

**FIELD NOTATIONS**

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

Checked by Chief *JMB*  
 Approval Letter ..... 6-10-71  
 Disapproval Letter .....

**COMPLETION DATA:**

Well Completed *6-20-71*  
 .... WW..... TA.....  
 .... OS..... PA..... ✓

Location Inspected .....  
 Bond released  
 State or Fee Land .....

**LOGS FILED**

Driller's Log..... ✓  
 Electric Logs (No.) .....  
 ..... I..... Dual I Lat..... GR-N..... Micro.....  
 IC Sonic GR..... Lat..... Mi-L..... Sonic.....  
 JBLog..... CCLog..... Others.....

U. S. FEDERAL STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

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

2. NAME OF OPERATOR  
 G. S. Campbell, et al

3. ADDRESS OF OPERATOR  
 1412 Walker Bank Bldg., SLC, Utah 84111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface  
 1980 FNL 510 FEL  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 14 mi from Myton Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1980'  
 16. NO. OF ACRES IN LEASE 840

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1870'  
 19. PROPOSED DEPTH 5500'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5550' ungraded

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/4	8-5/8"	24#	124'
7-7/8	5-1/2	15.50#	5450'

10"-900 series Hydraulic Double Shaffer B. O. P. Chk every day of trip  
 Plan flocculated water to 4000'. Mud up light solids to TD  
 Expect: Spud Uinta surf.  
 Green River fm. 1520'  
 Douglas Crk mbr 4693-  
 Pay interval 4700-5200'?

5. LEASE DESIGNATION AND SERIAL NO.  
 U-096550

6. INDIAN, ALLOTTEE, OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Walton Fed #6

9. WELL NO.  
 #6

10. FIELD AND POOL, OR LOCAT  
 Monument State

11. SEC., T., R., MC OR BLK. AND SURVEY OR AREA  
 Sec 11: SENE  
 T9S-R26E S10

12. COUNTY OR PARISH, STATE  
 Duchesne Utah

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 80

20. ROTARY OR TABLE TOOLS  
 Rotary

22. APPROX. DATE WORK WILL START\*  
 30 June 1971

QUANTITY OF CEMENT  
 120 sks  
 200 sks

Vertical

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.

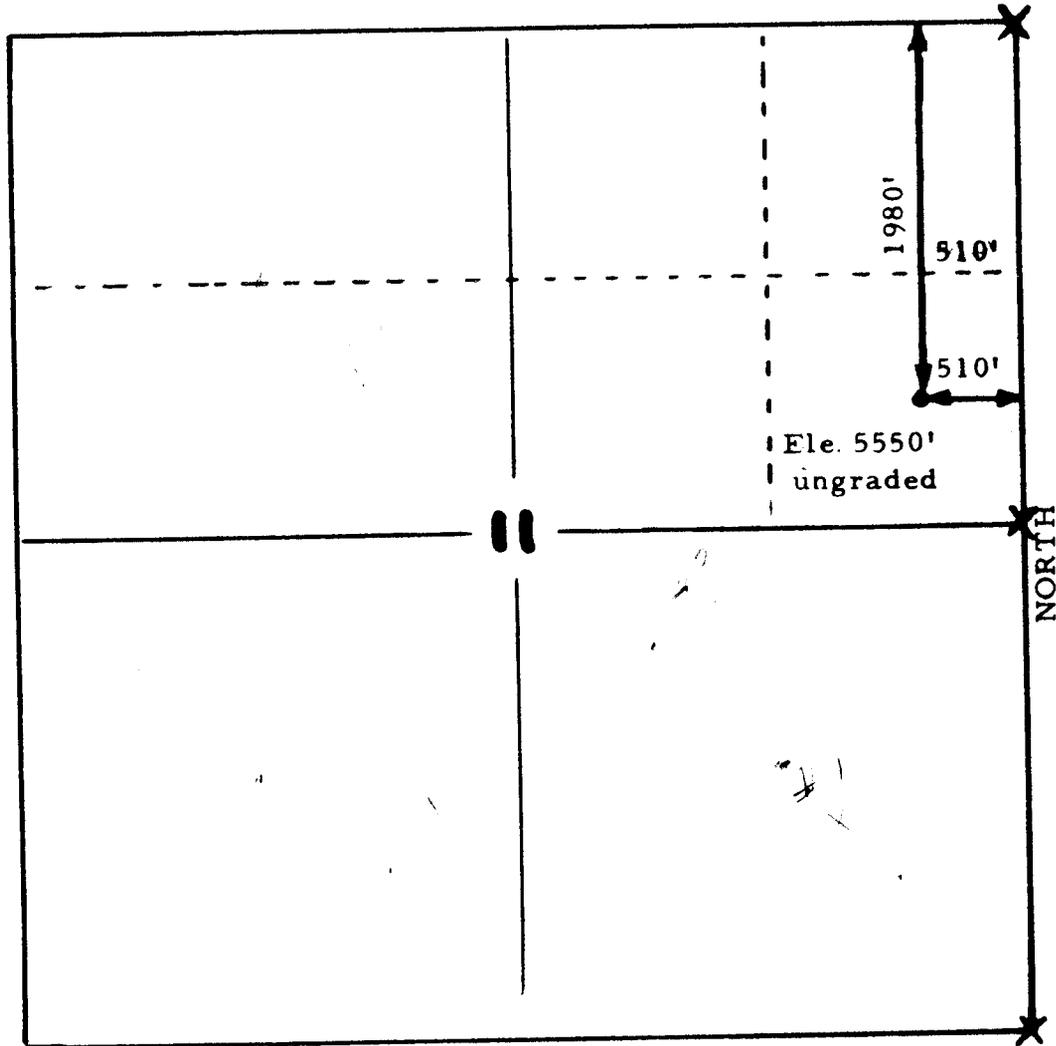
SIGNED G. S. Campbell TITLE Operator DATE 6 June 1971  
 (This space for Federal or State office use)

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

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



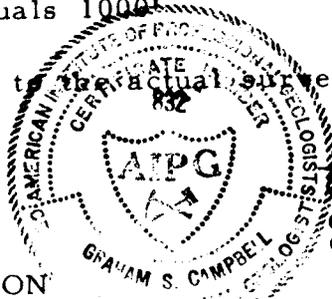
TWP 9 SOUTH- RNGE 16 EAST  
 SL B&M, DUCHFSNE CO., UTAH



Scale: 1" equals 1000'

X Brass caps found

This will certify to the actual survey and accuracy, to the best of my knowledge.



*Graham S. Campbell*  
 Geological Engineer  
 Certified Professional Geologist #832  
 Graham S. Campbell

WELL LOCATION  
 G. S. CAMPBELL, OPERATOR  
Walton Fed #6

1980' FNL 510' FEL Sec. 11, T9S-R16E, SLM  
 Duchesne County, Utah, Surveyed June 1, 1971

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

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

2. NAME OF OPERATOR  
 G. S. Campbell, et al

3. ADDRESS OF OPERATOR  
 1412 Walker Bank Bldg., SLC, Utah 84111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface  
 1980 FNL 510 FEL  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 14 mi from Myton Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
 (Also to nearest drlg. unit line, if any) 1980'

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 840

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 1870'

19. PROPOSED DEPTH  
 5500'

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 80

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5550' ungraded

22. APPROX. DATE WORK WILL START\*  
 10 June 1971

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	8-5/8"	24#	124'	120 sks
7-7/8	5-1/2	15.50#	5450'	200 sks

10"-900 series Hydraulic Double Shaffer B. O. P. Chk every day or trip  
 Plan flocculated water to 4000'. Mud up light solids to TD. May DST  
 Expect: Spud Uinta surf.  
 Green River fm. 1520'  
 Douglas Crk mbr 4693-  
 Pay interval 4700-5200'?

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.

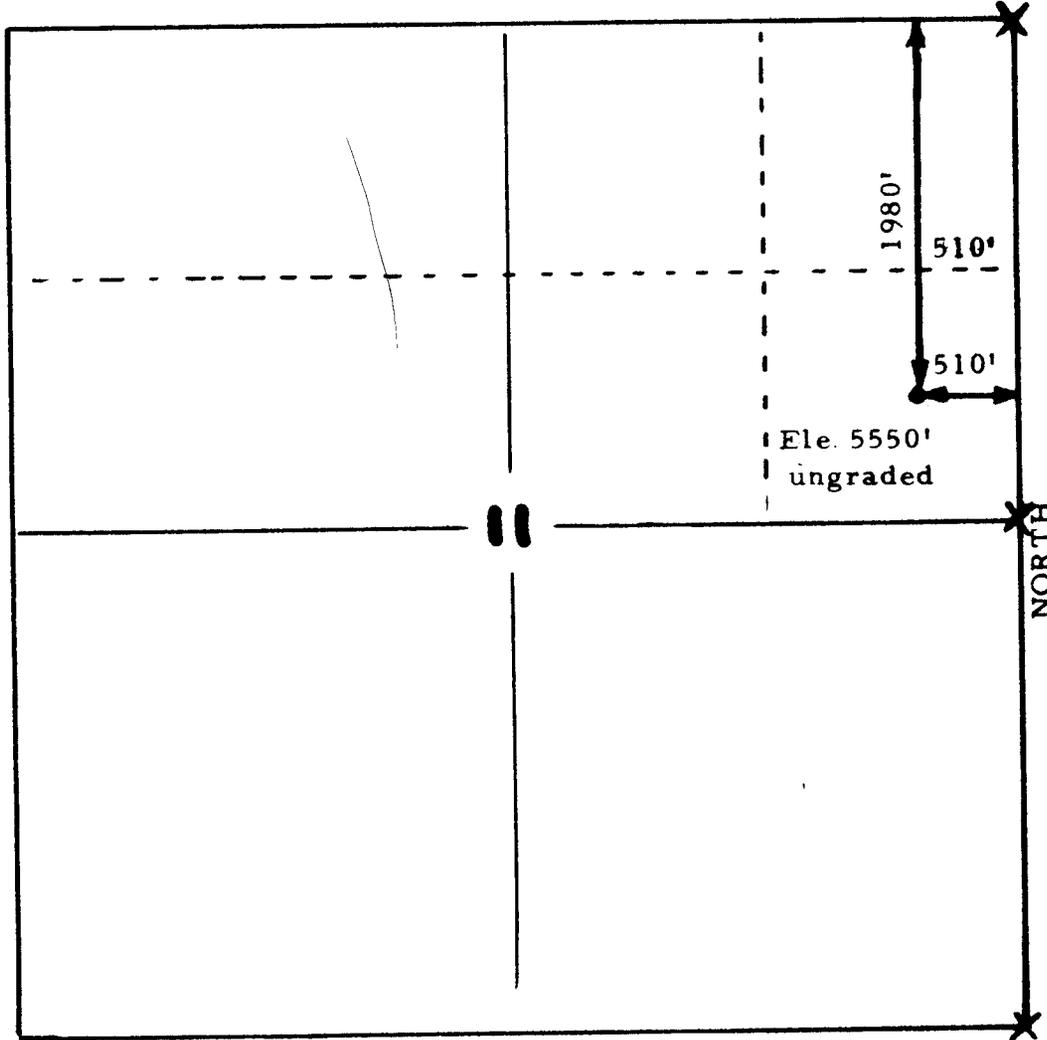
SIGNED G. S. Campbell TITLE Operator DATE 6 June 1971

(This space for Federal or State office use)

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

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

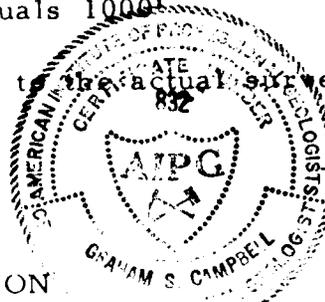
TWP 9 SOUTH- RNGE 16 EAST  
SL B&M, DUCHESNE CO., UTAH



Scale: 1" equals 1000'

X Brass caps found

This will certify to the actual survey and accuracy, to the best of my knowledge.



*Graham S. Campbell*  
Geological Engineer  
Certified Professional Geologist #832  
Graham S. Campbell

WELL LOCATION  
G. S. CAMPBELL, OPERATOR

Walton Fed #6

1980' FNL 510' FEL Sec. 11, T9S-R16E, SLM  
Duchesne County, Utah, Surveyed June 1, 1971

June 10, 1971

G.S. Campbell, et al  
1412 Walker Bank Building  
Salt Lake City, Utah 84111

Re: Walton Federal #6  
Sec. 11, T. 9 S, R. 16 E,  
Duchesne County, Utah

Dear Mr. Campbell:

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

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

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

This approval terminates within 90 days if the well has not been spudded-in within said period.

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

The API number assigned to this well is 43-013-30066.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

CBF:sd  
cc: U.S. Geological Survey

Branch of Oil and Gas Operations  
8416 Federal Building  
Salt Lake City, Utah 84111

June 10, 1971

Mr. Graham S. Campbell  
1412 Walker Bank Building  
Salt Lake City, Utah 84111

Re: Well No. 6, Walton-Federal  
SE $\frac{1}{4}$ NE $\frac{1}{4}$  Sec. 11-9S-16E, SLM  
Duchesne County, Utah  
Lease Utah 096550

Dear Mr. Campbell:

Enclosed is your copy of the Application for Permit to Drill the referenced well which was approved by this office on June 10, 1971.

Since the well is located in the area which shows promise for oil shale development and may also be valuable for sodium salts, this is to request that you run some type of porosity-density log other than the ordinary resistivity electric log. A Gamma-Sonic, Gamma-Density, or Gamma-Neutron are suggested. Such logs should include a caliper. The main zone of interest is from about 1750 to T.D.

Sincerely yours,

Gerald R. Daniels,  
District Engineer

cc: Casper  
Utah Div. O&G Cons. /

4

PMB

DIVISION OF OIL & GAS CONSERVATION  
DEPARTMENT OF NATURAL RESOURCES

PLUGGING PROGRAMS  
\*\*\*\*\*

NAME OF COMPANY: B. J. Campbell

WELL NAME: Dalton Federal #6

Sec. 11 Township 9S Range 16E County Dubuque

Verbal Approval Was Given to Plug the Above Mentioned Well in the Following Manner:

TD - 5310'

7 7/8" hole; 8 3/8" casing set at 140'

Top of Green River - 1500'

Plugs:

35 sacks top of Gr. River

140' up with 35 sacks

10 at surface

No shovs at all -

Date Approved: 6-20-71 (USGS) Signed: Scherer  
6-21-71

PZ JB

WELL REPORT

G. S. Campbell, et al (Operator)

Walton Federal #6

SE NE Sec. 11, T9S-R16E, S.L.M., Duchesne County, Utah

Elevation - 5563 K.B. 5550 Gr.

Contractor - Barker Drilling and Well Service, Vernal, Utah

Toolpusher, L. M. "Vern" Powers

Operator's Representative - G. S. Campbell, on location.

Attending Geologist - G. S. Campbell, on location.

Hydrocarbon Logging Contractor - Mills Engineering, Casper, Wyoming

Logging Engineer - Larry Mills

Mud and Mud Engineering - Banks Mud Co., Vernal, Utah

Water - Hauled by Contractor from canal 10.8 miles

Spud 6 June 1971

Completed - Finished hole 19th June 1971

Status - Plugged and abandoned 20 June 1971

Geologic Premise - The two best wells in Monument Butte Field,

diagonal 40 acre offsets, produce from a basal Green River sand which previous drilling has established as absent in 3 directions from the 2 wells. The fourth direction, north by all reasoning should encounter the sand. The five Monument Butte field pay sands are lenticular shore line and deltaic sands which, although erratic are virtually always present to some degree. This is an in-field well.

Drilling Resume - Drilled 12 1/4" surface hole, ran 140' 8 5/8" casing and drilled 7 7/8" hole to 5310' (T.D.). Used clear water (floculated) to approximately 4000' then low solids mud.

Mud Logging - On location and operating at 1900 feet. Logged mud stream, made one envelope (dry) set of samples.

Daily Drilling Log

DAILY DRILLING REPORT

Walton Federal #6

June 1, 1971 - Survey location

June 2 - 5, 1971 - Build roads, location, rig up



- June 6, 1971 - Spud 12 1/4" rat hole, mouse hole
- June 7, 1971 - Drilling 12 1/4" surface hole on bit #3 @ 100 feet. Deviation 1/4°
- June 8, 1971 - Wait on cement prep. to drill out. Nippled up, prep. to finish mouse hole. Finished 12 1/4" hole to 150 feet, K.B. Ran 4 joints 24 lb. 8 5/8" casing with guide shoe, one centralizer. Welded all joints and shoe. Landed at 140', K.B. Cemented with 2% CaCl with 105 sacks. Good circulation throughout. W.O.C. 5 hours. Welded bradenhead. Dev. 1/4° @ 140'.
- June 9, 1971 - Drilling 7 7/8" hole @ 1020' on bit #4 (DG). Pressured up BOP to 1000 psi O.K. Drilled out plug w/7 7/8" bit (#4). Drilled to 1020. Dev. 1°.
- June 10, 1971 - Drilling 7 7/8" hole @ 1852' on bit #5 (4JS) with clear water. Cumulative water hauled, 4,000 bbls. Mud logger on location rigging up.
- June 11, 1971 - Drilling at 2784' on bit #5. 3 hour drilling @ half rate with leaking mud line. Repaired.
- June 12, 1971 - Drilling at 3262 on bit #6 (Smith S-5). Bit 5 made 1455' 43 hours. Out @ 3057. Dev. 2°. 3 minor kicks on gas detector.
- June 13, 1971 - Drilling at 3782 on bit #6. Minor oil and gas show at 3645. Plan to mud up at 4500'.
- June 14, 1971 - Going in hole to test. Excellent show in sand 3965-82'. Fine grained porous sand. 200 gas units. Good blue fluorescence, fair cut but partly dead oil. Circulated oil on the pits. Call Johnston testers. Treated mud to bring viscosity to 45, prep. to test at total depth of 3999. Dev. 1°.



June 15, 1971 - Drilling on bit #6 @ 4130 feet.  
 Developed hole in drill string just before test.  
 Came out. Found hole. Reverse sub in test tool  
 also ruptured through differential coming out of  
 hole. Went back to test.

D.S.T. #1 3968 - 99 (31')  
 Initial Open 15 min. very slight blow increasing  
 Initial Shut In 30 min.  
 Final Open 1 hr. very slight blow, increasing  
 throughout to light blow (4 1/2" in  
 bucket)  
 Final Shut In 1 hr.

Pressures:

Initial hydrostatic	1795 psi
Initial flow	6 to 9 psi
Initial shut in press.	1542 psi
Final flow	9 to 146 psi
Final shut in	1542 psi
Final hydrostatic	1783 psi

Recovered 150' formation water and drilling water  
 slightly oil flocked. No gas.

Comments: This sand is several hundred feet above the producing  
 sands of the Monument Butte field and would have been  
 a discovery. The show was too encouraging not to risk  
 the cost of a thorough test. The net added cost is  
 about \$2500.

The test results were negative and although the sand has  
 thickness, porosity, hydrocarbons, the oil is apparently  
 too dead to move. The electric logs may reveal other  
 characteristics.

June 16, 1971 - Drilling @ 4390' on bit #7 (4JS). Dev. @ 4240 -10'.  
 Bit 6 made 1183' - 60 3/4 hrs. Lag surf. to surf.  
 40 min. Mud-water 8.8 Vis. 32.

June 17, 1971 - Drilling on bit #7 @ 4680. No significant shows.

June 18, 1971 - Drilling @ 4964 on bit #8 (M4LJ). Excellent oil  
show 4726-32. 140 units on detector. Good fluor.  
 and cut in C Cl<sub>4</sub>. Drilling rate 40% of normal.



June 18 - (cont.)

Fine grained sand. Too thin to D.S.T. but will re-evaluate with Electric Logs. Minor show 4790-94 with hard core. Same oil ss as 4726 but thinner. Running 40000# on bit 50 RPM, 1000 psi pmp. Mud 9.7 vis. 36. Bit 7 made 684' 48 hrs. Dev. 4924 !°. Sample top of Douglas Creek member of Green River formation 4690'.

June 19, 1971 - Drilling on bit 9 (s-88). Minor show in oil ss @ 4975-77 and 5127-29. Too thin. Good show in oil ss @ 5180-88 (10 feet high)-marginal. High gas kick. Poor to med. fluorescence and porosity.

June 20, 1971 - Laying down drill pipe, prep. to plug.

Show in oil sand 5180-88'. Fair drilling break, 140 gas units, fair to poor saturation, fluorescence and cut. Locks dead. Slight porosity. Main basal sand is shaly hard-tight, siltstone; undeveloped. Mud 9.2 V 40. Raised vis. to 42 prep. to log. T.D. 5307 (driller) 5:30 p.m. June 19, 1971. Ran Schlumberger, I.E.S., and BHC-GR logs. Evaluated all sands. Two main objectives not developed. Sands at 4790 and 4726 good but too thin. Sand at 3965 using resistivity of formation water recovered, calculated water wet. Called U.S.G.S. 2:00 a.m. 20th for approval to plug. Got O.K.

#### Set plugs

35 sacks (100')	1540 -	1440
35 sacks (100')	140 -	40
5 sacks	at surface	

Released rig 1:00 p.m. June 20, 1971.



Shows - See geologist's and Mud logger's logs and/or report  
3965-78 Garden Gulch member of Green River Formation.  
See D.S.T. #1 for details.

Logs calculate water wet.

4725-31 Douglas Creek member - Too thin

4790-94 Douglas Creek member - Too thin

5180-88 Douglas Creek member - Too tight (basal sand)

D.S.T. 3965-99' see daily drilling report

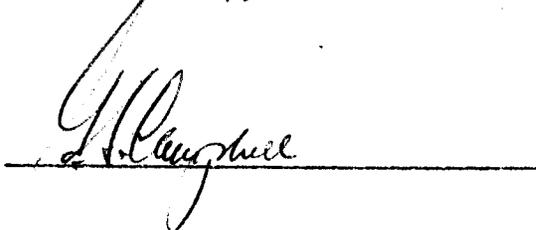
Sample Program - Caught 30' samples to 2000, 20' samples to  
3500', and 10' samples to T.D. One bagged set and  
one dry cut. Dry cut placed in Utah Geological Survey  
depository.

Electric Logs - Ran Schlumberger Induction Electric and Gamma  
Ray Sonic with Calipre from T.D. to surface.

Plugging - Set 35 sack plug 1540' - 1440' and 35 sack plug  
140' - 40' and 5 sacks at surface.

Conclusions - The two main objectives at 5010' and 5190' are  
not developed and would not produce. Sands at 4790'  
and 4726' would produce but insufficient to warrant  
cost to complete. The 3965' sand which was drill  
stem tested, calculated water wet using resistivity  
(3500 ppm) from water recovered on test.

Submitted by,

  
\_\_\_\_\_

GSC:gb



List of Specialized Records or Reports

Contractor's Daily Drilling Log by 1/4 hours -  
Available from Operator or Contractor

Hydrocarbon Logger's Strip Log -  
Attached  
Available from Operator or Mills Engineering Co.

Geologic Strip Log  
Attached  
Available from Operator

Electric Logs  
Attached  
Available from Operator  
Released for sale to Log Service Company  
Available @ U.S.G.S.  
Available @ Utah Oil and Gas Conservation Office

Samples - Dry cut available to public at  
University of Utah in Utah Geologic Survey  
Well Cutting Depository

D.S.T. - Reports  
Attached  
Available from Operator or Johnston Well Testers,  
a Division of Baroid, Inc.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
**U-096550**

**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. <b>Abandonment</b> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR <b>G. S. CAMPBELL, ET AL</b>		8. FARM OR LEASE NAME <b>Walton-Fed. #6</b>
3. ADDRESS OF OPERATOR <b>1412 WALKER BNK BLDG., SLC, UTAH 84111</b>		9. WELL NO. <b>6</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) <b>1980' FNL, 510' FEL Sec 11</b>		10. FIELD AND POOL, OR WILDCAT <b>Monument Butte</b>
14. PERMIT NO.		11. SEC., T., R., M. OR BLM. AND SURVEY OR AREA <b>Sec 11, T9S-R16E, SLM</b>
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5560'KB 5548'Gr.</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) <input type="checkbox"/>	

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

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

See attached well report for details.

Tops Uinta Surf  
 Green River Fm. 1508'  
 Horse Bench mrkr 2246'  
 Oil Sh. Series 2500'  
 Douglas Crk Mbr. 4688'  
 T. D. 5310'

Set plugs: (with USGS approval)

35 sks in 7-7/8" hole 1540-1440  
 35 sks in 8-5/8" csg. 140-40  
 5 sks in surface.

Spud 6 June, '71 P&A 20 June '71. Set dry hole mrkr. 1 July, 1971

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

SIGNED G. S. Campbell

TITLE Opr. Engr.

DATE 8 July 1971

(This space for Federal or state office use)

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

TITLE \_\_\_\_\_ DATE \_\_\_\_\_

FORM OGC-8-X .

FILE IN QUADRUPLICATE

STATE OF UTAH  
 DEPARTMENT OF NATURAL RESOURCES  
 DIVISION OF OIL & GAS CONSERVATION  
 1588 West North Temple  
 Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number WALTON FED. #6

Operator G.S. CAMPBELL ET AL Address 1412 Walkr Bk Bg Phone 355-8256  
SLC, UT 84111

Contractor Barker Drlg. Co. Address Vernal, Ut. Phone \_\_\_\_\_

Location SE 1/4 NE 1/4 Sec. 11 T. 9 S N R. 16E E Duchesne County, Utah  
 S W

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1. <u>2850-2890</u>		<u>Total mud volume incr 140 bbs;</u>	<u>sli brksh</u>
2. <u>no more</u>			
3. _____			
4. _____			
5. _____			

(Continue on reverse side if necessary)

Formation Tops:

Uinta	Surface		
Green River Fm.	1508'	Oil Sh. Series	2500
Hrs Bnch mbr	2246	Douglas Crk mbr	4688
			TD 5310

Remarks:

- NOTE:
- (a) Upon diminishing supply forms, please inform this office.
  - (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).
  - (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

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

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

Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

**CONFIDENTIAL**

5. LEASE DESIGNATION AND SERIAL NO. <b>U-096550</b>	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>n/a</b>	
7. UNIT AGREEMENT NAME <b>Jonah Unit</b>	
8. FARM OR LEASE NAME <b>Balcron Monument Federal</b>	
9. WELL NO. <b>#42-11J</b>	
10. FIELD AND POOL, OR WILDCAT <b>Monument Butte/Green River</b>	
11. SEC., T., R., M., OR BLK. AND SURVEY OR ABBA <b>Sec. 11, T9S, R16E</b>	
12. COUNTY OR PARISH <b>Duchesne</b>	13. STATE <b>UTAH</b>

**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  
**SE NE Sec. 11, T9S, R16E                      1991.5' FNL, 495.6' FEL**  
 At proposed prod. zone

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

16. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)  
 17. 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  
**5,307'**  
 20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**GL 5554.2'**  
 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			

See attached listing of EXHIBITS.

This is a *Reentry* ~~WASHDOWN~~ of the former Walton Federal #6.

**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 APPROVED BY THE *OST* DATE *March 25, 1994*

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE *3-2-94*

APPROVED BY \_\_\_\_\_ BY: *JRT* TITLE Well Spacing R 649-2-3

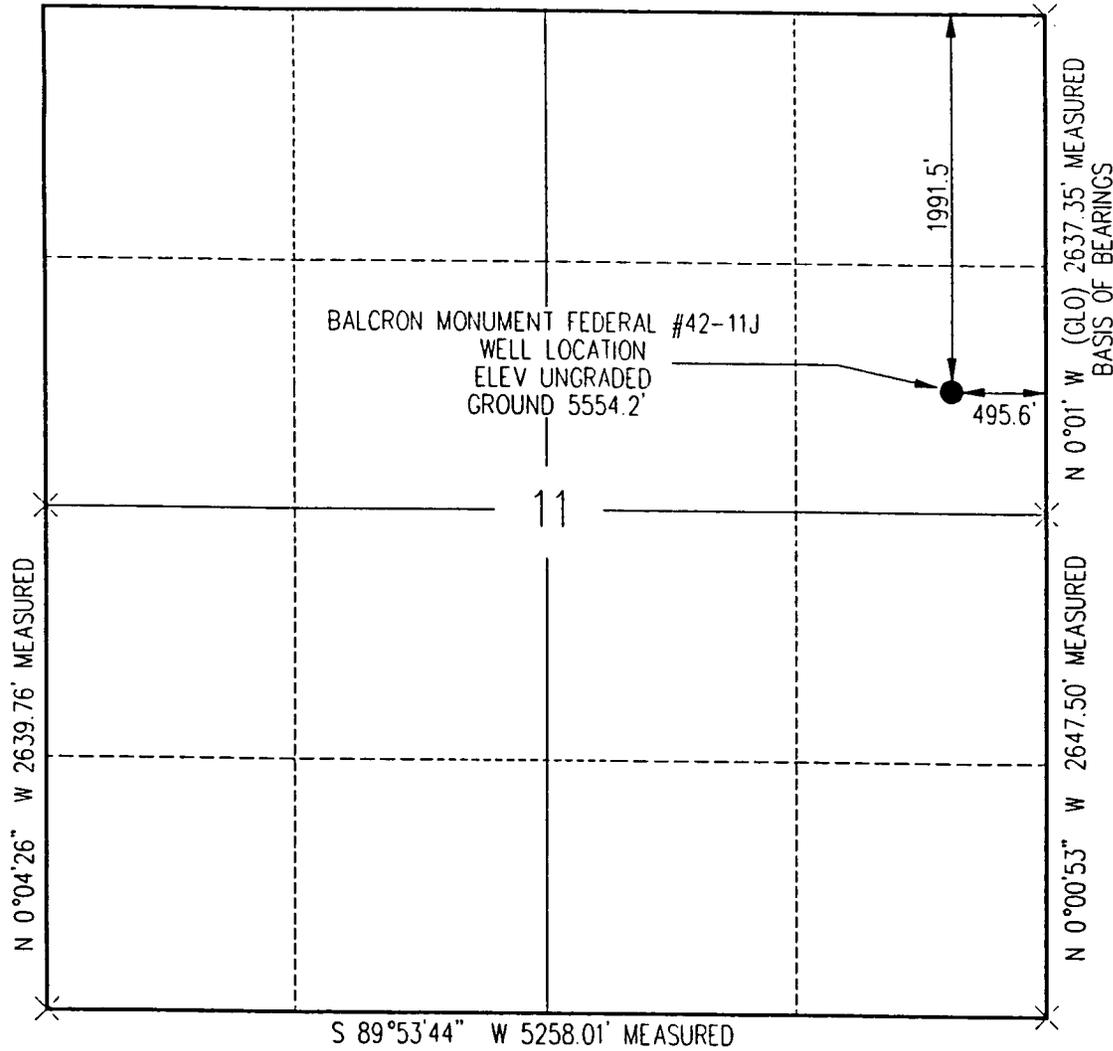
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

EXHIBIT "K"

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

S 89°56' W (GLO)



BALCRON MONUMENT FEDERAL #42-11J  
WELL LOCATION  
ELEV UNGRADED  
GROUND 5554.2'

11

1991.5'

495.6'

N 0°01' W (GLO) 2637.35' MEASURED  
BASIS OF BEARINGS

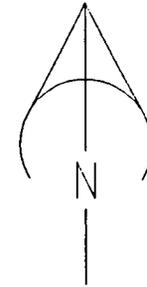
N 0°00'53" W 2647.50' MEASURED

S 89°53'44" W 5258.01' MEASURED

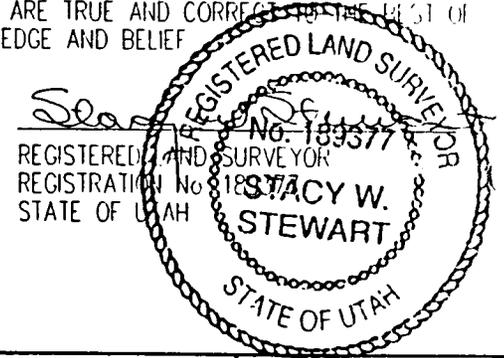
X = SECTION CORNERS LOCATED  
BASIS OF BEARINGS; G.L.O. PLAT 1911  
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON MONUMENT FEDERAL #42-11J, LOCATED AS SHOWN IN THE SE 1/4 NE 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



WEATHER: STORMY & COLD!
DATE: 2/10/94
SCALE: 1" = 1000'
SURVEYED BY: SS CB
FILE: MF 42-11J



# **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 WASHDOWN WELLS:

- A PROPOSED DRILLING PROGRAM
- B PROPOSED SURFACE USE PROGRAM
- C GEOLOGIC PROGNOSIS
- D DRILLING PROGRAM/CASING DESIGN/WELLBORE DIAGRAM
- E HAZMAT DECLARATION
- F EXISTING & PLANNED ACCESS ROADS (MAPS A & B)
- G WELLSITE LAYOUT
- H BOPE SCHEMATIC
- I EXISTING ROADS (MAP C)
- J PROPOSED PRODUCTION FACILITY DIAGRAM
- K SURVEY PLAT
- L LAYOUT/CUT & FILL DIAGRAM

3/22/94

EQUITABLE RESOURCES ENERGY COMPANY  
Balcron Oil Division  
Balcron Federal #42-11J (WASHDOWN)  
SE NE 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. EXHIBIT "H" is a schematic of the BOP equipment and choke manifold. A 2M system will be used. The blind rams and pipe rams will be tested to 1500 psi. Pipe rams will be operationally checked each 24-hour period and blind rams each time pipe is pulled out of the hole.

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 open the hydraulically-controlled choke valve lines (if so equipped), 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 washdown of this well.

d. An upper kelly cock will be used during the washdown of this well.

e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.

f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

a. Surface casing has been set. It will be necessary to rebuild the existing casing back up to GL before welding on the casing head.

b. All potentially productive hydrocarbon zones will be isolated.

- c. Casing designs are based on factors of burst: 1.25, collapse: 1.125, and joint strength: 1.8.
- d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).
- e. For details of casing, cement program, and proposed mud program, see the following attachment:

Drilling Program/Casing Design/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 in 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 #42-11J (WASHDOWN)  
SE NE Section 11, T9S, R16E  
Duchesne County, Utah

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

1. EXISTING ROADS:

- a. This wellsite is 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 to a road intersection. Turn left and proceed 1.1 miles to a road intersection, turn left and continue 0.2 miles to a road intersection, turn left and proceed 0.9 miles to location which is the northwest 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 washdown 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 "I" Map C.

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

- a. Existing: See Map C (EXHIBIT "I")
- 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 "J".
- 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 washdown 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 the washdown. 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 cement cuttings will be collected in a reserve 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. The reserve pit will be constructed so as not to leak, break, or allow discharge. The reserve pit will be lined with a plastic reinforced liner. The liner will be torn and perforated after the pit dries and before backfilling of the reserve pit.
- 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 reserve 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 reserve 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.

8. ANCILLARY FACILITIES:

None anticipated.

9. LOCATION SITE LAYOUT:

- a. The proposed location site and elevation plat is shown on EXHIBIT "K".
- b. The drill pad layout, showing elevations, orientation, and access to the pad is shown on EXHIBIT "L".
- c. EXHIBIT "G" shows the rig layout. No permanent living facilities are planned. There will be two or three trailers on location during drilling operations.
- d. The drilling rig will be moved off after production casing has been run and a completion rig will be used to complete the well.
- e. EXHIBIT "J" shows the proposed production facility layout.
- f. The reserve pit will be constructed so as to be capable of holding 5400 bbls of fluid.
- g. Due to the lack of existing topsoil, there will be no stockpiled topsoil stored on location because there is no existing topsoil.
- h. Access to the wellpad will be from the southeast near corner #8.
- i. Corner #4 will be rounded off to avoid excess fill.
- j. All pits will be fenced according to the following minimum standards:
  - a. 39-inch net wire will be used with at least one strand of barbed wire on top of the net wire unless pipe or some type of reinforcement rod is attached to the top of the entire fence.
  - b. The net wire shall be no more than 2 inches above the ground. If barbed wire it shall be 3 inches above the net wire. Total height of fence will be at least 42 inches.

- c. Corner posts will be cemented and/or braced in such a manner to keep the fence tight at all times. Standard steel, wood, or pipe posts will be used between the cornerbraces. Maximum distance between any two posts will be no greater than 16'.
- d. All wire will be stretched before it is attached to the corner posts.

The reserve pit will be fenced on three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until clean-up.

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

3/18/94  
/rs



EXHIBIT "D"  
Page 1 of 4

Equitable Resources Energy Company  
Balcron Oil Division  
WASH DOWN PROGRAM

WELL NAME: Balcron Monument Fed. #42-11J PROSPECT/FIELD: Jonah Unit  
LOCATION: SE NE Sec.11 Twn.9S Rge.16E  
COUNTY: Duchesne STATE: Utah

TOTAL DEPTH: 5310'

**HOLE SIZE INTERVAL**

7 7/8" Wash down from surface to 5310' in old abandoned well bore.

CASING	INTERVAL		CASING		
STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface (Existing)	0	282'	KB 8 5/8"	24 #/ft	J-55
Production	0	5310	5 1/2"	15.50#/ft	K-55 ( All casing will be ST&C, 8Rd, New)

**CEMENT PROGRAM**

Surface Already cemented with 190 sacks.

Production 200 sacks (97:3) Poz (base G) with 4.0% Thrifty Lite, 3.0% salt, 3.0 #/sk CSE, 1/4 #/sk Cello-seal. (yield = 3.56 Cu.ft/sk. Weight = 11.01 ppg) Tailed with 250 sacks (50:50) POZ (base G) with 2.0% gel, 10% salt, 1/4 #/sk Cello-seal. (yield = 1.29 Cu.ft/sk. Weight = 14.39 ppg)

Note: Actual cement volumes will be calculated off of caliper log. Cement top will be 2000'

**PRELIMINARY DRILLING FLUID PROGRAM**

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
2% KCl water/Gel	0	TD	9.0	NA	NA

**COMMENTS** This well will be a wash down of an existing dryhole. The original well name was:

G.S. Campbell, Et al  
Walton Federal #6

Balcron Oil  
Balcron Monument Federal #42-11J  
SE NE Sec.11 Twn.9S Rge.16E  
Duchesne County, Utah

Wash down procedure

- 1.) Remove dry hole marker. Weld extention joint onto 8 5/8" casing to get casing back to ground level. Weld on casing head.
- 2.) Rebuild access road. Remove and stock pile top soil. Build location.
- 3.) Move in and rig up drilling rig. Test BOP equipment.
- 4.) Drill out surface casing plug.
- 5.) Drill out cement plugs. Wash and ream old hole down to original total depth. (5310)
- 6.) Condition hole. Run LDT/CNL/GR.
- 7.) Laydown drill pipe. Run and cement 5 1/2" casing.
- 8.) Rig down and move off drilling rig.

----- Completion Procedure

- 1.) Clean off location. Set rig anchors. Install tubing head.
- 2.) Move in completion rig and rig up.
- 3.) Pick up bit and scraper. Trip in hole to PBTD. Displace casing with clean 2% KCl water. Trip out
- 4.) Rig up wireline truck. Run CBL/VDL/GR/CCL and perforate zones of interest.
- 5.) Break down and frac each zone. Swab back frac load and evaluate.
- 6.) Run production equipment. Build tank battery. Set pumping unit.

BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: Monument Fed. 42-11J
Project ID: 690602U0101A	Location: Duchesne, Utah

Design Parameters:

Mud weight ( 8.50 ppg) : 0.442 psi/ft  
 Shut in surface pressure : 0 psi  
 Internal gradient (burst) : 0.442 psi/ft  
 Annular gradient (burst) : 0.000 psi/ft  
 Tensile load is determined using air weight  
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125  
 Burst : 1.00  
 8 Round : 1.80 (J)  
 Buttress : 1.60 (J)  
 Body Yield : 1.50 (B)  
 Overpull : 0 lbs.

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost		
1	5,300	5-1/2"	15.50	K-55	ST&C	5,300	4.825		
	Collapse Load (psi)	Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	2340	4040	1.726	2340	4810	2.06	82.15	222	2.70 J

Prepared by : McCoskery, Billings, MT  
 Date : 01-27-1994  
 Remarks :

Wash down Job.

Minimum segment length for the 5,300 foot well is 1,500 feet.

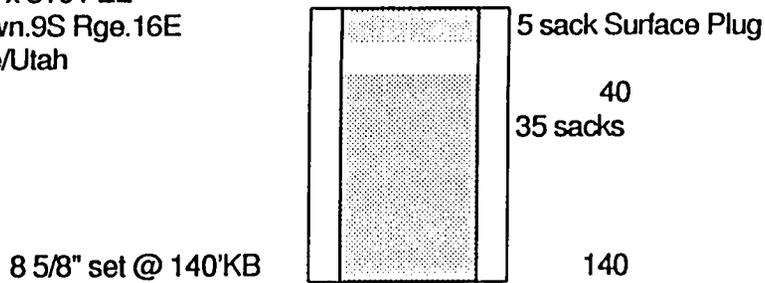
The mud gradient and bottom hole pressures (for burst) are 0.442 psi/ft and 2,340 psi, respectively.

