430131579300S1	2	NWNE	14	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133060300S1	2-1	L1	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
<del>UTU72086A</del>	<del>430133140600X1</del>	<del>21-12J</del>	<del>NENW</del>	<del>12</del>	<del>9S</del>	<del>16E</del>	<del>ABD</del>	<del>UTU096550</del>	<del>EQUITABLE RESOURCES ENERG</del>
UTU72086A	430133142100S1	21-14J	NENW	14	9S	16E	WIW	UTU096547	EQUITABLE RESOURCES ENERG
<del>UTU72086A</del>	<del>430133142200X1</del>	<del>21-15J</del>	<del>NENW</del>	<del>15</del>	<del>9S</del>	<del>16E</del>	<del>ABD</del>	<del>UTU017985</del>	<del>EQUITABLE RESOURCES ENERG</del>
UTU72086A	430133061200S1	21-5	NENW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133058400S1	21-6	L3	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579600S2	22-12J	SENW	12	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133063400S1	22-15	SENW	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133138400S1	22-5	SENW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133091900S1	22-6	SENW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133136900S1	23-11	NESW	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133137300S1	23-15	NESW	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133138300S1	23-5	NESW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133055800S1	23-6	NESW	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133140900S1	24-12J	SESW	12	9S	16E	POW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430133063100S1	24-15	SESW	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133137500S1	24-5	SESW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133136300S1	24-6	SESW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579100S1	3	NWNW	14	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133061300S1	31-15	NWNE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG

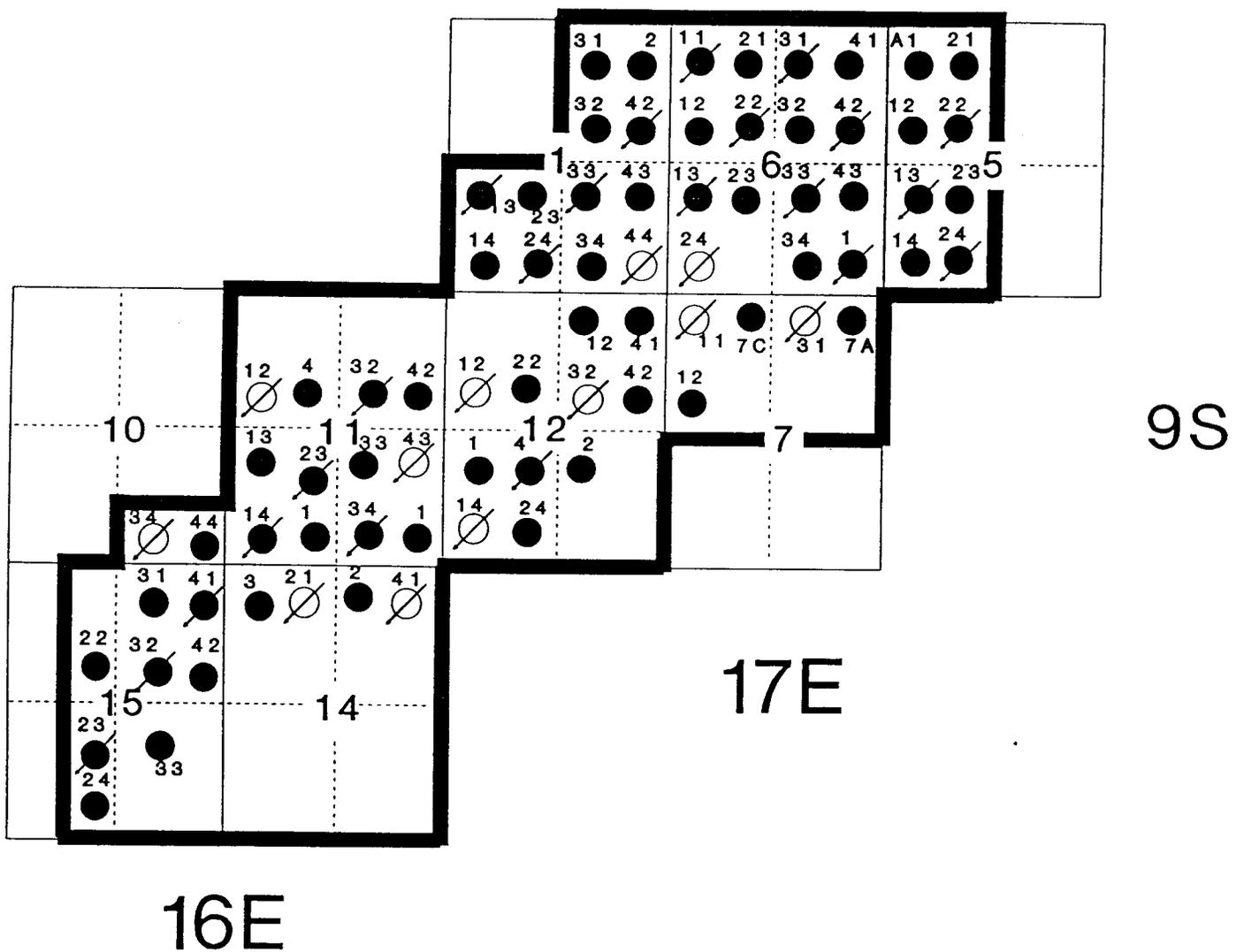
WELL STATUS REPORTS  
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
UTU72086A	430133141300S1	31-1J	L2	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
UTU72086A	430133119500S1	31-6	L2	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133140500S1	31-7J	NWNE	7	9S	17E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133138600S1	32-11	SWNE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133141900S1	32-12J	SWNE	12	9S	16E	WIW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430133136800S1	32-15	SWNE	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133141400S1	32-1J	SWNE	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
UTU72086A	430133055900S1	32-6	SWNE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133145100S1	33-11J	NWSE	11	9S	16E	OSI	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133063200S1	33-15	NWSE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133136100S1	33-6	NWSE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133141600S1	34-10J	SWSE	10	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133100300S1	34-11	SWSE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133058600S1	34-6	SWSE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133074200S1	4	NESW	12	9S	16E	WIW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579500S1	4	SENW	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133148700S1	41-12J	NENE	12	9S	16E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133140800S1	41-14J	NENE	14	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133136700S1	41-15	NENE	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133058100S1	41-6	NENE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133006600S1	42-11J	SENE	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133148600S1	42-12J	SENE	12	9S	16E	POW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430133063300S1	42-15	SENE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133140400S1	42-1J	SENE	1	9S	16E	WIW	UTU40652	EQUITABLE RESOURCES ENERG
UTU72086A	430133136400S1	42-6	SENE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133100200S1	43-11J	NESE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133058300S1	43-6	NESE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133063000S1	44-10	SESE	10	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133141500S1	44-1J	SESE	1	9S	16E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133092600S1	7-A	NENE	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133096100S1	7-C	NENW	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG

# JONAH (GREEN RIVER) UNIT

## DUCHESNE COUNTY, UTAH

EFFECTIVE: JULY 1, 1993



— UNIT OUTLINE (UTU72086A)

4,221.61 ACRES

SECONDARY ALLOCATION FEDERAL 100.00%
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**OPERATOR CHANGE WORKSHEET**

Routing	
1-IEC ✓	6-VA ✓
2-CEH ✓	7-KAS ✓
3-DTS ✓	8-SI ✓
4-VLD ✓	9-FILE ✓
5-IRB ✓	

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

<b>TO:</b> (new operator)	<u>INLAND PRODUCTION COMPANY</u>	<b>FROM:</b> (old operator)	<u>EQUITABLE RESOURCES ENERGY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>PO BOX 577</u>
	<u>ROOSEVELT UT 84066</u>		<u>LAUREL MT 59044</u>
			<u>C/O CRAZY MTN O&amp;G SVS</u>
Phone:	<u>(801)722-5103</u>	Phone:	<u>(406)628-4164</u>
Account no.	<u>N5160</u>	Account no.	<u>N9890</u>

WELL(S) attach additional page if needed:

**\*JONAH (GREEN RIVER) UNIT**

Name: <b>**SEE ATTACHED**</b>	API: <u>43-013-15790</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**

- lec* 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(rec'd 12-10-97)*
- lec* 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(rec'd 10-13-97)*
- N/A* 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_
- lec* 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- lec* 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(1-14-98) \* UIC/Quadr Pro 1-14-98 & UIC/DBase 1-14-98.*
- lec* 6. **Cardex** file has been updated for each well listed above.
- lec* 7. **Well file labels** have been updated for each well listed above.
- lec* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(1-14-98)*
- lec* 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for **reference during routing and processing of the original documents.**

**ENTITY REVIEW**

- J/c 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.  
*Entity 11492 "Jorch (EE) Unit"*
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

**BOND VERIFICATION - (FEE WELLS ONLY)**

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

**LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY**

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

**FILMING**

- V/B 1. All attachments to this form have been **microfilmed**. Today's date: 2-3-98.

**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**

980114 Btm/SY Aprv. eff. 1-13-98.

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

**U-096547**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**JONAH**

8. Well Name and No.

**BALCRON MONUMENT FEDERAL 13-113**

9. API Well No.

**43-013-15790**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

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

**1819 FSL 0657 FWL                      NW/SW Section 11, T09S R16E**

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

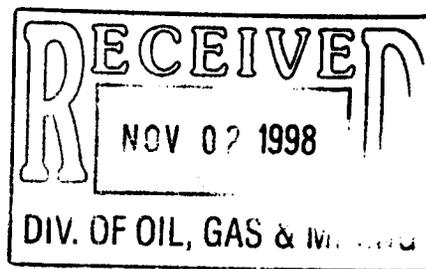
Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other Site Security

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.)\*

Attached please find the site security diagram for the above referenced well.



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

Signed

*Debbie E. Knight*

Title

Manager, Regulatory Compliance

Date

10/28/98

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

**CC: UTAH DOGM**

# Field Production Company Site Facility Diagram

Monument Federal 13-11J

NW/SW Sec. 11, T9S, 16E

Duchesne County

May 12, 1998

Site Security Plan is held at the Roosevelt Office, Roosevelt Utah

**Production Phase:**

- 1) Valves 1 and 3 sealed closed
- 2) Valves 2 and 4 sealed open

**Sales Phase:**

- 1) Valves 1, 2, 4, 5 sealed closed
- 2) Valves 1 open

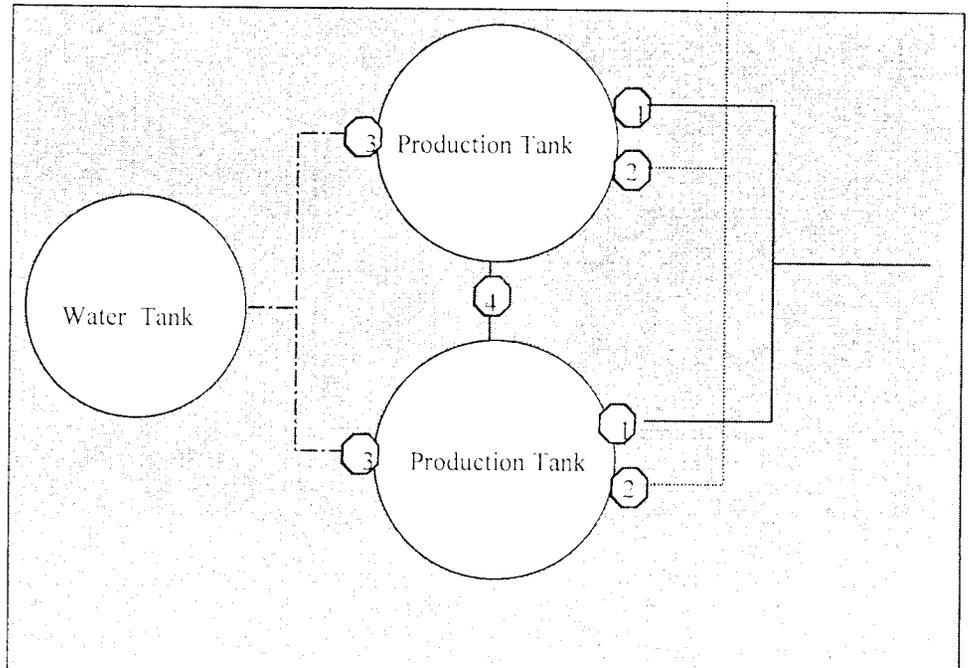
**Draining Phase:**

- 1) Valve 3 open

Diked Section

Gas Sales Meter

Pumping Unit



Emulsion Line	.....
Load Line	————
Water Line	- - - - -
Gas Sales	.....



# United States Department of the Interior



BUREAU OF LAND MANAGEMENT  
Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>

IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

## Memorandum

To: Vernal Field Office  
From: Acting Chief, Branch of Fluid Minerals  
Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

## Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare



## 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 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

**OPERATOR CHANGE WORKSHEET**

<b>ROUTING</b>
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**

<b>FROM:</b> (Old Operator): N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	<b>TO:</b> ( New Operator): N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721
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**CA No.** **Unit:** **JONAH (GREEN RIVER)**

<b>WELL(S)</b>								
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
FEDERAL 2-1	01	090S	160E	4301330603	11492	Federal	OW	P
GOATES FED 1	11	090S	160E	4301315789	11492	Federal	OW	P
MONUMENT FED 13-11J	11	090S	160E	4301315790	11492	Federal	OW	S
WALTON FED 1	11	090S	160E	4301315792	11492	Federal	OW	P
WALTON FED 4	11	090S	160E	4301315795	11492	Federal	OW	P
MONUMENT FED 42-11J	11	090S	160E	4301330066	11492	Federal	OW	P
C&O GOVT 1	12	090S	160E	4301315111	11492	Federal	OW	P
C&O GOVT 2	12	090S	160E	4301315112	11492	Federal	OW	P
MONUMENT FED 22-12J	12	090S	160E	4301315796	11492	Federal	OW	P
GOATES FED 3	14	090S	160E	4301315791	11492	Federal	OW	P
WALTON FED 2	14	090S	160E	4301315793	11492	Federal	OW	P
ALLEN FED A-1	05	090S	170E	4301315780	11492	Federal	WI	A
ALLEN FED 1-6	06	090S	170E	4301315779	11492	Federal	WI	A
ALLEN FED 23-6	06	090S	170E	4301330558	11492	Federal	OW	P
ALLEN FED 32-6	06	090S	170E	4301330559	11492	Federal	OW	P
ALLEN FED 41-6	06	090S	170E	4301330581	11492	Federal	OW	P
ALLEN FED 12-6	06	090S	170E	4301330582	11492	Federal	OW	P
ALLEN FED 43-6	06	090S	170E	4301330583	11492	Federal	OW	P
ALLEN FED 21-6	06	090S	170E	4301330584	11492	Federal	OW	P
ALLEN FED 34-6	06	090S	170E	4301330586	11492	Federal	OW	P

**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		FORM 9
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-096547
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
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.		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Oil Well		<b>8. WELL NAME and NUMBER:</b> MONUMENT FED 13-11J
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>9. API NUMBER:</b> 43013157900000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1819 FSL 0657 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 11 Township: 09.0S Range: 16.0E Meridian: S		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/24/2014  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
		<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>The subject well has been converted from a producing oil well to an injection well on 06/23/2014. On 06/24/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 06/24/2014 the casing was pressured up to 1092 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 760 psig during the test. There was not a State representative available to witness the test.</p>		<p><b>Accepted by the Utah Division of Oil, Gas and Mining</b> June 26, 2014</p> <p><b>Date:</b> _____ <b>By:</b> </p>
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A		<b>DATE</b> 6/25/2014

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company  
Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: \_\_\_\_\_ Date: 6/24/2014 Time: 8:00 A.M.

Test Conducted by: Everett Unruh

Others Present: \_\_\_\_\_

Well:	Balcron Monument Fed. 13-11J-9-16	Field:	Monument Butte
Well Location:	NWSW Sec 11 T9S R16E Duchesne County, UT	API No:	43-013-15790

Time	Casing Pressure
0 min	<u>1094</u> psig
5	<u>1094</u> psig
10	<u>1093</u> psig
15	<u>1093</u> psig
20	<u>1093</u> psig
25	<u>1092</u> psig
30 min	<u>1092</u> psig
35	_____ psig
40	_____ psig
45	_____ psig
50	_____ psig
55	_____ psig
60 min	_____ psig

Tubing Pressure: 760 psig

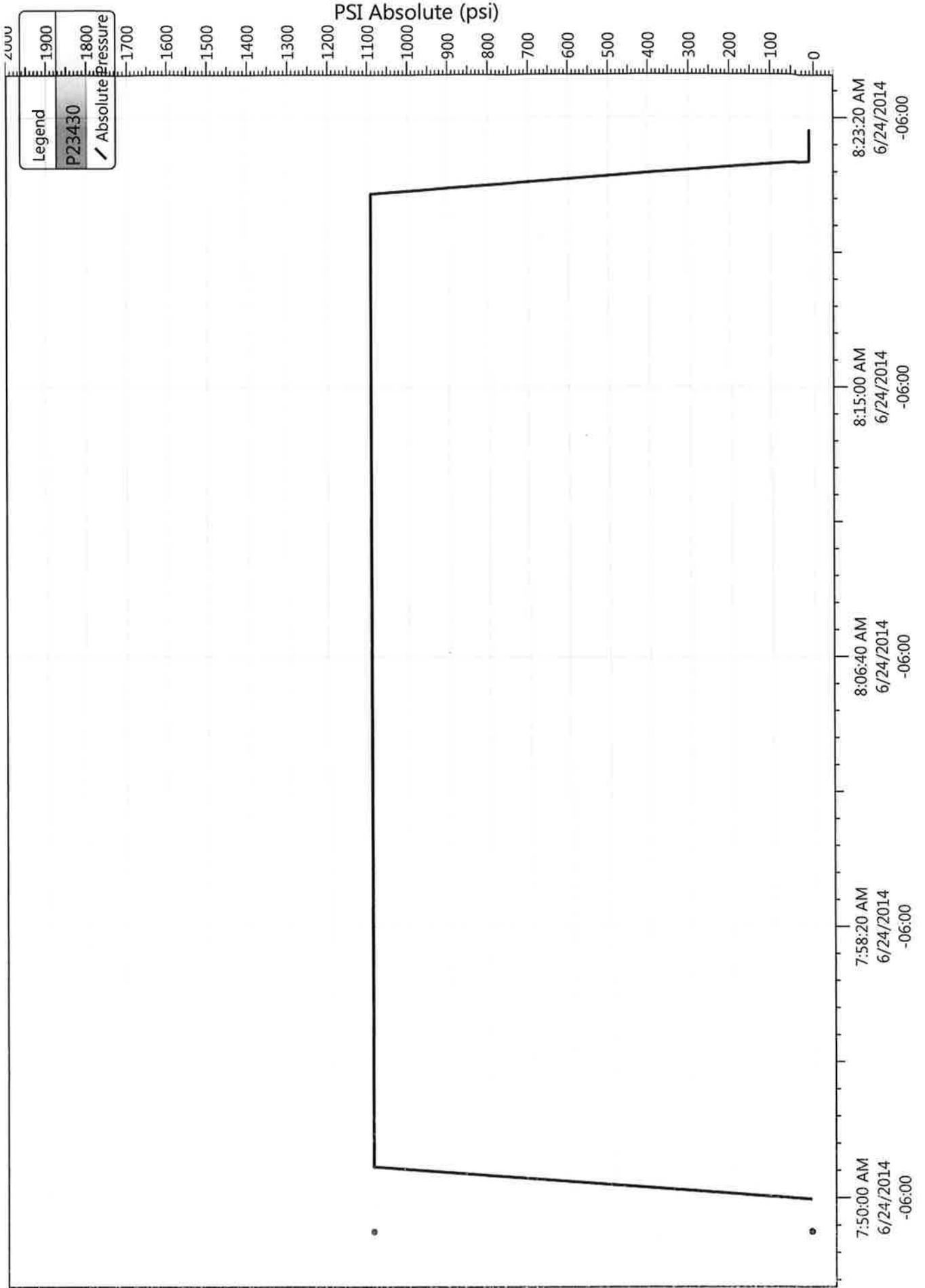
Result:            Pass            Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Everett Unruh

Balcron Monument Federal 13-11J-9-16 (6-24-2014 conversion MIT)

6/24/2014 7:47:33 AM





Well Name: Mon 13-11J-9-16

### Job Detail Summary Report

Primary Job Type Conversion	Job Start Date 5/23/2014	Job End Date 6/24/2014
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**Daily Operations**

Report Start Date 5/23/2014	Report End Date 5/23/2014	24hr Activity Summary MIRU
Start Time 11:00	End Time 13:00	Comment Rig Move, 12:00PM MIRU NC#3, Prep To N/U BOPs, Get All Ready, 12:30PM-1:00PM Send Crew In To Do Timesheets
Start Time 13:00	End Time 13:30	Comment CREW TRAVEL
Report Start Date 5/27/2014	Report End Date 5/27/2014	24hr Activity Summary ND WH, NU BOP, RU RIG FLR, RU TBG EQP, RU S/LINE
Start Time 05:30	End Time 06:00	Comment CREW TRAVEL
Start Time 06:00	End Time 18:30	Comment 6:00AM R/U H/Oiler & Pmp 60BW Down Csg & Up Tbg, OWU, N/D W/H-D, N/U BOPs, R/U Rig Fir, R/U Tbg, Eqp, R/U S/Lne W/ Depthometer, P/U & RIH, Tag Fill @ 52'16", POOH, L/D & R/D S/Lne, TOOH W/154jts 2 7/8 Tbg, S/N, & N/C, Brake & Dope Each Conn W/ Lubon 404G Dope, Flush W/ 50BW Do To Oil On Tbg, L/D S/N & N/C, P/U & RIH W/ Weatherford 2 3/8 Guide Cooler & XN Nipple=1.50, 2 3/8 Tbg Pup=4.25, X/O= .50, 5 1/5 Weatherford Arrow Set Pkr=6.98, On/Off Tool=2.45, 2 7/8 S/N=1.10, Tally Tbg In Hole, Stop Durring Trip 2 Times To Flush Tbg Do To Oil Coming Out Of The Top, TIH W/ 60jts, SWI, 6:30PM CSDf
Start Time 18:30	End Time 19:00	Comment CREW TRAVEL
Report Start Date 5/28/2014	Report End Date 5/28/2014	24hr Activity Summary TIH W/ PKR ASSY, DROP S/LVLE,
Start Time 05:30	End Time 06:00	Comment CREW TRAVEL
Start Time 06:00	End Time 18:30	Comment R/U Advantage H/Oiler & Flush Tbg W/ 40BW @ 200* OWU, TIH W/ Injection Pkr, Tally Tbg In Hole, L/D 1jt & P/U 10' Tbg Sub To Miss Csg Collar, Injection Tally=KB12', 10' Tbg Sub, 153jts 2 7/8 J-55 Tbg=4791', S/N=1.10, On/Off Tool=2.45, Pkr=6.98-C/E=3.30, X/O=50, 2 3/8 Tbg Pup=4.25, XN Nipple=1.50, EOT @ 4829.78, Drop S/Vve, Pmp W/ 30BW, Tbg Would Not Fill, R/U S/Lne & RIH, Push S/Vve To S/N, R/U H/Oiler, Put 500psi On S/Vve, TOOH W/ S/Lne, R/D S/Lne, R/U Isolation Tool To Tbg, Pkr Tst Tbg To 3000psi, Fall Off To 2400psi, Pkr Back Up To 3150psi, Fall Off To 3075psi @ .54psi Per Min & Held For One Hour, Bled Of Pkr, R/U S/Lne W/ Fishing Tool, P/U & RIH, Work To Latch Onto S/Vve, Latch Onto S/Vve, Pull Off Seat, POOH, L/D & R/D S/Lne, P/U 6' Tbg Sub, R/D Tbg Eqp, R/D Rig Fir, N/D BOPs, N/U W/H-D, Pmp 60BW W/Pkr Fluid, N/D W/H-D, Set Pkr In 17K# Tension, L/D 6' Tbg Sub, N/U W/H-D W/Injection Tree, Change Out 2" Vives On Csg(Both Where Leaking), Try To Pkr Csg Up To 1500psi, Could Not Get Pkr Past 1000psi, Was Pumping 1000psi @ 1/2bpm, SWI, 6:30PM CSDfN
Start Time 18:30	End Time 19:00	Comment CREW TRAVEL
Report Start Date 5/29/2014	Report End Date 5/29/2014	24hr Activity Summary TRY TO PSR UP ON CSG, NO LUCK, ND WH, LD TBG PUP & 1 JT TBG, NU WH TRY TO PSR TST, COULD NOT GET OVER 1000 PSI
Start Time 05:30	End Time 06:00	Comment CREW TRAVEL



Well Name: Mon 13-11J-9-16

Job Detail Summary Report

Start Time	06:00	End Time	19:00	Comment
Start Time	19:00	End Time	19:30	Comment
Report Start Date	5/30/2014	Report End Date	5/30/2014	24hr Activity Summary
Start Time	05:30	End Time	06:00	TOOH TBG, LD STINGER, RIH W/ TS PKR, WORK TO FIND TOP OF HOLE, TOH @ 1190'
Start Time	06:00	End Time	17:30	Comment
Start Time	17:30	End Time	18:00	Comment
Report Start Date	6/2/2014	Report End Date	6/2/2014	24hr Activity Summary
Start Time	05:30	End Time	06:00	CONT TIH W/ TBG TO WASH OVER CICR, RU PWR SWIVEL - SWIVEL WAS BROKE - WAIT ON NEW SWIVEL
Start Time	06:00	End Time	18:00	Comment
Start Time	18:00	End Time	18:30	Comment
Report Start Date	6/3/2014	Report End Date	6/3/2014	24hr Activity Summary
Start Time	05:30	End Time	06:00	RU PWR SWIVEL, SWIVEL UP JT ...
Start Time	06:00	End Time	18:00	Comment
Start Time	18:00	End Time	18:30	Comment



Well Name: Mon 13-11J-9-16

Job Detail Summary Report

Report Start Date	Report End Date	24hr Activity Summary	Start Time	End Time	Comment
6/4/2014	6/4/2014	SQUEEZE CEMENT IN HOLE IN CSG	05:30	06:00	CREW TRAVEL
			06:00	17:00	Open well up. TIH w/ NC, SN, 51-jts tbg & 10 ft. tbg sub. EOT @ 1590'. Get injection rate @ 1 bbl min @ 1000 psi. Wait on cement crew. RU halliburton. Hold safety meeting. Spot 20 bbls cement down tbg. TOH w/ tbg. Shut blind rams. Pumped 23 bbls water @ 1 bpm @ 700 to squeeze cement in hole of csg. Wait 15 min. Pressure dropped to 650 psi. Pumped 1 bbl to squeeze cement in hole @ 800 psi. Wait 30 min. Pressure dropped to 667 psi. Pumped 1 bbl to squeeze cement in hole @ 840 psi. Watch for 30 min. Pressure dropped to 704 psi. Pumped 1 bbl to squeeze cement in hole @ 837 psi. Wait 30 min. Pressure dropped to 721 psi. Pumped 1 bbl to squeeze cement in hole @ 858 psi. Wait 30 min. Pressure dropped to 746 psi. Pumped 1 bbl to squeeze cement in hole @ 873 psi. SWI w/ 873 psi. SDFD @ 5:00PM
			17:00	17:30	CREW TRAVEL
6/5/2014	6/5/2014	TIH W/ TBG & TRI CONE BIT, RU SWIVEL, ATTEMPT TO PRESSURE UP. COULD NOT	05:30	06:00	CREW TRAVEL
			06:00	16:00	Open well up. Well had 100 psi on csg. TIH w/ tbg & tri cone bit to tag cement. Tag cement @ 1451'. Could not get circulation. TOH w/ tbg & found the bit sub was plugged. TIH w/ tbg & tri cone bit. RU power swivel. Catch circulation. Clean out cement to 1607'. Circulate well for 30 min. Attempt to pressure up on csg. Could not catch pressure. Injecting in to hole of csg 1 bbl min @ 1000 psi. RD power swivel. TOH w/ tbg & bit. Break off bit. TIH w/ NC, SN, & 39- jts tbg. EOT @ 1199'. Wait on cement crew in the morning. Crew doing maintenance on rig. SDFD @ 4:00PM
			16:00	16:30	CREW TRAVEL
6/6/2014	6/6/2014	SQUEEZE CEMENT INTO HOLE IN CSG.	05:30	06:00	CREW TRAVEL
			06:00	15:30	Open well up. RU Pro Petro to squeeze cement. Hole safety meeting. Flush tbg w/ 7 bbls water. Spot 20 bbls cement down tbg. TOH w/ tbg. Squeeze 23 bbls cement in hole of csg @ .5 bbls min @ 1000 psi. Wait 30 min. Pressure dropped to 600 psi. Squeeze 1 bbl cement in hole of csg @ 1100 psi. Wait 30 min. Pressure dropped to 700 psi. Squeeze 1bbl cement in hole of csg @ 1055 psi. Wait 30 min. Pressure dropped to 780 psi. Squeeze 1 bbl cement in hole of csg @ 1250 psi. Wait 30 min. Pressure dropped to 780 psi. Squeeze .5 bbl cement in hole of csg @ 1900 psi. SWI w/ 1200 psi on csg. Left .5 bbl cement in csg. RD cement crew. Send crew in to do time sheets. SDFD @ 3:30
			15:30	16:00	CREW TRAVEL
6/9/2014	6/9/2014	RIH W/ TRI CONE BIT, TQAG CEMENT @ 1236', R/U PWR SWVL, DRILL CEMENT F/ 1236' TO 1521'	05:30	06:00	CREW TRAVEL
			06:00	18:30	6:00AM OWL, P/U & RIH W/ Tricone Bit, Bit Sub, S/N, & Tbg, Tag Cement @ 1236', R/D Tbg Eqp. R/U PWR Swvl, R/U Rig Pmp, Brake Circulation, Drill Cement F/1236' To 1521', Cement Drilling @ 35' Per Hour, Circulate Hole Clean, POOH W/ 60' Of Tbg, SWI, 6:30PM CSDFN



Well Name: Mon 13-11J-9-16

Job Detail Summary Report

Start Time	18:30	End Time	19:00	Comment	CREW TRAVEL
Report Start Date	6/10/2014	Report End Date	6/10/2014	24hr Activity Summary DRILL CEMENT F/ 1520' TO 1590' FELL THROUGH CEMENT	
Start Time	05:30	End Time	06:00	Comment	CREW TRAVEL
Start Time	06:00	End Time	17:30	Comment	6:00AM OWU, RIH W/ Tbg, Tag Cement, R/U Rig Pmp, Brake Circulation, Drill Cement F/1520' To 1590', Fell Through Cement, Circulate Hole Clean, Work In Hole W/ Tbg To 1615', Was Hitting Stringers Of Cement, SWI, Psr Tst Csg & Squeeze To 1500psi, Psr Bled Off To 1300psi @ 15psi Per Min, Fell To 1150psi @ 2.66psi Per Min, Fell To 1080psi @ .667psi Per Min, Bumped Back Up To 1500psi, Bled Off To 1300psi @ 14psi Per Min, 1250psi @ 2.67psi Per Min, & Fell To 1195 @ .33psi Per Min, Bled Of Psr, OWU, TOOH W/ Bit & Bit Sub, P/U & RIH W/ N/C, S/N, 53jts 2 7/8 J-55 Tbg & 6' Tbg Sub, EOT @ 1589.30, SWI, Wait On Halliburton Cement Crew To Squeeze Well In The AM, Clean Rig, Tear Down Fluid End Of Mud Pmp, Replace One Valve, 5:30PM CSDFN
Start Time	17:30	End Time	18:00	Comment	CREW TRAVEL
Report Start Date	6/11/2014	Report End Date	6/11/2014	24hr Activity Summary R/U HALLIBURTON CREW TO DO CEMENT SQUEEZE.	
Start Time	05:30	End Time	06:00	Comment	CREW TRAVEL
Start Time	06:00	End Time	17:00	Comment	6:00AM Safety Meeting @ Newfield Office, 7:00AM OWU, R/U Halliburton Crew To Do Cement Squeeze, H2O In ZHO Tank Had To High PH For Cement(12PH), Wait On Water Truck, Prime & Fill Halliburton Trucks, Psr Tst All Lines & Valves, Fill Hole & Circulate 2BW, SWI, Psr Well Up To 1600psi, Bled Off To 1260psi @ 22.6psi Per Min, OWU Pmp 15bbis 12.2# Cement, Displace W/5BW, POOH To 865', R/U Halliburton To Csg & Circulate W/10BW@1.5bpm To Make Sure No Cement Was In Tbg, TOOH W/Tbg, Fill Well, SWI, Psr Squeeze Up To 2000psi W/Halliburton Truck Hooked Up To Csg, Wait 15min, Was Losing Psr @ 39.13psi Per Min, Bumped Back Up, Was Injecting @ .3bpm @ 1970psi, Displace W/3BW, Final Pmp Psr 1630psi, Hesitate 5 More Times 2 W/1/2bbis & 3 W/1/4bbis, Final Psr 1557psi, SWI, Clean Out Pmp Trucks, R/D & M/O Halliburton Cement Crew, 5:00PM CSDFN
Start Time	17:00	End Time	17:30	Comment	CREW TRAVEL
Report Start Date	6/12/2014	Report End Date	6/12/2014	24hr Activity Summary CEMENT NOT SET, WAIT UNTIL MORN & CHECK CEMENT, RIG MAINT.	
Start Time	05:30	End Time	06:00	Comment	CREW TRAVEL
Start Time	06:00	End Time	13:30	Comment	6:00AM OWU Csg Psr @ 1000psi, P/U & RIH W/ Bit, Bit Sub & Tbg, EOT @ 865', SWI, Cement Not Set Up, Cement Sample Still Not Set Up @ Ali, Call Engineer & Decide To Wait Till Morn & Check Cement, Work On Rig, Repair Lights, Change Oil In Mud Pmp, 1:30PM CSDFN
Start Time	13:30	End Time	14:00	Comment	CREW TRAVEL
Report Start Date	6/13/2014	Report End Date	6/13/2014	24hr Activity Summary CEMENT NOT SET UP	
Start Time	05:30	End Time	06:00	Comment	CREW TRAVEL



Well Name: Mon 13-11J-9-16

Job Detail Summary Report

Start Time	06:00	End Time	13:00	Comment
Start Time	13:00	End Time	13:30	CREW TRAVEL
Report Start Date	6/16/2014	Report End Date	6/16/2014	24hr Activity Summary
Start Time	05:30	End Time	06:00	CEMENT NOT HARDENED UP DOWN HOLE, TALKED TO HALLIBURTON ENGINEER & BEN KRUGMAN - SUGGESTED ANOTHER SQUEEZE
Start Time	06:00	End Time	15:00	CREW TRAVEL
Start Time	06:00	End Time	15:00	6:00AM OWU, Cement Samples Hardend Up Over Weekend, RIH, Cement Not Hardend Up Down Hole, Swl Up @ 1334', R/U Rig Pmp, Circulate Hole Clean, Circulating Up Green Cement, Talk To Halliburton Engineer, He Suggested That We Drill It Up & Tst. Said It Could Be Until Wednesday Before Cement Hardens, Wash & Drill Cement To 1616(2hrs), Circulate Hole Clean, L/D 1jt Tbg, SWI, Psr Tst Well To 1500psi, Psr Fell To 1050psi @ 4.29psi Per Min, Bumped Back Up To 1505psi, Psr Fell To 1060psi @ 4.94psi Per Min, Talked To Halliburton Engineer & Ben Krugman, Halliburton Engineer Suggest Another Squeeze, R/D Pwr Swl, R/U Tbg Eqp, TOOH W/ Bit Sub & Bit, P/U & RIH W/ N/C & S/N, EOT @ 1582', SWI, Wait On Halliburton To Squeeze.
Report Start Date	6/17/2014	Report End Date	6/17/2014	24hr Activity Summary
Start Time	05:30	End Time	06:00	TOOH W/ Tbg To 865
Start Time	06:00	End Time	19:00	CREW TRAVEL
Report Start Date	6/18/2014	Report End Date	6/18/2014	24hr Activity Summary
Start Time	05:30	End Time	06:00	Wait for cement to set up
Start Time	06:00	End Time	14:30	OWU, Wait On Halliburton To Squeeze Well, R/U Halliburton, Fill Hole & Check For Circulation, Well Circulating, Psr Tst All Lines, Pmp 10BW H2O Flush, Pmp 15bbbs Cement, Pmp 5BW, TOOH W/ Tbg To 865', R/U Halliburton To Csg, Flush W/10BW, TOOH W/ Tbg, Fill Well W/2BW, Shut Blind Rams, Psr Csg Up To 2700psi W/ 1/2BW, Wait 30 Min, Psr @ 2550psi, Psr Back Up To 2700psi, SWI, Leave Psr On Well, R/D Halliburton
Report Start Date	6/19/2014	Report End Date	6/19/2014	24hr Activity Summary
Start Time	05:30	End Time	06:00	CREW TRAVEL
Start Time	06:00	End Time	14:30	C/T/vl
Start Time	14:30	End Time	15:00	Check Psr On Well, Psr @ 1500psi, Cement In Surface Sample Not Set Up, Called Halliburton & They Suggested To Wait A Day For It To Set Up, They Based This On There Lab Sample, Work & Clean On Rig, Change Out & Repair Tie Rod Ends
Report Start Date	6/19/2014	Report End Date	6/19/2014	24hr Activity Summary
Start Time	05:30	End Time	06:00	Wait 24hrs To Let Squeeze Set Up Better
Start Time	06:00	End Time	14:00	C/T/vl
Start Time	06:00	End Time	14:00	Check Psr On Well, Psr @ 650psi, OWU, Surface Sample Set Up Hard, P/U & RIH W/ Bit & Bit Sub, Tag Cement @ 991', R/U RBS Pwr Swl, R/U Rig Pmp, Brake Circulation, Drill On Cement, Drill 2jts @ 10min Per Jt, Stop Drilling @ 1051', Call Engineer & LOE Forman On Loc, All Decide To Wait 24hrs To Let Squeeze Set Up Better, SWI, Repair Lights On Doghouse, LOE Forman Inspect Rig, Clean Up Drilling Yard, 2:00PM CSDFN



