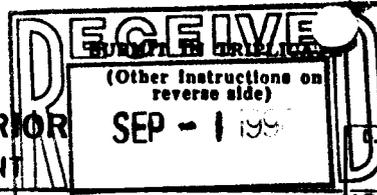


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



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

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1. LEASE DESIGNATION AND SERIAL NO. U-45431  
IF INDIAN, ALLOTTED OR TRIBE NAME

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 Wildrose Resources Corporation PH: 303-770-6566

3. ADDRESS OF OPERATOR 4949 South Albion Street, Littleton, CO 80121

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 768' FWL & 1745' FSL (NW/SW)  
 At proposed prod. zone same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
11 miles SE of Myton, Utah

16. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 768'

18. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1633'

18. NO. OF ACRES IN LEASE 1022.37

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

18. PROPOSED DEPTH 6800'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5018' GR

22. APPROX. DATE WORK WILL START\*  
October 1, 1994

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME Pariette Federal

9. WELL NO. 13-24

10. FIELD AND POOL, OR WILDCAT Unnamed

11. SEC., T., E., M., OR BLE. AND SURVEY OR AREA Sec. 24, T8S, R17E

12. COUNTY OR PARISH Uintah 18. STATE Utah

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#, J-55	300'	225 sx
7-7/8"	5-1/2"	15.5#, J-55	6800'	1000 sx

SEE ATTACHED EXHIBITS: A - Surveyors Plat E- Access Road Map  
 B - 10' Point Map F - Production Facilities  
 C - BOF Diagram G - Existing Wells Map  
 D - 13' Point Surface Use Program H - Pit & Pad Layout, Cuts & Fills, Cross Sections, Rig Layout



STATE OF UTAH: This is an exception location since it is only 425' from the south line of the 40-acre drilling unit. Wildrose is requesting approval of this exception location since all lands within 460' of the drill site are the same ownership (Wildrose). The location was moved from the center of the 40-acre drilling unit due to topography.

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 Kenny J. Kallenbach TITLE Vice President DATE August 30, 1994

(This space for Federal or State office use)

PERMIT NO. 43-047-32546 APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE 9/20/94

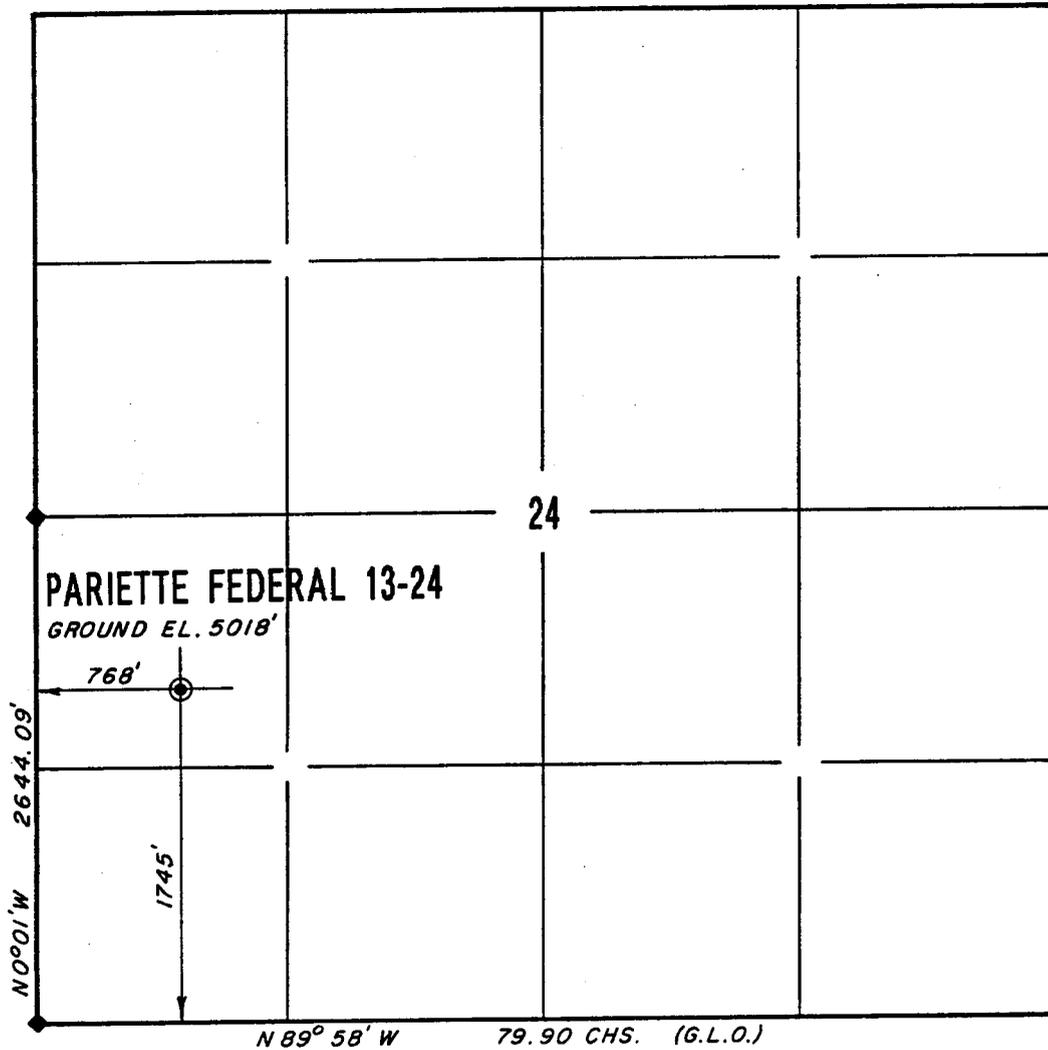
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_ BY: M. Mathew

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 9/20/94  
BY: M. Mathew  
WELL SPACING: 1649-3-3

\*See Instructions On Reverse Side

**WILDROSE RESOURCES CORP.  
WELL LOCATION PLAT  
PARIETTE FEDERAL 13-24**

LOCATED IN THE NW $\frac{1}{4}$  OF THE SW $\frac{1}{4}$  OF  
SECTION 24, T8S, R17E, S.L.B.&M.

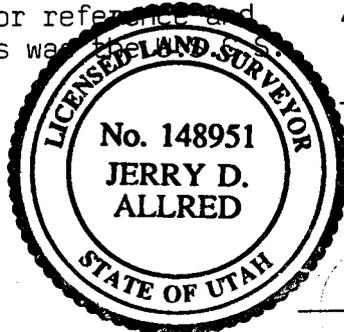


SCALE: 1" = 1000'

**LEGEND & NOTES**

- ◆ Original corner monuments found and used by this survey.

The General Land Office (G.L.O.) plat was used for reference and calculations, as was the quadrangle map.



**SURVEYOR'S CERTIFICATE**

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY PERFORMED BY ME, DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR ESTABLISHED.

*Jerry D. Allred*

JERRY D. ALLRED, REGISTERED LAND SURVEYOR, CERT. NO. 148951 (UTAH)

**JERRY D. ALLRED & ASSOCIATES**  
Surveying & Engineering Consultants

121 North Center Street  
P.O. Box 975  
DUCHESNE, UTAH 84021  
(801) 738-5352

25 Aug '94 83-123-010

**CONFIDENTIAL STATEMENT**

**WILDROSE RESOURCES CORPORATION, AS OPERATOR, REQUESTS THAT ALL INFORMATION RELATED TO THIS WELL BE HELD TIGHT FOR THE MAXIMUM PERIOD ALLOWED BY FEDERAL AND STATE REGULATIONS.**

EXHIBIT B

WILDROSE RESOURCES CORPORATION  
PARIETTE FEDERAL #13-24  
LEASE #U-45431  
NW/SW SECTION 24, T8S, R17E  
UINTAH COUNTY, UTAH

TEN POINT COMPLIANCE PROGRAM OF APPROVAL OF OPERATIONS

1. The Geologic Surface Formation

The surface formation is the Uintah (Tertiary).

2. Estimated Tops of Important Geologic Markers

Green River	1830'
Basil Green River	6380'
Total Depth	6800'

3. Estimated Depths of Anticipated Water, Oil, Gas or Minerals

No water bearing zones are anticipated

Green River 4000' - 6800' Oil

4. The Proposed Casing Program

<u>HOLE</u>	<u>INTERVAL</u>	<u>LENGTH</u>	<u>SIZE(OP)</u>	<u>WEIGHT, GRADE, JOINT</u>	<u>NEW OR USED</u>
12.25"	0 - 300'	300'	8-5/8"	24# K-55 ST&C	New
7-7/8"	0 - 6800'	6800'	5-1/2"	15.50# J-55 ST&C	New

Cement Program -

Surface Casing: 225 sacks Class "G" plus 2% CaCl<sub>2</sub>

Production Casing: 300 sacks Lite Cement and 700 sacks Class "G" with additives

5. The Operator's Minimum Specifications for Pressure Control

EXHIBIT "C" is a schematic diagram of the blowout preventer equipment. A 2M system will be used. The blind rams and the pipe

rams will be tested to 1500 psi after nipping up and after any use under pressure. Pipe rams will be operationally checked each 24 hour period, as will blind rams and annular preventer each time pipe is pulled out of the hole. Such checks of BOP will be noted on daily drilling reports.

Accessories to BOP will include an upper kelly cock, floor safety valve, drill string BOP and choke manifold with pressure rating equivalent to the BOP stack.

#### 6. The Type and Characteristics of the Proposed Circulating Muds

Mud system will be 2% KCl water with adequate stocks of sorptive agents on site to handle possible spills of fuel and oil on the surface. Heavier muds will be available to be added if pressure requires.

<u>DEPTH</u>	<u>TYPE</u>	<u>WEIGHT #/gal</u>	<u>VISCOSITY sec/qt</u>	<u>FLUID LOSS cc</u>	<u>PH</u>
0-4000'	Fresh Water	8.4 - 8.6	28 - 30	NC	--
4000-6800'	2% KCl Water	8.6 - 8.8	30 - 34	NC	9.0

#### 7. The Auxiliary Equipment to be Used

- a) An upper kelly cock will be kept in the string.
- b) A float will be used at the bit.
- c) A mud logging unit and gas detection device will be monitoring the system.
- d) A stabbing valve will be on the floor to be stabbed into the drill pipe when kelly is not in the string.

#### 8. The Testing, Logging and Coring Programs to be Followed

- a) No Drill Stem Tests will be run.
- b) The Logging Program: Dual Induction-SFL 300' - T.D.  
Formation Density-CNL 4000' - T.D.
- c) No coring is anticipated.
- d) Stimulation procedures will be determined after evaluation of logs. If treatment is indicated, appropriate Sundry Notice will be submitted for approval.

#### 9. Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is 1500 psi + or -.

No hydrogen sulfide or other hazardous fluids or gases have been found, reported or known to exist at these depths in the area.

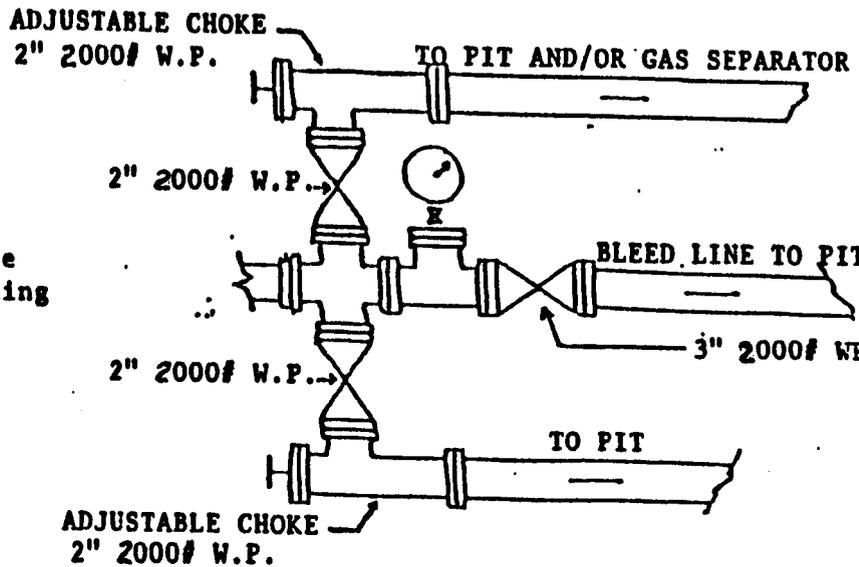
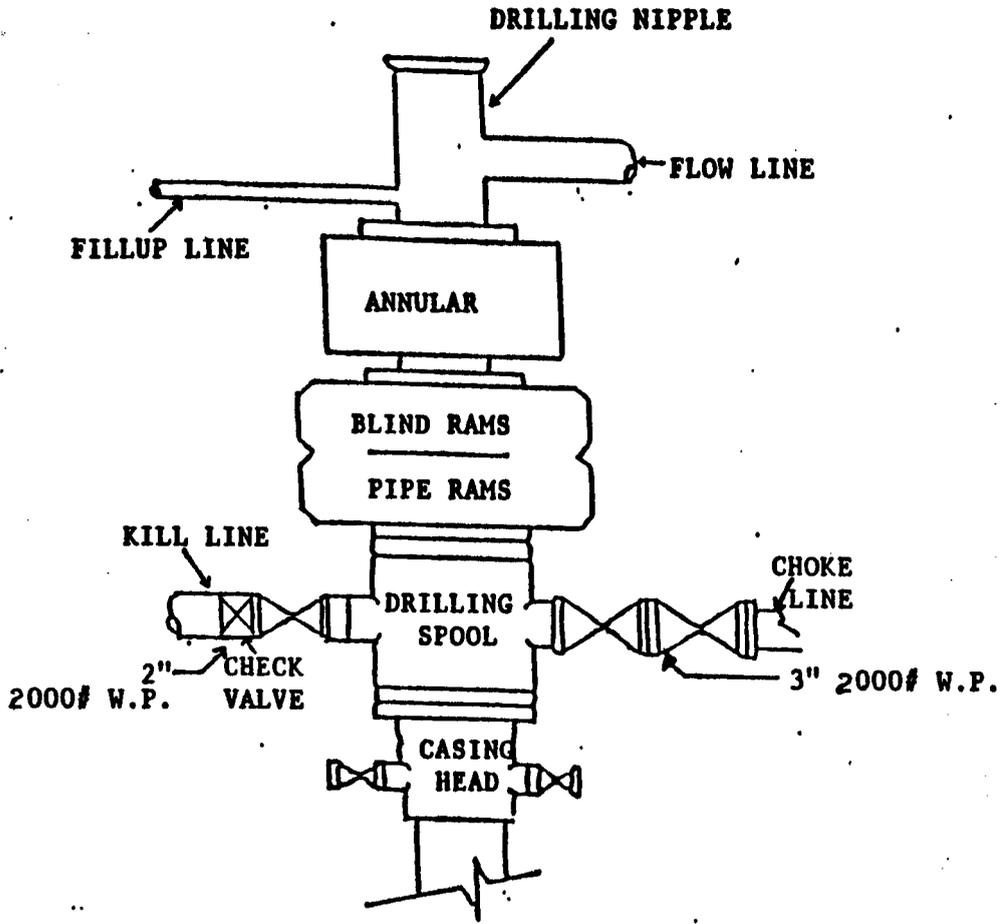
10. Anticipated Starting Date and Duration of the Operations.

The anticipated starting date is October 1, 1991, or as soon as possible after examination and approval of drilling requirements. Operations will cover 10 days for drilling and 10 days for completion.

Hazardous Chemicals

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported or disposed of in association with the drilling of this well.

**EXHIBIT C**  
**BOP DIAGRAM**



**NOTE:** BOP side outlets may be used in place of drilling spool.

EXHIBIT D

WILDROSE RESOURCES CORPORATION  
PARIETTE FEDERAL #13-24  
LEASE #U-45431  
NW/SW SECTION 24, T8S, R17E  
UINTAH COUNTY, UTAH

Thirteen Point Surface Use Program

Multipoint Requirements to Accompany APD

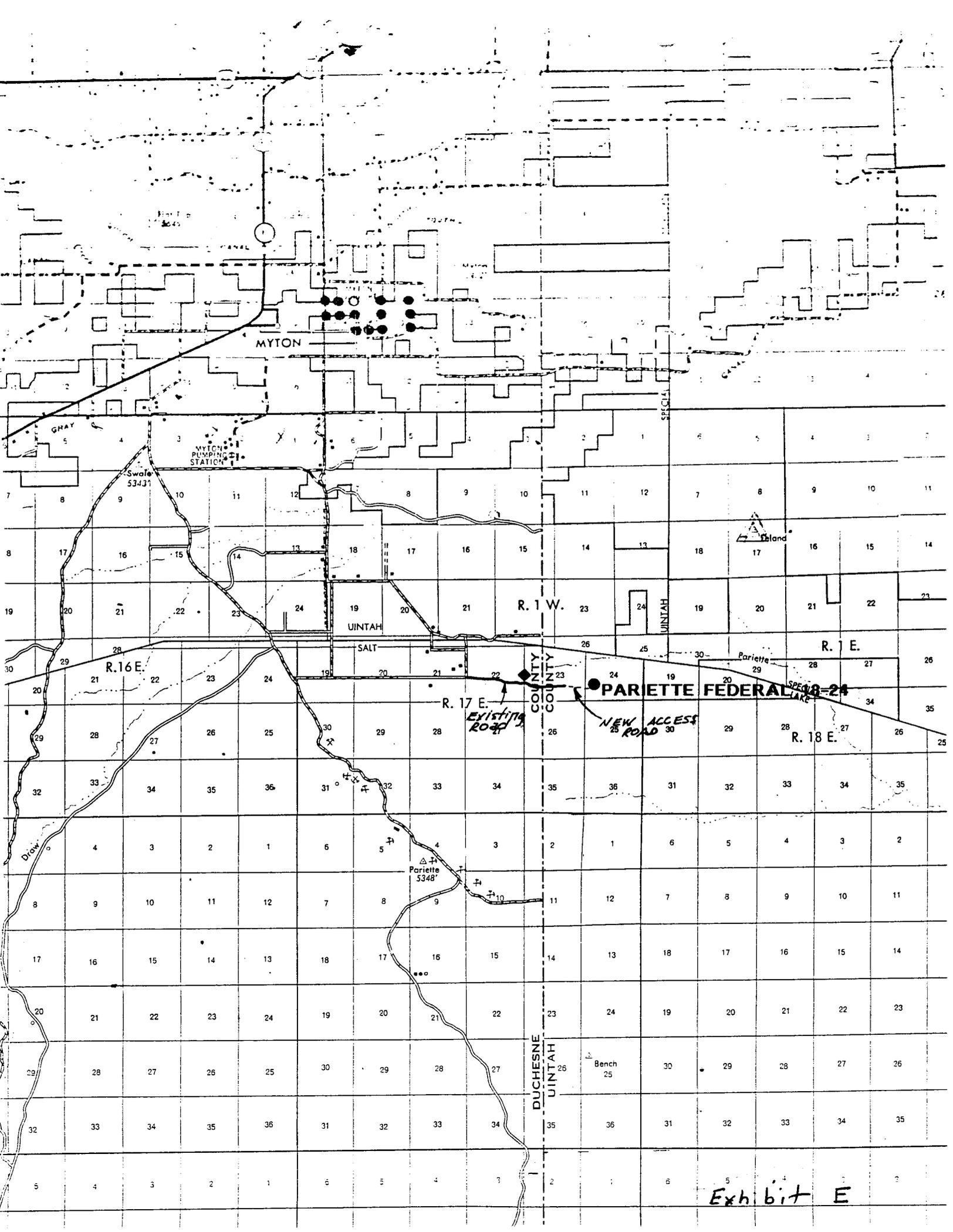
1. Existing Roads

- A. The proposed well site and elevation plat is shown on Exhibit A.
- B. From Myton, Utah, go 1 mile west. Turn south at Pleasant Valley sign. Go south on paved road 6.9 miles. Turn east on dirt road and go 3.1 miles. Take right fork in road and continue east 2.5 miles to location.
- C. See Exhibit E for access roads.
- D. There are no plans for improvement of existing roads. Roads will be maintained in present condition.