**NOTE:** The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1990 pricing model. (Version 1.0G)

G.S. Campbell, Et Al  
Walton Federal #6  
1980'FNL x 510'FEL  
Sec.11 Twn.9S Rge.16E  
Duchesne/Utah

KB=5560  
GL=5548

Balcron Monument Federal #42-11J  
Re-Entry



Spud Date: June 6, 1971

P&A Date: June 20, 1971

7 7/8"  
Bit Size

1440

35 sacks

1540

TD=5310

EXHIBIT E

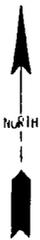
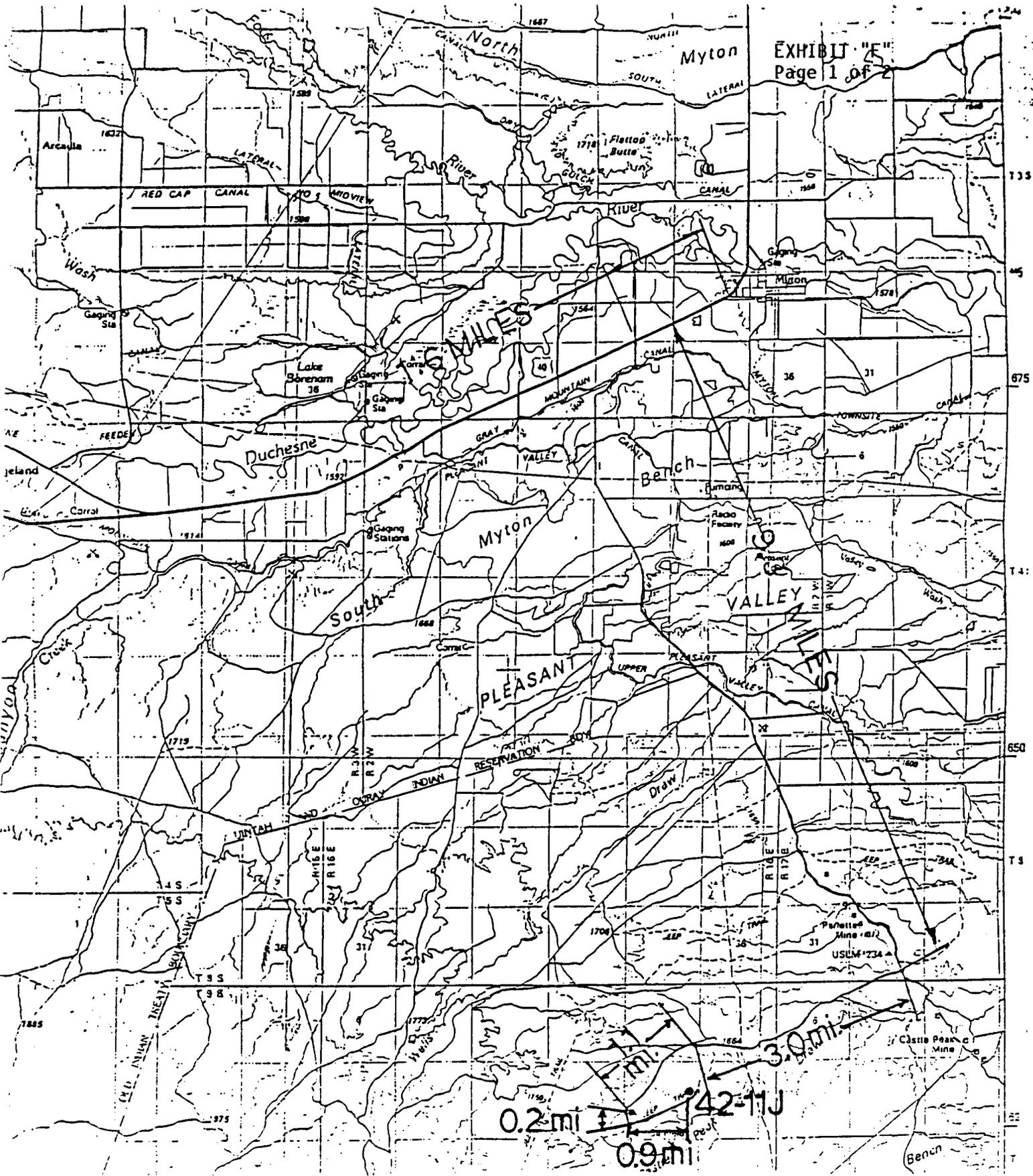
- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

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 #42-11J  
MAP "A"

TRI-STATE  
LAND SURVEYING, INC.  
38 WEST 200 NORTH, VERMILION, UTAH 84055  
801-781-2501





UNION DRILLING RIG #17

Hex Kelly

Rotating Head

Adj. Choke

Air Bowl

7" Flowline

#3000  
Blind Ram. Pipe Ram

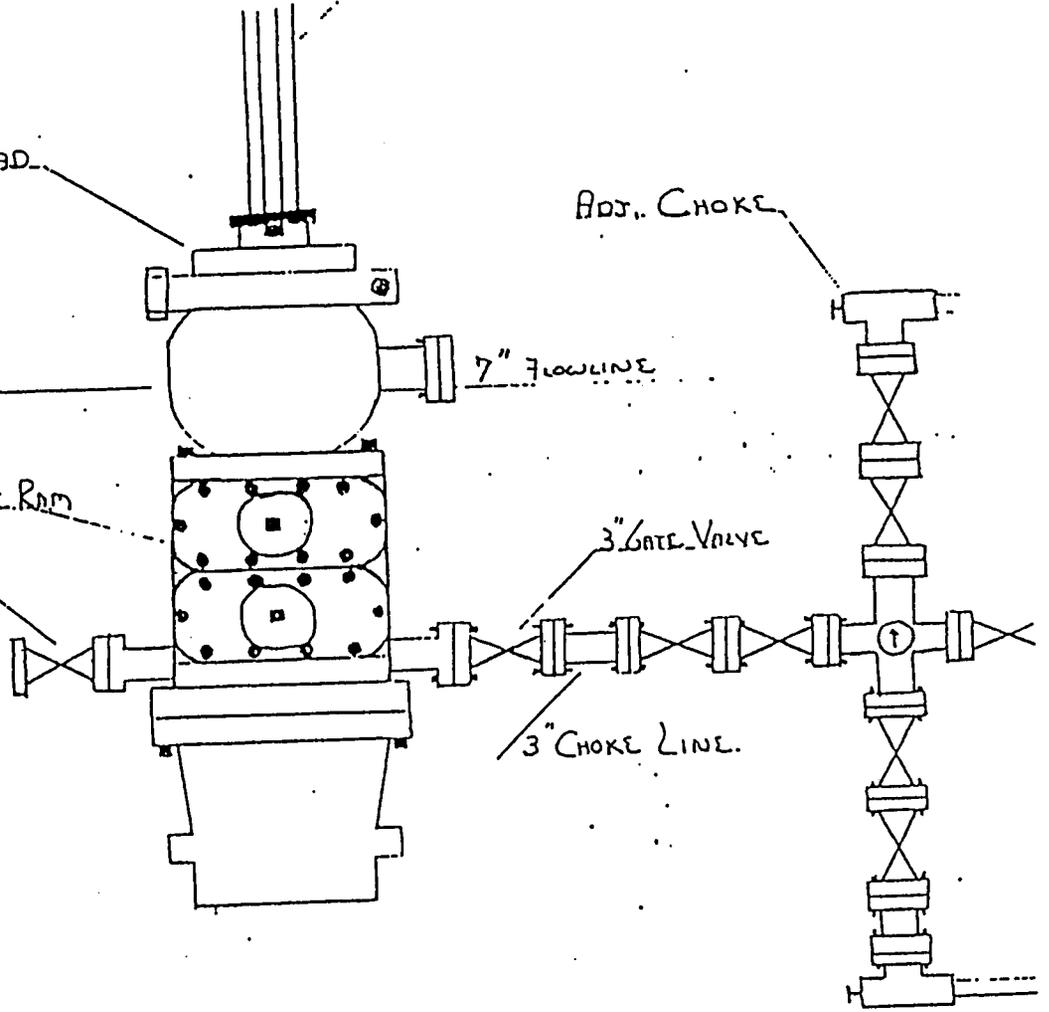
3" Gate Valve

3" Gate Valve

3" Choke Line

Adj. Choke

#3000 Stack

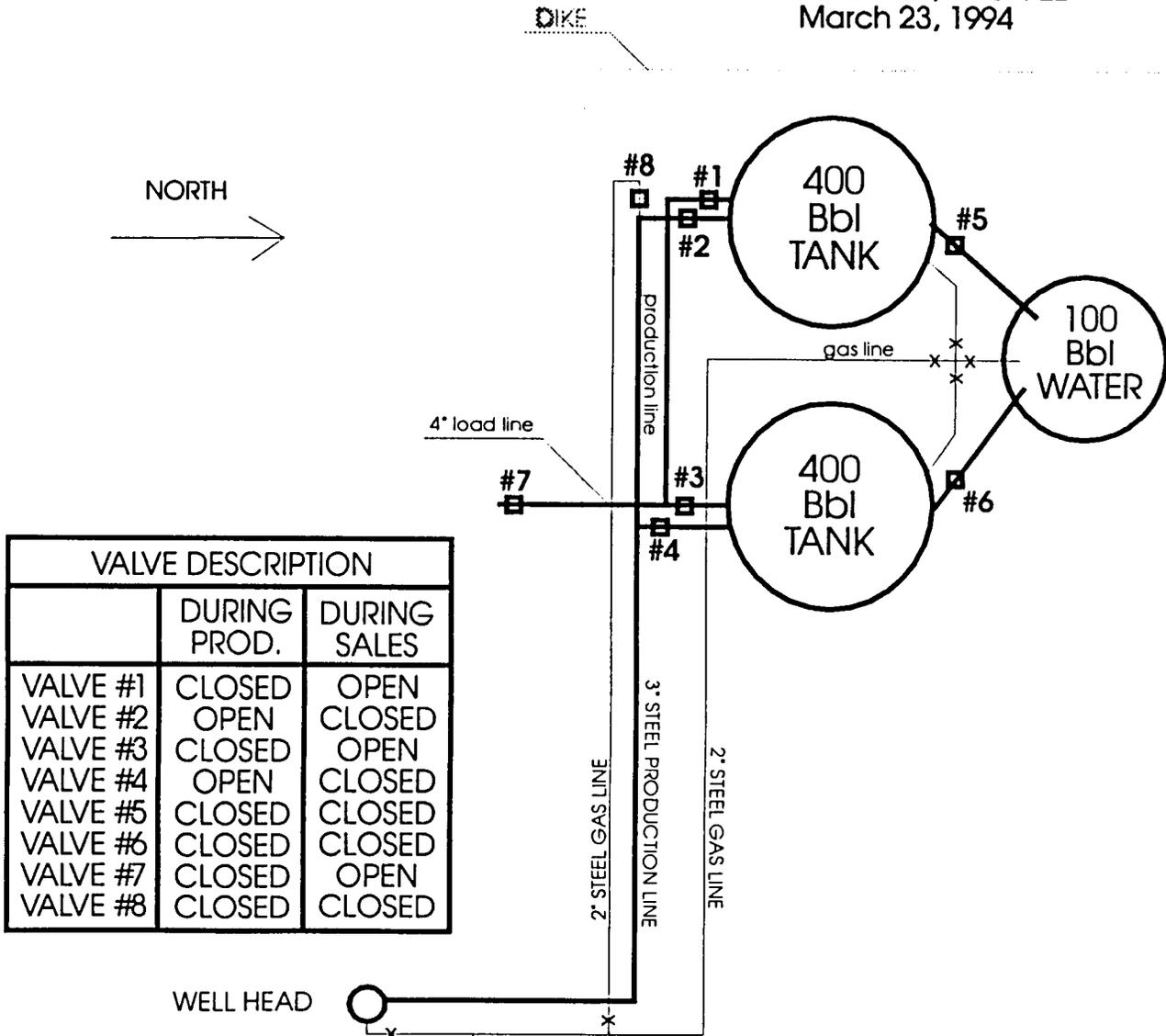




Equitable Resources Energy Company  
 Balcron Monument Federal 42-11J  
 Proposed Production Facility Diagram

EXHIBIT "J"

Balcron Monument Federal 42-11J  
 SE NE Sec. 11, T9S, R16E  
 (formerly Walton Federal 6)  
 Duchesne County, Utah  
 Federal Lease #U-096550  
 1991' FNL, 496' FEL  
 March 23, 1994



VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	OPEN
VALVE #4	OPEN	CLOSED
VALVE #5	CLOSED	CLOSED
VALVE #6	CLOSED	CLOSED
VALVE #7	CLOSED	OPEN
VALVE #8	CLOSED	CLOSED

DIAGRAM NOT TO SCALE

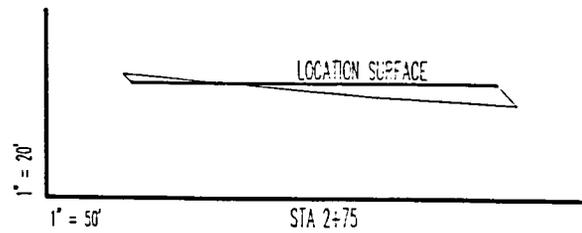
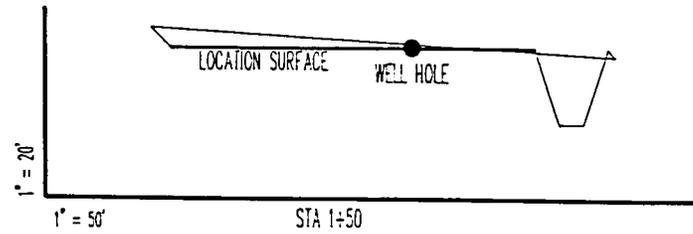
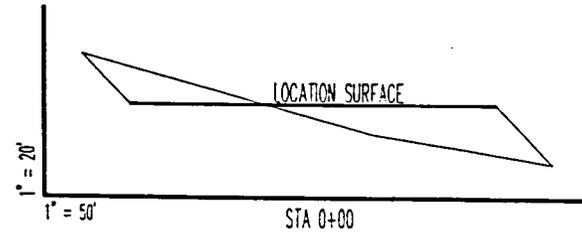
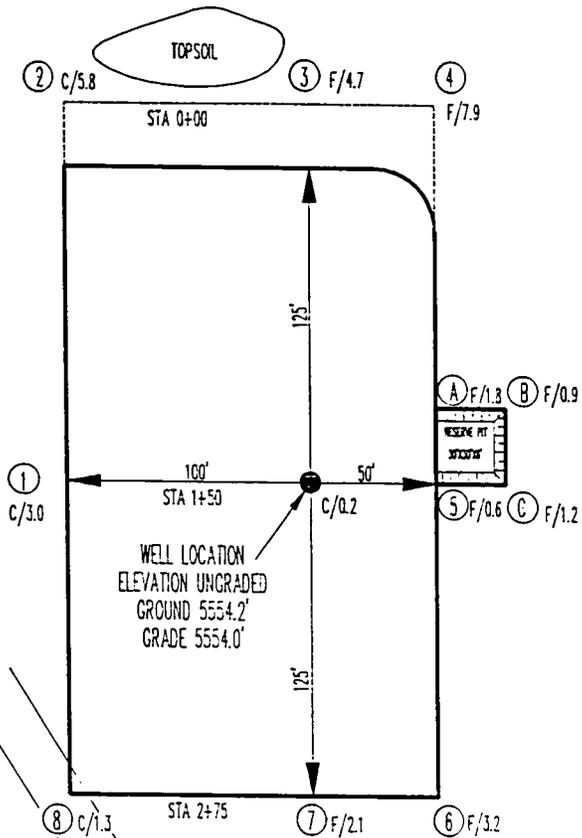


**EQUITABLE RESOURCES  
 ENERGY COMPANY**  
 BALCRON OIL DIVISION

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

ACCESS ROAD

EQUITABLE RESOURCES ENERGY CO.  
BALCRON MONUMENT FEDERAL #42-11J



APPROXIMATE YARDAGE

OUT = 1507' @ 1/2" = 1" scale  
 FILL = 1428' @ 1/2" = 1" scale

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

EXHIBIT "L"

FIGURE 42-11J

APD RECEIVED: 03/28/94

API NO. ASSIGNED: 43-013-30066

WELL NAME: MONUMENT FED. 42-11J RE-ENTRY  
 OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:  
 SENE 11 - T09S - R16E  
 SURFACE: 1991-FNL-0495-FEL  
 BOTTOM: 1991-FNL-0495-FEL  
 DUCHESNE COUNTY  
 MONUMENT BUTTE FIELD (105)

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

LEASE TYPE: FED  
 LEASE NUMBER: U-096550

RECEIVED AND/OR REVIEWED:

Plat  
 Bond: Federal  State  Fee   
 (Number 5547188)

Potash (Y/N)  
 Oil shale (Y/N)  
 Water permit  
 (Number JOE SHIELDS)

RDCC Review (Y/N)  
 (Date: \_\_\_\_\_)

LOCATION AND SITING:

R649-2-3. Unit: UTU72086A

R649-3-2. General.

R649-3-3. Exception.

Drilling Unit.  
 Board Cause no: \_\_\_\_\_  
 Date: \_\_\_\_\_

COMMENTS: Reentry of Walton Fed #6 well:  
 Well location was resurveyed.

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

CONFIDENTIAL  
 PERIOD  
 EXPIRED  
 ON 9-1-95



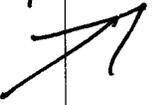
EQUITABLE RESOURCE ENERGY Co

BMF # 42-11J

43-013-30066

SEC 11; T9S; 16E POW

NORTH



42,381 50 SHEETS 5 SQUARE  
42,382 200 SHEETS 5 SQUARE  
42,383 200 SHEETS 5 SQUARE  
NATIONAL

OLD  
PTA  
WELL  
RE-ENTRY  
8/23/94

BERM  
AREA

2-400 oil TANKS  
w/ BURNERS

2" Drain  
LINES

PIT

1-130 PIT TANK

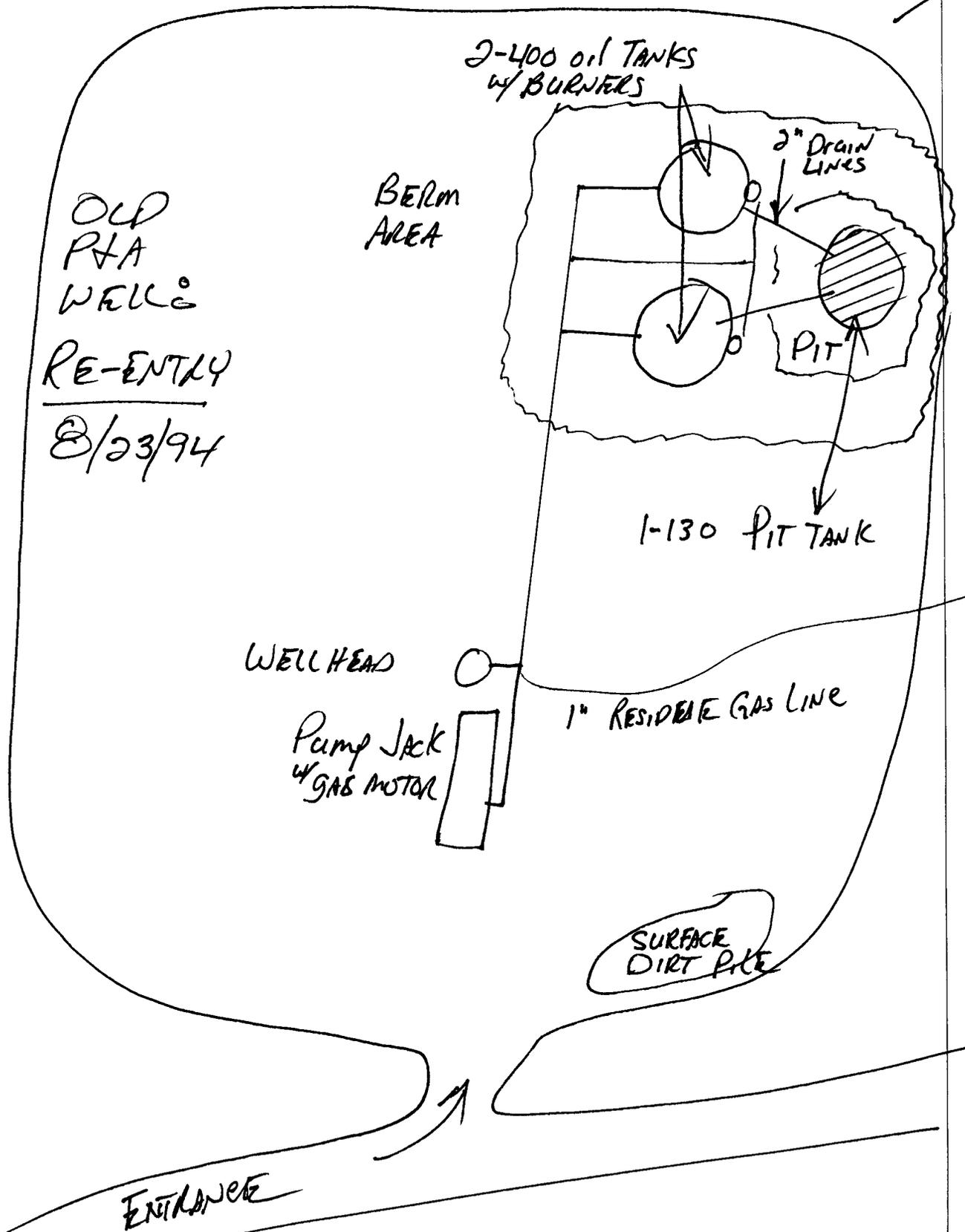
WELL HEAD

Pump Jack  
w/ GAS MOTOR

1" RESIDUAL GAS LINE

SURFACE  
DIRT PILE

ENTRANCE





**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 2, 1994

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

Re: Balcron Monument Federal #42-11J Well (formerly Walton Federal #6), 1991' FNL, 495' FEL, SE NE, 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 #42-11J Well  
May 2, 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 43-013-30066.

Sincerely,



R.J. Firth  
Associate Director

ldc  
Enclosures  
cc: Duchesne County Assessor  
Bureau of Land Management, Vernal District Office  
WOI1

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK			5. Lease Designation and Serial No. <b>Federal # U-096550</b>	
Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			6. If Indian, Allottee or Tribe Name n/a	
Type of Well Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <u>Reentry</u> Single Zone <input type="checkbox"/> Multiple Zone <input type="checkbox"/>			7. Unit Agreement Name <b>Jonah Unit</b>	
Name of Operator <b>Equitable Resources Energy Company, Balcron Oil Division</b>			8. Farm or Lease Name <b>Balcron Monument Federal</b>	
Address of Operator <b>P.O. Box 21017; Billings, MT 59104</b>			9. Well No. <b>#42-11J</b>	
Location of Well (Report location clearly and in accordance with any State requirements.)* At surface <b>1991.5' FNL, 495.6' FEL</b> At proposed prod. zone			10. Field and Pool, or Wildcat <b>Monument Butte/Green River</b>	
Distance in miles and direction from nearest town or post office* <b>From Myton, Utah, approximately 16 miles southwest.</b>			11. CO. Sec., T., R., N., or S., and Survey or Area <b>SE NE Sec. 11, T9S, R16E</b>	
12. County or Parish		13. State		
		<b>UTAH</b>		
14. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. line, if any)		15. No. of acres in lease		17. No. of acres assigned to this well
16. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.		19. Proposed depth <b>5,307'</b>		20. Rotary or cable tools <b>Rotary</b>
Elevations (Show whether DF, RT, GR, etc.) <b>GL 5554.2'</b>		22. Approx. date work will start* <b>April 15, 1994</b>		
<b>PROPOSED CASING AND CEMENTING PROGRAM</b>				
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)

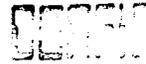
API NO. 43-013-30066 Approval Date \_\_\_\_\_

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

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

UTAH DIVISION OF OIL, GAS, AND MINING  
572-94  
R. Matthews  
SPACING: R649-2-3

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



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

SE NE Sec. 11, T9S, R16E      1991.5' FNL, 495.6' FEL

At proposed prod. zone

*43-013-30066*

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

20. ROTARY OR CABLE TOOLS

5,307'

Rotary

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

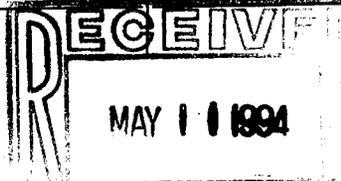
22. APPROX. DATE WORK WILL START\*

GL 5554.2'

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			



See attached listing of EXHIBITS.

This is a WASHDOWN of the former Walton Federal #6.

*WALTON FEDERAL #6*  
 MAY 2 1994

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

PERMIT NO. \_\_\_\_\_ APPROVAL DATE *MAY 05 1994*  
 APPROVED BY *Howard B. Carney* TITLE ASSISTANT DISTRICT MANAGER MINERAL DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

*43-013-30066*  
*440801-401-073*

NOTICE OF APPROVAL

\*See Instructions On Reverse Side

CONDITIONS OF APPROVAL ATTACHED TO ORIGINAL COPY

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

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Monument Federal 42-11J

API Number: 43-013-30066

Lease Number: U-096550

Location: SENE 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 2M system installed and function tested prior to initiating drill out of any plugs.

#### 2. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at  $\pm 1,563$  ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

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.

#### 4. 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.

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

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to  $\pm 1,363$  ft. and shall be utilized to determine the bond quality for the production casing. 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.

## 6. 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.

7. 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.

3162.8  
UT08438

May 2, 1994

Equitable Resources Energy Company  
1601 Lewis Avenue Building  
Billings, Montana 59104

Attn: Bobbie Schuman

Re: Confidential Status  
Well: Monument Federal 42-11J  
SENE Sec. 11, T9S, R16E  
Duchesne County, Utah  
Lease U-096550

Dear Ms. Schuman:

As you requested, all information for the referenced well will be held confidential. In accordance with 43 CFR 3162.8 of the Code of Federal Regulations, confidential status will be maintained for a period of 12 months, ending (date typed), 1994. Upon expiration of the 12-month period, Equitable Resources Energy Company can request that the data be held confidential for an additional 12-month period.

If you have any other questions concerning this matter please contact Ed Forsman of this office at (801) 789-1362.

Sincerely,

Howard B. Cleavinger II  
Assistant District Manager  
for Minerals

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

Methods for Handling Waste Disposal

The reserve pit liner will have sufficient bedding (straw or dirt) to cover rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc..., that could puncture the liner will be deposited of in the pit.

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.

One silt catchment dam shall be located where flagged, approximately 200 feet North of the proposed location, near the access road to 11-12.

DAILY OPERATING REPORTBALCROON MONUMENT FEDERAL #42-11J

Location: SE NE Section 11, T9S, R16E

---TIGHT HOLE---

Duchesne County, Utah

1991.5' FNL, 495.6' FEL

PTD: 5,750' Formation: Green River

Jonah Unit / Monument Butte

Elevations: 5554.2'GL, 5564.2'KB

Contractor: Union Drilling #17

Operator: Balcron/EREC

Spud: 6-28-94 @ 9 p.m.

Casing:

Tubing:

6-17-94 Install csg head.

6-20-94 Dig pit, blade location "Craigs".

6-24-94 Install pit liner.

DC: \$7,851

CC: \$7,851

6-29-94 Re-Entry of the former Walton Federal #6

TD: 1,340' (1,340') Day 1

Formation: Green River

MW 8.4 VIS 26

Present Operation: Drilling cmt.

MIRU. SPUD well @ 9 p.m. 6-28-94. Drill rat hole, NU &amp; test BOP to 2000# - OK. Start drilling cmt @ 45' &amp; drill to 175' &amp; stringers to 195'. At 1000' circ out heavy mud. Plug #2 top @ 1325'. Continue drilling cmt.

DC: \$12,000

CC: \$19,851

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: EQUITABLE RESOURCES

WELL NAME: BALCRON MONUMENT FEDERAL 42-11J (RE-ENTRY)

API NO. 43-013-30066

Section 11 Township 9S Range R16E County DUCHESNE

Drilling Contractor UNION

Rig # 17

SPUDDED: Date 6/28/94

Time 8:00 PM

How ROTARY

Drilling will commence \_\_\_\_\_

Reported by DLI-DOGM

Telephone # \_\_\_\_\_

Date 6/29/94 SIGNED JLT



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

Type of Well  
 Oil Well     Gas Well     Other

Name of Operator  
 Equitable Resources Energy Company, Balcron Oil Division

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

Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 SE NE Section 11, T9S, R16E  
 1991.5' FNL, 495.6' FEL

5. Lease Designation and Serial No.  
 U-096550

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. #42-11J

9. API Well No.  
 43-013-30066

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

11. County or Parish, State  
 Duchesne County, UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>undesirable event</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 <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

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

At approximately 1:30 p.m. on 6/28/94, an accident occurred to a Union Drilling rig hand on this well. Union Drilling is our drilling contractor and this was on their Rig #17. The injured person was taken to University Hospital in Salt Lake City. Ed Forsman of the Bureau of Land Management was notified 6/28/94.

1004

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

Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date 6-29-94

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**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

5. Lease Designation and Serial No.

U-096550

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. #42-11J

9. API Well No.

43-013-30066

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)

SE NE Section 11, T9S, R16E

1991.5' ENL, 495.6' FEL

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

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

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

This well was spud on 6-28-94 at 9:00 p.m. (this is the Re-Entry of the former Walton Federal #6).

JUL - 1 1994

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

Signed Bobbie Schuman

Title Regulatory and Environmental Specialist

Date 6-29-94

(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

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

5. Lease Designation and Serial No.

U-096550

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 Federal #42-11

9. API Well No.

43-013-30066

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)

SE NE Section 11, T9S, R16E  
1991.5' FNL, 495.6' FEL

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 Report of First Production  
 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.)\*

First production on this well was on 8-1-94 at 2 p.m.

AUG - 8 1994

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

Signed

Molly Conrad

Title

Operations Secretary

Date

8-4-94

(This space for Federal or State office use)

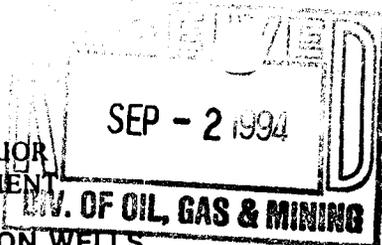
Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



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)

SE NE Section 11, T9S, R16E  
1991.5' FNL, 495.6' FEL

5. Lease Designation and Serial No.  
U-096550

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. #42-11J

9. API Well No.

43-013-30066

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

(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.

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

Signed Bobbie Schuman

Title Regulatory and Environmental Specialist

Date 8-31-94

(This space for Federal or State office use)

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

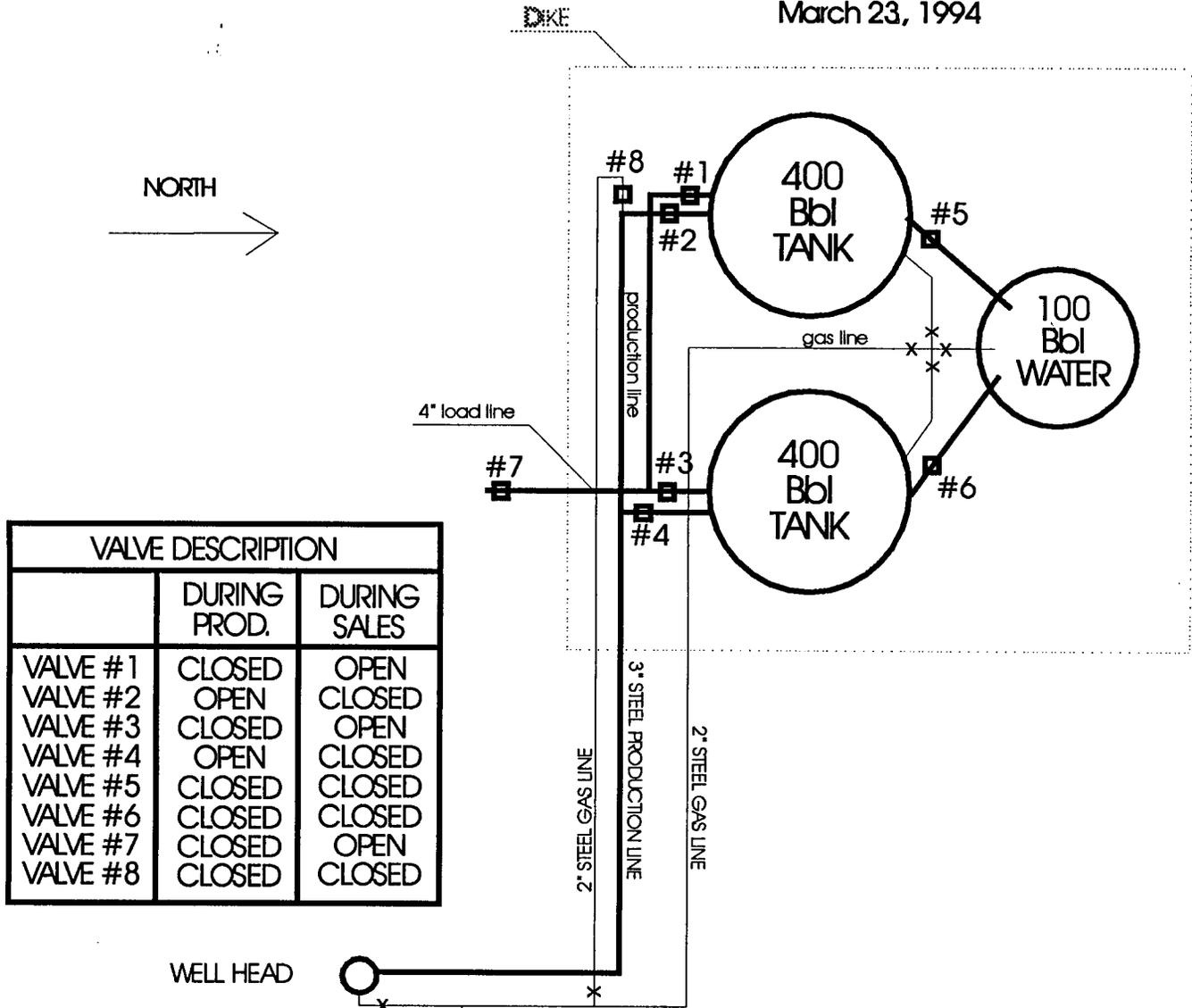
Title \_\_\_\_\_

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.

Equitable Resources Energy Company  
 Balcron Monument Federal 42-11J  
 Production Facility Diagram

Balcron Monument Federal 42-11J  
 SE NE Sec. 11, T9S, R16E  
 (formerly Walton Federal 6)  
 Duchesne County, Utah  
 Federal Lease #U-096550  
 1991' FNL, 496' FEL  
 March 23, 1994



VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	OPEN
VALVE #4	OPEN	CLOSED
VALVE #5	CLOSED	CLOSED
VALVE #6	CLOSED	CLOSED
VALVE #7	CLOSED	OPEN
VALVE #8	CLOSED	CLOSED

DIAGRAM NOT TO SCALE

ACCESS ROAD



**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

SEP - 2 1994

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

DIV. OF OIL, GAS & MINING

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-096550

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

7. If Unit or CA, Agreement Designation Jonah Unit

8. Well Name and No. Balcrcon Monument Fed. #42-11J

9. API Well No. 43-013-30066

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, Balcrcon 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)  
SE NE Section 11, T9S, R16E  
1991.5' FNL, 495.6' FEL

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input 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>Onshore Order #7</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.)\*

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 8-31-94

(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.

\*See Instruction on Reverse Side

**REPORT OF WATER ENCOUNTERED DURING DRILLING**

1. Well name and number: Balcron Monument Federal #42-11J

API number: 43-013-30066

2. Well Location: QQ SE NE 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

Buckhannon, WV 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		
		No measurable water encountered	
		during drilling operations.	

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: 8-31-94

Name & Signature: Bobbie Schuman, *Bobbie Schuman*

Title: Regulatory and Environmental Specialist

## DAILY OPERATING REPORT

### BALCRON MONUMENT FEDERAL #42-11J

Location: SE NE Section 11, T9S, R16E

Duchesne County, Utah

1991.5' FNL, 495.6' FEL

PTD: 5,750' Formation: Green River

Jonah Unit / Monument Butte

Elevations: 5554.2'GL, 5564.2'KB

Contractor: Union Drilling #17 (10' KB)

Operator: Balcron/EREC

Spud: 6-28-94 @ 9 p.m.

Casing: 8-5/8", 24# @ 140'

5-1/2", 15.5#, J-55 @ 5270.75'KB

Tubing: 2-7/8", 6.5#, J-55 @ 5188.72'KB

---TIGHT HOLE---

6-17-94 Install csg head.

6-20-94 Dig pit, blade location "Craigs".

6-24-94 Install pit liner.

DC: \$7,851

CC: \$7,851

6-29-94 Re-Entry of the former Walton Federal #6

TD: 1,340' (1,340') Day 1

Formation: Green River

MW 8.4 VIS 26

Present Operation: Drilling cmt.

MIRU. SPUD well @ 9 p.m. 6-28-94. Drill rat hole, NU & test BOP to 2000# - OK. Start drilling cmt @ 45' & drill to 175' & stringers to 195'. At 1000' circ out heavy mud. Plug #2 top @ 1325'. Continue drilling cmt.

DC: \$12,000

CC: \$19,851

6-30-94 TD: 4,610' (3,270') Day 2

Formation: Green River

MW 8.8 VIS 32 - 40

Present Operation: Stuck @ 4610'.

Btm of plug #2 in hole @ 1450'. TOO H & PU bumper sub. repair hydromatic. Wash & ream to 4610' & get stuck. Work pipe & pump, no circ. WO free point truck.

DC: \$10,633

CC: \$30,484

7-1-94 TD: 4,610' (0') Day 3

MW 8.7 VIS 33

Present Operation: Jarring on fish.

Run free point & stuck @ 4000'. Back off at 3928'. Pull drill pipe out, PU cut sub, bumper sub, jars, 6 drill collars, intensifier & TIH. Screw into fish & start jarring & beating down, beating down to hard on rig & equipment, so jar. Pull up to 160,000 to set off jars. Part time up to 180,000. Have moved fish 3-1/2' up the hole.