Well Name: Mon 13-11J-9-16

Job Detail Summary Report

Start Time	14:00	End Time	14:30	Comment
Report Start Date	6/20/2014	Report End Date	6/20/2014	24hr Activity Summary
Start Time	05:30	End Time	06:00	Pressure test well
Start Time	06:00	End Time	17:00	Comment
Start Time	17:00	End Time	17:30	OWU, R/U Pwr Swvel, R/U Rig Pmp, Brake Circulation, Drill F/991' To 1616', First Jts Drilling @ 7min Per Ft, Last 4jts Drill @ 30Min Per Ft, Circulate The Hole Clean, SWI, Psr Csg Up To 1500psi, Psr Fell Off Fast, Check BOPs, Pipe Rams Leaking, OWU, Change Out Pipe Rams On BOPs, SWI, Psr Well Back Up To 1450psi, Well Fell To 1410psi In One Hour @ .67psi Per Min, From 1410psi To 1400psi @ .33psi Per Min, Held 1400psi For One Hour, 4:00PM-5:00PM Send Crew To Newfield Office To Fill Out Timesheets
Start Time	17:00	End Time	17:30	Comment
Report Start Date	6/23/2014	Report End Date	6/23/2014	24hr Activity Summary
Start Time	05:30	End Time	06:00	Pressure Test Well
Start Time	06:00	End Time	17:30	Comment
Start Time	17:30	End Time	18:00	Check Psr On Csg Psr @ 1060psi, Holding Solid, R/U RBS Pwr Swvl, R/U Rig Pmp, Brake Circulation, Drill To RBP @ 1692', Circulate Hole Clean, TOOH W/ Drill Bit, P/U & RIH W/ Weatherford Retrieving Head, Latch Onto RBP, Circulate Hole Clean, Weatherford Hand Release RBP, R/D RBS Pwr Swvl, TOOH W/ RBP, L/D RBP, P/U & RIH W/ Guid Collar, X/N Nipple, 4' 2 3/8 Tbg Sub, X/O, 5 1/2 Arrow Set Pkr, On/Off Tool, S/N, 153jts 2 7/8 Tbg, & 10' 2 7/8 N-80 Tbg Pup, Pmp 20BW Pre Flush, Drop S/Vlve, Fill W/ 10BW, Psr Tst Tbg To 3100psi, Psred Up To 3200psi In 1/2hr, Good Tst, Bled Off Psr, R/U S/Lne W/ Fishing Tool, P/U & RIH, Latch Onto S/Vlve, Pull Off Seat, POOH, L/D & R/D S/lne, P/U 6' Tbg Sub, R/D Tbg Eqp, R/D Rig Fir, N/D BOPs, N/U W/H-D, Pmp 60BW W/ Pkr Fluid In It, Set Pkr In 17K# Tension, L/D 6' Tbg Sub, N/U W/H-D, Fill Csg, Psr Tst Csg, Pmp Up To 1450psi, Fell Off To 1380psi, Fell Off @ .33psi, Held For 30min & Fell Off @ .33psi Again, Hold Psr Over Night & Check In The AM To See If It Has Tsted
Start Time	17:30	End Time	18:00	Comment
Report Start Date	6/24/2014	Report End Date	6/24/2014	24hr Activity Summary
Start Time	05:30	End Time	06:00	Check psr on csg, perform MIT
Start Time	06:00	End Time	17:30	Comment
Start Time	06:00	End Time	17:30	CREW TRAVEL
Start Time	06:00	End Time	17:30	Comment
Start Time	06:00	End Time	17:30	6:00AM Check Psr On Csg, Psr @ 1220psi, Call For MIT, Newfield MIT Hand Came & MITed Well, 9:00PM R/D & M/O NC#3. On 06/24/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 06/24/2014 the casing was pressured up to 1092 psig and charred for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 760 psig during the test. There was not a State representative available to witness the test.
Start Time	06:00	End Time	17:30	Final Report

**NEWFIELD**

**Schematic**

**Well Name: Mon 13-11J-9-16**

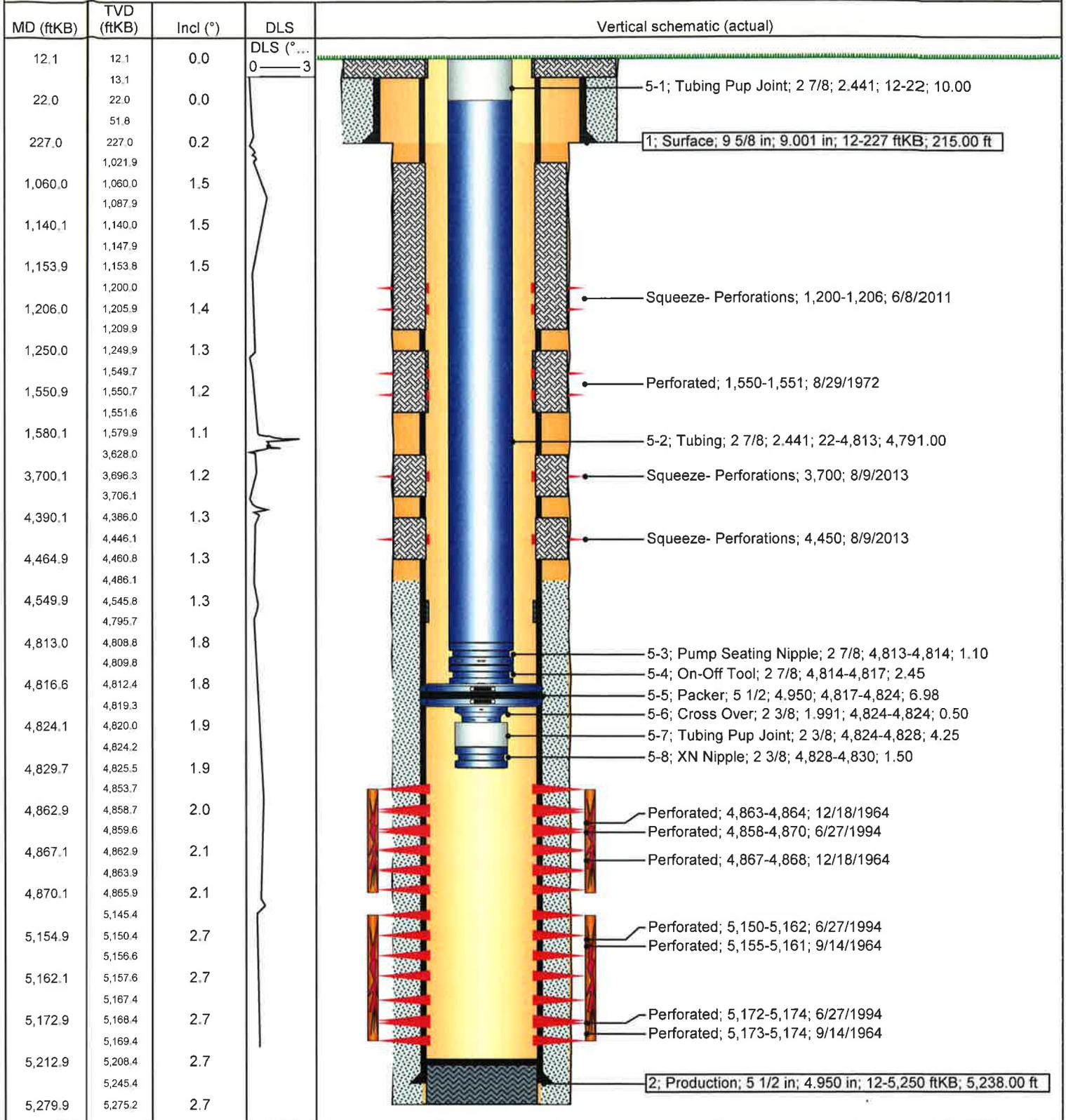
Surface Legal Location 1819' FSL & 657' FWL (NWSW) SECTION 11-T9S-R16E		API/UWI 43013157900000	Well RC 500151018	Lease	State/Province Utah	Field Name GMBU CT B5	County DUCHESNE
Spud Date 8/23/1964	Rig Release Date 9/10/1964	On Production Date 9/19/1964	Original KB Elevation (ft) 5,642	Ground Elevation (ft) 5,630	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,213.0	

**Most Recent Job**

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 5/23/2014	Job End Date 6/24/2014
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**TD: 5,280.0**

Vertical - Original Hole, 6/25/2014 8:44:32 AM



**NEWFIELD****Newfield Wellbore Diagram Data  
Mon 13-11J-9-16**

Surface Legal Location 1819' FSL & 657' FWL (NWSW) SECTION 11-T9S-R16E			API/UWI 43013157900000		Lease	
County DUCHESNE		State/Province Utah		Basin		Field Name GMBU CTB5
Well Start Date 6/20/1994		Spud Date 8/23/1964		Final Rig Release Date 9/10/1964		On Production Date 9/19/1964
Original KB Elevation (ft) 5,642	Ground Elevation (ft) 5,630	Total Depth (ftKB) 5,280.0		Total Depth All (TVD) (ftKB)		PBSD (All) (ftKB) Original Hole - 5,213.0
<b>Casing Strings</b>						
Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	8/23/1964	9 5/8	9.001	32.30	H-40	227
Production	9/9/1964	5 1/2	4.950	15.50	J-55	5,250
<b>Cement</b>						
<b>String: Surface, 227ftKB 8/23/1964</b>						
Cementing Company			Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 227.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description w/ 2% HA5			Fluid Type Lead	Amount (sacks) 200	Class	Estimated Top (ftKB) 12.0
<b>String: Production, 5,250ftKB 9/10/1964</b>						
Cementing Company			Top Depth (ftKB) 4,490.0	Bottom Depth (ftKB) 5,280.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 120 cubic feet with 10% salt			Fluid Type Lead	Amount (sacks)	Class Pozmix	Estimated Top (ftKB) 4,490.0
<b>String: Production, 5,250ftKB 8/30/1972</b>						
Cementing Company			Top Depth (ftKB) 4,550.0	Bottom Depth (ftKB) 4,800.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description			Fluid Type	Amount (sacks) 30	Class	Estimated Top (ftKB) 4,550.0
<b>String: Production, 5,250ftKB 8/30/1972</b>						
Cementing Company			Top Depth (ftKB) 1,250.0	Bottom Depth (ftKB) 1,552.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description			Fluid Type Squeeze	Amount (sacks) 100	Class	Estimated Top (ftKB) 1,250.0
<b>String: &lt;String?&gt; 8/30/1972</b>						
Cementing Company			Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 13.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description			Fluid Type Squeeze	Amount (sacks) 20	Class	Estimated Top (ftKB) 12.0
<b>String: &lt;String?&gt; 8/30/1972</b>						
Cementing Company			Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 13.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description			Fluid Type	Amount (sacks) 5	Class	Estimated Top (ftKB) 12.0
<b>String: &lt;String?&gt; 8/30/1972</b>						
Cementing Company			Top Depth (ftKB) 1,250.0	Bottom Depth (ftKB) 1,552.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description			Fluid Type Squeeze	Amount (sacks) 100	Class	Estimated Top (ftKB) 1,250.0
<b>String: &lt;String?&gt; 6/8/2011</b>						
Cementing Company			Top Depth (ftKB) 1,088.0	Bottom Depth (ftKB) 1,206.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description			Fluid Type Squeeze	Amount (sacks) 25	Class PL II	Estimated Top (ftKB) 1,088.0
<b>String: &lt;String?&gt; 6/13/2011</b>						
Cementing Company			Top Depth (ftKB) 1,060.0	Bottom Depth (ftKB) 1,140.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description			Fluid Type Lead	Amount (sacks) 25	Class G	Estimated Top (ftKB)
Fluid Description			Fluid Type Tail	Amount (sacks) 50	Class PL II	Estimated Top (ftKB)
<b>String: &lt;String?&gt; 8/2/2013</b>						
Cementing Company			Top Depth (ftKB) 1,148.0	Bottom Depth (ftKB) 1,154.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description			Fluid Type Squeeze	Amount (sacks)	Class	Estimated Top (ftKB) 1,148.0
<b>String: &lt;String?&gt; 8/6/2013</b>						
Cementing Company			Top Depth (ftKB) 1,022.0	Bottom Depth (ftKB) 1,210.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description			Fluid Type Squeeze	Amount (sacks)	Class	Estimated Top (ftKB) 1,149.0
<b>String: &lt;String?&gt; 8/12/2013</b>						
Cementing Company			Top Depth (ftKB) 4,390.0	Bottom Depth (ftKB) 4,465.0	Full Return?	Vol Cement Ret (bbl)

# NEWFIELD

## Newfield Wellbore Diagram Data Mon 13-11J-9-16



Fluid Description <sup>1</sup>	Fluid Type Squeeze	Amount (sacks)	Class G	Estimated Top (ftKB) 4,390.0
--------------------------------	-----------------------	----------------	------------	---------------------------------

String: <String?> 8/13/2013

Cementing Company	Top Depth (ftKB) 3,632.0	Bottom Depth (ftKB) 3,710.0	Full Return?	Vol Cement Ret (bbl)
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Fluid Description <sup>1</sup>	Fluid Type Squeeze	Amount (sacks)	Class G	Estimated Top (ftKB) 3,632.0
--------------------------------	-----------------------	----------------	------------	---------------------------------

### Tubing Strings

Tubing Description <sup>1</sup> Tubing	Run Date 5/28/2014	Set Depth (ftKB) 4,829.8
---	-----------------------	-----------------------------

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btn (ftKB)
Tubing Pup Joint	1	2 7/8	2.441	6.50	N-80	10.00	12.0	22.0
Tubing	153	2 7/8	2.441	6.50	J-55	4,791.00	22.0	4,813.0
Pump Seating Nipple	1	2 7/8				1.10	4,813.0	4,814.1
On-Off Tool		2 7/8				2.45	4,814.1	4,816.6
Packer	1	5 1/2	4.950			6.98	4,816.6	4,823.5
Cross Over		2 3/8	1.991			0.50	4,823.5	4,824.0
Tubing Pup Joint		2 3/8			N-80	4.25	4,824.0	4,828.3
XN Nipple		2 3/8				1.50	4,828.3	4,829.8

### Rod Strings

Rod Description	Run Date	Set Depth (ftKB)					
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btn (ftKB)

### Perforation Intervals

Stage#	Zone	Top (ftKB)	Btn (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
3		1,200	1,206	3	120	0.360	6/8/2011
		1,550	1,551	4			8/29/1972
		3,700	3,700	3			8/9/2013
		4,450	4,450	3			8/9/2013
4		4,858	4,870	4			6/27/1994
2		4,863	4,864	4			12/18/1964
2		4,867	4,868	4			12/18/1964
4		5,150	5,162	4			6/27/1994
1		5,155	5,161	3			9/14/1964
4		5,172	5,174	4			6/27/1994
1		5,173	5,174	3			9/14/1964

### Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1							
2							
3	1,200		5.1	2,900			
4	1,000		4.8	2,900			

### Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 15500 lb
2		Proppant White Sand 10000 lb
3		
4		

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STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-096547
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
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.		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Water Injection Well		<b>8. WELL NAME and NUMBER:</b> MONUMENT FED 13-11J
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>9. API NUMBER:</b> 43013157900000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1819 FSL 0657 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 11 Township: 09.0S Range: 16.0E Meridian: S		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/29/2015  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
		<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
The above reference well was put on injection at 9:00 AM on 01/29/2015.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 03, 2015</b>		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A		<b>DATE</b> 1/29/2015



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-371

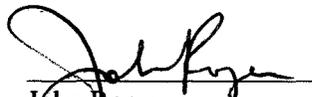
Amended January 26, 2015

**Operator:** Newfield Production Company  
**Well:** Monument Federal 13-11J  
**Location:** Section 11, Township 9 South, Range 16 East  
**County:** Duchesne  
**API No.:** 43-013-15790  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on February 28, 2011.
2. Maximum Allowable Injection Pressure: 968 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,730' – 5,213')
5. It is further stipulated that in the Monument Federal 13-11J well and the Monument Federal 12-11J well (43-013-31417), the pressure between the surface casing and the production casing shall be monitored on a regular basis. Any observed pressure changes shall be reported to the Division immediately.
6. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

  
John Rogers  
Associate Director

January 26, 2015

Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Jill Loyle, Newfield Production Company, Denver  
Newfield Production Company, Myton  
Duchesne County  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield





December 11, 2014

Mr. Brad Hill  
State of Utah, DOGM  
1594 West North Temple-Suite 1310  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RECEIVED  
DEC 17 2014  
DIV. OF OIL, GAS & MINING

Re: Temperature Survey  
Well: Monument Federal 13-11J-9-16  
API #: 43-013-15790

Dear Mr. Hill:

Newfield Production Company conducted a temperature survey on the subject well to fulfill initial area of review compliance for the Monument Federal 13-11J-9-16. The temperature survey was run to verify that the injectant is confined to the permitted interval. Find enclosed a copy of the log that was generated from the survey on December 5, 2014.

Packer Depth: 4817' MAIP 968 psi

The well is shut in and will remain shut in until we receive approval on the temperature survey and authorization to resume injection.

The well is permitted to inject in the Garden Gulch and Douglas Creek members of the Green River formation. The survey demonstrated that injected fluid is confined within the permitted Garden Gulch interval. You may contact me at 435-646-4874 or [lchavez-naupoto@newfield.com](mailto:lchavez-naupoto@newfield.com) if you require further information.

Sincerely,

Lucy Chavez-Naupoto  
Water Services Assistant

Enclosure



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

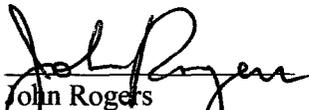
## UNDERGROUND INJECTION CONTROL PERMIT Cause No. UIC-371

**Operator:** Newfield Production Company  
**Well:** Monument Federal 13-11J  
**Location:** Section 11, Township 9 South, Range 16 East  
**County:** Duchesne  
**API No.:** 43-013-15790  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on February 28, 2011.
2. Maximum Allowable Injection Pressure: 968 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,730' – 5,213'), contingent upon successful completion of a Temperature Survey in the Monument Federal 13-11J well, demonstrating cement integrity to a depth of 4,000 feet or higher.
5. It is further stipulated that in the Monument Federal 13-11J well and the Monument Federal 12-11J well (43-013-31417), the pressure between the surface casing and the production casing shall be monitored on a regular basis. Any observed pressure changes shall be reported to the Division immediately.
6. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

  
John Rogers  
Associate Director

11/18/2014  
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Jill Loyle, Newfield Production Company, Denver  
Newfield Production Company, Myton  
Duchesne County  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield





GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

February 28, 2011

Newfield Production Company  
1001 Seventeenth Street, Suite 2000  
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Monument Federal 13-11J, Section 11, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-15790

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 4,730 feet in the Monument Federal 13-11J well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

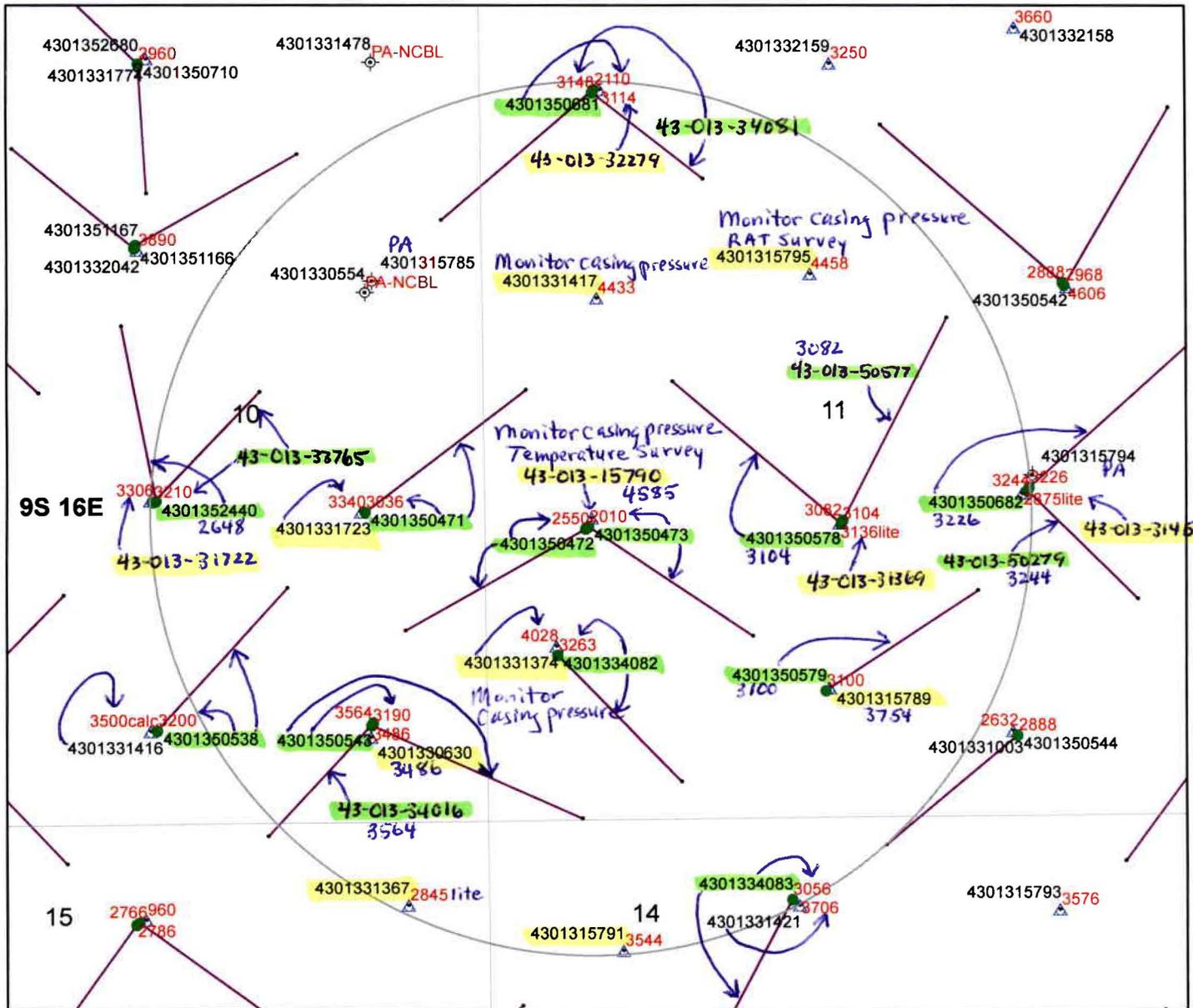
John Rogers  
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Duchesne County  
Newfield Production Company, Myton  
Well File

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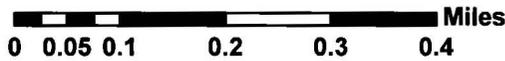
**Legend**

**Oil & Gas Well Type**

- APD-Approved Permit
- ⊙ DRL-Spudded (Drilling Commenced)
- ⊗ GIW-Gas Injection Well
- <sub>GS</sub> GSW-Gas Storage Well
- × LA-Location Abandoned
- LOC-New Location Well
- OPS-Drilling Operations Suspended
- ⊙ PA-Pugged & Abandoned
- ⊙ PGW-Producing Gas Well
- POW-Producing Oil Well
- ▲ RET-Returned APD
- ⊙ SGW-Shut-in Gas Well
- SOW-Shut-in Oil Well
- ⊗ TA-Temp Abandoned
- TW-Test Well
- ⊙ WDW-Water Disposal Well
- ▲ WW-Water Injection Well
- WSW-Water Supply Well

**Cement Bond Tops  
Monument Federal 13-11J-9-16  
API #43-013-15790  
UIC-371.9**

*(updated 2/6/2015)*



- 4585 Depth to top of suitable cement bond
- Well Bottom Hole Location
- Oil & Gas Wells Hole Directional Path
- Wells-CbltopsMaster 1-31-13
- DNR Oil Gas Wells Buffer
- County Boundaries
- PLSS Sections
- PLSS Townships

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

**Applicant:** Newfield Production Company      **Well:** Monument Federal 13-11J-9-16

**Location:** 11/9S/16E      **API:** 43-013-15790

**Ownership Issues:** The well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

**Well Integrity:** The well has surface casing set at 219 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,250 feet. A cement bond log (6/27/1994) demonstrates adequate bond in this well up to about 4,585 feet. A subsequent cement squeeze is discussed below. A 2 7/8 inch tubing with a packer has been set 4,817 - 4,824 feet. A mechanical integrity test was run on the well prior to injection. At the time of this revision (2/6/2015), based on surface locations, there are 16 producing wells, 13 injection wells (including the subject well), and 2 P/A wells in the AOR. Five of the producing wells are directionally drilled, with surface locations inside the AOR and bottom hole locations outside the AOR. In addition, there is 1 directionally drilled producing well with a surface location outside the AOR and a bottom hole location inside the AOR. While most of the existing wells have evidence of adequate casing and cement for the proposed injection interval, there are several which, based on the CBL, lack substantial evidence of adequate cement. These include the proposed injection well itself, Monument Federal 13-11J-9-16 (API # 43-013-15790), as well as Monument Federal 14-11J-9-16 (API # 43-013-31374), Monument Federal 12-11J-9-16 (API # 43-013-31417), and Walton Federal 4 (API # 43-013-15795), all located within the AOR. As required by DOGM, a successful RAT Survey was run in the Walton Federal 4 well (5/6/2014). In the Monument Federal 13-11J, Newfield performed a cement squeeze, followed by a new CBL (8/15/2013). Subsequently, per agreement between Newfield and DOGM, in order to confirm cement integrity, a successful Shut-in Temperature Survey was run (12/5/2014) in the 13-11J well, and injection began on 1/29/2015. Nevertheless, in order to further assure protection of these wellbores, it is stipulated that in each of these wells the pressure between the surface casing and the production casing shall be monitored on a regular basis, and any observed changes shall be reported to the Division immediately. Newfield will not perforate the Monument Federal 13-11J-9-16 above 4,730 feet. Inasmuch as some logs are of dubious quality or do not exhibit conclusive cement tops, it has been necessary to calculate approximate tops for "lite" cement, based on the cement indicated in the well completion report.

**Monument Federal 13-11J-9-16**  
**page 2**

**Ground Water Protection:** As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2400 feet. The requested injection interval is between 3,990 feet and 5,213 feet in the Green River Formation. However, as discussed above, because of questionable cement tops in nearby wells, it is recommended that the top of the injection interval be permitted no higher than a depth of 4,730 feet in the Monument Federal 13-11J-9-16 well. Information submitted by Newfield indicates that the fracture gradient for the 13-11J-9-16 well is 0.64 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 968 psig. The requested maximum pressure is 968 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the BLM

**Actions Taken and Further Approvals Needed:** A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date: 2/3/2011 (revised 2/6/2015)

4770 S. 5600 W.  
 P.O. BOX 704005  
 WEST VALLEY CITY, UTAH 84170  
 FED.TAX I.D.# 87-0217663

PROOF OF PUBLICATION FEB 07 2011

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	DIV OF OIL, GAS & MINING ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING,  1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	1/28/2011

12 → 205

ACCOUNT NAME			
DIV OF OIL-GAS & MINING,			
TELEPHONE		ADORDER# / INVOICE NUMBER	
8015385340		0000658258 /	
SCHEDULE			
Start 01/27/2011		End 01/27/2011	
CUST, REF. NO.			
Cause #UIC-371			
CAPTION			
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RES			
SIZE			
77	Lines	2.00	COLUMN
TIMES		RATE	
3			
MISC. CHARGES		AD CHARGES	
TOTAL COST			
197.50			

BEFORE THE DIVISION OF OIL, GAS AND MINING  
 DEPARTMENT OF NATURAL RESOURCES  
 STATE OF UTAH  
 NOTICE OF AGENCY ACTION  
 CAUSE NO. UIC-371

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 33, TOWNSHIP 8 SOUTH, RANGE 16 EAST, SECTION 1, TOWNSHIP 9 SOUTH, RANGE 13 EAST, AND SECTIONS 3, 6, 10, 11, AND 13, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESE 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 Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:  
 Federal 33-33-8 well located in NW/4 SE/4, Section 33, Township 8 South, Range 16 East  
 Ashley Federal 2-1 well located in NW/4 NE/4, Section 1, Township 9 South, Range 15 East  
 South Wells Draw 4-3-9-16 well located in NW/4 NW/4, Section 3, Township 9 South, Range 16 East  
 South Wells Draw 14-3-9-16 well located in SE/4 SW/4, Section 3, Township 9 South, Range 16 East  
 Monument Federal 44-6-9-16 well located in SE/4 SE/4, Section 6, Township 9 South, Range 16 East  
 Castle Peak Federal 24-10A well located in SE/4 SW/4, Section 10, Township 9 South, Range 16 East  
 Castle Peak Federal 44-10 well located in SE/4 SE/4, Section 10, Township 9 South, Range 16 East  
 Monument Federal 13-11 well located in NW/4 SW/4, Section 11, Township 9 South, Range 16 East  
 Monument Federal 33-11 well located in NW/4 SE/4, Section 11, Township 9 South, Range 16 East  
 Monument Federal 42-11 well located in SE/4 NE/4, Section 11, Township 9 South, Range 16 East  
 Federal 1-13-9-16 well located in NE/4 NE/4, Section 13, Township 9 South, Range 16 East

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

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. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 20th day of January, 2011.

STATE OF UTAH  
 DIVISION OF OIL, GAS & MINING  
 /s/ Brad Hill  
 Brad Hill  
 Permitting Manager  
 658258 UPAXLP

AFFIDAVIT OF PUBLICATION

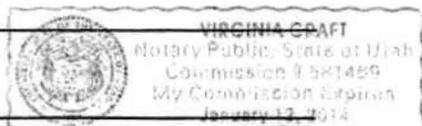
AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-371 IN THE MATTER OF THE APPLICA** FOR **DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY.

Start 01/27/2011 End 01/27/2011

PUBLISHED ON

SIGNATURE

*[Handwritten Signature]*



1/28/2011

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"  
 PLEASE PAY FROM BILLING STATEMENT  
 2250/RPB/GGDICADMIN/BFH/6131

*Virginia Craft*

# AFFIDAVIT OF PUBLICATION

County of Duchesne,  
STATE OF UTAH

I, Geoff Liesik on oath, say that I am the EDITOR of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 1 day of February, 2011, and that the last publication of such notice was in the issue of such newspaper dated the 1 day of February, 2011, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

G. Liesik  
Editor

Subscribed and sworn to before me this

1 day of February, 2011

Bonnie Parrish  
Notary Public



## BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-371

IN THE MATTER OF  
THE APPLICATION OF  
NEWFIELD PRODUCTION  
COMPANY FOR  
ADMINISTRATIVE APPROVAL OF CERTAIN  
WELLS LOCATED IN  
SECTION 33, TOWNSHIP 8 SOUTH, RANGE  
16 EAST, SECTION 1,  
TOWNSHIP 6 SOUTH,  
RANGE 15 EAST, AND  
SECTIONS 9, 10, 11,  
AND 13, TOWNSHIP

Continued on next page

Continued from  
previous page

9 SOUTH, RANGE 16  
EAST, DUCHESNE  
COUNTY, UTAH, AS  
CLASS II INJECTION  
WELLS.

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

Notice is hereby given  
that the Division of Oil,  
Gas and Mining

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

Published in the Uintah  
Basin Standard February  
1 & 8, 2011

3393.  
Utah, Phone 435-722-  
East 1000 South, Ballard,  
Ballard City Offices, 2381  
Kaelyn Meyers at the  
meeting should notify  
modations during this  
needing special accom-  
modations during this  
the Americans with Dis-  
abilities Act, individuals  
In compliance with  
face, 435-722-3393.

at the Ballard Water of-  
may contact Kirby Young  
further information re-  
garding the changes, you  
15, 2011 at 6:00 PM. For  
billings cycles on February  
Boundaries in the regular  
within the Water District  
to include the residents  
and to amend the contract  
for Residential Homes  
the monthly garbage rates  
public regarding raising  
solicit comments from the  
hold a public hearing to  
improvement District will  
Ballard Water Im-

## NOTICE OF A PUBLIC HEARING

1, 8 and 15, 2011.  
Published in the Uintah  
Basin Standard February  
holidays.  
Friday, excluding legal  
p.m., Monday through  
of 9:00 a.m. and 5:00  
1900 between the hours  
telephone at (801) 257-  
Trustee can be contact by  
Lance, 435-722-3393.

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-371

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 33, TOWNSHIP 8 SOUTH, RANGE 16 EAST, SECTION 1, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 3, 6, 10, 11, AND 13, TOWNSHIP 9 SOUTH, RANGE 16 EAST, 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 Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Federal 33-33-B well located in NW/4 SE/4, Section 33, Township 8 South, Range 16 East  
Ashley Federal 2-1 well located in NW/4 NE/4, Section 1, Township 9 South, Range 15 East  
South Wells Draw 4-3-9-16 well located in NW/4 NW/4, Section 3, Township 9 South, Range 16 East  
South Wells Draw 14-3-9-16 well located in SE/4 SW/4, Section 3, Township 9 South, Range 16 East  
Monument Federal 44-6-9-16Y well located in SE/4 SE/4, Section 6, Township 9 South, Range 16 East  
Castle Peak Federal 24-10A well located in SE/4 SW/4, Section 10, Township 9 South, Range 16 East  
Castle Peak Federal 44-10 well located in SE/4 SE/4, Section 10, Township 9 South, Range 16 East  
Monument Federal 13-11J well located in NW/4 SW/4, Section 11, Township 9 South, Range 16 East  
Monument Federal 33-11J well located in NW/4 SE/4, Section 11, Township 9 South, Range 16 East  
Monument Federal 42-11J well located in SE/4 NE/4, Section 11, Township 9 South, Range 16 East  
Federal 1-13-9-16 well located in NE/4 NE/4, Section 13, Township 9 South, Range 16 East

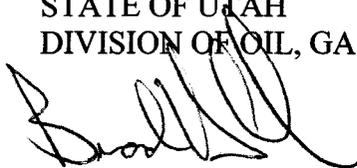
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

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. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 20th day of January, 2011.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING



Brad Hill  
Permitting Manager

**Newfield Production Company**

**FEDERAL 33-33-B, ASHLEY FEDERAL 2-1,  
SOUTH WELLS DRAW 4-3-9-16, SOUTH WELLS DRAW 14-3-9-16,  
MONUMENT FEDERAL 44-6-9-16Y, CASTLE PEAK FEDERAL 24-10A,  
CASTLE PEAK FEDERAL 44-10,  
MONUMENT FEDERAL 13-11J, MONUMENT FEDERAL 33-11J,  
MONUMENT FEDERAL 42-11J, FEDERAL 1-13-9-16.**

**Cause No. UIC-371**

Publication Notices were sent to the following:

Newfield Production Company  
1001 17th Street, Suite 2000  
Denver, CO 80202

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066  
via e-mail [legals@ubstandard.com](mailto:legals@ubstandard.com)

Salt Lake Tribune  
P O Box 45838  
Salt Lake City, UT 84145  
via e-mail [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

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

Duchesne County Planning  
P O Box 317  
Duchesne, UT 84021-0317

Bruce Suchomel  
US EPA Region 8  
MS 8P-W-GW  
1595 Wynkoop Street  
Denver, CO 80202-1129

SITLA  
675 East 500 South  
Salt Lake City, UT 84102-2818

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

  
\_\_\_\_\_

**Jean Sweet - RE: Notice of Agency Action - Newfield Production Company Cause No. UIC-371**

---

**From:** "NAC Legal" <naclegal@mediaoneutah.com>  
**To:** "Jean Sweet" <jsweet@utah.gov>  
**Date:** 1/24/2011 11:02 AM  
**Subject:** RE: Notice of Agency Action - Newfield Production Company Cause No. UIC-371

---

Ad #658258 is scheduled to run January 27th in Salt Lake Tribune and Online utahlegals.com .

Total charge is \$197.50. Please check the ad in the paper.

Thank you,

Lynn Valdez  
MediaOne of Utah,  
a Newspaper Agency Company  
4770 South 5600 West  
West Valley City, Utah 84118  
Ph.: 801-204-6245  
Email: naclegal@mediaoneutah.com

---

**From:** Jean Sweet [mailto:jsweet@utah.gov]  
**Sent:** Monday, January 24, 2011 10:07 AM  
**To:** naclegal@mediaoneutah.com  
**Subject:** Notice of Agency Action – Newfield Production Company Cause No. UIC-371

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

January 20, 2011

VIA E-MAIL [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

Salt Lake Tribune  
P. O. Box 45838  
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-371

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



**Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-371**

---

**From:** Cindy Kleinfelter <classifieds@ubstandard.com>  
**To:** Jean Sweet <jsweet@utah.gov>  
**Date:** 1/27/2011 3:12 PM  
**Subject:** Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-371

---

On 1/24/2011 10:07 AM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary  
Utah Div. of Oil, Gas & Mining  
1594 West Temple, Suite 1210  
Salt Lake City, UT  
801-538-5329  
[jsweet@utah.gov](mailto:jsweet@utah.gov)

Received. Thank you. It will be published Feb. 1, 2011.  
Cindy



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

January 20, 2011

Via e-mail: [legals@ubstandard.com](mailto:legals@ubstandard.com)

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-371

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure





January 4, 2011

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

RE: Permit Application for Water Injection Well  
Balcron Monument Federal #13-11J-9-16  
Monument Butte Field, Lease #UTU-096547  
Section 11-Township 9S-Range 16E  
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Balcron Monument Federal #13-11J-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg", with a long, sweeping horizontal line extending to the right.

Eric Sundberg  
Regulatory Lead

RECEIVED  
JAN 11 2011  
DIV. OF OIL, GAS & MINING

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**BALCRON MONUMENT FEDERAL #13-11J-9-16**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-096547**  
**JANUARY 4, 2011**

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ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL



Spud Date: 8/23/64  
 Plug & Abandon: 8/30/72  
 Re-enter: 6/20/94  
 Put on Production: 7/20/94

# Monument Fed. #13-11j-9-16

Formerly Goates Fed. #2

Initial Production: 60 BOPD,  
 NM MCFD, 0 BWPD

GL: 5630' KB: 5642'

## SURFACE CASING

CSG SIZE: 9-5/8"  
 GRADE: H-40  
 WEIGHT: 32.3#  
 DEPTH LANDED: 219'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 277 sxs cement.

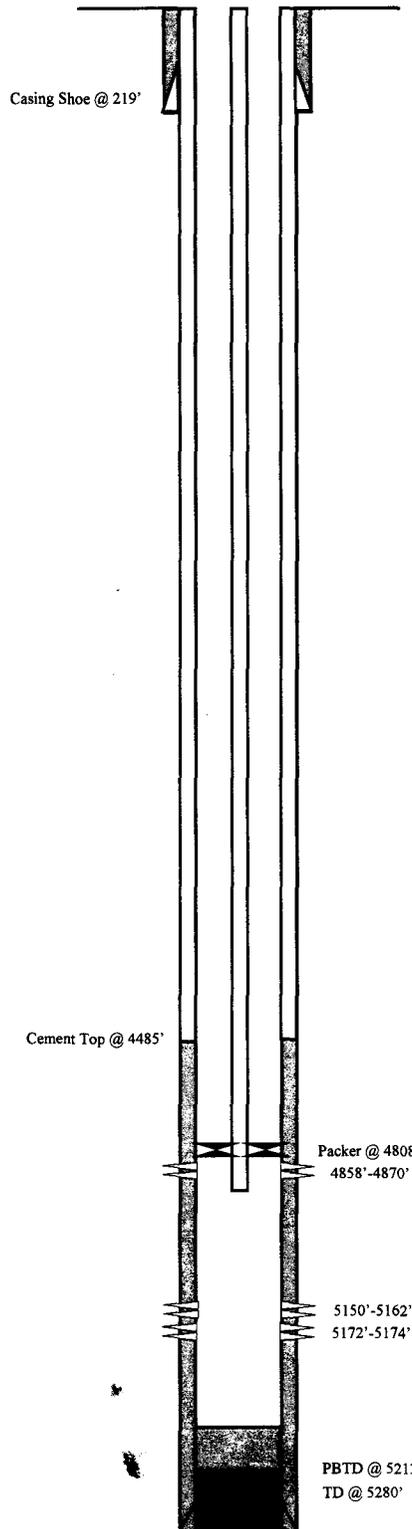
## PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 DEPTH LANDED: 5250'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 120 sxs cement  
 CEMENT TOP AT: 4485' per CBL

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 154 jts (4767')  
 TUBING ANCHOR: 4769' KB  
 NO. OF JOINTS: 12 jts (357')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5126' KB  
 NO. OF JOINTS: 1 jts Perf sub (4.00')  
 NO. OF JOINTS: 1 jts (31')  
 TOTAL STRING LENGTH: EOT @ 5160'

## Proposed Injection Wellbore Diagram



## FRAC JOB

5155'-5173'

### Fracture zones follows:

15,500# sand in 328 bbls oil + 4,200# glass beads in 100 bbl oil. Treated @ avg press of 3500 psi w/avg rate of 41.5 BPM.

4863'-4867'

### Fracture zones follows:

10,000# sand in 190 bbls oil + 2,000# glass beads in 48 bbl oil. Treated @ avg press of 2900 psi w/avg rate of 32 BPM.

## PERFORATION RECORD

	5173'	3 JSPF	03 holes
	5161'	3 JSPF	03 holes
	5155'	3 JSPF	03 holes
	4867'	4 JSPF	03 holes
	4863'	4 JSPF	03 holes
6/27/94	5172'-5174'	4 SPF	08 holes
6/27/94	5150'-5162'	4 SPF	48 holes
6/27/94	4858'-4870'	4 SPF	48 holes



**Monument Federal #13-11j-9-16**  
 1819' FSL & 657' FWL  
 NWSW Section 11-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-15790; Lease #UTU-096547

## WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

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

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

**2.1 The name and address of the operator of the project.**

Newfield Production Company  
1001 17<sup>th</sup> Street, Suite 2000  
Denver, Colorado 80202

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

See Attachment A.