2. Planned Access Roads - (Newly Constructed)

- A. Length - 0.3 miles.
- B. Width - 30' right of way with 18' running surface maximum.
- C. Maximum grades - 2%
- D. Turnouts - N/A
- E. Drainage design - Barrow ditches and water turnouts as required.
- F. Culverts, bridges, cuts and fills - None.
- G. Surfacing material (source) - from location and access road.
- H. Gates, cattle guards and fence cuts - None.

All travel will be confined to existing access road rights of way.



MYTON

MYTON PUMPING STATION

Swale 53431

R. 16 E.

R. 17 E.

R. 18 E.

R. 1 W.

R. 1 E.

PARIETTE FEDERAL

EXISTING ROAD

NEW ACCESS ROAD

Pariette 5348

Bench 25

DUCHESNE COUNTY UTAH

Exhibit E

contain, at a minimum, the entire content of the largest tank within the battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

Tank batteries will be placed on the SW corner of the location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rock Mountain Five state Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is desert brown, 10YR.

If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.

#### 5. Location and Type of Water Supply

- A. Water supply will be from Water Permit #43-1721 (Joe Shields spring).
- B. Water will be trucked across existing roads to location.
- C. No water wells to be drilled on lease.

#### 6. Source of Construction Materials

- A. Native materials on lease will be used.
  - B. From Federal land.
  - C. N/A.
- A minerals material application is not required.

#### 7. Methods for Handling Waste Disposal

- A.
  - 1) Drill cuttings will be buried in the reserve pit.

- 2) Portable toilets will be provided for sewage.
- 3) Trash and other waste material will be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.
- 4) Salts - if any will be disposed of.
- 5) Chemicals - if any will be disposed of.

B. Drilling fluids will be handled in the reserve pit. Any fluids produced during testing operations will be collected in a test tank. If a test tank is not available during drilling, fluids will be handled in the reserve pit. Any oil in the reserve pit will be removed.

Burning will not be allowed. All trash must be contained in trash cage and hauled away to an approved disposal site at the completion of drilling activities.

The reserve pit shall be constructed so as not to leak, break, or allow discharge.

A plastic nylon reinforced liner will be used. It will be a minimum of 12 mil thickness with sufficient bedding (either straw or dirt) to cover any 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 disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.

After first production, produced waste water will be confined to a lined pit or storage tank for a period not to exceed 90 days. During the 90 day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with required water analysis, shall be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

## 8. Ancillary Facilities

- A. Camp facilities or airstrips will not be required.

## 9. Well Site Layout

- A. See Exhibit H.
- B. See Exhibit H.
- C. See Exhibit H.

The reserve pit will be located on the east side of the

location.

The flare pit will be located downwind of the prevailing wind direction on the SE side of the location a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

Topsoil - none.

Access to the well pad will be from the west.

The drainage shall be diverted around the south corner (Point 6, Exhibit H) of the well pad location.

The north corner (Point 2, Exhibit H) and south corner (Point 6, Exhibit H) of the well pad will be rounded off to avoid excessive cut and the natural drainage, respectively.

### Fencing Requirements

All pits will be fenced according to the following minimum standards:

a. 39-inch net wire shall be used with at least one strand of barbed wire on top of the net wire (barbed wire is not necessary if 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. The barbed wire shall be 3-inches above the net wire. Total height of the fence shall be at least 42-inches.

c. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

d. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.

e. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

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

## 10. Plans for Restoration of Surfaces

A. Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed and all cans, barrels, pipe, etc., will be removed.

The BLM will be contacted for required seed mixture.

#### B. Dry Hole/ Abandoned Location:

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.

### 11. Surface Ownership

Access Road: Federal  
Location: Federal

### 12. Other Additional Information

A. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:

- Whether the materials appear eligible for the National Register of Historic Places;

- The mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and

- A time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic

Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wishes, at any time, to relocated activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

B. The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

C. Drilling rigs and/or equipment used during drilling operations on this wellsite will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

#### Additional Surface Stipulations

A silt catchment dam and basin will constructed according to BLM specifications approximately 500 feet east of the location, where flagged by the BLM.

Reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer.

#### 13. Lessee's or Operators Representative and Certification Representative

Kary J. Kaltenbacher  
Wildrose Resources Corporation  
4949 South Albion Street  
Littleton, CO 80121  
Telephone: 303-770-6566

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of

operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his sub-contractors. A copy of these conditions will be furnished to the field representative to insure compliance.

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.

Self-Certification Statement:

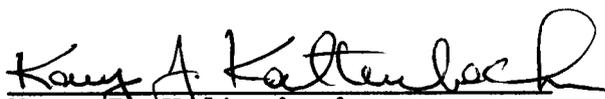
Please be advised that Wildrose Resources Corporation is considered to be the operator of Pariette Federal Well No. 13-24, NW/4 SW/4 of Section 24, Township 8 South, Range 17 East; Lease Number U-45431; Uintah County, Utah; and is responsible for the operations conducted upon the leased lands. Bond coverage is provided by Statewide Oil and Gas Bond No. 229352, Allied Mutual Insurance Company, approved by the BLM effective October 26, 1987.

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 currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and, that the work associated with the operations proposed here will be performed by Wildrose Resources Corporation 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.

Date

8/30/94

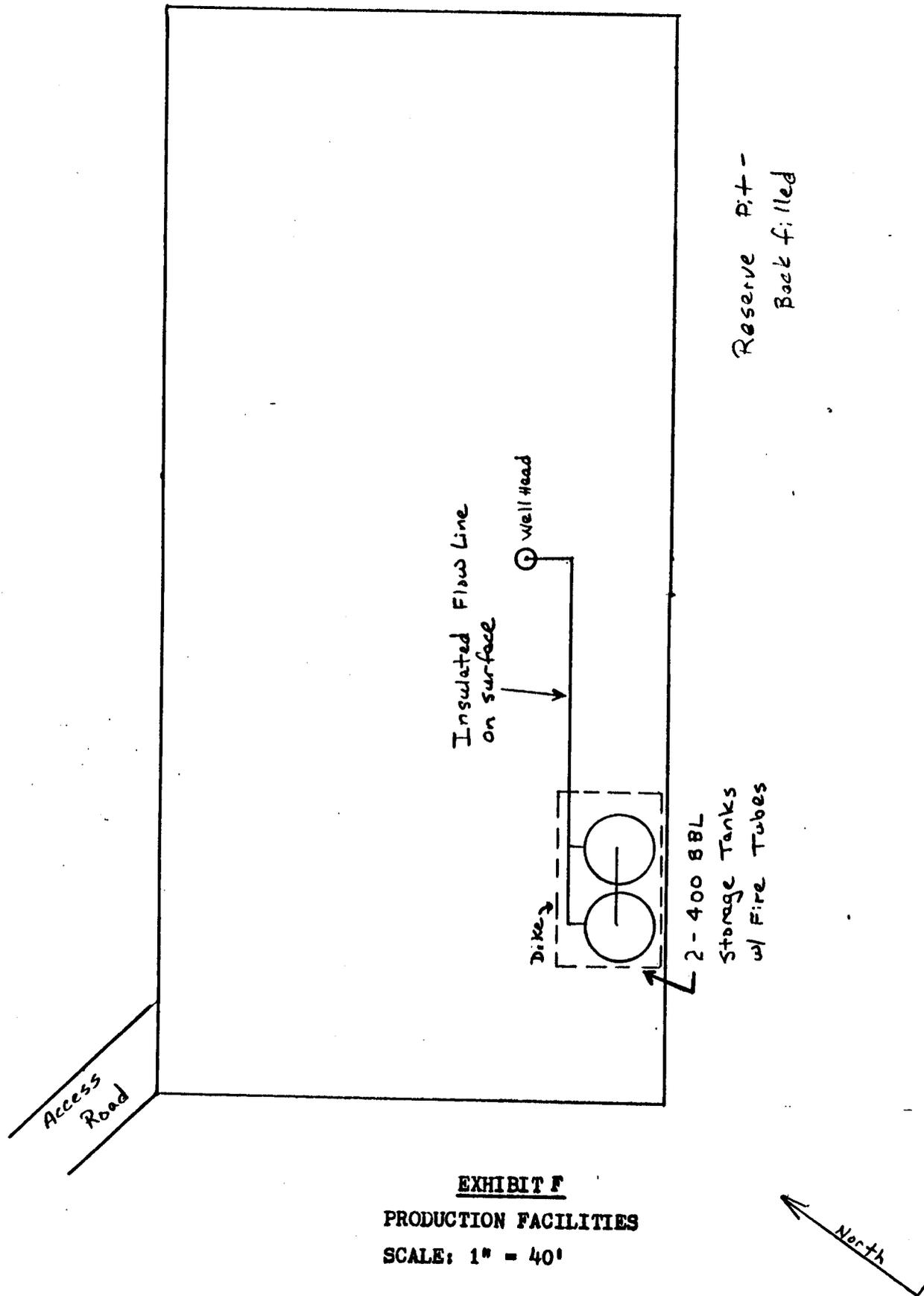
  
Kary J. Kaltenbacher  
Vice President

Onsite Date: August 26, 1994

Participants on Joint Inspection

Kary J. Kaltenbacher  
Byron Tolman

Wildrose Resources Corporation  
BLM



**EXHIBIT F**  
**PRODUCTION FACILITIES**  
**SCALE: 1" = 40'**

388-11 NE  
(MAYTON)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

110°00' 586000m.E 587 588 57'30" 589 40°07'30" 4064 III NW R.1W. (WINDY RIDGE)

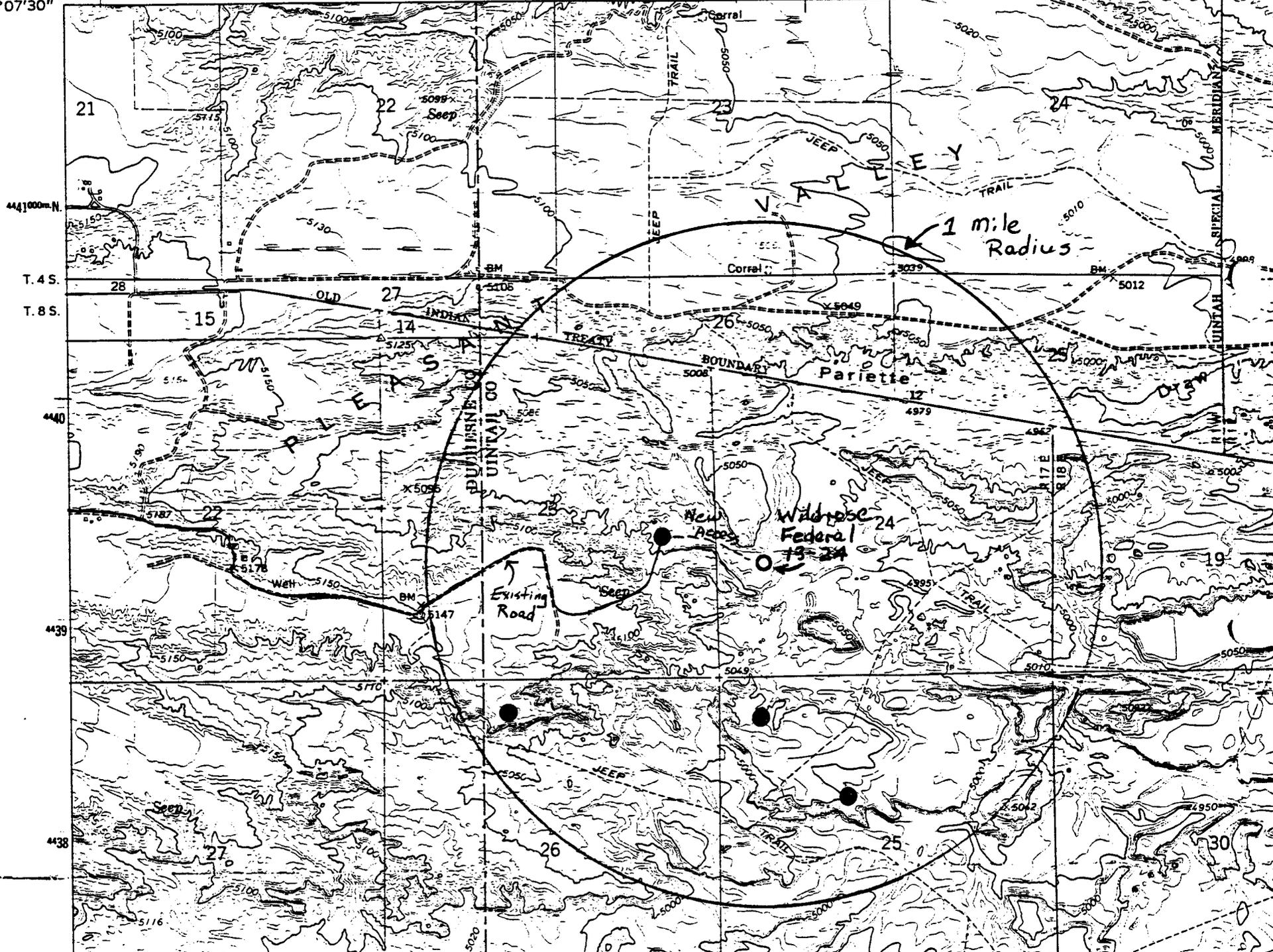
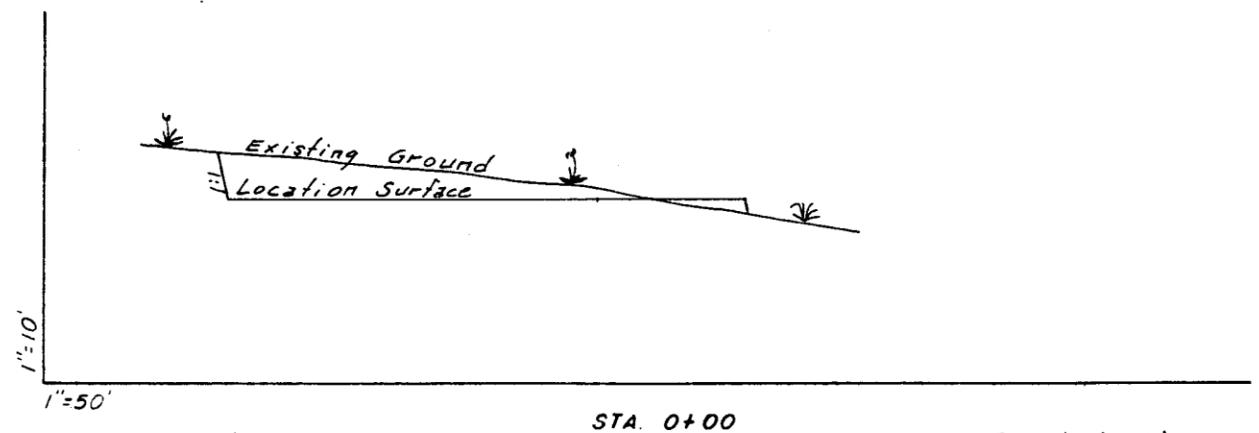
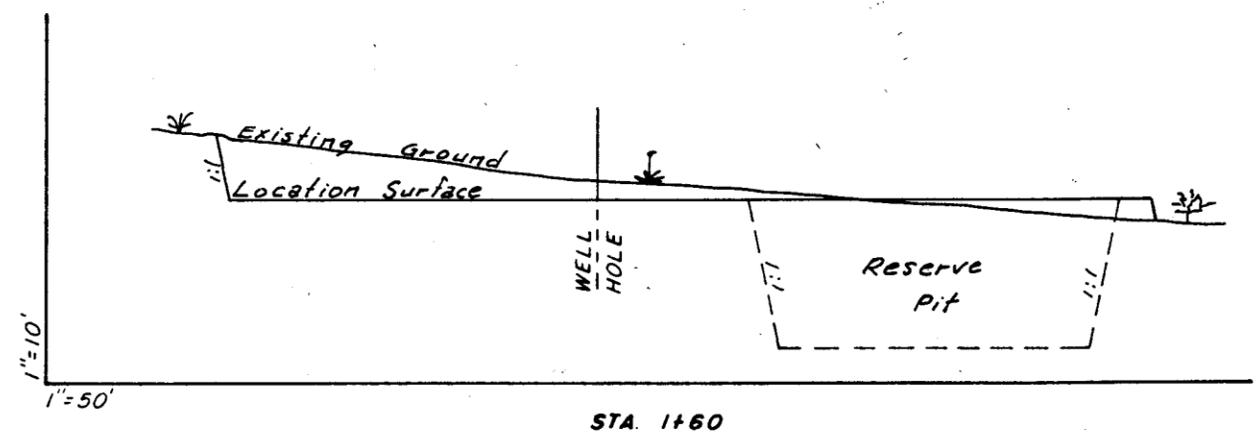
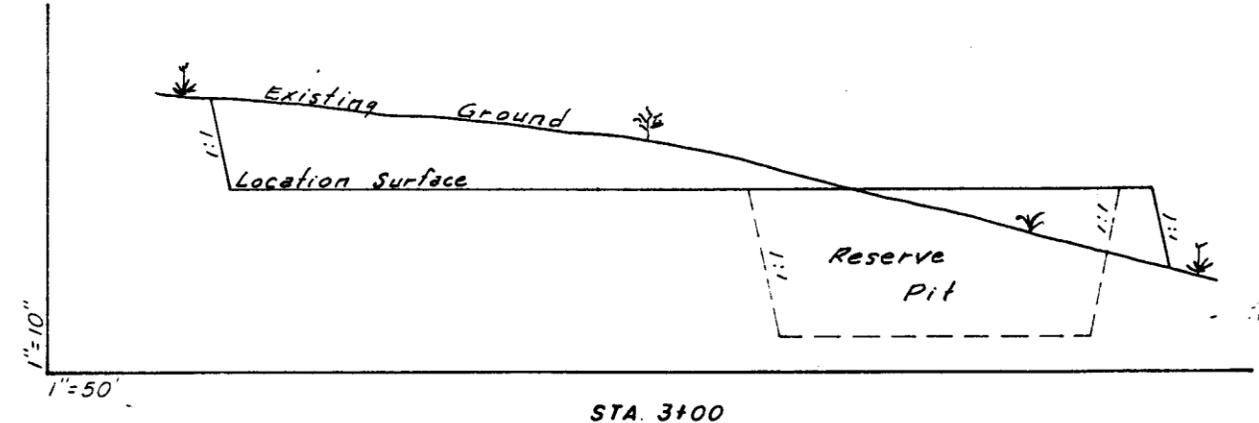
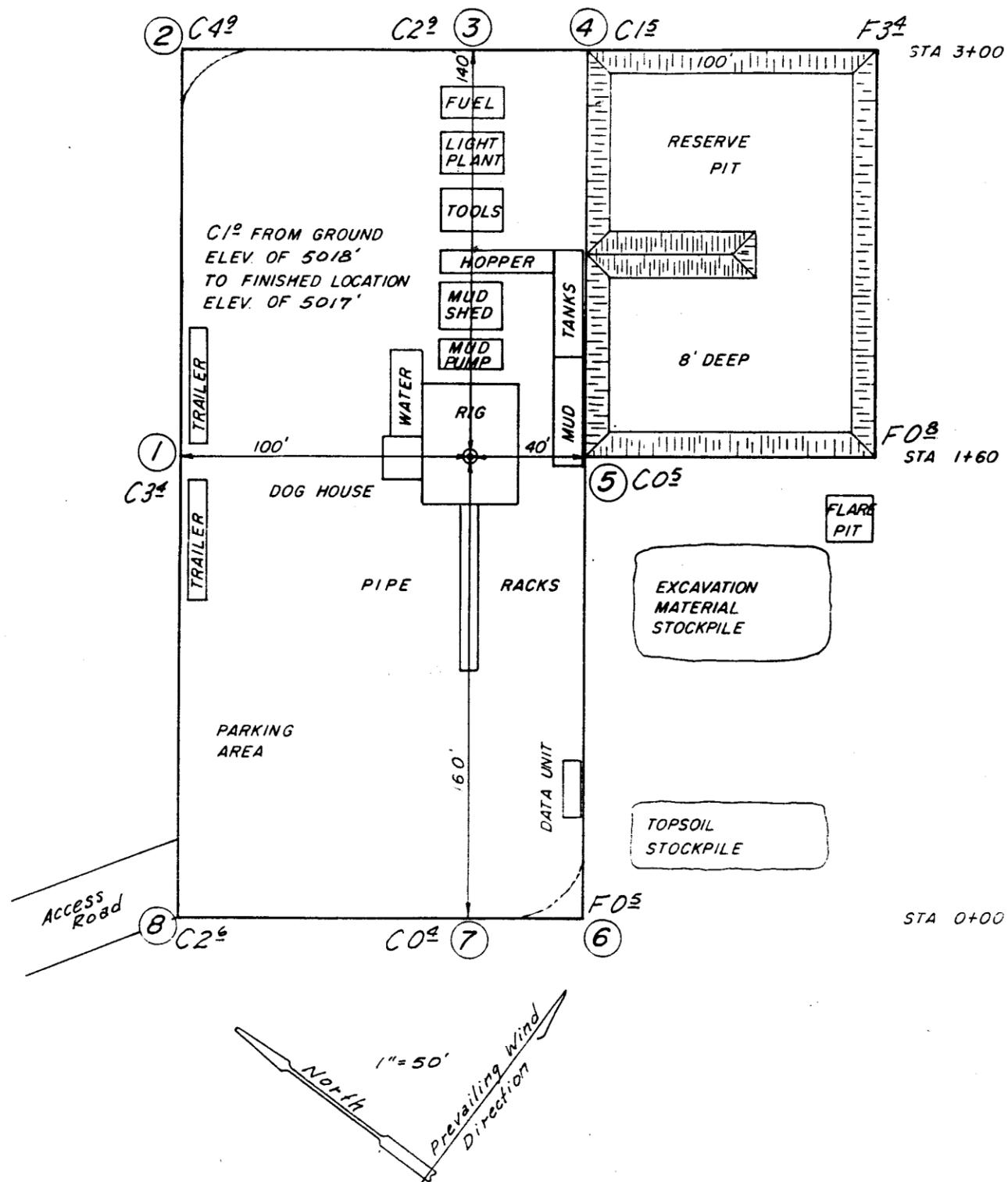