DC: \$11,385

CC: \$41,869

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #42-11J

Location: SE NE Section 11, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

- 7-2-94 TD: Btm of fish @ 4610'.  
Present Operation: Circ over fish.  
Jar on fish, get ready to back off, back off of fish & circ & cond mud. TOOH, LD tools & PU 6 jts wash pipe, bumper sub, jars, escalator sub & TIH to fish. WASH over fish & circ hole good. Washed to 4110'+/-.  
DC: \$13,885 CC: \$55,754
- 7-3-94 TD: Btm of fish @ 4610'.  
Present Operation: Circ hole.  
Circ over fish & TOH w/wash pipe. TIH w/fishing tools. Screw into fish & free point. Back off @ 4390'+/-. TOOH, had a few jts of bent pipe. TIH w/bit collars & jars to top of fish. Had a couple of tite spots @ 4320'-4360'. Circ & cond hole.  
DC: \$12,240 CC: \$67,994
- 7-4-94 TD: Btm of fish @ 4610'.  
Present Operation: TIH.  
TOH w/bit, TIH w/wash pipe & get over fish. Wash very hard first 50' getting alot of shale over shaker. Wash to 4573' acts like fish moved down hole. Circ hole good & TOH w/wash pipe. Start trip in w/fishing string.  
DC: \$9,700 CC: \$77,694
- 7-5-94 TD: 4715'  
Formation: Green River  
MW 8.6 VIS 44  
Present Operation: Wash & Ream  
Fish moved down hole, top of fish at 4,616'. Screw into fish and work loose. Chain out wet string. Lay down fishing tools and work pipe. Clean mud tank and get mud in shape. TIH to 4,550' and start washing and reaming. Ream to 4,715'.  
DC: \$10,780 CC: \$88,474
- 7-6-94 TD: 5,300' (0') Day 8  
Formation: Green River  
MW 9.2 VIS 36 pH 10.5  
Present Operation: TOOH.  
Wash & ream, hole sticky @ 4930' & start getting more shale. Wash & ream on to 5300' TD. Still getting alot of shale. Work on mud & get MW up to 9.2, make 15-std short trip. 7' of fill. TOOH.  
DC: \$7,915 CC: \$96,389

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #42-11J

Location: SE NE Section 11, T9S, R16E  
Duchesne County, Utah

---TIGHT HOLE---

- 7-7-94 TD: 5,300' (0') Day 9  
Formation: Green River  
Present Operation: RDMO.  
Finish TOOH, RU loggers, Run DNL w/no problem. Have 5273 logger TD. Lateral log stopped @ 4220' & Caliper opened up. TOOH & change Caliper. Go right to btm & TD @ 5300'. Finish logging, TOH w/ collars & drill pipe & LD same. Change pipe rams & test BOP to 2000# - OK. Run 5-1/2" csg & cmt as follows: Set slip, ND & clean mud tanks.
- |                             |          |
|-----------------------------|----------|
| Guide Shoe                  | .60'     |
| 1 jt 5-1/2", 15.5#, Shoe Jt | 39.08'   |
| Float Collar                | 1.00'    |
| 121 jts 5-1/2", 15.5#, J-55 | 5221.07' |
|                             | 5261.75' |
| Landing Jt                  | 9.00'    |
| 5-1/2" csg set @            | 5270.75' |
| PBTD @                      | 5230.07  |
- (Ran 20 centralizers). Cmt by Western w/20 bbls mud flush. Lead cmt 290 sxs "Super G", tail w/180 sxs 50-50 POZ w/2% gel & 1/4#/sx Celoseal. Plug down @ 2 a.m.  
DC: \$59,074 CC: \$155,463
- 7-13-94 Completion  
Dress up location. Set rig anchors. MIRU Cannon Well Service Rig #2. NU 5M well head, NU BOP. TIH w/csg scraper, SN & 120 jts 2-7/8" tbg. SWIFN.  
DC: \$20,393 CC: \$175,856
- 7-14-94 Completion  
TIH w/bit & scraper to 5223' KB. Circ well clean w/125 bbls 2% KCL wtr. TOOH w/tbg & tools. RU Schlumberger to run CBL & perf. Run CBL from PBTD to 1560' KB. Cmt top @ 1825' KB. perf 5188'-96' KB w/4 SPF> RD Schlumberger. TIH w/retrieving head & 159 jts 2-7/8" tbg to 5148'KB. SWIFN.  
DC: \$5,549 CC: \$181,405

**DAILY OPERATING REPORT**

**BALCRON MONUMENT FEDERAL #42-11J**

**Location: SE NE Section 11, T9S, R16E**

**Duchesne County, Utah**

**---TIGHT HOLE---**

7-16-94 Completion  
RU Western to do breakdown on 5,188'-96' (stage #1) w/2,058 gals 2% KCL. ATP 3200 psi, max 5000 psi. ATR 6 BPM, max 6.7 BPM. ISIP 1730 psi. Pump 4 balls/bbl. TOOH w/tbg & retrieving head, RU Western to frac 5188-96' w/14,860# 20/40 mesh sand & 11,600# 16/30 mesh sand w/12,182 gals 2% KCL gelled wtr. ATP 3000 psi, max 5050 psi. ATR 30 BPM, max 30.1 BPM. ISIP 4400 psi, 5 min 1750 psi, 10 min 1680 psi, 15 min 1660 psi. RU Schlumberger to set CIBP @ 4770' KB & perf 4736'-41' (4 SPF). RU Western to breakdown on 4736'-41' w/13,650 gals 2% KCL. ATP 4500 psi, max 4980 psi. ATR 8 BPM, max 25 BPM. ISIP 2831 psi. Pump ball @ 4 balls/bbl. Frac w/14,100# 16/30 mesh sand w/9,254 gals 2% KCL gelled wtr. ATP 4550 psi, max 4870 psi. ATR 25 BPM, max 30 BPM. ISIP 1870 psi, 5 min 1640 psi, 10 min 1620 psi, 15 min 1590 psi. 30 min forced closure flow back. SWI until 7-18-94.  
DC: \$45,442 CC: \$226,847

7-18-94 Completion  
CP - 720 psi. TIH w/retrieving tool & 146 jt 2-7/8" tbg. Tag sand @ 4719' KB. Circ down to BP @ 4770' KB, release BP, TOOH w/tbg & tools. TIH w/retrieving head, 2-7/8" x 4' sub, HD packer, SN & 153 jts 2-7/8" tbg. Tag sand @ 4943' KB, circ dow to BPTD @ 5223' KB. Pull up & set packer @ 4700'KB. Made 27 swab runs, recovered 1 BO & 161 BW. Last 6 runs fluid level stable @ 2400', run #12 through #24 trace oil. Last 3 runs 2% oil, good gas. Load to recover 747 BW. SWIFN.  
DC: \$1,925 CC: \$228,772

7-19-94 Completion  
CP - 0, TP - 5 psi, FL @ 1700'. Made 4 swab runs, recovered 2 BO & 22 BW. Release packer, tag sand @ 5200' KB, circ down to 5223' KB (PBDT). TOOH w/tbg & tools. TIH w/tbg production string as follows:

	<u>LENGTH</u>	<u>DEPTH KB</u>
1 jt 2-7/8", J-55, 6.5# 8RD	32.50'	5188.72'
1 Perf Sub 2-7/8"	4.12'	5156.22'
1 Seat Nipple	1.10'	5152.10'
13 jts 2-7/8", J-55, 6.5#, 8RD	419.64'	5151.00'
1 Tbg Anchor 2-1/2 x 5-1/2	2.35'	4731.36'
146 jts 2-7/8", J-55, 6.5#, 8RD	4719.01'	4729.01'
Union Drilling Rig #17 KB	10.00'	

ND BOP & 5M wellhead, NU 3M wellhead. Set tbg anchor w/20" tension. SD because of wind. SWIFN.  
DC: \$4,484 CC: \$233,256



(November 1983)  
(formerly 9-330)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN 'PLICATE'  
(See other instructions on reverse side)

Budget Bureau No. 1004-013  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1. TYPE OF WELL:  OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

2. TYPE OF COMPLETION:  NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. BEVVL.  Other \_\_\_\_\_

**CONFIDENTIAL**

3. NAME OF OPERATOR  
Equitable Resources Energy Company, Balcron Oil Division

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

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1991.5' FNL, 495.6' FEL  
At top prod. interval reported below  
At total depth

6. LEASE DESIGNATION AND SERIAL NO.  
U-096550

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

8. TRIT AGREEMENT NAME  
Jonah Unit

9. FARM OR LEASE NAME  
Balcron Monument Federal

10. WELL NO.  
#42-11J

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

12. SEC., T., R., M., OR BLOCK AND SURV. OR AREA  
SE NE Section 11, T9S, R16E

14. PERMIT NO. 43-013-30066 DATE ISSUED 5-2-94

12. COUNTY OR PARISH Duchesne 13. STATE Utah

15. DATE STUDDED 6-28-94 16. DATE T.D. REACHED 7-6-94 17. DATE COMPL. (Ready to prod.) 8-1-94 18. ELEVATION (OF, AKB, RT, OR, ETC.)\* 5554.2' GL 19. ELEV. CASINGHEAD n/a

20. TOTAL DEPTH, MD & TVD 5300' 21. PLUG, BACK T.D., MD & TVD 5230.7' 22. IF MULTIPLE COMPL., HOW MANY\* n/a 23. INTERVAL UNILLED BY \_\_\_\_\_ 24. ROTARY TOOLS SFC + TD 25. CABLE TOOLS n/a

26. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
4736' - 5196' Green River

27. WAS WELL CORED No

28. TYPE ELECTRIC AND OTHER LOGS RUN  
DLL - MSFL - LDT - CNL 7-8-94

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLES SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	140' KB	12-1/4"	105 sxs	None
5-1/2"	15.5#	5270.75' KB	7-7/8"	290 sxs "G" + additives	None
				180 sxs 50-50 PCZ	

30. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-7/8"	5188.72' KB	n/a

31. PERFORATION RECORD (Interval, size and number)

5188' - 5196' (4 SPF)  
4736' - 4741' (4 SPF)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5188' - 5196'	14,860# 20/40 sand & 11, 600# 16/30 sand w/12,182 gals 2% KCL gelled wtr
4736' - 4741'	13,650 gals 2% KCL wtr. Frac w/ 14,100# 16/30 sand w/9254 gals

33. PRODUCTION

DATE FIRST PRODUCTION 8-1-94 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
8-11-94	24	n/a	→	33	N.M.	0	n/a

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
n/a	n/a	→	33	N.M.	0	34

34. DISPOSITION OF GAS (Bold, used for fuel, vented, etc.)  
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 Bohnie Schuman TITLE Regulatory and Environmental Specialist DATE 8-31-94

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

Title 16 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-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	MEAS. DEPTH	TRUE VERT. DEPTH
			No DSI's run.	Geological report submitted separately.			
				Requested 9/11/95			

**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      Entry      Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ MONUMENT FED 22-12J 4301315796 11492 09S 16E 12	GRRV					
✓ MONUMENT FED 42-11J 4301330066 11492 09S 16E 11	GRRV					
✓ ALLEN FEDERAL 23-6 4301330558 11492 09S 17E 6	GRRV					
✓ ALLEN FEDERAL 32-6 4301330559 11492 09S 17E 6	GRRV					
✓ ALLEN FEDERAL 41-6 4301330581 11492 09S 17E 6	GRRV					
✓ ALLEN FEDERAL 12-6 4301330582 11492 09S 17E 6	GRRV					
✓ ALLEN FEDERAL 43-6 4301330583 11492 09S 17E 6	GRRV					
✓ ALLEN FEDERAL 21-6 4301330584 11492 09S 17E 6	GRRV					
✓ ALLEN FEDERAL 34-6 4301330586 11492 09S 17E 6	GRRV					
✓ FEDERAL 2-1 4301330603 11492 09S 16E 1	GRRV					
✓ ALLEN FEDERAL 12-5 4301330611 11492 09S 17E 5	GRRV					
✓ ALLEN FEDERAL 21-5 4301330612 11492 09S 17E 5	GRRV					
✓ CASTLE PK FED 31-15 4301330613 11492 09S 16E 15	GRRV					
<b>TOTALS</b>						

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

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

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

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

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

UTAH

Balcron Monument Fed. #32-1J	Monument Butte	SW NE	1	9S	16E	Duchesne	UT	Oil	Green River	U-33992	43-013-31414	2143' FNL, 1987' FEL	Vernal	Jonah
Balcron Monument Fed. #32-25	Undesignated	SW NE	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32524	1980' FNL, 1980' FEL	Vernal	
Balcron Monument Fed. #33-11J	Monument Butte	NW SE	11	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-31451	1971' FSL, 2032' FEL	Vernal	Jonah
Balcron Monument Fed. #33-25	Undesignated	NW SE	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32525	2097' FSL, 2067' FEL	Vernal	
Balcron Monument Fed. #33-6	Monument Butte	NW SE	6	9S	17E	Duchesne	UT	WVW	Green River	U-020252-A	43-013-31361	1832' FSL, 1829' FEL	Vernal	Jonah
Balcron Monument Fed. #33-8	Monument Butte	NW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31427	1980' FSL, 1980' FEL	Vernal	Beluga
Balcron Monument Fed. #34-10J	Monument Butte	SW SE	10	9S	16E	Duchesne	UT	WVW	Green River	U-017985	43-013-31416	592' FSL, 1979' FEL	Vernal	Jonah
Balcron Monument Fed. #34-25	Undesignated	SW SE	25	8S	17E	Uintah	UT	PND	Green River	U-67845		800' FSL, 2100' FEL	Vernal	
Balcron Monument Fed. #34-7	Monument Butte	SW SE	7	9S	17E	Duchesne	UT	PND	Green River	UTU-72106	43-013-31426	810' FSL, 1736' FEL	Vernal	
Balcron Monument Fed. #41-12J	Monument Butte	NE NE	12	9S	16E	Duchesne	UT	Oil	Green River	U-44426		395' FSL, 476' FEL	Vernal	Jonah
Balcron Monument Fed. #41-14J	Monument Butte	NE NE	14	9S	16E	Duchesne	UT	WVW	Green River	U-096550	43-013-31408	363' FNL, 600' FEL	Vernal	Jonah
Balcron Monument Fed. #41-15	Monument Butte	NE NE	15	9S	16E	Duchesne	UT	WVW	Green River	U-017985	43-013-31367	460' FNL, 500' FEL	Vernal	Jonah
Balcron Monument Fed. #41-17	Monument Butte	NE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31466	660' FNL, 660' FEL	Vernal	Beluga
Balcron Monument Fed. #41-26	Monument Butte	NE NE	26	8S	17E	Uintah	UT	PND	Green River	U-67845	43-047-32456	660' FNL, 500' FEL	Vernal	
Balcron Monument Fed. #42-11J	Monument Butte	SE NE	11	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-30066	1992' FNL, 496' FEL	Vernal	Jonah
Balcron Monument Fed. #42-12J	Monument Butte	SE NE	12	9S	16E	Duchesne	UT	Oil	Green River	U-035521	43-013-31486	2550' FNL, 391' FEL	Vernal	Jonah
Balcron Monument Fed. #42-14J	Monument Butte	SE NE	14	9S	16E	Duchesne	UT	PND	Green River	U-096550	43-013-21491	1882' FNL, 773' FEL	Vernal	Jonah
Balcron Monument Fed. #42-17	Monument Butte	SE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31467	1800' FNL, 700' FEL	Vernal	Beluga
Balcron Monument Fed. #42-18	Monument Butte	SE NE	18	9S	17E	Duchesne	UT	PND	Green River	UTU-72106	43-013-31433	1800' FNL, 800' FEL	Vernal	
Balcron Monument Fed. #42-1J	Monument Butte	SE NE	1	9S	16E	Duchesne	UT	WVW	Green River	U-40652	43-013-31404	2087' FNL, 692' FEL	Vernal	Jonah
Balcron Monument Fed. #42-26	Undesignated	SE NE	26	8S	17E	Uintah	UT	PND	Green River	U-67845		2100' FNL, 660' FEL	Vernal	
Balcron Monument Fed. #42-6	Monument Butte	SE NE	6	9S	17E	Duchesne	UT	WVW	Green River	U-020252-A	43-013-31364	1806' FNL, 921' FEL	Vernal	Jonah
Balcron Monument Fed. #43-11J	Monument Butte	NE SE	11	9S	16E	Duchesne	UT	WVW	Green River	U-096550	43-013-31002	2127' FSL, 693' FEL	Vernal	Jonah
Balcron Monument Fed. #43-26	Undesignated	NE SE	26	8S	17E	Uintah	UT	PND	Green River	U-67845		1880' FSL, 379' FEL	Vernal	
Balcron Monument Fed. #43-7	Monument Butte	NE SE	7	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31432	1850' FSL, 850' FEL	Vernal	Beluga
Balcron Monument Fed. #44-1J	Monument Butte	SE SE	1	9S	16E	Duchesne	UT	WVW	Green River	U-44426	43-013-31415	338' FSL, 859' FEL	Vernal	Jonah
Balcron Monument State #12-2	Undesignated	SW NW	2	9S	17E	Duchesne	UT	Oil	Green River	ML-45555	43-013-31481	1980' FNL, 660' FWL		
Balcron Monument State #13-2	Undesignated	NW SW	2	9S	17E	Duchesne	UT	Oil	Green River	ML-45555	43-013-31482	2210' FSL, 604' FWL		
Balcron Monument State #14-2	Undesignated	SW SW	2	9S	17E	Duchesne	UT	Oil	Green River	ML-45555	43-013-31425	513' FSL, 787' FWL		
Balcron Monument State #21-2-9-17	Undesignated	NE NW	2	9S	17E	Uintah	UT	Oil	Green River	ML-45555	43-047-32703	821' FNL, 2187' FWL		
Balcron Monument State #22-2	Undesignated	SE NW	2	9S	17E	Uintah	UT	Oil	Green River	ML-45555	43-047-32610	1980' FNL, 1980' FWL		
Balcron Monument State #23-2	Undesignated	NE SW	2	9S	17E	Uintah	UT	WSW	Green River	ML-45555	43-047-32613	1980' FSL, 1980' FWL		
Balcron Monument State #24-2	Undesignated	SE SW	2	9S	17E	Uintah	UT	Oil	Green River	ML-45555	43-047-32612	660' FSL, 1980' FWL		
Balcron Monument State #32-2	Undesignated	SW NE	2	9S	17E	Uintah	UT	PND	Green River	ML-45555	43-047-32609	1980' FNL, 1980' FEL		
Balcron Monument State #34-2	Undesignated	SW SE	2	9S	17E	Uintah	UT	PND	Green River	ML-45555	43-047-32611	800' FSL, 1980' FEL		



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

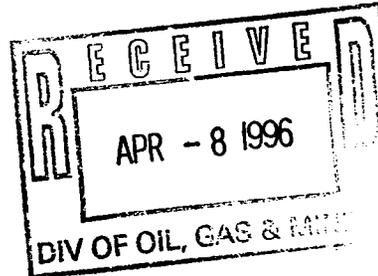
**BALCRON OIL DIVISION**

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

ST 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

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.



13. Name & Signature: Bobbie Schuman Title: Regulatory and Environmental Specialist Date: March 27, 1996  
Bobbie Schuman

(This space for State use only)

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

Routing:

1-LEP 7-SJ	✓
2-DTS 58-FILE	✓
3-VLD (GIL)	✓
4-RJH	✓
5-JE	✓
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 <u>(406) 259-7860</u>	phone <u>(406) 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>D13-30066</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**

- Y 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.
- Y 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ (4-10-96)
- Y 6. Cardex file has been updated for each well listed above. (4-11-96)
- Y 7. Well file labels have been updated for each well listed above. (4-11-96)
- Y 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)
- Y 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) Schwa 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.
- DTS 2. Copies of documents have been sent to State Lands for changes involving State leases.  
*Sent to Ed Bohner - Trust Lands*

FILMING

- WDL 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

9/6/10 BLm/BIA "Formal approval not necessary"

**Water Analysis Report**

*Sonah Unit*

**Customer :** EREC - Western Oil Company

**Field :** Monument Butte Field

**Address :** 1601 Lewis Avenue

**Lease :** Monument Federal Lease

**City :** Billings

**Location :** Well No. 42-11

**State :** MT      **Postal Code :** 59104-

**Sample Point :** wellhead

**Attention :** John Zellitti

**Date Sampled :** 23-Jan-97

**cc1 :** Dan Farnsworth

**Date Received :** 23-Jan-97

**cc2 :** Joe Ivey

**Date Reported :** 08-Feb-97

**cc3 :**

**Salesman :** Lee Gardiner

**Analyst :** Karen Hawkins Allen

CATIONS		ANIONS	
Calcium :	112 mg/l	Chloride:	5,000 mg/l
Magnesium :	102 mg/l	Carbonate:	396 mg/l
Barium :	0 mg/l	Bicarbonate:	1,366 mg/l
Strontium :	0 mg/l	Sulfate:	108 mg/l
Iron :	1.0 mg/l		
Sodium :	3487 mg/l		
pH (field) :	8.57	Specific Gravity :	1.005 grams/ml
Temperature :	85 degrees F	Total Dissolved Solids :	10,572 ppm
Ionic Strength :	0.17	CO2 in Water :	1 mg/l
		CO2 in Gas :	0.03 mole %
Resistivity :	ohm/meters	H2S in Water :	0.0 mg/l
Ammonia :	ppm	O2 in Water :	0.000 ppm
Comments :			

**SI calculations based on Tomson-Oddo**

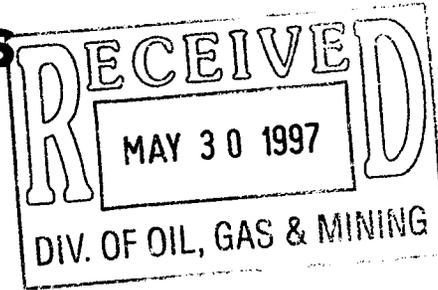
Calcite (CaCO3) SI :	2.04	Calcite PTB :	96.8
Gypsum (CaSO4) SI :	-2.41	Gypsum PTB :	N/A
Barite (BaSO4) SI :	N/A	Barite PTB :	N/A
Celestite (SrSO4) SI :	N/A	Celestite PTB :	N/A



**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

## 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)
MONUMENT FED 32-6-9-16Y (RE-ENTRY) 4301331300 11211 09S 16E 6	GRRV			474390		
FEDERAL 1-26 4304731953 11227 08S 17E 26	GR-WS			67845		
C&O GOVT #1 4301315111 11492 09S 16E 12	GRRV			635521	Gench (CR) Unit	
C & O GOVT #2 4301315112 11492 09S 16E 12	GRRV			"		
ALLEN FEDERAL A-1 4301315780 11492 09S 17E 5	GRRV			620252		
GOATES FED. #1 4301315789 11492 09S 16E 11	GRRV			6547		
CRON MONUMENT FEDERAL 13-11J 4301315790 11492 09S 16E 11	GRRV			6547		
GOATES FED #3 4301315791 11492 09S 16E 14	GRRV			6547		
WALTON FEDERAL 1 4301315792 11492 09S 16E 11	GRRV			6550		
WALTON FED. #2 4301315793 11492 09S 16E 14	GRRV			"		
WALTON FEDERAL 4 4301315795 11492 09S 16E 11	GRRV			"		
MONUMENT FED 22-12J 4301315796 11492 09S 16E 12	GRRV			"		
MONUMENT FED 42-11J 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.

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

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

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

County:

State:

RECEIVED  
OCT 13 1997

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 :

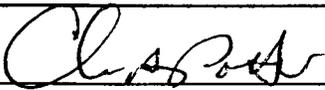
Equitable Resources Energy Company  
1601 Lewis Avenue  
Billings, MT 59102

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 16 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

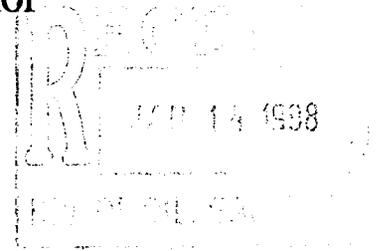
Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
MONUMENT BUTTE #12-12	SWNW 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31410-00	UTU096550	UTU72086A
MONUMENT BUTTE #13-5	NWSW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31370-00		UTU72086A
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 ENER
UTU72086A	430131578000S1	1	NWNW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENER
UTU72086A	430131577900S1	1	SESE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENER
UTU72086A	430131578900S1	1	SESW	11	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENER
UTU72086A	430131579200S1	1	SESE	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENER
UTU72086A	430133070200S1	1-13	NWSW	1	9S	16E	WIW	UTU18399	EQUITABLE RESOURCES ENER
UTU72086A	430133070300S1	1-14	SWSW	1	9S	16E	POW	UTU18399	EQUITABLE RESOURCES ENER
UTU72086A	430133064600S1	1-23	NESW	1	9S	16E	POW	UTU18399	EQUITABLE RESOURCES ENER
UTU72086A	430133070100S1	1-24	SESW	1	9S	16E	WIW	UTU18399	EQUITABLE RESOURCES ENER
UTU72086A	430133073500S1	1-33	NWSE	1	9S	16E	WIW	UTU52013	EQUITABLE RESOURCES ENER
UTU72086A	430133073600S1	1-34	SWSE	1	9S	16E	POW	UTU52013	EQUITABLE RESOURCES ENER
UTU72086A	430133073400S1	1-43	NESE	1	9S	16E	POW	UTU52013	EQUITABLE RESOURCES ENER
UTU72086A	430133136200S1	11-6	L4	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENER
UTU72086A	430133149200S1	11-7J	NWNW	7	9S	17E	WIW	UTU44426	EQUITABLE RESOURCES ENER
UTU72086A	430133088900S1	12-1	NWNE	12	9S	16E	POW	UTU44426	EQUITABLE RESOURCES ENER
UTU72086A	430133141700S1	12-11J	SWNW	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENER
UTU72086A	430133141000S1	12-12J	SWNW	12	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENER
UTU72086A	430133061100S1	12-5	SWNW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENER
UTU72086A	430133058200S1	12-6	SWNW	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENER
UTU72086A	430133149300S1	12-7J	SWNW	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENER
UTU72086A	430131579000S1	13-11J	NWSW	11	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENER
UTU72086A	430133137000S1	13-5	NWSW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENER
UTU72086A	430133091800S1	13-6	NWSW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENER
UTU72086A	430133137400S1	14-11	SWSW	11	9S	16E	WIW	UTU096547	EQUITABLE RESOURCES ENER
UTU72086A	430133141100S1	14-12J	SWSW	12	9S	16E	WIW	UTU035521A	EQUITABLE RESOURCES ENER
UTU72086A	430133138500S1	14-5	SWSW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENER
UTU72086A	430131511200S1	2	NWSE	12	9S	16E	POW	UTU035521	EQUITABLE RESOURCES ENER
UTU72086A	430131579300S1	2	NWNE	14	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENER
UTU72086A	430133060300S1	2-1	L1	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENER
<del>UTU72086A</del>	<del>430133140600X1</del>	<del>21-12J</del>	<del>NENW</del>	<del>12</del>	<del>9S</del>	<del>16E</del>	<del>ABB</del>	<del>UTU096550</del>	<del>EQUITABLE RESOURCES ENER</del>
UTU72086A	430133142100S1	21-14J	NENW	14	9S	16E	WIW	UTU096547	EQUITABLE RESOURCES ENER
<del>UTU72086A</del>	<del>430133142200X1</del>	<del>21-15J</del>	<del>NENW</del>	<del>15</del>	<del>9S</del>	<del>16E</del>	<del>ABB</del>	<del>UTU017985</del>	<del>EQUITABLE RESOURCES ENER</del>
UTU72086A	430133061200S1	21-5	NENW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENER
UTU72086A	430133058400S1	21-6	L3	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENER
UTU72086A	430131579600S2	22-12J	SENW	12	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENER
UTU72086A	430133063400S1	22-15	SENW	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENER
UTU72086A	430133138400S1	22-5	SENW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENER
UTU72086A	430133091900S1	22-6	SENW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENER
UTU72086A	430133136900S1	23-11	NESW	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENER
UTU72086A	430133137300S1	23-15	NESW	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENER
UTU72086A	430133138300S1	23-5	NESW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENER
UTU72086A	430133058000S1	23-6	NESW	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENER
UTU72086A	430133140900S1	24-12J	SESW	12	9S	16E	POW	UTU035521A	EQUITABLE RESOURCES ENER
UTU72086A	430133063100S1	24-15	SESW	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENER
UTU72086A	430133137500S1	24-5	SESW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENER
UTU72086A	430133136300S1	24-6	SESW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENER
UTU72086A	430131579100S1	3	NWNW	14	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENER
UTU72086A	430133061300S1	31-15	NWNE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENER

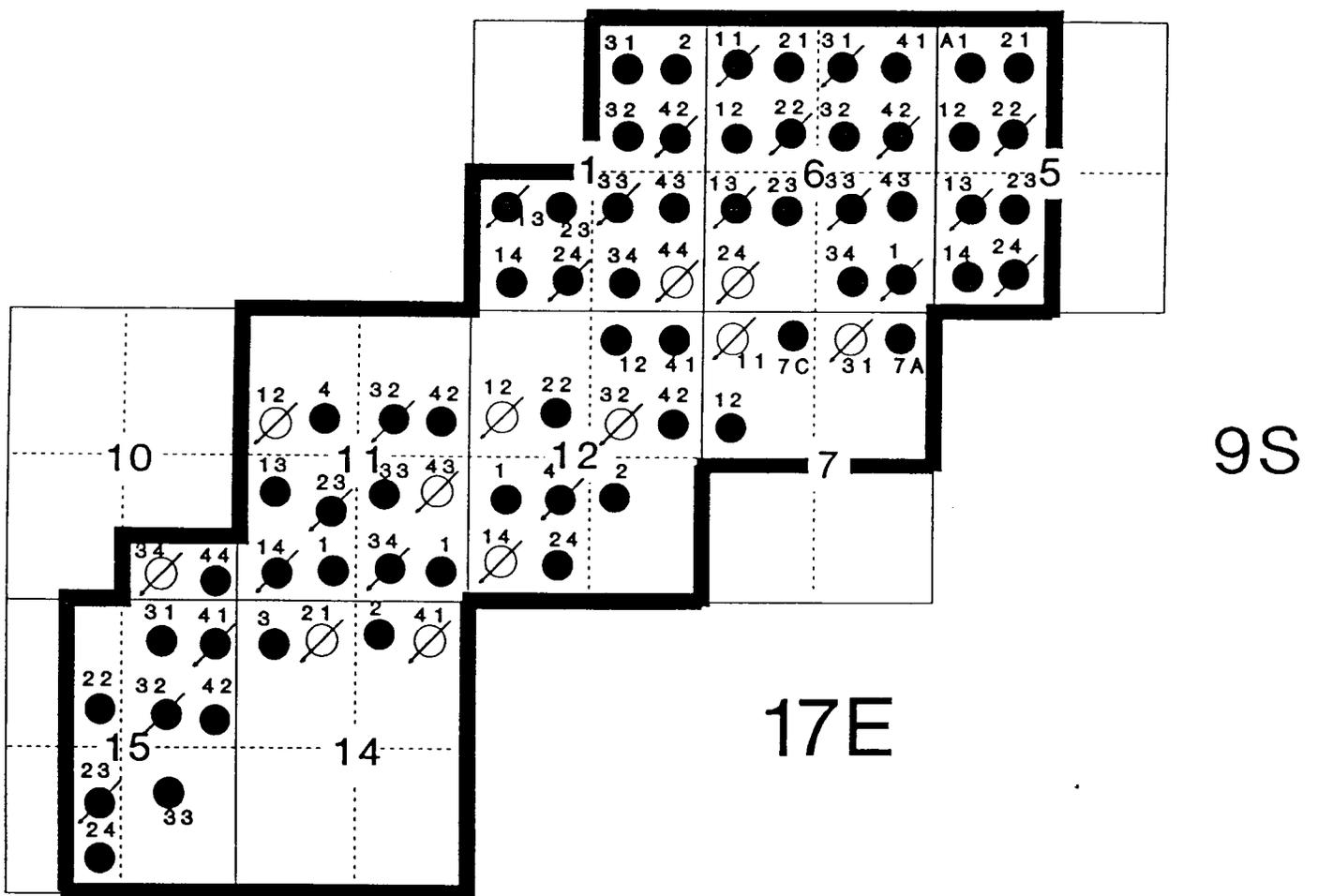
WELL STATUS REPORTS  
UTAH STATE OFFICE

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	SENE	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



16E

17E

9S

— UNIT OUTLINE (UTU72086A)

4,221.61 ACRES

SECONDARY  
ALLOCATION  
FEDERAL 100.00%

**OPERATOR CHANGE WORKSHEET**

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

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>43-013-30066</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**

- Lee 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)*
- Lee 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: \_\_\_\_\_
- Lee 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.
- Lee 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(1-14-98) \* UIC/Que Hro Pro 1-14-98 & UIC/DBase 1-14-98.*
- Lee 6. **Cardex** file has been updated for each well listed above.
- Lee 7. **Well file labels** have been updated for each well listed above.
- Lee 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)*
- Lee 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 "Jonah (LP) 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.
- NA 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**

- J/c 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.

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-096550**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**JONAH**

8. Well Name and No.

**MONUMENT FED 42-11J**

9. API Well No.

**43-013-30066**

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)

**1991 FNL 0495 FEL                      SE/NE 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

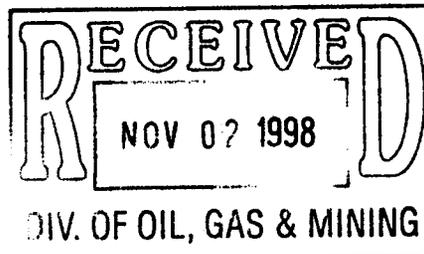
Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other Site Security

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**

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.

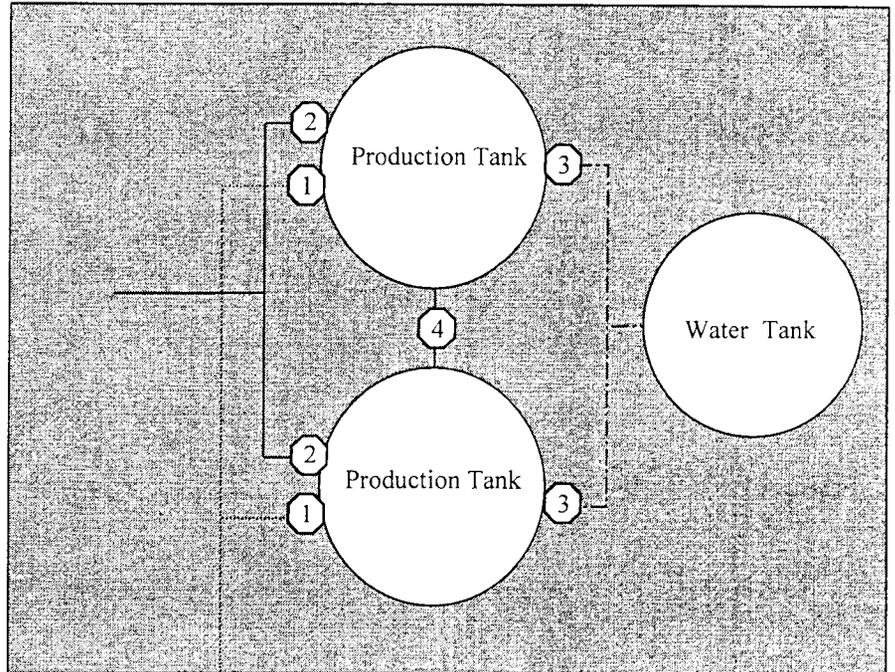
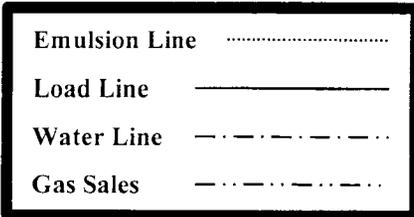
# Inland Production Company Site Facility Diagram

Monument Federal 42-11J

SE/NE Sec. 11, T9S, 16E

Duchesne County

Sept. 17, 1998

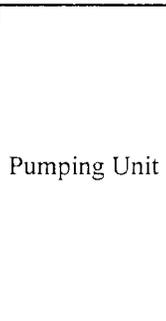


Site Security Plan is held at the Roosevelt Office,  
Roosevelt Utah

↑  
Diked Section

- Production Phase:**
- 1) Valves 1 and 3 sealed closed
  - 2) Valves 2 and 4 sealed open
- Sales Phase:**
- 1) Valves 3 & 4 sealed closed
  - 2) Valves 1 open
- Draining Phase:**
- 1) Valve 3 open

Well Head



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-096550**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**JONAH**

8. Well Name and No.

**MONUMENT FED 42-11J**

9. API Well No.

**43-013-30066**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTA**

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

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

**1991 FNL 0495 FEL SE/NE Section 11, T9S R16E**

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

**TYPE OF SUBMISSION**

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

**TYPE OF ACTION**

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other \_\_\_\_\_

Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

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

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

Subject well had recompletion procedures initiated in the Green River formation on 11/5/02. Existing production equipment was pulled from well. A bit & scraper was ran in well. Well was cleaned out to PBTD @ 5223'. One new Green River interval was perforated and hydraulically fracture treated and one existing interval was re-perforated ( W/ perfs added) and fraced as follows: Stage #1: A3 sds @ 5188'-5196' (reperfed W/ 1 JSPF-5 SPF total), NEW B1 sds @ 4980'-4985' (4 JSPF), NEW D2 sds @ 4795'-4800' (4 JSPF) & D1 sds @ 4736'-4741' (re-perfed W/ 1 JSPF-5 SPF total) faced down 5 1/2" 15.5# casing W/ 70,000# 20/40 mesh sand in 538 bbls Viking I-25 fluid. Stage #2 (all new perfs): PT3 sds @ 4272'-4276', GB6 sds @ 4252'-4254' & 4220'-4228' and GB4 sds @ 4172'-4180' & 4164'-4168' (all 4 JSPF) fraced down 5 1/2" 15.5# casing W/ 95.021# 20/40 mesh sand in 674 bbls Viking I-25 fluid. Fracs were flowed back through chokes. Bridge plug was removed from wellbore and well was cleaned out to PBTD. New intervals were swab tested for sand cleanup (along W/ existing intervals). BHA & production tbg was ran and anchored in well W/ tbg anchor @ 5014', pump seating nipple @ 5079' and end of tubing string @ 5113'. A repaired rod pump and rod string was ran in well. Well returned to production via rod pump on 11/11/02.

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

Signed

*Gary Dietz*  
Gary Dietz

Title

Completion Foreman

Date

11/12/2002

CC: UTAH DOGM

(This space for Federal or State office use)

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

Title \_\_\_\_\_

Date \_\_\_\_\_

NOV 13 2002

Conditions of approval, if any:

CC: Utah DOGM

**RECEIVED**  
**DIVISION OF GAS AND MINING**



# 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		



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-096550
<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 42-11J
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>9. API NUMBER:</b> 43013300660000
<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> 1991 FNL 0495 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE 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: 3/16/2012  <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 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 03/13/2012. On 03/14/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/16/2012 the casing was pressured up to 1275 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 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></p> <p><b>Date:</b> March 26, 2012</p> <p><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> 3/19/2012	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

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

Witness: \_\_\_\_\_ Date 3/16/12 Time 10 am pm  
Test Conducted by: Jared Robinson  
Others Present: \_\_\_\_\_

Well: <u>Monument Federal 42-11J-9-16</u>	Field: <u>Monument Butte</u>
Well Location: <u>SE/NE Sec. 11, T9S, R16E</u>	API No: <u>43-013-30066</u>
<u>Duchesne County</u>	

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1275</u>	psig
5	<u>1275</u>	psig
10	<u>1275</u>	psig
15	<u>1275</u>	psig
20	<u>1275</u>	psig
25	<u>1275</u>	psig
30 min	<u>1275</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 0 psig

Result: Pass Fail

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

Signature of Person Conducting Test: Jared Robinson

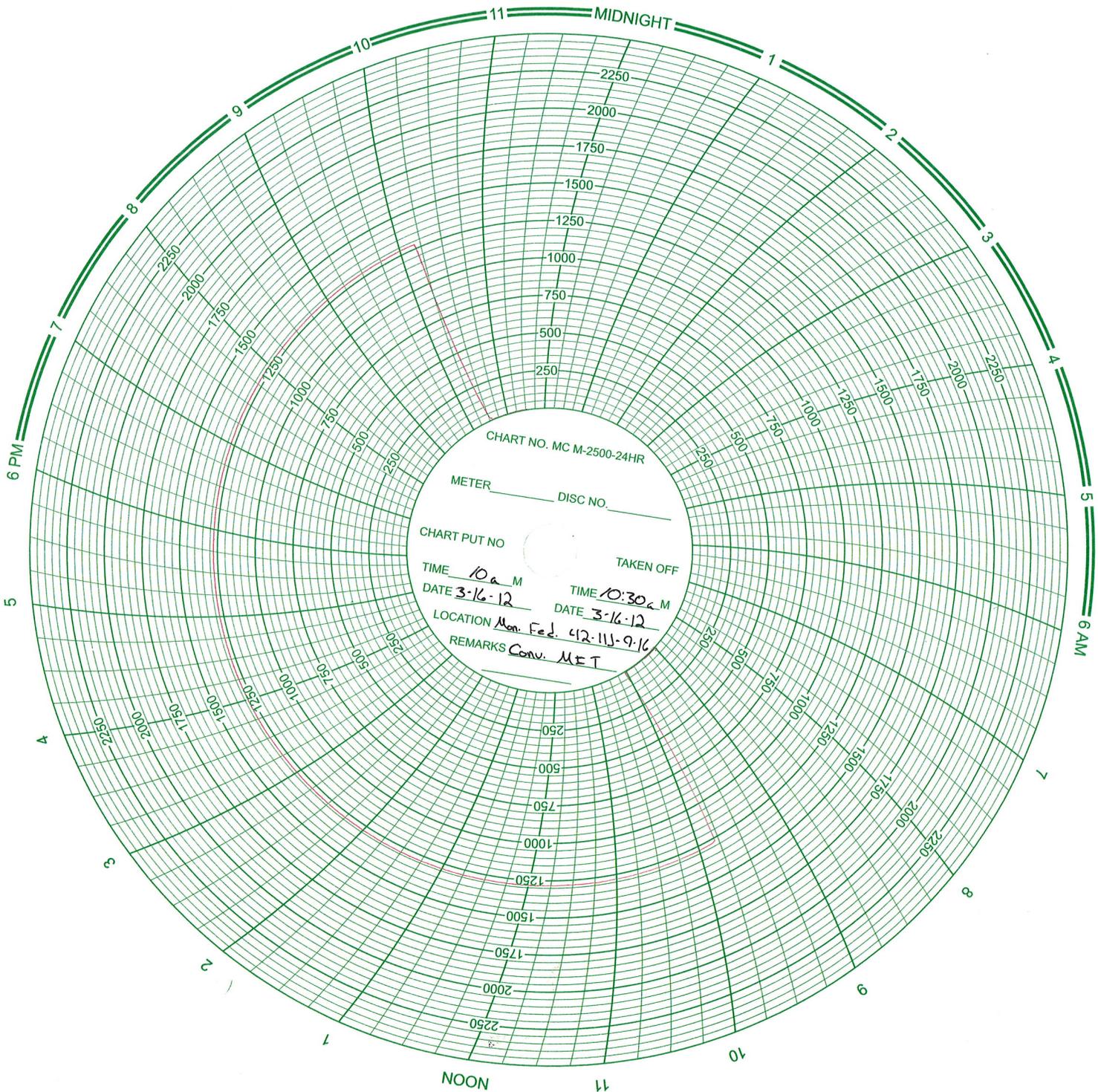


CHART NO. MC M-2500-24HR

METER \_\_\_\_\_ DISC NO. \_\_\_\_\_

CHART PUT NO \_\_\_\_\_

TIME 10 a M

TAKEN OFF

DATE 3-16-12

TIME 10:30 a M

LOCATION Mon. Fed. 42-113-9-16

DATE 3-16-12

REMARKS Conv. MET

## Daily Activity Report

Format For Sundry

MON 42-11J-9-16

1/1/2012 To 5/30/2012

**3/5/2012 Day: 1**

**Conversion**

on 3/5/2012 - Road rig to location. Spot in rig @ well head. Wait on wind to die down for 3 hrs. - Crew travel - MISISU WWS #7. Wait on wind. Could not RU due to wind. SDFN - MISISU WWS #7. Wait on wind. Could not RU due to wind. SDFN - Crew travel - MISISU WWS #7. Wait on wind. Could not RU due to wind. SDFN - Crew travel **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$7,068

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**3/7/2012 Day: 2**

**Conversion**

WWS #7 on 3/7/2012 - MIRUSU WWS #7. Attempt to test tbg w/ out success. Make repairs to rig. TOH laying down rod string. - Crew travel & pre-job safety meeting. - RUSU WWS #7. Hot oiler had pumped 60 bw down CSG @ 250°. RD pumping unit. Open well. Unseat rod pump. Flush rods 7 tbg w/ 30 bw @ 250°. Soft seat rod pump. Attempt to test tbg w/ out success w/ 32 BW. - Make repairs to rig. - Retrieve rods. LD 1 1/2" x 26' polished rod, 1 - 2' & 8' x 3/4" pony subs. TOOH laying down rod string. Get out of hole w/ 100 - 3/4" guided rods(4 per), 53 - 3/4" plain rods, 41 - 3/4" guided rods(4 per), & 6 - 1 1/2" wt bars. LD rod pump. Flushed tbg & rods w/ 90 bw total on TOOH. SDFN - Crew travel - Crew travel & pre-job safety meeting. - RUSU WWS #7. Hot oiler had pumped 60 bw down CSG @ 250°. RD pumping unit. Open well. Unseat rod pump. Flush rods 7 tbg w/ 30 bw @ 250°. Soft seat rod pump. Attempt to test tbg w/ out success w/ 32 BW. - Make repairs to rig. - Retrieve rods. LD 1 1/2" x 26' polished rod, 1 - 2' & 8' x 3/4" pony subs. TOOH laying down rod string. Get out of hole w/ 100 - 3/4" guided rods(4 per), 53 - 3/4" plain rods, 41 - 3/4" guided rods(4 per), & 6 - 1 1/2" wt bars. LD rod pump. Flushed tbg & rods w/ 90 bw total on TOOH. SDFN - Crew travel - Crew travel & pre-job safety meeting. - RUSU WWS #7. Hot oiler had pumped 60 bw down CSG @ 250°. RD pumping unit. Open well. Unseat rod pump. Flush rods 7 tbg w/ 30 bw @ 250°. Soft seat rod pump. Attempt to test tbg w/ out success w/ 32 BW. - Make repairs to rig. - Retrieve rods. LD 1 1/2" x 26' polished rod, 1 - 2' & 8' x 3/4" pony subs. TOOH laying down rod string. Get out of hole w/ 100 - 3/4" guided rods(4 per), 53 - 3/4" plain rods, 41 - 3/4" guided rods(4 per), & 6 - 1 1/2" wt bars. LD rod pump. Flushed tbg & rods w/ 90 bw total on TOOH. SDFN - Crew travel **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$13,093

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**3/13/2012 Day: 3**

**Conversion**

WWS #7 on 3/13/2012 - TOOH w/ tbg. MU bailer assembly. TIH w/ tbg. Bail out 78' fill. TOOH w/ tbg. LD bailer assembly. - Crew travel & pre-job safety meeting. - X-over to tbg equipment. Open well. ND well head. Release TAC. NU BOP. RU work floor. PU 2 jts tbg & tag fill @ 5123'. 64' new fill. LD 2 jts tbg. Flush tbg w/ 60 bw @ 250°. TOOH w/ tbg detail breaking collars & applying Liquid O-Ring to threads. Get out of hole w/ tbg. Found hole in jt directly above PSN (flushed tbg w/ 50 bw on TOOH). MU bailer assembly. TIH w/ tbg w/ 40 jt cavity. Get in hole w/ tbg & tag fill @ 5123'. Bail out fill to 5201'. 5' below btm perms. Bailer failed to make any more hole. TOOH w/ tbg. Get out of hole w/ tbg. Lay down bailer assembly. Found 2 jts full of sand & scale. SDFN - Crew travel - Crew travel - Crew travel - Crew travel & pre-job safety meeting. - Crew travel & pre-job safety meeting. - X-over to tbg equipment. Open well. ND well head. Release TAC. NU BOP. RU work floor. PU 2 jts tbg & tag

fill @ 5123'. 64' new fill. LD 2 jts tbg. Flush tbg w/ 60 bw @ 250°. TOOH w/ tbg detail breaking collars & applying Liquid O-Ring to threads. Get out of hole w/ tbg. Found hole in jt directly above PSN (flushed tbg w/ 50 bw on TOOH). MU bailer assembly. TIH w/ tbg w/ 40 jt cavity. Get in hole w/ tbg & tag fill @ 5123'. Bail out fill to 5201'. 5' below btm perfs. Bailer failed to make any more hole. TOOH w/ tbg. Get out of hole w/ tbg. Lay down bailer assembly. Found 2 jts full of sand & scale. SDFN - X-over to tbg equipment. Open well. ND well head. Release TAC. NU BOP. RU work floor. PU 2 jts tbg & tag fill @ 5123'. 64' new fill. LD 2 jts tbg. Flush tbg w/ 60 bw @ 250°. TOOH w/ tbg detail breaking collars & applying Liquid O-Ring to threads. Get out of hole w/ tbg. Found hole in jt directly above PSN (flushed tbg w/ 50 bw on TOOH). MU bailer assembly. TIH w/ tbg w/ 40 jt cavity. Get in hole w/ tbg & tag fill @ 5123'. Bail out fill to 5201'. 5' below btm perfs. Bailer failed to make any more hole. TOOH w/ tbg. Get out of hole w/ tbg. Lay down bailer assembly. Found 2 jts full of sand & scale.