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

Approval is requested to convert the Balcron Monument Federal #13-11J-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

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

The proposed injection well will inject into the Green River Formation.

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

The injection zone is in the Green River Formation. For the Balcron Monument Federal #13-11J-9-16 well, the proposed injection zone is from Garden Gulch to Basal Limestone (3990' - 5213'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3672' and the TD is at 5280'.

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

The referenced log for the Balcron Monument Federal #13-11J-9-16 is on file with the Utah Division of Oil, Gas and Mining.

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

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

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

See Attachment B.

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

See Attachment C.

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

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

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

This proposed injection well is on a Federal lease (Lease #UTU-096547) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

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

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
  - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

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

All logs are on file with the Utah Division of Oil, Gas and Mining.
  - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
  - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
  - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 9-5/8", 32.3# surface casing run to 219' KB, and 5-1/2", 15.5# casing run from surface to 5250' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
  - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
  - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

**The proposed average and maximum injection pressures.**

The maximum injection pressure will not exceed 968 psig.

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

The minimum fracture gradient for the Balcron Monument Federal #13-11J-9-16, for existing perforations (4863' - 5173') calculates at 0.64 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 968 psig. We may add additional perforations between 3672' and 5280'. See Attachments G and G-1.

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

In the Balcron Monument Federal #13-11J-9-16, the proposed injection zone (3990' - 5213') is in the Garden Gulch to the Basal Limestone of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

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

See Attachments E through E-15.

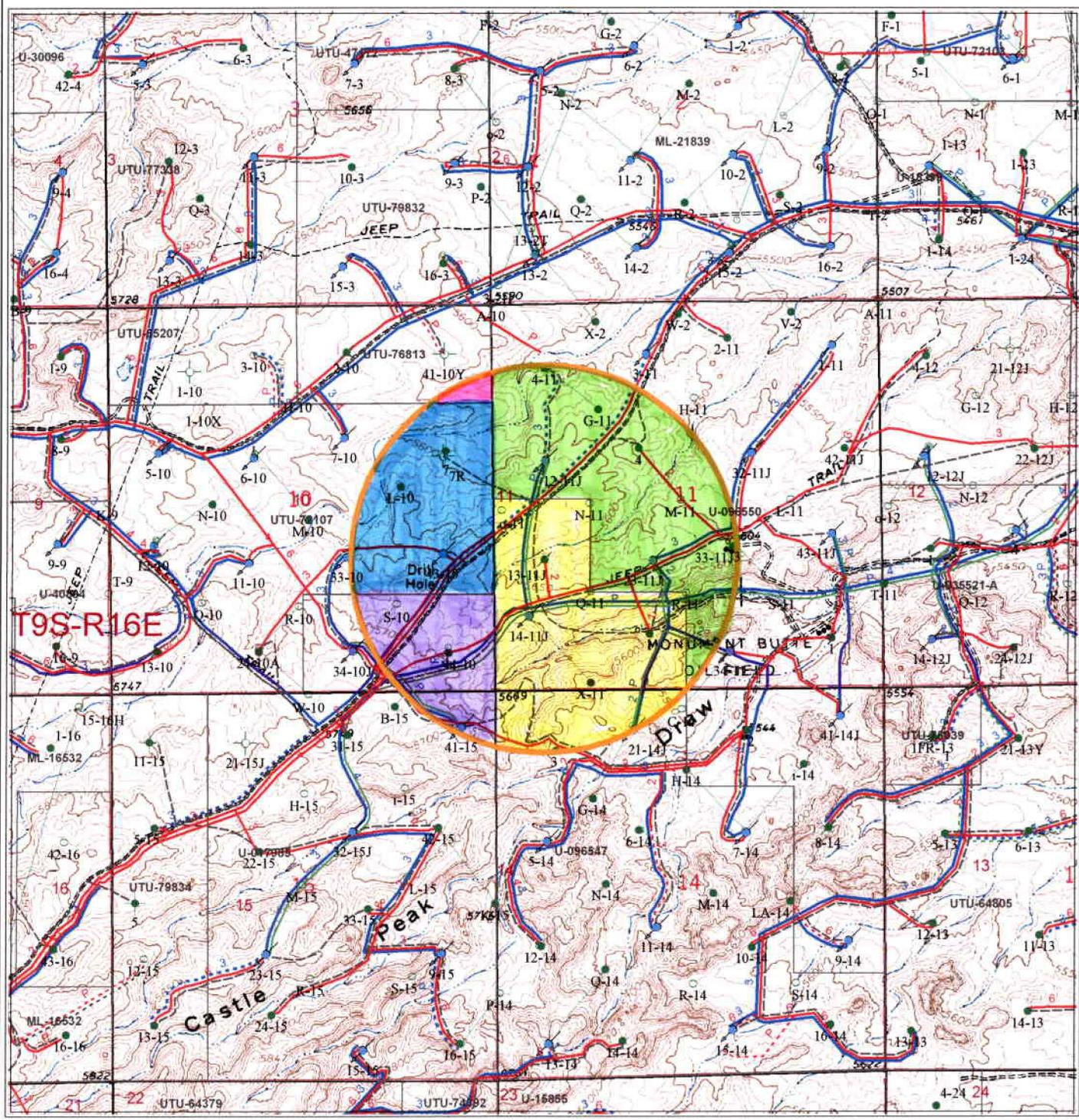
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

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

See Attachment C.

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

Newfield Production Company will supply any requested information to the Board or Division.



**13-11j-9-16 1/2mile radius**

**Well Status**

- Location
- CTI
- Surface Spud
- Drilling
- Waiting on Completion
- Producing Oil Well
- Producing Gas Well
- Water Injection Well
- Dry Hole
- Temporarily Abandoned
- Plugged & Abandoned
- Shut In

**Injection system**

- high pressure
- low pressure
- proposed
- return
- return proposed

**Leases**

- Leases

**Mining tracts**

- Mining tracts

**Gas Pipelines**

- Gathering lines
- Proposed lines

UTU - 096547

UTU - 096550

UTU - 72107

UTU - 017985

UTU - 76813

Monument 13-11j  
Section 11, T9S-R16E

**NEWFIELD** N

**ROCKY MOUNTAINS** 1" = 2000'

**1/2 Mile Radius Map**  
Duchesne & Uintah Counties

1001 17th Street Suite 2000  
Denver, Colorado 80202  
Phone: (303) 893-0102

October 5, 2010

# ATTACHMENT A-1

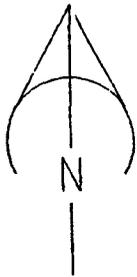
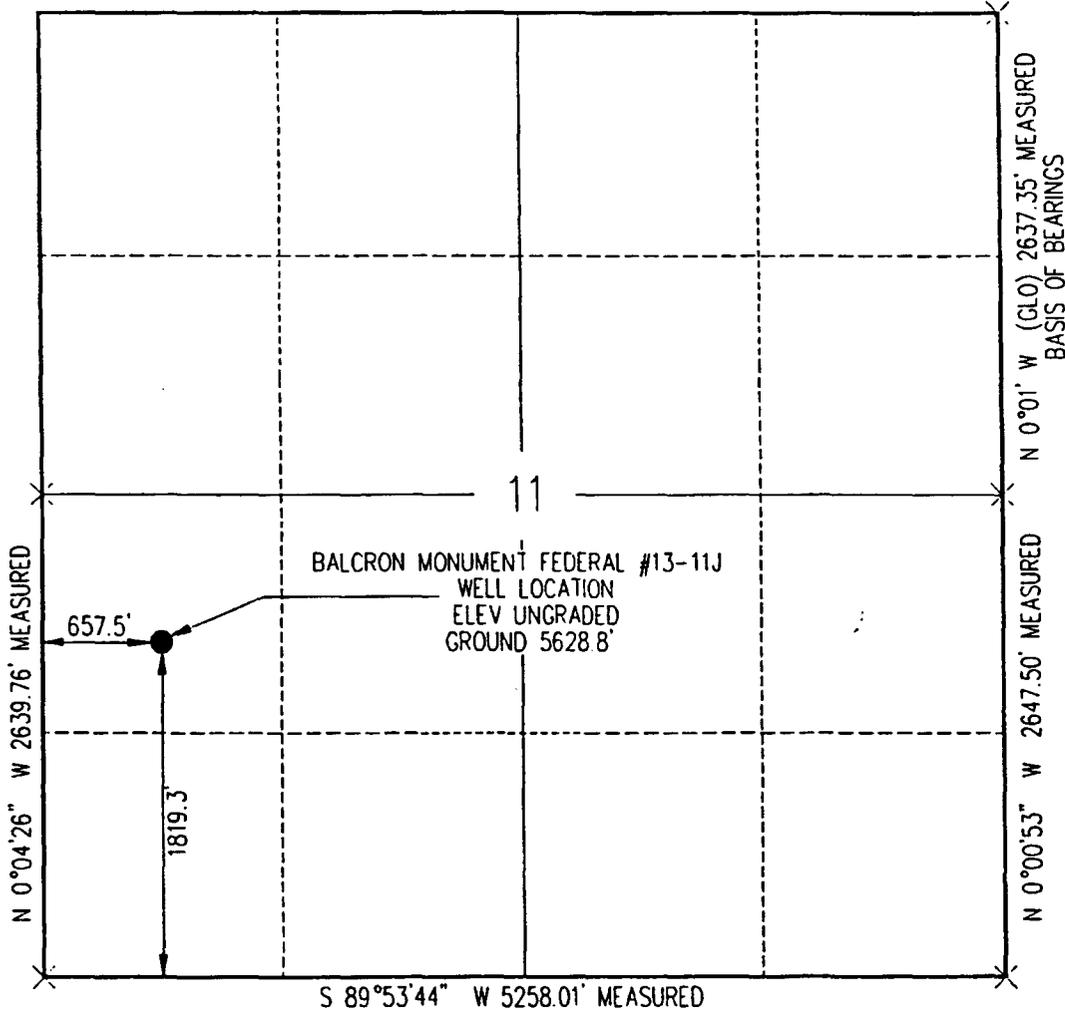
EXHIBIT "I"

T9S, R16E, S.L.B. & M.

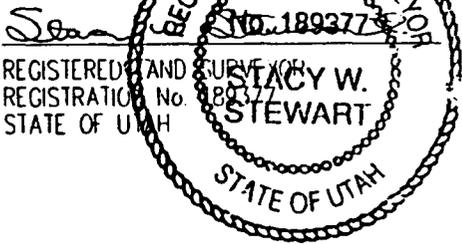
S 89°56' W (GLO)

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON MONUMENT FEDERAL #13-11J, LOCATED AS SHOWN IN THE NW 1/4 SW 1/4 OF SECTION 11, T9S, R16E, S.L.B. & M., DUCHESNE COUNTY UTAH.



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



X = SECTION CORNERS LOCATED  
 BASIS OF BEARINGS; G.L.O. PLAT 1911  
 BASIS OF ELEV; U.S.C.S. 7-1/2 min QUAD (MYTON SE)

WEATHER: STORMY & COLD  
 DATE: 2/10/94  
 SCALE: 1" = 1000'  
 SURVEYED BY: SS CB  
 FILE: MF 13-11J



## EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	<u>T9S,R16E SLM</u> Section 11: W2SW, SESW Section 14: SWNE, W2, W2SE, SESE	USA UTU-096547 HBP	Newfield Production Company Newfield RMI LLC	USA
2	<u>T9S,R16E SLM</u> Section 11: N2, NESW, SE Section 12: NW Section 14: N2NE, SENE, NESE	USA UTU-096550 HBP	Newfield Production Company Newfield RMI LLC	USA
3	<u>T9S,R16E SLM</u> Section 10: S2N2, N2S2, S2SW	USA UTU-72107 HBP	Newfield Production Company Newfield RMI LLC	USA
4	<u>T9S,R16E SLM</u> Section 10: S2SE Section 15: E2W2, E2	USA UTU-017985 HBP	Newfield Production Company Newfield RMI LLC	USA
5	<u>T9S,R16E SLM</u> Section 10: N2NE	USA UTU-76813 HBP	Newfield Production Company Newfield RMI LLC	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Balcron Monument Federal #13-11J-9-16

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

Signed:   
Newfield Production Company  
Eric Sundberg  
Regulatory Lead

Sworn to and subscribed before me this 5<sup>th</sup> day of January, 2011.

Notary Public in and for the State of Colorado: 

My Commission Expires  
02/10/2013

My Commission Expires: \_\_\_\_\_



Spud Date: 8/23/64  
 Plug & Abandon: 8/30/72  
 Re-enter: 6/20/94  
 Put on Production: 7/20/94

## Monument Fed. #13-11j-9-16

Formerly Goates Fed. #2

Initial Production: 60 BOPD,  
 NM MCFD, 0 BWPD

### SURFACE CASING

CSG SIZE: 9-5/8"  
 GRADE: H-40  
 WEIGHT: 32.3#  
 DEPTH LANDED: 219'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 277 sxs cement.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 DEPTH LANDED: 5250'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 120 sxs cement  
 CEMENT TOP AT: 4485' per CBL

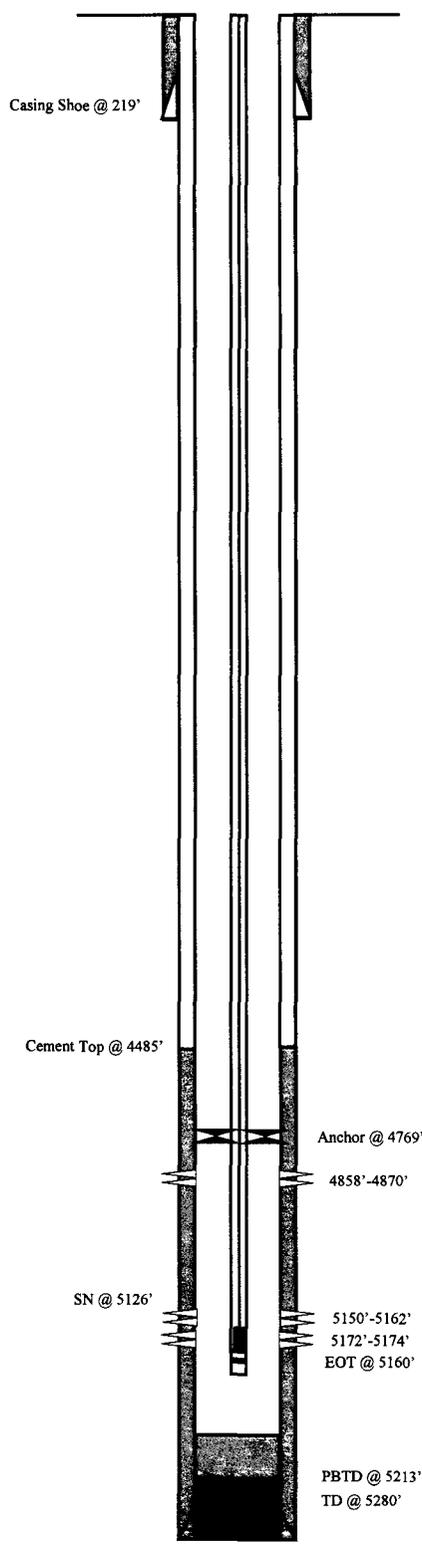
### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 154 jts (4767')  
 TUBING ANCHOR: 4769' KB  
 NO. OF JOINTS: 12 jts (357')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5126' KB  
 NO. OF JOINTS: 1 jts Perf sub (4.00')  
 NO. OF JOINTS: 1 jts (31')  
 TOTAL STRING LENGTH: EOT @ 5160'

### SUCKER RODS

POLISHED ROD: 1-1/4" x 22' SM  
 SUCKER RODS: 204-3/4" plain rods  
 PUMP SIZE: 2-1/2" x 1-1/2" x 16'  
 STROKE LENGTH: 72"  
 PUMP SPEED, SPM: 5 SPM

Wellbore Diagram



### FRAC JOB

5155'-5173' **Frac zones follows:**  
 15,500# sand in 328 bbls oil + 4,200# glass beads in 100 bbl oil. Treated @ avg press of 3500 psi w/avg rate of 41.5 BPM.

4863'-4867' **Frac zones follows:**  
 10,000# sand in 190 bbls oil + 2,000# glass beads in 48 bbl oil. Treated @ avg press of 2900 psi w/avg rate of 32 BPM.

### PERFORATION RECORD

Date	Interval	SPF	Holes
	5173'	3 JSPF	03 holes
	5161'	3 JSPF	03 holes
	5155'	3 JSPF	03 holes
	4867'	4 JSPF	03 holes
	4863'	4 JSPF	03 holes
6/27/94	5172'-5174'	4 SPF	08 holes
6/27/94	5150'-5162'	4 SPF	48 holes
6/27/94	4858'-4870'	4 SPF	48 holes



**Monument Federal #13-11j-9-16**  
 1819' FSL & 657' FWL  
 NWSW Section 11-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-15790; Lease #UTU-096547

S. Wells Draw #L-10-9-16

Spud Date: 8/6/08  
 Put on Production: 9/12/08  
 GL: 5651' KB: 5663'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-35  
 WEIGHT: 24#  
 LENGTH: 7 jts (314.13')  
 DEPTH LANDED: 325.98'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: To surface with 160 sx Class 'G' cmt

PRODUCTION CASING

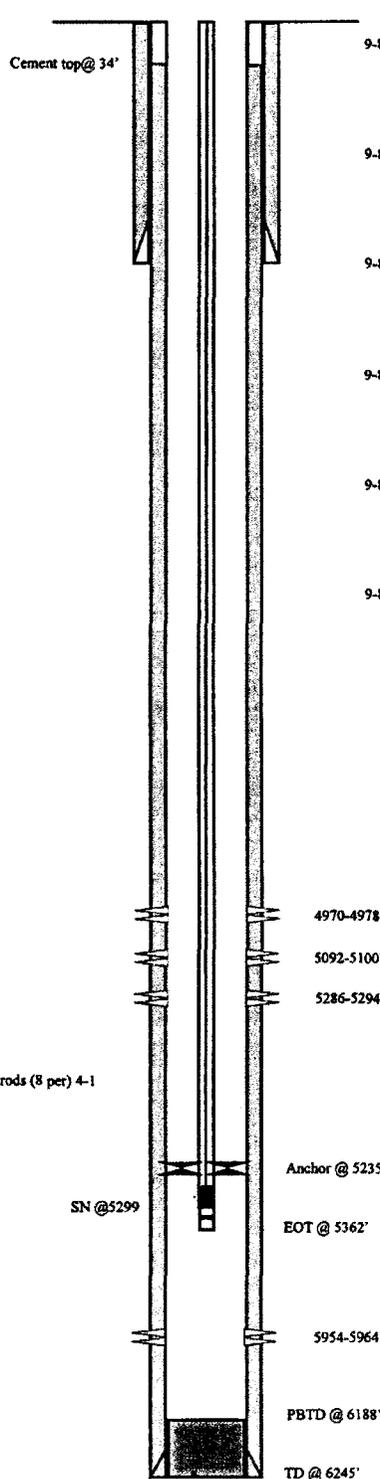
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 154 jts (6486.62')  
 DEPTH LANDED: 6231.97'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 325 sx Premlite II and 450 sx 50/50 poz  
 CEMENT TOP AT: 34'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 170 jts (5222.70')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5298.53' KB  
 NO. OF JOINTS: 2 (61.72)  
 TOTAL STRING LENGTH: EOT @ 5362'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' polished rod  
 SUCKER RODS: 1-2', 4', 8', 8' x 7/8" pony subs, 207- 7/8" guided rods (8 per) 4-1 1/2" wt bars, shear coupler  
 PUMP SIZE: 2 1/2" x 1 3/4" x 20' x 20.5' RHAC rod pump- CDI  
 STROKE LENGTH: 122"  
 PUMP SPEED, SPM: 5



FRAC JOB

9-8-08	5954-5964'	<p>Frac A1 sds as follows:                      Frac w/29,513# 20/40 sand in 402 bbls of Lightning 17 fluid. Broke @ 2954 psi. Treated w/ ave pressure of 2489 psi w/ ave rate of 23.1 BPM. ISIP 2421 psi. Actual flush: 4780 gals.</p>
9-8-08	5124-5136'	<p>Frac B2 sds as follows:                      Frac w/45,017# 20/40 sand in 445 bbls of Lightning 17 fluid. Broke @ 2825 psi. Treated w/ ave pressure of 2450 psi w/ ave rate of 23.1 BPM. ISIP 2437 psi. Actual flush: 4620 gals.</p>
9-8-08	4978-4986'	<p>Frac C sds as follows:                      Frac w/35,060# 20/40 sand in 433 bbls of Lightning 17 fluid. Broke @ 3424 psi. Treated w/ ave pressure of 2729 psi w/ ave rate of 22.6 BPM. ISIP 2441 psi. Actual flush: 4473 gals.</p>
9-8-08	4794-4804'	<p>Frac D1 sds as follows:                      Frac w/25,061# 20/40 sand in 347 bbls of Lightning 17 fluid. Broke @ 3793 psi. Treated w/ ave pressure of 2586 psi w/ ave rate of 23.1 BPM. ISIP 2360 psi. Actual flush: 4204 gals.</p>
9-8-08	4288-4300'	<p>Frac GB6 sds as follows:                      Frac w/40,996# 20/40 sand in 393 bbls of Lightning 17 fluid. Broke @ 4200 psi. Treated w/ ave pressure of 1993 psi w/ ave rate of 22.6 BPM. ISIP 2053 psi. Actual flush: 3784 gals.</p>
9-8-08	4116-4130'	<p>Frac GG2 sds as follows:                      Frac w/26,166# 20/40 sand in 343 bbls of Lightning 17 fluid. Broke @ 4123 psi. Treated w/ ave pressure of 1950 psi w/ ave rate of 23.1 BPM. ISIP 1825 psi. Actual flush: 4032 gals.</p>

PERFORATION RECORD

9-8-08	4116-4130'	4 JSPP	56 holes
9-8-08	4288-4300'	4 JSPP	48 holes
9-8-08	4794-4804'	4 JSPP	40 holes
9-8-08	4978-4986'	4 JSPP	32 holes
9-8-08	5124-5136'	4 JSPP	48 holes
9-8-08	5286-5294'	4 JSPP	32 holes

**NEWFIELD**

S. Wells Draw #L-10-9-16  
 1975' FSL & 1960' FEL  
 NWSE Section 10-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-33765; Lease # UTU-72107

## Castle Peak Unit #7

Spud Date: 10/8/64  
P&A'd: N/A  
GL: 5605' KB: 5615'

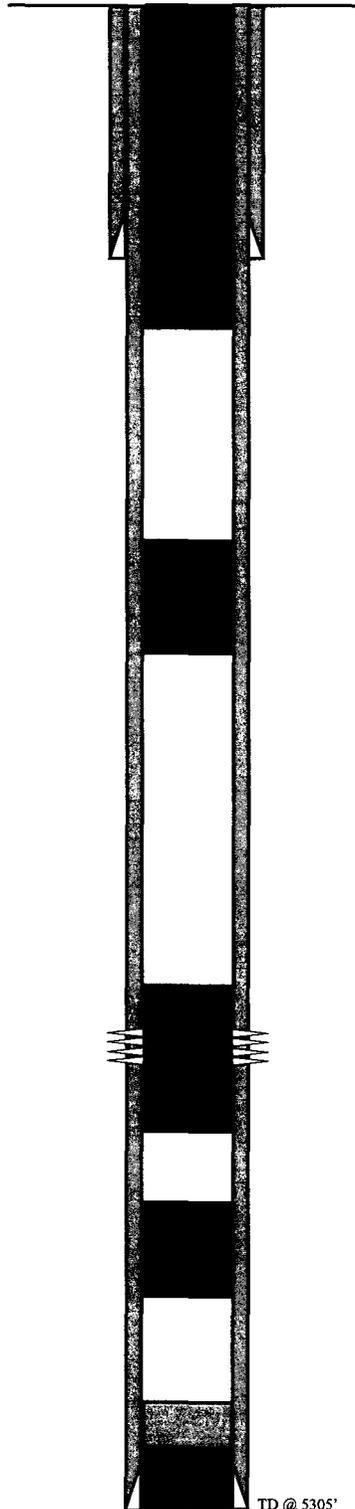
Put on Production: 12/13/64

Cumulative Production

4473 BO  
0 MCF  
0 BW

Per State of Utah-DOGMR records, this well was drilled by Diamond Shamrock. Current status on file is P&A'd. Plug date and cement plug detail were not available.

P&A Wellbore Diagram



### NEWFIELD

Castle Peak Unit #7  
1980 FNL 659 FEL  
SENE Section 10-T9S-R16E  
Duchesne Co, Utah  
API #43-013-15785; Lease #U-017985

## Monument Federal 33-10-9-16

SPUD DATE: 3-1-97  
 PUT ON PRODUCTION: 04-3-97  
 GL: 5646' KB: 5656'

Initial Production: 70 BOPD,  
 74 MCFD, 0 BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 5 jts @ 252.20  
 DEPTH LANDED: 262.20' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sx Class G, est 10 bbls cement to the pit

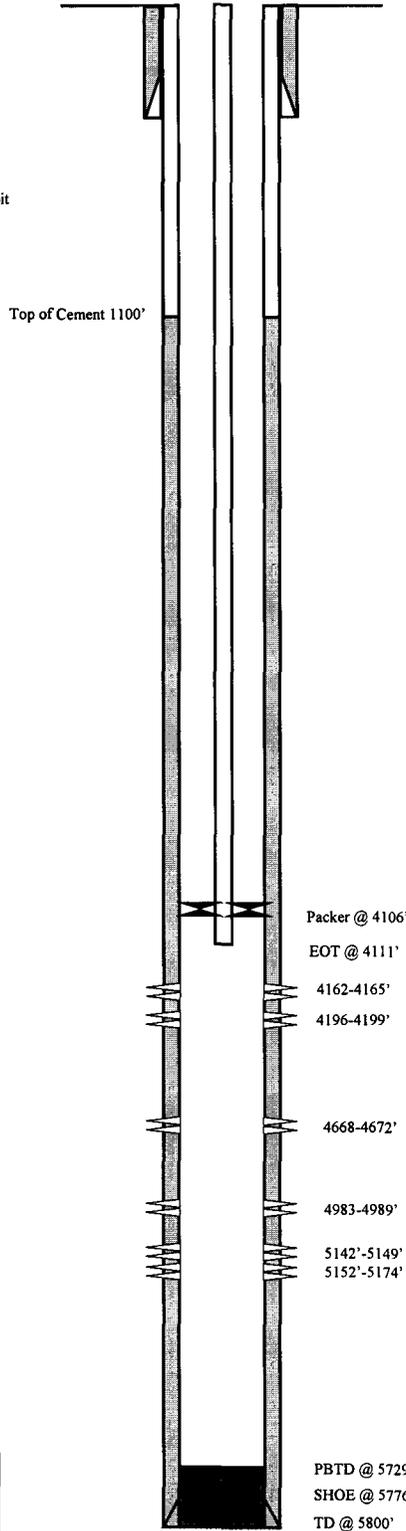
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 136 jts (5765.87')  
 DEPTH LANDED: 5775.87' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 160 sx Premium Lite & 330 sx 50/50 Poz

### TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 134 jts (4092.1')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4102.1'  
 CE @ 4106.48'  
 TOTAL STRING LENGTH: 4111'

Injection Wellbore  
 Diagram



### FRAC JOB

Date	Interval	Description
03/21/97	5142'-5174'	<b>Frac sand as follows:</b> 23,932# 20/40 sand, & 59,116# 16/30 sand in 591 bbls 2% KCL gelled water. Treated @ avg press of 1975 psi w/avg rate of 26.8 BPM. ISIP-2400 psi.
03-23-10	4983-4989'	<b>Frac B2 sands as follows:</b> Frac with 10045# 20/40 sand in 64 bbls Lightning 17 fluid.
03-23-10	4668-4672'	<b>Frac D1 sands as follows:</b> Frac with 14395# 20/40 sand in 92 bbls Lightning 17 fluid.
03-23-10	4162-4199'	<b>Frac GB4 &amp; GB6 sands as follows:</b> Frac with 27460# 20/40 sand in 173 bbls Lightning 17 fluid.
02/25/05		<b>Pump change.</b> Updated tbg and rod detail.
10/15/07		<b>Parted rods.</b> Updated rod & tubing details.
9-26-08		<b>Pump change.</b> Updated rod & tubing details.
11/24/09		<b>Parted rods.</b> Updated rod and tubing details.
03-27-10		<b>Convert to Injection well</b>
04-14-10		<b>MIT completed - tbg detail updated</b>

### PERFORATION RECORD

Interval	Completion Type	Holes
5142-5149'	4 JSPF	28 holes
5152-5174'	4 JSPF	88 holes
4983-4989'	3 JSPF	18 holes
4668-4672'	3 JSPF	12 holes
4196-4199'	3 JSPF	9 holes
4162-4165'	3 JSPF	9 holes

**NEWFIELD**

**Monument Federal 33-10-9-16**

1980' FSL 1980' FEL

NW/SE Section 10-T9S-R16E

Duchesne Co, Utah

API #43-013-31722; Lease #UTU-72107

## Monument Federal #43-10-9-16

Spud Date: 1-25-97  
 Put on Production: 2-26-97  
 GL: 5668.6' KB: 5678.6'

IP: 84 BOPD, 38 MCFD, 0 BWPD

### Injection Wellbore Diagram

#### SURFACE CASING

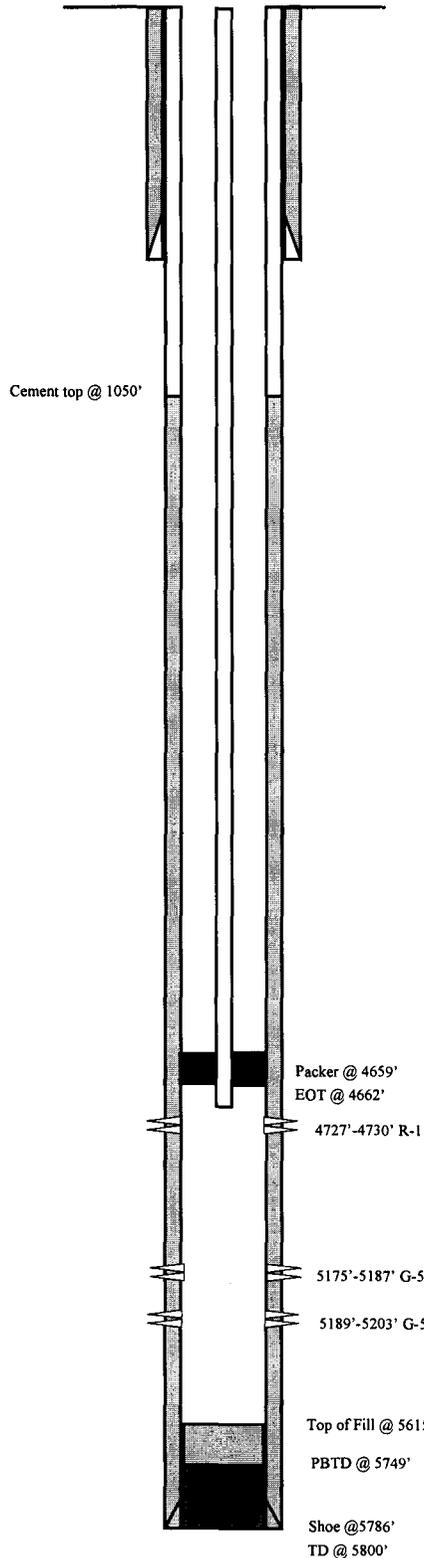
SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24 #  
 LENGTH: 5 jts @ 254.25'  
 HOLE SIZE: 12 1/4"  
 DEPTH LANDED: 264.25'  
 CEMENT DATA: 160 sx Class G, est 5 bbls cmt to surface

#### PRODUCTION CASING

SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5 #  
 LENGTH: 140 jts @ 5742.28'  
 HOLE SIZE: 7 7/8"  
 DEPTH LANDED: 5786.33'  
 CEMENT DATA: 180 sx Premium Lite & 400 sx 50/50 Poz  
 CEMENT TOP AT: 1050' per CBL

#### TUBING RECORD

SIZE/GRADE/WT: 2 7/8", M-50, 6.5 lbs  
 NO. OF JOINTS: 149 jts (4644.61')  
 PACKER: 4658.94'  
 EOT: 4661.93'



#### FRAC JOB

02-07-97	5175'-5203'	<b>Frac sand as follows:</b> 23,562 gals 2% KCL gelled water, 22,500# 20/40 sand, & 55,800# 16/30 sand. Avg treating press of 1950 psi w/avg rate of 30 BPM. ISIP-2450 psi, 5 min 1670 psi.
02-24-97	4727'-4730'	<b>Frac sand as follows:</b> 10,668 bbls 2% KCL gelled water, 14,190# 16/30 sand. Avg treating press of 2500 psi w/avg rate of 22.8 BPM. ISIP-2200 psi, 5 min 1760 psi.
08/13/01		Convert to injector.
09/04/01		Begin injection @ 200 BWIPD.
04-09-03		Packer Leak Repair
08-09-03		Packer Leak Repair.
3/6/09		<b>5 Year MIT completed and submitted.</b>

#### PERFORATION RECORD

2/06/97	5175'-5187'	4 JSPF	48 holes
2/06/97	5189'-5203'	4 JSPF	56 holes
2/21/97	4727'-4730'	4 JSPF	12 holes



**Monument Federal #43-10-9-16**  
 1914 FSL & 722 FEL  
 NE/SE Section 10-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31723; Lease #U-72107

## Castle Peak Fed. 44-10-9-16

Spud Date: 2/11/82  
 Put on Production: 5/15/82  
 GL: 5696' KB: 5709'

Initial Production: 47 BOPD,  
 14 MCFD, 18 BWPD

### Injection Wellbore Diagram

#### SURFACE CASING

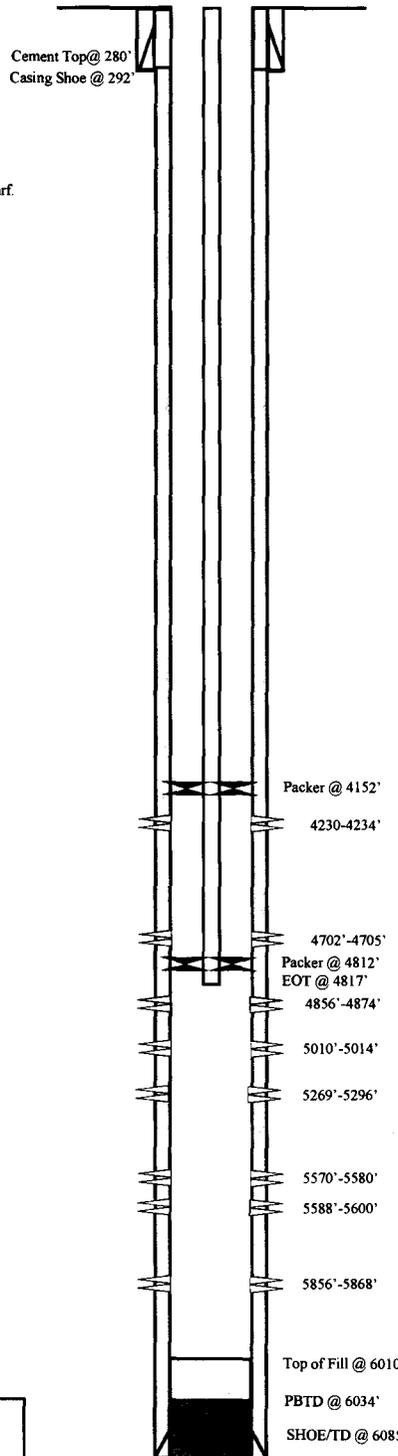
CSG SIZE: 8-5/8"  
 GRADE: K-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (279.47')  
 DEPTH LANDED: 292'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 230 sxs Class "H" cmt, est 4 bbls cmt to surf.