Exhibit G

**WILDROSE RESOURCES CORP.**  
**WELL LAYOUT PLAT**  
**PARIETTE FEDERAL 13-24**

Located in the NW 1/4 of the SW 1/4 of  
 Section 24, T8S, R17E, S.L.B. & M.



**APPROXIMATE QUANTITIES**  
 CUT: 5800 yd<sup>3</sup> (includes pit)  
 FILL: 500 yd<sup>3</sup> (includes dikes)

Exhibit H

**JERRY D. ALLRED & ASSOCIATES**  
 Surveying & Engineering Consultants

121 North Center Street  
 P.O. Box 975  
 DUCHESNE, UTAH 84021  
 (801) 738-5352

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/01/94

API NO. ASSIGNED: 43-047-32546

WELL NAME: PARIETTE FEDERAL 13-24  
OPERATOR: WILDROSE RESOURCES CORP (N9660)

PROPOSED LOCATION:  
NWSW ~~28~~ - T08S - R17E  
SURFACE: 0768-FWL-1745-FSL  
BOTTOM: 0768-FWL-1745-FSL  
UINTAH COUNTY  
UNDESIGNATED FIELD (002)

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

LEASE TYPE: FED  
LEASE NUMBER: U-45431

PROPOSED PRODUCING FORMATION: GRRV

<p>RECEIVED AND/OR REVIEWED:</p> <p><input checked="" type="checkbox"/> Plat  <input type="checkbox"/> Bond: Federal [<input checked="" type="checkbox"/> State [] Fee []          (Number <u>229352</u>)</p> <p><input checked="" type="checkbox"/> Potash (Y/N)  <input checked="" type="checkbox"/> Oil shale (Y/N)  <input checked="" type="checkbox"/> Water permit          (Number <u>43-1721</u>)</p> <p><input checked="" type="checkbox"/> RDCC Review (Y/N)          (Date: _____)</p>	<p>LOCATION AND SITING:</p> <p><input type="checkbox"/> R649-2-3. Unit: _____</p> <p><input type="checkbox"/> R649-3-2. General.</p> <p><input checked="" type="checkbox"/> R649-3-3. Exception.</p> <p><input type="checkbox"/> Drilling Unit.          Board Cause no: _____          Date: _____</p>
---	---

COMMENTS: TOPOGRAPHIC EXCEPTION IS REQUESTED.

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

CONFIDENTIAL  
PERIOD  
EXPIRED  
ON 1-7-96

Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

The road shall be upgraded to meet the standards of the anticipated traffic flow and all weather road requirements. Construction/ upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right of way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diversion water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

A Right of Way application is not needed.

### 3. Location of Existing Wells Within a 1 Mile Radius

See Exhibit G

- A. Water wells - none.
- B. Abandoned wells - none.
- C. Temporarily abandoned wells - none.
- D. Disposal wells - none.
- E. Drilling wells - none.
- F. Producing wells - four.
- G. Shut-in wells - none.
- H. Injection wells - none.

### 4. Location of Existing and/or Proposed Facilities

- A. On well pad - See Exhibit F for all production facilities to be used if well is completed as a producing oil well.
- B. Off well pad - N/A

If a tank battery is constructed on this lease, the battery or the well pad will be surrounded by a dike of sufficient capacity to

Wild Rose

43-047-3546

Parrette Fed. 13-24

↑  
North

Reserve  
Pit

Access

wellhead

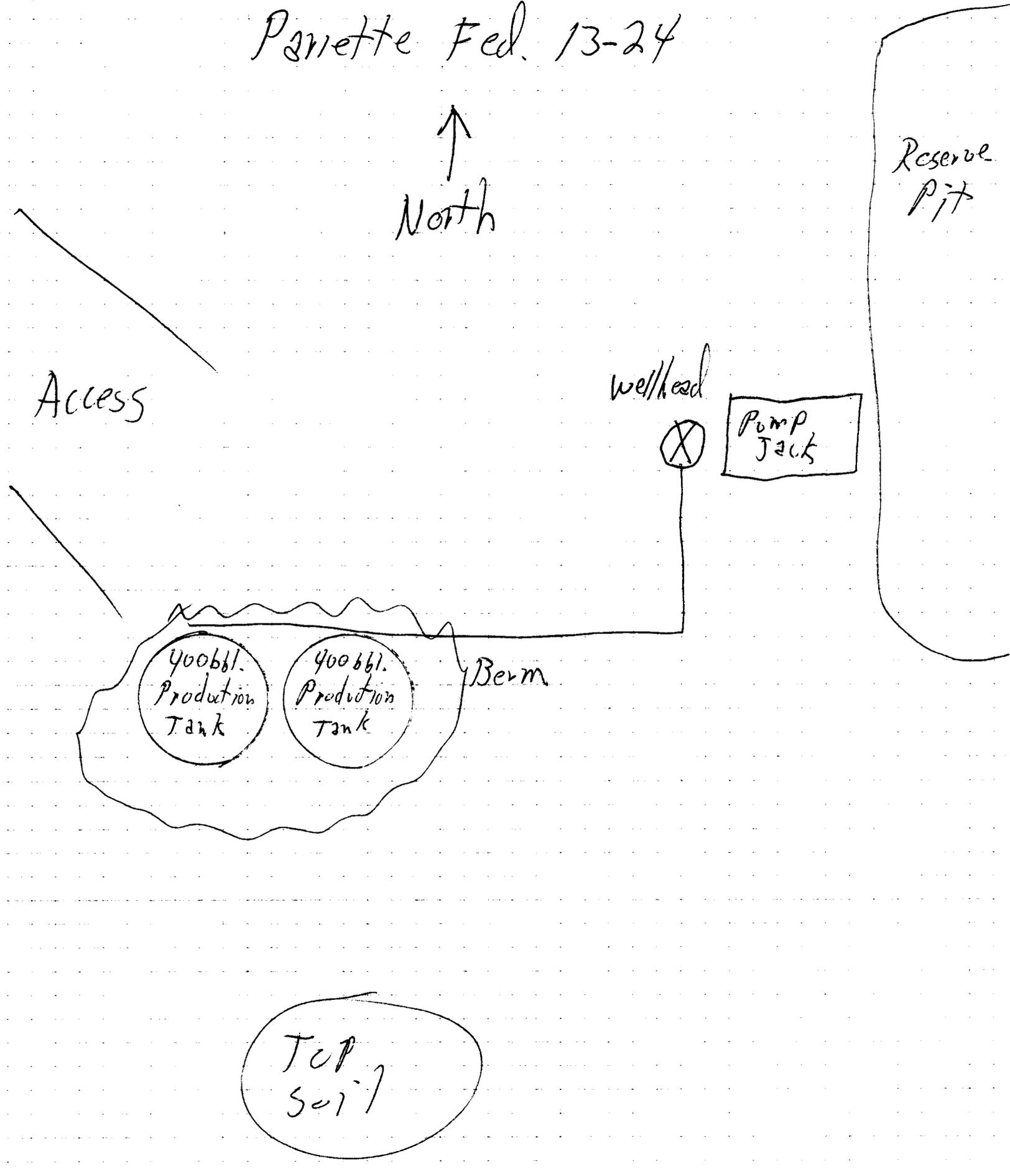
Pump  
Jack

Berm

400 bbl.  
Production  
Tank

400 bbl.  
Production  
Tank

Top  
soil





**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)

September 20, 1994

Wildrose Resources Corporation  
4949 South Albion Street  
Littleton, Colorado 80121

Re: Pariette Federal 13-24 Well, 1745' FSL, 768' FWL, NW SW, Sec. 24, T. 8 S., R. 17 E., Uintah County, Utah

Gentlemen:

Pursuant to Utah Admin. R. 649-3-3, Exception to Location and Siting of Wells and Utah Admin. R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill 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  
Wildrose Resources Corporation  
Pariette Federal 13-24 Well  
September 20, 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 43-047-32546.

Sincerely,

A handwritten signature in black ink, appearing to read 'R.J. Firth', written over a printed name.

R.J. Firth  
Associate Director

ldc  
Enclosures  
cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office  
WO11

RECEIVED  
 UNITED STATES DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

(Other instructions on reverse side)

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

SEP 27 1994

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.  
 U-45431

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Pariette Federal

9. WELL NO.  
 13-24

10. FIELD AND POOL, OR WILDCAT  
 Unnamed

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA  
 Sec. 24, T8S, R17E

12. COUNTY OR PARISH 13. STATE  
 Uintah Utah

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40

20. ROTARY OR CABLE TOOLS  
 Rotary

22. APPROX. DATE WORK WILL START\*  
 October 1, 1994

1A. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

B. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
 Wildrose Resources Corporation PH: 303-770-6566

3. ADDRESS OF OPERATOR  
 4949 South Albion Street, Littleton, CO 80121

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 768' FWL & 1745' FSL (NW/SW) AUG 31 1994  
 At proposed prod. zone same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 11 miles SE of Myton, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 768'

16. NO. OF ACRES IN LEASE  
 1022.37

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1633'

19. PROPOSED DEPTH  
 6800'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5018' GR

22. APPROX. DATE WORK WILL START\*  
 October 1, 1994

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#, J-55	300'	225 sx
7-7/8"	5-1/2"	15.5#, J-55	6800'	1000 sx

- SEE ATTACHED EXHIBITS:
- A - Surveyors Plat
  - B - 10 Point Plan
  - C - BOP Diagram
  - D - 13 Point Surface Use Program
  - E - Access Road Map
  - F - Production Facilities
  - G - Existing Wells Map
  - H - Pit & Pad Layout, Cuts & Fills, Cross Sections, Rig Layout

STATE OF UTAH: This is an exception location since it is only 425' from the south line of the 40-acre drilling unit. Wildrose is requesting approval of this exception location since all lands within 460' of the drill site are the same ownership (Wildrose). The location was moved from the center of the 40-acre drilling unit due to topography.

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 Kay J. Kallenberg TITLE Vice President DATE August 30, 1994

(This space for Federal or State office use)

PERMIT NO. 43-047-32546 APPROVAL DATE \_\_\_\_\_

APPROVED BY [Signature] TITLE ASSISTANT DISTRICT MANAGER MINERALS DATE SEP 20 1994

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

\*See Instructions On Reverse Side

47080-4M147

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

Company/Operator: Wildrose Resources Corporation

Well Name & Number: Pariette Federal 13-24

API Number: 43-047-32546

Lease Number: U-45431

Location: NWSW Sec. 24 T. 8S R. 17E

**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.

## 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. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. 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 Mahogany Oil Shale, identified at  $\pm 3207$  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  $\pm 3,007$  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:

Wayne P. Bankert (801) 789-4170  
Petroleum Engineer

Ed Forsman (801) 789-7077  
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.

OPERATOR Wildrose Resources Corp.  
ADDRESS 4949 S. Albion St.  
Littleton, CO 80121

OPERATOR ACCT. NO. N 9660

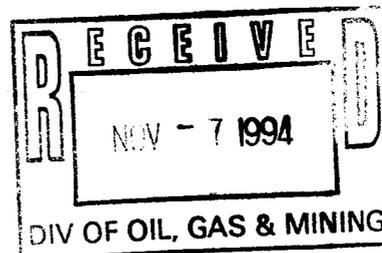
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11689	4304732546	Pariette Federal #13-24	new/sas	24	8S	17E	Uintah	11/5/94 <sup>x</sup>	
WELL 1 COMMENTS: <i>Entity added 11-8-94. J Lee</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

**ACTION CODES (See instructions on back of form)**

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

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

(3/89)



*Kary Kattenbeck*  
Signature  
V.P.  
Title  
11/5/94<sup>x</sup>  
Date  
Phone No. (303) 770-6566

**CONFIDENTIAL**

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: WILD ROSE RESOURCES

WELL NAME: PARRETTE FEDERAL 13-24

API NO. 43-047-32546

Section 24 Township 8S Range 17E County UINTAH

Drilling Contractor UNION

Rig # 16

SPUDDED: Date 11/5/94

Time 1:00 PM

How ROTARY

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

Reported by KARY KALTHENBACHER

Telephone # 1-828-7513

Date 11/7/94 SIGNED MKH

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

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

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

2. NAME OF OPERATOR  
Wildrose Resources Corporation

3. ADDRESS OF OPERATOR  
4949 S. Albion St., Littleton, CO 80120

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations)  
At surface 768' FWL & 1745' FSL (NW/SW)

At top prod. interval reported below Same

At total depth Same

**CONFIDENTIAL**

**RECEIVED**  
JAN - 3 1995

14. PERMIT NO. 43-047-32510  
DATE ISSUED  
DIV. OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

U-45431

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Pariette Federal

7. UNIT AGREEMENT NAME

13-24

10. FIELD AND POOL, OR WILDCAT

Unnamed

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

Sec. 24, T8S, R17E

12. COUNTY OR PARISH  
13. STATE  
Utah Utah

15. DATE SPUDDED 11/5/94  
16. DATE T.D. REACHED 11/15/94  
17. DATE COMPL. (Ready to prod.) 12/7/94  
18. ELEVATIONS (DF, RKB, RT, OR, ETC.)\* 5018' GR  
19. ELEV. CASINGHEAD 5018' GR

20. TOTAL DEPTH, MD & TVD 6661'  
21. PLUG, BACK T.D., MD & TVD 6507'  
22. IF MULTIPLE COMPL., HOW MANY\* ---  
23. INTERVALS DRILLED BY ---  
ROTARY TOOLS 0' - TD  
CABLE TOOLS ----

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
5324' - 5367' (Green River)  
25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
DLL, FDC-CNL, CBL 1-3-95  
27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24	310'	12-1/4"	230 SX ( to surface )	-----
5-1/2"	15.5	6550'	7-7/8"	702 sx	-----

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
N/A				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5405'	no

31. PERFORATION RECORD (Interval, size and number)

5324, 5327 - 31, 5342, 5349 - 51,  
5356 - 57, 5365 - 67

1 JSPF - 15 holes - .38" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5324 - 5367	31,300 gallons x-linked gelled water w/ 98,800 # 20/40 sand

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
12/7/94	Pumping - beam	producing

DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12/17/94	24	---	---	55	65	0	1182

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
---	200 psi	---	55	65	0	31

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

35. LIST OF ATTACHMENTS  
Daily reports, E-logs, mud log

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

SIGNED *Kay Kattenbeck* TITLE V.P. DATE 12/20/94

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

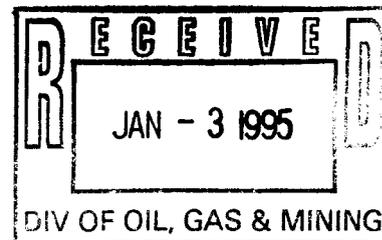
37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Green River	1793	1793
				Wasatch Tongue of the Green River	6371'	6371'

DAILY DRILLING REPORT



Operator: Wildrose Resources Corporation  
Well: Pariette Federal #13-24  
NW SW (1745' FSL & 768' FWL)  
Section 24, T 8 S, R 17 E  
Uintah County, Utah  
Projected TD - 6,600'  
Elevation: GR: 5018', KB 5028'  
Contractor: Union Driling Company Rig # 16

11/06/94 Day 1: TD 330'. Running 8 5/8" casing. Drilled 330' of 12 1/4" hole in 10 1/2 hrs w/ air. Spudded @ 1 PM 11/05/94.