SDFN **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$21,030

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**3/14/2012 Day: 4**

**Conversion**

WWS #7 on 3/14/2012 - TIH w/ PKR & injection string. Pressure test tbg to 3000 psi for 30 min for good test. Pump PKR fluid. Set PKR. Land tbg. Pressure test CSG to 1400 psi for 30 min good test. RDMOSU WWS #7. - Open well. TIH w/ Weatherford AS-1X arrowset PKR, new PSN, & 126 jts tbg. Pump 10 bw & drop SV. Test tbg to 3000 psi w/ 18 bw. Watch tbg for 1 hr to get good test. RIH w/ SL. Latch onto & unseat SV. POOH w/ SL. Circulate PKR fluid. ND BOP. Land tbg w/ 14000# tension. NU injection tree. Pressure test csg to 1400 psi. & watch for 1 hr to get good test. RDMOSU WWS #7. READY FOR MIT!! - Crew travel & safety meeting. - Open well. TIH w/ Weatherford AS-1X arrowset PKR, new PSN, & 126 jts tbg. Pump 10 bw & drop SV. Test tbg to 3000 psi w/ 18 bw. Watch tbg for 1 hr to get good test. RIH w/ SL. Latch onto & unseat SV. POOH w/ SL. Circulate PKR fluid. ND BOP. Land tbg w/ 14000# tension. NU injection tree. Pressure test csg to 1400 psi. & watch for 1 hr to get good test. RDMOSU WWS #7. READY FOR MIT!! - Crew travel & safety meeting. - Crew travel & safety meeting. - Open well. TIH w/ Weatherford AS-1X arrowset PKR, new PSN, & 126 jts tbg. Pump 10 bw & drop SV. Test tbg to 3000 psi w/ 18 bw. Watch tbg for 1 hr to get good test. RIH w/ SL. Latch onto & unseat SV. POOH w/ SL. Circulate PKR fluid. ND BOP. Land tbg w/ 14000# tension. NU injection tree. Pressure test csg to 1400 psi. & watch for 1 hr to get good test. RDMOSU WWS #7. READY FOR MIT!!

**Daily Cost:** \$0

**Cumulative Cost:** \$17,205

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**3/19/2012 Day: 5**

**Conversion**

Rigless on 3/19/2012 - Conduct initial MIT - On 03/14/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/16/2012 the casing was pressured up to 1275 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 03/14/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/16/2012 the casing was pressured up to 1275 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 03/14/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/16/2012 the casing was pressured up to 1275 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$49,025

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**Pertinent Files: [Go to File List](#)**

<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.	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096550
1. TYPE OF WELL Water Injection Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	8. WELL NAME and NUMBER: MONUMENT FED 42-11J
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1991 FNL 0495 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 11 Township: 09.0S Range: 16.0E Meridian: S	9. API NUMBER: 43013300660000
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	COUNTY: DUCHESNE
9. API NUMBER: 43013300660000	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/5/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Put on Injection"/>

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 5:00 PM on 04/05/2012.

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

Date: April 18, 2012

By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 4/9/2012	

<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.	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096550
1. TYPE OF WELL Water Injection Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	8. WELL NAME and NUMBER: MONUMENT FED 42-11J
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1991 FNL 0495 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 11 Township: 09.0S Range: 16.0E Meridian: S	9. API NUMBER: 43013300660000
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	COUNTY: DUCHESNE
9. API NUMBER: 43013300660000	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/12/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <span style="border: 1px solid black; padding: 2px;">W/O MIT - Water Isolation</span>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well had workover procedures performed (water isolation), attached is a daily status report. On 10/10/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 10/12/2012 the csg was pressured up to 1150 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 0 psig during the test. There was not a State representative available to witness the test.

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

Date: October 29, 2012

By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/19/2012	

# Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: \_\_\_\_\_ Date 10/12/12 Time 9:50 am pm  
Test Conducted by: R. Ly B. Ly  
Others Present: \_\_\_\_\_

Well: <u>Monument 42-113-4-16</u>	Field: <u>Monument B-HH</u>
Well Location: <u>Monument 42-113-4-16</u>	API No: <u>4301330066</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1150</u>	psig
5	<u>1150</u>	psig
10	<u>1150</u>	psig
15	<u>1150</u>	psig
20	<u>1150</u>	psig
25	<u>1150</u>	psig
30 min	<u>1150</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 0 psig

Result: Pass Fail

Signature of Witness: \_\_\_\_\_  
Signature of Person Conducting Test: R. Ly B. Ly



## Daily Activity Report

Format For Sundry

MON 42-11J-9-16

8/1/2012 To 12/30/2012

10/9/2012 Day: 1

Water Isolation

WWS #5 on 10/9/2012 - MIRUSU TOH w/tubing - MIRUSU, ND wellhead, unset packer, strip on BOP's. RU floor and tbg works w/60 bbls water. Circ SV to PSN, test tbg to 3000psi, ok. RU and RIH w/sandline ret SV. POOH and rack out sandline. TOO H tallying tbg w/14 jts 2 7/8" tbg. Swabbing oil up casing, circ well w/30 bbls, cont TOO H w/132 jts LD PSN & 5 1/2 packer. RU WL set pkr @ 4639' RD WL SDFD. - MIRUSU, ND wellhead, unset packer, strip on BOP's. RU floor and tbg works w/60 bbls water. Circ SV to PSN, test tbg to 3000psi, ok. RU and RIH w/sandline ret SV. POOH and rack out sandline. TOO H tallying tbg w/14 jts 2 7/8" tbg. Swabbing oil up casing, circ well w/30 bbls, cont TOO H w/132 jts LD PSN & 5 1/2 packer. RU WL set pkr @ 4639' RD WL SDFD. - MIRUSU, ND wellhead, unset packer, strip on BOP's. RU floor and tbg works w/60 bbls water. Circ SV to PSN, test tbg to 3000psi, ok. RU and RIH w/sandline ret SV. POOH and rack out sandline. TOO H tallying tbg w/14 jts 2 7/8" tbg. Swabbing oil up casing, circ well w/30 bbls, cont TOO H w/132 jts LD PSN & 5 1/2 packer. RU WL set pkr @ 4639' RD WL SDFD. - MIRUSU, ND wellhead, unset packer, strip on BOP's. RU floor and tbg works w/60 bbls water. Circ SV to PSN, test tbg to 3000psi, ok. RU and RIH w/sandline ret SV. POOH and rack out sandline. TOO H tallying tbg w/14 jts 2 7/8" tbg. Swabbing oil up casing, circ well w/30 bbls, cont TOO H w/132 jts LD PSN & 5 1/2 packer. RU WL set pkr @ 4639' RD WL SDFD.

Daily Cost: \$0

Cumulative Cost: \$28,500

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10/10/2012 Day: 2

Water Isolation

WWS #5 on 10/10/2012 - TIH w/ tubing and packer pressure test - PU and talley 2 7/8 stinger 2 3/8" x-over 2 3/8" PSN 2 7/8" x-over PU 17 jts new 2 7/8" tbg breaking and redoping collars. PU packer, cont TIH w/126 jts 2 7/8" tbg. Sting into bottom packer @ 4639'. LD 2 jts space out w/1-8', 2-6', 1-4', 1-2' n-80 tbg subs. PU 1 jt 2 7/8" tbg, flush tbg w/ 40bbls circ SV to PSN test tbg to 3000 psi for 30 min, ok, ret SV. Pump 70bbls fresh water and pakcer fluid down casing. RD floor and tbg works, strip off 5000# BOP's. Sting into bottom pkr, set pkr w/15000# tension at 4085'. NU wellhead and test csg and pkr to 1400psi for 30 min. ROMO. - PU and talley 2 7/8 stinger 2 3/8" x-over 2 3/8" PSN 2 7/8" x-over PU 17 jts new 2 7/8" tbg breaking and redoping collars. PU packer, cont TIH w/126 jts 2 7/8" tbg. Sting into bottom packer @ 4639'. LD 2 jts space out w/1-8', 2-6', 1-4', 1-2' n-80 tbg subs. PU 1 jt 2 7/8" tbg, flush tbg w/ 40bbls circ SV to PSN test tbg to 3000 psi for 30 min, ok, ret SV. Pump 70bbls fresh water and pakcer fluid down casing. RD floor and tbg works, strip off 5000# BOP's. Sting into bottom pkr, set pkr w/15000# tension at 4085'. NU wellhead and test csg and pkr to 1400psi for 30 min. ROMO. - PU and talley 2 7/8 stinger 2 3/8" x-over 2 3/8" PSN 2 7/8" x-over PU 17 jts new 2 7/8" tbg breaking and redoping collars. PU packer, cont TIH w/126 jts 2 7/8" tbg. Sting into bottom packer @ 4639'. LD 2 jts space out w/1-8', 2-6', 1-4', 1-2' n-80 tbg subs. PU 1 jt 2 7/8" tbg, flush tbg w/ 40bbls circ SV to PSN test tbg to 3000 psi for 30 min, ok, ret SV. Pump 70bbls fresh water and pakcer fluid down casing. RD floor and tbg works, strip off 5000# BOP's. Sting into bottom pkr, set pkr w/15000# tension at 4085'. NU wellhead and test csg and pkr to 1400psi for 30 min. ROMO. - PU and talley 2 7/8 stinger 2 3/8" x-over 2 3/8" PSN 2 7/8" x-over PU 17 jts new 2 7/8" tbg breaking and redoping collars. PU packer, cont TIH w/126 jts 2 7/8" tbg. Sting into bottom packer @ 4639'. LD 2 jts space out w/1-8', 2-6', 1-4', 1-2' n-80 tbg subs. PU 1 jt 2 7/8" tbg, flush tbg w/ 40bbls circ SV to PSN test tbg to 3000 psi for 30 min, ok, ret SV. Pump 70bbls fresh water and pakcer fluid down casing. RD floor and tbg works, strip off 5000# BOP's. Sting into

bottom pkr, set pkr w/15000# tension at 4085'. NU wellhead and test csg and pkr to 1400psi for 30 min. ROMO.

**Daily Cost:** \$0

**Cumulative Cost:** \$35,541

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**10/16/2012 Day: 3**

**Water Isolation**

Rigless on 10/16/2012 - Conduct MIT - On 10/10/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 10/12/2012 the csg was pressured up to 1150 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 10/10/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 10/12/2012 the csg was pressured up to 1150 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 10/10/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 10/12/2012 the csg was pressured up to 1150 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 10/10/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 10/12/2012 the csg was pressured up to 1150 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$36,441

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**Pertinent Files: [Go to File List](#)**



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 #42-11J-9-16  
Monument Butte Field, Lease #UTU-096550  
Section 11-Township 9S-Range 16E  
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Balcron Monument Federal #42-11J-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 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 #42-11J-9-16**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-096550**  
**JANUARY 4, 2011**

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STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company  
ADDRESS 1001 17th Street, Suite 2000  
Denver, Colorado 80202

Well Name and number: Balcron Monument Federal 42-11J-9-16  
Field or Unit name: Monument Butte (Green River) Lease No. UTU-096550  
Well Location: QQ SENE section 11 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? ..... Yes [ X ] No [ ]  
Will the proposed well be used for: Enhanced Recovery? ..... Yes [ X ] No [ ]  
Disposal? ..... Yes [ ] No [ X ]  
Storage? ..... Yes [ ] No [ X ]  
Is this application for a new well to be drilled? ..... Yes [ ] No [ X ]  
If this application is for an existing well,  
has a casing test been performed on the well? ..... Yes [ ] No [ X ]  
Date of test: \_\_\_\_\_  
API number: 43-013-30066

Proposed injection interval: from 4017 to 5223  
Proposed maximum injection: rate 500 bpd pressure 1639 psig  
Proposed injection zone contains [ x ] oil, [ ] gas, and/or [ ] fresh water within 1/2  
mile of the well.

**IMPORTANT:** Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Attachments "A" through "H-1"

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

Name: Eric Sundberg Signature   
Title Regulatory Lead Date 1/5/10  
Phone No. (303) 893-0102

(State use only)  
Application approved by \_\_\_\_\_ Title \_\_\_\_\_  
Approval Date \_\_\_\_\_

Comments:

# Monument Federal #42-11j-9-16

Spud Date: 6/28/1994 (Re-entry)  
 Put on Production: 8/01/1994  
 GL: 5554' KB: 5564'

Initial Production: 33 BOPD,  
 NM MCFD, 0 BWPD

## Proposed Injection Wellbore Diagram

### SURFACE CASING

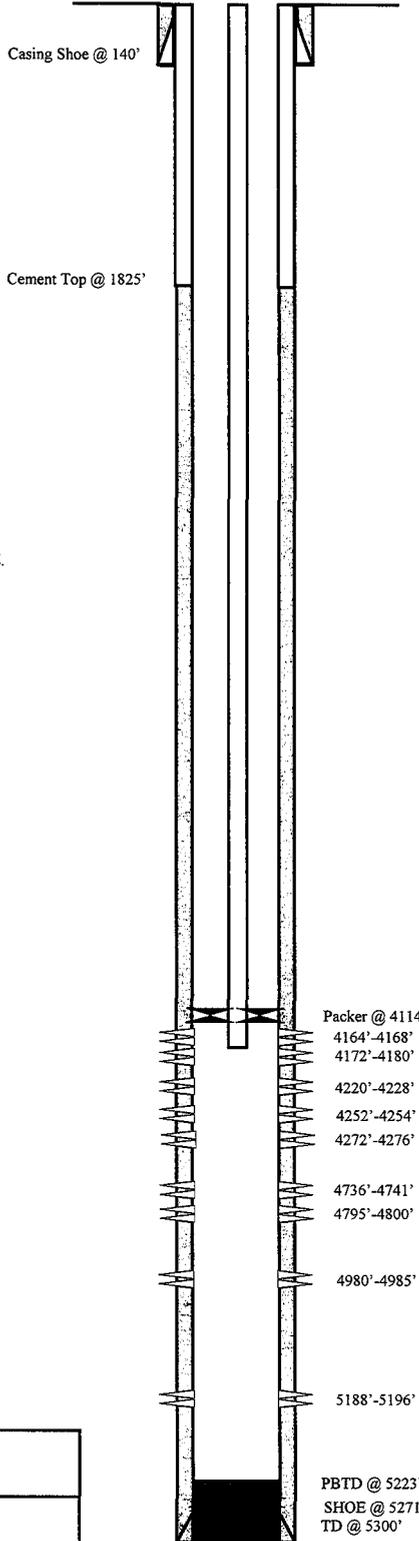
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 DEPTH LANDED: 140' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs cement.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 122 jts. (5261.75')  
 DEPTH LANDED: 5270.75'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 290 sxs Super "G" & 150 sxs 50/50 POZ.  
 CEMENT TOP AT: 1825' per CBL

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
 NO. OF JOINTS: 154 jts (4946.9)  
 TUBING ANCHOR: 4956.9'  
 NO. OF JOINTS: 2 jt (62.5')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5022.2'  
 NO. OF JOINTS: 1 jts (32.1')  
 TOTAL STRING LENGTH: EOT @ 5056'



### FRAC JOB

7/16/94	5188'-5196'	<b>Frac zone as follows:</b> 14,860# 20/40 sand + 11,600# 16/30 sand in 290 bbls 2% KCl frac fluid. Treated @ avg press of 3000 psi w/avg rate of 30 BPM. ISIP 4400 psi. Screened out with 1660# sand left in casing.
7/16/94	4736'-4741'	<b>Frac zone as follows:</b> 14,100# 16/30 sand in 220 bbls 2% KCl frac fluid. Treated @ avg press of 4550 psi w/avg rate of 25 BPM. ISIP 1670 psi.
3/23/02		Tubing leak. Update rod and tubing details.
11/6/02	4736'-5196'	<b>Frac D,B,A Sands as follows:</b> 70,000# 20/40 sand in 538 bbls Viking 1-25 frac fluid. Treated @ avg press of 1975 psi w/avg rate of 26.5 BPM. ISIP 2420 psi. Calc flush: 4736 gal. Actual flush: 4662 gal.
11/6/02	4164'-4276'	<b>Frac GB,PT Sands as follows:</b> 95,021# 20/40 sand in 674 bbls Viking 1-25 frac fluid. Treated @ avg press of 1825 psi w/avg rate of 25 BPM. ISIP 2080 psi. Calc flush: 4164 gal. Actual flush: 4074 gal.
6-1-05		Parted Rods , updated Rod Detail
11-2-07		Tubing Leak, Updated rod & tubing details.
3/4/09		Parted rods. Updated r & t details.
5/7/2010		Tubing leak. Updated rod and tubing detail.

### PERFORATION RECORD

7/14/94	5188'-5196'	4 JSPF	32 holes
7/16/94	4736'-4741'	4 JSPF	20 holes
<b>RE-PERF</b>	11/5/02	5188'-5196'	5 JSPF 40 holes
	11/5/02	4980'-4985'	4 JSPF 20 holes
	11/5/02	4795'-4800'	4 JSPF 20 holes
<b>RE-PERF</b>	11/5/02	4736'-4741'	5 JSPF 25 holes
	11/6/02	4272'-4276'	4 JSPF 16 holes
	11/6/02	4252'-4254'	4 JSPF 8 holes
	11/6/02	4220'-4228'	4 JSPF 32 holes
	11/6/02	4172'-4180'	4 JSPF 32 holes
	11/6/02	4164'-4168'	4 JSPF 16 holes

**NEWFIELD**

**Monument Federal #42-11J-9-16**

1991' FNL & 495' FEL

SENE Section 11-T9S-R16E

Duchesne Co, Utah

API #43-013-30066; Lease #UTU-096550

## 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 #42-11J-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 #42-11J-9-16 well, the proposed injection zone is from Garden Gulch to Basal Limestone (4017' - 5223'). 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 3691' and the TD is at 5300'.

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

The referenced log for the Balcron Monument Federal #42-11J-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-096550) 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 8-5/8", 24# surface casing run to 140' KB, and 5-1/2", 15.5# casing run from surface to 5271' 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 proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1639 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 #42-11J-9-16, for existing perforations (4164' - 5196') calculates at 0.79 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 1639 psig. We may add additional perforations between 3691' and 5300'. 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 #42-11J-9-16, the proposed injection zone (4017' - 5223') 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-14.

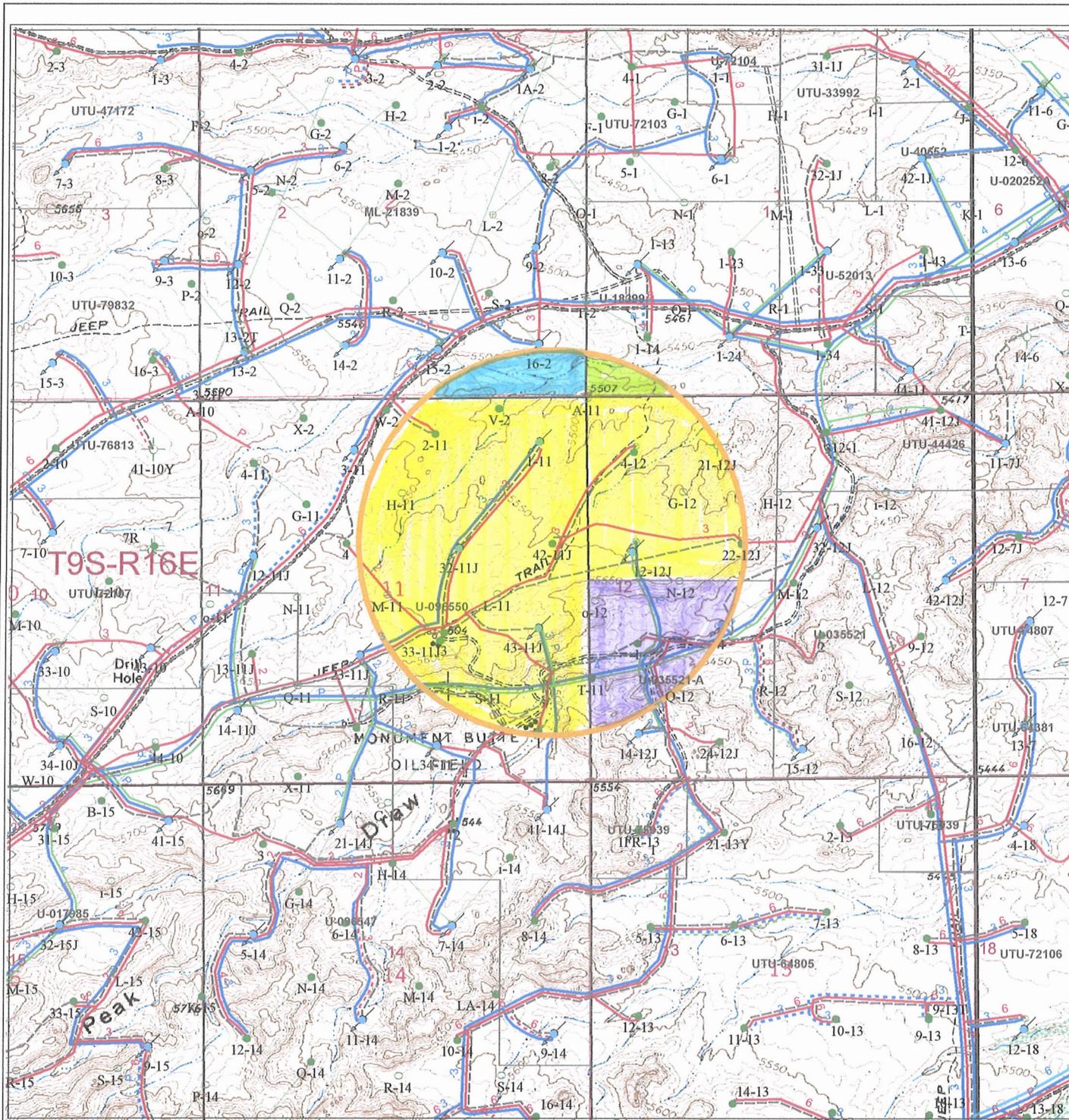
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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



**42-11j-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

**Countyline**

**Injection system**

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

**Leases**

**Mining tracts**

**Gas Pipelines**

- Gathering lines
- Proposed lines

UTU-096580  
 ML-21839  
 UTU-035521  
 UTU-18399

Mon 42-11j  
 Section 11, T9S-R16E

**NEWFIELD**  
 ROCKY MOUNTAINS 1" = 2000'

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

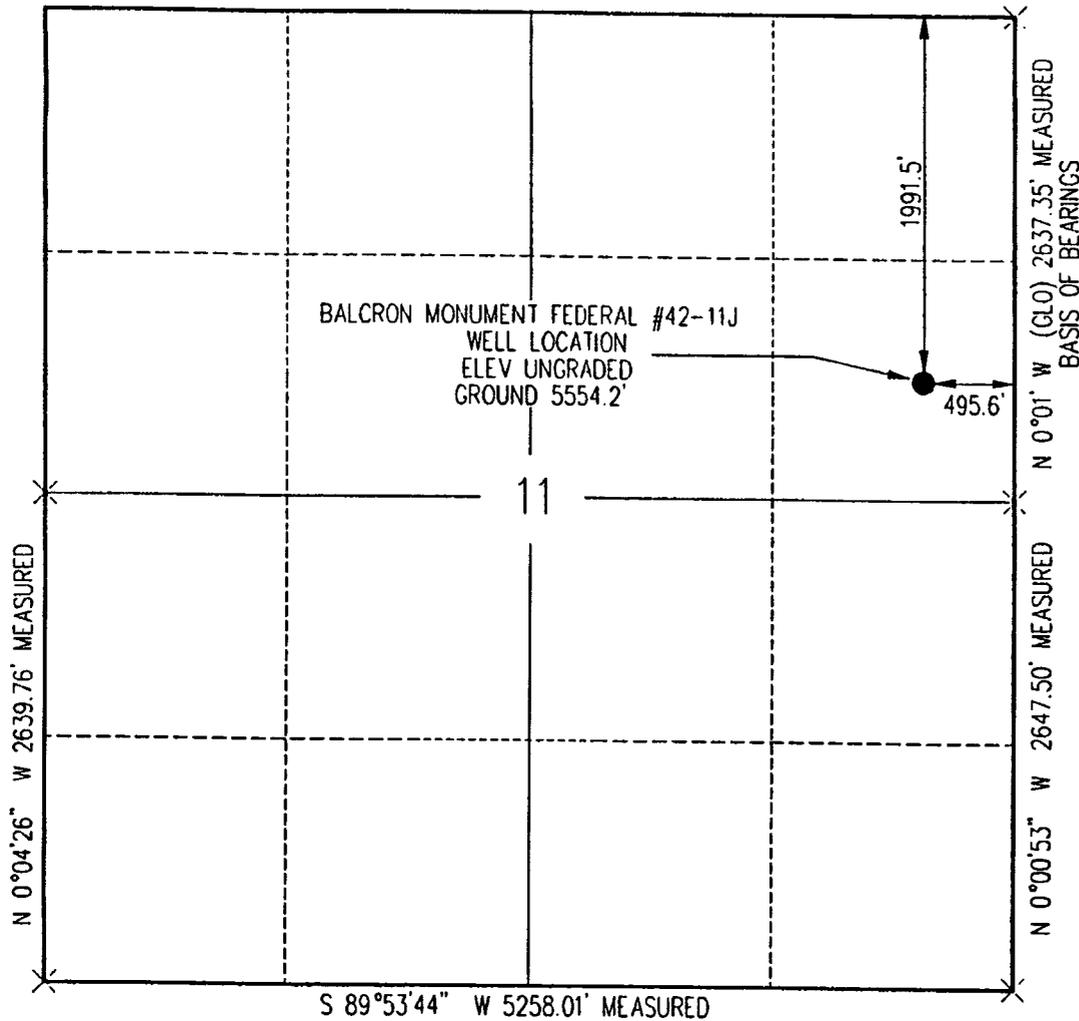
1001 17th Street Suite 2000  
 Denver, Colorado 80202  
 Phone: (303) 893-0102

October 5, 2010

EXHIBIT "K"

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

S 89°56' W (GLO)



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)

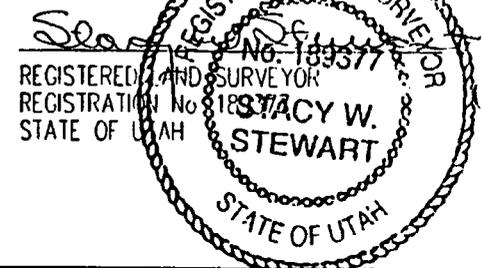
# ATTACHMENT A-1

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON MONUMENT FEDERAL  
 #42-11J, LOCATED AS SHOWN IN THE SE 1/4  
 NE 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



WEATHER: STORMY & COLD  
 DATE: 2/10/94  
 SCALE: 1" = 1000'  
 SURVEYED BY: SS CB  
 FILE: MF 42-11J



**EXHIBIT B**

<b>#</b>	<b>Legal Description</b>	<b>Lessor &amp; Expiration</b>	<b>Lessee &amp; Operating Rights</b>	<b>Surface Owner</b>
1	<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
2	<u>T9S,R16E SLM</u> Section 2: All	State of Utah ML-21839 HBP	Newfield Production Company Newfield RMI LLC AGK Energy, LLC Marian Brennan War-Gal, LLC Deer Valley, LTD Jack J. Rawitscher Davis Resources Raymond Chorney Thomas I. Jackson Davis Brothers, LLC Beverly Sommer Chorney Oil Company International Drilling Services	State of Utah
3	<u>T9S,R16E SLM</u> Section 12: SW	USA UTU-035521-A HBP	Newfield Production Company Newfield RMI LLC Carl B. Field Thomas J. Lambert Montana & Wyoming Oil Co. Vaughey & Vaughey Bonnie B. Warne John R. Warne	USA
4	<u>T9S,R16E SLM</u> Section 1: SW	USA UTU-18399 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 #42-11J-9-16

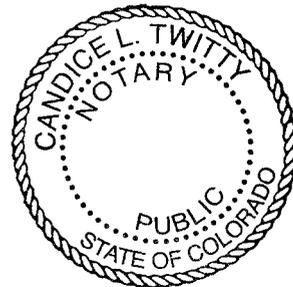
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

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: Candice L. Twitty

My Commission Expires: 02/10/2013



## Monument Federal #42-11j-9-16

Spud Date: 6/28/1994 (Re-entry)  
Put on Production: 8/01/1994

GL: 5554' KB: 5564'

Initial Production: 33 BOPD,  
NM MCFD, 0 BWPD

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
DEPTH LANDED: 140' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 150 sxs cement.

#### PRODUCTION CASING

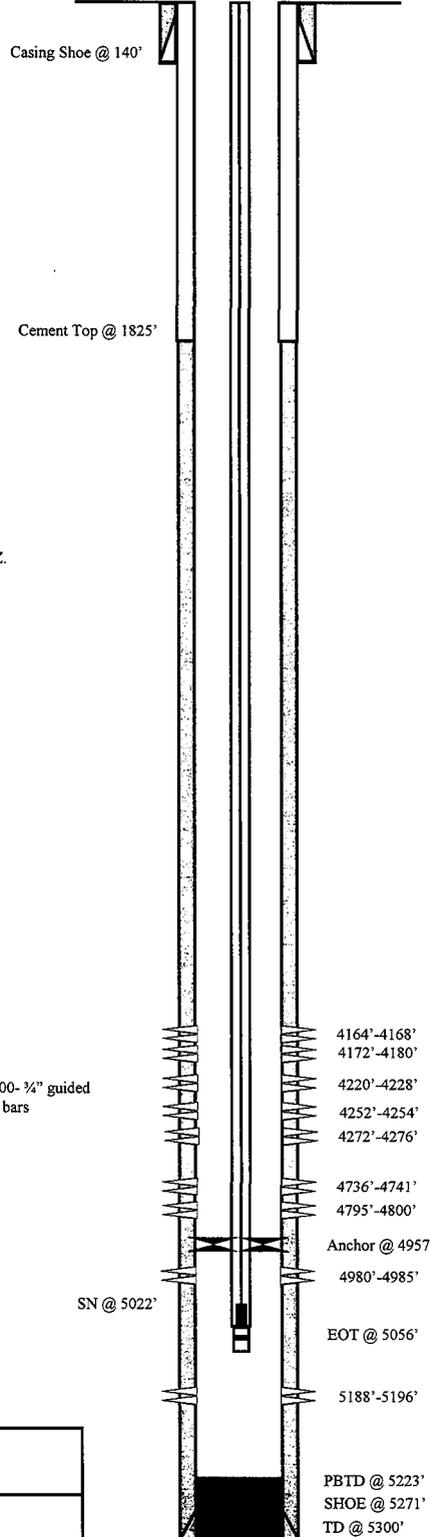
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WEIGHT: 15.5#  
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DEPTH LANDED: 5270.75'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 290 sxs Super "G" & 150 sxs 50/50 POZ.  
CEMENT TOP AT: 1825' per CBL

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 154 jts (4946.9)  
TUBING ANCHOR: 4956.9'  
NO. OF JOINTS: 2 jt (62.5')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5022.2'  
NO. OF JOINTS: 1 jts (32.1')  
TOTAL STRING LENGTH: EOT @ 5056'

#### SUCKER RODS

POLISHED ROD: 1-1/4" x 26'  
SUCKER RODS: 1-2' x 3/4" pony rod, 1-6' x 3/4" pony rod, 100-3/4" guided rods, 53-3/4" sucker rods, 42-3/4" guided rods, 6-1 1/2" weight bars  
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC  
STROKE LENGTH: 86"  
PUMP SPEED, SPM:



#### FRAC JOB

Date	Depth	Description
7/16/94	5188'-5196'	<b>Frac zone as follows:</b> 14,860# 20/40 sand + 11,600# 16/30 sand in 290 bbls 2% KCl frac fluid. Treated @ avg press of 3000 psi w/avg rate of 30 BPM. ISIP 4400 psi. Screened out with 1660# sand left in casing.
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3/23/02		Tubing leak. Update rod and tubing details.
11/6/02	4736'-5196'	<b>Frac D,B,A Sands as follows:</b> 70,000# 20/40 sand in 538 bbls Viking 1-25 frac fluid. Treated @ avg press of 1975 psi w/avg rate of 26.5 BPM. ISIP 2420 psi. Calc flush: 4736 gal. Actual flush: 4662 gal.
11/6/02	4164'-4276'	<b>Frac GB,PT Sands as follows:</b> 95,021# 20/40 sand in 674 bbls Viking 1-25 frac fluid. Treated @ avg press of 1825 psi w/avg rate of 25 BPM. ISIP 2080 psi. Calc flush: 4164 gal. Actual flush: 4074 gal.
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3/4/09		Parted rods. Updated r & t details.
5/7/2010		Tubing leak. Updated rod and tubing detail.

#### PERFORATION RECORD

Date	Depth	Perforation Type	Holes
7/14/94	5188'-5196'	4 JSPF	32 holes
7/16/94	4736'-4741'	4 JSPF	20 holes
<b>RE-PERF</b>	11/5/02	5 JSPF	40 holes
	11/5/02	4 JSPF	20 holes
	11/5/02	4 JSPF	20 holes
<b>RE-PERF</b>	11/5/02	5 JSPF	25 holes
	11/6/02	4 JSPF	16 holes
	11/6/02	4 JSPF	8 holes
	11/6/02	4 JSPF	32 holes
	11/6/02	4 JSPF	32 holes
	11/6/02	4 JSPF	16 holes

**NEWFIELD**

**Monument Federal #42-11J-9-16**

1991' FNL & 495' FEL

SENE Section 11-T9S-R16E

Duchesne Co, Utah

API #43-013-30066; Lease #UTU-096550

## Jonah Federal #1-11-9-16

Spud Date: 9/18/00  
 Put on Production: 2/16/01  
 GL: 5573' KB: 5583'

Initial Production: 187 BOPD,  
 208 MCFD, 14 BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (298.67')  
 DEPTH LANDED: 305'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 155 sxs Class "G" cmt

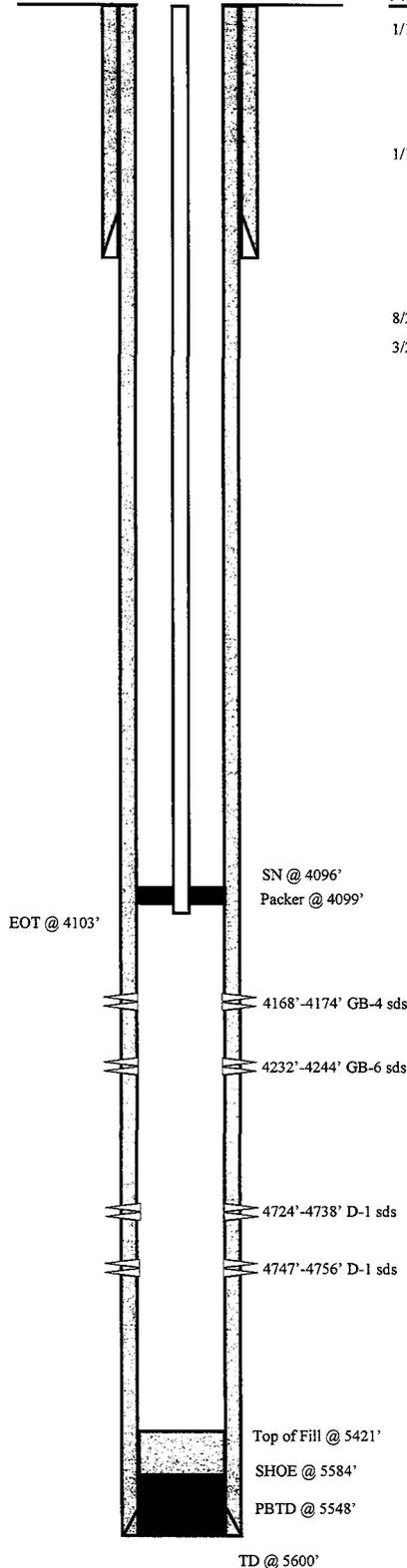
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 132 jts. (5588.12')  
 DEPTH LANDED: 5584'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 275 sx Prem. Lite II mixed & 400 sx 50/50 POZ.

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 126 jts (4084.58')  
 SEATING NIPPLE: 2-3/8" (1.10')  
 SN LANDED AT: 4095.68'  
 PACKER AT: 4099'  
 TOTAL STRING LENGTH: EOT @ 4103'

Injection Wellbore  
 Diagram



### FRAC JOB

1/15/01	4724'-4756'	<b>Frac D1 sand as follows:</b> 89,625# 20/40 sand in 644 bbls Viking I-25 fluid. Perfs broke back @ 3010 psi. Treated @ avg press of 1900 psi w/ avg rate of 30.1 BPM. ISIP - 2390 psi. Left pressure on well.
1/15/01	4168'-4244'	<b>Frac GB sand as follows:</b> 48,000# 20/40 sand in 425 bbls Viking I-25 fluid. Perfs broke back @ 1850 psi @ 3.5 BPM. Treated @ avg press of 1870 psi w/avg rate of 30.3 BPM. ISIP 1865 psi. Started flowback immediately on 12/64" choke @ 1 BPM. Flowed 3-3/4 hrs & died. Rec. 163 BTf.
8/30/02		Pump change. Update tubing details.
3/21/03		Conversion to Injector.