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: K-55  
 WEIGHT: 15.5#  
 LENGTH: 159 jts. (6062.21')  
 DEPTH LANDED: 6077.10'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 600 sxs Class "G" & 675 sxs 10.0 RFC.  
 CEMENT TOP AT: 280' per CBL

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 TBG: 1 jt (31.0)  
 TBG PUP: 1 jt (4.1)  
 TBG PUP: 1 jt (10.0)  
 NO. OF JOINTS: 130 jts (4089.6')  
 RETRIEVING HEAD: 4-1/2" / 6.5# (1.5)  
 PACKER: CE @ 4152'  
 TBG: 21 jts (650.1)  
 XO: 2-3/8" x 2-7/8" (0.5)  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4807.3' KB  
 XO: 2-3/8" x 2-7/8" (0.5)  
 STINGER: 3-7/8" / 6.5# (0.3)  
 CE @ 4812'  
 TOTAL STRING LENGTH: EOT @ 4817' w/ 13' KB



#### FRAC JOB

4/23/82	5856'-5868'	<b>Frac zone as follows:</b> 30,000# 20/40 sand + 8000# 10/20 sand in 476 bbls YF4PSD. Treated @ avg press of 2200 psi w/avg rate of 10 BPM. ISIP 2450 psi. Calc. flush: 5856 gal, Actual flush: 5838 gal.
4/24/82	5570'-5600'	<b>Frac zone as follows:</b> 33,000# 20/40 sand + 12,000# 10/20 sand in 571 bbls YF4PSD. Treated @ avg press of 1450 psi w/avg rate of 10 BPM. ISIP 1750 psi. Calc. flush: 5570 gal, Actual flush: 5544 gal.
4/26/82	5269'-5296'	<b>Frac zone as follows:</b> 47,000# 20/40 sand + 16,000# 10/20 sand in 762 bbls YF4PSD. Treated @ avg press of 2150 psi w/avg rate of 10 BPM. ISIP 2750 psi. Calc. flush: 5269 gal, Actual flush: 5250 gal.
4/29/82	4856'-4874'	<b>Frac zone as follows:</b> 30,000# 20/40 sand + 6120# 10/20 sand in 465 bbls YF4PSD. Treated @ avg press of 1800 psi w/avg rate of 10 BPM. ISIP 3100 psi. Calc. flush: 4856 gal, Actual flush: 3780 gal.
9/04/96	5010'-5014'	<b>Frac zone as follows:</b> 13,700# 16/30 sand in 172 bbls 2% KCl. Treated @ avg press of 3650 psi w/avg rate of 15.1 BPM. ISIP 2200 psi. Calc. flush: 1285 gal, Actual flush: 1260 gal.
9/07/96	4702'-4705'	<b>Frac zone as follows:</b> 14,500# 16/30 sand in 245 bbls 2% KCl. Treated @ avg press of 3250 psi w/avg rate of 30.2 BPM. ISIP 2200 psi. Calc. flush: 4702 gal, Actual flush: 4662 gal.
7/09/02		<b>Tubing leak.</b> Update rod and tubing details
6/3/04		<b>Tubing Leak.</b> Update rod details.
03/18/11		<b>Parted Rods.</b> Rod & tubing updated.
10/12/11	5010-5014'	<b>Frac B2 sands as follows:</b> 15033# 20/40 sand in 128 bbls Lighting 17 fluid.
10/12/11	4702-4705'	<b>Frac D1 sands as follows:</b> 14257# 20/40 sand in 126 bbls Lighting 17 fluid.
10/12/11	4230-4234'	<b>Frac GB6 sands as follows:</b> 13712# 20/40 sand in 123 bbls Lighting 17 fluid.
10/14/11		<b>Convert to Injection Well</b>
10/17/11		<b>Conversion MIT Finalized</b> - update tbg detail
03/16/12		<b>W/O Tubing Maintenance</b> - straddle packer
03/19/12		<b>W/O MIT Finalized</b> - update tbg details

#### PERFORATION RECORD

4/23/82	5856'-5868'	2 SPF	24 holes
4/24/82	5588'-5600'	2 SPF	24 holes
4/24/82	5570'-5580'	2 SPF	20 holes
4/26/82	5269'-5296'	2 SPF	54 holes
4/29/82	4856'-4874'	2 SPF	36 holes
9/04/96	5010'-5014'	4 SPF	16 holes
9/04/96	4702'-4705'	4 SPF	12 holes
10/12/11	5010-5014'	3 SPF	12 holes
10/12/11	4702-4705'	3 SPF	9 holes
10/12/11	4230-4234'	3 SPF	12 holes

### NEWFIELD

Castle Peak Fed. 44-10-9-16  
 557' FSL & 667' FEL  
 SESE Section 10-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-30630; Lease #UTU-017985

Spud Date: 11/27/1964  
 Put on Production: 1/14/1965  
 GL: 5605' KB: 5615'

### Walton Federal 4-11-9-16

Initial Production: 155 BOPD,  
 40 MCFD, 0 BWPD

**SURFACE CASING**

CSG SIZE: 9-5/8"  
 GRADE J-55  
 WEIGHT 32.2#  
 LENGTH 6 jts (193')  
 DEPTH LANDED 203' KB  
 HOLE SIZE 12-1/4"  
 CEMENT DATA 200 sxs Class "G" cmt

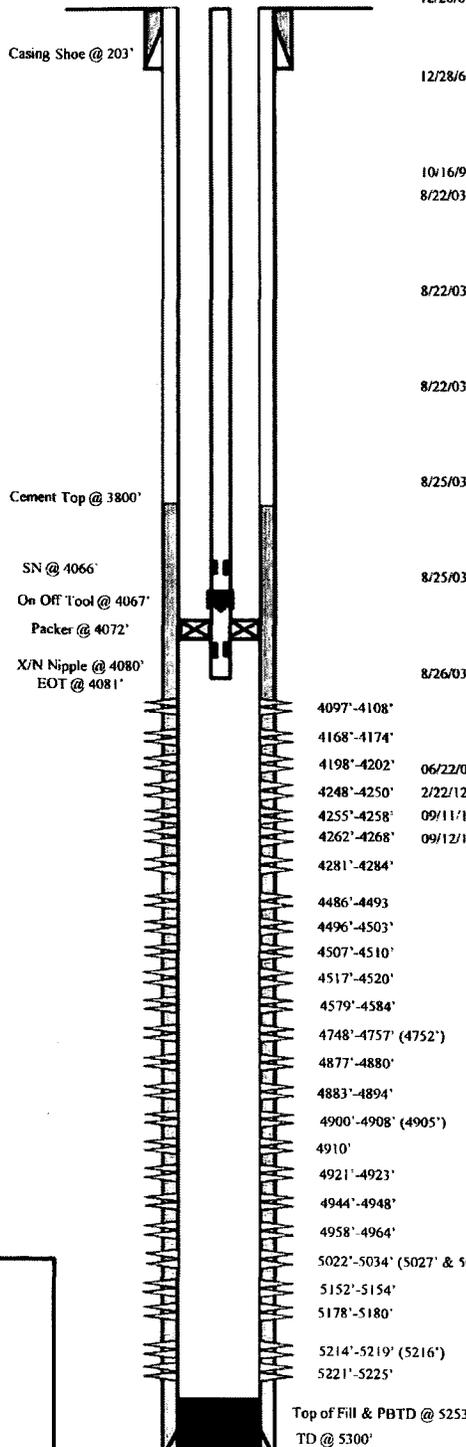
**PRODUCTION CASING**

CSG SIZE 5-1/2"  
 GRADE J-55  
 WEIGHT 15.5#  
 LENGTH 176 jts (5274')  
 DEPTH LANDED 5284'  
 HOLE SIZE 7-7/8"  
 CEMENT DATA 300 sxs cement  
 CEMENT TOP AT 3800'

**TUBING**

SIZE/GRADE/WT 2-7/8" J-55 / 6.5#  
 NO OF JOINTS: 128 jts (4055.7')  
 SEATING NIPPLE 2-7/8" (1.10')  
 SN LANDED AT: 4065.7' KB  
 ON/OFF TOOL AT 4066.8'  
 ARROW #1 PACKER CE AT 4071.57'  
 XO 2-3/8 x 2-7/8 J-55 AT 4075.3'  
 TBG PUP 2-3/8 J-55 AT 4075.8'  
 X/N NIPPLE AT 4079.9'  
 TOTAL STRING LENGTH EOT @ 4081.54'

**Injection Wellbore Diagram**



**FRAC JOB**

12/28/64	5027'-5216'	Frac zones as follows: 17,750# 20/40 sand in 400 bbls crude oil, + 2000# 8/12 beads in 4200 gal crude oil Treated @ avg press of 4000 psi w/avg rate of 18.7 BPM
12/28/64	4752'-4910'	Frac zones as follows: 16,000# 20/40 sand in 416 bbls crude oil, + 900# 8/12 beads in 1800 gal crude oil Treated @ avg press of 3500 psi w/avg rate of 37 BPM Calc flush: 4752 gal Actual flush: 4956 gal
10/16/98		Test tubing, Update rod and tubing details
8/22/03	5152'-5225'	Frac A1 and 3 sands as follows: 39,882# 20/40 sand in 211 bbls Viking I-25 fluid Treated @ avg press of 3225 psi w/avg rate of 14.5 BPM ISIP 1950 psi Calc flush: 1323 gal Actual flush: 1218 gal
8/22/03	5022'-5034'	Frac B2 sands as follows: 19,591# 20/40 and in 115 bbls Viking I-25 fluid Treated @ avg press of 3000 psi w/avg rate of 15 BPM ISIP 1860 psi Calc flush 1276 gal Actual flush: 1154 gal
8/22/03	4877'-4964'	Frac C & B sands as follows: 50,555# 20/40 sand in 273 bbls Viking I-25 fluid Treated @ avg press of 3050 psi w/avg rate of 14.7 BPM ISIP 1920 psi Calc flush: 1254 gal Actual flush: 1197 gal
8/25/03	4748'-4757'	Frac D1 sands as follows: 19,742# 20/40 sand in 245 bbls Viking I-25 fluid Treated @ avg press of 2493 psi w/avg rate of 20.2 BPM ISIP 2070 psi Calc flush 4746 gal Actual flush: 4662 gal
8/25/03	4486'-4584'	Frac PB/X sands as follows: 50,279# 20/40 sand in 414 bbls Viking I-25 fluid Treated @ avg press of 2517psi w/avg rate of 22 BPM ISIP 2320 psi Calc flush: 4484 gal Actual flush: 4410 gal
8/26/03	4097'-4284'	Frac GB sands as follows: 100,000# 20/40 sand in 693 bbls Viking I-25 fluid Treated @ avg press of 1962psi w/avg rate of 20.5 BPM ISIP 1870 psi Calc flush: 4095 gal Actual flush: 4011 gal
06/22/04	4097'-4108'	Tubing Leak Update Rod detail
2/22/12	4168'-4174'	Pump Change Update Road & tubing detail
09/11/13	4198'-4202'	Convert to Injection Well
09/12/13	4248'-4250'	Conversion MIT Finalized - update tbg detail
	4255'-4258'	
	4262'-4268'	
	4281'-4284'	
	4486'-4493'	
	4496'-4503'	
	4507'-4510'	
	4517'-4520'	
	4579'-4584'	
	4748'-4757' (4752')	
	4877'-4880'	
	4883'-4894'	
	4900'-4908' (4905')	
	4910'	
	4921'-4923'	
	4944'-4948'	
	4958'-4964'	
	5022'-5034' (5027' & 5032')	
	5152'-5154'	
	5178'-5180'	
	5214'-5219' (5216')	
	5221'-5225'	
	Top of Fill & PBTD @ 5253'	
	TD @ 5300'	

**PERFORATION RECORD**

12/26/64	5216'	3 SPF	03 holes
12/26/64	5032'	3 SPF	03 holes
12/26/64	5027'	3 SPF	03 holes
12/28/64	4910'	3 SPF	03 holes
12/28/64	4905'	3 SPF	03 holes
12/28/64	4752'	3 SPF	03 holes
8/21/03	5221'-5225'	2 JSFP	8 holes
8/21/03	5214'-5219'	2 JSFP	10 holes
8/21/03	5178'-5180'	4 JSFP	8 holes
8/21/03	5152'-5154'	4 JSFP	8 holes
8/21/03	5022'-5034'	2 JSFP	22 holes
8/21/03	4958'-4964'	4 JSFP	24 holes
8/21/03	4944'-4948'	4 JSFP	16 holes
8/21/03	4921'-4923'	2 JSFP	4 holes
8/21/03	4900'-4908'	2 JSFP	16 holes
8/21/03	4883'-4894'	2 JSFP	22 holes
8/21/03	4877'-4880'	2 JSFP	6 holes
8/21/03	4748'-4757'	2 JSFP	18 holes
8/25/03	4579'-4584'	4 JSFP	20 holes
8/25/03	4517'-4520'	2 JSFP	6 holes
8/25/03	4507'-4510'	2 JSFP	6 holes
8/25/03	4496'-4503'	2 JSFP	14 holes
8/25/03	4486'-4493'	2 JSFP	14 holes
8/26/03	4281'-4284'	2 JSFP	6 holes
8/26/03	4262'-4268'	2 JSFP	12 holes
8/26/03	4255'-4258'	2 JSFP	6 holes
8/26/03	4248'-4250'	2 JSFP	4 holes
8/26/03	4198'-4202'	2 JSFP	8 holes
8/26/03	4168'-4174'	2 JSFP	12 holes
8/26/03	4097'-4108'	2 JSFP	22 holes

**NEWFIELD**

Walton Federal 4-11-9-16  
 1980' FNI, & 1975' FWL  
 SENW Section 11-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-15795; Lease #U-096550

Spud Date: 1/2/03  
 Put on Production: 1/29/04  
 GL: 5552' KB: 5564'

## Jonah Federal 4-11-9-16

Initial Production: 56 BOPD,  
 78 MCFD, 5 BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (294.88')  
 DEPTH LANDED: 304.88'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs class G cmt, est 11 bbls to surf.

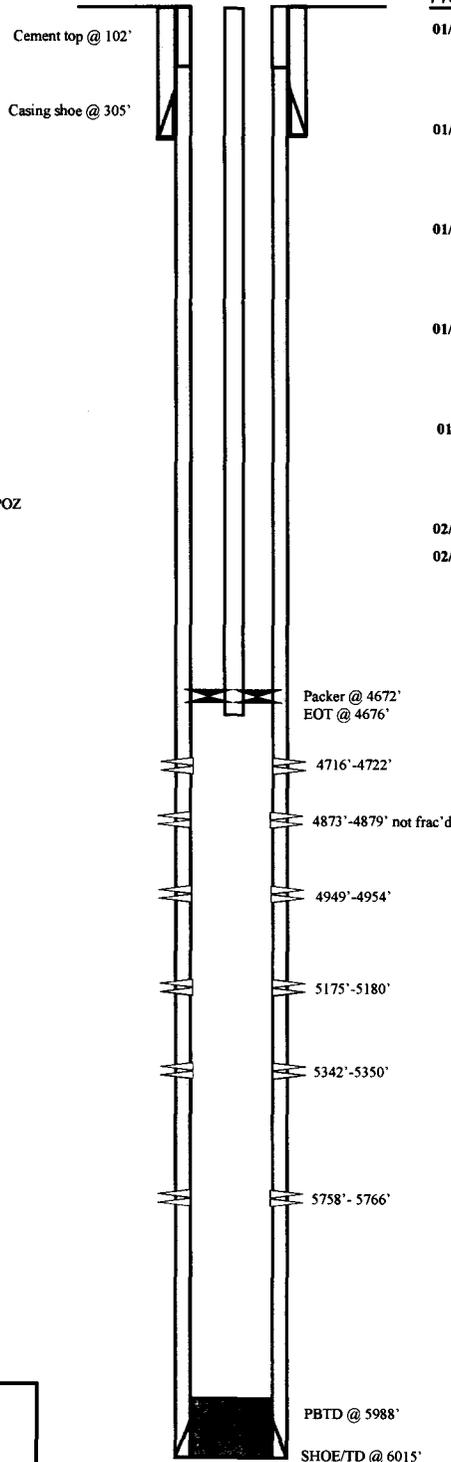
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 135 jts (6016.67')  
 DEPTH LANDED: 6014.67'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Premlite II and 400 sxs 50/50 POZ  
 CEMENT TOP AT: 102'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 141 jts (4655.7')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4667.7' KB  
 CE @ 4672.07'  
 TOTAL STRING LENGTH: 4676' W/12' KB

### Injection Wellbore Diagram



### FRAC JOB

01/22/04 5758'-5766' **Frac CP1 sands as follows:**  
 30,019# 20/40 sand in 331 bbls Lightning 17 frac fluid. Treated @ avg pressure of 1765 psi w/avg rate of 24.8 BPM. ISIP-2000. Calc. flush: 5756 gals. Actual flush: 5250 gals.

01/22/04 5342'-5350' **Frac LODC sands as follows:**  
 39,662# 20/40 sand in 377 bbls Lightning 17 frac fluid. Treated @ avg pressure of 2565 psi w/avg rate of 24.6 BPM. ISIP-2620. Calc. flush: 5340 gals. Actual flush: 5334 gals.

01/22/04 5175'-5180' **Frac A3 sands as follows:**  
 24,875# 20/40 sand in 283 bbls Lightning 17 frac fluid. Treated @ avg pressure of 2200 psi w/avg rate of 24.7 BPM. ISIP-2020. Calc. flush: 5173 gals. Actual flush: 4830 gals.

01/23/04 4949'-4954' **Frac B1 sands as follows:**  
 25,264# 20/40 sand in 278 bbls Lightning 17 frac fluid. Treated @ avg pressure of 1777 psi w/avg rate of 24.6 BPM. ISIP-2230. Calc. flush: 4947 gals. Actual flush: 4674 gals.

01/23/04 4716'-4722' **Frac D1 sands as follows:**  
 29,035# 20/40 sand in 299 bbls Lightning 17 frac fluid. Treated @ avg pressure of 2519 psi w/avg rate of 25.3 BPM. ISIP-2115. Calc. flush: 4714 gals. Actual flush: 4620 gals.

02/15/11 **Convert to Injection well.**

02/18/11 **Conversion MIT finalized - update tbg detail.**

### PERFORATION RECORD

Date	Depth Range	Tool	Holes
01/21/04	5758'-5766'	4 JSPF	32 holes
01/22/04	5342'-5350'	4 JSPF	32 holes
01/22/04	5175'-5180'	4 JSPF	20 holes
01/22/04	4949'-4954'	4 JSPF	20 holes
01/23/04	4873'-4879'	4 JSPF	20 holes
01/23/04	4872.5'-4878.5'	4 JSPF	24 holes
01/23/04	4716'-4722'	4 JSPF	24 holes

**NEWFIELD**

**Jonah Federal 4-11-9-16**

864 FNL & 711 FWL

NWNW Section 11-T9S-R16E

Duchesne County, Utah

API # 43-013-32279; Lease # U-096550

## Monument Federal #12-11-9-16

Spud Date: 12/16/93  
 Put on Production: 2/02/94  
 Put on injection: 11/01/94  
 GL: 5625' KB: 5635'

Initial Production: 17 BOPD,  
 100 MCFD, 0 BWPD

Injection Wellbore  
 Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 263.6'  
 DEPTH LANDED: 271' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs Class "G" cmt, est 4 bbls cmt to surf.

### PRODUCTION CASING

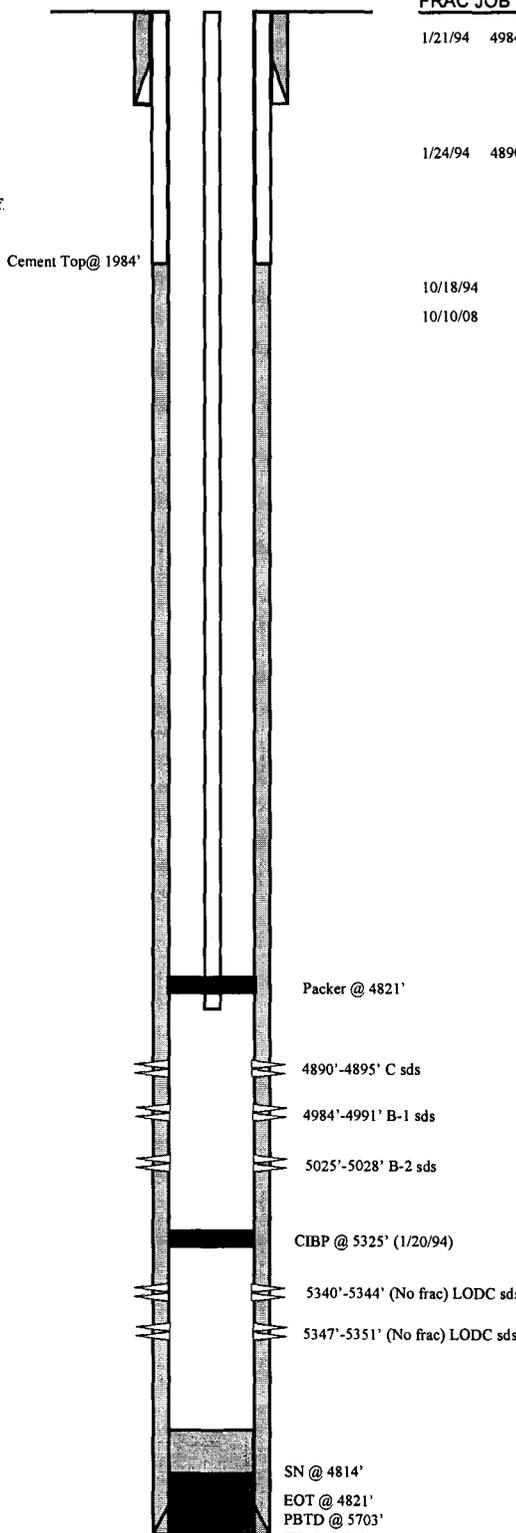
CSG SIZE: 5-1/2" / K-55 / 15.5#  
 LENGTH: 5739'  
 DEPTH LANDED: 5748' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 130 sxs Hifill & 265 sxs 50/50 POZ.  
 CEMENT TOP AT: 1984' per CBL

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 152 jts. (4813.70')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4814.80' KB  
 2 7/8" x 2 3/8" x-over: 4815.40' KB  
 TUBING PACKER: 4821.60'  
 TOTAL STRING LENGTH: EOT @ 4821.60'

### FRAC JOB

1/21/94	4984'-5028'	<b>Frac zone as follows:</b> 28,620# 16/30 sand in 384 bbls frac fluid. Treated @ avg press of 2100 psi w/avg rate of 25.9 BPM. ISIP 1600 psi. Calc. flush: 4984 gal. Actual flush: 4914 gal.
1/24/94	4890'-4895'	<b>Frac zone as follows:</b> 17,220# 16/30 sand in 178 bbls frac fluid. Treated @ avg press of 2300 psi w/avg rate of 19.5 BPM. Calc. flush: 4890 gal. Actual flush: 2016 gal. Screened out during flush.
10/18/94		Convert to injection. Update tubing details.
10/10/08		Zone stimulation.



### PERFORATION RECORD

1/19/94	5347'-5351'	2 SPF	08 holes
1/19/94	5340'-5344'	2 SPF	08 holes
1/20/94	5025'-5028'	2 SPF	06 holes
1/20/94	4984'-4991'	2 SPF	14 holes
1/24/94	4890'-4895'	2 SPF	10 holes



**Monument Federal #12-11-9-16**  
 2128' FNL & 689' FWL  
 SWNW Section 11-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31417; Lease #UTU-096550

Spud Date: 9/20/93  
 Put on Production: 10/27/93  
 Put on Injection: 11/04/94  
 GL: 5661' KB: 5671'

## Balcron Monument Fed. #14-11J-9-16

Initial Production: 20 BOPD,  
 600 MCFD, 8 BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: K-55  
 WEIGHT: 24#  
 LENGTH: 6 jts. (271.35')  
 DEPTH LANDED: 281'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs Class "G" cmt, est 4 bbls cmt to surf.

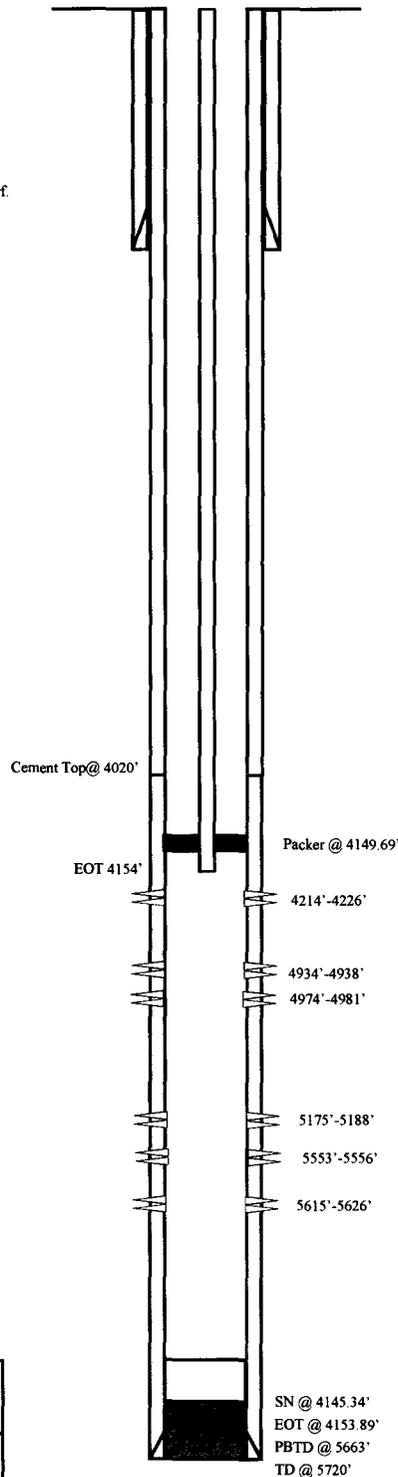
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: K-55  
 WEIGHT: 15.5#  
 LENGTH: 132 jts. (5699.92')  
 DEPTH LANDED: 5663.56'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 136 sxs Class "G" & 206 sxs 50/50 POZ.  
 CEMENT TOP AT: 4020' per CBL.

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 134 jts (4135.34')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4145.34' KB  
 PACKER: 4149.69'  
 TOTAL STRING LENGTH: EOT @ 4153.89'

Injection Wellbore  
 Diagram



### FRAC JOB

10/06/93	5553'-5556'	<b>Frac zone as follows:</b> 15,000# 16/30 sand in 219 bbls 2% KCl frac fluid. Treated @ avg press of 3000 psi w/avg rate of 18.7 BPM. ISIP 1950 psi. Calc. flush: 5553 gal., Actual flush: 5502 gal.
10/07/93	5175'-5188'	<b>Frac zone as follows:</b> 16,200# 16/30 + 16,300# 20/40 sand in 353 bbls 2% KCl frac fluid. Treated @ avg press of 2250 psi w/avg rate of 20.4 BPM. ISIP 2000 psi. Calc. flush: 5175 gal., Actual flush: 5082 gal.
8/23/06		<b>Re-completion (New perms)</b>
8/21/06		<b>Frac CP2 sds as follows:</b> #25,386#'s of 20/40 sand in 230 bbls of Lightning 17 fluid. Broke @ 4146 psi. Treated w/ave pressure of 4056 psi @ 14.4 BPM. ISIP 3750 psi.
8/21/06		<b>Frac B5 &amp; B2 sds as follows:</b> 40,480#'s of 20/40 sand in 332 bbls of Lightning 17 fluid. Broke @ 3490 psi. Treated w/ave pressure of 3678 psi @ 14.3 BPM. ISIP 2650 psi.
8/22/06		<b>Frac GB6 sds as follows:</b> 26,529#'s of 20/40 sand in 225 bbls of Lightning fluid. Broke @ 3384 psi. Psi @ 3351 BPM. ISIP 1850 psi.
10/16/08		Zone Stimulation. Updated tubing details.

### PERFORATION RECORD

10/05/93	5553'-5556'	2 JSPF	06 holes
10/07/93	5175'-5188'	2 JSPF	26 holes
8/21/06	5615'-5626'	4 JSPF	44 holes
8/21/06	4974'-4981'	4 JSPF	28 holes
8/21/06	4934'-4938'	4 JSPF	16 holes
8/22/06	4214'-4226'	4 JSPF	48 holes

**NEWFIELD**

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**Balcron Monument Fed. #14-11J-9-16**  
 1048' FSL & 446' FWL  
 SWSW Section 11-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31374; Lease #U-096547

Sundry Number: 41269 API Well Number: 43013157920000

Spud Date: 4/01/1964  
 Put on Production: 05/11/1964  
 GL: 5501' KB: 5513'

## Walton Federal 1-11-9-16

Initial Production: 1073 BOPD,  
 100 MCFG

### Injection Wellbore Diagram

#### SURFACE CASING

CSG SIZE 9-5/8"  
 GRADE J-55  
 WEIGHT 32.2#  
 LENGTH 7 jts (212')  
 DEPTH LANDED 225'  
 HOLE SIZE 12-1/4"  
 CEMENT DATA 225 sxs cement

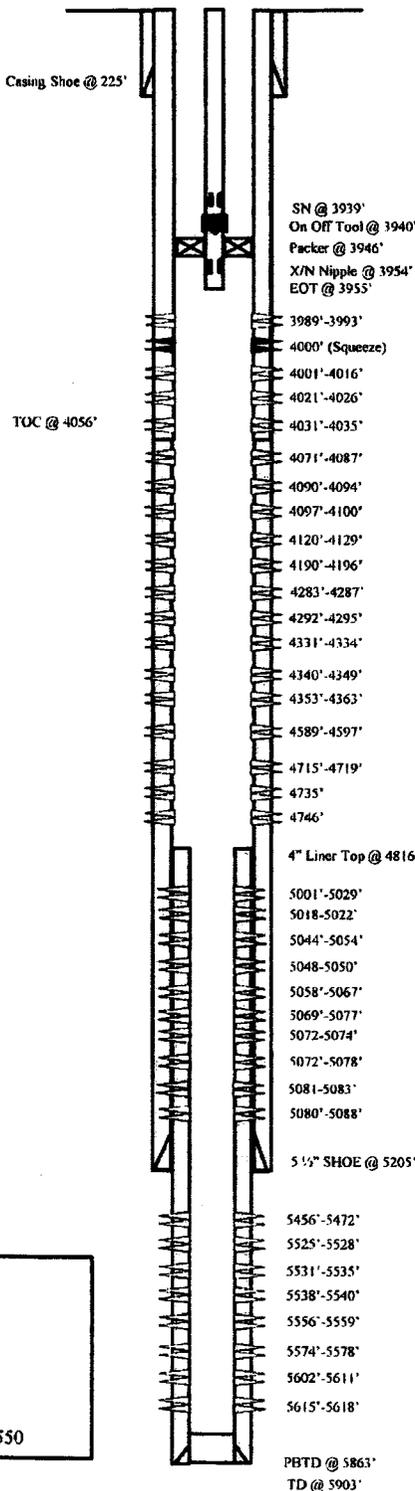
#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE J-55  
 WEIGHT 15.5#  
 LENGTH 167 jts (5192')  
 DEPTH LANDED 5205'  
 HOLE SIZE 7 7/8"  
 CEMENT DATA 400 sacks cmt  
 CEMENT TOP AT 4056' per CBL

CSG SIZE: 4"  
 GRADE J-55  
 WEIGHT 11#  
 LENGTH 1077'  
 DEPTH LANDED 5901'  
 HOLE SIZE 4 3/4"  
 CEMENT DATA 201 sacks cmt  
 CEMENT TOP AT 5999' After squeeze  
 4" Liner Top @ 4816'

#### TUBING

SIZE/GRADE/AWT 2-7/8" / J-55 / 6.5#  
 NO OF JOINTS 125 jts (3927.1')  
 SEATING NIPPLE 2-7/8" (1.10')  
 SN LANDED AT 3939.1' KB  
 ON/OFF TOOL AT 3940.2'  
 ARROW #1 PACKER CE AT 3945.71'  
 XO 2-3/8 x 2-7/8 J-55 AT 3949.2'  
 TBG PUP 2-3/8 J-55 AT 3949.7'  
 X/N NIPPLE AT 3953.9'  
 TOTAL STRING LENGTH EOT @ 3955.41'



#### FRAC JOB

5/07/64	5007'-5020'	Frac zone as follows: 21,000# 20/40 sand + 2000# 8/12 beads in 500 bbl crude oil Treated @ 3750 psi @ 37 BPM
5/07/64	4735'-4746'	Frac zone as follows: 20,000# 20/40 sand + 2000# 8/12 beads in 475 bbl crude oil Treated @ 3700 psi @ 32 BPM
10/05/66	4735'-5084'	Frac zone as follows: 62,000# 20/40 sand + 2000# beads in 1750 bbl 1% acetic acid Treated @ 2800 psi @ 54 BPM Calc flush 5075 gal Actual flush 6500 gal
9/25/96	5007'-5084'	Frac zone as follows: 29,760# 16/30 sand in 168 bbl KCl Treated @ 3450 psi @ 13 BPM, ISIP 1900 psi
9/25/96	4589'-4746'	Frac zone as follows: 12,000# 16/30 sand in 212 bbl KCl Treated @ 2900 psi @ 22.5 BPM, ISIP 2520 psi
8/11/03	5456'-5618'	Frac CPl, CP2, & CP3 sands as follows: 120,25# 20/40 sand in 879 Bbls Viking 1-25 fluid Treated @ avg. press of 3825 psi w/ avg. rate of 14.4 BPM ISIP 1770 psi Calc flush: 1270 Gal Actual flush: 1218 gal
8/12/03	4589'-4597'	Re-Frac D1 sands as follows: 20,026# 20/40 sand in 235 Bbls Viking 1-25 fluid Treated @ avg. press of 3340 psi w/ avg. rate of 17.3 BPM ISIP 3850 psi Calc flush 4587 gal Actual flush 4410 gal
8/13/03	4190'-4363'	Frac PB7, PB10, & PB11 sands as follows: 65,400# 20/40 sand in 485 Bbls Viking 1-25 fluid Treated @ avg. press of 3225 psi w/ avg. rate of 23.6 BPM ISIP 3850 psi Calc Flush: 4188 gal Actual flush: 2142 gal (Screened Out)
8/13/03	3989'-4129'	Frac GB2, GB4, and GB6 sands as follows: 155,102# 20/40 sand in 996 Bbls Viking 1-25 fluid Treated @ avg. press of 1950 psi w/ avg. rate of 24.5 BPM ISIP 2200 psi Calc flush 3987 gal Actual flush 3906 gal
9/20/10		Re-Completion
9/14/10	5018'-5083'	Frac A1 & A3 sands as follows: 33495# 20/40 sand in 261 bbls Lightning 17 fluid Convert to Injection Well
08/06/13		Conversion MIT Finalized - update @g detail
08/08/13		

#### PERFORATION RECORD

5/06/64	5020'	3 SPF	03 holes
5/06/64	5013'	3 SPF	03 holes
5/06/64	5007'	3 SPF	03 holes
5/06/64	4746'	3 SPF	03 holes
5/06/64	4735'	3 SPF	03 holes
10/5/66	5075'	1 SPF	01 hole
10/5/66	5084'	1 SPF	01 hole
08/19/82	4589'-4597'	4 SPF	32 holes
9/24/96	5072'-5078'	2 SPF	12 holes
9/24/96	5046'-5054'	2 SPF	16 holes
9/24/96	4715'-4719'	4 SPF	16 holes
9/24/96	4500'-4595'	4 SPF	20 holes
7/24/03	4000' (squeeze)	4 JSPF	4 holes
8/11/03	5615'-5618'	4 JSPF	12 holes
8/11/03	5602'-5611'	4 JSPF	36 holes
8/11/03	5574'-5578'	4 JSPF	16 holes
8/11/03	5556'-5559'	4 JSPF	12 holes
8/11/03	5538'-5540'	4 JSPF	8 holes
8/11/03	5531'-5535'	4 JSPF	16 holes
8/11/03	5525'-5528'	4 JSPF	12 holes
8/11/03	5456'-5472'	4 JSPF	64 holes
8/12/03	4353'-4363'	4 JSPF	40 holes
8/12/03	4340'-4349'	4 JSPF	36 holes
8/12/03	4331'-4334'	4 JSPF	12 holes
8/12/03	4292'-4295'	4 JSPF	12 holes
8/12/03	4283'-4287'	4 JSPF	16 holes
8/12/03	4190'-4196'	4 JSPF	24 holes
8/13/03	4120'-4129'	4 JSPF	36 holes
8/13/03	4097'-4100'	4 JSPF	12 holes
8/13/03	4090'-4094'	4 JSPF	16 holes
8/13/03	4071'-4087'	4 JSPF	64 holes
8/13/03	4031'-4035'	4 JSPF	16 holes
8/13/03	4021'-4026'	4 JSPF	20 holes
8/13/03	4001'-4016'	4 JSPF	60 holes
8/13/03	3989'-3993'	4 JSPF	16 holes
8/14/03	5080'-5088'	2 JSPF	16 holes
8/14/03	5069'-5077'	2 JSPF	16 holes
8/14/03	5058'-5067'	2 JSPF	18 holes
8/14/03	5044'-5054'	2 JSPF	20 holes
8/14/03	5001'-5029'	2 JSPF	56 holes
9/14/10	5081-5083'	3 JSPF	6 holes
9/14/10	5072-5074'	3 JSPF	6 holes
9/14/10	5048-5050'	3 JSPF	6 holes
9/14/10	5018-5022'	3 JSPF	12 holes



**Walton Federal 1-11-9-16**  
 705' FSL & 704' FEL  
 SESE Section 11-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-15792; Lease #U-096550

## Balcron Monument Fed 23-11

Spud Date: 8/30/93  
 Put on Production: 10/21/93  
 Put on Injection: 10/29/94  
 GL: 5621' KB: 5631'

Initial Production: 110 BOPD,  
 165 MCFD, 20 BWPD

Injection Wellbore  
 Diagram

**SURFACE CASING**

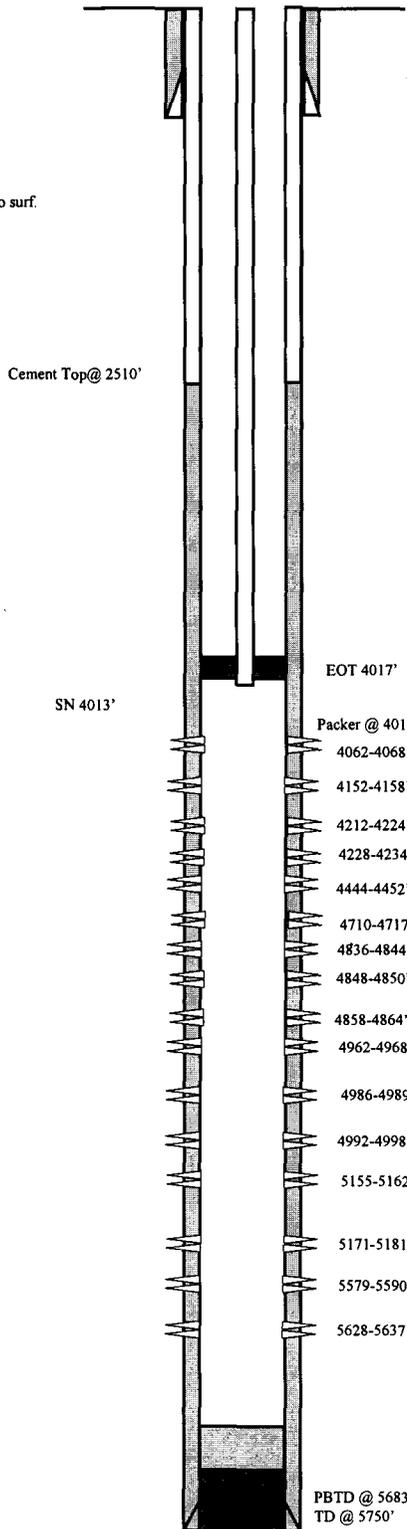
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 6 jts. (225.31')  
 DEPTH LANDED: 277' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs Class "G" cmt, est 4 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: K-55  
 WEIGHT: 15.5#  
 LENGTH: 140 jts. (5674.08')  
 DEPTH LANDED: 5730.67'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 90 sxs Hifill & 350 sxs 50/50 POZ.  
 CEMENT TOP AT: 2510 per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 128 jts (4002.91')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4012.91' KB  
 5 1/2" ARROWSET PACKER: 4014' KB  
 TOTAL STRING LENGTH: EOT @ 4017.26' KB



**FRAC JOB**

Date	Depth Range	Description
9/28/93	5155'-5181'	<b>Frac zone as follows:</b> 28,200# 20/40 sand + 29,180# 16/30 sand in 386 bbls Viking 1-35 fluid. Treated @ avg press of 1800 psi w/avg rate of 25.1 BPM. ISIP 1900 psi. Calc. flush: 5155 gal. Actual flush: 5082 gal.
10/01/93	4840'-4998'	<b>Frac zone as follows:</b> 30,700# 20/40 sand + 29,500# 16/30 sand in 562 bbls 2% KCl fluid. Treated @ avg press of 2200 psi w/ave rate of 25 BPM. ISIP 1600 psi. Calc. flush: 4840 gal. Actual flush: 4830 gal.
10/01/93	4710'-4718'	<b>Frac zone as follows:</b> 20,000# 16/30 sand in 277 bbls 2% KCl fluid. Treated @ avg press of 2500 psi w/ave rate of 19.5 BPM. ISIP 2000 psi. Calc. flush: 4710 gal. Actual flush: 4704 gal.
8-23-05	5579-5590'	<b>Frac CP1 &amp; CP2 sands as follows:</b> 13508#'s 20/40 sand in 167 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2724 psi w/ave rate of 14.1 BPM. ISIP 1600 psi. Calc. flush: 1446 gal. Actual flush 1344 gals.
8-23-05	4444-4452'	<b>Frac PB11 sands as follows:</b> 14452#'s 20/40 sand in 156 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3025 psi w/ave rate of 14 BPM. ISIP 2200 psi. Calc. flush: 1325 gal. Actual flush 1092 gals.
8-23-05	4152-4234'	<b>FracGB4 &amp; GB6 sands as follows:</b> 46326#'s 20/40 sand in 381 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2581 psi w/ave rate of 14.1 BPM. ISIP1900 psi. Calc. flush: 1175 gal. Actual flush 966 gals.
10/09/08		Zone Stimulation. Injection Tubing updated.
05/20/10		Tubing Leak. Tubing detail updated.