11/07/94 Day 2: TD 830' drlg. Drld 500' in 8 hrs w/ air. Ran 7 jts (302.9') 8 5/8", 24#, J-55 csg w/ guide shoe, insert float, & 3 centralizers. Set csg @ 310' KB. Cemented using Western W/ 230 sx Class 'G', 2% CaCl<sub>2</sub> & 1/4#/sk celloflake. Displaced w/ 17 1/2 bbls wtr. Had good cement to surface. Bumped plug w/500 psi. Float held. WOC 5 hrs. NUBOP's. Pressure tstd to 2000 psi. Ran Bit #3, 7 7/8" HTC, ATJ44CA @ 330'. Survey: 3/4 degree @ 380'.

11/08/94 Day 3: TD 2207' drlg. Drld 1377' in 21 1/2 hrs w/ air. Bit #3 has drld 1877' in 29 1/2 hrs. Surveys: 2 degrees @ 1500', 2 degrees @ 2000'.

11/09/94 Day 4: TD 3162' drlg. Drld 955' in 19 hrs w/air-foam. Bit #3 has drld 2832' in 48 1/2 hrs. Surveys: 1 3/4 degree @ 2500', 2 degrees @ 3000'.

11/10/94 Day 5: TD 4000' TOH w/ Bit #3. Drld 838' in 20 hrs w/ air-foam. Bit #3 drld 3670' in 68 1/2 hrs. Loaded hole w/ wtr & pumped sweep @ 4000'. Survey: 2 degrees @ 3500'.

11/11/94 Day 6: TD 4380' drlg. Drld 380' in 16 1/4 hrs w/ 2% KCl wtr. Ran Bit #4 7 7/8" HTC J44 @ 4000'. Bit #4 has drld 380' in 16 1/4 hrs. Survey: 1 1/4 degree @ 4000'.

11/12/94 Day 7: TD 4990' drlg. Drld 610' in 22 1/2 hrs w/ 2% KCl wtr. Bit #4 has drld 990' in 38 1/2 hrs. Survey: 3/4 degree @ 4500'.

11/13/94 Day 8: TD 5531' drlg. Drld 541' in 21 1/4 hrs w/ 2% KCl wtr. Bit #4 has drld 1531' in 59 3/4 hrs. Surveys: 1 1/2 degree @ 5020', 1 1/4 degree @ 5500'.

11/14/94 Day 9: TD 6120' drlg. Drld 589' in 22 1/4 hrs w/ 2% KCl wtr. Bit #4 has drld 2120' in 82 hrs. Survey: 1 degree @ 6000'.

DAILY DRILLING REPORT

page 2

Operator: Wildrose Resources Corporation  
Well: Pariette Federal #13-24  
NW SW (1745' FSL & 768' FWL)  
Section 24, T 8 S, R 17 E  
Uintah County, Utah  
Projected TD - 6,600'  
Elevation: GR: 5018', KB 5028'  
Contractor: Union Driling Company Rig # 16

11/15/94 Day 10: TD 6625. TOH to log. Drld 505' in 18 3/4 hrs w/ 2% KCl wtr. Bit #4 drld 2625' in 100 3/4 hrs. Survey 1 1/2 degree @ 6600'.

11/16/94 Day 11: TD 6661' (corrected). Running 5 1/2" csg. Ran Dual Laterolog and FDC-CNL using Schlumberger.

11/17/94 Day 12: PBDT 6507'. Ran 5 1/2" csg w/ 8 centralizers as follows:

Guide shoe  
1 jt 5 1/2", 15.5#, J-55, LT & C  
Float collar  
159 jts 5 1/2", 15.5# J-55, LT & C

Set csg @ 6550'. Float collar @ 6507'. Cemented using Western. Pumped 20 bbl Flush, 10 bbl wtr, 132 sx Super G, and 570 sx 50-50 Poz w/ 2% gel & 2#/sk Hi-seal 2. Displaced w/ 155 bbl 2% KCl wtr. Bumped plug w/ 2200 psi. Float held. Had good returns throughout. Plug down @ 10:45 AM 11/16/94. Released rig @ 12:45 PM 11/16/94. Drop from report till completion begins.

DAILY COMPLETION REPORT

Operator: Wildrose Resources Corporation  
Well: Pariette Federal #13-24  
NW SW (1745' FSL & 768' FWL)  
Section 24, T 8 S, R 17 E  
Uintah Co., Utah

11/22/94 Day 1: MI & RU Western Well Service. NUBOP. PU & ran a 4 3/4" bit & scraper w/ 171 jts 2 7/8" tbg. SDFN.

11/23/94 Day 2: PBTB-6504'. Ran 45 jts 2 7/8" tbg. Tagged @ 6501'. POH w/ bit & scraper. RU Schlumberger. Ran CBL-VDL from 6495-4300' and @ cement top @ 2450'. Pressure tstd csg to 3000 psi. Perforated as follows: 5324', 5327-31', 5342', 5349-51', 5356-57', 5365-67' (total 15 shots). RD Schlumberger. PU & ran Baker Retrievmatic packer on 171 jts tbg to 5240'. SIFN.

11/24/94 Day 3: PBTB-6504'. Ran 2 jts tbg. Packer @ 5306'. RU Howco. Rolled hole w/120 bbl Prepad fluid (2% KCl wtr w/ Clasta, surfactant, & biocide). Set packer. Pressure tstd backside to 3000 psi. Released pressure. Broke down zone w/ 5000 gal Prepad & 30 balls spaced evenly. BDP = 4450 psi @ 1.5 BPM. Good ball action. Balled out. Surged balls. Established rate of 7 BPM @ 2760 psi. ISIP = 1465 psi. Released packer. Ran packer across perms. POH w/ packer. RU HOWCO to frac down 5 1/2" csg as follows:

<u>VOLUME</u>	<u>FLUID</u>	<u>RATE</u>	<u>ATP</u>
10,000 gal	Pad - 40# Pure-Gel III	35 BPM	2500 psi
10,000 gal	2-8 ppg 20/40 (35# PG)(50,800#)	35 BPM	2100 psi
6,000 gal	8 ppg 20/40 (35# PG)(48,000#)	36 BPM	1550 psi
5,300 gal	Flush (10# Gel)	36 BPM	1938 psi

Frac Volume: 31,300 gal water, 98,800 # 20/40 sand.  
ISIP=1600 psi. 5 min = 1245 psi., 10 min = 1160 psi, 15 min = 1120 psi. 984 BLWTR. SIFN

11/25/94 Shut down for Thanksgiving.

11/26/94 Day 4: PBTB-6380'. SICP (43 hrs) = 0. TIH w/ 212 jts tbg. Tagged sand @ 6380'. Hooked up to circulate. Took 30 bbl to load hole. Circulated hole clean. Zone taking fluid - 25 bbl while circulating. Pulled 44 jts tbg. Tbg @ 5026'. SN @ 4996'. RU to swab. FL @ 400'. Swbd 145 BLW & 10 BO in 4 1/2 hrs. Final FL @ 2800'. Final oil cut approx 25% w/ good gas. 894 BLWTR.

11/27/94 Day 5: PBTB-6380'. 7AM: CP=80 psi. TP=0. FL @ 1900'. Swbd 105 BF (approx 60 BO & 45 BLW) in 4 hrs. Final FL @ 3000'. Final oil cut approx 70% w/ strong gas. 849 BLWTR. RD swab. RU Sun Oil Field Service. Ran Pressure Bombs on Sun's wireline to 5345'. SIFN

11/28/94 SDF Sunday.

DAILY COMPLETION REPORT

Operator: Wildrose Resources Corporation  
Well: Pariette Federal #13-24  
NW SW (1745' FSL & 768' FWL)  
Section 24, T 8 S, R 17 E  
Uintah Co., Utah

Page 2

11/29/94 Day 6: PBD-6373'. 7 AM 11/28: TP=200 psi. CP=80 psi. Pulled pressure bombs. Blew down csg & tbg. Ran 44 jts tbg. Tagged sand @ 6373'. Laid down 35 jts tbg. Flushed tbg w/ 20 bbl hot 2% KCl wtr. Pulled 60 stds tbg. Flushed tbg w/ 10 bbl hot 2% KCl wtr. Finished POH w/ tbg. Ran 1 jt tbg, perforated sub, seating nipple, 7 jts tbg, tbg anchor, & 172 jts tbg. Drifted tbg each 15 stands while TIH. Replaced 2 jts tbg. SIFN.

11/30/94 Day 7: PBD-6373'. 7AM 11/29: TP=40 psi. CP=0. NDBOP's. Set anchor w/ 15,000# tension. Tbg set @ 5405'. SN @ 5370'. Anchor @ 5161'. Flushed tbg w/ 40 bbl hot 2% KCl wtr. Ran 2 1/2" X 1 1/2" X 16' RHAC pump, 213 - 3/4" rods, 1 - 8' X 3/4", 1 - 6' X 3/4", 2 - 2' X 3/4" pony rods & 22' X 1 1/2" polished rod. Loaded tbg w/ 9 bbl 2% KCl wtr. Pressure tstd pump to 500 psi w/ hot oiler. Released to 200 psi. Stroked pump to 500 psi. Released pressure. Clamped off rods. RD & MO rig. 928 BLWTR. Will start setting production equipment tomorrow. Drop from report.

DAILY COMPLETION REPORT

Operator: Wildrose Resources Corporation  
Well: Pariette Federal #13-24  
NW SW (1745' FSL & 768' FWL)  
Section 24, T 8 S, R 17 E  
Uintah Co., Utah

Page 2

11/29/94 Day 6: PBD-6373'. 7 AM 11/28: TP=200 psi. CP=80 psi. Pulled pressure bombs. Blew down csg & tbg. Ran 44 jts tbg. Tagged sand @ 6373'. Laid down 35 jts tbg. Flushed tbg w/ 20 bbl hot 2% KCl wtr. Pulled 60 stds tbg. Flushed tbg w/ 10 bbl hot 2% KCl wtr. Finished POH w/ tbg. Ran 1 jt tbg, perforated sub, seating nipple, 7 jts tbg, tbg anchor, & 172 jts tbg. Drifted tbg each 15 stands while TIH. Replaced 2 jts tbg. SIFN.

11/30/94 Day 7: PBD-6373'. 7AM 11/29: TP=40 psi. CP=0. NDBOP's. Set anchor w/ 15,000# tension. Tbg set @ 5405'. SN @ 5370'. Anchor @ 5161'. Flushed tbg w/ 40 bbl hot 2% KCl wtr. Ran 2 1/2" X 1 1/2" X 16' RHAC pump, 213 - 3/4" rods, 1 - 8' X 3/4", 1 - 6' X 3/4", 2 - 2' X 3/4" pony rods & 22' X 1 1/2" polished rod. Loaded tbg w/ 9 bbl 2% KCl wtr. Pressure tstd pump to 500 psi w/ hot oiler. Released to 200 psi. Stroked pump to 500 psi. Released pressure. Clamped off rods. RD & MO rig. 928 BLWTR. Will start setting production equipment tomorrow. Drop from report.

12/01-12/07/94 Hooking up production equipment.

12/08/94 Pumped 60 BO & 90 BLW in 21 hrs. Started pumping @ 11 AM 12/07/94. 838 BLWTR.

12/09/94 Pumped 120 BO & 20 BLW in 24 hrs. CP=900 psi. 818 BLWTR.

12/10/94 Pumped 70 BO & 30 BLW in 24 hrs. CP=400 psi. 788 BLWTR.

12/11/94 Pumped 65 BO & 20 BLW in 24 hrs. CP=500 psi. 768 BLWTR.

12/12/94 Pumped 65 BO & 15 BLW in 24 hrs. CP=550 psi. 753 BLWTR.

12/13/94 Pumped 53 BO & 7 BLW in 24 hrs. CP=375. 746 BLWTR.

# UTAH DIVISION OF OIL, GAS AND MINING EQUIPMENT INVENTORY

Operator: Wildrose Resources Corp. Lease: State:      Federal:  Indian:      Fee:     

Well Name: Pariette Fed. 13-24 API Number: 43-047-32546

Section: 24 Township: 85 Range: 17E County: Utah Field: Unnamed

Well Status: POW Well Type: Oil:  Gas:     

PRODUCTION LEASE EQUIPMENT:  CENTRAL BATTERY:     

Well head           Boiler(s)           Compressor           Separator(s)  
 Dehydrator(s)           Shed(s)           Line Heater(s)           Heated Separator  
 VRU           Heater Treater(s)

**PUMPS:**

Triplex           Chemical       Centrifugal

**LIFT METHOD:**

Pumpjack           Hydraulic           Submersible           Flowing

**GAS EQUIPMENT:**

Gas Meters           Purchase Meter           Sales Meter

**TANKS: NUMBER**

**SIZE**

<u>2</u>	Oil Storage Tank(s)	<u>400</u>	BBLS
<u>    </u>	Water Tank(s)	<u>    </u>	BBLS
<u>    </u>	Power Water Tank	<u>    </u>	BBLS
<u>    </u>	Condensate Tank(s)	<u>    </u>	BBLS
<u>1</u>	Propane Tank	<u>    </u>	

REMARKS: Oil tanks have burners

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

Inspector: David M. Hoeffel Date: 1/5/95

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

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

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

2. NAME OF OPERATOR  
Wildrose Resources Corp. **CONFIDENTIAL**

3. ADDRESS OF OPERATOR  
4949 South Albion St, Littleton, CO 80121

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 768' FWL & 1745' FSL (NW/SW)  
At top prod. interval reported below Same  
At total depth Same

14. PERMIT NO. 43-047-32546 DATE ISSUED \_\_\_\_\_

5. LEASE DESIGNATION AND SERIAL NO. U-45431

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

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

8. FARM OR LEASE NAME Pariette Federal

9. WELL NO. 13-24

10. FIELD AND POOL, OR WILDCAT Unnamed

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 24, T8S, R17E

12. COUNTY OR PARISH Uintah 13. STATE Utah

15. DATE SPUDDED 11/5/94 16. DATE T.D. REACHED 11/15/94 17. DATE COMPL. (Ready to prod.) Re-completion 4/12/95 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5018' GR 19. ELEV. CASINGHEAD 5018'

20. TOTAL DEPTH, MD & TVD 6661' 21. PLUG, BACK T.D., MD & TVD 6507' 22. IF MULTIPLE COMPL., HOW MANY\* - 23. INTERVALS DRILLED BY - ROTARY TOOLS 0'-TD CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 4722' - 4736' (Green River) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN \_\_\_\_\_ 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)  
4722' - 4736' w/ 2 spf  
28 holes  
.45" OD shot

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4722-36	21,200 gal x-linked gelled water w/ 60,000 # 20/40 sand

33.\* PRODUCTION

DATE FIRST PRODUCTION 4/12/95 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping WELL STATUS (Producing or shut-in) Producing

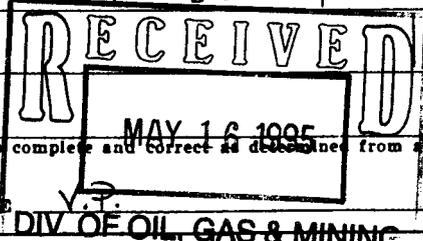
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4/17/95	24	-	→	145	50	0	345
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
-	300 psi	→	145	50	0	30°	

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

35. LIST OF ATTACHMENTS None

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

SIGNED Haley Keltner TITLE V.P. DATE 5/6/95



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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

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

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

2. NAME OF OPERATOR  
Wildrose Resources Corp.

3. ADDRESS OF OPERATOR  
4949 South Albion St, Littleton, CO 80121

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 768' FWL & 1745' FSL (NW/SW)  
At top prod. interval reported below Same  
At total depth Same

**CONFIDENTIAL**

5. LEASE DESIGNATION AND SERIAL NO.  
U-45431

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Pariette Federal

9. WELL NO.  
13-24

10. FIELD AND POOL, OR WILDCAT  
Unnamed

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 24, T8S, R17E

14. PERMIT NO. 43-047-32546 DATE ISSUED \_\_\_\_\_

15. DATE SPUNDED 11/5/94 16. DATE T.D. REACHED 11/15/94 17. DATE COMPL. (Ready to prod.) Re-completion 4/12/95 18. ELEVATIONS (DF, RKB, RT, OR, ETC.)\* 5018' GR 19. ELEV. CASINGHEAD 5018'