### PERFORATION RECORD

1/15/01	4724'-4738'	4 JSPF	56 holes
1/15/01	4747'-4756'	4 JSPF	36 holes
1/15/01	4168'-4174'	4 JSPF	24 holes
1/15/01	4232'-4244'	4 JSPF	48 holes

**NEWFIELD**

**Jonah Federal #1-11-9-16**  
 660 FNL & 660 FEL  
 NE/NE Section 11-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32157; Lease #UTU-096550

## Jonah Federal #2-11-9-16

Spud Date: 9/13/00  
 Put on Production: 11/06/00  
 GL: 5546' KB: 5556'

Initial Production: 104 BOPD,  
 103 MCFD, 5 BWPD

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (286.55')  
 DEPTH LANDED: 293'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 155 sxs Class "G" cmt

Casing shoe @ 293'

Cement top @ 350'

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 132 jts. (5599.54')  
 DEPTH LANDED: 5595.54'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 275 sx Prem. Lite II mixed & 400 sx 50/50 POZ.  
 Top of Cement @ 350'

#### TUBING

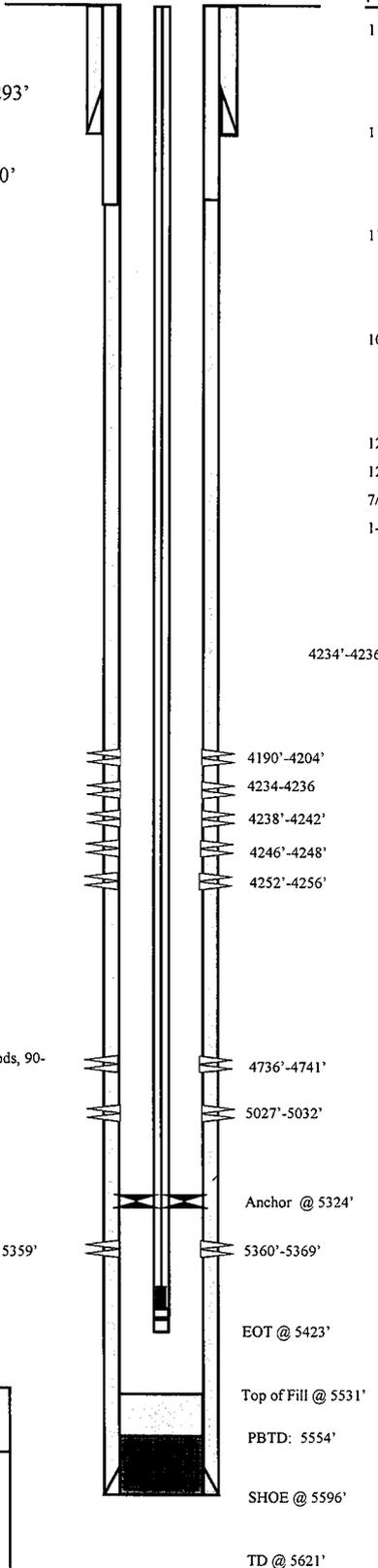
SIZE/GRADE/WT.: 2-7/8" / J-55  
 NO. OF JOINTS: 170 jts (5313.65')  
 TUBING ANCHOR: 5323.65' KB  
 NO. OF JOINTS: 1 jt (32.62')  
 SEATING NIPPLE: 2-3/8" (1.10")  
 SN LANDED AT: 5359.07' KB  
 NO. OF JOINTS: 2 jts (62.65')  
 TOTAL STRING LENGTH: EOT @ 5423.27' KB

#### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod  
 SUCKER RODS: 1-8", 1-4", 1-2' x 3/4" pony rods, 92-3/4" scraped rods, 90-3/4" plain rods, 25-3/4" scraped rods, 6-1 1/2" weight rods  
 PUMP SIZE: Axelson, 2 1/2" x 1 1/2" x 15.5' RHAC Cent Hyd pump  
 STROKE LENGTH: 64"  
 PUMP SPEED, SPM: 4 SPM

#### FRAC JOB

11/01/00	5360'-5369'	<b>Frac LoDC sands as follows:</b> 45,000# 20/40 sand in 346 bbls Viking I-25 fluid. Treated @ avg press of 2500 psi w/ avg rate of 25 BPM. ISIP - 2640 psi. Calc. flush: 5360 gal. Actual flush: 5292 gal.
11/01/00	5027'-5032'	<b>Frac B2 sands as follows:</b> 25,800# 20/40 sand in 227 bbls Viking I-25 fluid. Treated @ avg press of 2400 psi w/ avg rate of 25 BPM. ISIP 2000 psi. Calc. flush: 5027 gal. Actual flush: 4956 gal.
11/01/00	4736'-4741'	<b>Frac D1 sands as follows:</b> 28,120# 20/40 sand in 288 bbls Viking I-25 fluid. Treated @ avg press of 2200 psi w/ avg rate of 25.5 BPM. ISIP 2200 psi. Calc. flush: 4736 gal. Actual flush: 4662 gal.
10/31/02	4190'-4256'	<b>Frac CB4 and CB6 sands as follows:</b> 81,949# 20/40 sand in 602 bbls Viking I-25 fluid. Treated @ avg pressure of 1925 psi w/ avg rate of 25 BPM. ISIP 2080 psi. Calc. flush: 4190. Actual flush: 4116.
12/23/05		Tubing leak. Update rod and tubing details.
12-18-07		Parted rods. Updated rod & tubing details.
7/21/08		parted rods. Updated tubing and rod detail.
1-3-09		Parted Rods. Updated rod & tubing details.



#### PERFORATION RECORD

Date	Interval	Tool	Holes
11/01/00	5360'-5269'	4 JSPF	36 holes
11/01/00	5027'-5032'	4 JSPF	20 holes
11/01/00	4736'-4741'	4 JSPF	20 holes
10/30/02	4252'-4256'	4 JSPF	16 holes
10/30/02	4246'-4248'	4 JSPF	8 holes
10/30/02	4238'-4242'	4 JSPF	16 holes
10/30/02	4234'-4236'	4 JSPF	8 holes
10/30/02	4190'-4204'	4 JSPF	56 holes

**NEWFIELD**

**Jonah Federal #2-11-9-16**

492 FNL & 2075 FWL

NW/NE Section 11-T9S-R16E

Duchesne Co, Utah

API #43-013-32158; Lease #U-096550

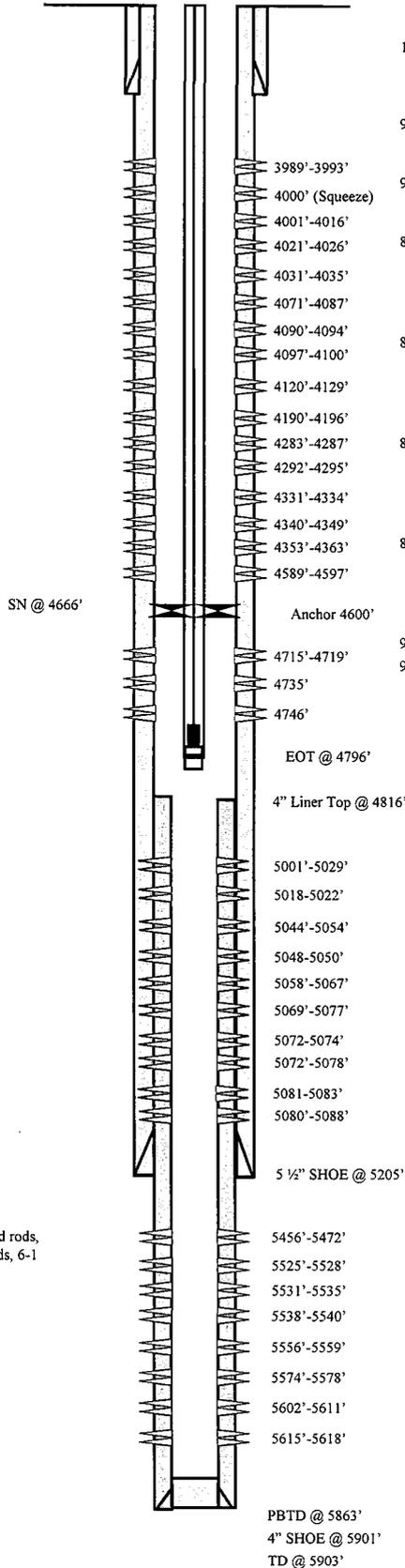
## Walton Federal #1

### 16-11-9-16

Spud Date: 4/01/1964  
GL: 5501' KB: 5513'

Initial Production: 1073 BOPD,  
100 MCFG

#### Wellbore Diagram



#### FRAC JOB

5/07/64	5007'-5020'	<b>Frac zone as follows:</b> 21,000# 20/40 sand + 2000# 8/12 beads in 500 bbl crude oil. Treated @ 3750 psi @ 37 BPM.
5/07/64	4735'-4746'	<b>Frac zone as follows:</b> 20,000# 20/40 sand + 2000# 8/12 beads in 475 bbl crude oil. Treated @ 3700 psi @ 32 BPM.
10/05/66	4735'-5084'	<b>Frac zone as follows:</b> 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'	<b>Frac zone as follows:</b> 29,760# 16/30 sand in 168 bbl KCl. Treated @ 3450 psi @ 13 BPM, ISIP 1990 psi.
9/25/96	4589'-4746'	<b>Frac zone as follows:</b> 12,000# 16/30 sand in 212 bbl KCl. Treated @ 2900 psi @ 22.5 BPM, ISIP 2520 psi.
8/11/03	5456'-5618'	<b>Frac CP1, CP2, &amp; CP3 sands as follows:</b> 120,283# 20/40 sand in 879 Bbls Viking I-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'	<b>Re-Frac D1 sands as follows:</b> 20,026# 20/40 sand in 235 Bbls Viking I-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'	<b>Frac PB7, PB10, &amp; PB11 sands as follows:</b> 65,480# 20/40 sand in 485 Bbls Viking I-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'	<b>Frac GB2, GB4, and GB6 sands as follows:</b> 155,102# 20/40 sand in 996 Bbls Viking I-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		<b>Re-Completion</b>
9/14/10	5018-5083'	<b>Frac A1 &amp; A3 sands as follows:</b> 33495# 20/40 sand in 261 bbls Lightning 17 fluid.

#### 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
08/1982	4589'-4597'		?? 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	4590'-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

#### 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: ????? After squeeze  
4" Liner Top @ 4816'

#### TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#  
NO. OF JOINTS: 146 jts (4588.2')  
TUBING ANCHOR: 4600.2'  
NO. OF JOINTS: 2 jts (62.9')  
SEATING NIPPLE: 2 7/8" (1.10')  
SN LANDED AT: 4666' KB  
NO. OF JOINTS: 1 jts (31')  
TOTAL STRING LENGTH: EOT @ 4796' W/ 12' KB

#### SUCKER RODS

POLISHED ROD: 1 1/2" x 22' SM  
SUCKER RODS: 1-2' x 3/4", 2-8' x 3/4" pony rods, 91 - 3/4" guided rods, 40 - 3/4" sucker rods, 28 - 3/4" guided rods, 20 - 3/4" 4per guided rods, 6-1 1/2" sinker bars  
PUMP SIZE: 2 1/2" x 1 3/4" x 16' x 20' RHAC  
STROKE LENGTH: 86  
PUMP SPEED, SPM: 5 SPM

### NEWFIELD

**Walton Federal #1 16-11-9-16**  
705' FSL & 704' FEL  
SESE Section 11-T9S-R16E  
Duchesne Co, Utah  
API #43-013-15792; Lease #U-096550

## Monument Federal 32-11J-9-16

Spud Date: 8/23/93  
 Put on Production: 10/06/93  
 GL: 5577' KB: 5587'

Initial Production: 25 BOPD,  
 15 MCFD, 10 BWPD

### Injection Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (267.54')  
 DEPTH LANDED: 275'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs Premium, est 4 bbls cmt to surf.

#### PRODUCTION CASING

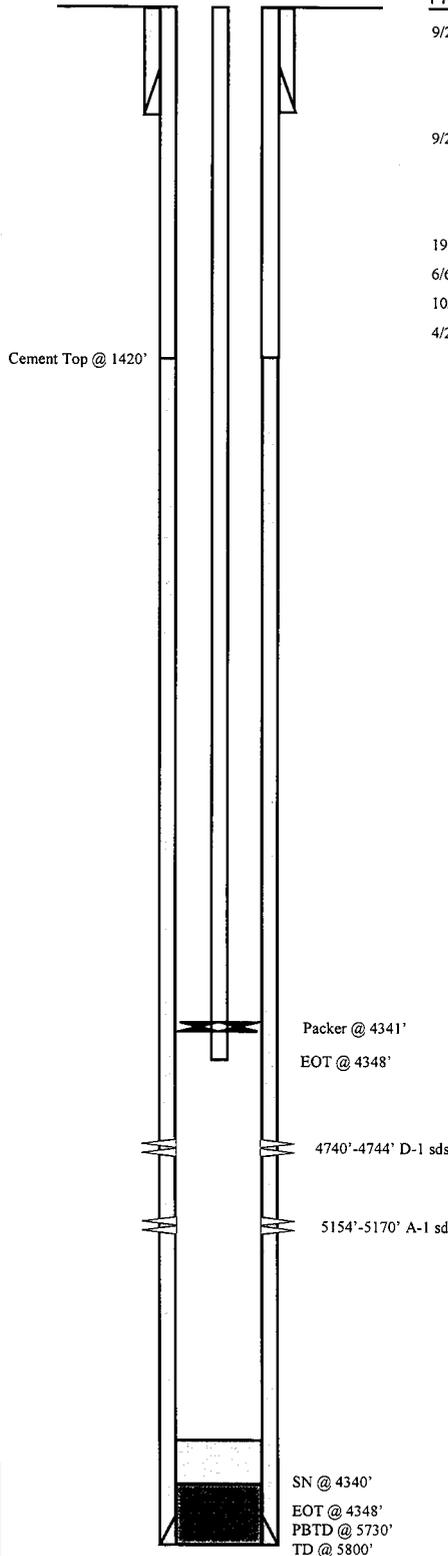
CSG SIZE: 5-1/2"  
 GRADE: K-55  
 WEIGHT: 15.5#  
 LENGTH: 133 jts. (5722')  
 DEPTH LANDED: 5774.96'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 231 sxs Hilift & 351 sxs Class "G".  
 CEMENT TOP AT: 1420' per CBL

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 140 jts (4339.9')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4339.9' KB  
 CE @ 4341'  
 TOTAL STRING LENGTH: EOT @ 4348'

#### FRAC JOB

9/20/93 5154'-5170'  9/22/93 4740'-4744'  1994 6/6/05 10/07/09 4/29/10	5154'-5170'  4740'-4744'  Convert to Injection well 5 Yr MIT Zone Stimulation. No tubing or rod detail. 5 Yr MIT	<b>Frac zone as follows:</b> 43,460# 16/30 sand in 509 bbls frac fluid. Treated @ avg press of 1800 psi w/avg rate of 20 BPM. ISIP 1635 psi. Calc. flush: 5154 gal, Actual flush: 4914 gal.  <b>Frac zone as follows:</b> 10,000# 16/30 sand in 271 bbls frac fluid. Treated @ avg press of 2900 psi w/avg rate of 13 BPM. ISIP 1850 psi. Calc. flush: 4740 gal, Actual flush: 4703 gal.
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#### PERFORATION RECORD

9/17/93	5154'-5170'	2 JSPF	12 holes
9/22/93	4740'-4744'	2 JSPF	08 holes

**NEWFIELD**

**Monument Federal 32-11J-9-16**  
 2059' FNL & 1763' FEL  
 SWNE Section 11-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31386; 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

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

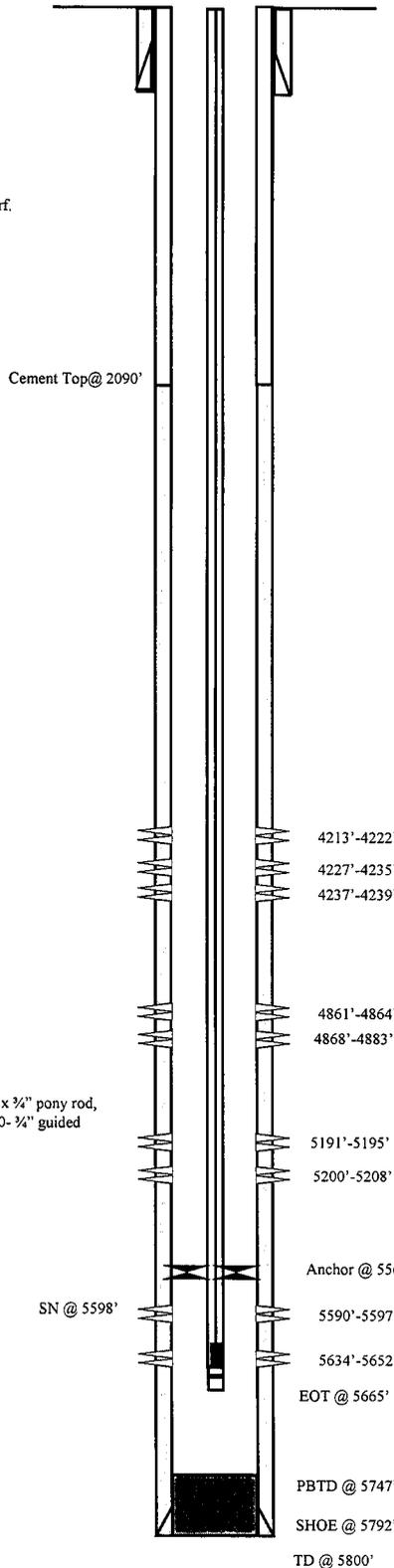
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 172 jts (5553.8')  
 TUBING ANCHOR: 5563.8' KB  
 NO. OF JOINTS: 1 jt (31.5')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5598.1' KB  
 NO. OF JOINTS: 2 jts. (65.0')  
 TOTAL STRING LENGTH: EOT @ 5665'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM  
 SUCKER RODS: 1-2' x 3/4" pony rod, 1-4' x 3/4" pony rod, 1-6' x 3/4" pony rod, 1-8' x 3/4" pony rod, 109-3/4" guided rods, 57-3/4" sucker rods, 50-3/4" guided rods, 6-1 1/2" weight bars  
 PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 5 SPM

### FRAC JOB

7/06/94	5191'-5208'	<b>Frac A3 zone as follows:</b> 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'	<b>Frac C-sd zone as follows:</b> 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'	<b>Frac CP1/CP2 sands as follows:</b> 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'	<b>Frac GB6 sands as follows:</b> 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 r & t details.
5/3/2010		Pump changed. Updated rod and tubing detail.



### PERFORATION RECORD

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 #U-096550

# Monument Fed. 43-11J-9-16

Spud Date: 11/15/84  
 Plug & Abandoned: 11/29/84  
 Re-enter: 7/07/94  
 Put on Production: 8/10/94  
 Put on Injection: 10/29/94  
 GL: 5581' KB: 5592'

Initial Production: 35 BOPD,  
 NM MCFD, 0 BWPD

## Injection Wellbore Diagram

### SURFACE CASING

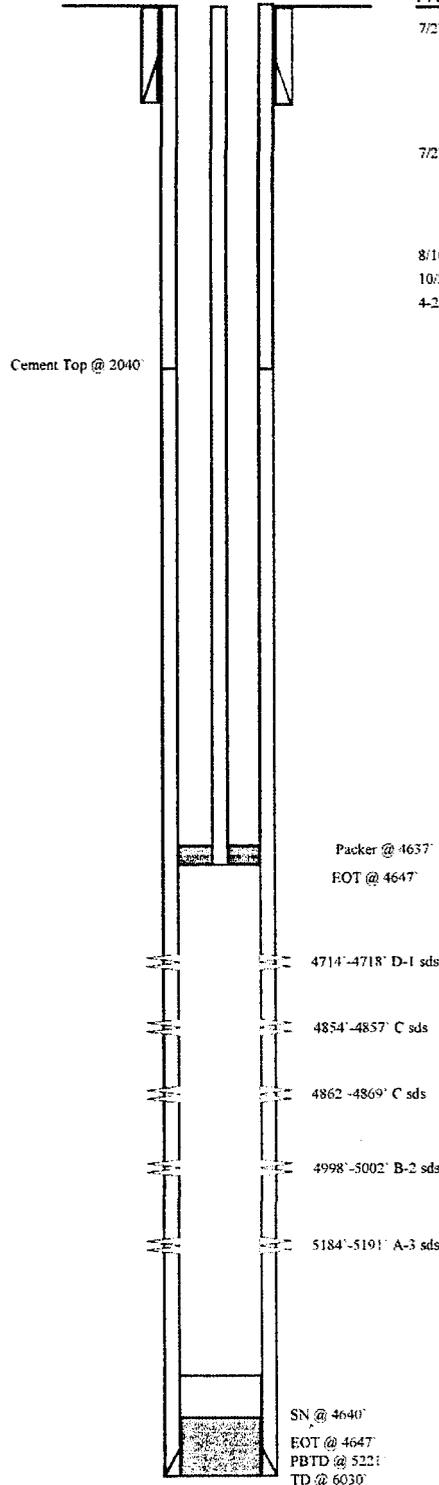
CSG SIZE 8-5/8"  
 GRADE J-55  
 WEIGHT 24#  
 DEPTH LANDED 282'  
 HOLE SIZE 12-1/4"  
 CEMENT DATA: 190 sxs Class "G" cement

### PRODUCTION CASING

CSG SIZE 5-1/2"  
 GRADE J-55  
 WEIGHT 15.5#  
 LENGTH: 121 jts (5243.20')  
 DEPTH LANDED: 5251.20' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 272 sxs Super "G" & 180 sxs 50/50 POZ.  
 CEMENT TOP AT: 2040' per CBL

### TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO OF JOINTS: 149 jts (4628.30')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4640.40' KB  
 CE: @ 4637'  
 TOTAL STRING LENGTH: EOT @ 4647.20'



### FRAC JOB

Date	Depth Range	Details
7/27/94	4998'-5191'	<b>Frac zone as follows:</b> 19,860# 20/40 sand + 5,100# 16/50 sand in 366 bbls 2% KCl. Treated @ avg press of 4000 psi w/avg rate of 20.7 BPM. ISIP 2250 psi. Calc. flush: 4998 gal. Actual flush: 4998 gal
7/27/94	4714'-4867'	<b>Frac zone as follows:</b> 54,380# 16/30 sand in 421 bbls 2% KCl Treated @ avg press of 3530 psi w/avg rate of 20 BPM ISIP 2350 psi. Calc flush: 4714 gal Actual flush 4704 gal
8/10/94		Put on Production
10/29/94		Put on Injection
4-29-10		5 yr MIT

### PERFORATION RECORD

Date	Depth Range	SPF	Holes
7/25/94	5184'-5191'	1 SPF	07 holes
7/25/94	4998'-5002'	1 SPF	04 holes
7/27/94	4862'-4869'	1 SPF	04 holes
7/27/94	4854'-4857'	1 SPF	03 holes
7/27/94	4714'-4718'	1 SPF	04 holes



Monument Fed. 43-11j-9-16  
 2127' FSL & 693' FEL  
 NESE Section 11-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31002; Lease #U-096550

## Jonah Federal T-11-9-16

Spud Date: 09/25/2009  
 Put on Production: 11/02/2009  
 GL: 5503' KB: 5515'

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (307.66')  
 DEPTH LANDED: 319.51'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

#### PRODUCTION CASING

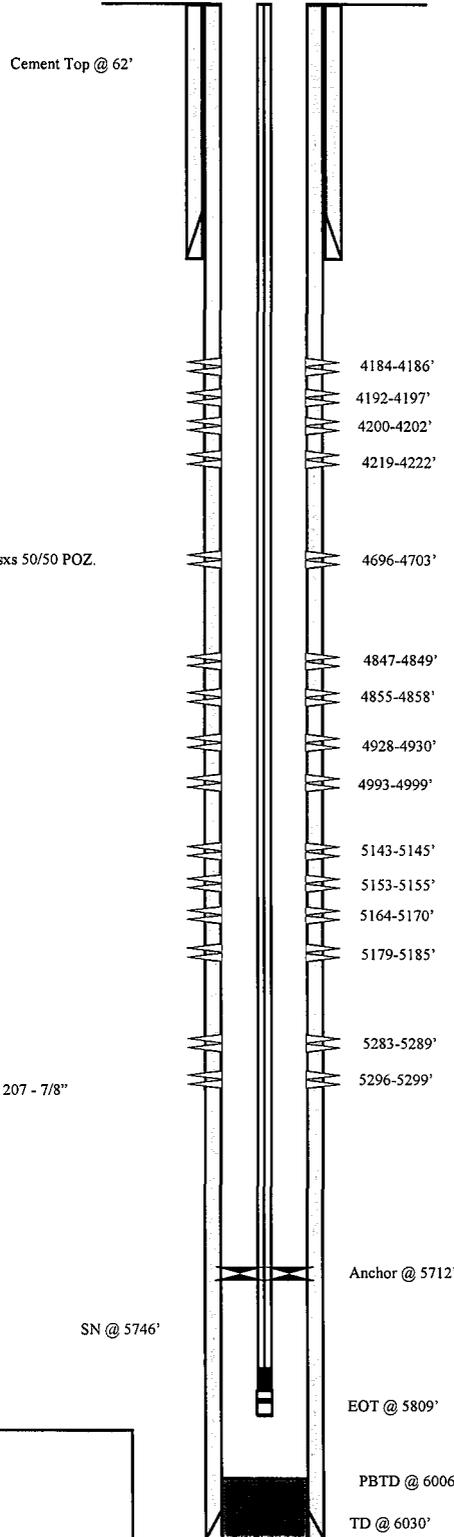
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 134 jts. (5994.88')  
 HOLE SIZE: 7-7/8"  
 TOTAL DEPTH: 6028.13'  
 CEMENT DATA: 250 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 62'

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 179 jts (5700')  
 TUBING ANCHOR: 5712'  
 NO. OF JOINTS: 1 jts (31.5')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 5746.3' KB  
 NO. OF JOINTS: 2 jts (61.5')  
 TOTAL STRING LENGTH: EOT @ 5809'

#### SUCKER RODS

POLISHED ROD: 1-1/2" x 30'  
 SUCKER RODS: 1 - 2' x 7/8", 1 - 8' x 7/8" pony rods, 207 - 7/8"  
 8per guided rods, 4 - 1 1/2" weight bars  
 PUMP SIZE: 2 1/2 x 1 3/4 x 17' x 24' RHAC  
 STROKE LENGTH: 144  
 PUMP SPEED: SPM 6



#### FRAC JOB

11-03-09	5283-5299'	<b>Frac LODC sands as follows:</b> Frac with 16631# 20/40 sand in 106 bbls Lightning 17 fluid.
11-03-09	5143-5185'	<b>Frac A1 &amp; A3 sands as follows:</b> Frac with 90329# 20/40 sand in 544 bbls Lightning 17 fluid.
11-03-09	4847-4999'	<b>Frac B2, C &amp; B.5 sands as follows:</b> Frac with 60136# 20/40 sand in 370 bbls Lightning 17 fluid.
11-03-09	4696-4703'	<b>Frac D1 sands as follows:</b> Frac with 14128# 20/40 sand in 124 bbls Lightning 17 fluid.
11-03-09	4184-4222'	<b>Frac GB6 sands as follows:</b> Frac with 27979# 20/40 sand in 223 bbls Lightning 17 fluid.

#### PERFORATION RECORD

5296-5299'	3 JSPF	holes
5283-5289'	3 JSPF	holes
5179-5185'	3 JSPF	holes
5164-5170'	3 JSPF	holes
5153-5155'	3 JSPF	holes
5143-5145'	3 JSPF	holes
4993-4999'	3 JSPF	holes
4928-4930'	3 JSPF	holes
4855-4858'	3 JSPF	holes
4847-4849'	3 JSPF	holes
4696-4703'	3 JSPF	holes
4219-4222'	3 JSPF	holes
4200-4202'	3 JSPF	holes
4192-4197'	3 JSPF	holes
4184-4186'	3 JSPF	holes

**NEWFIELD**

**Jonah Federal T-11-9-16**  
 709' FSL & 725' FEL  
 Section 11, T9S, R16E  
 Duchesne Co, Utah  
 API # 43-013-34080; Lease # UTU-096550

## South Monument Butte V-2 9-16

Spud Date: 4-1-10  
 Put on Production: 5-3-10  
 GL: 5530' KB: 5542'

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 23 jts. (1010.11')  
 DEPTH LANDED: 1019.96'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 500 sxs Class "G" cmt

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 1145ts. (6318.17')  
 HOLE SIZE: 7-7/8"  
 TOTAL DEPTH: 6426334.17'  
 CEMENT DATA: 250 Prem. Lite II mixed & 425sxs 50/50 POZ.  
 CEMENT TOP AT: 90'

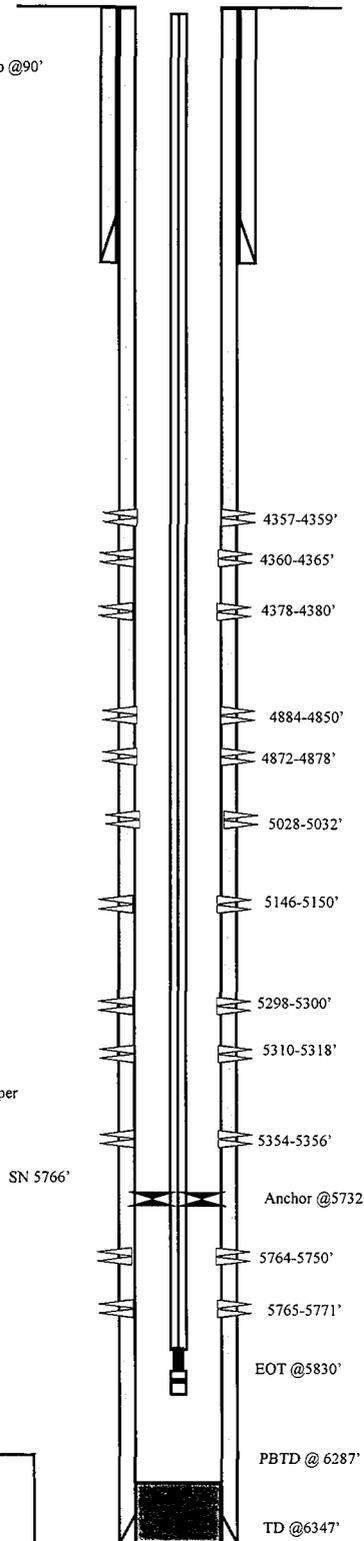
**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 158jts (5718.8')  
 TUBING ANCHOR: 5731.8'  
 NO. OF JOINTS 1jts (34.4')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 5766.0' KB  
 NO. OF JOINTS: 2jts (62.9')  
 TOTAL STRING LENGTH: EOT @ 5830'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 30'  
 SUCKER RODS: 1-4x7/8 pony rods 1-8x7/8 pony rods, 226-3/4 8 per guided rods, 6- 1 1/2" weight bars.  
 PUMP SIZE: 2 1/2 x 1 3/4 x 21' x 24' RHAC  
 STROKE LENGTH: 144  
 PUMP SPEED: SPM 5

Cement Top @90'



**FRAC JOB**

- 5-4-10 5746-5771' **Frac CP1 & CP.5 sands as follows:** Frac with 15000# 20/40 sand in 328bbbs Lightning 17.
- 5-4-10 5298-5356' **Frac A1 & A3 as Follows:** Frac with 60000# 20/40 sand in 370bbbs Lightning 17.
- 5-4-10 5028-5150' **Frac B2 & C sands as follows:** Frac with 35000# 20/40 sand in 389bbbs lightning 17.
- 5-4-10 4848-4878' **Frac D1 sands as follows:** Frac with 30000# 20/40 sand in 3006bbbs Lightning 17.
- 5-4-10 4357-4380' **Frac GB6 sands as follows:** Frac with 40000# 20/40 sand in 313bbbs Lightning 17 fluid.

**PERFORATION RECORD**

5765-5771'	3 JSPF	18holes
5746-5750'	3 JSPF	12holes
5354-5356'	3 JSPF	6 holes
5310-5318'	3 JSPF	24holes
5298-5300'	3 JSPF	6 holes
5146-5150'	3 JSPF	12 holes
5028-5032'	3 JSPF	12 holes
4872-4878'	3 JSPF	18holes
4848-4850'	3 JSPF	6holes
4378-4380'	3 JSPF	6 holes
4360-4365'	3 JSPF	15holes
4357-4359'	3 JSPF	6holes

**NEWFIELD**

**SMB V-2-9-16**

SL: 755' FSL & 2005' FEL (SW/SE)  
 Section 2, T9S, R16E  
 Duchesne Co, Utah  
 API # 43-013-50120; Lease: ML 21839

Spud Date: 8/2/96  
 Put on Production: 10/28/96  
 GL: 5508' KB: 5521'

## Monument Butte State 16-2-9-16

Initial Production: 55 BOPD,  
 80 MCFPD, 14 BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (292.34')  
 DEPTH LANDED: 291.24' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium Plus cmt, est 3 bbls to surf.

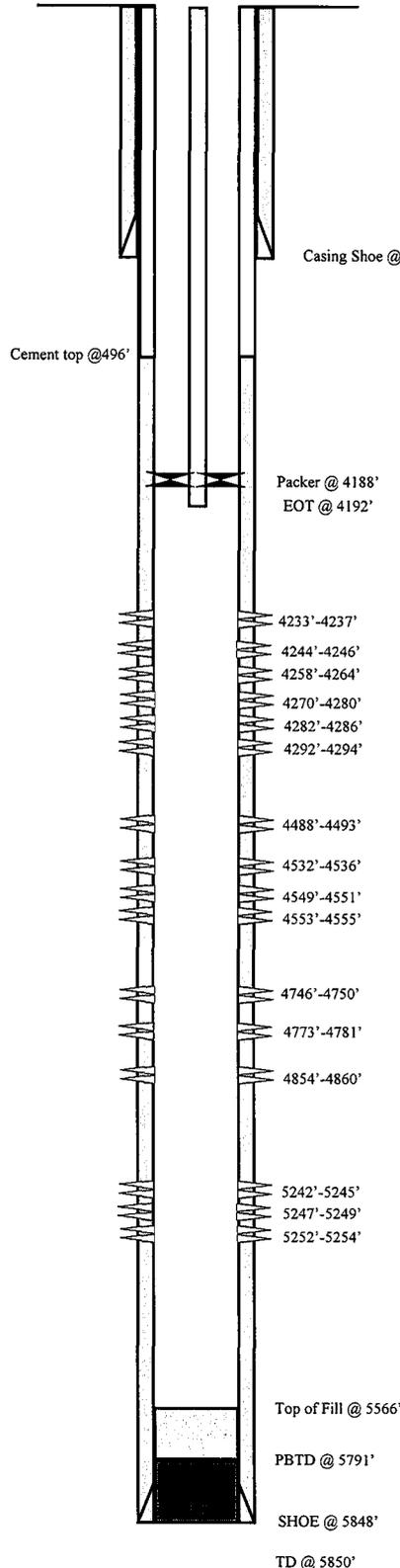
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 141 jts. (5849.89')  
 DEPTH LANDED: 5847.89'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 480 sks Hibond mixed & 375 sks thixotropic  
 CEMENT TOP AT: 496' per CBL

### TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 134 jts. (4170.37')  
 SEATING NIPPLE: 1.10'  
 SN LANDED AT: 4183.37' KB  
 TOTAL STRING LENGTH: (EOT @ 4191.82')

### Injection Wellbore Diagram



### FRAC JOB

10/18/96	5242'-5254'	<b>Frac A-3 sand as follows:</b> 73,000# of 20/40 sand in 446 bbls of Delta Frac fluid. Breakdown @ 4000 psi. Treated @ avg rate of 20 bpm w/avg press of 2350 psi. ISIP-2418 psi, 5-min 2358 psi. Flowback on 12/64" ck for 2-1/2 hours and died.
10/21/96	4746'-4860'	<b>Frac D-1 and D-3 zones as follows:</b> 81,500# of 20/40 sand in 454 bbls of Delta Frac fluid. Breakdown @ 1710 psi. Treated @ avg rate of 27.5 bpm w/avg press of 2300 psi. ISIP-2951 psi, 5-min 2475 psi. Flowback on 12/64" ck for 4 hours and died.
10/23/96	4532'-4555'	<b>Frac PB-10 zone as follows:</b> 73,000# of 20/40 sand in 334 bbls of Delta Frac fluid. Well screened out w/3282 gal left in flush. Placed est 51,250# of sand into formation. Breakdown @ 2950 psi. Treated @ avg rate of 18.5 bpm w/avg press of 2100 psi. ISIP-3650 psi, 5-min 1328 psi. Flowback on 12/64" ck, rec 42 bbls sand laden fluid.
10/7/02	4233'-4493'	<b>Frac PB-10 and GB-4 sands as follows:</b> 100,800# of 20/40 white mesh sand in 411 bbls Viking I-25 fluid. Treated @ avg. pressure of 1940 psi w/avg. rate of 24.8 BPM. ISIP 2350 psi. Calc. flush 4233 gal. Actual flush: 4158 gal.
03/11/03		<b>Parted rods.</b>
10/15/05		<b>Tubing Leak.</b> Detail tubing and rod Update.
3/27/09		<b>Well converted to an Injection well.</b>
4/7/09		<b>MIT completed and submitted.</b>
8/31/09		<b>Tubing Leak.</b> Updated rod & tubing details.
09/24/09		<b>5 Yr MIT</b>

### PERFORATION RECORD

10/17/96	5242'-5245'	4 JSPF	12 holes
10/17/96	5247'-5249'	4 JSPF	8 holes
10/17/96	5252'-5254'	4 JSPF	8 holes
10/19/96	4746'-4750'	4 JSPF	16 holes
10/19/96	4773'-4781'	4 JSPF	32 holes
10/19/96	4854'-4860'	4 JSPF	24 holes
10/22/96	4532'-4536'	4 JSPF	16 holes
10/22/96	4549'-4551'	4 JSPF	8 holes
10/22/96	4553'-4555'	4 JSPF	8 holes
10/5/02	4488'-4493'	4 JSPF	20 holes
10/5/02	4292'-4294'	4 JSPF	8 holes
10/5/02	4282'-4286'	4 JSPF	16 holes
10/5/02	4270'-4280'	4 JSPF	40 holes
10/5/02	4258'-4264'	4 JSPF	24 holes
10/5/02	4244'-4246'	4 JSPF	8 holes
10/5/02	4233'-4237'	4 JSPF	16 holes

**NEWFIELD**

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**Monument Butte State #16-2-9-16**  
 740 FSL & 664 FEL  
 SESE Section 2-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31510; Lease #ML-21839

## C & O Gvmt. #1-12-9-16

Spud Date: 10/12/64  
 Put on Production: 12/10/64  
 GL: 5456' KB: 5468'

Initial Production: 480 BOPD, 0 BWPD

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 10 3/4"  
 WEIGHT: 32.75#  
 LENGTH: 8 jts. (217')  
 DEPTH LANDED: 229'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 135 cu. ft. Ideal Type II.