**PERFORATION RECORD**

Date	Depth Range	Perforation Details
9/27/93	5171'-5181'	2 JSPF 20 holes
9/27/93	5155'-5162'	2 JSPF 14 holes
9/27/93	4998', 4996', 4994', 4992', 4988', 4984', 4968', 4962', 4864', 4858', 4864', 4858'	1 JSPF 12 holes
10/01/93	4710'-4717'	2 JSPF 14 holes
10/09/94	4992'-4998'	2 JSPF 12 holes
10/09/94	4986'-4989'	2 JSPF 06 holes
10/09/94	4962'-4968'	2 JSPF 12 holes
10/09/94	4858'-4864'	2 JSPF 12 holes
10/09/94	4848'-4850'	2 JSPF 04 holes
10/09/94	4836'-4844'	2 JSPF 16 holes
8-22-05	5579-5590'	4 JSPF 44 holes
8-22-05	5628-5637'	4 JSPF 36 holes
8-22-05	4062-4068'	4 JSPF 24 holes
8-22-05	4152-4158'	4 JSPF 24 holes
8-22-05	4212-4224'	4 JSPF 48 holes
8-22-05	4228-4234'	4 JSPF 24 holes
8-22-05	4444-4452'	4 JSPF 32 holes

**NEWFIELD**

**Balcron Monument Fed 23-11**  
 1787 FSL 2147 FWL  
 NESW Section 11-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31369; Lease #U-096550

# Balcron Mon Fed 33-11J-9-16

Spud Date: 6/16/1994  
 Put on Production: 7/25/1994  
 GL: 5608' KB: 5618'

Initial Production: 51.6 BOPD,  
 31.5 MCFD, 8.4 BWPD

Injection Wellbore  
 Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 6 jts. (266.45')  
 DEPTH LANDED: 276.45'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 165 sxs Class "G" cmt, est 5 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 135 jts. (5780.91')  
 DEPTH LANDED: 5791.51' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 240 sxs Super "G" & 243 sxs 50/50 POZ.  
 CEMENT TOP AT: 2090' per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 128 jts (4138.5')  
 CE @ 4148.5'  
 NO. OF JOINTS: 20 jts (641.6')  
 XO 2 7/8" x 2 3/8" x-over @ 4798.8'  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4799.3' KB  
 XO 2 7/8" x 2 3/8" x-over @ 4800.4'  
 STINGER @ 4801.0'  
 CE @ 4801.3'  
 TOTAL STRING LENGTH: EOT @ 4806'

**FRAC JOB**

7/06/94 5191'-5208' **Frac A3 zone as follows:** 36,800# 16/30 sand in 380 bbls Viking I-35 fluid. Treated @ avg press of 1900 psi w/avg rate of 30 BPM. ISIP 1800 psi. Calc. flush: 5191 gal. Actual flush: 5166 gal.

7/11/94 4861'-4883' **Frac C-sd zone as follows:** 53,640# 16/30 sand in 469 bbls Viking I-35 fluid. Treated @ avg press of 2500 psi w/avg rate of 30.4 BPM. ISIP 2000 psi. Calc. flush: 4861 gal. Actual flush: 4830 gal.

7/9/03 5590'-5652' **Frac CP1/CP2 sands as follows:** 59,124# 20/40 sand in 471 bbls Viking I-25 fluid. Treated @ avg press of 2896 psi w/avg rate of 14 BPM. ISIP 1840 psi. Calc. flush: 1427 gal. Actual flush: 1302 gal.

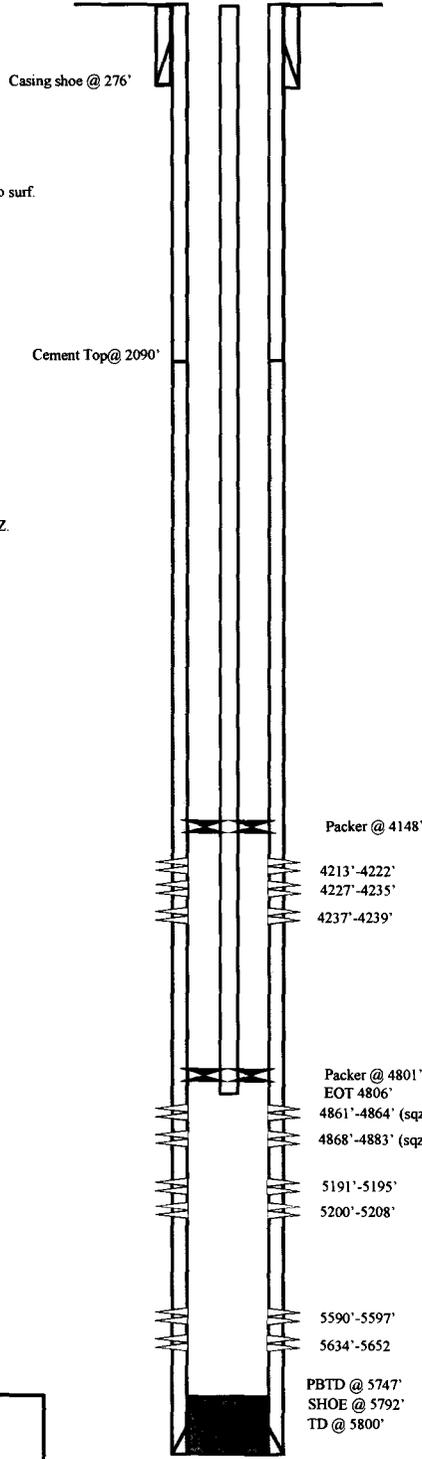
7/9/03 4213'-4239' **Frac GB6 sands as follows:** 60,810# 20/40 sand in 462 bbls Viking I-25 fluid. Treated @ avg press of 1567 psi w/avg rate of 24 BPM. ISIP 1930 psi. Calc. flush: 4211 gal. Actual flush: 4116 gal.

3/27/09 **Parted rods.** Updated & t details.

5/3/2010 **Pump changed.** Updated rod and tubing detail.

09/14/11 **Convert to Injection well**

09/19/11 **Conversion MIT Finalized** - update tbg detail



**PERFORATION RECORD**

Date	Depth Range	Tool Joint	Holes
7/8/03	4213'-4222'	4 JSPF	36 holes
7/8/03	4227'-4235'	4 JSPF	32 holes
7/8/03	4237'-4239'	4 JSPF	8 holes
7/8/03	5590'-5597'	4 JSPF	28 holes
7/8/03	5634'-5652'	4 JSPF	72 holes
6/30/94	5200'-5208'	4 JSPF	32 holes
6/30/94	5191'-5195'	4 JSPF	16 holes
7/08/94	4868'-4883'	4 JSPF	60 holes
7/08/94	4861'-4864'	4 JSPF	12 holes

**NEWFIELD**

**Balcron Mon Fed 33-11J-9-16**  
 1970' FSL & 2031' FEL  
 NW/SE Section 11-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31451; Lease #UTU-096550

## Jonah G-11-9-16

Spud Date:-3-11-10  
 Put on Production: 4-24-10  
 GL:5551' KB:5563'

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (308.77')  
 DEPTH LANDED: 321.62'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

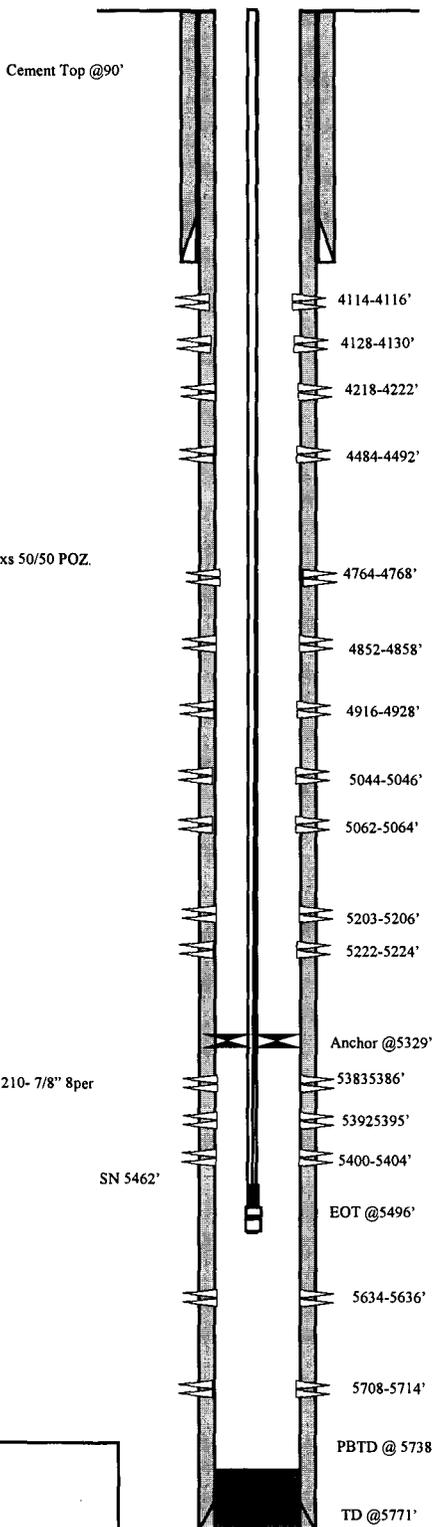
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 132jts. 5751.55')  
 HOLE SIZE: 7-7/8"  
 TOTAL DEPTH: 5764.80'  
 CEMENT DATA: 275sxs Prem. Lite II mixed & 350 sxs 50/50 POZ.  
 CEMENT TOP AT: 90'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 169jts (5315.9')  
 TUBING ANCHOR: 5328.9'  
 NO. OF JOINTS 1jts (31.5')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 5363.3' KB  
 NO. OF JOINTS: 1jts (31.5')  
 TOTAL STRING LENGTH: EOT @ 5496'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 30'  
 SUCKER RODS: 1-2x 7/8 pony rod, 1-4x 7/8 pony rod, 210- 7/8" 8per guided rods, 4- 1 1/4" weight bars.  
 PUMP SIZE: 2 1/2 x 1 3/4 x 24' RHAC  
 STROKE LENGTH: 144  
 PUMP SPEED: SPM 6



### FRAC JOB

- 4-24-10 5634-5714' **Frac CP1 & CP2 sands as follows:**  
Frac with 30293# 20/40 sand in 257bbbs Lightning 17.
- 4-24-10 5392-5404' **Frac LOCD as Follows:**Frac with 50541# 20/40 sand in 3161bbbs Lightning 17.
- 4-24-10 5044-5206' **Frac A1, B2 & A3 sands as follows:**Frac with 40516# 20/40 sand in 271bbbs lightning 17.
- 4-24-10 4916-4928' **Frac C sands as follows:**Frac with 49644# 20/40 sand in 312bbbs Lightning 17.
- 4-24-10 4764-4858' **Frac D1 & D3 sands as follows:**  
Frac with 45328# 20/40 sand in 297bbbs Lightning 17 fluid.
- 4-24-10 4484-4492' **Frac PB10 sands as follows:**Frac with 19839# 20/40 sand in 169bbbs Lightning 17 fluid.
- 4-24-10 4114-4222' **Frac CB6 & CB4 sands as follows:**  
Frac with 25729# 20/40 sand in 212bbbs Lightning 17 fluid.

### PERFORATION RECORD

- 5708-5714' 3 JSPF 18 holes
- 5634-5636' 3 JSPF 6holes
- 5400-5404' 3 JSPF 12 holes
- 5392-5395' 3 JSPF 9holes
- 5383-5396' 3 JSPF 9 holes
- 5222-5224' 3 JSPF 6 holes
- 5203-5206' 3 JSPF 9 holes
- 5062-5064' 3 JSPF 6holes
- 5044-5046' 3 JSPF 6holes
- 4916-4928' 3 JSPF 36holes
- 4852-4858' 3 JSPF 18holes
- 4764-4768' 3 JSPF 12 holes
- 4484-4492' 3 JSPF 24holes
- 4218-4222' 3 JSPF 12 holes
- 4128-4130' 3 JSPF 6 holes
- 4114-4116' 3 JSPF 6 holes

**NEWFIELD**

**Jonah G-11-9-17**

SL: 851'FNL & 706' FWL (NW/NW)  
 Section 11, T9S, R17E  
 Duchesne Co, Utah  
 API # 43-013-34081; UTU-096550

## Jonah X-11-9-16

Spud Date: 01/26/2010  
 Put on Production: 02/25/2010  
 GL: 5665' KB: 5677'

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (308')  
 DEPTH LANDED: 319.85'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 152 jts. (6169.13')  
 HOLE SIZE: 7-7/8"  
 TOTAL DEPTH: 3182.38'  
 CEMENT DATA: 275 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 84'

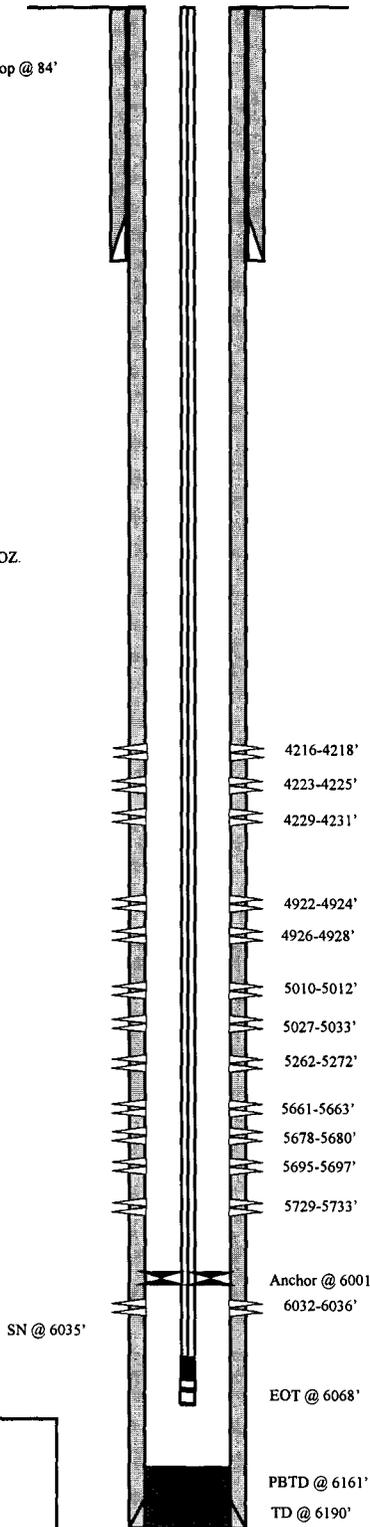
### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 190 jts (5988.5')  
 TUBING ANCHOR: 6000.5'  
 NO. OF JOINTS: 1 jts (31.5')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 6034.8' KB  
 NO. OF JOINTS: 1 jts (31.6')  
 TOTAL STRING LENGTH: EOT @ 6068'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 30'  
 SUCKER RODS: 1 - 2' x 7/8", 1 - 4' x 7/8" pony rods;  
 236 - 7/8" 8per guided rods; 4 - 1 1/2" weight bars  
 PUMP SIZE: 2 1/2 x 1 1/4 x 17' x 24' RHAC  
 STROKE LENGTH: 144  
 PUMP SPEED: SPM 5

Cement Top @ 84'



### FRAC JOB

2-25-10	6032-6036'	Frac CP5 sands as follows: Frac with 9446# 20/40 sand in 70 bbls Lightning 17 fluid.
2-25-10	5661-5733'	Frac CP.5, CP1 & CP2 sands as follows: Frac with 41029# 20/40 sand in 200 bbls Lightning 17 fluid.
2-25-10	5262-5272'	Frac A3 sands as follows: Frac with 35272# 20/40 sand in 172 bbls Lightning 17 fluid.
2-25-10	4922-5033'	Frac D3, B.5 & B1 sands as follows: Frac with 29462# 20/40 sand in 184 bbls Lightning 17 fluid.
2-25-10	4216-4231'	Frac GB4 sands as follows: Frac with 21788# 20/40 sand in 131 bbls Lightning 17 fluid.

### PERFORATION RECORD

6032-6036'	3 JSPF	12 holes
5729-5733'	3 JSPF	12 holes
5695-5697'	3 JSPF	6 holes
5678-5680'	3 JSPF	6 holes
5661-5663'	3 JSPF	6 holes
5262-5272'	3 JSPF	30 holes
5027-5033'	3 JSPF	18 holes
5010-5012'	3 JSPF	6 holes
4926-4928'	3 JSPF	6 holes
4922-4924'	3 JSPF	6 holes
4229-4231'	3 JSPF	6 holes
4223-4225'	3 JSPF	6 holes
4216-4218'	3 JSPF	6 holes

**NEWFIELD**

**Jonah X-11-9-16**  
 1031' FSL & 438' FWL (SW/SW)  
 Section 11, T9S, R16E  
 Duchesne Co, Utah  
 API # 43-013-34082 Lease # UTU-096547

## Monument Fed. 41-15J-9-16

Spud Date: 9/23/93  
 Put on Production: 11/09/93  
 Put on Injection: 11/09/94  
 GL: 5715' KB: 5725'

Initial Production: 20 BOPD,  
 60 MCFD, 20 BWPD

Injection Wellbore  
 Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 6 jts. (270.26')  
 DEPTH LANDED: 277.00' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs Class "G" cmt, est 5 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: K-55  
 WEIGHT: 15.5#  
 LENGTH: 131 jts. (5691.06')  
 DEPTH LANDED: 5703.06' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 115 sxs Hi-Lift & 275 sxs Class "G".  
 CEMENT TOP AT: 2845' per CBL

**TUBING**

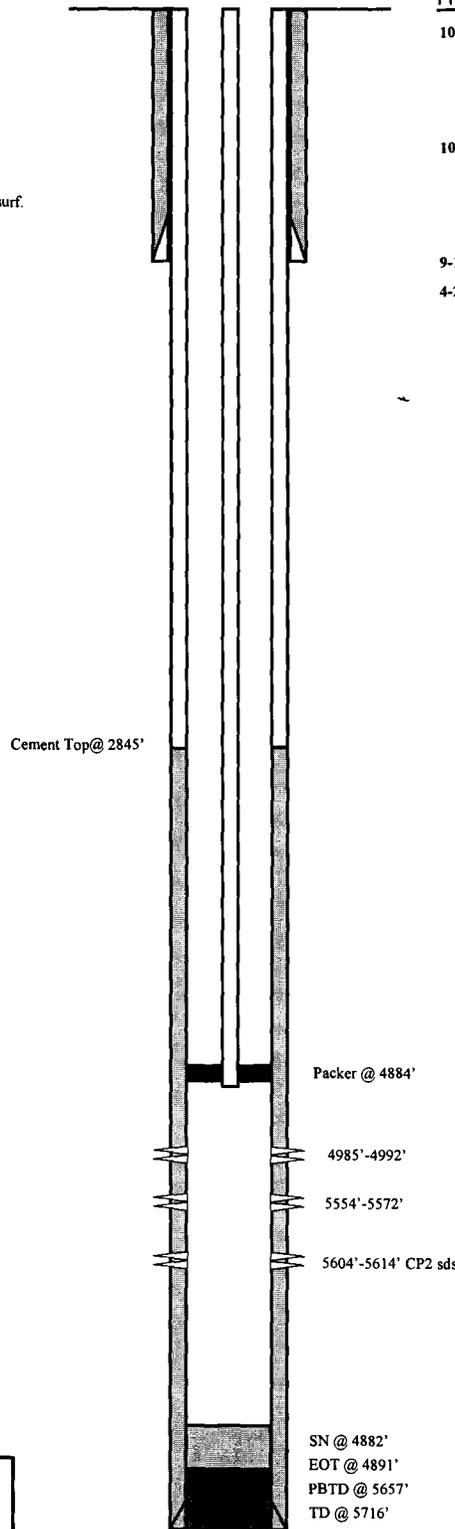
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 158 jts (4882.00')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4882' KB  
 2 7/8" x 2 3/8" CROSSOVER: 4883' KB  
 PACKER: 4884' KB  
 TOTAL STRING LENGTH: EOT @ 4891'

**FRAC JOB**

10/16/93 5547'-5614' **Frac zone as follows:**  
 62,428# 16/30 sand in 733 bbl 2% KCl. Avg. treating press. 2000 psi @ 35 BPM. ISIP 2725 psi. Calc. flush: 5554 gal. Actual flush: 4242 gal.

10/19/93 4985'-4992' **Frac zone as follows:**  
 17,700# 16/30 sand in 270 bbl 2% KCl. Avg. treating press. 2700 psi @ 17 BPM. ISIP 2900 psi. Calc. flush: 4985 gal. Actual flush: 4956 gal.

9-12-08 **Zone Stimulation.** Updated tubing details.  
 4-21-10 **5 YR MIT**



**PERFORATION RECORD**

Date	Depth Range	Holes
10/14/93	5604'-5614'	06 holes
10/14/93	5554'-5572'	10 holes
10/18/93	4985'-4992'	2 SPF 10 holes

**NEWFIELD**

**Monument Fed. 41-15-9-16**  
 460' FNL & 500' FEL  
 NENE Section 15-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31367; Lease #UTU-017985

# Goates Federal 1-11-9-16

Spud Date: 7/22/1964  
 Put on Production: 8/23/1964  
 GL: 5565' KB: 5577'

## Injection Wellbore Diagram

### SURFACE CASING

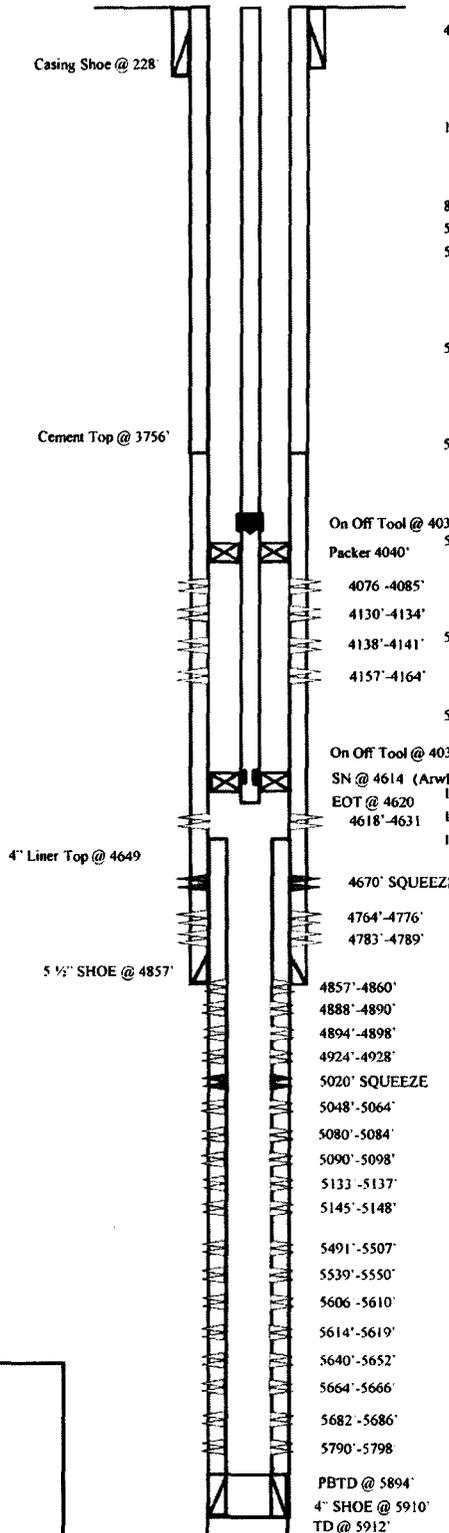
CSG SIZE 9-5/8"  
 GRADE J-55  
 WEIGHT 32.2#  
 LENGTH 7 jts (218')  
 DEPTH LANDED 228'  
 HOLE SIZE 12-1/4"  
 CEMENT DATA 200 sacks cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE J-55  
 WEIGHT 15.5#  
 LENGTH 156 jts (4847')  
 DEPTH LANDED 4857'  
 HOLE SIZE 7-7/8"  
 CEMENT DATA 240 sacks cmt  
 CEMENT TOP AT 3756' per CBL  
 CSG SIZE: 4"  
 GRADE J-55  
 WEIGHT 10.46#  
 LENGTH (1263')  
 DEPTH LANDED 5910'  
 HOLE SIZE 4-3/4"  
 CEMENT DATA 140 sacks cmt  
 4" Liner Top @ 4649'

### TUBING

SIZE/GRADE/WT 2-7/8" / J-55 / 6.5#  
 TBG SUB 2-7/8 N-80 AT 12.0'  
 TBG SUB 2-7/8 N-80 AT 16.1'  
 NO OF JOINTS 127 jts (4012.8')  
 ON/OFF TOOL AT 4035.1'  
 ARROW #1 PACKER CE AT 4040.17'  
 NO OF JOINTS 18 jts (569.9')  
 XO 2-3/8 x 2-7/8 J-55 AT 4613.7'  
 SEATING NIPPLE 2-7/8" (11.10')  
 ArrowPack Packer (WL set) @ 4610  
 SN LANDED AT 4614.2' KB  
 XO 2-3/8 x 2-7/8 J-55 AT 4615.3'  
 S/N NIPPLE AT 4615.8'  
 TOTAL STRING LENGTH EOT @ 4620'



### FRAC JOB

4/14/64 4624'-4631' Frac as follows: 250 gal Acid mud  
 110 bbl crude oil preflush, 16,725# 20/40 sand  
 in 100 bbls crude oil with 4200# glass beads  
 Treated @ avg press of 3800 psi w/avg rate of  
 27 BPM

1/10/95 4764'-4789' Frac C-SD sand as follows: 48,400# 16/30 sand  
 in 315 bbls gel water Treated @ avg press of  
 4700 psi w/avg rate of 20.5 BPM Screened out w  
 6.5# conc on perfs flow back

8/08/01 Rod Job Updated rod and tubing details  
 5/10/02 Pump change Updated rod and tubing details

5/19/03 5606'-5798' Frac CP3,4, and 5 sands as follows: 80,164#  
 20/40 sand in 627 bbls Viking 1-25 fluid Treated  
 @ avg press of 3530 psi w/avg rate of 14.5 BPM  
 ISIP 1900 psi Calc flush 1361 gal Actual  
 flush 1218 gal

5/19/03 5491'-5550' Frac CP1, and 2 sands as follows: 90,183#  
 20/40 sand in 707 bbls Viking 1-25 fluid Treated  
 @ avg press of 3531 psi w/avg rate of 14.4 BPM  
 ISIP 1800 psi Calc flush 1338 gal Actual flush  
 1176 gal

5/20/03 5048'-5148' Frac A1,3, and LODC sands as follows:  
 56,695# 20/40 sand in 485 bbls Viking 1-25 fluid  
 Treated @ avg press of 3353 psi w/avg rate of 14  
 BPM ISIP 2160 psi Calc flush 1236 gal Actual  
 flush 1092 gal

5/21/03 4857'-4928' Frac B,5, 1 and 2 sands as follows: 38,821#  
 20/40 sand in 331 bbls Viking 1-25 fluid Treated  
 @ avg press of 3674 psi w/avg rate of 14.3 BPM  
 ISIP 2120 psi Calc flush 1180 gal Actual flush:  
 1008 gal

5/22/03 4618'-4631' Frac D1 sands as follows: 20,325# 20/40 sand in  
 243 bbls Viking 1-25 fluid Treated @ avg press of  
 2478 psi w/avg rate of 23 BPM ISIP 2400 psi  
 Calc flush:4616 gal Actual flush 4578 gal

5/22/03 4076'-4164' Frac GB sands as follows: 59,119# 20/40 sand in  
 462bbls Viking 1-25 fluid Treated @ avg press of  
 1876 psi w/avg rate of 18 BPM ISIP 2040 psi  
 Calc flush 4074 gal Actual flush 3990 gal

SN @ 4614 (ArwPck Pkr @ 4610')  
 EOT @ 4620 1/6/09  
 4618'-4631 10/31/12  
 11/01/12  
 4670' SQUEEZE  
 4764'-4776'  
 4783'-4789'

On Off Tool @ 4035'  
 Packer 4040'  
 4076'-4085'  
 4130'-4134'  
 4138'-4141'  
 4157'-4164'

On Off Tool @ 4035'  
 SN @ 4614 (ArwPck Pkr @ 4610')  
 EOT @ 4620 1/6/09  
 4618'-4631 10/31/12  
 11/01/12

4" Liner Top @ 4649'

5 1/2" SHOE @ 4857'

Convert to Injection Well  
 Conversion MIT Finalized - update tbg detail

### PERFORATION RECORD

Date	Depth Range	Tool/JSPF	Holes
6/14/64	4624'-4631'	1 JSPF	8 holes
1/09/95	4764'-4776'	4 JSPF	48 holes
1/09/95	4783'-4789'	4 JSPF	32 holes
4/28/03	4670' SQUEEZE HOLES		
4/28/03	5020' SQUEEZE HOLES		
5/5/03	5790'-5798'	4 JSPF	32 holes
5/5/03	5682'-5686'	4 JSPF	16 holes
5/5/03	5664'-5666'	4 JSPF	8 holes
5/5/03	5640'-5652'	4 JSPF	48 holes
5/5/03	5614'-5619'	4 JSPF	20 holes
5/5/03	5606'-5610'	4 JSPF	16 holes
5/19/03	5539'-5550'	4 JSPF	44 holes
5/19/03	5491'-5507'	4 JSPF	64 holes
5/19/03	5145'-5148'	4 JSPF	28 holes
5/19/03	5133'-5137'	4 JSPF	28 holes
5/19/03	5090'-5098'	4 JSPF	48 holes
5/19/03	5080'-5084'	4 JSPF	48 holes
5/19/03	5048'-5064'	4 JSPF	64 holes
5/19/03	4924'-4928'	4 JSPF	16 holes
5/19/03	4894'-4898'	4 JSPF	24 holes
5/19/03	4888'-4890'	4 JSPF	24 holes
5/19/03	4857'-4860'	4 JSPF	12 holes
5/22/03	4618'-4631'	2 JSPF	26 holes RE-perf
5/22/03	4157'-4164'	4 JSPF	40 holes
5/22/03	4138'-4141'	4 JSPF	40 holes
5/22/03	4130'-4134'	4 JSPF	16 holes
5/22/03	4076'-4085'	4 JSPF	36 holes



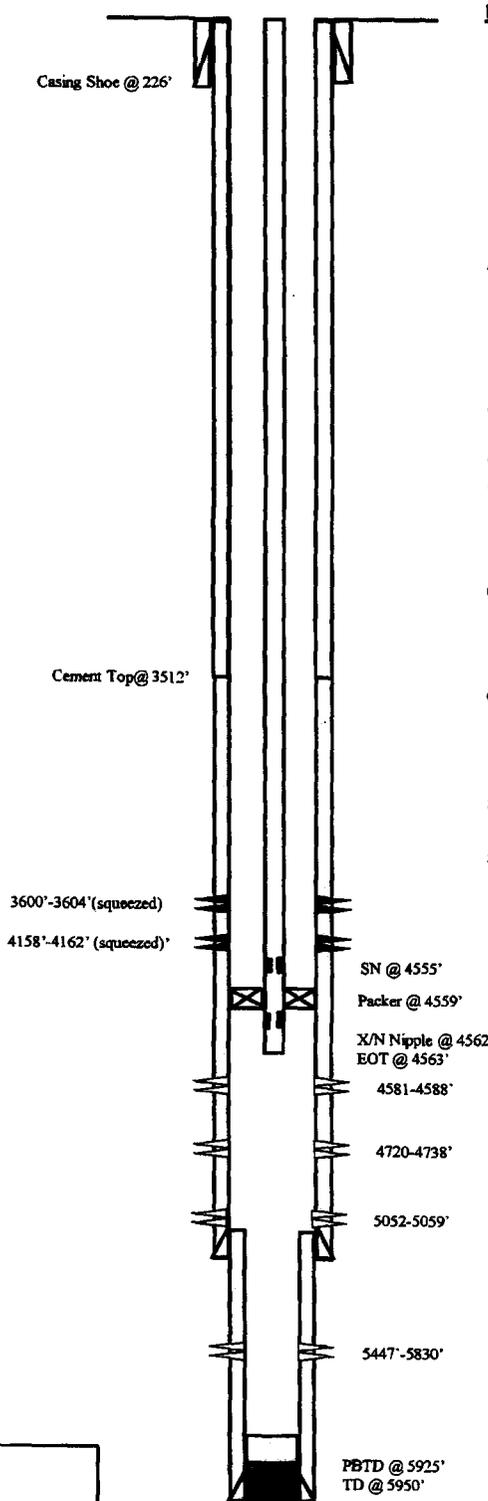
**NEWFIELD**

Goates 1-11-9-16  
 793' FSL & 2088' FWL  
 SESW Section 11-19S-R16E  
 Duchesne Co, Utah  
 API #43-013-15789; Lease #U-096547

# Goates 3-14-9-16

Spud Date: 1/15/65  
 Put on Production: 2/22/65  
 GL: 5596' KB: 5606'

## Injection Wellbore Diagram



### SURFACE CASING

CSG SIZE: 9-5/8"  
 GRADE: J-55  
 WEIGHT: 32.3#  
 LENGTH: 7 jts. (213')  
 DEPTH LANDED: 226'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 200 sxs cement.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 171 jts. (5127')  
 DEPTH LANDED: 5140'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 200 sxs cement.  
 CEMENT TOP AT: 3512' per CBL'

### PRODUCTION LINER

CSG SIZE: 3-1/2"  
 GRADE: N-80  
 WEIGHT: 8.81#  
 LENGTH: 28 jts. (874')  
 DEPTH LANDED: 5949'  
 HOLE SIZE: 4-3/4"  
 CEMENT DATA: 35 sxs cement.

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 144 jts (4545.1')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4556.2' KB  
 ARROW #1 PACKER CE AT: 4558.99'  
 X/N NIPPLE AT: 4562.3'  
 TOTAL STRING LENGTH: EOT @ 4563'

### FRAC JOB

1/29/65	5056'-5057'	<b>Frac sand as follows:</b> 16,800# 20/40 sand + 1000# glass beads in 483 bbls lease crude oil. Treated @ avg press of 3875 psi w/avg rate of 28 BPM.
1/30/65	4585'-4722'	<b>Frac sand as follows:</b> 12,600# 20/40 sand + 1000# glass beads in 320 bbls lease crude oil. Treated @ avg press of 4200 psi w/avg rate of 30 BPM.
9/12/82	5447'-5830'	<b>Frac sand as follows:</b> 55,400# 20/40 sand in 937 bbls frac fluid. Treated @ avg press of 3600 psi w/avg rate of 16 BPM. ISIP 1850 psi. Screened out.
11/6/01		<b>Rod Job.</b> Update rod and tubing details.
9/4/02		<b>Parted Rods.</b> Update rod and tubing details.
05/04/07		<b>Re-completion</b>
05/11/07	5052-5059'	<b>Frac A sands as follows:</b> 30315#'s 20/40 sand in 278 bbls Lightning 17 frac fluid. Treated @ avg press of 4116 psi w/avg rate of 14.3 BPM. Calc flush: 2112 gal. Actual flush: 1222 gal.
05/11/07	4720-4738'	<b>Frac C sands as follows:</b> 40196#'s 20/40 sand in 340 bbls Lightning 17 frac fluid. Treated @ avg press of 3874 psi w/avg rate of 14.3 BPM. Calc flush: 1712 gal. Actual flush: 14280 gal.
05/11/07	4581-4588'	<b>Frac D1 sands as follows:</b> 38647#'s 20/40 sand in 338 bbls Lightning 17 frac fluid. Treated @ avg press of 3495 psi w/avg rate of 14.3 BPM. Calc flush: 1263 gal. Actual flush: 1088 gal.
5-11-07		<b>Pump Change:</b> Updated rod & tubing detail.
12-17-07		<b>Pump change:</b> Updated rod & tubing details.
5/8/09		<b>Pump Change:</b> Updated r & t details.
12/03/12		<b>Convert to Injection Well</b>
12/04/12		<b>Conversion MIT Finalized</b> - update tbg detail

### PERFORATION RECORD

4585'	3 SPF	3 holes
4722'	2 SPF	2 holes
4728'	2 SPF	2 holes
4734'	2 SPF	2 holes
5056'	2 SPF	2 holes
5447', 5451', 5453', 5460', 5467', 5492', 5494', 5496', 5498', 5503', 5828', 5830'	1 SPF	12 holes
05/10/07	5052-5059'	4 JSPP 2 holes reperf
05/10/07	4720-4738'	4 JSPP 6 holes reperf
05/10/07	4581-4588'	4 JSPP 3 holes reperf

## NEWFIELD

**Goates 3-14-9-16**  
 970' FNL & 970' FWL  
 NWNW Section 14-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-15791; Lease #UTU-096547

## Jonah B-15-9-16

Spud Date: 11/20/08  
 Put on Production: 1/7/2009  
 GL: 5698' KB: 5710'

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (312.35')  
 DEPTH LANDED: 324.20' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sx class 'g' cmt

### PRODUCTION CASING

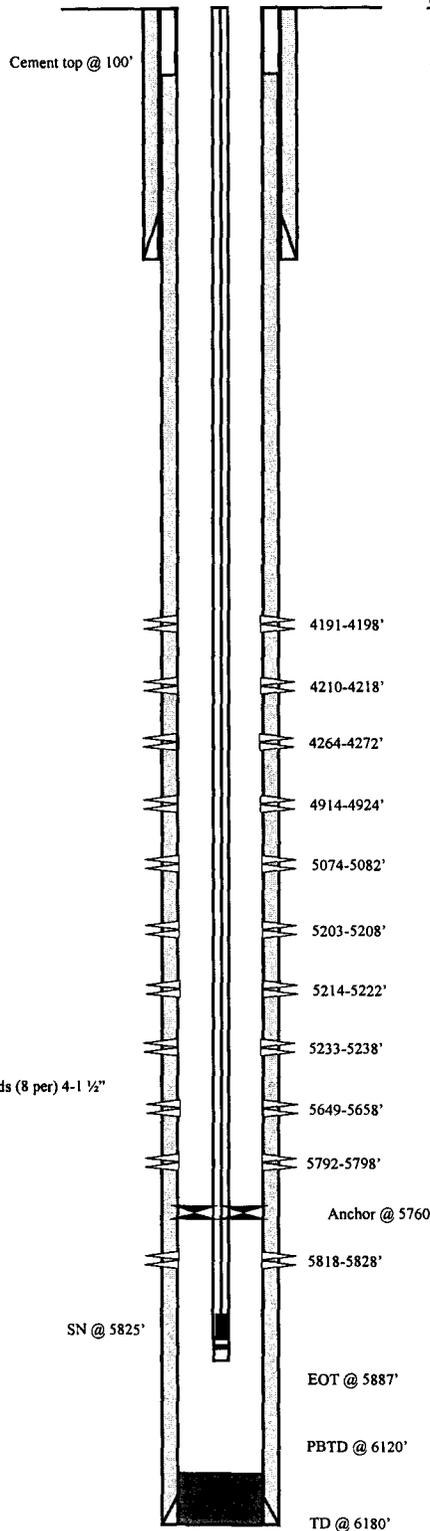
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 164 jts (6302.61')  
 DEPTH LANDED: 6160.20'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 280 sx primlite and 400 sx 50/50 poz  
 CEMENT TOP AT: 100'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
 NO. OF JOINTS: 186 jts (5748.28')  
 TUBING ANCHOR: 5760.28' KB  
 NO. OF JOINTS: 2 jts (61.69')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5824.77' KB  
 NO. OF JOINTS: 2 jts (60.90')  
 TOTAL STRING LENGTH: EOT @ 5887.22'

### SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod  
 SUCKER RODS: 1-2', 8' x 7/8" pony subs, 228-7/8" guided rods (8 per) 4-1 1/2" weight bars shear coupler.  
 PUMP SIZE: 2 1/2" x 1 3/4" x 16' x 20' RHAC rod pump - CDI  
 STROKE LENGTH: 122"  
 PUMP SPEED, SPM: 5



### FRAC JOB

**12/30/08 5792-5828' Frac CP3/CP4 sds as follows:**  
 50,081# 20/40 sand in 470 bbls of Lightning 17 fluid. Broke @ 2666 psi.  
 Treated w/ ave pressure of 1673 psi w/ ave rate of 22.7 BPM. ISIP 1930 psi. Actual flush: 5284 gals.

**12/30/08 5649-5658' Frac CPI sds as follows:**  
 35,468# 20/40 sand in 400 bbls of Lightning 17 fluid. Broke @ 1864 psi.  
 Treated w/ ave pressure of 3004 psi w/ ave rate of 21.3 BPM. ISIP 2128 psi. Actual flush: 5141 gals.

**12/30/08 5203-5238' Frac A1 sds as follows:**  
 55,261# 20/40 sand in 530 bbls of Lightning 17 fluid. Broke @ 1797 psi.  
 Treated w/ ave pressure of 1860 psi w/ ave rate of 22.8 BPM. ISIP 2028 psi. Actual flush: 4696 gals.