20. TOTAL DEPTH, MD & TVD 6661' 21. PLUG, BACK T.D., MD & TVD 6507' 22. IF MULTIPLE COMPL., HOW MANY\* - 23. INTERVALS DRILLED BY - ROTARY TOOLS 0'-TD CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 4722' - 4736' (Green River) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED No

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)  
4722' - 4736' w/ 2 spf  
28 holes  
.45" OD shot

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4722-36	21,200 gal x-linked gelled water w/ 60,000 # 20/40 sand

33.\* PRODUCTION

DATE FIRST PRODUCTION 4/12/95 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4/17/95	24	-	→	145	50	0	345

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
-	300 psi	→	145	50	0	30°

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

TEST WITNESSED BY  
E. Wilcken

35. LIST OF ATTACHMENTS  
None

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

SIGNED Haley Kattenbeck TITLE DIV. OF OIL, GAS & MINING DATE 5/6/95

**RECEIVED**  
MAY 16 1995

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

**RECEIVED**  
 UNITED STATES DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT  
 DIV. OF OIL, GAS & MINING

SUBMIT IN ORIGINAL  
**JUN 09 1995**  
(See other instructions on reverse side)

Form approved.  
 Budget Bureau No. 1004-0137  
 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-EX  PLUG BACK  DIFF. REVR.  Other \_\_\_\_\_

3. NAME OF OPERATOR  
*Wildrose Resources Corp.*

4. ADDRESS OF OPERATOR  
*4949 South Albion St, Littleton, CO 80121*

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
 At surface *768' FWL & 1745' FSL (NW/SW)*  
 At top prod. interval reported below *Same*  
 At total depth *Same*

14. PERMIT NO. *43-047-32546* DATE ISSUED \_\_\_\_\_

15. DATE SPUNDED *11/5/94* 16. DATE T.D. REACHED *11/15/94* 17. DATE COMPL. (Ready to prod.) *Re-completion 4/12/95* 18. ELEVATIONS (OF, RKB, RT, OR, ETC.)\* *5018' GR* 19. ELEV. CASINGHEAD *5018'*

20. TOTAL DEPTH, MD & TVD *6661'* 21. PLUG, BACK T.D., MD & TVD *6507'* 22. IF MULTIPLE COMPL., HOW MANY\* *-* 23. INTERVALS DRILLED BY *-* ROTARY TOOLS *0'-TD* CABLE TOOLS *-*

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
*4722' - 4736' (Green River)*

25. WAS DIRECTIONAL SURVEY MADE *No*

26. TYPE ELECTRIC AND OTHER LOGS RUN \_\_\_\_\_ 27. WAS WELL CORRED *No*

3. LEASE DESIGNATION AND SERIAL NO.  
*U-45431*

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

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

8. FARM OR LEASE NAME  
*Pariette Federal*

9. WELL NO.  
*13-24*

10. FIELD AND POOL, OR WILDCAT  
*Unnamed*

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
*Sec. 24, T8S, R17E*

12. COUNTY OR PARISH  
*Uintah*

13. STATE  
*Utah*

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)  
*4722' - 4736' w/ 2 spf*  
*28 holes*  
*.45" OD shot*

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<i>4722 - 36</i>	<i>21,200 gal x-linked gelled water w/ 60,000 # 20/40 sand</i>

33. PRODUCTION

DATE FIRST PRODUCTION *4/12/95* PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) *Pumping* WELL STATUS (Producing or shut-in) *Producing*

DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
<i>4/17/95</i>	<i>24</i>	<i>-</i>	<i>→</i>	<i>145</i>	<i>50</i>	<i>0</i>	<i>345</i>

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
<i>-</i>	<i>300 psi</i>	<i>→</i>	<i>145</i>	<i>50</i>	<i>0</i>	<i>30°</i>

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

TEST WITNESSED BY  
*E. Wilcken*

35. LIST OF ATTACHMENTS  
~~None~~ *Daily Recompletion Reports*

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

SIGNED *Kary Kattenbach* TITLE *V.P.* DATE *5/6/95*

\*(See Instructions and Spaces for Additional Data on Reverse Side) *6/6/95, tax credit*

DAILY RECOMPLETION REPORT

Operator: Wildrose Resources Corporation  
Well: Pariette Federal #13-24  
NW SW (1745' FSL & 768' FWL)  
Section 24, T 8 S, R 17 E  
Uintah Co., Utah

04/07/95 MI & RU Gibson Well Service.

04/08/95 Day 1: Pumped 40 bbl hot oil down csg. Unseated pump. Flushed tbg w/ 20 bbl hot oil. POH w/ rods & pump. Unset anchor. NUBOP's. POH w/ tbg. RU Schlumberger. Perf: 4722'-4736'(14') w/ 2 jspf using 4" csg gun. PU & ran Baker Model "C" BP w/retrieva-  
atic pkr on 167 jts tbg. Set BP @ 4990'. Pulled 5 stds tbg. SIFN.

04/09/95 Day 2: TP=450 psi, CP=0 @ 7AM 04/08/95. Blew down tbg. Ran 4 stds tbg to 4943'. RU HOWCO. Rolled hole w/ 120 bbl prepad fluid (2% KCl wtr w/ Cla-Sta XP, Low Surf 357, & BE 5). Set pkr. Pressured tstd BP to 3500 psi. Released pkr. Pulled 5 stds tbg. Set pkr @ 4642'. Pressure tstd annulus to 2000 psi. Released pressure. Broke down zone w/ 4000 gal prepad fluid & 42 ball sealers. Broke @ 1300 psi. Pumped @ 8 BPM @ 2200 psi; Good ball action. ISIP=915 psi. Surged balls. Waited 30 min. TP=370 psi. Released pressure. Released pkr. Ran pkr across perfs w/ 2 stds. POH w/ tbg. RU HOWCO to frac down 5 1/2" csg as follows:

<u>VOLUME</u>	<u>FLUID</u>	<u>RATE</u>	<u>ATP</u>
6000 gal	Pad- 40# Pure Gel 3	26 BPM	1800 psi
8000 gal	2-8 ppg 20/40 (35#PG)(40,000#)	26 BPM	1900 psi
2500 gal	8 ppg 20/40 (35#PG)(20,000#)	26 BPM	1700 psi
4700 gal	Flush (2% KCl water)	26 BPM	1900 psi

Frac volume: 21,200 gal wtr, 60,000 # 20/40 sand. ISIP=1960 psi, 5 min=1770 psi, 10 min=1720 psi, 15 min=1680 psi. 700 BLWTR. SIFN.

04/10/95 Day 3: SDF Sunday. CP=600 psi @ 8 AM 04/09/95. Flowed back 83 BLW in 4 1/2 hrs w/ trace of oil last hr. SIFN. 617 BLWTR.

04/11/95 Day 4: CP=350 psi. Flowed approx 5 BO. TIH w/ retrieving tool. Well flowing load water while TIH. Tagged sand @ 4870'. Circ out sand to BP @ 4990'. Circ clean. Released BP. POH w/ BP. Ran 1 jt tbg, perf sub, SN, 29 jts tbg, tbg anchor, 126 jts tbg. Tbg @ 4656'. RU to swab. FL @ 800'. SWBD & flowed 73 BF (est. 30 BO & 43 BW) in 2 hrs. Cutting approx 50% oil w/ strong gas. SIFN. 550 BLWTR.

DAILY RECOMPLETION REPORT

Operator: Wildrose Resources Corporation  
Well: Pariette Federal #13-24  
NW SW (1745' FSL & 768' FWL)  
Section 24, T 8 S, R 17 E  
Uintah Co., Utah

page 2

04/12/95 Day 5: CP=240, TP=320 @ 7AM 04/11/95. Open tbg, flowed 60 BF (mostly oil) in 5 hrs & died. CP=180. Made 1 swab run. Flowed 37 BF, mostly oil in 2 hrs. CP=170. SDFN. Left tbg slightly open to tank. Flowed 78 BO in 16 hrs overnight. CP=290, tbg plugged off.

04/13/95 Day 6: Pumped 10 BLW down tbg & 10 BLW down csg. Ran 24 jts tbg. Stripped off BOP's. Set anchor w/ 15,000# tension. Tbg set @ 5405'. SN @ 5370'. Anchor @ 4504'. Flushed tbg w/ 25 bbl hot load wtr. Ran 2 1/2" X 1 1/2" X 16' RHAL pump, 213 - 3/4" rods, 1-8', 1-6', 2-2' X 3/4" pony rods, & 22' X 1 1/2" polished rod. Loaded tbg w/ 9 bbl load wtr. Pressure tstd pump to 500 psi w/ hot oiler. Released to 200 psi. Stroked pump to 500 psi. Released pressure. Hung well back on. RD & MO rig. Pumped 128 BF in 15 hrs (86 BO & 42 BW). Approx 550 BLWTR.

04/14/95 Pumped 105 BO, 50 BLW.

04/15/95 Pumped 12 BO. Engine down.

04/16/95 Pumped 150 BO, 10 BLW. CP=200.

04/17/95 Pumped 145 BO, 5 BLW. CP=1100.

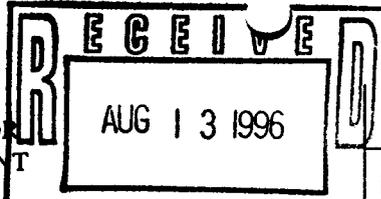
04/18/95 Pumped 7 BO. SDF tank room.

04/19/95 Pumped 134 BO. CP=400.

04/20/95 Pumped 140 BO. CP=300.

DROPPED FROM REPORT.

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 OIL, GAS & MINING**

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.  
**UTU-45431**

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

7. If Unit or CA, Agreement Designation  
n/a

8. Well Name and No.  
**Pariette Fed. #13-24**

9. API Well No.  
**43-047- 32546**

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

11. County or Parish, State  
**Uintah County, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**Equitable Resources Energy Company**

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**NW SW Sec. 34, T8S, R17E  
1745' FSL, 768' FWL**

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

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

Effective 9/1/96 this well will change operator from Wildrose Resources Corp. to:  
**Equitable Resources Energy Company  
1601 Lewis Avenue  
Billings, MT 59102**

**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 the terms and conditions of the lease associated with this application.

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

Signed *Robbie Schuman* Title Regulatory and Environmental Specialist Date 8-12-96

(This space for Federal or State office use)

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

Conditions of approval, if any:

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.  
**UTU-45431**

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

7. If Unit or CA, Agreement Designation  
n/a

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
**Pariette Fed. #13-24**

2. Name of Operator  
**Wildrose Resources Corporation**  
3. Address **4949 South Albion Street; Littleton, CO 80121 (303) 770-6566**

9. API Well No.  
**43-047-32546**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**NW SW Sec/ 34, T8S, R17E  
1745' FSL, 768' FWL**

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

11. County or Parish, State  
**Uintah County, UTAH**

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

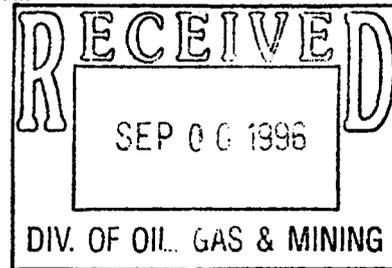
TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input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

Effective 9/1/96 this well will change operator from Wildrose Resources Corporation to:

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



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

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

Signed Kary J. Ketterloch Title V.P. Date 8/29/96

(This space for Federal or State office use)

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



**EQUITABLE RESOURCES**  
ENERGY COMPANY

**WESTERN REGION**

1601 Lewis Avenue  
Billings, MT 59102

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

September 3, 1996

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

Gentlemen:

RE: Change of Operators

Enclosed for your files are the Change of Operator sundries for the following wells:

Pariette Federal #9-23

Pariette Federal #13-24

Pariette Federal #14-24

Pariette Federal #24-24

Pariette Federal #12-24

Pariette Federal #34-24

Sincerely,

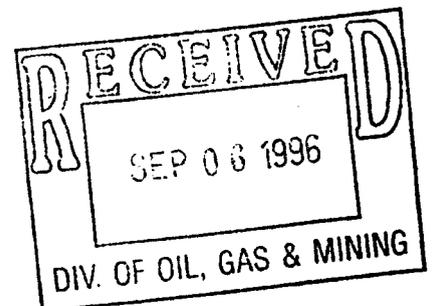
*Molly Conrad*

Molly Conrad  
Operations Secretary

/mc

Enclosures

cc: State of Utah, Division of Oil, Gas, & Mining  
Bobbie Schuman





# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

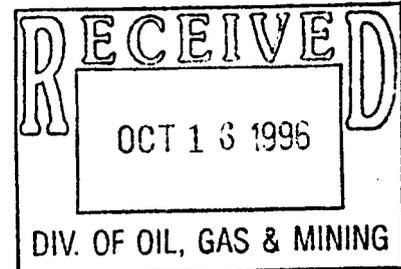
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078-2799

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

IN REPLY REFER TO:  
3162.3  
UT08300

September 30, 1996

Equitable Resources Energy Company  
Attn: Bobbie Schuman  
1601 Lewis Avenue  
Billings, MT 59102



Re: Well No. Pariette Fed. 13-24  
NWSW, Sec. 24, T8S, R17E  
Lease U-45431  
Duchesne County, Utah

Dear Ms. Schuman:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Equitable Resources Energy Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. MT0576, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (801) 789-1362.

Sincerely,

Howard B. Cleavinger II  
Assistant Field Manager  
Minerals Resources

cc: Wildrose Resources Corporation  
Division of Oil, Gas & Mining  
Great Northern Drilling Co.  
Wendy Wolf Kaufman  
Thomas J. Lambert  
Loex Properties 1984  
Larry R. Simpson  
John B. Warne

Inland Production Co.  
Robert B. Lambert  
Lexey C. Lambert Trust  
Montana & Wyoming Oil  
Uinta Energy Corp.  
Bonnie B. Warne

John F. Jennings  
Michael W. Lambert  
Robert Lambert Trust  
Phantom Investments  
Vaughey & Vaughey

**OPERATOR CHANGE WORKSHEET**

1-LEC	6-LEC
2-GLH	7-KDRV
3-DPS/DIS	8-SJ
4-VLD	9-FILE
5-RJF	

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: 9-1-96

TO: (new operator)	<u>EQUITABLE RESOURCES ENERGY</u>	FROM: (old operator)	<u>WILDROSE RESOURCES CORP.</u>
(address)	<u>1601 LEWIS AVE</u>	(address)	<u>4949 S ALBION ST</u>
	<u>BILLINGS MT 59102-4126</u>		<u>LITTLETON CO 80121</u>
	<u>Phone: (406)259-7860</u>		<u>Phone: (303)770-6566</u>
	<u>Account no. N9890</u>		<u>Account no. N9660</u>

WELL(S) attach additional page if needed:

Name: <u>PARIETTE FED 24-24/GR</u>	API: <u>43-047-32646</u>	Entity: <u>11760</u>	S <u>24</u>	T <u>8S</u>	R <u>17E</u>	Lease: <u>U45431</u>
Name: <u>PARIETTE FED 12-24/GR</u>	API: <u>43-047-32713</u>	Entity: <u>11888</u>	S <u>24</u>	T <u>8S</u>	R <u>17E</u>	Lease: <u>U45431</u>
Name: <u>PARIETTE FED 13-24/GR</u>	API: <u>43-047-32546</u>	Entity: <u>11689</u>	S <u>24</u>	T <u>8S</u>	R <u>17E</u>	Lease: <u>U45431</u>
Name: <u>PARIETTE FED 14-24/GR</u>	API: <u>43-047-32645</u>	Entity: <u>11753</u>	S <u>24</u>	T <u>8S</u>	R <u>17E</u>	Lease: <u>U45431</u>
Name: <u>PARIETTE FED 9-23/GR</u>	API: <u>43-047-31543</u>	Entity: <u>9935</u>	S <u>23</u>	T <u>8S</u>	R <u>17E</u>	Lease: <u>U45431</u>
Name: <u>PARIETTE FED 34-24/GR</u>	API: <u>43-047-32506</u>	Entity: <u>11892</u>	S <u>24</u>	T <u>8S</u>	R <u>17E</u>	Lease: <u>U45431</u>
Name: <u>PARIETTE FED 23-24/DRL</u>	API: <u>43-047-32710</u>	Entity: <u>99999</u>	S <u>24</u>	T <u>8S</u>	R <u>17E</u>	Lease: <u>U45431</u>

**OPERATOR CHANGE DOCUMENTATION**

- Yec 1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). *(Rec'd 9-6-96)*
- Yec 2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). *(Rec'd 8-13-96)*
- 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: \_\_\_\_\_
- Yec 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.
- Yec 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(10-16-96)*
- Yec 6. Cardex file has been updated for each well listed above. *(10-16-96)*
- Yec 7. Well file labels have been updated for each well listed above. *(10-16-96)*
- Yec 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. *(10-16-96)*
- Yec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

**ENTITY REVIEW**

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

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

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

**LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY**

- N/A 1. Copies of documents have been sent on      to      at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.

**FILMING**

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

**FILING**

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

**COMMENTS**

9/6/01/6 Btm/Vernal Aprv. 9-30-96.

43-047-32540

Form 3160-5  
(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

See Attached

6. If Indian, Allottee or Tribe Name

n/a

**SUBMIT IN TRIPLICATE**

7. If Unit or CA, Agreement Designation

Humpback Unit  
UTU76189X

8. Well Name and No.

See Attached

9. API Well No.

See Attached

10. Field and Pool, or Exploratory Area

Monument Butte/Green

11. County or Parish, State

Uintah County, UT

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
Equitable Resources Energy Company

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

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

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>Site Security Diagrams</u>	<input type="checkbox"/> Dispose Water

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

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

Attached are the Site Security Diagrams for the wells listed on the attached exhibit.