#### PRODUCTION CASING

CSG SIZE: 5-1/2" / 17# / N-80  
 LENGTH: 41 jts. (1253.85')  
 CSG SIZE: 5-1/2" / 15.5# / J-55  
 LENGTH: 127 jts. (3927.00')  
 CSG SIZE: 5-1/2" / 17# / N-80  
 LENGTH: 1 jt. (20.00')  
 DEPTH LANDED: 5200.00'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 315 cu. ft. 50/50 POZ + 75 sxs 50/50 POZ.  
 CEMENT TOP AT: 4750' per CBL

#### TUBING

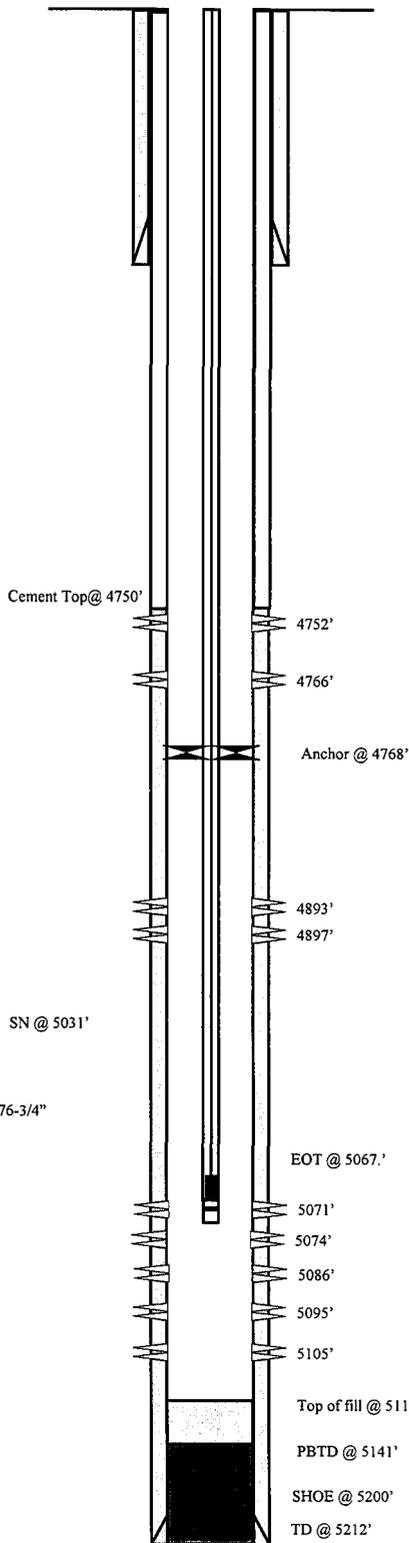
SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 154 jts (4755.94') 20 new  
 TUBING ANCHOR: 4767.94' KB  
 NO. OF JOINTS: 8 jts (260.21')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5030.95' KB  
 NO. OF JOINTS: 1 jts Perf sub (4')  
 NO. OF JOINTS: 1 jts (30.88')  
 TOTAL STRING LENGTH: EOT @ 5067.38'

#### SUCKER RODS

POLISHED ROD: 1 1/4" x 16' polished rods  
 SUCKER RODS: 1-2' & 1-4' x 3/4" pony rods, 95-3/4" guided rods, 76-3/4" plain rods, 20-3/4" guided rods, 6-1 5/8" wt bars  
 PUMP SIZE: 2 1/2" x 1 1/2" x 16' RHAC  
 STROKE LENGTH: 44"  
 PUMP SPEED, SPM: 5 SPM  
 LOGS: IES, SGR, ML, CBL

#### FRAC JOB

12/64	5071'-5074'	<b>Frac zone as follows:</b> 13,900# sand + 3150# glass beads in 721 bbls lease crude oil. Treated @ avg press of 3850 psi w/avg rate of 37 BPM.
12/64	4893'-4897'	<b>Frac zone as follows:</b> 13,900# sand + 1575# glass beads in 721 bbls lease crude oil. Treated @ avg press of 4000 psi w/avg rate of 29 BPM.
5/20/73	5071'-5105'	<b>Frac zone as follows:</b> 16,500# 10/20 sand in 381 bbls frac fluid. Treated @ avg press of 2300 psi w/avg rate of 6 BPM.
5/21/73	4752'-4766'	<b>Frac zone as follows:</b> 14,000# 10/20 sand in 381 bbls frac fluid. Treated @ avg press of 3500 psi w/avg rate of 16 BPM.
6/18/99		Pump change. Update rod and tubing details.
5/13/03		Tubing leak. Update rod and tubing details.
08/29/06		Pump Change. Update rod & Tubing details



#### PERFORATION RECORD

Date	Depth	SPF	Holes
12/64	5074'	4	04 holes
12/64	5071'	4	04 holes
12/64	4897'	4	04 holes
12/64	4893'	4	04 holes
05/93	5105'	3	03 holes
05/93	5095'	3	03 holes
05/93	5086'	3	03 holes
05/93	4766'	3	03 holes
05/93	4752'	3	03 holes



**C&O Gov't. #1-12-9-16**  
 1905 FSL & 660 FWL  
 NWSW Section 12-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-15111 Lease #U-035521 A

C & O Gvmt. 4-12-9-16

Spud Date: 4/14/83  
 Put on Production: 6/02/83  
 Put on Injection: 10/27/94  
 GL: 5450' KB: 5462'

Initial Production: 110 BOPD,  
 60 MCFD, 0 BWPD

Injection Wellbore  
 Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts.  
 DEPTH LANDED: 292'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 241 cu. ft. Class "G" cement.

PRODUCTION CASING

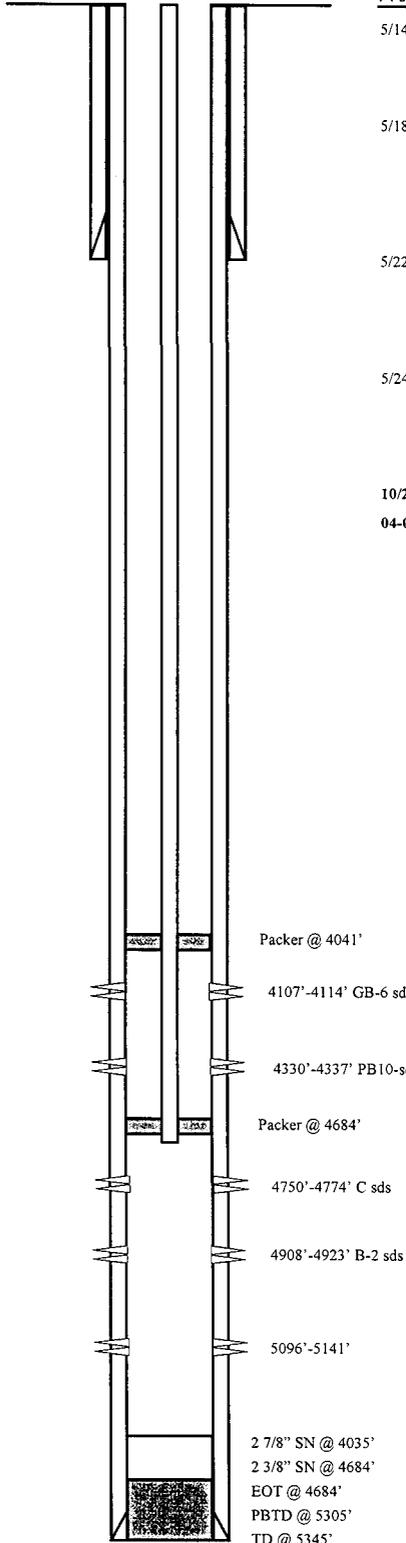
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 135 jts.  
 DEPTH LANDED: 3546'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 633 cu. ft. Hilit slurry + 338 cu. ft. RFC slurry.  
 CEMENT TOP AT: ? per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 128 jts (4021.48')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4035.18' KB  
 PACKER: 4041.38'  
 SIZE/GRADE/WT.: 2-3/8" / J-55 / 4.5#  
 NO. OF JOINTS: 20 jts (635.06')  
 PACKER: 4683.24'  
 SEATING NIPPLE: 2-3/8" (1.10')  
 SN LANDED AT: 4684.34' KB  
 TOTAL STRING LENGTH: EOT @ 4684.34'

FRAC JOB

5/14/83	5096'-5138'	<b>Frac zone as follows:</b> 68,000# 20/40 sand in 393 bbls frac fluid. Treated @ avg press of 1625 psi w/avg rate of 20 BPM. Screened out.
5/18/83	4908'-4923'	<b>Frac zone as follows:</b> 37,000# 20/40 sand + 6,000# 10/20 sand in 568 bbls frac fluid. Treated @ avg press of 2180 psi w/avg rate of 20 BPM. Calc. flush: 4908 gal. Actual flush: 4870 gal.
5/22/83	4750'-4774'	<b>Frac zone as follows:</b> 55,000# 20/40 sand in 672 bbls frac fluid. Treated @ avg press of 1600 psi w/avg rate of 21 BPM. Calc. flush: 4750 gal. Actual flush: 4748 gal.
5/24/83	4107'-4337'	<b>Frac zone as follows:</b> 55,000# 20/40 sand in 526 bbls frac fluid. Treated @ avg press of 1880 psi w/avg rate of 24 BPM. Calc. flush: 4107 gal. Actual flush: 4100 gal.
10/27/94		<b>Convert to injector. Update tbg details.</b>
04-08-10		<b>5 Yr MIT</b>



PERFORATION RECORD

5/13/83	5096'-5141'	18 holes
5/17/83	4908'-4923'	22 holes
5/21/83	4750'-4774'	24 holes
5/23/83	4330'-4337'	08 holes
5/23/83	4107'-4114'	08 holes

**NEWFIELD**  
  
 C & O Gvmt. #4-12-9-16  
 2140' FSL & 1820' FWL  
 NESW Section 12-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-30742; Lease #U-035521

# Jonah Unit #4-12-9-16

Spud Date: 3/14/01  
 Put on Production: 6/10/01  
 GL: 5516' KB: 5526'

IP:52.4 BOPD, 43.4 MCFD, 5.8 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (290.39')  
 DEPTH LANDED: 299.39'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 145 sxs Class "G" cmt.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 133 jts. (5586.9')  
 DEPTH LANDED: 5582.5'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 250 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: Surface per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 167 jts  
 TUBING ANCHOR: 5227.40'  
 SEATING NIPPLE: 2-7/8" (1.10')  
 TOTAL STRING LENGTH: EOT @ 5327.88'  
 SN LANDED AT: 5261.34'

**SUCKER RODS**

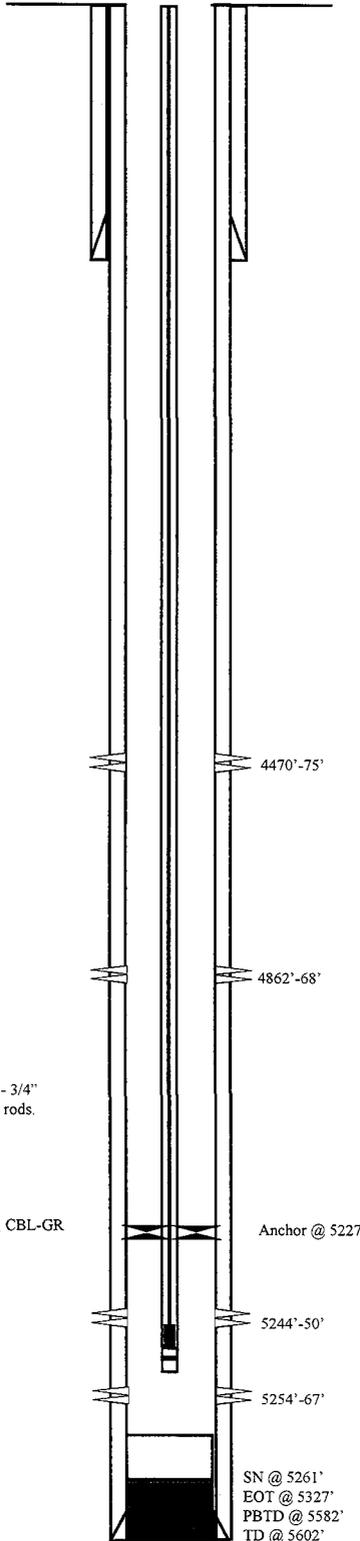
POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 4-1-1/2" weight bars, 10 -3/4" scraped rods, 135 - 3/4" plain rods, 89 - 3/4" scraped rods, 1-2', 1-4', 1-6', 1-8' x 3/4" pony rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 14.5' RHAC  
 STROKE LENGTH: 62"  
 PUMP SPEED, SPM: 4 SPM  
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

**FRAC JOBS**

6/6/01	5254'-67'	
	5244'-50'	<b>Frac A3 sand as follows:</b> 89,647# 20/40 sand in 600 bbls Viking I-25 fluid. Treated @ avg pressure of 1960 psi with avg rate of 29.7 BPM, ISIP 2395 psi.
6/6/01	4862'-68'	
		<b>Frac D3 sand as follows:</b> 29,647# 20/40 sand in 299 bbls Viking I-25 fluid. Treated @ avg pressure of 2400 psi with avg rate of 24.3 BPM, ISIP 1855 psi.
6/6/01	4470'-75'	
		<b>Frac PB-10 sand as follows:</b> Could not break, left un-fraced.

**PERFORATION RECORD**

6/6/01	5254'-5267'	4 JSPF	52 holes
6/6/01	5244'-5250'	4 JSPF	24 holes
6/6/01	4862'-4868'	4 JSPF	24 holes
6/6/01	4470'-4475'	4 JSPF	20 holes



**Jonah Unit #4-12-9-16**  
 660' FNL & 660' FWL  
 NW/NW Section 12-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32180; Lease #U-096550

## Monument Federal 12-12J-9-16

Spud Date: 10/09/93  
 Put on Production: 12/09/93  
 Put on Injection: 10/28/94  
 GL: 5542' KB: 5552'

Initial Production: 20 BOPD,  
 15 MCFD, 10 BWPD

Injection Wellbore  
 Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 6 jts. (224.86')  
 DEPTH LANDED: 277' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs Class "G" cmt, est 5 bbls cmt to surf.

**PRODUCTION CASING**

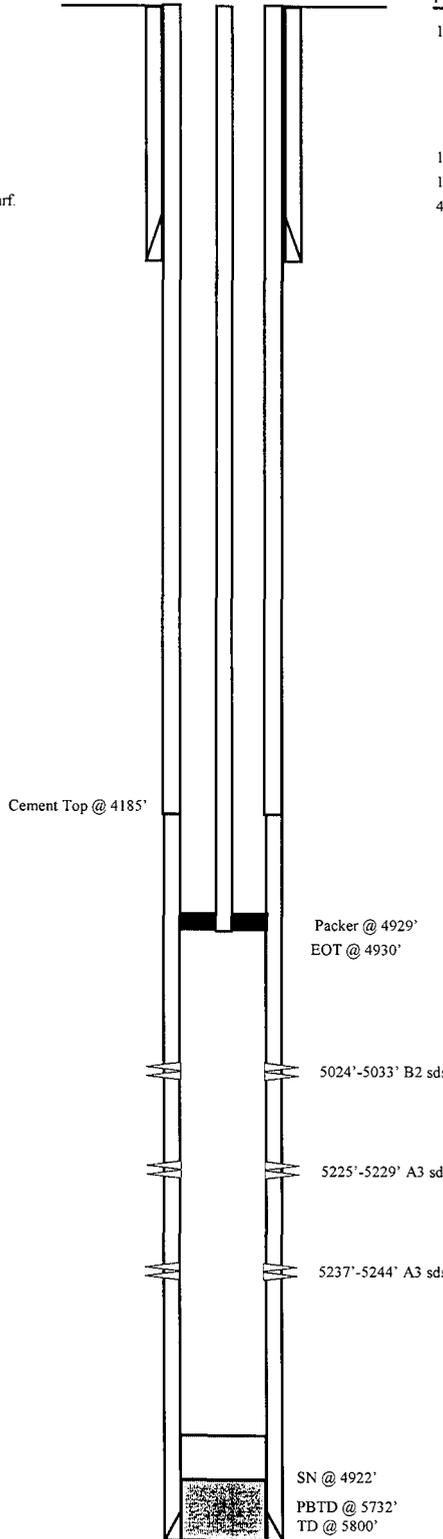
CSG SIZE: 5-1/2"  
 GRADE: K-55  
 WEIGHT: 15.5#  
 LENGTH: 132 jts. (5723.70')  
 DEPTH LANDED: 5777.59'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 220 sxs Hifill & 290 sxs 50/50 POZ.  
 CEMENT TOP AT: 4185' per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 159 jts (4921.20')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4922.30' KB  
 2 7/8" x 2 3/8" cross over  
 PACKER: 4929.10' KB  
 TOTAL STRING LENGTH: EOT @ 4930'

**FRAC JOB**

11/17/93	5029'-5244'	<b>Frac zone as follows:</b> 29,250# 20/40 sand + 20,000# 16/30 sand in 432 bbls frac fluid. Treated @ avg press of 2250 psi w/avg rate of 30.5 BPM. ISIP 2200 psi. Calc. flush: 5025 gal. Actual flush: 4956 gal.
12/09/93		Put on Production
10/28/94		Put on Injection
4-29-10		5 yr MIT



**PERFORATION RECORD**

Date	Interval	Tool	Holes
11/15/93	5024'-5033'	1 JSPF	4 holes
11/15/93	5225'-5229'	1 JSPF	4 holes
11/15/93	5237'-5244'	1 JSPF	7 holes



**Monument Fed. 12-12J-9-16**  
 737' FNL & 648' FWL  
 SWNW Section 12-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31410; Lease #U-096550

# Monument Federal #22-12j-9-16

Spud Date: 7/05/94 (Re-entry)

Put on Production: 8/04/94

GL: 5503' KB: 5515'

Initial Production: 12 BOPD,  
NM MCFD, 0 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 9-5/8"  
GRADE:  
WEIGHT:  
DEPTH LANDED: 228' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 200 sxs cement.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
GRADE: K-55  
WEIGHT: 15.5#  
DEPTH LANDED: 5294' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 327 sxs cement  
CEMENT TOP AT: 3820' per CBL

**TUBING**

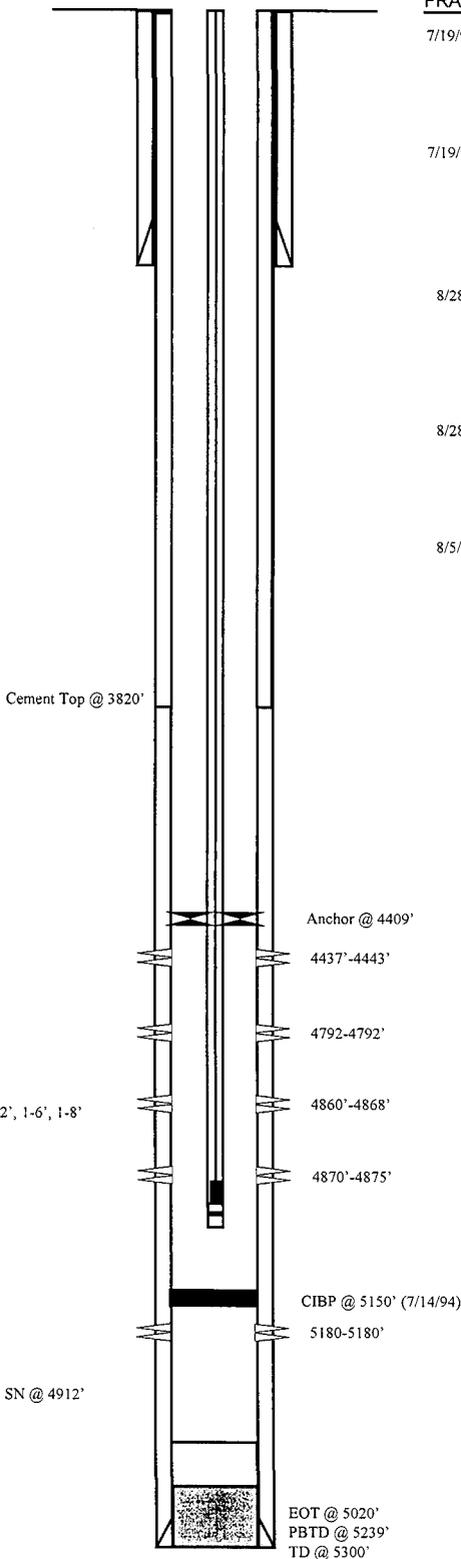
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 141 jts (4409.25')  
TUBING ANCHOR: 4949.2' KB  
NO. OF JOINTS: 16 jts (487')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4983.6' KB  
NO. OF JOINTS: 1 jt Perf sub (4.0')  
NO. OF JOINTS: 1 jt (26.5')  
TOTAL STRING LENGTH: EOT @ 5020.0' KB

**SUCKER RODS**

POLISHED ROD: 1-1/4" x 22' SM  
SUCKER RODS: 6- 1 1/2" sinker bar rods, 119-3/4" guided rods, 1-2', 1-6', 1-8' x 3/4" pony rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 21' RHAC  
STROKE LENGTH: 84"  
PUMP SPEED, SPM: 4 SPM

**FRAC JOB**

7/19/94	4792'-4875'	<b>Frac zone as follows:</b> 27,000# 16/30 sand in 318 bbls frac fluid. Treated @ avg press of 4600 psi w/avg rate of 17.4 BPM. ISIP 3150 psi. Calc. flush: 1213 gal. Actual flush: 1205 gal.
7/19/94	4437'-4443'	<b>Frac zone as follows:</b> 21,280# 16/30 sand in 148 bbls frac fluid. Treated @ avg press of 4800 psi w/avg rate of 20 BPM. ISIP not recorded. Calc. flush: 2098 gal. Actual flush: 1092 gal. Screened out w/ 4890# sand in casing.
8/28/08	5176-5192'	<b>Frac A3 sds as follows:</b> 24,666# 20/40 sand in 283 bbls of Lightning 17 fluid. Treated w/ ave pressure of 3548 psi @ ave rate of 13.1 BPM. ISIP 2270 psi. Actual flush: 1285 gals.
8/28/08	4790-4796'	<b>Frac D3 &amp; C sds as follows:</b> 23,599# 20/40 sand in 244 bbls of Lightning 17 fluid. Treated w/ ave pressure of 4323 psi @ ave rate of 13.3 BPM. ISIP 3992 psi. Actual flush: 1189 gals.
8/5/09		Tubing Leak. Updated rod & tubing details.



**PERFORATION RECORD**

Date	Depth Range	JSPF	Holes
7/12/94	5180-5180'	3 JSPF	3 holes
7/14/94	4870'-4875'	4 JSPF	20 holes
7/14/94	4860'-4868'	4 JSPF	32 holes
7/14/94	4792-4792'	3 JSPF	3 holes
7/12/94	4437-4443'	4 JSPF	24 holes



**Monument Fed. #22-12j**  
2017' FNL & 2098' FWL  
SENW Section 12-T9S-R16E  
Duchesne Co, Utah  
API #43-013-15796; Lease #U-096550

# Jonah M-12-9-16

Spud Date:-3-20-10  
 Put on Production: 4-28-10  
 GL:5455' KB:5467'

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (307.64')  
 DEPTH LANDED: 320.49'  
 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: 141 jts (6145.8')  
 HOLE SIZE: 7-7/8"  
 TOTAL DEPTH: 6160.80'  
 CEMENT DATA: 275sxs Prem Lite II mixed & 400 sxs 50/50 POZ  
 CEMENT TOP AT: 90'

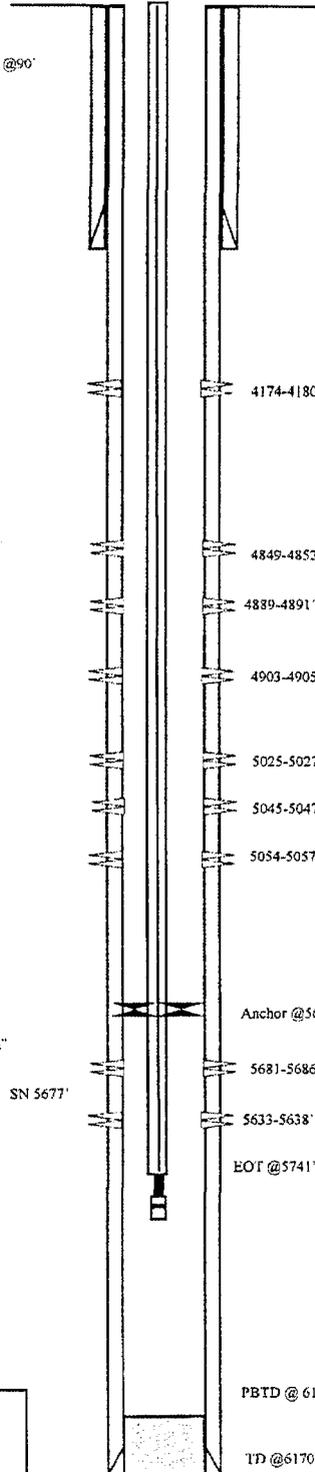
### TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO OF JOINTS: 182 jts (5629.4')  
 TUBING ANCHOR: 5642.4'  
 NO OF JOINTS: 1 jts (31.4')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 5676.7' KB  
 NO OF JOINTS: 2 jts (62.9')  
 TOTAL STRING LENGTH: EOT @ 5741'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 30'  
 SUCKER RODS: 1-4 x 7/8 pony rods, 221- 7/8" guided rods, 4- 1 1/2" weight bars  
 PUMP SIZE: 2 1/2 x 1 3/4 x 21" x 24" RHAC  
 STROKE LENGTH: 144  
 PUMP SPEED: SPM 5

Cement Top @90'



### FRAC JOB

5-7-10-10 5633-5686' Frac CP2 & CP1 sands as follows:  
 Frac with 44693# 20/40 sand in 295bbbs  
 Lightning 17.  
 5-7-10 5025-5057' Frac B2 as Follows:Frac with  
 65112# 20/40 sand in 401bbbs  
 Lightning 17.  
 5-7-10 4849-4905' Frac D3 & C sands as follows:Frac  
 with 46724# 20/40 sand in 301bbbs  
 lightning 17.  
 5-7-10 4147-4180' Frac GB4 sands as follows:Frac  
 with 17164# 20/40 sand 139 Lightning  
 17

### PERFORATION RECORD

5681-5686'	3 JSPF	15 holes
5633-5638'	3 JSPF	15holes
5054-5057'	3 JSPF	9holes
5045-5047'	3 JSPF	6holes
5025-5027'	3 JSPF	6 holes
4903-4905'	3 JSPF	6 holes
4889-4891'	3 JSPF	6 holes
4849-4852'	3 JSPF	9holes
4147-4180'	3 JSPF	18holes

**NEWFIELD**



**Jonah M-12-9-17**  
 SL: 2138'FSL & 1765' FWL NE/SW)  
 Section 12, T9S, R17E  
 Duchesne Co, Utah  
 API # 43-013-34098; Lease UTU-035521



**Multi-Chem Group, LLC**  
 Multi-Chem Analytical Laboratory  
 1553 East Highway 40  
 Vernal, UT 84078

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## 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		Analysis @ Properties in Sample Specifics			
Test Date:	1/5/2010	<b>Cations</b>		<b>Anions</b>	
Temperature (°F):	100		mg/L		mg/L
Sample Pressure (psig):	0	Calcium (Ca):	40.00	Chloride (Cl):	7000.00
Specific Gravity (g/cm³):	1.0080	Magnesium (Mg):	48.80	Sulfate (SO₄):	347.00
pH:	8.5	Barium (Ba):	3.00	Dissolved CO₂:	-
Turbidity (NTU):	-	Strontium (Sr):	-	Bicarbonate (HCO₃):	1854.00
Calculated T.D.S. (mg/L):	14518	Sodium (Na):	5221.00	Carbonate (CO₃):	-
Molar Conductivity (µS/cm):	21997	Potassium (K):	-	H₂S:	2.00
Resistivity (Mohm):	0.4546	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										
Temp °F	Gauge Press. psi	Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂ psi
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	
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:**

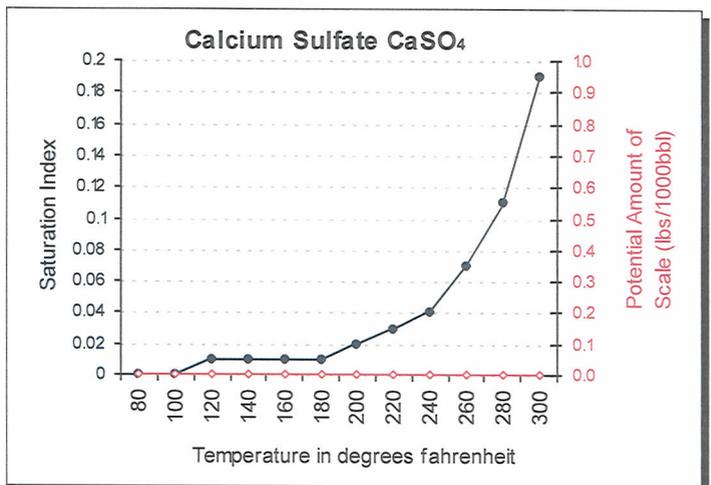
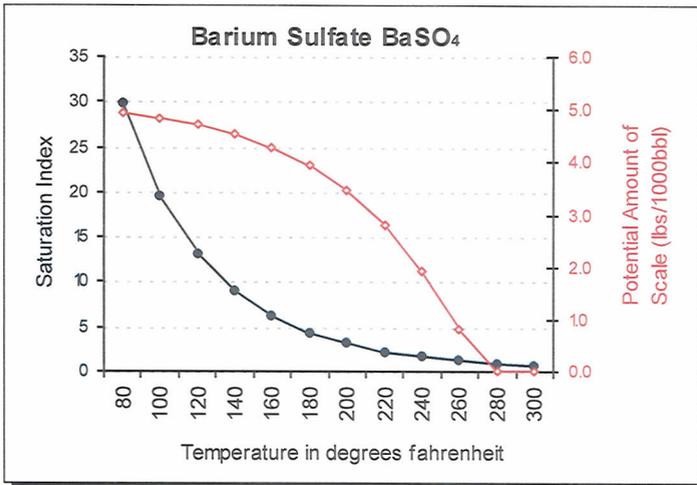
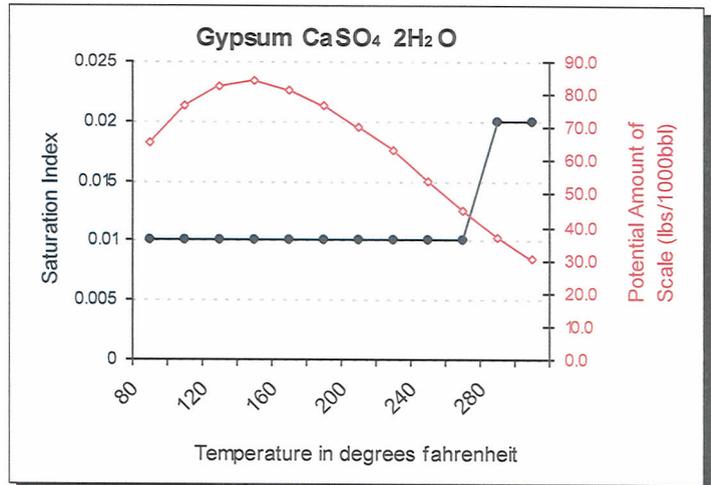
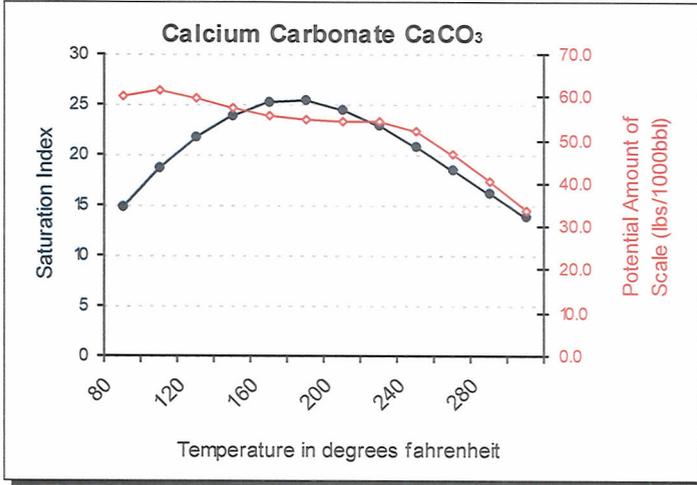
**Multi-Chem Group, LLC**  
 Multi-Chem Analytical Laborator  
 1553 East Highway 40  
 Vernal, UT 84078

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**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 42-11j-9-16**  
Sample Point: **tank**  
Sample Date: **10/12/2010**  
Sales Rep: **Monty Frost**  
Lab Tech: **Peter Poulsen**

Sample ID: **WA-47873**

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	10/13/2010	<b>Cations</b>		<b>Anions</b>	
Temperature (°F):	100		<b>mg/L</b>		<b>mg/L</b>
Sample Pressure (psig):	0	Calcium (Ca):	2.06	Chloride (Cl):	8000.00
Specific Gravity (g/cm³):	1.0104	Magnesium (Mg):	4.86	Sulfate (SO₄):	60.22
pH:	7.2	Barium (Ba):	3.68	Dissolved CO₂:	-
Turbidity (NTU):	-	Strontium (Sr):	-	Bicarbonate (HCO₃):	2074.00
Calculated T.D.S. (mg/L)	16068	Sodium (Na):	5923.00	Carbonate (CO₃):	-
Molar Conductivity (µS/cm):	24346	Potassium (K):	-	H₂S:	-
Resitivity (Mohm):	0.4107	Iron (Fe):	0.28	Phosphate (PO₄):	-
		Manganese (Mn):	0.02	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										
Temp °F	Gauge Press. psi	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
100	0	0.07	-14.96	0.00	-2788.20	0.00	-2924.60	-	-	4.00	4.64	3.19
80	0	0.05	-16.99	0.00	-16.58	0.00	-3102.00	-	-	6.13	5.20	1.48
100	0	0.07	-14.96	0.00	-12.49	0.00	-2924.60	-	-	4.00	4.64	1.84
120	0	0.08	-13.27	0.00	-9.44	0.00	-2659.80	-	-	2.67	3.84	2.06
140	0	0.10	-11.81	0.00	-7.14	0.00	-2345.60	-	-	1.82	2.74	2.32
160	0	0.12	-10.56	0.00	-5.44	0.00	-2014.60	-	-	1.26	1.23	2.62
180	0	0.13	-9.49	0.00	-4.21	0.00	-1691.40	-	-	0.88	-0.78	2.88
200	0	0.15	-8.62	0.00	-3.36	0.00	-1392.50	-	-	0.63	-3.41	2.92
220	2.51	0.15	-8.03	0.00	-2.83	0.00	-1140.90	-	-	0.44	-7.05	2.96
240	10.3	0.16	-7.51	0.00	-2.44	0.00	-911.04	-	-	0.32	-11.44	3.01
260	20.76	0.16	-7.16	0.00	-2.17	0.00	-717.72	-	-	0.24	-16.87	3.07
280	34.54	0.16	-6.97	0.00	-2.01	0.00	-558.52	-	-	0.18	-23.52	3.13
300	52.34	0.16	-6.95	0.00	-1.92	0.00	-429.70	-	-	0.13	-31.55	3.19

**Conclusions:**

Calcium Carbonate Scaling Index is negative 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:**

**Multi-Chem Group, LLC**

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 1553 East Highway 40  
 Vernal, UT 84078

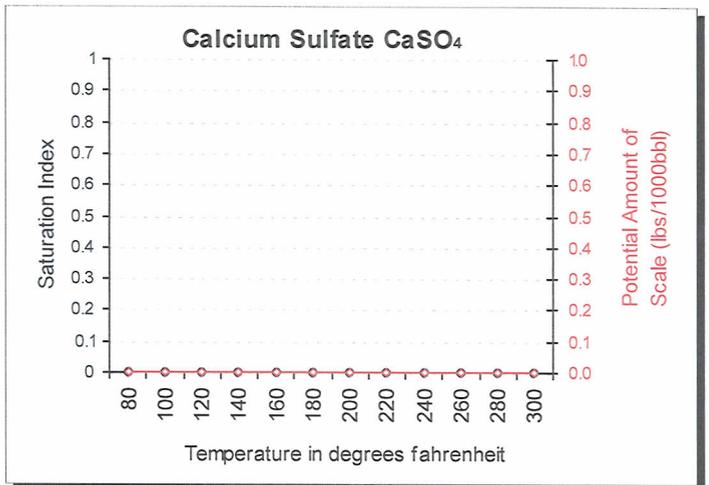
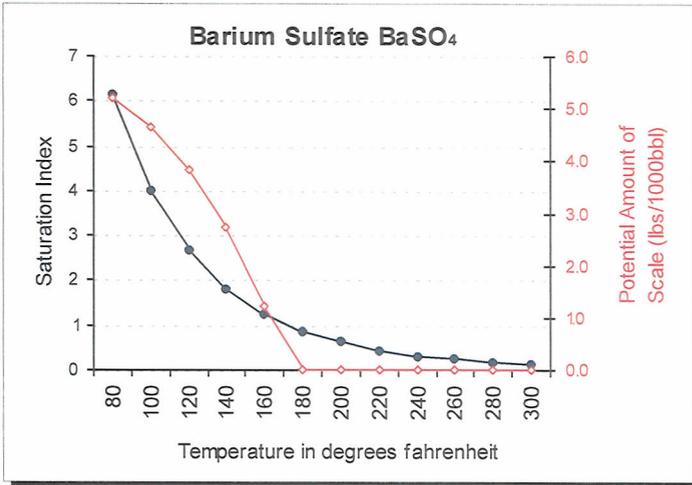
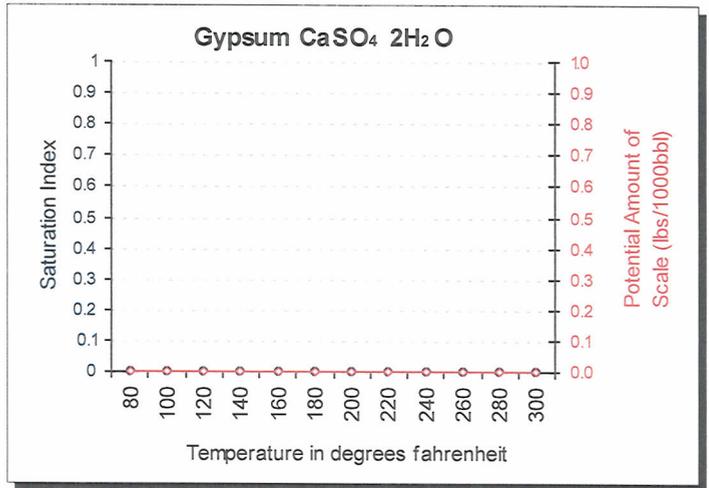
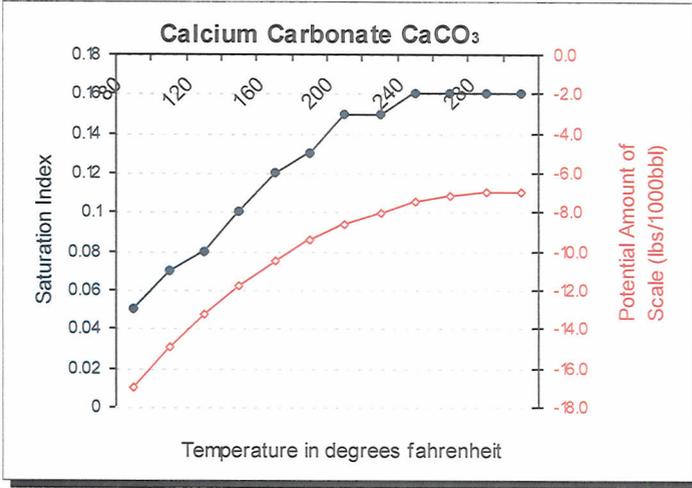
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**Scale Prediction Graphs**

Well Name: mon 42-11j-9-16

Sample ID: WA-47873



**Attachment "G"**

**Balcron Monument Federal 42-11J-9-16  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5188	5196	5192	4400	1.28	4366
4736	4741	4739	1670	0.79	1639 ←
4736	5196	4966	2420	0.94	2389
4164	4276	4220	2080	0.93	2053
				<b>Minimum</b>	<u><u>1639</u></u>

Calculation of Maximum Surface Injection Pressure  
 $P_{max} = (\text{Frac Grad} - (0.433 * 1.015)) \times \text{Depth of Top Perf}$   
 where pressure gradient for the fresh water is .433 psi/ft and  
 specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 * \text{Top Perf})) / \text{Top Perf}.$

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #42-11J

Location: SE NE Section 11, T9S, R16E  
Duchesne County, Utah

---TIGHT HOLE---

- 7-7-94 TD: 5,300' (0') Day 9  
Formation: Green River  
Present Operation: RDMO.  
Finish TOOH, RU loggers, Run DNL w/no problem. Have 5273 logger TD. Lateral log stopped @ 4220' & Caliper opened up. TOOH & change Caliper. Go right to btm & TD @ 5300'. Finish logging, TOH w/ collars & drill pipe & LD same. Change pipe rams & test BOP to 2000# - OK. Run 5-1/2" csg & cmt as follows: Set slip, ND & clean mud tanks.
- |                             |                 |
|-----------------------------|-----------------|
| Guide Shoe                  | .60'            |
| 1 jt 5-1/2", 15.5#, Shoe Jt | 39.08'          |
| Float Collar                | 1.00'           |
| 121 jts 5-1/2", 15.5#, J-55 | <u>5221.07'</u> |
|                             | 5261.75'        |
| Landing Jt                  | <u>9.00'</u>    |
| 5-1/2" csg set @            | 5270.75'        |
| PBTD @                      | 5230.07         |
- (Ran 20 centralizers). Cmt by Western w/20 bbls mud flush. Lead cmt 290 sxs "Super G", tail w/180 sxs 50-50 POZ w/2% gel & 1/4#/sx Celoseal. Plug down @ 2 a.m.  
DC: \$59,074 CC: \$155,463
- 7-13-94 Completion  
Dress up location. Set rig anchors. MIRU Cannon Well Service Rig #2. NU 5M well head, NU BOP. TIH w/csg scraper, SN & 120 jts 2-7/8" tbg. SWIFN.  
DC: \$20,393 CC: \$175,856
- 7-14-94 Completion  
TIH w/bit & scraper to 5223' KB. Circ well clean w/125 bbls 2% KCL wtr. TOOH w/tbg & tools. RU Schlumberger to run CBL & perf. Run CBL from PBTD to 1560' KB. Cmt top @ 1825' KB. perf 5188'-96' KB w/4 SPF> RD Schlumberger. TIH w/retrieving head & 159 jts 2-7/8" tbg to 5148'KB. SWIFN.  
DC: \$5,549 CC: \$181,405