**12/30/08 5074-5082' Frac B2 sds as follows:**  
 29,377# 20/40 sand in 387 bbls of Lightning 17 fluid. Broke @ 3846 psi.  
 Treated w/ ave pressure of 2379 psi w/ ave rate of 22.9 BPM. ISIP 2143 psi. Actual flush: 4570 gals.

**12/30/08 4914-4924' Frac C sds as follows:**  
 29,424# 20/40 sand in 380 bbls of Lightning 17 fluid. Broke @ 3756 psi.  
 Treated w/ ave pressure of 2406 psi w/ ave rate of 22.9 BPM. ISIP 2261 psi. Actual flush: 4410 gals.

**12/30/08 4191-4272' Frac GB4/GB6 sds as follows:**  
 63,811# 20/40 sand in 497 bbls of Lightning 17 fluid. Broke @ 1889 psi.  
 Treated w/ ave pressure of 1723 psi w/ ave rate of 23.0 BPM. ISIP 1919 psi. Actual flush: 4187 gals.

### PERFORATION RECORD

Date	Depth Range	Number of Holes	Completion Type
12/30/08	4191-4198'	4	JSPF 28 holes
12/30/08	4210-4218'	4	JSPF 32 holes
12/30/08	4264-4272'	4	JSPF 32 holes
12/30/08	4914-4924'	4	JSPF 40 holes
12/30/08	5074-5082'	4	JSPF 32 holes
12/30/08	5203-5208'	4	JSPF 20 holes
12/30/08	5214-5222'	4	JSPF 32 holes
12/30/08	5233-5238'	4	JSPF 20 holes
12/30/08	5649-5658'	4	JSPF 36 holes
12/30/08	5792-5798'	4	JSPF 24 holes
12/30/08	5818-5828'	4	JSPF 40 holes

**NEWFIELD**

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**Jonah B-15-9-16**

639' FSL & 673' FEL  
 SE/SE Section 10-15-T9S-R16E  
 Duchesne Co, Utah  
 API # 43-013-34016; Lease # UTU-017985

# Jonah G-14-9-16

Spud Date: 01/18/2010  
 Put on Production: 02/22/2010  
 GL: 5600' KB: 5612'

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (309.41')  
 DEPTH LANDED: 321.21'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 144 jts. (6024.94')  
 HOLE SIZE: 7-7/8"  
 TOTAL DEPTH: 6038.89'  
 CEMENT DATA: 275 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 76'

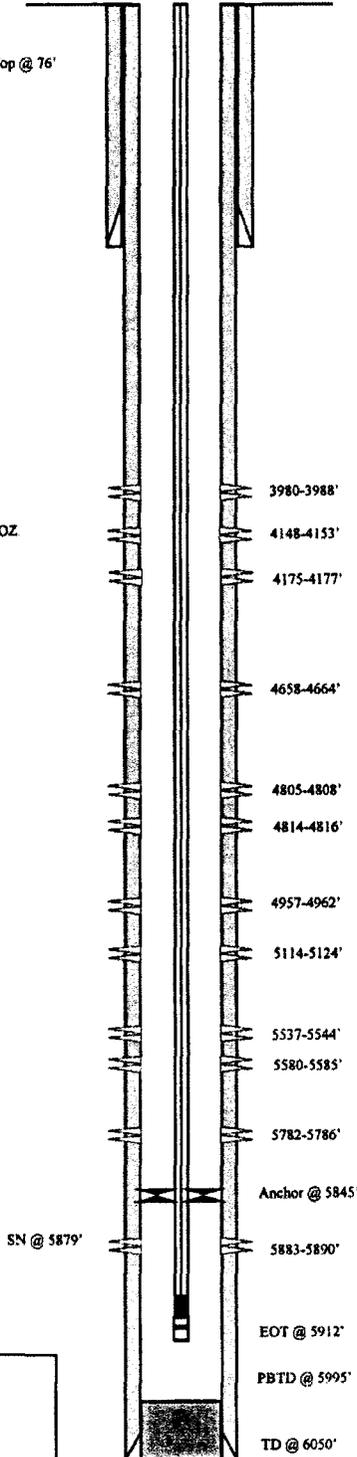
### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 185 jts (5832.9')  
 TUBING ANCHOR: 5844.9'  
 NO. OF JOINTS: 1 jts (31.6')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 5879.3' KB  
 NO. OF JOINTS: 1 jts (31.6')  
 TOTAL STRING LENGTH: EOT @ 5912'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 26'  
 SUCKER RODS: 1 - 2' x 7/8", 1 - 6' x 7/8" pony rods; 230 - 7/8" guided rods (8 per); 4 - 1 1/4" weight bars  
 PUMP SIZE: 2 1/4 x 1 1/4 x 21" x 24" RHAC  
 STROKE LENGTH: 144  
 PUMP SPEED: SPM 5

Cement Top @ 76'



### FRAC JOB

2-23-10	5782-5890'	Frac CP4 & CP5 sands as follows: Frac with 45031# 20/40 sand in 295 bbls Lightning 17 fluid.
2-23-10	5537-5585'	Frac CP1 & CP2 sands as follows: Frac with 19391# 20/40 sand in 166 bbls Lightning 17 fluid.
2-23-10	5114-5124'	Frac A3 sands as follows: Frac with 34848# 20/40 sand in 230 bbls Lightning 17 fluid.
2-23-10	4805-4962'	Frac C & B2 sands as follows: Frac with 34451# 20/40 sand in 233 bbls Lightning 17 fluid
2-23-10	4658-4664'	Frac D1 sands as follows: Frac with 15287# 20/40 sand in 116 bbls Lightning 17 fluid
2-23-10	4148-4177'	Frac GB6 sands as follows: Frac with 19912# 20/40 sand in 170 bbls Lightning 17 fluid
2-23-10	3980-3988'	Frac GB2 sands as follows: Frac with 11909# 20/40 sand in 102 bbls Lightning 17 fluid.
	7/6/2010	Pump change. Updated rod and tubing detail.

### PERFORATION RECORD

5883-5890'	3 JSFP	21 holes
5782-5786'	3 JSFP	12 holes
5580-5585'	3 JSFP	15 holes
5537-5544'	3 JSFP	21 holes
5114-5124'	3 JSFP	30 holes
4957-4962'	3 JSFP	15 holes
4814-4816'	3 JSFP	6 holes
4805-4808'	3 JSFP	9 holes
4658-4664'	3 JSFP	18 holes
4175-4177'	3 JSFP	6 holes
4148-4153'	3 JSFP	15 holes
3980-3988'	3 JSFP	24 holes

## NEWFIELD



Jonah G-14-9-16  
 457' FNL & 1827' FWL (NE/NW)  
 Section 14, T9S, R16E  
 Duchesne Co, Utah  
 API # 43-013-34083; Lease # UTU-096547

# GMBU J-10-9-16

Spud Date: 11/22/2011  
 PWOP: 01/19/2012  
 GL: 5552' KB: 5565'

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (316.7')  
 DEPTH LANDED: 330.02' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

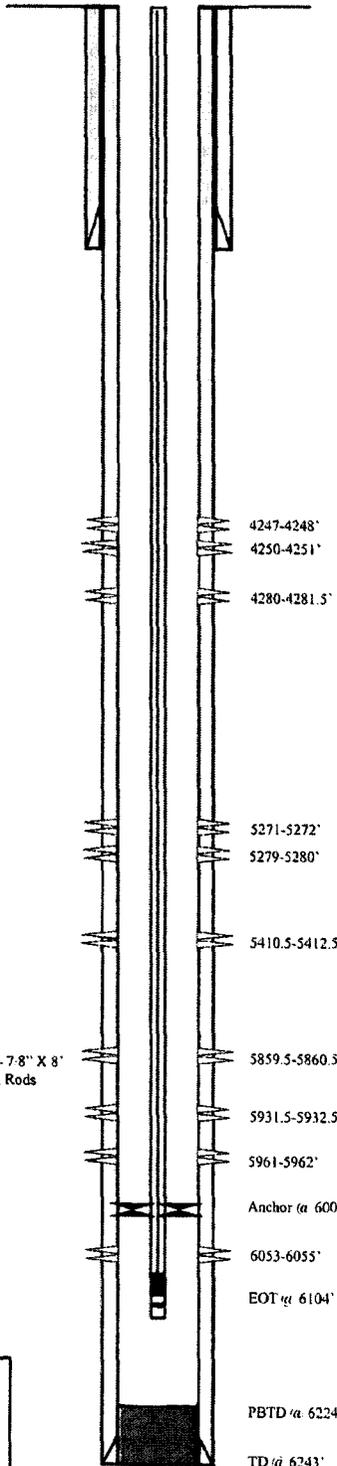
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 152 jts. (6222.04') Includes Shoe Jt. (16.16')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 6242.50' KB  
 CEMENT DATA: 230 sxs Prem. Lite II mixed & 455 sxs 50/50 POZ.  
 CEMENT TOP AT: 26'

### TUBING

SIZE/GRADE WT.: 2-7/8" / J-55 - 6.5#  
 NO. OF JOINTS: 193 jts. (5991.7')  
 TUBING ANCHOR: 6004.7' KB  
 NO. OF JOINTS: 1 jt. (31.2')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 6038.7' KB  
 NO. OF JOINTS: 2 jts. (63.4')  
 NOTCHED COLLAR: 6103.2' KB  
 TOTAL STRING LENGTH: EOT @ 6104'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 30' Spray Metal Polished Rod  
 SUCKER RODS: 1 - 7/8" x 4' Pony Rod, 1 - 7/8" x 6' Pony Rod, 1 - 7/8" x 8' Pony Rod, 73 - 7/8" 4per Guided Rods (1825'), 160 - 3/4" 4per Guided Rods (4000'), 5 - 1 1/2" Sinker Bars (125'), 5 - 1" Guided Rods (20')  
 PUMP SIZE: 2-1/2" x 1-3/4" x 20' x 21' x 24' RHAC  
 STROKE LENGTH: 144"  
 PUMP SPEED: 5 SPM



### FRAC JOB

01/10/2012 5859.5-6055' **Frac BSL-SD, CP4 & CP5, sands as follows:**  
 Frac with 35089# 20/40 white sand in 499 bbls lightning 17 fluid; 664 bbls total fluid to recover.  
 01/13/2012 5271-5412.5' **Frac A3 & LODC, sands as follows:**  
 Frac with 28855# 20/40 sacked sand in 331 bbls lightning 17 fluid; 528 bbls total fluid to recover.  
 01/13/2012 4247-4281.5' **Frac GB4 & GB6, sands as follows:**  
 Frac with 25932# 20/40 white sand in 349 bbls lightning 17 fluid; 450 bbls total fluid to recover.

### PERFORATION RECORD

6053-6055'	3 JSFP	6 holes
5961-5962'	3 JSFP	3 holes
5931.5-5932.5'	3 JSFP	3 holes
5859.5-5860.5'	3 JSFP	3 holes
5410.5-5412.5'	3 JSFP	6 holes
5279-5280'	3 JSFP	3 holes
5271-5272'	3 JSFP	3 holes
4280-4281.5'	3 JSFP	6 holes
4250-4251'	3 JSFP	3 holes
4247-4248'	3 JSFP	3 holes

## NEWFIELD

### GMBU J-10-9-16

832'FNL & 716' FWL (NW/NW)  
 Section 11, T9S, R16E  
 Duchesne County, Utah  
 API #43-013-50681; Lease # UTU-096550

**NEWFIELD**

**Schematic**

Well Name: **GMBU 118-10-9-16**

43-013-52440

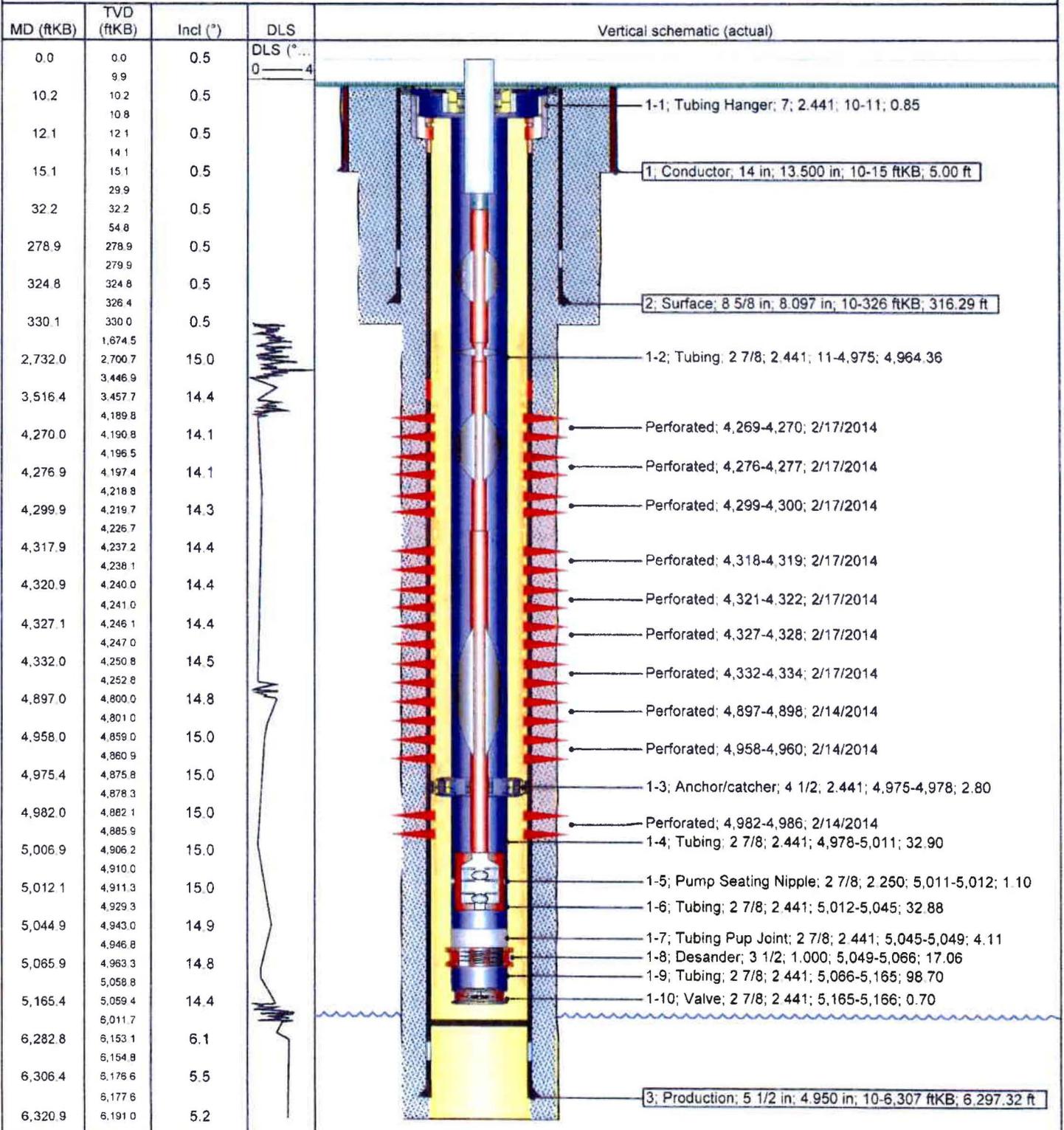
Surface Legal Location NWSE 1983 FSL 1941 FEL Sec 10 T9S R16E Mer SLB			API/UWI 43013524400000	Well RC 500366904	Lease UTU72107	State/Province Utah	Field Name GREATER MON BUTT.	County Duchesne
Spud Date 1/6/2014	Rig Release Date 2/1/2014	On Production Date 2/19/2014	Original KB Elevation (ft) 5,661	Ground Elevation (ft) 5,651	Total Depth All (TVD) (ftKB) Original Hole - 6,191.1	PBTD (All) (ftKB) Original Hole - 6,140.0		

**Most Recent Job**

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 2/6/2014	Job End Date 2/19/2014
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**TD: 6,321.0**

Slant - Original Hole, 1/30/2015 8:22:21 AM



Spud Date: 6/29/2011  
 Put on Production: 7/29/2011  
 GL: 5699' KB: 5711'

# GMBU O-11-9-16

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (314.35')  
 DEPTH LANDED: 324.67' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

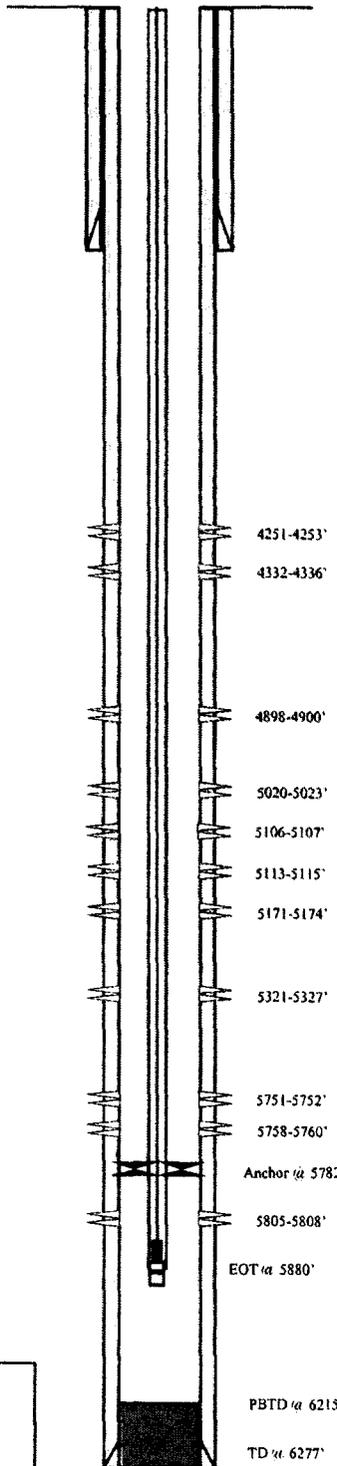
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 143 jts. (6239.6') Includes Shoe Jt. (43.75')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 6256.11' KB  
 CEMENT DATA: 280 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ  
 CEMENT TOP AT: 36'

### TUBING

SIZE-GRADE-WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 184 jts. (5771.7')  
 TUBING ANCHOR: 5781.7' KB  
 NO. OF JOINTS: 1 jt. (31.5')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 5816' KB  
 NO. OF JOINTS: 2 jts. (62.9')  
 NOTCHED COLLAR: 5880' KB  
 TOTAL STRING LENGTH: EOT @ 5880' KB

### SUCKER RODS

POLISHED ROD: 1 1/2" x 30' Polished Rod  
 SUCKER RODS: 227 - 7/8" 8per Guided Rods (5675'), 4 - 1 1/2"  
 Weight Bars (100'), 1 - 1" x 4' Stabilizer Bar  
 PUMP SIZE: 2 1/2 x 1 3/4" x 20' x 24' RHAC  
 STROKE LENGTH: 144  
 PUMP SPEED: 5 SPM



### FRAC JOB

7/21/2011 5751-5808' Frac CP1 and CP2, sands as follows:  
 Frac with 29249# 20/40 brown sand in  
 250 bbls Lightning 17 fluid; 438 bbls  
 total fluid to recover.

7/26/2011 5321-5327' Frac A3, sands as follows:  
 Frac with 18767# 20/40 brown sand in  
 162 bbls Lightning 17 fluid; 322 bbls  
 total fluid to recover.

7/26/2011 5106-5174' Frac B1 and B2, sands as follows:  
 Frac with 24383# 20/40 brown sand in  
 210 bbls Lightning 17 fluid; 351 bbls  
 total fluid to recover.

7/26/2011 4898-5023' Frac D2 and C, sands as follows:  
 Frac with 24776# 20/40 brown sand in  
 208 bbls Lightning 17 fluid; 336 bbls  
 total fluid to recover.

7/26/2011 4251-4336' Frac GB4 and GB6, sands as follows:  
 Frac with 43725# 20/40 brown sand in  
 203 bbls Lightning 17 fluid; 369 bbls  
 total fluid to recover.

### PERFORATION RECORD

4251-4253'	3 JSPP	6 holes
4332-4336'	3 JSPP	12 holes
4898-4900'	3 JPSP	6 holes
5020-5023'	3 JSPP	9 holes
5106-5107'	3 JSPP	3 holes
5113-5115'	3 JSPP	6 holes
5171-5174'	3 JSPP	9 holes
5321-5327'	3 JSPP	18 holes
5751-5752'	3 JSPP	3 holes
5758-5760'	3 JSPP	6 holes
5805-5808'	3 JSPP	9 holes

**NEWFIELD**

**Greater Monument Butte O-11-9-16**  
 1908' FSL & 699' FEL (NE/SE)  
 Section 10, T9S, R16E  
 Duchesne County, Utah  
 API #43-013-50471; Lease #UTU-72107

# Greater Monument Butte T-10-9-16

Spud Date: 7/8/2011  
 Put on Production: 8/16/2011  
 GL: 5634' KB: 5646'

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (315.82')  
 DEPTH LANDED: 323.82'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, circ. 5 bbls to surf.

### PRODUCTION CASING

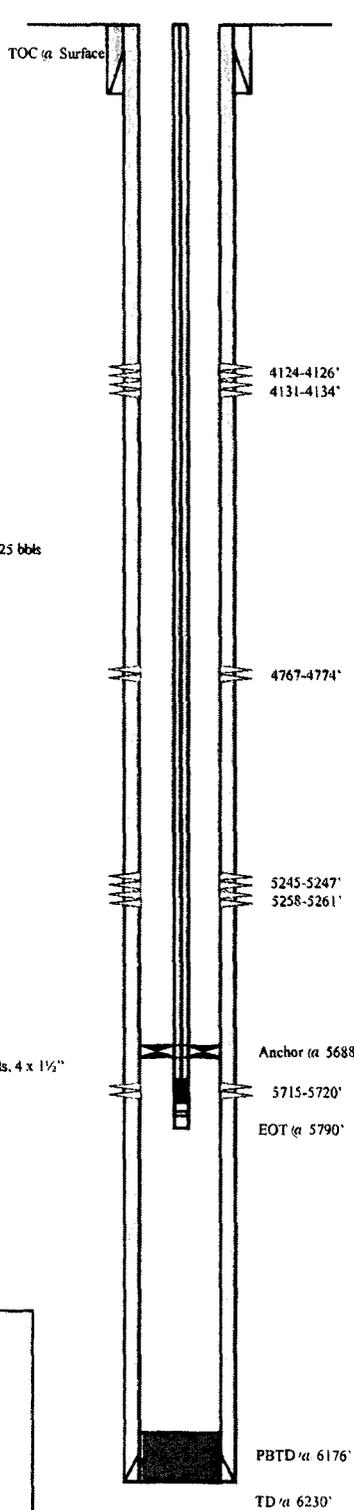
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 142 jts. (6229.14')  
 DEPTH LANDED: 6223.14'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 240 sxs Premite II & 460 sxs 50-50 POZ., circ 25 bbls to surf.  
 CEMENT TOP: 0'

### TUBING (KS 8/16/11)

SIZE-GRADE-WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 175 jts. (5677.7')  
 TUBING ANCHOR: 5687.7'  
 NO. OF JOINTS: 1 jts (32.5')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5723'  
 NO. OF JOINTS: 2 jts. (65')  
 NOTCHED COLLAR: 5789.1'  
 TOTAL STRING LENGTH: EOT @ 5790'

### SUCKER RODS (KS 8/16/11)

POLISHED ROD: 1-1/2" x 30' Polished Rod  
 SUCKER RODS: 2' x 7-8" Pony Rod, 223 x 7-8" 8per Guided Rods, 4 x 1 1/2" Sinker Bars, 1 x 1" Stabilizer Pony  
 PUMP SIZE: 2-1/2" x 1-3/4" x 21' x 24' RHAC  
 STROKE LENGTH: 146  
 PUMP SPEED, SPM: 3.8  
 PUMPING UNIT: DARCO C-640-365-168



### FRAC JOB

7-28-2011	5715-5720'	<b>Frac CP2, sands as follows:</b> Frac with 34115# 20:40 white sand in 291 bbls Lightning 17 fluid; 484 bbls total fluid to recover.
8-4-2011	5245-5261'	<b>Frac A3, sands as follows:</b> Frac with 29431# 20:40 white sand in 252 bbls Lightning 17 fluid; 386 bbls total fluid to recover.
8-4-2011	4767-4774'	<b>Frac D1, sands as follows:</b> Frac with 39911# 20:40 white sand in 263 bbls Lightning 17 fluid; 390 bbls total fluid to recover.
8-4-2011	4124-4134'	<b>Frac GB2, sands as follows:</b> Frac with 42883# 20:40 white sand in 329 bbls Lightning 17 fluid; 439 bbls total fluid to recover.

### PERFORATION RECORD

5715-5720'	3 JSPP	15 holes
5258-5261'	3 JSPP	9 holes
5245-5247'	3 JSPP	6 holes
4767-4774'	3 JSPP	21 holes
4131-4134'	3 JSPP	9 holes
4124-4126'	3 JSPP	6 holes

**NEWFIELD**

**Greater Monument Butte T-10-9-16**  
 1793' FSL & 623' FWL (NW/SW)  
 Section 11, T9S, R16E  
 Duchesne County, Utah  
 API #43-013-50472; Lease # UTU-096547

# Greater Monument Butte Q-11-9-16

Spud Date: 7/7/2011  
 Put on Production: 8/11/2011  
 GL: 5634' KB: 5646'

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (315.54')  
 DEPTH LANDED: 325.86' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

**PRODUCTION CASING**

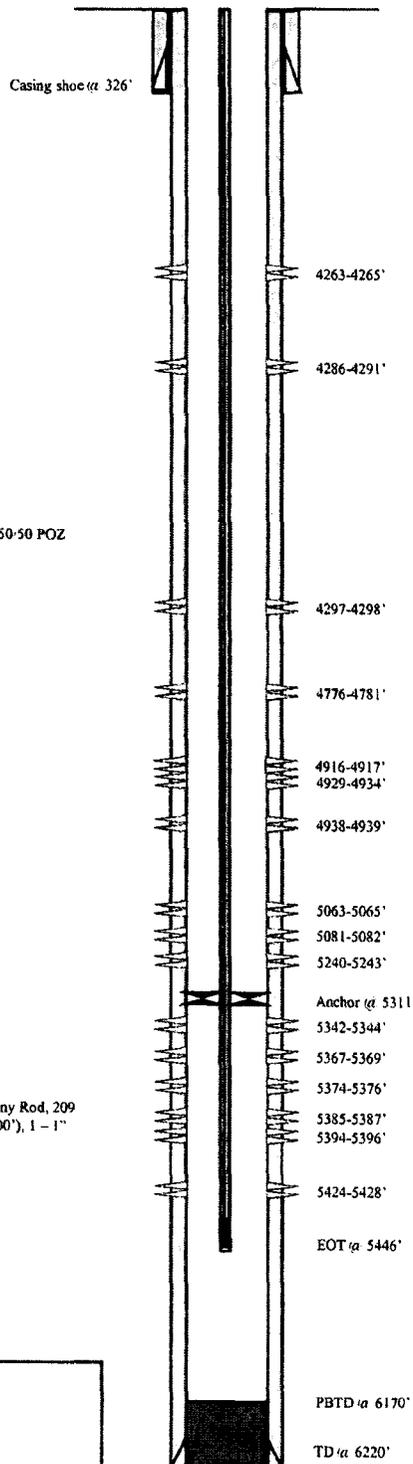
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 142 jts. (6198.44')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 6215.05' KB  
 CEMENT DATA: 275 sxs Prem. Lite II mixed & 420 sxs 50-50 POZ  
 CEMENT TOP AT: 0'

**TUBING**

SIZE-GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 163 jts. (5301.1')  
 TUBING ANCHOR: 5311.1' KB  
 NO. OF JOINTS: 2 jts. (65.1')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 5378.9' KB  
 NO. OF JOINTS: 2 jts. (65.1')  
 NOTCHED COLLAR: 5445.1' KB  
 TOTAL STRING LENGTH: EOT @ 5446' KB

**SUCKER RODS**

POLISHED ROD: 1 1/2" x 30' Polished Rod  
 SUCKER RODS: 1 - 7/8" x 2' Pony Rod, 1 - 7/8" x 4' Pony Rod, 209 - 7/8" 8per Guided Rods (5225'), 4 - 1 1/2" Weight Bars (100'), 1 - 1" x 4' Stabilizer Bar  
 PUMP SIZE: 2 1/2 x 1 3/4" x 21' x 24' RHAC  
 STROKE LENGTH: 168  
 PUMP SPEED: 5 SPM



**FRAC JOB**

7/28/2011 5342-5428' Frac LODC, sands as follows:  
 Frac with 129296# 20/40 sand in 596  
 bbls Lightning 17 fluid; 1038 bbls  
 total fluid to recover.

8/3/2011 5063-5243' Frac A3 and B2, sands as follows:  
 Frac with 46552# 20/40 sand in 247 bbls  
 Lightning 17 fluid; 497 bbls total fluid to  
 recover.

8/4/2011 4916-4939' Frac C, sands as follows:  
 Frac with 48903# 20/40 sand in 254 bbls  
 Lightning 17 fluid; 517 bbls total fluid to  
 recover.

8/4/2011 4776-4781' Frac D1, sands as follows:  
 Frac with 14148# 20/40 sand in 87 bbls  
 Lightning 17 fluid; 249 bbls total fluid to  
 recover.

8/4/2011 4263-4298' Frac GB6, sands as follows:  
 Frac with 50123# 20/40 sand in 223 bbls  
 Lightning 17 fluid; 427 bbls total fluid to  
 recover.

**PERFORATION RECORD**

4263-4265'	3 JSPF	6 holes
4286-4291'	3 JSPF	15 holes
4297-4298'	3 JSPF	3 holes
4776-4781'	3 JSPF	15 holes
4916-4917'	3 JSPF	3 holes
4929-4934'	3 JSPF	15 holes
4938-4939'	3 JSPF	3 holes
5063-5065'	3 JSPF	6 holes
5081-5082'	3 JSPF	3 holes
5240-5243'	3 JSPF	9 holes
5342-5344'	3 JSPF	6 holes
5367-5369'	3 JSPF	6 holes
5374-5376'	3 JSPF	6 holes
5385-5387'	3 JSPF	6 holes
5394-5396'	3 JSPF	6 holes
5424-5428'	3 JSPF	12 holes

**NEWFIELD**

**Greater Monument Butte Q-11-9-16**  
 1807' FSL & 640' FWL (NW SW)  
 Section 11, T9S, R16E  
 Duchesne County, Utah  
 API #43-013-50473; Lcase #UTU-096547

# GMBU M-11-9-16

Spud Date: 10/24/2011

PWOP: 01/23/2012

GL: 5627' KB: 5640'

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (288.55')  
 DEPTH LANDED: 301.87' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 151 jts. (6304.23') Includes Shoe Joint (15.97')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 6324.69' KB  
 CEMENT DATA: 235 sxs Prem. Lite II mixed & 445 sxs 50-50 POZ  
 CEMENT TOP AT: 40'

### TUBING

SIZE/GRADE-WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 196 jts. (6128.3')  
 TUBING ANCHOR: 6142.1' KB  
 NO. OF JOINTS: 2 jt. (62.7')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 6207.6' KB  
 NO. OF JOINTS: 1 jts. (31.4')  
 NOTCHED COLLAR: 6240.1' KB  
 TOTAL STRING LENGTH: EOT @ 6241'

### SUCKER RODS

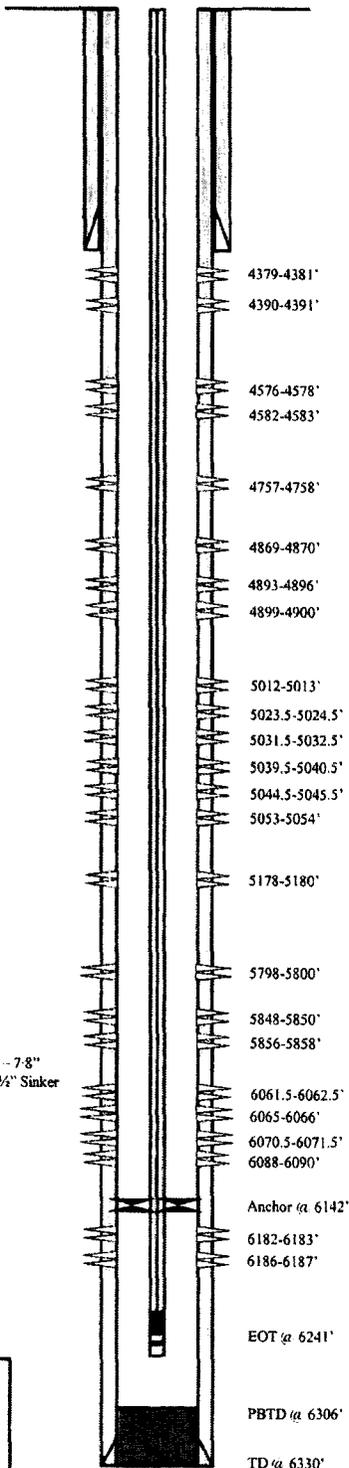
POLISHED ROD: 1-1/2" x 30' Spray Metal Polished Rod  
 SUCKER RODS: 1 - 7/8" x 2' Pony Rod, 1 - 7/8" x 4' Pony Rod, 76 - 7/8" 4per Guided Rods (1900'), 164 - 3/4" 4per Guided Rods (4100'), 5 - 1 1/2" Sinker Bars (125'), 1 - 1" Stabilizer Bar (4')  
 PUMP SIZE: 2 1/2" x 1 3/4" x 20' x 24' RHAC  
 STROKE LENGTH: 144"  
 PUMP SPEED: 5 SPM

### FRAC JOB

01/09/2012 6061.5-6187' Frac CP4 & CP5, sands as follows:  
 Frac with 34465# 20/40 white sand in 436  
 bbls lightning 17 fluid; 628 bbls total fluid to  
 recover.  
 01/10/2012 5798-5858' Frac CP1 & CP2, sands as follows:  
 Frac with 30309# 20/40 white sand in  
 374 bbls lightning 17 fluid; 512 bbls total fluid  
 to recover.  
 01/10/2012 5012-5180' Frac B2 & C, sands as follows:  
 Frac with 89679# 20/40 white sand  
 in 720 bbls lightning 17 fluid; 840 bbls total  
 fluid to recover.  
 01/10/2012 4757-4900' Frac D1 & DS2, sands as follows:  
 Frac with 80224# 20/40 white sand in  
 627 bbls lightning 17 fluid; 740 bbls total  
 fluid to recover.  
 01/10/2012 4379-4583' Frac GB6 & PB10, sands as follows:  
 Frac with 54815# 20/40 white sand in  
 406 bbls lightning 17 fluid; 575 bbls total  
 fluid to recover

### PERFORATION RECORD

6186-6187'	3 JSPP	3 holes
6182-6183'	3 JSPP	3 holes
6088-6090'	3 JSPP	6 holes
6070.5-6071.5'	3 JSPP	3 holes
6065-6066'	3 JSPP	3 holes
6061.5-6062.5'	3 JSPP	3 holes
5856-5858'	3 JSPP	6 holes
5848-5850'	3 JSPP	6 holes
5798-5800'	3 JSPP	6 holes
5178-5180'	3 JSPP	6 holes
5053-5054'	3 JSPP	3 holes
5044.5-5045.5'	3 JSPP	3 holes
5039.5-5040.5'	3 JSPP	3 holes
5031.5-5032.5'	3 JSPP	3 holes
5023.5-5024.5'	3 JSPP	3 holes
5012-5013'	3 JSPP	3 holes
4899-4900'	3 JSPP	3 holes
4893-4896'	3 JSPP	9 holes
4869-4870'	3 JSPP	3 holes
4757-4758'	3 JSPP	3 holes
4582-4583'	3 JSPP	3 holes
4576-4578'	3 JSPP	6 holes
4390-4391'	3 JSPP	3 holes
4379-4381'	3 JSPP	6 holes



**NEWFIELD**

**GMBU M-11-9-16**

1825' FSL & 2167' FWL (NE/SW)

Section 11, T9S, R16E

Duchesne County, Utah

API #43-013-50577; Lease # UTU-096550

# GMBU N-11-9-16

Spud Date: 10/24/2011  
 PWOP: 01/17/2012  
 GL: 5627' KB: 5640'

Wellbore Diagram

## SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (288.9')  
 DEPTH LANDED: 302.22' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

## PRODUCTION CASING

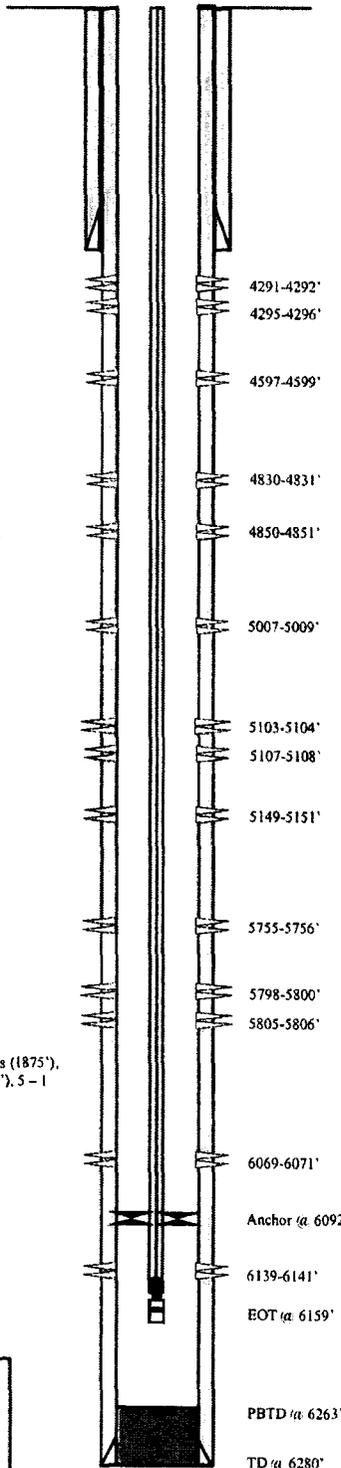
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 150 jts. (6260') - Including Shoe Joint (16.76')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 6280.54' KB  
 CEMENT DATA: 234 sxs Prem. Lite II mixed & 438 sxs 50/50 POZ.  
 CEMENT TOP @: 67'

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 195 jts. (6079.1')  
 TUBING ANCHOR: 6092.1' KB  
 NO. OF JOINTS: 1 jt. (31.2')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 6126.1' KB  
 NO. OF JOINTS: 1 jts. (31.2')  
 NOTCHED COLLAR: 6158.5' KB  
 TOTAL STRING LENGTH: BOT @ 6159'

## SUCKER RODS

POLISHED ROD: 1-1/2" x 30' Spray Metal Polished Rod  
 SUCKER RODS: 1 - 7/8" x 2' Pony Rod, 75 - 7/8" 8per Guided Rods (1875'),  
 56 - 3/4" 8per Guided Rods (1400'), 106 - 3/4" 4per Guided Rods (2650'), 5 - 1  
 1/2" Sinker Bars (125'), 1 - 1" Stabilizer Bar (4')  
 PUMP SIZE: 2 1/2" x 1 3/4" x 20' x 24' RHAC  
 STROKE LENGTH: 144"  
 PUMP SPEED: 5 SPM



## FRAC JOB

12/28/2011 6069-6141' Frac CP4 & CP5, sands as follows:  
 Frac with 20092# 20/40 white sand, in 253  
 bbls lightning 17 fluid; 465 bbls total fluid to  
 recover.

01/09/2012 5755-5806' Frac CP1 & CP2 sands as follows:  
 Frac with 30392# 20/40 white sand, in 359  
 bbls lightning 17 fluid; 496 bbls total fluid to  
 recover.

01/09/2012 5103-5151' Frac B1 & B2, sands as follows:  
 Frac with 40568# 20/40 white sand, in 318  
 bbls lightning 17 fluid; 455 bbls total fluid to  
 recover.