14. I hereby certify that the foregoing is true and correct  
Signed Molly Conrad Title Agent for Equitable Resources Energy company Date 9-15-97

(This space for Federal or State office use)

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

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

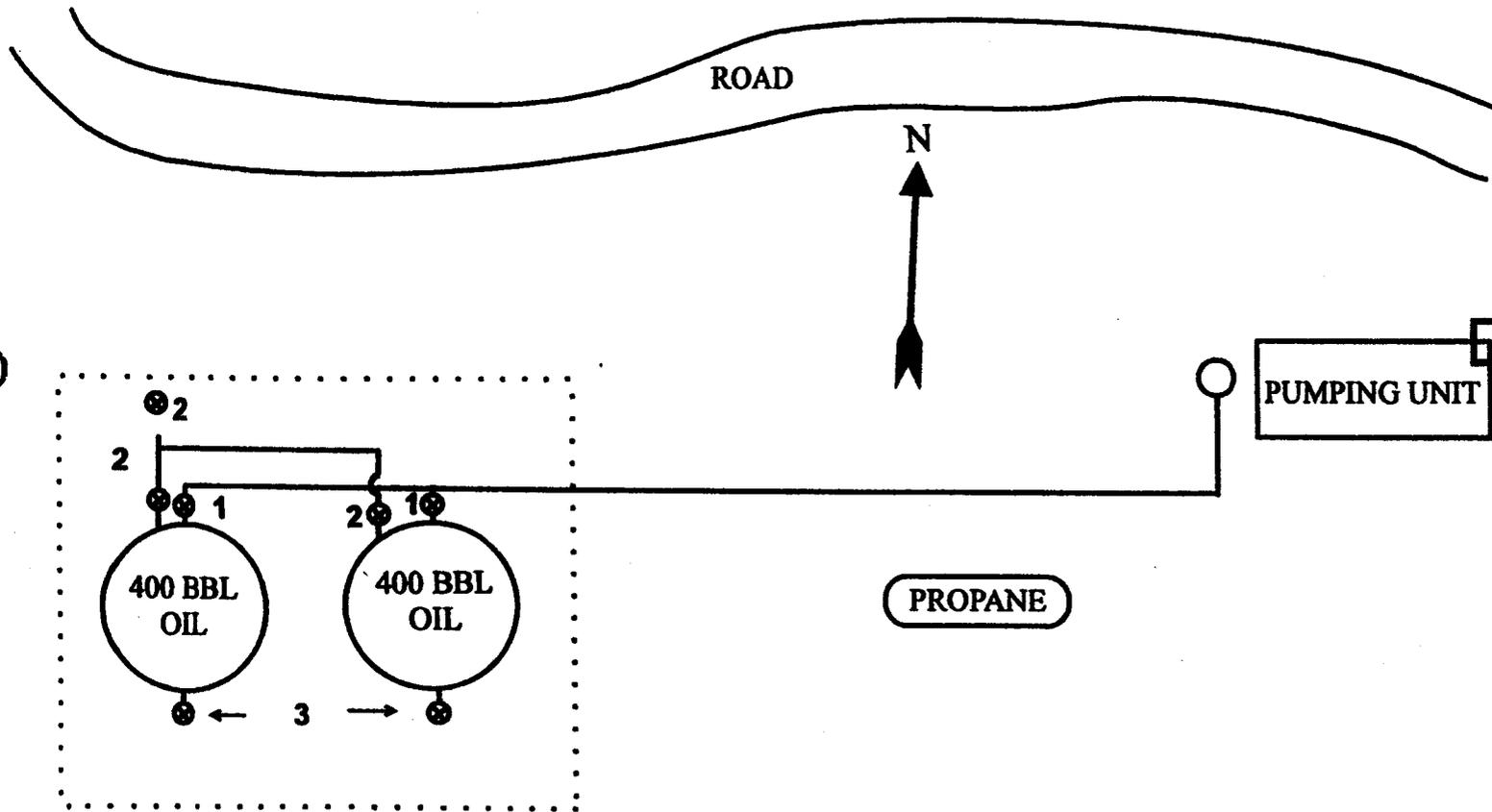
\*See instruction on Reverse Side

Humpback Unit Site Security Diagrams

<u>Well Name</u>	<u>Location</u>	<u>County</u>	<u>State</u>	<u>Footages</u>	<u>API Number</u>
Pariette Federal #8-23	SE NE Section 23, T8S, R17E	Uintah	UT	3353' FSL & 875' FEL	43-047-32676
Pariette Federal #9-23	NE SE Section 23, T8S, R17E	Uintah	UT	2157' FL & 813' FEL	43-047-31543
Pariette Federal #12-24	SW NW Section 24, T8S, R17E	Uintah	UT	3100' FSL & 472' FWL	43-047-32713
→ Pariette Federal #13-24	NW SW Section 24, T8S, R17E	Uintah	UT	1745' FSL & 768' FWL	43-047-32546
Pariette Federal #14-24	SW SW Section 24, T8S, R17E	Uintah	UT	660 FSL & 661' FWL	43-047-32645
Pariette Federal #24-24	SE SW Section 24, T8S, R17E	Uintah	UT	814' FSL & 2095' FWL	43-047-32646
Pariette Federal #34-24	SW SE Section 24, T8S, R17E	Uintah	UT	465' FSL & 1781' FEL	43-047-32506

**EQUITABLE RESOURCES ENERGY COMPANY  
 PARIETTE FEDERAL 13-24  
 PRODUCTION FACILITY DIAGRAM**

**PARIETTE FEDERAL 13-24  
 NW/SW SEC. 24, T8S, R17E  
 UINTAH COUNTY, UTAH  
 FEDERAL LEASE #U 45431  
 UNIT # UTU - 76189-X**



VALVE DESCRIPTION			
	DURING PROD.	DURING SALES	DURING WATER DRAIN
VALVE #1	OPEN	CLOSED	CLOSED
VALVE #2	CLOSED	OPEN	CLOSED
VALVE #3	CLOSED	CLOSED	OPEN
VALVE #4			

DIAGRAM NOT TO SCALE



PLAN LOCATED AT:

**EQUITABLE RESOURCES  
 ENERGY COMPANY**  
 WESTERN REGION

1401 Lewis Avenue  
 Billings, MT 59102  
 (406) 239-7666

June 20, 1997

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

OO, 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)

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

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

SUBSEQUENT REPORT  
(Submit Original Form Only)

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

Date of work completion 9-30-97

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

\* Must be accompanied by a cement verification report.

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

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

Equitable Resources Energy Company  
1601 Lewis Avenue  
Billings, MT 59102

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

OCT 10 1997

13.

Name & Signature:

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date:

9/30/97

This space for State use only)

INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
✓ HENDEL FEDERAL #1-17	NENW 179S 19E	UINTA	UT	PARIETTE BENCH	43-047-30059-00	UTU017991	
✓ HENDEL FEDERAL #3-17	SWNW 179S 19E	UINTA	UT	PARIETTE BENCH	43-047-30074-00	UTU017991	
PARIETTE BENCH #4 (SWD)	SWSE 7 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-15681-00	UTU017992	8910069630
✓ PARIETTE BENCH FEDER #14-5	SWSW 5 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-31123-00	UTU017992	
✓ PARIETTE BENCH FEDER #41-7	NENE 7 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-31584-00		8910069630
✓ PARIETTE BENCH FEDER #32-6	SWNE 6 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-31554-00	UTU50385	
✓ PARIETTE BENCH FEDER #43-6	NESE 6 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-31616-00	UTU017992	
✓ PARIETTE BENCH UNIT #2	SWNE 7 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-15680-00		8910069630
✓ FEDERAL #22-25	SE NW 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32008-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED #24-25	SE SW 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32669-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED #34-25	SW SE 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32670-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED. #21-25	NENW 258S 17E	DUCHESNE	UT	UNDESIGNATED (H)	43-047-32528-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED. #12-25	SWNW 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32526-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED. #23-25	NESW 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32529-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED. #31-25	NWNE 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32530-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED. #32-25	SWNE 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32524-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED. #33-25	NWSE 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32525-00	UTU67845	UTU76189X
✓ MONUMENT FEDERAL #11-25	NWNW 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32455-00	UTU67845	UTU76189X
✓ PARIETTE DRAW FED. #8-23	SE NE 238S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32676-00	UTU45431	UTU76189X
✓ PARIETTE FEDERAL #9-23	NESE 238S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-31543-00	UTU45431	UTU76189X
✓ PARIETTE FEDERAL #12-24	SWNW 248S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32713-00	UTU45431	UTU76189X
✓ PARIETTE FEDERAL #13-24	NWSW 248S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32546-00	UTU45431	UTU76189X
✓ PARIETTE FEDERAL #14-24	SWSW 248S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32645-00	UTU45431	UTU76189X
✓ PARIETTE FEDERAL #23-24-8-17	NE SW 248S 17E	UINTAH	UT	MONUMENT BUTTE (H)	43-047-32710-00	UTU45431	UTU76189X
✓ PARIETTE FEDERAL #24-24	SESW 248S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32646-00	UTU45431	UTU76189X
✓ PARIETTE FEDERAL #34-24	SWSE 248S R17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32506-00	UTU45431	UTU76189X



**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.

**OPERATOR CHANGE WORKSHEET**

1-LEC	6-FILE
2-GLH	7-KAS
3-DPS	8-SI
4-VLD	9-FILE
5-JRB	

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

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

The operator of the well(s) listed below has changed, effective: 9-30-97

<p><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>                  Phone: <u>(435)722-5103</u>                  Account no. <u>N5160</u></p>	<p><u>LAUREL MT 59044</u>  <u>C/O CRAZY MTN O&amp;G SVS'S</u>                  Phone: <u>(406)628-4164</u>                  Account no. <u>N9890</u></p>
---	--

**WELL(S)** attach additional page if needed: **HUMPBAC (GREEN RIVER) UNIT**

Name: <b>**SEE ATTACHED**</b>	API: <u>43-047-32546</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

**OPERATOR CHANGE DOCUMENTATION**

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(rec'd 12-10-97)*
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(rec'd 10-13-97)*
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_
- lec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- lec 5. Changes have been entered in the **Oil and Gas Information System (3270)** for each well listed above. *(2-13-98)*
- lec 6. **Cardex** file has been updated for each well listed above. *(2-18-98)*
- lec 7. Well **file labels** have been updated for each well listed above. *(2-18-98)*
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(2-13-98)*
- lec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

**ENTITY REVIEW**

- Lee 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.  
*12053 previously assigned "Humpback (GR) 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/ Lee 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
2. A **copy of this form** has been placed in the new and former operator's bond files.
3. The **FORMER** operator has requested a release of liability from their bond (yes/no)    , as of today's date    . If yes, division response was made to this request by letter dated    .

**LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY**

1. Copies of documents have been sent on     to     at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
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**

- VB 1. All attachments to this form have been **microfilmed**. Today's date: 3.20.98.

**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**

980211 BLM/SL Aprv. eff. 2-10-98.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## 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): 12 / 97

AMENDED REPORT  (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
MONUMENT FEDERAL 23-25			GRRV			467845	Humpback (GP) Unit	
4304732529	12053	08S 17E 25						
MONUMENT FEDERAL 31-25			GRRV			"	"	
4304732530	12053	08S 17E 25						
PARIETTE FEDERAL 13-24			GRRV			445431	"	
4304732546	12053	08S 17E 24						
PARIETTE FEDERAL 14-24			GRRV			"	"	
4304732645	12053	08S 17E 24						
PARIETTE FEDERAL 24-24			GRRV			"	"	
4304732646	12053	08S 17E 24						
BALCRON MONUMENT FEDERAL 24-25			GRRV			467845	"	
4304732669	12053	08S 17E 25						
BALCRON MONUMENT FEDERAL 34-25			GRRV			"	"	
4304732670	12053	08S 17E 25						
PARIETTE DRAW FEDERAL 8-23			GRRV			445431	"	
4304732676	12053	08S 17E 23						
PARIETTE FEDERAL 23-24			GRRV			"	"	
4304732710	12053	08S 17E 24						
PARIETTE FEDERAL 12-24			GRRV			"	"	
4304732713	12053	08S 17E 24						
MONUMENT FEDERAL 43-10-9-16			GRRV					
4301331723	12065	09S 16E 10						
MONUMENT FEDERAL 34-31-8-16			GRRV					
4301331715	12067	08S 16E 31						
MONUMENT FEDERAL 33-10-9-16			GRRV					
4301331722	12087	09S 16E 10						
<b>TOTALS</b>								

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

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

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

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

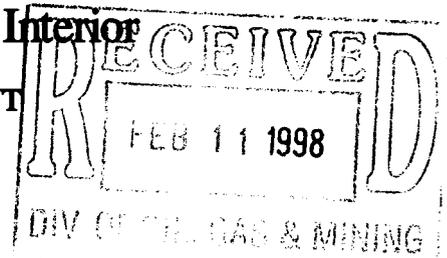
Telephone Number: \_\_\_\_\_



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

February 10, 1998

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

Re: Humpback (Green River) Unit  
Uintah County, Utah

Gentlemen:

On February 10, 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 Humpback (Green River) Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 10, 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 Humpback (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Humpback (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 - Humpback (Green River) Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron/Fluid Chron  
U-931:TAThompson:tt:2/10/98

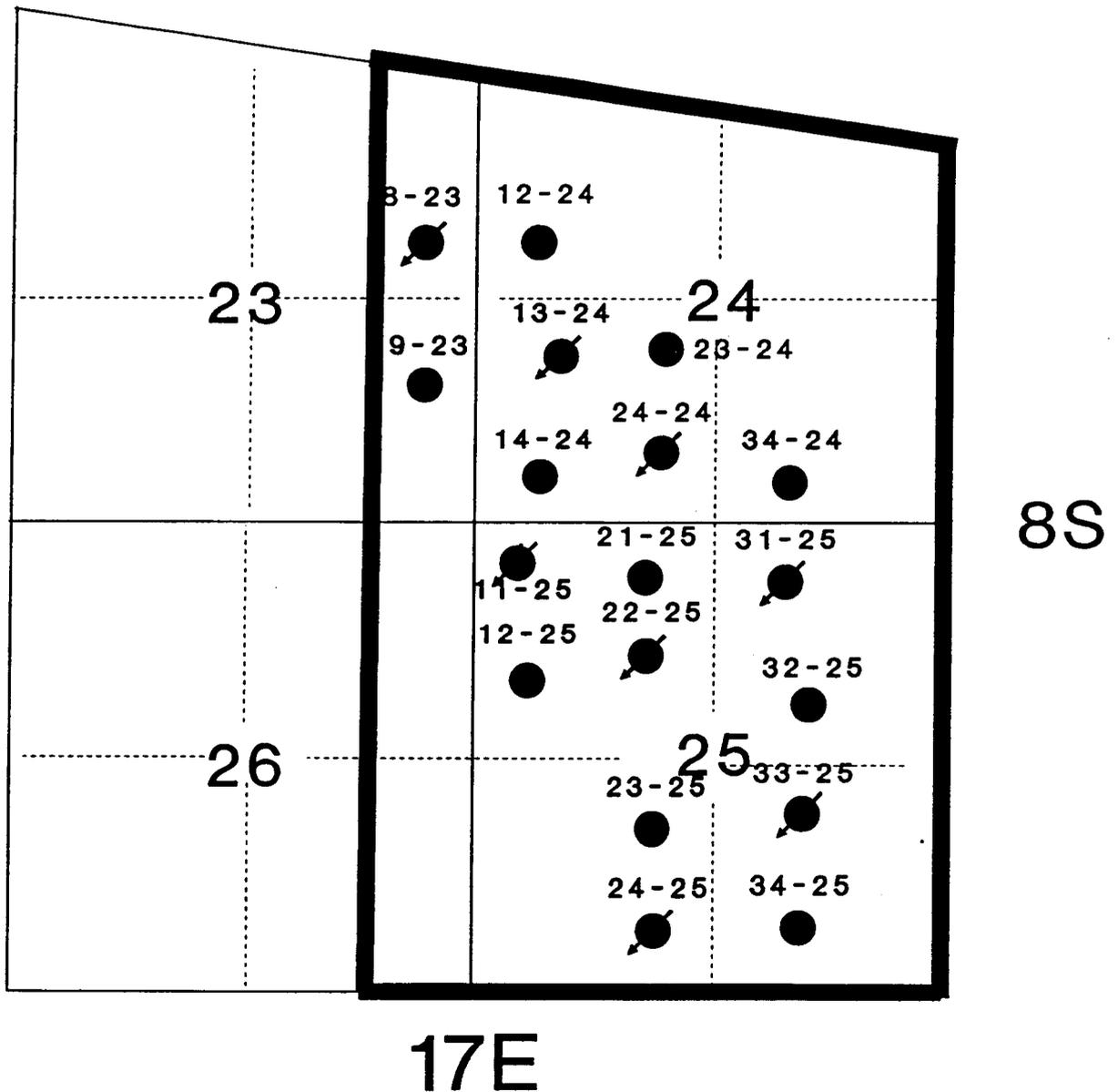
Well Status Report  
Utah State Office  
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator	
** Inspection Item: UTU76189X									
UTU67845	4304732455	11-25	NWNW	25	T	8S	R17E	OSI	EQUITABLE RESOURCES ENERGY CO
UTU45431	4304732713	12-24	SWNW	24	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU67845	4304732526	12-25	SWNW	25	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU45431	4304732645	14-24	SWSW	24	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU67845	4304732528	21-25	NENW	25	T	8S	R17E	OSI	EQUITABLE RESOURCES ENERGY CO
UTU67845	4304732008	22-25 FEDERAL	SENW	25	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU67845	4304732529	23-25	NESW	25	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU45431	4304732646	24-24	SESW	24	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU67845	4304732669	24-25	SESW	25	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU67845	4304732530	31-25 FEDERAL	NWNE	25	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU67845	4304732524	32-25 MONUMENT BUTTE	SWNE	25	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU67845	4304732525	33-25	NWSE	25	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU45431	4304732506	34-24	SWSE	24	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU67845	4304732670	34-25	SWSE	25	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU45431	4304731543	9-23 PARIETTE DRAW	NESE	23	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU45431	4304732676	PARIETTE DRAW 8-23	SENE	23	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU45431	4304732546	PARIETTE FED 13-24	NWSW	24	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU45431	4304732710	PARIETTE FED 23-24	NESW	24	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO

# HUMPBACK (GREEN RIVER) UNIT

## Uintah County, Utah

EFFECTIVE: JANUARY 1, 1997



— UNIT OUTLINE (UTU76189X)

1,468.47 ACRES

SECONDARY  
ALLOCATION  
FEDERAL 100.00%

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-45431**

6. If Indian, Allottee or Tribe Name  
**NA**

7. If Unit or CA, Agreement Designation  
**HUMBACK (GR RVR)**

8. Well Name and No.  
**PARIETTE FEDERAL 13-24**

9. API Well No.  
**43-047-32546**

10. Field and Pool, or Exploratory Area  
**PARIETTE DRAW**

11. County or Parish, State  
**UINTAH 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)  
**1745 FSL 0768 FWL                      NW/SW Section 24, T08S R17E**