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #42-11J

Location: SE NE Section 11, T9S, R16E  
Duchesne County, Utah

---TIGHT HOLE---

- 7-16-94 Completion  
RU Western to do breakdown on 5,188'-96' (stage #1) w/2,058 gals 2% KCL. ATP 3200 psi, max 5000 psi. ATR 6 BPM, max 6.7 BPM. ISIP 1730 psi. Pump 4 balls/bbl. TOOH w/tbg & retrieving head, RU Western to frac 5188-96' w/14,860# 20/40 mesh sand & 11,600# 16/30 mesh sand w/12,182 gals 2% KCL gelled wtr. ATP 3000 psi, max 5050 psi. ATR 30 BPM, max 30.1 BPM. ISIP 4400 psi, 5 min 1750 psi, 10 min 1680 psi, 15 min 1660 psi. RU Schlumberger to set CIBP @ 4770' KB & perf 4736'-41' (4 SPF). RU Western to breakdown on 4736'-41' w/13,650 gals 2% KCL. ATP 4500 psi, max 4980 psi. ATR 8 BPM, max 25 BPM. ISIP 2831 psi. Pump ball @ 4 balls/bbl. Frac w/14,100# 16/30 mesh sand w/9,254 gals 2% KCL gelled wtr. ATP 4550 psi, max 4870 psi. ATR 25 BPM, max 30 BPM. ISIP 1870 psi, 5 min 1640 psi, 10 min 1620 psi, 15 min 1590 psi. 30 min forced closure flow back. SWI until 7-18-94.  
DC: \$45,442 CC: \$226,847
- 7-18-94 Completion  
CP - 720 psi. TIH w/retrieving tool & 146 jt 2-7/8" tbg. Tag sand @ 4719' KB. Circ down to BP @ 4770' KB, release BP, TOOH w/tbg & tools. TIH w/retrieving head, 2-7/8" x 4' sub, HD packer, SN & 153 jts 2-7/8" tbg. Tag sand @ 4943' KB, circ dow to BPTD @ 5223' KB. Pull up & set packer @ 4700'KB. Made 27 swab runs, recovered 1 BO & 161 BW. Last 6 runs fluid level stable @ 2400', run #12 through #24 trace oil. Last 3 runs 2% oil, good gas. Load to recover 747 BW. SWIFN.  
DC: \$1,925 CC: \$228,772
- 7-19-94 Completion  
CP - 0, TP - 5 psi, FL @ 1700'. Made 4 swab runs, recovered 2 BO & 22 BW. Release packer, tag sand @ 5200' KB, circ down to 5223' KB (PBTD). TOOH w/tbg & tools. TIH w/tbg production string as follows:
- |                                 | <u>LENGTH</u> | <u>DEPTH KB</u> |
|---------------------------------|---------------|-----------------|
| 1 jt 2-7/8", J-55, 6.5# 8RD     | 32.50'        | 5188.72'        |
| 1 Perf Sub 2-7/8"               | 4.12'         | 5156.22'        |
| 1 Seat Nipple                   | 1.10'         | 5152.10'        |
| 13 jts 2-7/8", J-55, 6.5#, 8RD  | 419.64'       | 5151.00'        |
| 1 Tbg Anchor 2-1/2 x 5-1/2      | 2.35'         | 4731.36'        |
| 146 jts 2-7/8", J-55, 6.5#, 8RD | 4719.01'      | 4729.01'        |
| Union Drilling Rig #17 KB       | 10.00'        |                 |
- ND BOP & 5M wellhead, NU 3M wellhead. Set tbg anchor w/20" tension. SD because of wind. SWIFN.  
DC: \$4,484 CC: \$233,256





ATTACHMENT G-1  
H of 11

DAILY WORKOVER REPORT

WELL NAME: Monument Federal 42-11j-9-16 Report Date: Nov. 5, 2002 Day: 01  
Operation: Re-complete Rig: Pool #820

WELL STATUS

Surf Csg: 8 5/8 @ 140 Prod Csg: 5 1/2" @ 5271' WT: 15.5# Csg PBTD: 5223'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 1880' BP/Sand PBTD: \_\_\_\_\_

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	4736-4741'	4/20			
A sds	5188-5196'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Nov. 4, 2002 SITP: 0 SICP: 0

MIRU Pool #822. RU HO trk to csg & pump 100 BW @ 250°F. RD pumping unit. Unseat rod pump. Flush tbg & rods W/ 60 BW @ 250°F. Re-seat pump & soft joint rod string. Strip off flow T. Fill tbg W/ 2 BW. Pressure test tbg to 3500 psi. Screw back into rods & unseat pump. TOH W/ rods & LD pump. All in good shape. ND wellhead. Release TA @ 5011'. NU BOP. TOH & talley production tbg--LD BHA. TIH W/ 4 3/4" bit, 5 1/2" csg scraper & tbg to 1880'. SIFN W/ est 162 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 0 Starting oil rec to date: 0  
Fluid lost/recovered today: 162 Oil lost/recovered today: \_\_\_\_\_  
Ending fluid to be recovered: 162 Cum oil recovered: 0  
IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

TUBING DETAIL

ROD DETAIL

COSTS

AS PULLED:		AS PULLED:		COSTS	
KB	10'	1 1/2" X 22' polished rod		Pool rig	\$2,404
156	2 7/8 J-55 tbg (5001.04')	2', 6', 8' X 3/4" pony rods		Weatherford BOP	\$130
	TA @ 5011'	99-3/4" scraped rods		IPC water & truck	\$500
2	2 7/8 J-55 tbg (62.28')	84-3/4" plain rods		Zubiate HO trk	\$600
	SN @ 5076'	13-3/4" scraped rods		IPC trucking	\$1,200
1	2 7/8 J-55 tbg (32.31')	6-1 1/2" weight rods		Hagman trucking	\$300
	NC @ 5110'	2 1/2 X 1 1/2 X 15' RHAC pump		IPC add'l tbg	\$375
				Weatherford scraper	\$300
				Axelson pmp repair	\$1,000
				Axelson TA repair	\$300
				IPC supervision	\$200

DAILY COST: \$7,309

Workover Supervisor: Gary Dietz

TOTAL WELL COST: \$7,309



DAILY WORKOVER REPORT

WELL NAME: Monument Federal 42-11j-9-16 Report Date: Nov. 6, 2002 Day: 02  
Operation: Re-complete Rig: Pool #820

WELL STATUS

Surf Csg: 8 5/8 @ 140 Prod Csg: 5 1/2" @ 5271' WT: 15.5# Csg PBTD: 5223'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 0 BP/Sand PBTD: 5223'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	<u>4736-4741'</u>	<u>5/25 (re-perf)</u>			
D2 sds	<u>NEW 4795-4800'</u>	<u>4/20</u>			
B1 sds	<u>NEW 4980-4985'</u>	<u>4/20</u>			
A3 sds	<u>5188-5196'</u>	<u>5/40 (re-perf)</u>			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Nov. 5, 2002 SITP: 0 SICP: 0

Con't TIH W/ bit, scraper & tbg f/ 1880'. PU 3 jts work string & tag fill @ 5202'. RU circulating equipment. Gain circulation W/ 30 BW. C/O fill to PBTD @ 5223'. Circ hole clean. Lost no add'l BW. TOH W/ tbg--LD bit & scraper. RU PSI WLT. Perf intervals W/ 4" ported perf guns as follows: re-perf A3 sds @ 5188-96' W/ 1 JSPF (5 JSPF total), perf new B1 sds @ 4980-85' (4 JSPF) & new D2 sds @ 4795-4800' (4 JSPF) and re-perf D1 sds @ 4736-41' W/ 1 JSPF (5 JSPF total). 2 runs total. RD WLT. NU isolation tool. SIFN W/ est 192 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 162 Starting oil rec to date: 0  
Fluid lost/recovered today: 30 Oil lost/recovered today: 0  
Ending fluid to be recovered: 192 Cum oil recovered: 0  
IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

STIMULATION DETAIL

COSTS

Base Fluid used: _____	Job Type: _____	Pool rig	\$2,169
Company: _____		Weatherford BOP	\$130
Procedure or Equipment detail:		PSI perfs	\$2,500
_____		IPC supervision	\$200
_____			
_____			
_____			
_____			
_____			
_____			

Max TP: \_\_\_\_\_ Max Rate: \_\_\_\_\_ Total fluid pmpd: \_\_\_\_\_  
Avg TP: \_\_\_\_\_ Avg Rate: \_\_\_\_\_ Total Prop pmpd: \_\_\_\_\_  
ISIP: \_\_\_\_\_ 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: \_\_\_\_\_  
Completion Supervisor: Gary Dietz DAILY COST: \$4,999  
TOTAL WELL COST: \$12,308



ATTACHMENT G-1  
6 of 11

**DAILY WORKOVER REPORT**

WELL NAME: Monument Federal 42-11j-9-16 Report Date: Nov. 7, 2002 Day: 03  
 Operation: Re-complete Rig: Pool #820

**WELL STATUS**

Surf Csg: 8 5/8 @ 140 Prod Csg: 5 1/2" @ 5271' WT: 15.5# Csg PBTD: 5223'  
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 0 BP/Sand PBTD: 5223'

**PERFORATION RECORD**

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	<u>4736-4741'</u>	<u>5/25 (re-perf)</u>			
D2 sds	<u>NEW 4795-4800'</u>	<u>4/20</u>			
B1 sds	<u>NEW 4980-4985'</u>	<u>4/20</u>			
A3 sds	<u>5188-5196'</u>	<u>5/40 (re-perf)</u>			

**CHRONOLOGICAL OPERATIONS**

Date Work Performed: Nov. 6, 2002 SITP: 0 SICP: 0

**Day 3(a):**

RU BJ Services and frac D/B/A sds (4736' through 5196') W/ 70,000# 20/40 sand in 538 bbls Viking I-25 fluid. Saw perfs breakdown @ 2730 psi. Treated @ ave press of 1975 psi W/ ave rate of 26.5 BPM. ISIP-2420 psi. Lost gel pump W/ sand on perfs (down 19 minutes). Continue with job @ 27.7 BPM and flushed complete. RD BJ. Begin immediate flowback of frac on 12/64 choke @ 1 BPM. Zone flowed 4 hrs & died. Rec 192 BTF (est 36% of frac load). Est 538 BWTR.

**See day 3(b)**

**FLUID RECOVERY (BBLs)**

Starting fluid load to be recovered: 192 Starting oil rec to date: 0  
 Fluid lost/recovered today: 346 Oil lost/recovered today: 0  
 Ending fluid to be recovered: 538 Cum oil recovered: 0  
 IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: 12/64 Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

**STIMULATION DETAIL**

Base Fluid used: Viking I-25 Job Type: Sand frac  
 Company: BJ Services  
 Procedure or Equipment detail: D1, D2, B1 and A3 sands  
 \_\_\_\_\_  
 5300 gals of pad  
 3500 gals W/ 1-5 ppg of 20/40 sand  
 7000 gals W/ 5-8 ppg of 20/40 sand  
 2142 gals W/ 8 ppg of 20/40 sand  
 Flush W/ 4662 gals of slick water  
 \_\_\_\_\_

**COSTS**

Pool rig	\$1,157
Weatherford BOP	\$130
BJ Services-D/B/A	\$20,364
Betts frac water	\$600
IPC fuel gas	\$100
IPC supervision	\$100

Max TP: 2787 Max Rate: 28.1 BPM Total fluid pmpd: 538 bbls  
 Avg TP: 1975 Avg Rate: 26.5 BPM Total Prop pmpd: 70,000#  
 ISIP: 2420 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: .92  
 Completion Supervisor: Gary Dietz

DAILY COST: \$22,451  
 TOTAL WELL COST: \$34,759



**DAILY WORKOVER REPORT**

WELL NAME: Monument Federal 42-11j-9-16 Report Date: Nov. 7, 2002 Day: 03  
 Operation: Re-complete Rig: Pool #820

**WELL STATUS**

Surf Csg: 8 5/8 @ 140 Prod Csg: 5 1/2" @ 5271' WT: 15.5# Csg PBDT: 5223'  
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 0 BP/Sand PBDT: 4330'

**PERFORATION RECORD**

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	NEW 4164-4168'	4/16	D1 sds	4736-4741'	5/25(reperf)
GB4 sds	NEW 4172-4180'	4/32	D2 sds	NEW 4795-4800'	
GB6 sds	NEW 4220-4228'	4/32	B1 sds	NEW 4980-4985'	
GB6 sds	NEW 4252-4254'	4/8	A3 sds	5188-5196'	5/40(reperf)
PT3	NEW 4272-4276'	4/16			

**CHRONOLOGICAL OPERATIONS**

Date Work Performed: Nov. 6, 2002 SITP: 0 SICP: 0

**Day 3(b):**

ND isolation tool. RU PSI WLT & run Weatherford 5 1/2" "HE" RBP & 4" ported perf guns. Set plug @ 4330'. Perf new intervals as follows: PT3 @ 4272-76', GB6 sds @ 4252-54' & 4220-28' and GB4 sds @ 4172-80' & 4164-68'. All 4 JSPF. 2 runs total. RD WLT. NU isolation tool. RU BJ Services and frac GB4/GB6/PT3 W/ 95,021# 20/40 sand in 674 bbls Viking I-25 fluid. Perfs broke down @ 2950 psi. Treated @ ave press of 1825 psi W/ ave rate of 25 BPM. ISIP-2080 psi. RD BJ. Begin immediate flowback of frac on 12/64 choke @ 1 BPM. Zone flowed 5 hrs & died. Rec 244 BTF (est 36% of frac load). SIFN W/ est 968 BWTR.

**FLUID RECOVERY (BBLs)**

Starting fluid load to be recovered: 538 Starting oil rec to date: 0  
 Fluid lost/recovered today: 430 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 968 Cum oil recovered: 0  
 IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: 12/64 Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

**STIMULATION DETAIL**

**COSTS**

Base Fluid used:	Job Type:	Pool rig	
<u>Viking I-25</u>	<u>Sand frac</u>		<u>\$1,157</u>
Company: <u>BJ Services</u>		<u>Weatherford RBP</u>	<u>\$1,000</u>
Procedure or Equipment detail:	<u>GB4, GB6 and PT3 sands</u>	<u>BJ Services-GB/PT3</u>	<u>\$17,524</u>
		<u>Betts frac water</u>	<u>\$900</u>
<u>7500 gals of pad</u>		<u>IPC fuel gas</u>	<u>\$100</u>
<u>5000 gals W/ 1-5 ppg of 20/40 sand</u>		<u>IPC frac tks (4X4 dys)</u>	<u>\$640</u>
<u>10000 gals W/ 5-8 ppg of 20/40 sand</u>		<u>PSI-GB/PT3</u>	<u>\$2,160</u>
<u>1758 gals W/ 8 ppg of 20/40 sand</u>		<u>IPC flowback super</u>	<u>\$200</u>
<u>Flush W/ 4074 gals of slick water</u>		<u>IPC supervision</u>	<u>\$200</u>

Max TP: 2234 Max Rate: 25.2 BPM Total fluid pmpd: 674 bbls  
 Avg TP: 1825 Avg Rate: 25 BPM Total Prop pmpd: 95,021#  
 ISIP: 2080 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: .93  
 Completion Supervisor: Gary Dietz

DAILY COST: \$23,881  
 TOTAL WELL COST: \$58,640









ATTACHMENT G-1  
11 of 11

**DAILY WORKOVER REPORT**

WELL NAME: Monument Federal 42-11j-9-16 Report Date: Nov. 12, 2002 Day: 07  
 Operation: Re-complete Rig: Pool #820

**WELL STATUS**

Surf Csg: 8 5/8 @ 140 Prod Csg: 5 1/2" @ 5271' WT: 15.5# Csg PBDT: 5223'  
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Anchor @: 5014' BP/Sand PBDT: 5223'

**PERFORATION RECORD**

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	NEW 4164-4168'	4/16	D1 sds	4736-4741'	5/25(reperf)
GB4 sds	NEW 4172-4180'	4/32	D2 sds	NEW 4795-4800'	
GB6 sds	NEW 4220-4228'	4/32	B1 sds	NEW 4980-4985'	
GB6 sds	NEW 4252-4254'	4/8	A3 sds	5188-5196'	5/40(reperf)
PT3	NEW 4272-4276'	4/16			

**CHRONOLOGICAL OPERATIONS**

Date Work Performed: Nov. 11, 2002 SITP: 200 SICP: 300

Bleed gas off well. TIH W/ tbg. Tag PBDT @ 5223' (no new fill). LD excess tbg. TOH & LD NC (tbg came plugged partway out, rev circ oil f/ well W/ 50 BW (rec approx. 34 BO). TIH W/ BHA & production tbg as follows: 2 7/8 NC, 1 jt tbg, new SN, 2 jts tbg, repaired Axelson 5 1/2" TA (45K) & 156 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5014' W/ SN @ 5079' & EOT @ 5113'. Land tbg W/ 15,000# tension. NU wellhead. Flush tbg W/ 40 BW (returned 37 BW f/ annulus). TIH W/ rod string as follows: repaired Axelson 2 1/2" X 1 1/2" X 15.5' RHAC pump, 6-1 1/2" weight rods (3/4" pins), 13-3/4" scraped rods, 84-3/4" plain rods, 99-3/4" scraped rods, 1-8", 1-6" & 1-2" X 3/4" pony rods and 1 1/4" X 22' polished rod. Seat pump. RU pumping unit. Fill tbg W/ 1 BW. Pressure test pump & tbg to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 725 BWTR. **Place well on production @ 4:30 PM, 11/11/02 W/ 86" SL @ 4 SPM. FINAL REPORT.**

**FLUID RECOVERY (BBLs)**

Starting fluid load to be recovered: 671 Starting oil rec to date: 31  
 Fluid lost/recovered today: 54 Oil lost/recovered today: 34  
 Ending fluid to be recovered: 725 Cum oil recovered: 65  
 IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

**TUBING DETAIL**

**ROD DETAIL**

**COSTS**

KB 10.00'  
 156 2 7/8 J-55 tbg (5004.31')  
TA (2.80' 5014.31' KB)  
 2 2 7/8 J-55 tbg (62.33')  
SN (1.10' @ 5079.44' KB)  
 1 2 7/8 J-55 tbg (32.05')  
2 7/8 NC (.45')  
 EOT 5113.04' W/ 10' KB

1 1/4" X 22' polished rod  
1-8", 1-6" & 1-2" X 3/4" pony rods  
99-3/4" scraped rods  
84-3/4" plain rods  
13-3/4" scraped rods  
6-1 1/2" weight rods  
Axelson 2 1/2" X 1 1/2" X 15.5'  
RHAC pump W/ SM plunger

Pool rig \$2,314  
Weatherford BOP \$130  
RNI wtr disposal \$300  
Zubiate HO trk \$700  
Axelson SN \$70  
IPC swab tk (7 days) \$280  
Mt. West sanitation \$300  
IPC location cleanup \$300  
IPC trucking \$200  
IPC supervision \$200

Completion Supervisor: Gary Dietz

**DAILY COST:** \$4,794  
**TOTAL WELL COST:** \$73,412

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4114'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 145' balance plug using 17 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Perforate 4 JSPF @ 1565'
5. Plug #3 120' plug covering Uinta/Green River formation using 25sx Class "G" cement pumped under CICR and out perforations. Follow using 7 sx Class "G" cement pumped on top of CICR
6. Perforate 4 JSPF @ 190'
7. Plug #4 Circulate 53 sx Class "G" cement down 5 1/2" casing and up the 5-1/2" x 8-5/8" annulus

The approximate cost to plug and abandon this well is \$42,000.

## Monument Federal #42-11j-9-16

Spud Date: 6/28/1994 (Re-entry)  
 Put on Production: 8/01/1994  
 GL: 5554' KB: 5564'

Initial Production: 33 BOPD,  
 NM MCFD, 0 BWPD

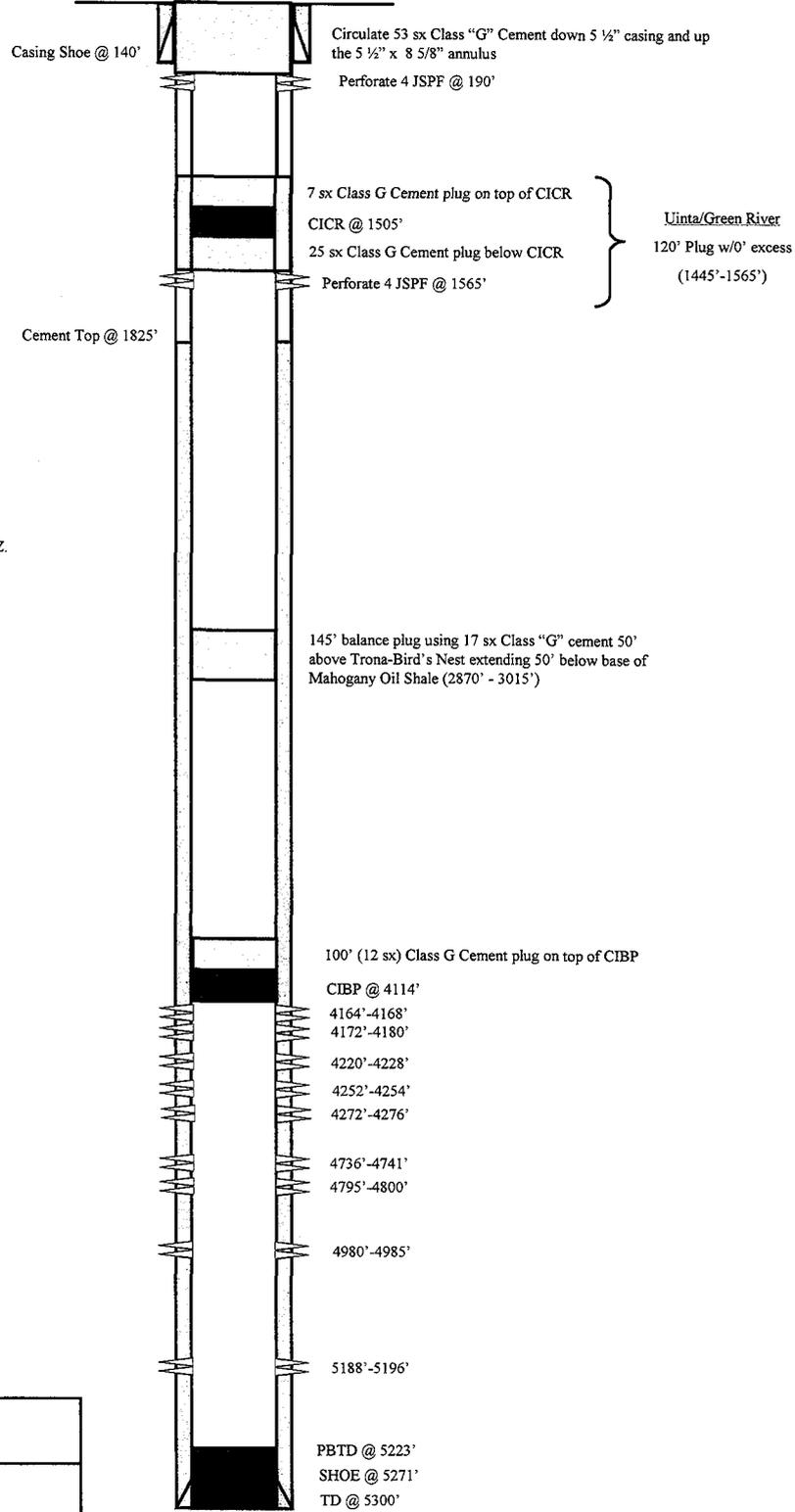
Proposed P & A  
 Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 DEPTH LANDED: 140' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs cement.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 122 jts. (5261.75')  
 DEPTH LANDED: 5270.75'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 290 sxs Super "G" & 150 sxs 50/50 POZ.  
 CEMENT TOP AT: 1825' per CBL



**NEWFIELD**

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**Monument Federal #42-11J-9-16**

1991' FNL & 495' FEL

SENE Section 11-T9S-R16E

Duchesne Co, Utah

API #43-013-30066; Lease #UTU-096550

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 re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**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 area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1991 FNL 495 FEL  
SENE Section 11 T9S R16E

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 42-11J

9. API Well No.  
4301330066

10. Field and Pool, or Exploratory Area  
GREATER MB UNIT

11. County or Parish, State  
DUCHESNE, UT

**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 Jan 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

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 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 33-33-8 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 44-6-9-16Y 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.

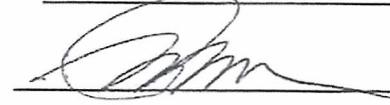
STATE OF UTAH  
 DIVISION OF OIL, GAS & MINING  
 /s/ Brad Hill  
 Brad Hill  
 Permitting Manager

AFFIDAVIT OF PUBLICATION

658258 UPAXLP

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 APPLIC** 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.

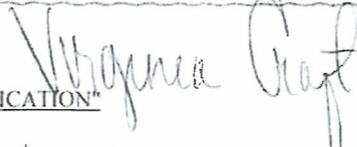
PUBLISHED ON Start 01/27/2011 End 01/27/2011

SIGNATURE 

VIRGINIA CRAFT  
 Notary Public, State of Utah  
 Commission # 881489  
 My Commission Expires  
 January 12, 2014

1/28/2011

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"  
 PLEASE PAY FROM BILLING STATEMENT  
 0000/RP/GGDICADMIN/GF11/6131



# 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*

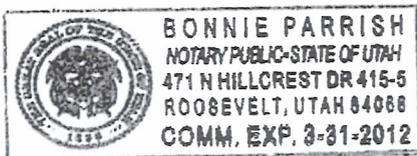
Editor

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 3, 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 of the "Di-

## 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  
meetings during this  
needing special accom-  
modations during this  
abilities Act, individuals  
the Americans with Dis-  
In compliance with  
face, 435-722-3393.

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

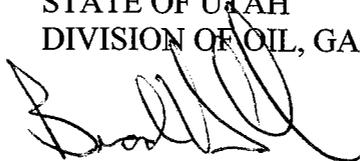
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

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





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 23, 2011

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

Subject: Greater Monument Butte Unit Well: Monument Federal 42-11J, Section 11, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-30066

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 4,710 feet in the Monument Federal 42-11J 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,

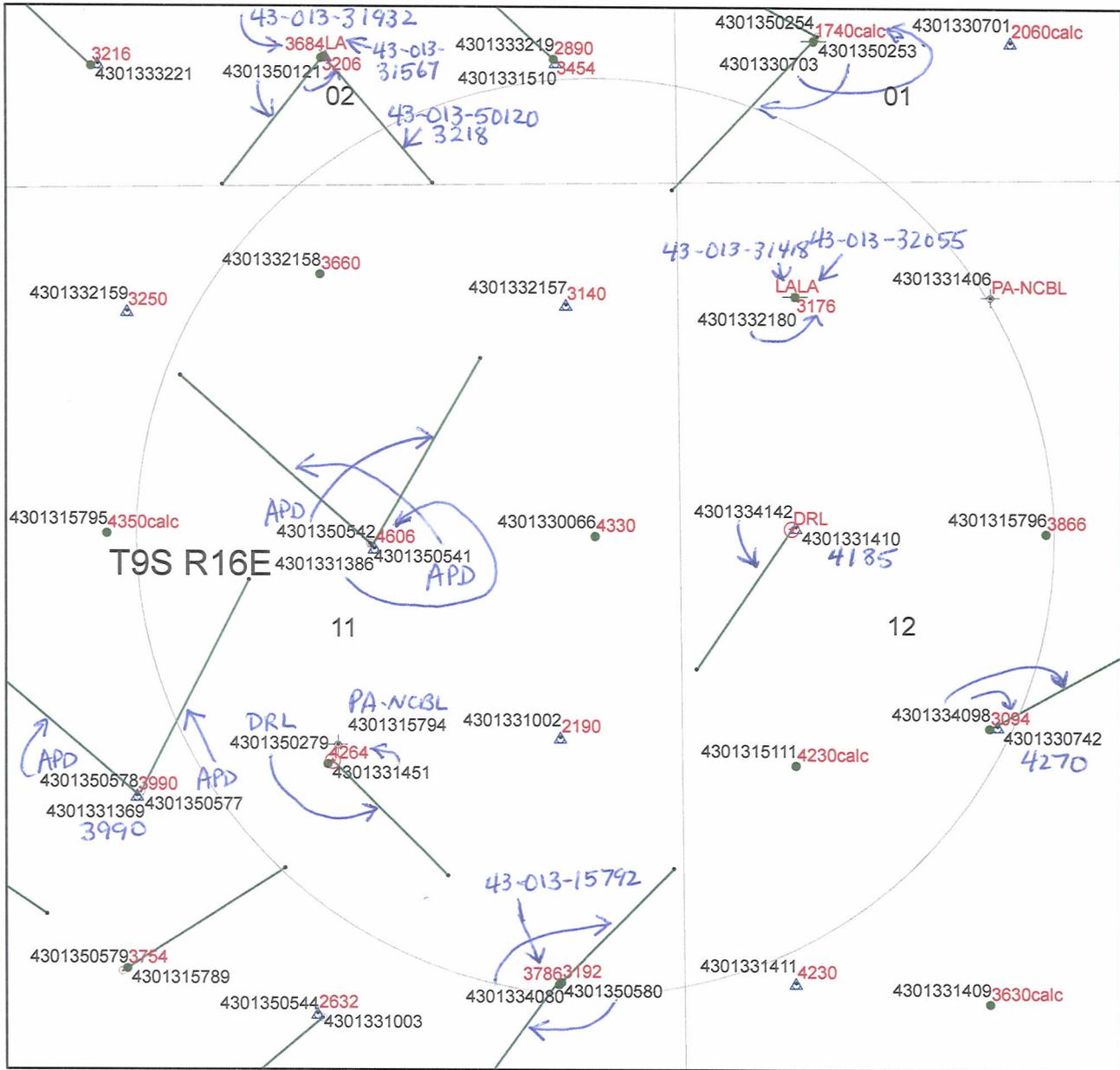
  
John Rogers  
Associate Director

JR/MLR/js

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

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





# Cement Bond Tops

## MONUMENT FEDERAL 42-11J-9-16

API #43-013-30066  
UIC-371.8

**Legend**

- |  |                  |
|--|------------------|
| Buffer_of_SGID93_ENERGY_DNROilGasWells_9 | PRODUCING OIL    |
| GAS INJECTION                            | SHUT-IN GAS      |
| TW                                       | SHUT-IN OIL      |
| TA                                       | TEMP ABANDONED   |
| OPS                                      | TEST WELL        |
| GS                                       | WATER INJECTION  |
| APD                                      | WATER SUPPLY     |
| PA                                       | WATER DISPOSAL   |
| LA                                       | DRILLING         |
| GAS STORAGE                              | RETURNED GAS     |
| LOCATION ABANDONED                       | RETURNED OIL     |
| NEW LOCATION                             | GAS INJECTION SI |
| PLUGGED & ABANDONED                      | WATER DISP SUSP  |
| PRODUCING GAS                            | WATER INJ SUSP   |
| Townships                                |                  |
| Sections                                 |                  |
| Wells-CbitopsMaster2_08_11               |                  |
| SGID93 ENERGY DNR OilGasWells_HDPath     |                  |



1870calc = approx cement top calculated from well completion report



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

**Applicant:** Newfield Production Company      **Well:** Monument Federal 42-11J-9-16

**Location:** 11/9S/16E      **API:** 43-013-30066

**Ownership Issues:** The proposed 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 and the State of Utah. The Federal Government and the State of Utah are the mineral owners 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 proposed well has surface casing set at 140 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,271 feet. A cement bond log demonstrates adequate bond in this well up to about 4,330 feet. A 2 7/8 inch tubing with a packer is proposed to be set at 4,114 feet, but it will need to be adjusted downward. A mechanical integrity test will be run on the well prior to injection. Based on surface locations, there are 8 producing wells, 5 injection wells, 1P/A well, and 1 shut-in well in the AOR. One of the producing wells is directionally drilled, with a surface location inside the AOR and a bottom hole location 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. There are 2 currently permitted surface locations outside the AOR from which wells will be directionally drilled to bottom hole locations inside the AOR. Most of the existing wells have evidence of adequate casing and cement for the proposed injection interval. However, the proposed injection well (API # 43-013-30066), along with Monument Federal 32-11J (API # 43-013-31386), Monument Federal 12-12J (API # 43-013-31410), Monument Federal 33-11J (API # 43-013-31451), C&O Govt 1 (API # 43-013-15111), Govt C&O 4 (API # 43-013-30742), all located within the AOR, appear to have inadequate cement for the proposed injection interval. The most limiting of these wells is Monument Federal 32-11J, which is an active injection well. Its CBL (9/16/1993) indicates a cement top at about 4,606 feet. To protect these wellbores Newfield will not perforate the Monument Federal 42-11J above 4,710 feet (see next paragraph). 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.

**Ground Water Protection:** As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 1500 feet. The requested injection interval is between 4,017 feet and 5,223 feet in the Green River Formation. However, the top of good cement bond is at about 4,606 feet in the Monument Federal 32-11J, an active injection well

**Monument Butte Federal 42-11J-9-16**

**page 2**

located within the AOR, approximately 1/4 mile east of the Monument Federal 42-11J well. This cement top correlates to a depth of approximately 4,610 feet in the Monument Federal 42-11J well. For this reason, it is recommended that the top of the injection interval be permitted no higher than a depth of 4,710 feet in the Monument Federal 42-11J well. Information submitted by Newfield indicates that the fracture gradient for the 42-11J-9-16 well is 0.79 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,639 psig. The requested maximum pressure is 1,639 psig. The anticipated average injection pressure is 1100 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 2/1/2011

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU-096550

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
GMBU (GRRV)

1. TYPE OF WELL  
Oil Well

8. WELL NAME and NUMBER:  
MONUMENT FED 42-11J

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301330066000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052  
PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT:  
MONUMENT BUTTE

4. LOCATION OF WELL  
FOOTAGES AT SURFACE:  
1991 FNL 0495 FEL  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
Qtr/Qtr: SENE Section: 11 Township: 09.0S Range: 16.0E Meridian: S

COUNTY:  
DUCHESNE

STATE:  
UTAH

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

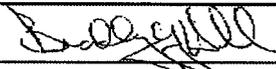
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/16/2012  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input checked="" type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input 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 type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 03/13/2012. On 03/14/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/16/2012 the casing was pressured up to 1275 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

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

Date: March 26, 2012

By: 

NAME (PLEASE PRINT)  
Lucy Chavez-Naupoto

PHONE NUMBER  
435 646-4874

TITLE  
Water Services Technician

SIGNATURE  
N/A

DATE  
3/19/2012

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

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

Witness: \_\_\_\_\_ Date 3/16/12 Time 10 am pm  
Test Conducted by: Jared Robinson  
Others Present: \_\_\_\_\_

Well: <u>Monument Federal 42-11J-9-16</u>	Field: <u>Monument Butte</u>
Well Location: <u>SE/NE Sec. 11, T9S, R16E</u>	API No: <u>43-013-30066</u>
<u>Duchesne County</u>	

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1275</u>	psig
5	<u>1275</u>	psig
10	<u>1275</u>	psig
15	<u>1275</u>	psig
20	<u>1275</u>	psig
25	<u>1275</u>	psig
30 min	<u>1275</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 0 psig

Result: Pass Fail

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

Signature of Person Conducting Test: Jared Robinson

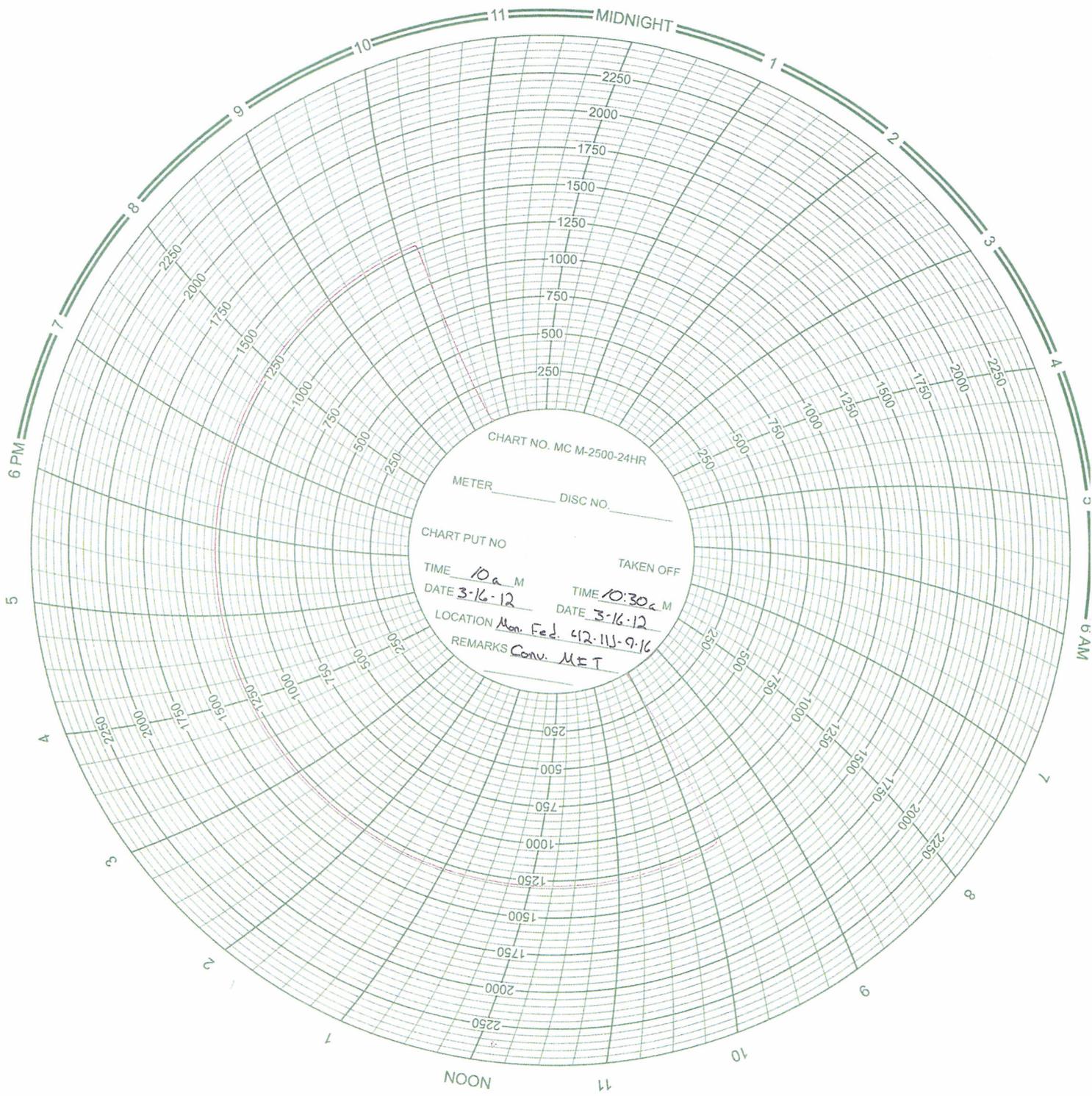


CHART NO. MC M-2500-24HR

METER \_\_\_\_\_ DISC NO. \_\_\_\_\_

CHART PUT NO \_\_\_\_\_

TIME 10 a.m. TAKEN OFF \_\_\_\_\_

DATE 3-16-12 DATE 3-16-12

LOCATION Mon. Fed. 42-115-9-16

REMARKS Conv. MET

**Daily Activity Report****Format For Sundry****MON 42-11J-9-16****1/1/2012 To 5/30/2012****3/5/2012 Day: 1****Conversion**

on 3/5/2012 - Road rig to location. Spot in rig @ well head. Wait on wind to die down for 3 hrs. - Crew travel - MISISU WWS #7. Wait on wind. Could not RU due to wind. SDFN - MISISU WWS #7. Wait on wind. Could not RU due to wind. SDFN - Crew travel - MISISU WWS #7. Wait on wind. Could not RU due to wind. SDFN - Crew travel **Finalized**

**Daily Cost:** \$0**Cumulative Cost:** \$7,068**3/7/2012 Day: 2****Conversion**

WWS #7 on 3/7/2012 - MIRUSU WWS #7. Attempt to test tbg w/ out success. Make repairs to rig. TOH laying down rod string. - Crew travel & pre-job safety meeting. - RUSU WWS #7. Hot oiler had pumped 60 bw down CSG @ 250°. RD pumping unit. Open well. Unseat rod pump. Flush rods 7 tbg w/ 30 bw @ 250°. Soft seat rod pump. Attempt to test tbg w/ out success w/ 32 BW. - Make repairs to rig. - Retrieve rods. LD 1 1/2" x 26' polished rod, 1 - 2' & 8' x 3/4" pony subs. TOOH laying down rod string. Get out of hole w/ 100 - 3/4" guided rods(4 per), 53 - 3/4" plain rods, 41 - 3/4" guided rods(4 per), & 6 - 1 1/2" wt bars. LD rod pump. Flushed tbg & rods w/ 90 bw total on TOOH. SDFN - Crew travel - Crew travel & pre-job safety meeting. - RUSU WWS #7. Hot oiler had pumped 60 bw down CSG @ 250°. RD pumping unit. Open well. Unseat rod pump. Flush rods 7 tbg w/ 30 bw @ 250°. Soft seat rod pump. Attempt to test tbg w/ out success w/ 32 BW. - Make repairs to rig. - Retrieve rods. LD 1 1/2" x 26' polished rod, 1 - 2' & 8' x 3/4" pony subs. TOOH laying down rod string. Get out of hole w/ 100 - 3/4" guided rods(4 per), 53 - 3/4" plain rods, 41 - 3/4" guided rods(4 per), & 6 - 1 1/2" wt bars. LD rod pump. Flushed tbg & rods w/ 90 bw total on TOOH. SDFN - Crew travel - Crew travel & pre-job safety meeting. - RUSU WWS #7. Hot oiler had pumped 60 bw down CSG @ 250°. RD pumping unit. Open well. Unseat rod pump. Flush rods 7 tbg w/ 30 bw @ 250°. Soft seat rod pump. Attempt to test tbg w/ out success w/ 32 BW. - Make repairs to rig. - Retrieve rods. LD 1 1/2" x 26' polished rod, 1 - 2' & 8' x 3/4" pony subs. TOOH laying down rod string. Get out of hole w/ 100 - 3/4" guided rods(4 per), 53 - 3/4" plain rods, 41 - 3/4" guided rods(4 per), & 6 - 1 1/2" wt bars. LD rod pump. Flushed tbg & rods w/ 90 bw total on TOOH. SDFN - Crew travel **Finalized**

**Daily Cost:** \$0**Cumulative Cost:** \$13,093**3/13/2012 Day: 3****Conversion**

WWS #7 on 3/13/2012 - TOOH w/ tbg. MU bailer assembly. TIH w/ tbg. Bail out 78' fill. TOOH w/ tbg. LD bailer assembly. - Crew travel & pre-job safety meeting. - X-over to tbg equipment. Open well. ND well head. Release TAC. NU BOP. RU work floor. PU 2 jts tbg & tag fill @ 5123'. 64' new fill. LD 2 jts tbg. Flush tbg w/ 60 bw @ 250°. TOOH w/ tbg detail breaking collars & applying Liquid O-Ring to threads. Get out of hole w/ tbg. Found hole in jt directly above PSN (flushed tbg w/ 50 bw on TOOH). MU bailer assembly. TIH w/ tbg w/ 40 jt cavity. Get in hole w/ tbg & tag fill @ 5123'. Bail out fill to 5201'. 5' below btm perfs. Bailer failed to make any more hole. TOOH w/ tbg. Get out of hole w/ tbg. Lay down bailer assembly. Found 2 jts full of sand & scale. SDFN - Crew travel - Crew travel - Crew travel - Crew travel & pre-job safety meeting. - Crew travel & pre-job safety meeting. - X-over to tbg equipment. Open well. ND well head. Release TAC. NU BOP. RU work floor. PU 2 jts tbg & tag

fill @ 5123'. 64' new fill. LD 2 jts tbg. Flush tbg w/ 60 bw @ 250°. TOOH w/ tbg detail breaking collars & applying Liquid O-Ring to threads. Get out of hole w/ tbg. Found hole in jt directly above PSN (flushed tbg w/ 50 bw on TOOH). MU bailer assembly. TIH w/ tbg w/ 40 jt cavity. Get in hole w/ tbg & tag fill @ 5123'. Bail out fill to 5201'. 5' below btm perfs. Bailer failed to make any more hole. TOOH w/ tbg. Get out of hole w/ tbg. Lay down bailer assembly. Found 2 jts full of sand & scale. SDFN - X-over to tbg equipment. Open well. ND well head. Release TAC. NU BOP. RU work floor. PU 2 jts tbg & tag fill @ 5123'. 64' new fill. LD 2 jts tbg. Flush tbg w/ 60 bw @ 250°. TOOH w/ tbg detail breaking collars & applying Liquid O-Ring to threads. Get out of hole w/ tbg. Found hole in jt directly above PSN (flushed tbg w/ 50 bw on TOOH). MU bailer assembly. TIH w/ tbg w/ 40 jt cavity. Get in hole w/ tbg & tag fill @ 5123'. Bail out fill to 5201'. 5' below btm perfs. Bailer failed to make any more hole. TOOH w/ tbg. Get out of hole w/ tbg. Lay down bailer assembly. Found 2 jts full of sand & scale.