01/09/2012 4830-5009' Frac C & D1, sands as follows:  
 Frac with 29752# 20/40 white sand, in 368  
 bbls lightning 17 fluid; 483 bbls total fluid to  
 recover.

01/09/2012 4291-4599' Frac GB4 & PB11, sands as follows:  
 Frac with 35107# 20/40 white sand, in 432  
 bbls lightning 17 fluid; 593 bbls total fluid to  
 recover.

## PERFORATION RECORD

6139-6141'	3 JSPF	6 holes
6069-6071'	3 JSPF	6 holes
5805-5806'	3 JSPF	3 holes
5798-5800'	3 JSPF	6 holes
5755-5756'	3 JSPF	3 holes
5149-5151'	3 JSPF	6 holes
5107-5108'	3 JSPF	3 holes
5103-5104'	3 JSPF	3 holes
5007-5009'	3 JSPF	6 holes
4850-4851'	3 JSPF	3 holes
4830-4831'	3 JSPF	3 holes
4597-4599'	3 JSPF	6 holes
4295-4296'	3 JSPF	3 holes
4291-4292'	3 JSPF	3 holes

**NEWFIELD**

**GMBU N-11-9-16**  
 1806' FSL & 2158' FWL (NE.SW)  
 Section 11, T9S, R16E  
 Duchesne County, Utah  
 API #43-013-50578; Lease # UTU-096550

# Greater Monument Butte R-11-9-16

Spud Date: 11/15/2011  
 Put on Production: 12/29/2011  
 GL: 5570' KB: 5582'

Wellbore Diagram

## SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (317.45')  
 DEPTH LANDED: 330.77' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

## PRODUCTION CASING

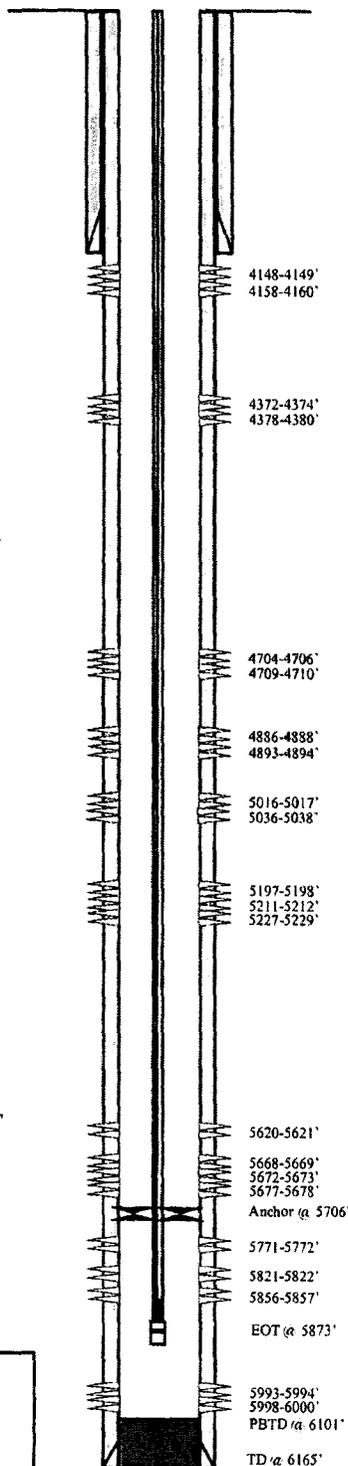
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 142 jts. (6124.62') - Includes 44.28' Shoe Joint  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 6148.15' KB  
 CEMENT DATA: 230 sxs Prem. Lite II mixed & 435 sxs 50:50 POZ.  
 CEMENT TOP AT: 45'

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 183 jts. (5705.9')  
 TUBING ANCHOR: 5705.9' KB  
 NO. OF JOINTS: 1 jt. (31.7')  
 SEATING NIPPLE: 2-7/8" (1.1') SN LANDED AT: 5740.4' KB  
 NO. OF JOINTS: 1 jt. (31.3')  
 GAS ANCHOR: 5772.8' KB  
 NO. OF JOINTS: 3 jts. (93.9')  
 BULL PLUG: 5872.5' KB  
 TOTAL STRING LENGTH: EOT @ 5873' KB

## SUCKER RODS

POLISHED ROD: 1 1/2" x 30' Polished Rod  
 SUCKER RODS: 1 - 7/8" x 2' Pony Rod, 1 - 7/8" x 8' Pony Rod, 74 - 7/8" 8per Guided Rods (1850'), 148 - 3/4" 4per Guided Rods (3700'), 5 - 1 1/2" Weight Bars (125'), 5 - 1" x 4' Stabilizer Bars (20')  
 PUMP SIZE: 2 1/2 x 1 3/4" x 20' x 21' x 24' RHAC  
 STROKE LENGTH: 225 max  
 PUMP SPEED: 5 SPM



## FRAC JOB

12/13/2011 5771-6000' Frac CP3, CP4 and CP5, sands as follows:  
 Frac with 49967# 20/40 white sand in 646 bbls Lightning 17 fluid; 842 total bbls fluid to recover.

12/19/2011 5620-5678' Frac CP1 and CP2, sands as follows:  
 Frac with 24942# 20/40 white sand in 313 bbls Lightning 17 fluid; 491 total bbls fluid to recover.

12/19/2011 5016-5229' Frac B2 and A3, sands as follows:  
 Frac with 49322# 20/40 white sand in 409 bbls Lightning 17 fluid; 528 total bbls fluid to recover.

12/19/2011 4704-4894' Frac D1 and C-Sand, sands as follows:  
 Frac with 60203# 20/40 white sand in 479 bbls Lightning 17 fluid; 591 total bbls fluid to recover.

12/19/2011 4148-4380' Frac PB8 and GB4, sands as follows:  
 Frac with 106133# 20-40 white sand in 813 bbls Lightning 17 fluid; 985 total bbls fluid to recover.

## PERFORATION RECORD

4148-4149'	3 JSPP	3 holes
4158-4160'	3 JSPP	6 holes
4372-4374'	3 JSPP	6 holes
4378-4380'	3 JSPP	6 holes
4704-4706'	3 JSPP	6 holes
4709-4710'	3 JSPP	3 holes
4886-4888'	3 JSPP	6 holes
4893-4894'	3 JSPP	3 holes
5016-5017'	3 JSPP	3 holes
5036-5038'	3 JSPP	6 holes
5197-5198'	3 JSPP	3 holes
5211-5212'	3 JSPP	3 holes
5227-5229'	3 JSPP	6 holes
5620-5621'	3 JSPP	3 holes
5668-5669'	3 JSPP	3 holes
5672-5673'	3 JSPP	3 holes
5677-5678'	3 JSPP	3 holes
5771-5772'	3 JSPP	3 holes
5821-5822'	3 JSPP	3 holes
5856-5857'	3 JSPP	3 holes
EOT @ 5873'		
5993-5994'		
5998-6000'		
PBTD @ 6101'		
TD @ 6165'		

**NEWFIELD**

Greater Monument Butte R-11-9-16  
 799' FSL & 2047' FWL (SE/SW)  
 Section 11, T9S, R16E  
 Duchesne County, Utah  
 API # 43-013-50579; Lease #UTU-096547

# Greater Monument Butte S-11-9-16

Spud Date: 12/4/10  
 Put on Production: 1/5/11  
 GL: 5612' KB: 5624'

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (297.17')  
 DEPTH LANDED: 307.02'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 146 jts. (6188.29')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 6244.55'  
 CEMENT DATA: 300 sxs Prem. Late II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 316'

**TUBING**

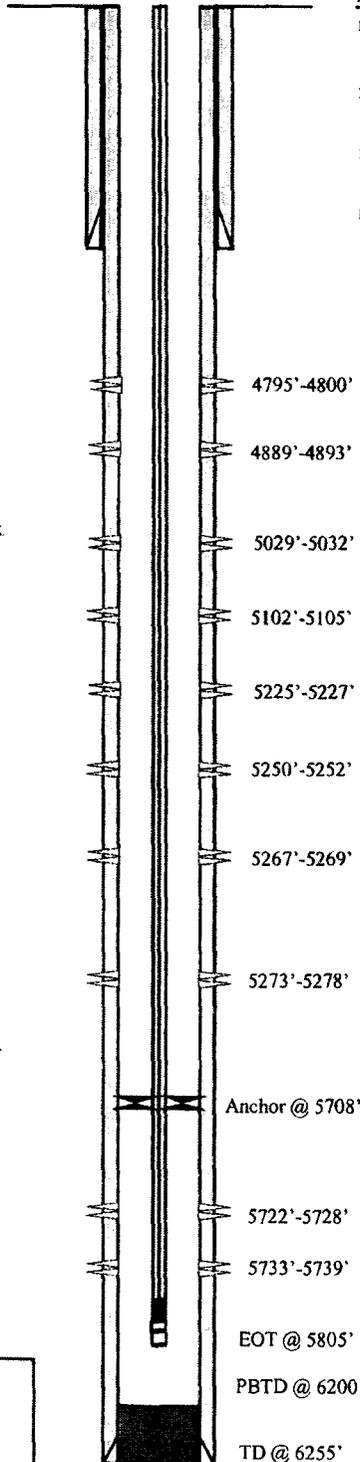
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 184 jts (5697.5')  
 TUBING ANCHOR: 5707.5'  
 NO. OF JOINTS: 1 jts (30.0')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 5740.3' KB  
 NO. OF JOINTS: 2 jts (62.9')  
 TOTAL STRING LENGTH: EOT @ 5805'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 30'  
 SUCKER RODS: 1 - 7/8" = 2' pony rods; 1 - 7/8" = 4' pony rods; 1 - 7/8" = 6' pony rods; 1 - 7/8" = 8' pony rods; 223 - 7/8" = 5375' 8 per guided rods; 4 - 1 1/2" = 100' weight bars  
 PUMP SIZE: 2 1/2 x 1 3/4 x 20' x 24' RHAC  
 STROKE LENGTH: 144  
 PUMP SPEED: 5 SPM

**FRAC JOB**

12/27/10	5722' - 5739'	<b>Frac CP2 sands as follows:</b> Frac with 50,456# 20/40 sand in 309 bbls Lightning 17 fluid.
12/28/10	5225' - 5278'	<b>Frac A1 &amp; A3 sands as follows:</b> Frac with 35,079# 20/40 sand in 232 bbls Lightning 17 fluid.
12/28/10	5029' - 5105'	<b>Frac B .5 &amp; B2 sands as follows:</b> Frac with 15,052# 20/40 sand in 135 bbls Lightning 17 fluid.
12/28/10	4795' - 4893'	<b>Frac D1 &amp; D2 sands as follows:</b> Frac with 39,227# 20/40 sand in 240 bbls Lightning 17 fluid.



**PERFORATION RECORD**

5733'-5739'	3 JSPF	18 holes
5722'-5728'	3 JSPF	18 holes
5273'-5278'	3 JSPF	15 holes
5267'-5269'	3 JSPF	6 holes
5250'-5252'	3 JSPF	6 holes
5225'-5227'	3 JSPF	6 holes
5102'-5105'	3 JSPF	9 holes
5029'-5032'	3 JSPF	9 holes
4889'-4893'	3 JSPF	12 holes
4795'-4800'	3 JSPF	15 holes

**NEWFIELD**

**Greater Monument Butte S-11-9-16**  
 1992' FSL & 2015' FEL (NW,SE)  
 Section 11, T9S, R16E  
 Duchesne Co, Utah  
 API # 43-013-50279; Lease # UTU-096550

Spud Date: 7/6/2011  
 Put on Production: 8/4/2011  
 GL: 5723' KB: 5735'

# Greater Monument Butte S-10-9-16

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (300.75')  
 DEPTH LANDED: 311.07' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 145 jts. (6240.77') - Includes Shoe Joint (22')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 6259.28' KB  
 CEMENT DATA: 280 sxs Prem. Lite II mixed & 436 sxs 50-50 POZ.  
 CEMENT TOP AT: 50'

### TUBING

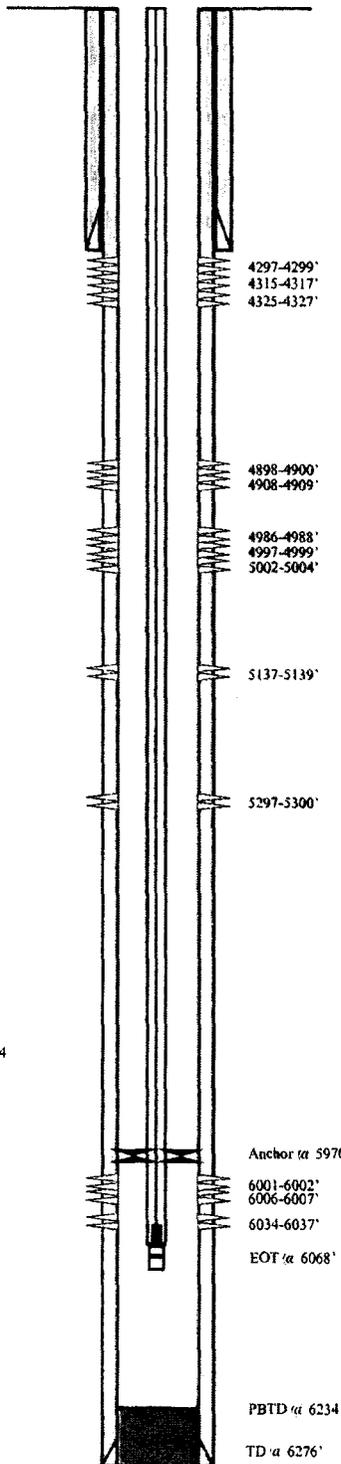
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 190 jts (5959.6')  
 TUBING ANCHOR: 5969.6' KB  
 NO. OF JOINTS: 1 jt (31.6')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 6003.9' KB  
 NO. OF JOINTS: 2 jts (62.7')  
 NOTCHED COLLAR: 6067.7' KB  
 TOTAL STRING LENGTH: EOT @ 6068' KB

### SUCKER RODS

POLISHED ROD: 1 1/2" x 30' Polished Rod  
 SUCKER RODS: 1 - 7/8" x 2' Pony Rod, 1 - 7/8" x 4' Pony Rod, 234  
 - 7/8" 8per Guided Rods (5850'), 4 - 1 1/2" Weight Bars (100'), 1 - 1"  
 x 4' Stabilizer Bar  
 PUMP SIZE: 2 1/2 x 1 1/2" x 21' x 24' RHAC  
 STROKE LENGTH: (4)  
 PUMP SPEED: 5 SPM

### FRAC JOB

7/19/2011 6001-6037' Frac CP5, sands as follows:  
 Frac with 15566# 20/40 sand in 130 bbbs  
 Lightning 17 fluid; 316 bbbs total fluid to  
 recover.  
 7/27/2011 5137-5300' Frac A3 and B2, sands as follows:  
 Frac with 49772# 20/40 sand in 311 bbbs  
 Lightning 17 fluid; 455 bbbs total fluid to  
 recover.  
 7/27/2011 4898-5004' Frac C and D2, sands as follows:  
 Frac with 60469# 20/40 sand in 371 bbbs  
 Lightning 17 fluid; 497 bbbs total to  
 recover.  
 7/27/2011 4297-4327' Frac GB6, sands as follows:  
 Frac with 37218# 20/40 sand in 300 bbbs  
 Lightning 17 fluid; 412 bbbs total fluid to  
 recover.



### PERFORATION RECORD

4297-4299'	3 JSPP	6 holes
4315-4317'	3 JSPP	6 holes
4325-4327'	3 JSPP	6 holes
4898-4900'	3 JSPP	6 holes
4908-4909'	3 JSPP	3 holes
4986-4988'	3 JSPP	6 holes
4997-4999'	3 JSPP	6 holes
5002-5004'	3 JSPP	6 holes
5137-5139'	3 JSPP	6 holes
5297-5300'	3 JSPP	9 holes
6001-6002'	3 JSPP	3 holes
6006-6007'	3 JSPP	3 holes
6034-6037'	3 JSPP	9 holes

**NEWFIELD**

**Greater Monument Butte S-10-9-16**  
 598' FSL & 1959' FEL (SW/SE)  
 Section 10, T9S, R16E  
 Duchesne County, Utah  
 API # 43-013-50538; Lease #UTU-017985

# Greater Monument Butte Y-11-9-16

Spud Date: 6/27/2011  
 Put on Production: 7/29/2011  
 GL: 5699' KB: 5711'

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7jts (316.46')  
 DEPTH LANDED: 324.46'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, circ 3 bbls to surf

**PRODUCTION CASING**

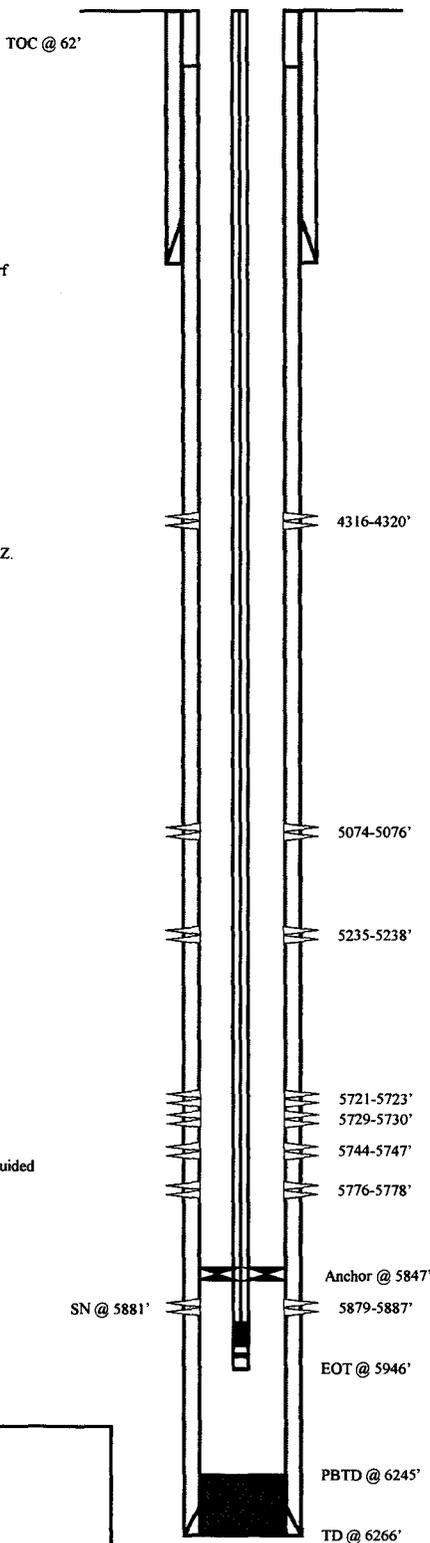
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 146jts (6264.4')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 6258.4'  
 CEMENT DATA: 280 sxs Premlite II & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 62' per CBL 7/18/11

**TUBING (KS 10/8/12)**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 186jts (5837.0')  
 TUBING ANCHOR: 5847'  
 NO. OF JOINTS: 1jt (31.5')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 5881.3'  
 BLEED NIPPLE: 2-7/8" (0.7')  
 NO. OF JOINTS: 2jts (62.9')  
 NOTCHED COLLAR: 2-7/8" (0.5')  
 TOTAL STRING LENGTH: EOT @ 5946'

**SUCKER RODS (GI 12/14/12)**

POLISHED ROD: 1-1/2" x 30' Spray Metal Polished Rod  
 SUCKER RODS: 4', 6', 8' x 7/8" Pony Rod, 229 x 7/8" Guided Rods(8per), 4 x 1-1/2" Sinker Bars, 4' x 1" Pony Rod(3per)  
 PUMP SIZE: 2-1/2" x 1-1/2" x 20' x 24' RHAC  
 STROKE LENGTH: 146"  
 PUMP SPEED, SPM: 3.5  
 PUMPING UNIT: DARCO C-640-365-168



**FRAC JOB**

7/18/2011 5879-5887' **Frac CP3, sands as follows:**  
 Frac with 19845# 20/40 brown sand in 161 bbls Lightning 17 fluid; 355 total bbls fluid to recover.

7/25/2011 5721-5778' **Frac CP1 and CP2, sands as follows:**  
 Frac with 35080# 20/40 brown sand in 224 bbls Lightning 17 fluid; 375 total bbls fluid to recover.

7/25/2011 5074-5238' **Frac B1 and A1, sands as follows:**  
 Frac with 19298# 20/40 brown sand in 161 bbls Lightning 17 fluid; 294 total bbls fluid to recover.

7/25/2011 4316-4320' **Frac GB6, sands as follows:**  
 Frac with 19642# 20/40 brown sand in 143 bbls Lightning 17 fluid; 262 total bbls fluid to recover.

**PERFORATION RECORD**

4316-4320'	3 JSPF	12 holes
5074-5076'	3 JSPF	6 holes
5235-5238'	3 JSPF	9 holes
5721-5723'	3 JSPF	6 holes
5729-5730'	3 JSPF	3 holes
5744-5747'	3 JSPF	9 holes
5776-5778'	3 JSPF	6 holes
5879-5887'	3 JSPF	24 holes



**Greater Monument Butte Y-11-9-16**  
 621' FSL & 683' FEL (SE/SE)  
 Section 10, T9S, R16E  
 Duchesne, Utah  
 API # 43-013-50543; Lease #UTU-017985



**Multi-Chem Group, LLC**

Multi-Chem Analytical Laborator  
1553 East Highway 40  
Vernal, UT 84078

**Water Analysis Report**

Production Company: **NEWFIELD PRODUCTION (158)**  
Well Name: **SOUTH WELLS DRAW INJ**  
Sample Point: **Tri-plex suction**  
Sample Date: **1 /5 /2010**  
Sales Rep: **Randy Huber**  
Lab Tech: **John Keel**

Sample ID: **WA-35269**

Sample Specifics	
Test Date:	1/5/2010
Temperature (°F):	100
Sample Pressure (psig):	0
Specific Gravity (g/cm³):	1.0080
pH:	8.5
Turbidity (NTU):	-
Calculated T.D.S. (mg/L):	14518
Molar Conductivity (µS/cm):	21997
Resitivity (Mohm):	0.4546

Analysis @ Properties in Sample Specifics			
Cations		Anions	
	mg/L		mg/L
Calcium (Ca):	40.00	Chloride (Cl):	7000.00
Magnesium (Mg):	48.80	Sulfate (SO₄):	347.00
Barium (Ba):	3.00	Dissolved CO₂:	-
Strontium (Sr):	-	Bicarbonate (HCO₃):	1854.00
Sodium (Na):	5221.00	Carbonate (CO₃):	-
Potassium (K):	-	H₂S:	2.00
Iron (Fe):	2.29	Phosphate (PO₄):	-
Manganese (Mn):	0.18	Silica (SiO₂):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO₃):	-
Ammonia NH₃:	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
Temp °F	Gauge Press. psi											
100	0	18.63	61.28	0.01	-2464.50	0.00	-2627.60	-	-	19.57	4.84	0.12
80	0	14.85	60.19	0.01	65.24	0.00	-2798.30	-	-	29.93	4.93	0.07
100	0	18.63	61.28	0.01	76.56	0.00	-2627.60	-	-	19.57	4.84	0.08
120	0	21.65	59.58	0.01	82.61	0.01	-2371.20	-	-	13.09	4.71	0.09
140	0	23.90	57.39	0.01	83.93	0.01	-2066.00	-	-	8.93	4.52	0.10
160	0	25.14	55.68	0.01	81.37	0.01	-1744.20	-	-	6.21	4.27	0.11
180	0	25.30	54.75	0.01	76.58	0.01	-1430.50	-	-	4.39	3.93	0.12
200	0	24.51	54.39	0.01	70.28	0.02	-1141.40	-	-	3.14	3.46	0.12
220	2.51	22.80	54.08	0.01	62.89	0.03	-898.26	-	-	2.22	2.79	0.12
240	10.3	20.78	51.88	0.01	53.89	0.04	-678.18	-	-	1.62	1.93	0.12
260	20.76	18.51	46.86	0.01	45.00	0.07	-494.29	-	-	1.19	0.80	0.12
280	34.54	16.19	40.18	0.02	37.07	0.11	-344.07	-	-	0.88	-0.70	0.12
300	52.34	13.94	33.58	0.02	30.34	0.19	-223.92	-	-	0.65	-2.65	0.12

**Conclusions:**

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F  
Gypsum Scaling Index is negative from 80°F to 300°F  
Calcium Sulfate Scaling Index is negative from 80°F to 300°F  
Strontium Sulfate scaling was not evaluated  
Barium Sulfate NO CONCLUSION

**Notes:**



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## Multi-Chem Group, LLC

Multi-Chem Analytical Laborator

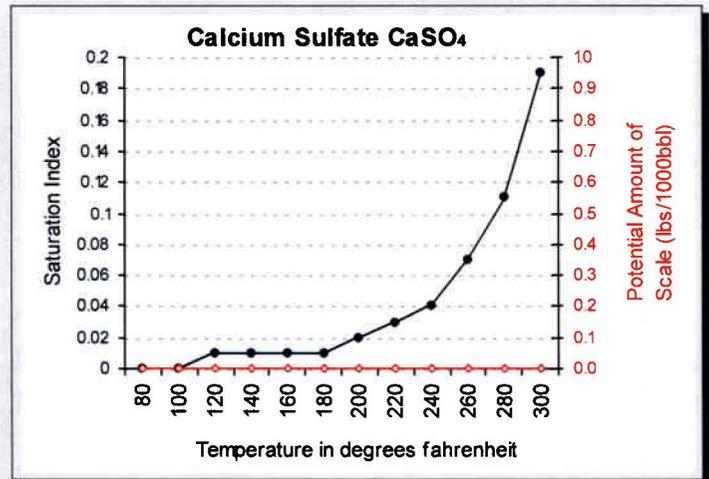
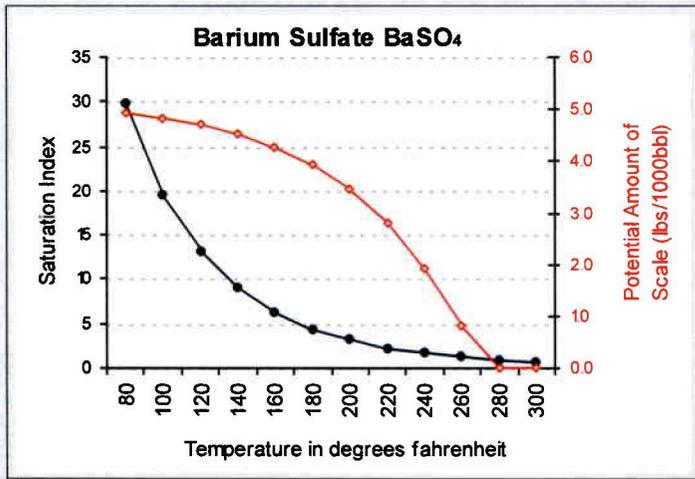
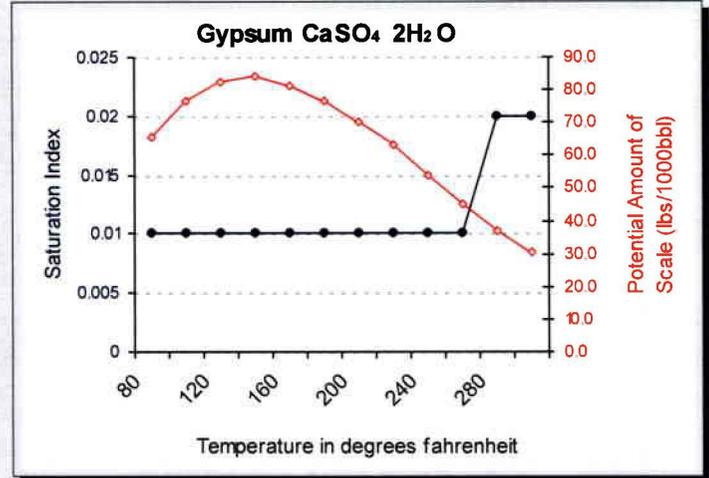
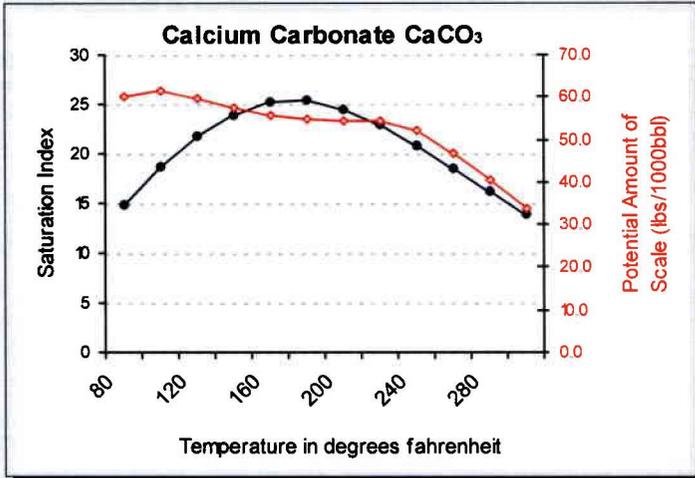
1553 East Highway 40

Vernal, UT 84078

### Scale Prediction Graphs

Well Name: **SOUTH WELLS DRAW INJ**

Sample ID: **WA-35269**





**Multi-Chem Group, LLC**  
 Multi-Chem Analytical Laboratory  
 1553 East Highway 40  
 Vernal, UT 84078

## Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**  
 Well Name: **mon 13-11j-9-16**  
 Sample Point: **tank**  
 Sample Date: **10/12/2010**  
 Sales Rep: **Monty Frost**  
 Lab Tech: **Peter Poulsen**

Sample ID: **WA-47863**

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	10/13/2010	<b>Cations</b>	<b>mg/L</b>	<b>Anions</b>	<b>mg/L</b>
Temperature (°F):	100	Calcium (Ca):	6.21	Chloride (Cl):	2000.00
Sample Pressure (psig):	0	Magnesium (Mg):	2.39	Sulfate (SO <sub>4</sub> ):	12.32
Specific Gravity (g/cm <sup>3</sup> ):	1.0032	Barium (Ba):	19.32	Dissolved CO <sub>2</sub> :	-
pH:	7.8	Strontium (Sr):	-	Bicarbonate (HCO <sub>3</sub> ):	1415.00
Turbidity (NTU):	-	Sodium (Na):	1811.00	Carbonate (CO <sub>3</sub> ):	-
Calculated T.D.S. (mg/L)	5267	Potassium (K):	-	H <sub>2</sub> S:	1.00
Molar Conductivity (µS/cm):	7981	Iron (Fe):	0.11	Phosphate (PO <sub>4</sub> ):	-
Resistivity (Mohm):	1.2530	Manganese (Mn):	0.04	Silica (SiO <sub>2</sub> ):	-
		Lithium (Li):	-	Fluoride (F):	-
		Aluminum (Al):	-	Nitrate (NO <sub>3</sub> ):	-
		Ammonia NH <sub>3</sub> :	-	Lead (Pb):	-
				Zinc (Zn):	-
				Bromine (Br):	-
				Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> · 2H <sub>2</sub> O		Calcium Sulfate CaSO <sub>4</sub>		Strontium Sulfate SrSO <sub>4</sub>		Barium Sulfate BaSO <sub>4</sub>		Calculated CO <sub>2</sub>
		Temp °F	Gauge Press. psi	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index
100	0	0.90	-0.72	0.00	-1920.50	0.00	-2024.90	-	-	10.30	20.69	0.63
80	0	0.68	-2.73	0.00	-9.86	0.00	-2160.50	-	-	15.49	22.47	0.30
100	0	0.90	-0.72	0.00	-6.26	0.00	-2024.90	-	-	10.30	20.69	0.37
120	0	1.12	0.74	0.00	-3.65	0.00	-1830.00	-	-	7.01	18.66	0.41
140	0	1.33	1.79	0.00	-1.83	0.00	-1603.00	-	-	4.87	16.36	0.46
160	0	1.53	2.45	0.00	-0.70	0.00	-1366.80	-	-	3.45	13.77	0.52
180	0	1.70	2.80	0.00	-0.10	0.00	-1138.70	-	-	2.48	10.88	0.57
200	0	1.84	2.92	0.00	0.16	0.00	-929.80	-	-	1.81	7.65	0.58
220	2.51	1.94	2.91	0.00	0.23	0.00	-752.65	-	-	1.32	3.85	0.58
240	10.3	2.00	2.84	0.00	0.21	0.00	-595.34	-	-	0.99	-0.18	0.59
260	20.76	2.04	2.75	0.00	0.17	0.00	-464.54	-	-	0.75	-4.64	0.60
280	34.54	2.04	2.66	0.00	0.11	0.00	-358.17	-	-	0.57	-9.57	0.62
300	52.34	2.02	2.58	0.00	0.06	0.00	-273.23	-	-	0.44	-15.04	0.63

**Conclusions:**

Calcium Carbonate scale is indicated. See graph for appropriate temperature ranges.  
 Gypsum Scaling Index is negative from 80°F to 300°F  
 Calcium Sulfate Scaling Index is negative from 80°F to 300°F  
 Strontium Sulfate scaling was not evaluated  
 Barium Sulfate NO CONCLUSION

**Notes:**



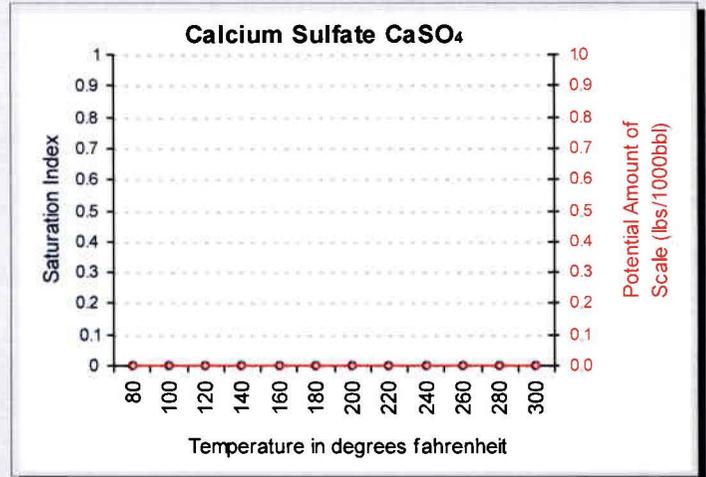
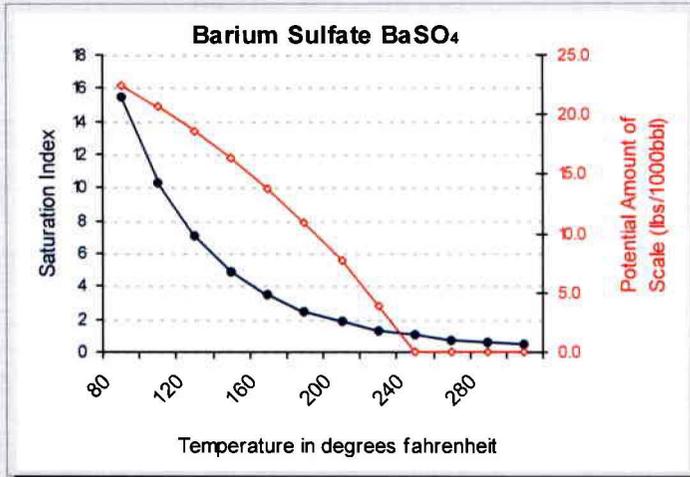
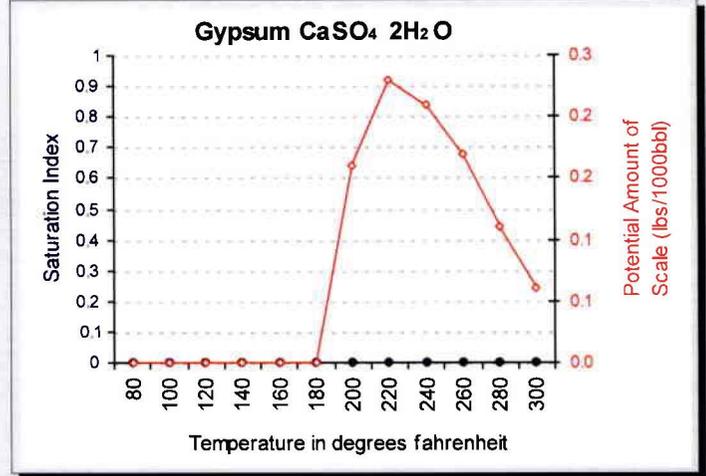
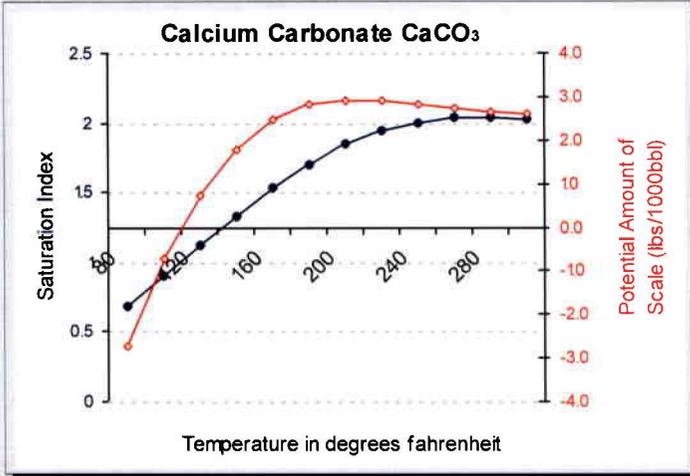
**Multi-Chem Group, LLC**  
 Multi-Chem Analytical Laboratory  
 1553 East Highway 40  
 Vernal, UT 84078

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## Scale Prediction Graphs

Well Name: **mon 13-11j-9-16**

Sample ID: **WA-47863**



**Attachment "G"**

**Balcron Monument Federal #13-11J-9-16  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
4863	4867	4865	1000	0.64	968 ←
5155	5173	5164	1200	0.67	1167
				<b>Minimum</b>	<u><u>968</u></u>

Calculation of Maximum Surface Injection Pressure  
 $P_{max} = (Frac\ Grad - (0.433 * 1.015)) \times \text{Depth of Top Perf}$   
 where pressure gradient for the fresh water is .433 psi/ft and  
 specific gravity of the injected water is 1.015.

$Frac\ Gradient = (ISIP + (0.433 * Top\ Perf.)) / Top\ Perf.$

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.



EQUITABLE RESOURCES ENERGY COMPANY BALCRON OIL DIVISION

DAILY COMPLETION / WORKOVER REPORT

DATE: 6-27-94

Wellname Monument Fed. 13-11 J Sec. 11 Twn. 9 S Rng. 16 E

Field Monument Butte County Duchesne State Utah

Total Depth 5280 PBD 5213 KB 12 Elev. GL 5630

TBG.: Size 2 7/8 Wt. 6.5 #/ft. Rng. 2 CSG: Size 5 1/2 Wt. 15.5 #/ft. Rng. 2

Perforations / Open Hole: 4858-70, 5150-62, 5172-74

Present Operation: REENTRY

Description of Operations:

0700 CONTINUE IN HOLE W/ BIT & SCRAPPER, TAG PBD AT 5213 TOOK W/ TBG, SCRAPPER & BIT.

R.D. SCHLUMBERGER TO RUN BOND LOG FROM 5213' KB TO BOTTOM OF SURFACE CAS. AT 227' KB.

COULD NOT GET IN HOLE BE CAUSE OF SEW UP OIL AT 1300' FROM SURFACE.

T.H. TO 2000', CIRCULATE OIL OUT.

R.H. W/ CBL TOOK TO 5159', LOG OUT TO 200' FROM SURFACE

FOUND CEMENT TOP AT 4890' KB, FOUND CEMENT BOND FROM 1545' KB TO 1270' KB.