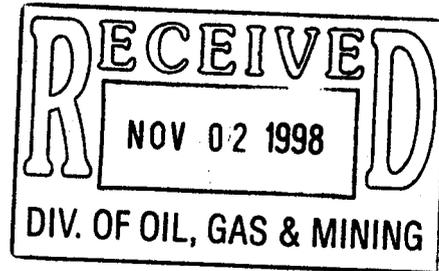
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

Attached 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 10/30/98

(This space for Federal or State office use)

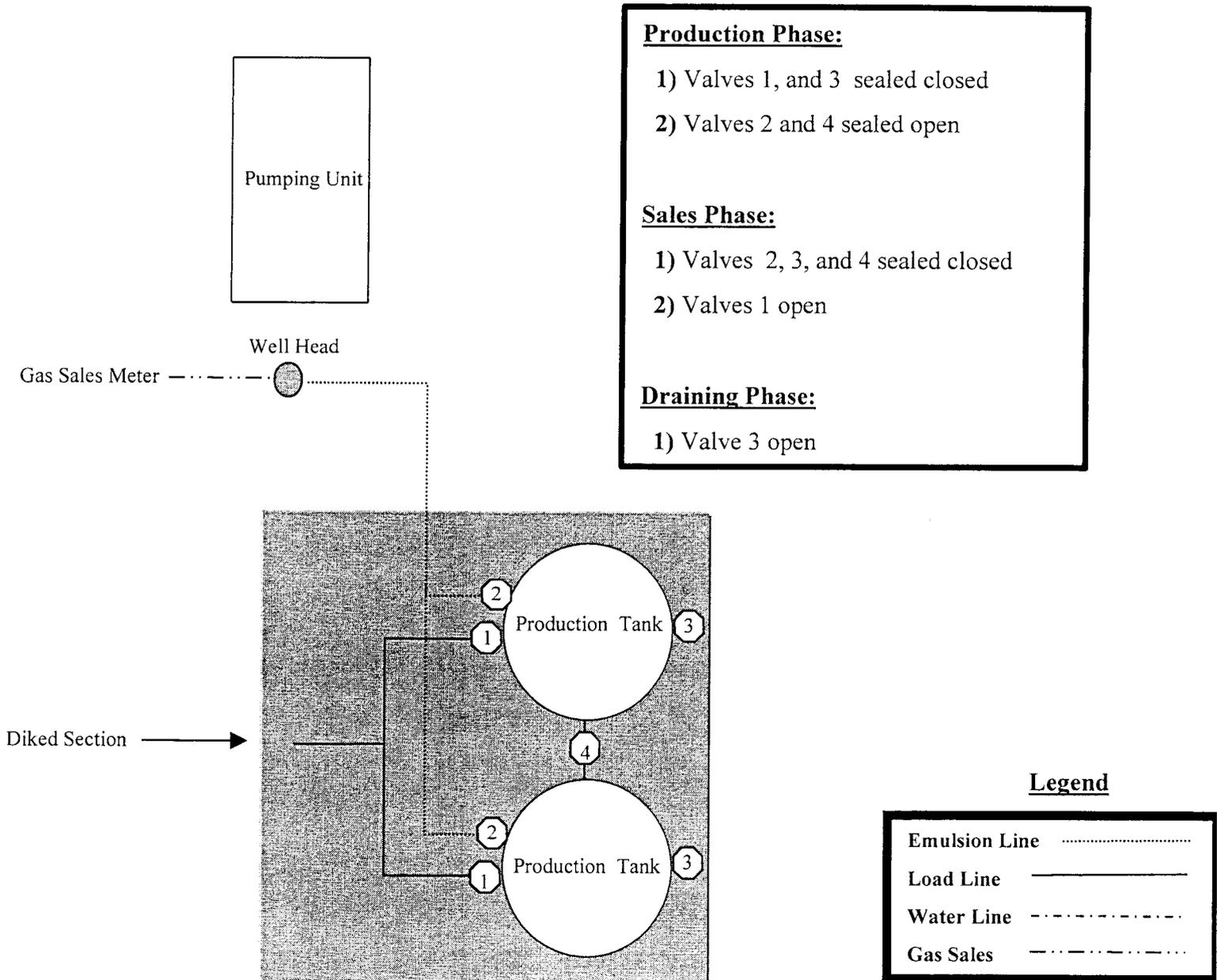
Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:  
**CC: UTAH DOGM**

# Inland Production Company Site Facility Diagram

Pariette Federal 13-24  
NW/SW Sec. 24, T8S, 17E  
Uintah County  
Sept. 17, 1998

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



**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-45431**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**HUMPBACK (GR RVR)**

8. Well Name and No.

**PARIETTE FEDERAL 13-24**

9. API Well No.

**43-047-32546**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**UINTAH 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.

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

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

**1745 FSL 0768 FWL NW/SW Section 24, T8S R17E**

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

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

Subject well had recompletion procedures initiated in the Green River formation on 10/2/02. Existing production equipment was pulled from well. A bit & scraper was ran in well. Well was cleaned out (W/ bailer) to 6374'. Two new Green River intervals were perforated and hydraulically fracture treated as follows: Stage #1: CP4 sds @ 6204'-6212'; CP5 sds @ 6271'-6273' and 6293'-6305' (all 4 JSPF) fraced down 2 7/8 N-80 tbg W/ 58,372# 20/40 mesh sand in 471 bbls Viking I-25 fluid. Stage #2: CP .5 sds @ 5974'-5979' and CP2 sds @ 6043'-6050' (all 4 JSPF) fraced down 2 7/8 N-80 tbg W/ 33,511# 20/40 mesh sand in 290 bbls Viking I-25 fluid. Both fracs were flowed back through chokes. Frac tbg and tools were pulled from well. Well was cleaned out to PBDT @ 6492' (with circulation). New intervals were swab tested for sand cleanup (along with existing intervals). A revised BHA & production tbg was ran in and anchored in well W/ tubing anchor @ 6250', pump seating nipple @ 6317' and end of tubing string @ 6352'. A repaired 1 1/2" bore rod pump was ran in well on sucker rods. Well was returned to production via rod pump on 10/8/02.

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

Signed *Gary Dietz* Title Completion Foreman Date 10/10/2002  
Gary Dietz

CC: UTAH DOGM

(This space for Federal or State office use)

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

Conditions of approval, if any:

CC: Utah DOGM

**RECEIVED**

Date  
**OCT 15 2002**

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. 104-0104  
Expires June 30, 2004  
**COPY**

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 No. (include are code)  
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 1745 FSL 0768 FWL  
 NW/SW Section 24 T8S R17E

5. Lease Serial No.  
 UTU45431

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.  
 HUMPBACK UNIT

8. Well Name and No.  
 PARIETTE FED 13-24

9. API Well No.  
 4304732546

10. Field and Pool, or Exploratory Area  
 Monument Butte

11. County or Parish, State  
 Uintah, UT

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

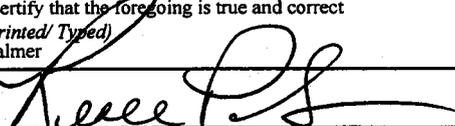
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input 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.)

Subject well had recompletion procedures initiated in the Green River formation on 10/12/04. Existing production equipment was pulled from well. A bit and scraper were run in well. One new Green River interval was perforated and hydraulically fracture treated as follows: Stage #1: GB6 sands @ 4676-4696'(4 JSPF) fraced w/100,335# 20/40 sand in 712 bbls Lightning 17 fluid. Fracs were flowed back through chokes. Sand was cleaned from wellbore. New intervals were swab tested for sand cleanup. BHA & production tbg were run and anchored in well w/tubing anchor @ 6252', pump seating nipple @ 6319', and end of tubing string @ 6353'. A new 1 1/2" bore rod pump was run in well on sucker rods. Well returned to production via rod pump on 10-18-04.

RECEIVED  
OCT 21 2004

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Renee Palmer	Title Production Clerk
Signature 	Date 10/20/2004

Approved by 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.	Title	Date
	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

(Instructions on reverse)



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



# 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

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		



## 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



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

**REGION 8**

**1595 Wynkoop Street  
DENVER, CO 80202-1129  
Phone 800-227-8917  
<http://www.epa.gov/region08>**

Ref: 8P-W-GW

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

**AUG 03 2010**

**RECEIVED**

**AUG 11 2010**

Mr. Eric Sundberg  
Regulatory Analyst  
Newfield Production Company  
1001 Seventeenth Street – Suite 2000  
Denver, CO 80202

**DIV. OF OIL, GAS & MINING**

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

RE: Underground Injection Control (UIC)  
Additional Well to Humpback Area Permit  
EPA UIC Permit UT20852-08839  
Well: Pariette Federal 13-24-8-17  
NWSW Sec. 24 T8S-R17E  
Uintah County, Utah  
API No.: 43-047-32546

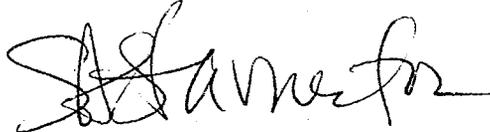
Dear Mr. Sundberg:

The Environmental Protection Agency Region 8 (EPA) hereby authorizes Newfield Production Company (Newfield) to convert the oil well Pariette Federal 13-24-8-17 to an enhanced recovery injection well according to the terms and conditions of the enclosed Authorization for Additional Well. The addition of this injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of Humpback Area Permit No.UT20852-00000 and subsequent modifications.

Please be aware that Newfield does not have authorization to begin well injection until all Prior to Commencing Injection requirements are met and written authorization to inject is given by the Director. Prior to receiving authorization to inject, Newfield must submit for review and approval (1) the results of a Part I (internal) Mechanical Integrity test, (2) a pore pressure calculation of the injection interval, and (3) a completed EPA Form No. 7520-12 (Well Rework Record) with a new schematic diagram.

If you have any questions, please call Bob Near (303) 312-6278 or 1-(800)-227-8917 (Ext. 312-6278). Please submit the required data to Jason Deardorff at the letterhead address citing mail code 8P-W-GW.

Sincerely,



Stephen S. Tuber  
Assistant Regional Administrator  
Office of Partnerships and Regulatory Assistance

Enclosures: Authorization for Additional Well  
Wellbore and P&A schematics for Pariette Federal 13-24-8-17

cc Letter Only:

Uintah & Ouray Business Committee:  
Curtis Cesspooch, Chairman  
Frances Poowegup, Vice-chairwoman  
Phillip Chimburas, Councilman  
Stewart Pike, Councilman  
Irene Cuch, Councilwoman  
Richard Jenks, Jr., Councilman

Daniel Picard  
BIA - Uintah & Ouray Indian Agency

cc All Enclosures:

Mike Natchees  
Director, Natural Resources  
Ute Indian Tribe

Manual Myore  
Director of Energy & Minerals Dept.  
Ute Indian Tribe

Brad Hill  
Acting Associate Director  
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office  
BLM - Vernal Office

Michael Guinn  
District Manager  
Newfield Production Company  
Myton, Utah



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

REGION 8  
1595 WYNKOOP STREET  
DENVER, CO 80202-1129  
Phone 800-227-8917  
<http://www.epa.gov/region08>

**AUTHORIZATION FOR ADDITIONAL WELL**

**UIC Area Permit UT20852-00000**

The Humpback Unit Final UIC Area Permit UT20852-00000, effective October 8, 1998, authorizes injection for the purpose of enhanced oil recovery in the Monument Butte Field. On June 24, 2010, Newfield Production Company notified the Director concerning the following additional enhanced recovery injection well:

Well Name: **Pariette Federal 13-24-8-17**  
EPA Permit ID Number: **UT20852-08839**  
Location: **1,745' FSL & 768' FWL  
NWSW Sec. 24 T8S-R17E  
Uintah County, Utah  
API #43-047-32546**

**RECEIVED**

**AUG 11 2010**

**DIV. OF OIL, GAS & MINING**

Pursuant to 40 CFR §144.33, Area UIC Permit UT20852-00000 authorizes the permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the area permit. This well was determined to satisfy additional well criteria required by the permit.

This well is subject to all provisions of UIC Area Permit No. UT20852-00000, as modified and as specified in the Injection Well-Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date.

This Authorization is effective upon signature.

Date:     **AUG 03 2010**    

**Stephen S. Tuber**  
\*Assistant Regional Administrator  
Office of Partnerships and Regulatory Assistance

*\* The person holding this title is referred to as the Director throughout the permit and Authorization*

## INJECTION WELL-SPECIFIC REQUIREMENTS

Well Name: **Pariette Federal 13-24-8-17**  
EPA Well ID Number: **UT20852-08839**

### Prior to Commencing Injection Operations, the permittee shall submit the following information:

1. Completed Well Rework Record (EPA Form No. 7520-12) and schematic diagram;
2. Pore pressure calculation of the proposed injection zone;
3. Results from a successful part I (internal) Mechanical Integrity test.

Once these records are received and approved by EPA, the Director will provide written authorization to inject for a limited period of 180 days, during which time a Radioactive Tracer Survey (RTS) is required. A successful RTS will be considered valid at injection pressures up to the MAIP until one of the following events occurs, at which time a subsequent RTS is required:

- a) If the submitted RTS is determined to be inconclusive or inadequate by EPA,
- b) If the MAIP of the injection well is exceeded for any reason (*It is a violation to exceed the MAIP without prior EPA approval*),
- c) If new injection perforations are added to the injection well, either through the creation of new perforations or the adjustment of the packer depth to inject into a set of existing perforations that were previously inactive,
- d) If the injection formation is acid-treated, hydraulically stimulated, or stimulated by any other method through the injection well, that may affect the cement integrity of the well,
- e) If the Director requests that a RTS be run for any reason.

**Note:** All depths given in this authorization reference the Kelly Bushing datum unless otherwise specified.

**Approved Injection Zone:** Injection is approved between the base of the Garden Gulch-2 Member of the Green River Formation at 4,449 feet (ft.) to the top of the Wasatch Formation, at 6,494 ft.

**Maximum Allowable Injection Pressure (MAIP):** The initial MAIP is 680 psig, based on the following calculation:

$$\text{MAIP} = [\text{FG} - (0.433)(\text{SG})] * \text{D}, \text{ where}$$
$$\text{FG} = 0.585 \text{ psi/ft} \quad \text{SG} = 1.015 \quad \text{D} = 4,676 \text{ ft. (top perforation depth KB)}$$

**Initial MAIP = 680 psig**

FG = Fracture Gradient      SG = Specific Gravity of Injectate (Maximum)

UIC Area Permit No. UT20852-00000 provides the opportunity for the permittee to request a change of the MAIP based upon the submitted results of a step rate test that demonstrates the formation parting pressure.

**Well Construction - Casing and Cementing:** The well was constructed in compliance with existing regulatory controls for casing and cementing pursuant to 40 CFR § 146.22(c). However, cementing records, including the cement bond log, have not satisfactorily demonstrated the presence of adequate cement to prevent the migration of injection fluids behind the casing from the injection zone. An EPA annotated wellbore diagram is attached.

**Well Construction - Tubing and Packer:** 2-7/8" or similar size injection tubing is approved. The packer shall be set at a depth no more than 100 ft. above the top perforation.

**Demonstration of Mechanical Integrity:**

- (1) A successful demonstration of part I (internal) mechanical integrity using a Casing-Tubing Annulus Pressure Test is required prior to injection, and no less than every five years after the last successful test.
- (2) Because the cementing records have not satisfactorily demonstrated the presence of adequate cement to prevent migration of injection fluids behind the casing from the injection zone, a RTS is required to confirm the presence of adequate cement. The RTS will supplement the cementing records, which show an insufficient interval of 80 percent cement bond index or greater through the confining zones, by demonstrating the presence or absence of adequate cement to prevent fluid movement behind the casing above the uppermost perforation. It is intended that a maximum of 180 days of injection will allow the injection zone to achieve the Maximum Allowable Injection Pressure (MAIP) for the purpose of executing the RTS. If 180 days is not sufficient to achieve the MAIP specified in the permit, an extension of the period of Limited Authorization to Inject may be requested. If the RTS is not run, or if the RTS does not confirm adequate cement, the permittee shall demonstrate Part II (external) Mechanical Integrity pursuant to 40 CFR §146.8(a)(2) using an approved test method such as temperature log, noise log or oxygen activation log, and the demonstration of Part II Mechanical Integrity shall be repeated no less than every five years after the last successful test.

**Financial Responsibility:** At the time of issuance of this Authorization for Additional Well UIC Permit, the Environmental Protection Agency Region 8 (EPA) has identified deficiencies in Newfield Production Company's (Newfield) Financial Statement submitted on June 10, 2010, as a demonstration of the company's ability to plug and abandon all Newfield injection wells permitted by EPA. EPA's Office of Enforcement, Compliance and Environmental Justice (ECEJ) is taking action to correct any deficiencies. EPA's Office of Partnerships and Regulatory Assistance (OPRA), the division responsible for issuing all UIC permits, has determined that these deficiencies in Financial Responsibility do not represent an imminent endangerment to underground sources of drinking water in the Monument Butte Field and that the issuance of UIC permits to Newfield should continue while ECEJ works with Newfield to correct any

deficiencies. In the event that Newfield is unable to return to full compliance on Financial Responsibility within a reasonable period of time, OPRA may stop the issuance of new UIC permits to Newfield until Newfield fully demonstrates Financial Responsibility for all Newfield injection wells currently operating under EPA UIC permits.

**Plugging and Abandonment:** The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluids into or between Underground Sources of Drinking Water (USDW). Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs; however, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. A minimum 50 ft. surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

Plug 1: Set a cast iron bridge plug (CIBP) no more than 50 ft. above the top perforation with a minimum of 20 ft. cement plug on top of the CIBP.

Plug 2: Perforate and squeeze cement up the backside of the 5-1/2" casing across the Trona Zone and the Mahogany Bench from approximately 3,265 to 3,424 ft. unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 160 foot balanced cement plug inside the 5-1/2" casing from approximately 3,265 to 3,424 ft.

Plug 3: Perforate and squeeze cement up the backside of the 5-1/2" casing across the contact between the Uinta Formation and Green River Formation at 1,774 ft., from approximately 1,714 to 1,834 ft., unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 120-foot cement plug inside the 5-1/2" casing from approximately 1,714 to 1,834 ft.

Plug 4: Perforate and squeeze cement up the 5-1/2" x 8-5/8" casing annulus to the surface unless pre-existing cement precludes cementing this interval. Set a Class "G" cement plug within the 5-1/2" casing, from a depth of 360 ft. to the surface.

An annotated diagram of the plugging and abandonment plan is attached.