**SDFN Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$21,030

### 3/14/2012 Day: 4

### Conversion

WWS #7 on 3/14/2012 - TIH w/ PKR & injection string. Pressure test tbg to 3000 psi for 30 min for good test. Pump PKR fluid. Set PKR. Land tbg. Pressure test CSG to 1400 psi for 30 min good test. RDMOSU WWS #7. - Open well. TIH w/ Weatherford AS-1X arrowset PKR, new PSN, & 126 jts tbg. Pump 10 bw & drop SV. Test tbg to 3000 psi w/ 18 bw. Watch tbg for 1 hr to get good test. RIH w/ SL. Latch onto & unseat SV. POOH w/ SL. Circulate PKR fluid. ND BOP. Land tbg w/ 14000# tension. NU injection tree. Pressure test csg to 1400 psi. & watch for 1 hr to get good test. RDMOSU WWS #7. READY FOR MIT!! - Crew travel & safety meeting. - Open well. TIH w/ Weatherford AS-1X arrowset PKR, new PSN, & 126 jts tbg. Pump 10 bw & drop SV. Test tbg to 3000 psi w/ 18 bw. Watch tbg for 1 hr to get good test. RIH w/ SL. Latch onto & unseat SV. POOH w/ SL. Circulate PKR fluid. ND BOP. Land tbg w/ 14000# tension. NU injection tree. Pressure test csg to 1400 psi. & watch for 1 hr to get good test. RDMOSU WWS #7. READY FOR MIT!! - Crew travel & safety meeting. - Crew travel & safety meeting. - Open well. TIH w/ Weatherford AS-1X arrowset PKR, new PSN, & 126 jts tbg. Pump 10 bw & drop SV. Test tbg to 3000 psi w/ 18 bw. Watch tbg for 1 hr to get good test. RIH w/ SL. Latch onto & unseat SV. POOH w/ SL. Circulate PKR fluid. ND BOP. Land tbg w/ 14000# tension. NU injection tree. Pressure test csg to 1400 psi. & watch for 1 hr to get good test. RDMOSU WWS #7. READY FOR MIT!!

**Daily Cost:** \$0

**Cumulative Cost:** \$17,205

### 3/19/2012 Day: 5

### Conversion

Rigless on 3/19/2012 - Conduct initial MIT - On 03/14/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/16/2012 the casing was pressured up to 1275 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 03/14/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/16/2012 the casing was pressured up to 1275 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 03/14/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/16/2012 the casing was pressured up to 1275 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$49,025

**Pertinent Files: Go to File List**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096550
<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.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: MONUMENT FED 42-11J
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013300660000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1991 FNL 0495 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 11 Township: 09.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE  COUNTY: DUCHESNE  STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input type="text" value="Put on Injection"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/5/2012			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 5:00 PM on  
04/05/2012.

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining**  
  
**Date:** April 18, 2012  
**By:**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 4/9/2012	



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

## UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-371

**Operator:** Newfield Production Company  
**Well:** Monument Federal 42-11J  
**Location:** Section 11, Township 9 South, Range 16 East  
**County:** Duchesne  
**API No.:** 43-013-30066  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on February 23, 2011.
2. Maximum Allowable Injection Pressure: 1,639 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,710' – 5,223')
5. 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

3-29-12  
Date

JR/MLR/js

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

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

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114 -5801  
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • [www.ogm.utah.gov](http://www.ogm.utah.gov)



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096550
<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.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 1991 FNL 0495 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 11 Township: 09.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE  COUNTY: DUCHESNE  STATE: UTAH

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

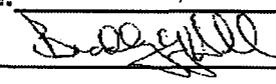
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <b>10/12/2012</b>  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <span style="border: 1px solid black; padding: 2px;">W/O MIT - Water Isolation</span>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well had workover procedures performed (water isolation), attached is a daily status report. On 10/10/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 10/12/2012 the csg was pressured up to 1150 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbp pressure was 0 psig during the test. There was not a State representative available to witness the test.

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

Date: October 29, 2012

By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/19/2012	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: \_\_\_\_\_ Date 10/12/12 Time 9:50 am pm

Test Conducted by: R. Ly B. Ly

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

Well: <u>Monument</u> <u>42-113-4-16</u>	Field: <u>Monument B-H</u>
Well Location: <u>Monument</u> <u>42-113-9-16</u>	API No: <u>4301330066</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1150</u>	psig
5	<u>1150</u>	psig
10	<u>1150</u>	psig
15	<u>1150</u>	psig
20	<u>1150</u>	psig
25	<u>1150</u>	psig
30 min	<u>1150</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

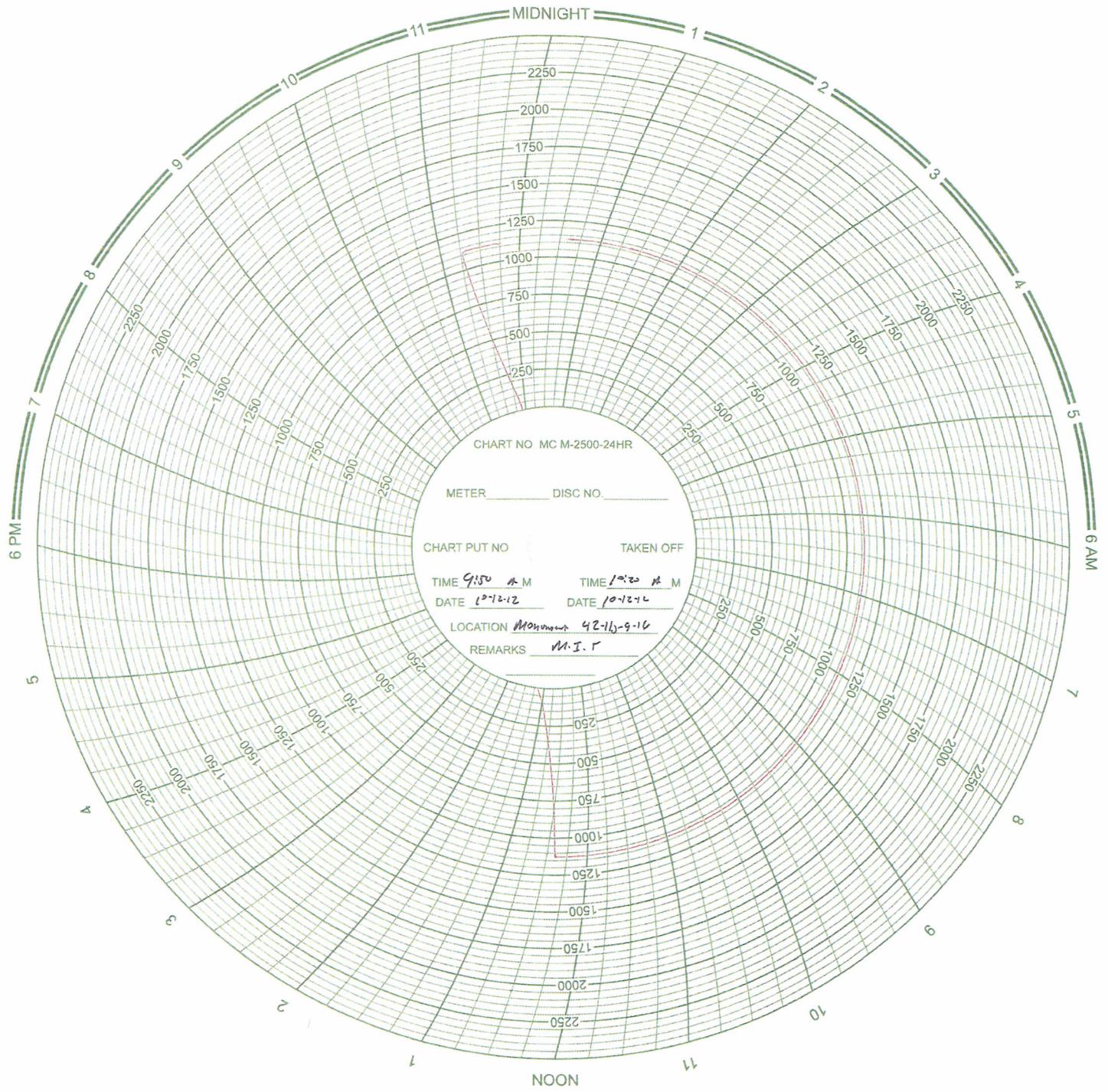
Tubing pressure: 0 psig

Result: Pass Fail

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

Signature of Person Conducting Test: R. Ly B. Ly

Sundry Number: 31192 API Well Number: 43013300660000



## Daily Activity Report

Format For Sundry

MON 42-11J-9-16

8/1/2012 To 12/30/2012

10/9/2012 Day: 1

Water Isolation

WWS #5 on 10/9/2012 - MIRUSU TOH w/tubing - MIRUSU, ND wellhead, unset packer, strip on BOP's. RU floor and tbg works w/60 bbls water. Circ SV to PSN, test tbg to 3000psi, ok. RU and RIH w/sandline ret SV. POOH and rack out sandline. TOOH tallying tbg w/14 jts 2 7/8" tbg. Swabbing oil up casing, circ well w/30 bbls, cont TOOH w/132 jts LD PSN & 5 1/2 packer. RU WL set pkr @ 4639' RD WL SDFD. - MIRUSU, ND wellhead, unset packer, strip on BOP's. RU floor and tbg works w/60 bbls water. Circ SV to PSN, test tbg to 3000psi, ok. RU and RIH w/sandline ret SV. POOH and rack out sandline. TOOH tallying tbg w/14 jts 2 7/8" tbg. Swabbing oil up casing, circ well w/30 bbls, cont TOOH w/132 jts LD PSN & 5 1/2 packer. RU WL set pkr @ 4639' RD WL SDFD. - MIRUSU, ND wellhead, unset packer, strip on BOP's. RU floor and tbg works w/60 bbls water. Circ SV to PSN, test tbg to 3000psi, ok. RU and RIH w/sandline ret SV. POOH and rack out sandline. TOOH tallying tbg w/14 jts 2 7/8" tbg. Swabbing oil up casing, circ well w/30 bbls, cont TOOH w/132 jts LD PSN & 5 1/2 packer. RU WL set pkr @ 4639' RD WL SDFD. - MIRUSU, ND wellhead, unset packer, strip on BOP's. RU floor and tbg works w/60 bbls water. Circ SV to PSN, test tbg to 3000psi, ok. RU and RIH w/sandline ret SV. POOH and rack out sandline. TOOH tallying tbg w/14 jts 2 7/8" tbg. Swabbing oil up casing, circ well w/30 bbls, cont TOOH w/132 jts LD PSN & 5 1/2 packer. RU WL set pkr @ 4639' RD WL SDFD.

Daily Cost: \$0

Cumulative Cost: \$28,500

10/10/2012 Day: 2

Water Isolation

WWS #5 on 10/10/2012 - TIH w/ tubing and packer pressure test - PU and talley 2 7/8 stinger 2 3/8" x-over 2 3/8" PSN 2 7/8" x-over PU 17 jts new 2 7/8" tbg breaking and redoping collars. PU packer, cont TIH w/126 jts 2 7/8" tbg. Sting into bottom packer @ 4639'. LD 2 jts space out w/1-8', 2-6', 1-4', 1-2' n-80 tbg subs. PU 1 jt 2 7/8" tbg, flush tbg w/ 40bbls circ SV to PSN test tbg to 3000 psi for 30 min, ok, ret SV. Pump 70bbls fresh water and pakcer fluid down casing. RD floor and tbg works, strip off 5000# BOP's. Sting into bottom pkr, set pkr w/15000# tension at 4085'. NU wellhead and test csg and pkr to 1400psi for 30 min. ROMO. - PU and talley 2 7/8 stinger 2 3/8" x-over 2 3/8" PSN 2 7/8" x-over PU 17 jts new 2 7/8" tbg breaking and redoping collars. PU packer, cont TIH w/126 jts 2 7/8" tbg. Sting into bottom packer @ 4639'. LD 2 jts space out w/1-8', 2-6', 1-4', 1-2' n-80 tbg subs. PU 1 jt 2 7/8" tbg, flush tbg w/ 40bbls circ SV to PSN test tbg to 3000 psi for 30 min, ok, ret SV. Pump 70bbls fresh water and pakcer fluid down casing. RD floor and tbg works, strip off 5000# BOP's. Sting into bottom pkr, set pkr w/15000# tension at 4085'. NU wellhead and test csg and pkr to 1400psi for 30 min. ROMO. - PU and talley 2 7/8 stinger 2 3/8" x-over 2 3/8" PSN 2 7/8" x-over PU 17 jts new 2 7/8" tbg breaking and redoping collars. PU packer, cont TIH w/126 jts 2 7/8" tbg. Sting into bottom packer @ 4639'. LD 2 jts space out w/1-8', 2-6', 1-4', 1-2' n-80 tbg subs. PU 1 jt 2 7/8" tbg, flush tbg w/ 40bbls circ SV to PSN test tbg to 3000 psi for 30 min, ok, ret SV. Pump 70bbls fresh water and pakcer fluid down casing. RD floor and tbg works, strip off 5000# BOP's. Sting into bottom pkr, set pkr w/15000# tension at 4085'. NU wellhead and test csg and pkr to 1400psi for 30 min. ROMO. - PU and talley 2 7/8 stinger 2 3/8" x-over 2 3/8" PSN 2 7/8" x-over PU 17 jts new 2 7/8" tbg breaking and redoping collars. PU packer, cont TIH w/126 jts 2 7/8" tbg. Sting into bottom packer @ 4639'. LD 2 jts space out w/1-8', 2-6', 1-4', 1-2' n-80 tbg subs. PU 1 jt 2 7/8" tbg, flush tbg w/ 40bbls circ SV to PSN test tbg to 3000 psi for 30 min, ok, ret SV. Pump 70bbls fresh water and pakcer fluid down casing. RD floor and tbg works, strip off 5000# BOP's. Sting into

bottom pkr, set pkr w/15000# tension at 4085'. NU wellhead and test csg and pkr to 1400psi for 30 min. ROMO.

**Daily Cost:** \$0

**Cumulative Cost:** \$35,541

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**10/16/2012 Day: 3**

**Water Isolation**

Rigless on 10/16/2012 - Conduct MIT - On 10/10/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 10/12/2012 the csg was pressured up to 1150 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 10/10/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 10/12/2012 the csg was pressured up to 1150 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 10/10/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 10/12/2012 the csg was pressured up to 1150 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 10/10/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 10/12/2012 the csg was pressured up to 1150 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$36,441

---

**Pertinent Files: Go to File List**

**Mark Reinbold - FW: Monument Fed 42-11J (43-013-30066)**

**From:** Jill Loyle <jloyle@newfield.com>  
**To:** "Mark Reinbold (markreinbold@utah.gov)" <markreinbold@utah.gov>  
**Date:** 6/5/2012 1:03 PM  
**Subject:** FW: Monument Fed 42-11J (43-013-30066)

This is what I found out for you. I guess they are fixing it.

See below.

**Jill Loyle**

**Regulatory Technician**  
Office: 303-383-4135

**NEWFIELD**



**From:** Lucy Chavez-Naupoto  
**Sent:** Tuesday, June 05, 2012 1:02 PM  
**To:** Jill Loyle  
**Subject:** RE: Monument Fed 42-11J (43-013-30066)

Ok got an answer – the well is shut in and a rig is on to do a straddle packer on the 42-11J.

**Lucy Chavez-Naupoto**

**Technician.Water Services**  
Office: 435-646-4874

**NEWFIELD**



**From:** Jill Loyle  
**Sent:** Tuesday, June 05, 2012 11:34 AM  
**To:** Lucy Chavez-Naupoto  
**Subject:** FW: Monument Fed 42-11J (43-013-30066)

Hi Lucy,

Mark has a question. Please see below.

Thanks,

**Jill Loyle**

**Regulatory Technician**

Office: 303-383-4135

**NEWFIELD**



**From:** Mark Reinbold [<mailto:markreinbold@utah.gov>]

**Sent:** Tuesday, June 05, 2012 11:32 AM

**To:** Jill Loyle

**Subject:** Monument Fed 42-11J (43-013-30066)

Jill,

This well went on injection 4/5/2012. According to the injection well diagram which I have, the uppermost injection perf is at 4164. The permitted top is 4710. Could you verify the injection top? I don't recall if I have asked for a RAT Survey or such, but it may be required. Thank you for your support.

Mark

# Monument Federal 42-11J-9-16

Spud Date: 6/28/1994 (Re-entry)  
 Put on Production: 8/01/1994  
 GL: 5554' KB: 5564'

Initial Production: 33 BOPD,  
 NM MCFD, 0 BWPD

## Injection Wellbore Diagram

### SURFACE CASING

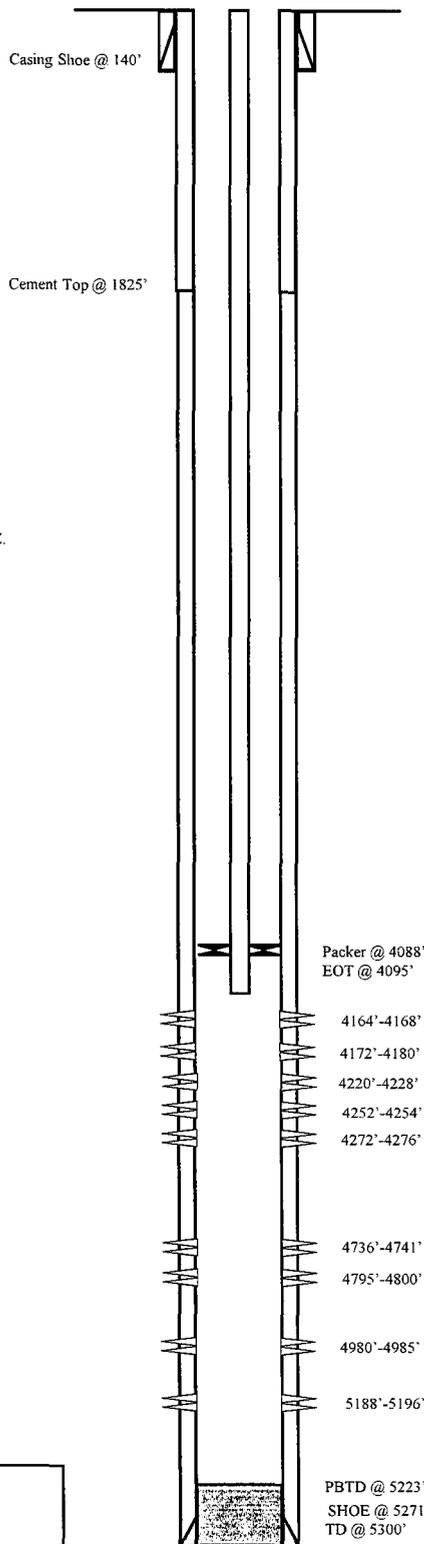
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 DEPTH LANDED: 140' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs cement.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 122 jts. (5261.75')  
 DEPTH LANDED: 5270.75'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 290 sxs Super "G" & 150 sxs 50/50 POZ.  
 CEMENT TOP AT: 1825' per CBL

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 126 jts (4076.6)  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4086.6'  
 PACKER @ 4087.7'  
 TOTAL STRING LENGTH: EOT @ 4095'



### FRAC JOB

7/16/94	5188'-5196'	<b>Frac zone as follows:</b> 14,860# 20/40 sand + 11,600# 16/30 sand in 290 bbls 2% KCl frac fluid. Treated @ avg press of 3000 psi w/avg rate of 30 BPM. ISIP 4400 psi. Screened out with 1660# sand left in casing.
7/16/94	4736'-4741'	<b>Frac zone as follows:</b> 14,100# 16/30 sand in 220 bbls 2% KCl frac fluid. Treated @ avg press of 4550 psi w/avg rate of 25 BPM. ISIP 1670 psi.
3/23/02		<b>Tubing leak.</b> Update rod and tubing details.
11/6/02	4736'-5196'	<b>Frac D,B,A Sands as follows:</b> 70,000# 20/40 sand in 538 bbls Viking 1-25 frac fluid. Treated @ avg press of 1975 psi w/avg rate of 26.5 BPM. ISIP 2420 psi. Calc flush: 4736 gal. Actual flush: 4662 gal.
11/6/02	4164'-4276'	<b>Frac GB,PT Sands as follows:</b> 95,021# 20/40 sand in 674 bbls Viking 1-25 frac fluid. Treated @ avg press of 1825 psi w/avg rate of 25 BPM. ISIP 2080 psi. Calc flush: 4164 gal. Actual flush: 4074 gal.
6-1-05		<b>Parted Rods</b> , updated Rod Detail
11-2-07		<b>Tubing Leak</b> , Updated rod & tubing details.
3/4/09		<b>Parted rods</b> . Updated r & t details.
5/7/2010		<b>Tubing leak</b> . Updated rod and tubing detail.
3/13/12		<b>Convert to Injection Well</b>
3/16/12		<b>Conversion MIT Finalized</b> - tbg detail updated

### PERFORATION RECORD

7/14/94	5188'-5196'	4 JSPF	32 holes
7/16/94	4736'-4741'	4 JSPF	20 holes
<b>RE-PERF</b>	11/5/02	5188'-5196'	5 JSPF 40 holes
	11/5/02	4980'-4985'	4 JSPF 20 holes
	11/5/02	4795'-4800'	4 JSPF 20 holes
<b>RE-PERF</b>	11/5/02	4736'-4741'	5 JSPF 25 holes
	11/6/02	4272'-4276'	4 JSPF 16 holes
	11/6/02	4252'-4254'	4 JSPF 8 holes
	11/6/02	4220'-4228'	4 JSPF 32 holes
	11/6/02	4172'-4180'	4 JSPF 32 holes
	11/6/02	4164'-4168'	4 JSPF 16 holes

**NEWFIELD**

**Monument Federal 42-11J-9-16**

1991' FNL & 495' FEL  
 SENE Section 11-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-30066; Lease #UTU-096550

# Monument Federal 42-11J-9-16

Spud Date: 6/28/1994 (Re-entry)

Put on Production: 8/01/1994

GL: 5554' KB: 5564'

Initial Production: 33 BOPD,  
NM MCFD, 0 BWPD

## Injection Wellbore Diagram

### SURFACE CASING

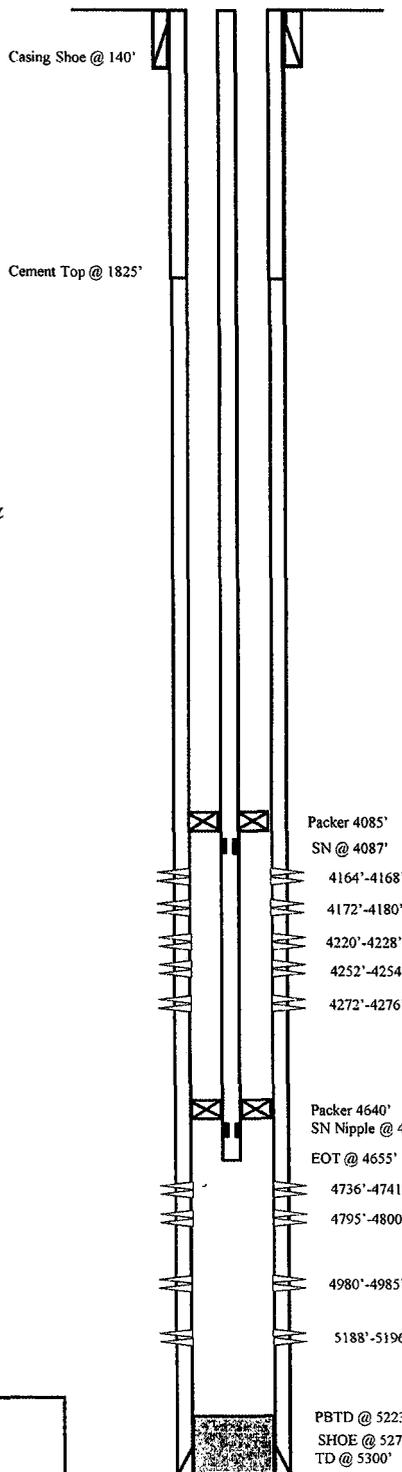
CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
DEPTH LANDED: 140' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 150 sxs cement.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 122 jts (5261.75')  
DEPTH LANDED: 5270.75'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 290 sxs Super "G" & 150 sxs 50/50 POZ  
CEMENT TOP AT: 1825' per CBL

### TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
NO OF JOINTS: 1 jts (41.6')  
TBG PUP 5jts 2-7/8" N-80 AT: 69.9'  
NO OF JOINTS: 124 jts (4009.4')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4087.5' KB  
ARROW #1 PACKER CE AT: 4085'  
NO OF JOINTS: 17 jts (550.8')  
XO 2-3/8 x 2-7/8 J-55 AT: 4644.6'  
ARROW #1 PACKER CE AT: 4640'  
SEATING NIPPLE: 2-3/8" (1.10')  
SN LANDED AT: 4645.1' KB  
XO 2-3/8 x 2-7/8 J-55 AT: 4646.2'  
TOTAL STRING LENGTH EOT @ 4655'



### FRAC JOB

7/16/94	5188'-5196'	<b>Frac zone as follows:</b> 14,860# 20/40 sand + 11,600# 16/30 sand in 290 bbls 2% KCl frac fluid. Treated @ avg press of 3000 psi w/avg rate of 30 BPM. ISIP 4400 psi. Screened out with 1660# sand left in casing.
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3/23/02		<b>Tubing leak.</b> Update rod and tubing details.
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11/6/02	4164'-4276'	<b>Frac GB,PT Sands as follows:</b> 95,021# 20/40 sand in 674 bbls Viking 1-25 frac fluid. Treated @ avg press of 1825 psi w/avg rate of 25 BPM. ISIP 2080 psi. Calc flush: 4164 gal. Actual flush: 4074 gal.
6-1-05		<b>Parted Rods</b> , updated Rod Detail
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5/7/2010		<b>Tubing leak</b> . Updated rod and tubing detail.
3/13/12		<b>Convert to Injection Well</b>
3/16/12		<b>Conversion MIT Finalized</b> - tbg detail updated
10/12/12		<b>Workover - Water Isolation - MIT Finalized</b> - update tbg detail

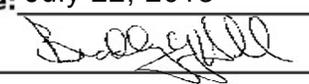
### PERFORATION RECORD

	7/14/94	5188'-5196'	4 JSPF	32 holes
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<b>RE-PERF</b>	11/5/02	5188'-5196'	5 JSPF	40 holes
	11/5/02	4980'-4985'	4 JSPF	20 holes
	11/5/02	4795'-4800'	4 JSPF	20 holes
<b>RE-PERF</b>	11/5/02	4736'-4741'	5 JSPF	25 holes
	11/6/02	4272'-4276'	4 JSPF	16 holes
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	11/6/02	4220'-4228'	4 JSPF	32 holes
	11/6/02	4172'-4180'	4 JSPF	32 holes
	11/6/02	4164'-4168'	4 JSPF	16 holes

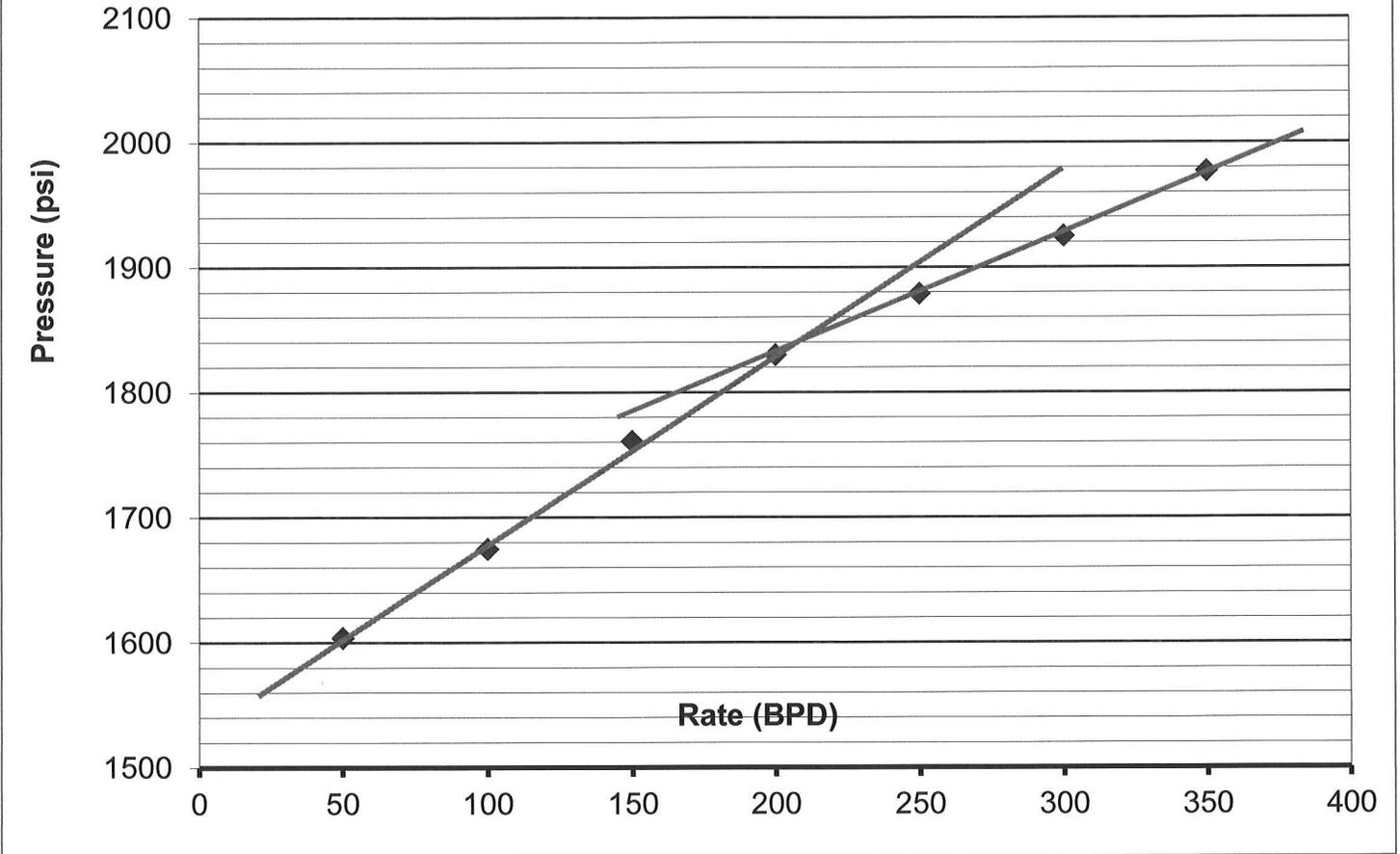
**NEWFIELD**

**Monument Federal 42-11J-9-16**

1991' FNL & 495' FEL  
SENE Section 11-T9S-R16E  
Duchesne Co, Utah  
API #43-013-30066; Lease #UTU-096550

<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>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-096550
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> MONUMENT FED 42-11J
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1991 FNL 0495 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 11 Township: 09.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43013300660000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<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 type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <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"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <b>6/21/2013</b>	OTHER: <input type="text" value="Step Rate Test"/>	
<input type="checkbox"/> SPUD REPORT Date of Spud:		
<input type="checkbox"/> DRILLING REPORT Report Date:		
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> A step rate test was conducted on the subject well on June 21, 2013. Results from the test indicate that the fracture gradient is 0.881 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1639 psi to 1840 psi.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining</b>		<b>Date:</b> July 22, 2013  <b>By:</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> 6/27/2013	

**Monument Federal 42-11J-9-16  
Greater Monument Butte Unit  
Step Rate Test  
June 21, 2013**



		<u>Step</u>	<u>Rate(bpd)</u>	<u>Pressure(psi)</u>
<b>Start Pressure:</b>	1562 psi	1	50	1604
		2	100	1675
<b>Top Perforation:</b>	4164 feet	3	150	1761
<b>Fracture pressure (Pfp):</b>	1840 psi	4	200	1830
<b>FG:</b>	0.881 psi/ft	5	250	1879
		6	300	1925
		7	350	1977

Report Name: PrTemp1000 Data Table  
 Report Date: 06/25/2013 12:31:22  
 File Name: C:\Program Files\PTC® Instruments 2.03.12\Monument Federal 42-11J-9-16 SRT (6-21-13).csv  
 Device: PrTemp1000 - Temperature and Pressure Recorder  
 Hardware Revision: REV2C (64K)  
 Serial Number: N87695  
 Device ID: PrTemp  
 Data Start Date: Jun 21, 2013 08:59:59 AM MDT  
 Data End Date: Jun 21, 2013 12:59:59 PM MDT  
 Reading: 1 to 49 of 49  
 Reading Rate: 30 Seconds  
 Last Calibration Date: Aug 28, 2012  
 Next Calibration Date: Aug 28, 2013  
 Next Calibration Date: Aug 28, 2013

**Monument Federal 42-11J-9-16 SRT (6-21-13)**

Unit Type (All Units)

Reading	DateTime (MDT)	Channel 2 PSIA
1	Jun 21, 2013 08:59:59 AM	1565.4
2	Jun 21, 2013 09:04:59 AM	1564
3	Jun 21, 2013 09:09:59 AM	1563.6
4	Jun 21, 2013 09:14:59 AM	1563
5	Jun 21, 2013 09:19:59 AM	1562.4
6	Jun 21, 2013 09:24:59 AM	1561.8
7	Jun 21, 2013 09:30:00 AM	1561.8
8	Jun 21, 2013 09:34:59 AM	1577.6
9	Jun 21, 2013 09:40:00 AM	1585.8
10	Jun 21, 2013 09:44:59 AM	1591.2
11	Jun 21, 2013 09:49:59 AM	1596
12	Jun 21, 2013 09:54:59 AM	1600.2
13	Jun 21, 2013 09:59:59 AM	1604.2
14	Jun 21, 2013 10:04:59 AM	1630.8
15	Jun 21, 2013 10:09:59 AM	1643.2
16	Jun 21, 2013 10:15:00 AM	1654.8
17	Jun 21, 2013 10:19:59 AM	1661.8
18	Jun 21, 2013 10:25:00 AM	1670.2
19	Jun 21, 2013 10:29:59 AM	1675
20	Jun 21, 2013 10:34:59 AM	1706
21	Jun 21, 2013 10:39:59 AM	1723.6
22	Jun 21, 2013 10:44:59 AM	1738
23	Jun 21, 2013 10:49:59 AM	1747
24	Jun 21, 2013 10:54:59 AM	1756.2
25	Jun 21, 2013 11:00:00 AM	1761.4
26	Jun 21, 2013 11:04:59 AM	1785.6
27	Jun 21, 2013 11:10:00 AM	1795.6
28	Jun 21, 2013 11:14:59 AM	1805.4
29	Jun 21, 2013 11:19:59 AM	1813.6
30	Jun 21, 2013 11:24:59 AM	1821.6
31	Jun 21, 2013 11:29:59 AM	1830
32	Jun 21, 2013 11:34:59 AM	1849.6
33	Jun 21, 2013 11:39:59 AM	1858.6
34	Jun 21, 2013 11:45:00 AM	1866.8
35	Jun 21, 2013 11:49:59 AM	1869
36	Jun 21, 2013 11:55:00 AM	1878.4
37	Jun 21, 2013 11:59:59 AM	1878.8
38	Jun 21, 2013 12:04:59 PM	1899.6

Unit Type (All Units)

Reading      DateTime (MDT)      Channel 2  
PSIA

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39	Jun 21, 2013 12:09:59 PM	1908
40	Jun 21, 2013 12:14:59 PM	1912.6
41	Jun 21, 2013 12:19:59 PM	1917.8
42	Jun 21, 2013 12:24:59 PM	1922
43	Jun 21, 2013 12:30:00 PM	1924.8
44	Jun 21, 2013 12:34:59 PM	1954.6
45	Jun 21, 2013 12:40:00 PM	1956.4
46	Jun 21, 2013 12:44:59 PM	1964.4
47	Jun 21, 2013 12:49:59 PM	1964.6
48	Jun 21, 2013 12:54:59 PM	1974.8
49	Jun 21, 2013 12:59:59 PM	1977.4

End of Report

Report Name: PrTemp1000 Data Table  
 Report Date: 06/25/2013 12:30:57  
 File Name: C:\Program Files\PTC® Instruments 2.03.12\Monument Federal 42-11J-9-16 ISIP (6-21-13).csv  
 Device: PrTemp1000 - Temperature and Pressure Recorder  
 Hardware Revision: REV2C (64K)  
 Serial Number: N87695  
 Device ID: PrTemp  
 Data Start Date: Jun 21, 2013 01:00:11 PM MDT  
 Data End Date: Jun 21, 2013 01:30:12 PM MDT  
 Reading: 1 to 31 of 31  
 Reading Rate: 30 Seconds  
 Last Calibration Date: Aug 28, 2012  
 Next Calibration Date: Aug 28, 2013  
 Next Calibration Date: Aug 28, 2013

**Monument Federal 42-11J-9-16 ISIP (6-21-13)**

Unit Type (All Units)

Reading	DateTime (MDT)	Channel 2 PSIA
1	Jun 21, 2013 01:00:11 PM	1969.4
2	Jun 21, 2013 01:01:12 PM	1931
3	Jun 21, 2013 01:02:11 PM	1917.2
4	Jun 21, 2013 01:03:11 PM	1904.8
5	Jun 21, 2013 01:04:12 PM	1894.2
6	Jun 21, 2013 01:05:11 PM	1886
7	Jun 21, 2013 01:06:11 PM	1878.4
8	Jun 21, 2013 01:07:12 PM	1871.4
9	Jun 21, 2013 01:08:12 PM	1865.2
10	Jun 21, 2013 01:09:11 PM	1859.2
11	Jun 21, 2013 01:10:11 PM	1853.8
12	Jun 21, 2013 01:11:12 PM	1848.6
13	Jun 21, 2013 01:12:11 PM	1843.8
14	Jun 21, 2013 01:13:11 PM	1839.6
15	Jun 21, 2013 01:14:12 PM	1835.6
16	Jun 21, 2013 01:15:11 PM	1831.8
17	Jun 21, 2013 01:16:11 PM	1828.4
18	Jun 21, 2013 01:17:12 PM	1825.2
19	Jun 21, 2013 01:18:11 PM	1822.2
20	Jun 21, 2013 01:19:11 PM	1819.6
21	Jun 21, 2013 01:20:12 PM	1817
22	Jun 21, 2013 01:21:11 PM	1814.8
23	Jun 21, 2013 01:22:11 PM	1812.4
24	Jun 21, 2013 01:23:12 PM	1810.6
25	Jun 21, 2013 01:24:12 PM	1808.4
26	Jun 21, 2013 01:25:11 PM	1806.6
27	Jun 21, 2013 01:26:11 PM	1805
28	Jun 21, 2013 01:27:12 PM	1803
29	Jun 21, 2013 01:28:11 PM	1801.2
30	Jun 21, 2013 01:29:11 PM	1800
31	Jun 21, 2013 01:30:12 PM	1798.4

End of Report