PERF. 5172-74' KB, 5150-62, 4858-70, 4-SPF

R.D. SCHLUMBERGER

1900 SIGN OFF

DAILY COSTS:

Completion Rig	\$ 1602	Chemicals	\$	Packers	\$
BOP Rental	\$ 12.5	Transportation	\$	Wellhead Equip.	\$
Hot Oil	\$ 232	Tank Rental	\$ 60	Valves & Fittings	\$
Equipment Rental	\$ 40	Tubing	\$	Treater / Separator	\$
Completion Fluid	\$	Rods	\$	Tanks	\$
Log / Perforate	\$ 6565	Pony & Pups	\$	Contract Labor	\$
Stimulation	\$	Downhole Pump	\$	Supervision	\$
Cementing	\$	TA, MA, SN	\$	Miscellaneous	\$
Daily Total:	\$				
Cumulative Cost:	\$				

Operations Supervisor: Dale Griffin



EQUITABLE RESOURCES  
ENERGY COMPANY  
BALCRON OIL DIVISION

ATTACHMENT G-1  
204

DAILY COMPLETION / WORKOVER REPORT

DATE: 6-28-94

Wellname Monument Rd, 13-11 J Sec. 11 Twn. 9 S Rng. 16 E

Field Monument Butte County Duchesne State Utah

Total Depth 5280 PBD 5213 KB 12 Elev. GL 5630

TBG.: Size 2 7/8 Wt. 6.5 #/ft. Rng. 2 CSG: Size 5 1/2 Wt. 15.5 #/ft. Rng. 2

Perforations / Open Hole: 4858-70, 5150-62, 5172-74 4-SPF

Present Operation: REENTRY

Description of Operations: CAS, PSI.

0700 TIH W/5 1/2 RBP, RETRIEVING HEAD, HD PKR, SEPT NIPPLE + 169 JTS, 2 3/8 TBG.  
SET BP AT 5195' KB, SET PKR. AT 5167' KB.

BU WESTERN TO DO KCL BREAK DOWN ON 5172-74

REFER TO TREATMENT REPORT

COMMUNICATE BETWEEN 5172-74 + 5160-62

RESET PKR. AT 5123' KB.

RESTART BREAK DOWN ON 5150-62, 5172-74

RESET BP 4914' KB, RESET PKR. 4816' KB

BU WESTERN TO DO KCL BREAK

REFER TO TREATMENT REPORT

MADE 12 SWAB RUNS ON 4858-70

RECOVERED 60 BBL. OF FLUID, 10 BO, 50 BOW.

LAST 2 RUNS FLUID LEVEL AT 4650 AFTER 30 MIN. SHUT-IN.

PULL FROM S.I.N.

1700 SWIFD

LOAD TO RECOVER 30 BOW, THIS ZONE.

DAILY COSTS:

Completion Rig	\$ 1448	Chemicals	\$	Packers	\$ 1909
BOP Rental	\$ 120	Transportation	\$	Wellhead Equip.	\$
Hot Oil	\$	Tank Rental	\$ 60	Valves & Fittings	\$
Equipment Rental	\$ 60	Tubing	\$	Treater / Separator	\$
Completion Fluid	\$ 491	Rods	\$	Tanks	\$
Log / Perforate	\$	Pony & Pups	\$	Contract Labor	\$
Stimulation	\$ 2596	Downhole Pump	\$	Supervision	\$
Cementing	\$	TA, MA, SN	\$	Miscellaneous	\$
Daily Total:	\$ 6089				
Cumulative Cost:	\$				

Operations Supervisor: Dale Griffin



**EQUITABLE RESOURCES  
ENERGY COMPANY**  
BALCRON OIL DIVISION  
1001 Lewis Avenue  
P.O. Box 21017  
Billings, MT 59104-1017

TREATMENT REPORT

Date of Treatment: 6-28-94  
Well Name Monument Fed. 13-11J SEC. 11 TWN. 9S RNG. 16E  
Field Monument Butte County Duchesne State Utah  
Formation/Perforations: Green River / 4253-70

Treatment type: KCL BREAK DOWN Total Number of Holes: 48  
Treatment Company: WESTERN

Volume	Fluid	Conc.	Sand Characteristics	
			Size	Volume
Gal.				
Gal.				
Gal.				
Gal.			/	#
Gal.			/	#
Gal.			/	#
Gal.			/	#
Gal.			/	#
Gal.			/	#
Gal.			/	#
Gal.			/	#

TOTAL FLUID PUMPED: \_\_\_\_\_ gal. \_\_\_\_\_ % \_\_\_\_\_ Acid fluid  
\_\_\_\_\_ gal.

TOTAL SAND VOL. : \_\_\_\_\_ lbs. \_\_\_\_\_ sand  
\_\_\_\_\_ lbs. \_\_\_\_\_ sand  
\_\_\_\_\_ lbs. \_\_\_\_\_ sand  
\_\_\_\_\_ lbs. \_\_\_\_\_ bauxite

Flushed well with \_\_\_\_\_ gal. of \_\_\_\_\_  
88 ball sealers were pumped. Was ball action seen? HTT HTT HTT LIII  
Barrels of Load to Recover 80 BJTR. NO BALL OUT  
Avg. Treating Pressure = 1600 psl, max = 2900 psl, min = 800 psl.  
Avg. Treating Rate = 4.8 bpm, max = 4.8 bpm, min = 4.8 bpm.  
ISIP = 1000 psl, 5 min. = \_\_\_\_\_ psl, 10 min. = \_\_\_\_\_ psl, 15 min. = \_\_\_\_\_ psl.  
Well will be shut in for 0 hrs. before bringing back fluid.

REMARKS: INITIAL BREAK AT \_\_\_\_\_ PSI, AT \_\_\_\_\_ BPM, NO BREAK  
BACK TO 1500 PSI AT 4.8 BPM.  
SURGE BALLS OFF  
PUMP FOR RATE, 6.2 BPM AT 1900 PSI

Well site Supervisor: [Signature]

# ATTACHMENT G-1

4 of 4



**EQUITABLE RESOURCES ENERGY COMPANY**  
BALCRON OIL DIVISION  
1601 Lewis Avenue  
P.O. Box 21017  
Billings, MT 59104-1017

## TREATMENT REPORT

Date of Treatment: 6-28-94

Well Name Monument Fed, 13-115 SEC. 11 TWN. 9 S RNG. 16 E  
Field Monument Butte County Duchesne State Utah

Formation/Perforations: Green River / 5172-74, 5150-62

Treatment type: KCL BREAK DOWN Total Number of Holes: ~~8~~ 56  
Treatment Company: WESTERN

Volume	Fluid	Conc.	Sand Characteristics	
			Size	Volume
Gal.				
Gal.				
Gal.				
Gal.			/	#
Gal.			/	#
Gal.			/	#
Gal.			/	#
Gal.			/	#
Gal.			/	#
Gal.			/	#
Gal.			/	#
Gal.			/	#

TOTAL FLUID PUMPED: \_\_\_\_\_ gal. \_\_\_\_\_ % \_\_\_\_\_ Acid fluid

TOTAL SAND VOL. : \_\_\_\_\_ lbs. \_\_\_\_\_ sand  
\_\_\_\_\_ lbs. \_\_\_\_\_ sand  
\_\_\_\_\_ lbs. \_\_\_\_\_ sand  
\_\_\_\_\_ lbs. \_\_\_\_\_ bauxite

Flushed well with \_\_\_\_\_ gal. of \_\_\_\_\_  
108 # ball sealers were pumped. Was ball action seen? BALL OUT  
Barrels of Load to Recover 70 BLTR.

Avg. Treating Pressure = 2500 psl, max = 2900 psl, min = 2000 psl.  
Avg. Treating Rate = 4.0 bpm, max = 5.1 bpm, min = 1.8 bpm.  
ISIP = 1200 psl, 5 min. = \_\_\_\_\_ psl, 10 min. = \_\_\_\_\_ psl, 15 min. = \_\_\_\_\_ psl.  
Well will be shut in for 0 hrs. before bringing back fluid.

REMARKS: INITIAL BREAK AT 1800/2200 PSI AT 1.2<sup>5.0</sup> BPM  
BACK TO 1400<sup>2000</sup> PSI AT 2.0<sup>5.1</sup> BPM, PUMP 4 BALLS PER EBL.  
SURGE BALLS OFF.  
PUMP FOR RATE, 6.1 BPM, 2500 PSI  
5172-74 COMMUNICATED W/ 5150-62, RESET PKR. AT 5123' KB.

Well site Supervisor: Dale Griffin

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4808'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Perforate 4 JSPF @ 2990'
4. Plug #2 170' plug covering Trona/Mohogany Bench Formation using 31 sx Class "G" Cement pumped under CICR and out perforations. Follow using 14 sx Class "G" cement pumped on top of CICR
5. Perforate 4 JSPF @1539'
6. Plug #3 120' plug covering Uintah/Green River formation using 25 sx Class "G" cement pumped under CICR and out perforations. Follow using 7sx Class "G" cement pumped on top of CICR
7. Perforate 4 JSPF @269'
8. Plug #4 Circulate 92 sx Class "G" Cement down 5-1/2" casing and up the 5 1/2" x 9 5/8" annulus

The approximate cost to plug and abandon this well is \$42,000.

Spud Date: 8/23/64  
 Plug & Abandon: 8/30/72  
 Re-enter: 6/20/94  
 Put on Production: 7/20/94

# Monument Fed. #13-11j-9-16

Formerly Goates Fed. #2

Initial Production: 60 BOPD,  
 NM MCFD, 0 BWPD

GL: 5630' KB: 5642'

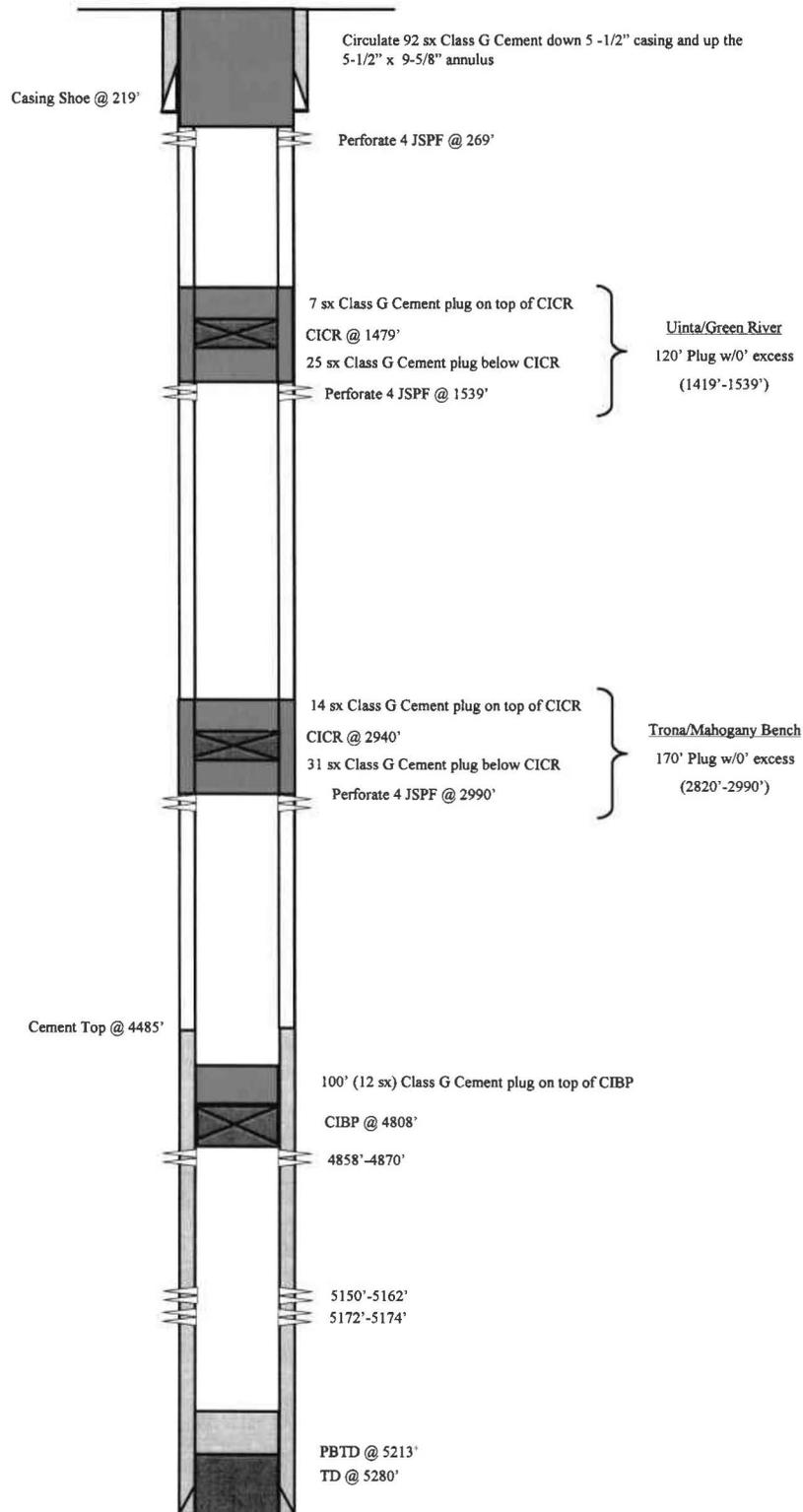
## SURFACE CASING

CSG SIZE: 9-5/8"  
 GRADE: H-40  
 WEIGHT: 32.3#  
 DEPTH LANDED: 219'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 277 sxs cement

## PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 DEPTH LANDED: 5250'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 120 sxs cement  
 CEMENT TOP AT: 4485' per CBL

### Proposed P & A Wellbore Diagram



**Monument Federal #13-11j-9-16**  
 1819' FSL & 657' FWL  
 NWSW Section 11-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-15790; Lease #UTU-096547

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.  
USA UTU-096550

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
GMBU

8. Well Name and No.  
MONUMENT FED 33-11J

9. API Well No.  
4301331451

10. Field and Pool, or Exploratory Area  
GREATER MB UNIT

11. County or Parish, State  
DUCHESNE, UT

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include are code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1970 FSL 2031 FEL  
NWSE Section 11 T9S R16E

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

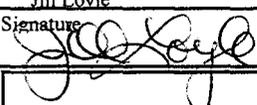
TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from producing oil well to an injection well.

I hereby certify that the foregoing is true and correct (Printed/ Typed)  
Jill Lovle

Title  
Regulatory Technician

Signature 

Date  
4/30/2011

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office \_\_\_\_\_

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>	
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.	
<b>1. TYPE OF WELL</b> Water Injection Well	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-096547
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>PHONE NUMBER:</b> 435 646-4825 Ext	<b>8. WELL NAME and NUMBER:</b> MONUMENT FED 13-11J
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1819 FSL 0657 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 11 Township: 09.0S Range: 16.0E Meridian: S	<b>9. API NUMBER:</b> 43013157900000
	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
	<b>COUNTY:</b> DUCHESNE
	<b>STATE:</b> UTAH

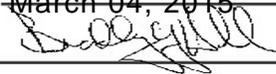
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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: 2/25/2015	<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="Step Rate Test"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

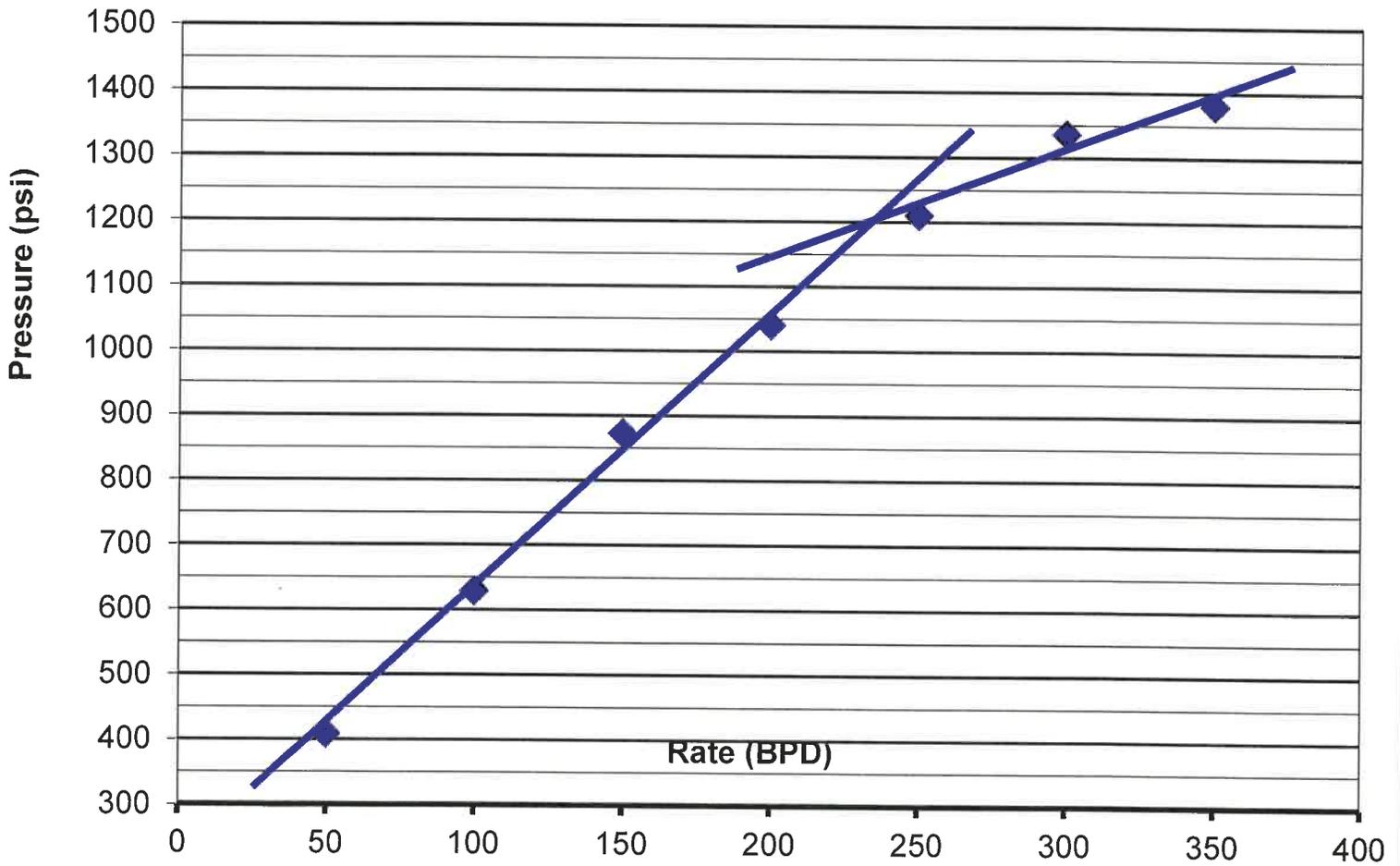
A step rate test was conducted on the subject well on 02/25/2015. Results from the test indicate that the fracture gradient is 0.687 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 968 psi to 1200 psi.

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

Date: March 04, 2015  
 By: 

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 3/3/2015	

**Balcron Monument Federal 13-11J-9-16  
 Greater Monument Butte Unit  
 Step Rate Test  
 February 25, 2015**



Start Pressure: 17 psi  
 Instantaneous Shut In Pressure (ISIP): 1369 psi  
 Top Perforation: 4858 feet  
 Fracture pressure (Pfp): 1200 psi  
 FG: 0.687 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	50	409
2	100	629
3	150	873
4	200	1040
5	250	1210
6	300	1336
7	350	1380

2/26/2015 1:07:23 PM

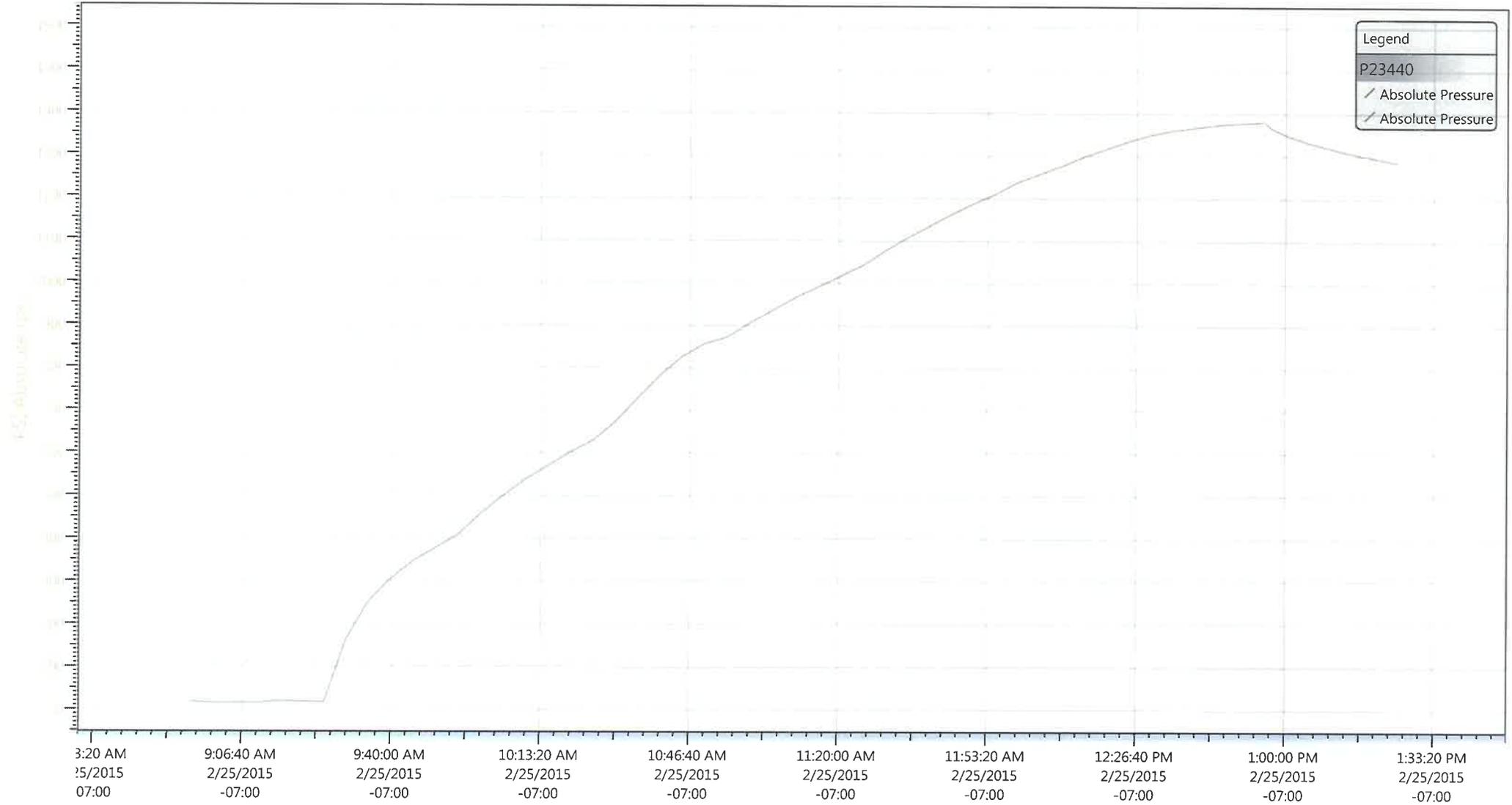
<u>Date</u>	<u>Time</u>	<u>Time Zone</u>	<u>P23440 Absolute Pressure (psi)</u>	<u>Date</u>	<u>Time</u>	<u>Time Zone</u>	<u>P23440 Absolute Pressure (psi)</u>
2/25/2015	8:55:01 AM	-07:00	17.8	2/25/2015	12:45:01 PM	-07:00	1374.2
2/25/2015	9:00:01 AM	-07:00	14.4	2/25/2015	12:50:01 PM	-07:00	1377.0
2/25/2015	9:05:01 AM	-07:00	16.0	2/25/2015	12:55:01 PM	-07:00	1380.4
2/25/2015	9:10:01 AM	-07:00	15.2				
2/25/2015	9:15:01 AM	-07:00	19.2				
2/25/2015	9:20:01 AM	-07:00	17.0				
2/25/2015	9:25:01 AM	-07:00	16.6				
2/25/2015	9:30:01 AM	-07:00	164.8				
2/25/2015	9:35:01 AM	-07:00	253.6				
2/25/2015	9:40:01 AM	-07:00	306.2				
2/25/2015	9:45:01 AM	-07:00	347.8				
2/25/2015	9:50:01 AM	-07:00	378.6				
2/25/2015	9:55:01 AM	-07:00	409.4				
2/25/2015	10:00:01 AM	-07:00	458.6				
2/25/2015	10:05:01 AM	-07:00	500.4				
2/25/2015	10:10:01 AM	-07:00	538.4				
2/25/2015	10:15:01 AM	-07:00	571.2				
2/25/2015	10:20:01 AM	-07:00	601.8				
2/25/2015	10:25:01 AM	-07:00	629.2				
2/25/2015	10:30:01 AM	-07:00	672.8				
2/25/2015	10:35:01 AM	-07:00	726.4				
2/25/2015	10:40:01 AM	-07:00	783.4				
2/25/2015	10:45:01 AM	-07:00	827.2				
2/25/2015	10:50:01 AM	-07:00	857.6				
2/25/2015	10:55:01 AM	-07:00	872.6				
2/25/2015	11:00:01 AM	-07:00	905.8				
2/25/2015	11:05:01 AM	-07:00	936.0				
2/25/2015	11:10:01 AM	-07:00	964.6				
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2/25/2015	11:20:01 AM	-07:00	1015.6				
2/25/2015	11:25:01 AM	-07:00	1040.0				
2/25/2015	11:30:01 AM	-07:00	1074.0				
2/25/2015	11:35:01 AM	-07:00	1105.4				
2/25/2015	11:40:01 AM	-07:00	1134.0				
2/25/2015	11:45:01 AM	-07:00	1161.6				
2/25/2015	11:50:01 AM	-07:00	1187.2				
2/25/2015	11:55:01 AM	-07:00	1210.0				
2/25/2015	12:00:01 PM	-07:00	1237.4				
2/25/2015	12:05:01 PM	-07:00	1257.4				
2/25/2015	12:10:01 PM	-07:00	1276.8				
2/25/2015	12:15:01 PM	-07:00	1299.0				
2/25/2015	12:20:01 PM	-07:00	1318.4				
2/25/2015	12:25:01 PM	-07:00	1335.8				
2/25/2015	12:30:01 PM	-07:00	1350.6				
2/25/2015	12:35:01 PM	-07:00	1360.8				
2/25/2015	12:40:01 PM	-07:00	1368.0				

2/26/2015 1:08:18 PM

<b>Date</b>	<b>Time</b>	<b>Time Zone</b>	<b>P23440 Absolute Pressure (psi)</b>
2/25/2015	12:55:18 PM	-07:00	1380.4
2/25/2015	12:56:18 PM	-07:00	1369.4
2/25/2015	12:57:18 PM	-07:00	1363.2
2/25/2015	12:58:18 PM	-07:00	1358.4
2/25/2015	12:59:18 PM	-07:00	1353.6
2/25/2015	1:00:18 PM	-07:00	1349.8
2/25/2015	1:01:18 PM	-07:00	1345.6
2/25/2015	1:02:18 PM	-07:00	1342.2
2/25/2015	1:03:18 PM	-07:00	1338.4
2/25/2015	1:04:18 PM	-07:00	1335.2
2/25/2015	1:05:18 PM	-07:00	1331.8
2/25/2015	1:06:18 PM	-07:00	1329.0
2/25/2015	1:07:18 PM	-07:00	1326.0
2/25/2015	1:08:18 PM	-07:00	1323.4
2/25/2015	1:09:18 PM	-07:00	1320.6
2/25/2015	1:10:18 PM	-07:00	1318.0
2/25/2015	1:11:18 PM	-07:00	1315.6
2/25/2015	1:12:18 PM	-07:00	1312.8
2/25/2015	1:13:18 PM	-07:00	1310.6
2/25/2015	1:14:18 PM	-07:00	1308.2
2/25/2015	1:15:18 PM	-07:00	1305.6
2/25/2015	1:16:18 PM	-07:00	1303.6
2/25/2015	1:17:18 PM	-07:00	1301.4
2/25/2015	1:18:18 PM	-07:00	1299.4
2/25/2015	1:19:18 PM	-07:00	1296.8
2/25/2015	1:20:18 PM	-07:00	1295.0
2/25/2015	1:21:18 PM	-07:00	1292.6
2/25/2015	1:22:18 PM	-07:00	1291.2
2/25/2015	1:23:18 PM	-07:00	1288.6
2/25/2015	1:24:18 PM	-07:00	1287.0
2/25/2015	1:25:18 PM	-07:00	1285.0

Balcron Monument Federal 13-11J-9-16 SRT & ISIP (2-25-15)

2/26/2015 1:09:09 PM



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-096547	
<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)	
<b>8. WELL NAME and NUMBER:</b> MONUMENT FED 13-11J	
<b>9. API NUMBER:</b> 43013157900000	
<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE	
<b>COUNTY:</b> DUCHESNE	
<b>STATE:</b> UTAH	
<b>1. TYPE OF WELL</b> Water Injection Well	
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	
<b>PHONE NUMBER:</b> 435 646-4825 Ext	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1819 FSL 0657 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 11 Township: 09.0S Range: 16.0E Meridian: S	

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

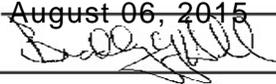
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/4/2015	<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="Step Rate Test"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A step rate test was conducted on the subject well on 08/04/2015. Results from the test indicate that the fracture gradient is 0.787 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1200 psi to 1690 psi.

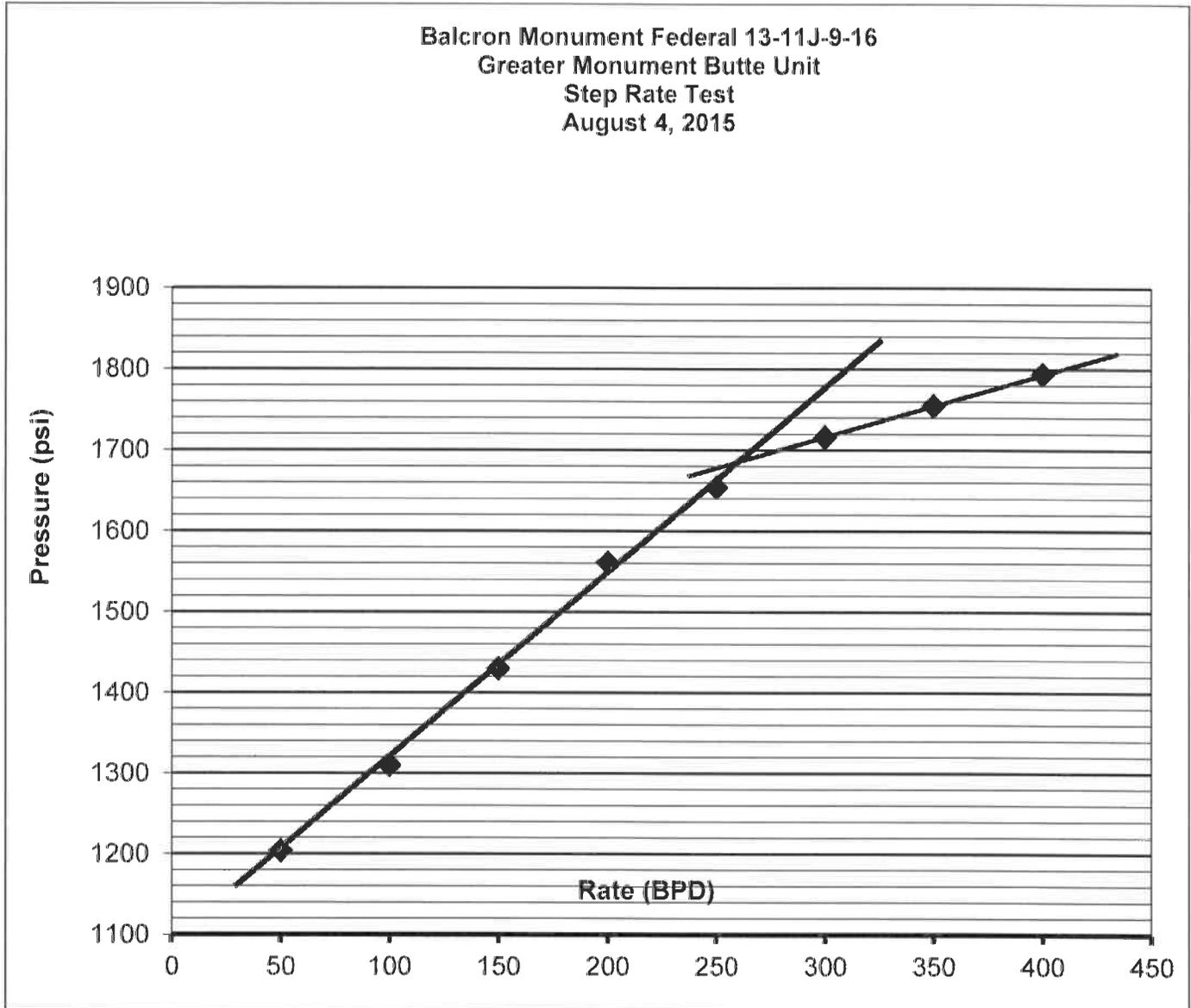
**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

Date: August 06, 2015

By: 

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/6/2015	

Balcron Monument Federal 13-11J-9-16  
 Greater Monument Butte Unit  
 Step Rate Test  
 August 4, 2015



Start Pressure: 1103 psi  
 Instantaneous Shut In Pressure (ISIP): 1774 psi  
 Top Perforation: 4858 feet  
 Fracture pressure (Pfp): 1690 psi  
 FG: 0.787 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	50	1204
2	100	1310
3	150	1430
4	200	1561
5	250	1654
6	300	1716
7	350	1755
8	400	1794

## Balcron Monument Federal 13-11J-9-16 SRT Data (8-4-15)

8/5/2015 9:14:32 AM

Date	Time	Time Zone	N89296 Absolute Pressure (psi)	Date	Time	Time Zone	N89296 Absolute Pressure (psi)
8/4/2015	8:45:01 AM	-06:00	1100.6	8/4/2015	12:35:01 PM	-06:00	1741.0
8/4/2015	8:50:01 AM	-06:00	1101.4	8/4/2015	12:40:01 PM	-06:00	1753.0
8/4/2015	8:55:01 AM	-06:00	1101.4	8/4/2015	12:45:01 PM	-06:00	1755.0
8/4/2015	9:00:01 AM	-06:00	1101.8	8/4/2015	12:50:01 PM	-06:00	1759.6
8/4/2015	9:05:01 AM	-06:00	1102.0	8/4/2015	12:55:01 PM	-06:00	1774.2
8/4/2015	9:10:01 AM	-06:00	1101.2	8/4/2015	1:00:01 PM	-06:00	1773.0
8/4/2015	9:15:01 AM	-06:00	1103.0	8/4/2015	1:05:01 PM	-06:00	1782.4
8/4/2015	9:20:01 AM	-06:00	1154.0	8/4/2015	1:10:01 PM	-06:00	1784.2
8/4/2015	9:25:01 AM	-06:00	1167.4	8/4/2015	1:15:01 PM	-06:00	1794.0
8/4/2015	9:30:01 AM	-06:00	1178.8				
8/4/2015	9:35:01 AM	-06:00	1190.8				
8/4/2015	9:40:01 AM	-06:00	1199.0				
8/4/2015	9:45:01 AM	-06:00	1204.4				
8/4/2015	9:50:01 AM	-06:00	1238.0				
8/4/2015	9:55:01 AM	-06:00	1257.8				
8/4/2015	10:00:01 AM	-06:00	1272.0				
8/4/2015	10:05:01 AM	-06:00	1286.0				
8/4/2015	10:10:01 AM	-06:00	1297.8				
8/4/2015	10:15:01 AM	-06:00	1310.2				
8/4/2015	10:20:01 AM	-06:00	1343.4				
8/4/2015	10:25:01 AM	-06:00	1367.4				
8/4/2015	10:30:01 AM	-06:00	1388.0				
8/4/2015	10:35:01 AM	-06:00	1404.8				
8/4/2015	10:40:01 AM	-06:00	1415.8				
8/4/2015	10:45:01 AM	-06:00	1430.0				
8/4/2015	10:50:01 AM	-06:00	1468.2				
8/4/2015	10:55:01 AM	-06:00	1490.4				
8/4/2015	11:00:01 AM	-06:00	1512.8				
8/4/2015	11:05:01 AM	-06:00	1531.8				
8/4/2015	11:10:01 AM	-06:00	1545.2				
8/4/2015	11:15:01 AM	-06:00	1561.4				
8/4/2015	11:20:01 AM	-06:00	1591.6				
8/4/2015	11:25:01 AM	-06:00	1609.0				
8/4/2015	11:30:01 AM	-06:00	1625.2				
8/4/2015	11:35:01 AM	-06:00	1636.6				
8/4/2015	11:40:01 AM	-06:00	1642.0				
8/4/2015	11:45:01 AM	-06:00	1653.8				
8/4/2015	11:50:01 AM	-06:00	1669.0				
8/4/2015	11:55:01 AM	-06:00	1683.2				
8/4/2015	12:00:01 PM	-06:00	1692.4				
8/4/2015	12:05:01 PM	-06:00	1696.4				
8/4/2015	12:10:01 PM	-06:00	1698.0				
8/4/2015	12:15:01 PM	-06:00	1716.2				
8/4/2015	12:20:01 PM	-06:00	1727.2				
8/4/2015	12:25:01 PM	-06:00	1733.4				
8/4/2015	12:30:01 PM	-06:00	1742.8				

## Balcron Monument Federal 13-11J-9-16 ISIP Data (8-4-15)

8/5/2015 9:16:15 AM

Date	Time	Time Zone	N89296 Absolute Pressure (psi)
8/4/2015	1:15:20 PM	-06:00	1793.4
8/4/2015	1:16:20 PM	-06:00	1774.2
8/4/2015	1:17:20 PM	-06:00	1762.0
8/4/2015	1:18:20 PM	-06:00	1755.0
8/4/2015	1:19:20 PM	-06:00	1749.2
8/4/2015	1:20:20 PM	-06:00	1743.8
8/4/2015	1:21:20 PM	-06:00	1739.8
8/4/2015	1:22:20 PM	-06:00	1734.6
8/4/2015	1:23:20 PM	-06:00	1731.0
8/4/2015	1:24:20 PM	-06:00	1727.2
8/4/2015	1:25:21 PM	-06:00	1723.8
8/4/2015	1:26:21 PM	-06:00	1720.4
8/4/2015	1:27:21 PM	-06:00	1717.6
8/4/2015	1:28:21 PM	-06:00	1714.4
8/4/2015	1:29:21 PM	-06:00	1711.6
8/4/2015	1:30:21 PM	-06:00	1708.4
8/4/2015	1:31:21 PM	-06:00	1705.8
8/4/2015	1:32:21 PM	-06:00	1703.2
8/4/2015	1:33:21 PM	-06:00	1700.4
8/4/2015	1:34:21 PM	-06:00	1698.8
8/4/2015	1:35:21 PM	-06:00	1696.2
8/4/2015	1:36:21 PM	-06:00	1694.0
8/4/2015	1:37:21 PM	-06:00	1691.8
8/4/2015	1:38:21 PM	-06:00	1689.6
8/4/2015	1:39:21 PM	-06:00	1687.2
8/4/2015	1:40:21 PM	-06:00	1685.4
8/4/2015	1:41:21 PM	-06:00	1683.2
8/4/2015	1:42:21 PM	-06:00	1681.4
8/4/2015	1:43:21 PM	-06:00	1679.2
8/4/2015	1:44:21 PM	-06:00	1677.6
8/4/2015	1:45:21 PM	-06:00	1675.2

Balconron Monument Federal 13 11J 9 16 SRT and ISIP (8 4 15)

8/7/2015 9:17:16 AM