## INJECTION WELL-SPECIFIC CONSIDERATIONS

Well Name: **Pariette Federal 13-24-8-17**

EPA Well ID Number: **UT20852-08839**

**Underground Sources of Drinking Water (USDWs):** USDWs in the Humpback Unit Area Permit generally occur within the Uinta Formation. According to "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found at approximately 100 ft. below ground surface in the Pariette Federal 13-24-8-17 well. Water samples from the Green River Formation taken in conjunction with oil production show that USDWs do occur at deeper depths within the Humpback unit and as deep as 6,026 ft. in the Balcron Monument Federal 33-25-8-17 well.

**Water Resources in the Area of Review:** According to the Utah Division of Water Rights (<http://nrwrt1.nr.state.ut.us>), there are no reservoirs, streams, domestic or agricultural water wells within a quarter (1/4) mile of the well.

**Composition of Source, Formation, and Injectate Water:** The Total Dissolved Solids (TDS) content of water produced from the Garden Gulch and Douglas Creek Members of the Green River Formation was determined to be 2,226 mg/l on February 19, 2010. Due to nearby injection activity for the purpose of enhanced oil recovery, this TDS value may not be representative of the original TDS content of formation waters at or near the Pariette Federal 13-24-8-17 well.

The TDS content of injectate was determined to be 2,897 mg/l on January 15, 2010. The injectate is water from a Boundary Field Injection Facility and consists of culinary water from the Johnson Water District blended with produced Green River Formation water resulting in a TDS content less than 10,000 mg/l.

The TDS of water produced from the proposed injection well is less than 10,000 mg/l. However EPA has evaluated additional data and information and has concluded that the original Green River formation water was saline prior to enhanced oil recovery water flooding. The weight of evidence supports the conclusion that the occasional water sample from this area showing less than 10,000 mg/l is not representative of original Green River formation water, and is attributed to injection of relatively freshwater during enhanced oil recovery operations. Because this freshening effect from water flood operations is considered by EPA to be a temporary, artificial condition, an aquifer exemption is not required for this proposed injection well.

**Aquifer Exemption:** An area-wide aquifer exemption issued with the original Humpback Area permit was modified on September 8, 2000 to include the Garden Gulch, Douglas Creek, and Basal Carbonate Members within the quarter-mile radius of the Pariette Federal 13-24-8-17 well.

**Confining Zone:** The Administrative Confining Zone was not logged with a Cement Bond log in the Pariette 13-24-8-17, and only 44 ft. of the Garden Gulch A Confining Zone was logged but had no 80% cement bond. The Garden Gulch B Confining Zone (4,355-4,449) was logged and did not show any 80% cement bond.

**Injection Zone:** The Injection Zone at this well location is approximately 2,045 ft. of multiple lenticular sand units interbedded with shale, marlstone and limestone from the top of the Garden Gulch-2 Member at 4,449 ft. to the top of the Wasatch Formation at 6,494 ft.. Formation tops are either submitted by the operator or are based on correlations to the Newfield Production Federal 1-26-8-17 (UT20702-04671) Type Log.

**Well Construction:** The Cement Bond Log (CBL) does not show a sufficient interval of continuous 80 percent or greater cement bond index through the Administrative, A or B Confining Zones. Therefore, further demonstration that well cement is adequate to prevent significant migration of injection fluids behind casing is required.

**Surface Casing:** 8-5/8" casing is set at 310 ft. in a 12-1/4" hole, using 230 sacks Class "G" cement, cemented to the surface.

**Longstring Casing:** 5-1/2" casing is set at 6,550 ft. in a 7-7/8" hole secured with 702 sacks of cement. Total driller depth is 6,625 ft. Plugged back total depth is 6,507 ft. Estimated CBL top of cement is 2,450 ft.

**Perforations:** Top perforation: 4,676 ft. Bottom perforation: 6,305 ft.

Additional information about this well may be found on the Utah state oil and gas website:  
<http://oilgas.ogm.utah.gov/>

**Basis for Initial MAIP Calculation:** The initial MAIP was calculated by EPA using the following input values for the fracture gradient and injectate specific gravity:

**Fracture Gradient:** A value of 0.585 psi/ft. was selected by EPA because it is the most conservative fracture gradient calculated for other nearby wells.

**Specific Gravity:** An injectate specific gravity of 1.015 was selected by EPA because this value is the maximum expected specific gravity of injectate for the Monument Butte Field.

## **AREA OF REVIEW (AOR) WELL REQUIREMENTS**

The following four wells that penetrate the confining zone within or proximate to a ¼-mile radius around the Pariette Federal 13-24-8-17 well were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs:

Pariette Federal 12-24-8-17	API: 43-047-32713	SWNW Sec. 24-T8S-R17E
Federal T-23-8-17	API: 43-047-39970	SESE Sec. 23-T8S-R17E

*Authorization for Additional Well: UIC Area Permit UT20852-00000  
Well: Pariette 13-24-8-17 EPA Well ID: UT20852-08839*

Pariette Federal 14-24-8-17                      API: 43-047-32645                      SWSW   Sec. 24-T8S-R17E

Pariette Federal 23-24-8-17                      API: 43-047-32710                      NESW   Sec. 24-T8S-R17E

**Monitoring Required on one AOR well:**

Federal T-23-8-17: Less than 18 feet of 80 percent bond cement across all three potential confining zones (4,066-4,225 ft), (4,324-4,414 ft.) and (4,418-4,530 ft.). Top of Cement (TOC) is at 440 ft.

**AOR Well Monitoring Plan:** The Federal T-23-8-17 well shall be monitored weekly at the surface for evidence of fluid movement out of the injection zone.

In addition, Newfield developed a monitoring program, effective July 10, 2008, entitled "Procedure related to proposed Class II Enhanced Oil Recovery Injection Wells determined by EPA to have specific Area of Review (AOR) wells with inadequate cement across the Confining Zone," The permittee is referred to this document. If possible fluid movement out of the Injection Zone is identified, either through the weekly monitoring, through Newfield's July 10, 2008, procedure described above, or through any other means (i.e., evidence of fluid flow or increased bradenhead annulus pressure readings), the permittee will shut in the Pariette Federal 13-24-8-17 well immediately and notify the Director. No injection into the Pariette Federal 13-24-8-17 well will be permitted until the Permittee has notified the Director that the situation has been resolved, submitted Well Rework Records (EPA Form No.7520-12) and a schematic diagram, and received authorization from the Director to re-commence injection.

**Corrective Action Not Required on three AOR wells:**

Well: Pariette Federal 12-24-8-17: This former injection well has a current successful Radioactive Tracer Survey (RTS) dated 7/14/06. Top of cement is 1,920 ft.

Well: Pariette Federal 14-24-8-17: This former injection well has a current successful RTS dated 7/14/06. Top of cement is 1,240 ft.

Well: Pariette Federal 23-24-8-17: Shows 148 ft. (4,008-4,156 ft.), 35 ft. (4,304-4,339 ft.) and 54 ft. (4,344-4,398 ft.) of 80 percent or greater cement bond. Top of cement is 1,850 ft.

**REPORTING REQUIREMENTS**

**Reporting of Noncompliance:**

- (a) Anticipated Noncompliance. The operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

- (b) Compliance Schedules. Reports of compliance or noncompliance with, or any progress on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than 30 days following each schedule date.
- (c) Written Notice of any noncompliance which may endanger health or the environment shall be reported to the Director within five days of the time the operator becomes aware of the noncompliance. The written notice shall contain a description of the noncompliance and its cause, the period of noncompliance including dates and times, if the noncompliance has not been corrected the anticipated time it is expected to continue, and steps taken or planned to prevent or reduce recurrence of the noncompliance.

**Twenty-Four Hour Noncompliance Reporting:** The operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided, either orally or by leaving a message, within twenty-four (24) hours from the time the operator becomes aware of the circumstances by telephoning 1-(800)-227-8917 and asking for the EPA Region 8 UIC Program Compliance and Enforcement Director, or by contacting the Region 8 Emergency Operations Center at (303)-293-1788, if calling from outside EPA Region 8. The following information shall be included in the verbal report:

- (a) Any monitoring or other information which indicates that any contaminant may cause an endangerment to an underground source of drinking water.
- (b) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

**Oil Spill and Chemical Release Reporting:** The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the National Response Center (NRC) 1-(800)-424-8802 or 1-(202)-267-2675, or through the NRC website at <http://www.nrc.uscg.mil/index.htm>

**Other Noncompliance:** The operator shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted.

**Other Information:** Where the operator becomes aware that he failed to submit any relevant facts in the Permit application, or submitted incorrect information in a Permit application, or in any report to the Director, the operator shall submit such correct facts or information within two weeks of the time such information became known.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-45431
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>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<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> PARIETTE FED 13-24	
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 4304732546000	
<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> 1745 FSL 0768 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 24 Township: 08.0S Range: 17.0E Meridian: S	<b>COUNTY:</b> UINTAH	
	<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/7/2012  <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"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" 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 type="checkbox"/> OTHER OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>The subject well has been converted from a producing oil well to an injection well on 06/04/2012. On 05/31/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 06/07/2012 the casing was pressured up to 1540 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 an EPA representative available to witness the test. EPA# UT20852-08839</p>		<p><b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 18, 2012</b></p>
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/12/2012	

## Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 6/7/12  
 Test conducted by: Karin Powell  
 Others present: \_\_\_\_\_

Well Name: <u>Pacette Fed. 13-24-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Manomet Bratt</u>		
Location: <u>NW/SE 13</u> Sec: <u>24</u> T <u>8</u> N <u>18</u> R <u>17</u> E W	County: <u>Uintah</u>	State: <u>Ut</u>
Operator: <u>Karin Powell</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test?     Yes     No  
 Initial test for permit?                 Yes     No  
 Test after well rework?                 Yes     No  
 Well injecting during test?             Yes     No      If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: 1540 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1540</u> psig	psig	psig
5 minutes	<u>1540</u> psig	psig	psig
10 minutes	<u>1540</u> psig	psig	psig
15 minutes	<u>1540</u> psig	psig	psig
20 minutes	<u>1540</u> psig	psig	psig
25 minutes	<u>1540</u> psig	psig	psig
30 minutes	<u>1540</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test?     Yes     No

### MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

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

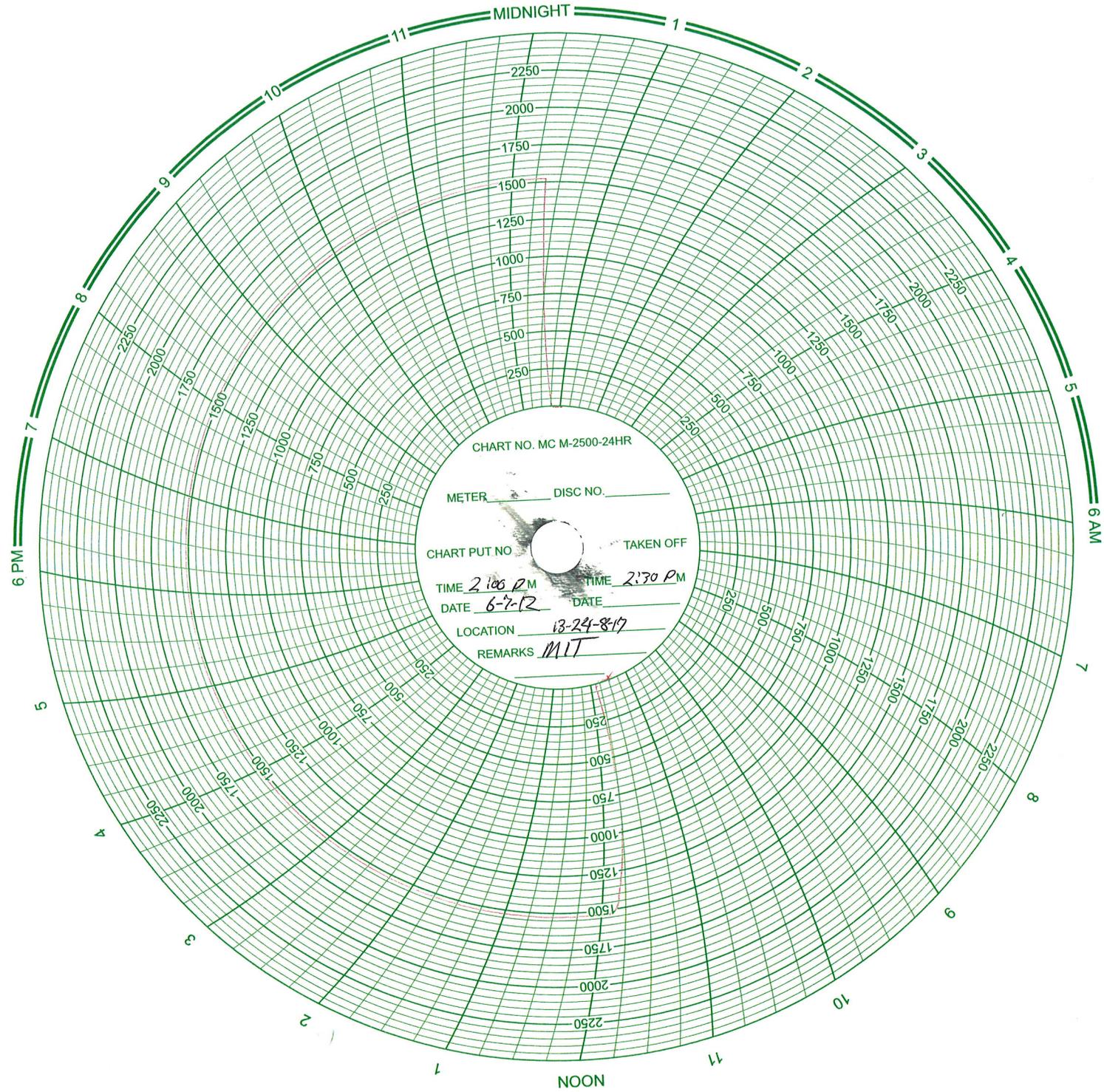


CHART NO. MC M-2500-24HR

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

CHART PUT NO. \_\_\_\_\_ TAKEN OFF \_\_\_\_\_

TIME 2:00 PM TIME 2:30 PM

DATE 6-7-12 DATE \_\_\_\_\_

LOCATION 13-24-8-17

REMARKS MIT

**Daily Activity Report****Format For Sundry****PARIETTE 13-24-8-17****3/1/2012 To 7/30/2012****5/31/2012 Day: 1****Conversion**

NC #1 on 5/31/2012 - MIRU NC#1, H/O Csg, U/S pmp, Flush Tbg, Seat pmp, Fill Tbg, P/Tst Tbg To 3500 Psi, Good Tst. U/S pmp, POOH L/D Rod Prod Strng, N/D Larkin Csg Flnge, N/U 5 1/2 B1 Csg Flnge, N/U BOP, SWI, C/SDFN. - 5:30AM 6:00AM C/Trvl, 6:00AM Move In NC#1. Wt On Benco To Pull Test & Set 1 Guy Line Anchor. R/U Rig, R/D Unit, BMW H/Oiler pmp 60 BW D/Csg, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-21 BW, P/Test Tbg To 3,500 Psi, Good Test. Unseat pmp, POOH L/D Rod Production String & pmp. Flushed Tbg W/-20 BW On TOOH Due To Oil. N/D Larkin 5 1/2 Csg Flnge, N/U 5 1/2X7 1/16 B1 Csg Flange. N/U BOP, SWI, 7:30PM C/SDFN, 7:30PM-8:00PM C/Trvl. - 5:30AM 6:00AM C/Trvl, 6:00AM Move In NC#1. Wt On Benco To Pull Test & Set 1 Guy Line Anchor. R/U Rig, R/D Unit, BMW H/Oiler pmp 60 BW D/Csg, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-21 BW, P/Test Tbg To 3,500 Psi, Good Test. Unseat pmp, POOH L/D Rod Production String & pmp. Flushed Tbg W/-20 BW On TOOH Due To Oil. N/D Larkin 5 1/2 Csg Flnge, N/U 5 1/2X7 1/16 B1 Csg Flange. N/U BOP, SWI, 7:30PM C/SDFN, 7:30PM-8:00PM C/Trvl. - 5:30AM 6:00AM C/Trvl, 6:00AM Move In NC#1. Wt On Benco To Pull Test & Set 1 Guy Line Anchor. R/U Rig, R/D Unit, BMW H/Oiler pmp 60 BW D/Csg, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-21 BW, P/Test Tbg To 3,500 Psi, Good Test. Unseat pmp, POOH L/D Rod Production String & pmp. Flushed Tbg W/-20 BW On TOOH Due To Oil. N/D Larkin 5 1/2 Csg Flnge, N/U 5 1/2X7 1/16 B1 Csg Flange. N/U BOP, SWI, 7:30PM C/SDFN, 7:30PM-8:00PM C/Trvl. **Finalized**

**Daily Cost: \$0****Cumulative Cost: \$9,370****6/1/2012 Day: 2****Conversion**

NC #1 on 6/1/2012 - POOH W/-153 Jts Tbg In Derrick Breaking & Redoping Tool Jts W/Liq O Ring, RIH W/Tbg Prod BHA, 154 Jts Tbg, pmp 25 BW Pad D/Tbg, Drop SV, Fill Tbg, P/Test Tbg To 3,000 Psi. Tbg Psi Did Not Stabilize, SWI, C/SDFN. - 5:30AM 6:00AM C/Trvl, 6:00AM, OWU, R/U R/Flr, T/A Was Not Set. POOH W/-154 Jts Tbg In Derrick Breaking Redoping Tool Jts W/-Liq O Ring, L/D 52 Jts Tbg, T/A, 2 Jts Tbg, S/N, 1 Jt Tbg, N/C On Float. Advantage H/Oiler Flush Tbg W/-20 BW On TOOH Due To Oil. P/U & RIH W/-2 3/8 Collar, 2 3/8 S/N, 2 3/8X2 7/8 XO, 5 1/2" Arrow #1 Pkr, On Off Tool, 154 Jts Tbg, R/U H/Oiler pmp 25 BW Pad D/Tbg, Drop SV, Fill Tbg W/-15 BW, P/Test Tbg To 3,000 Psi, Tbg Psi Never Stabilizd, SWI, 5:30PM C/SDFN, 5:30PM-6:00PM C/Trvl. - 5:30AM 6:00AM C/Trvl, 6:00AM, OWU, R/U R/Flr, T/A Was Not Set. POOH W/-154 Jts Tbg In Derrick Breaking Redoping Tool Jts W/-Liq O Ring, L/D 52 Jts Tbg, T/A, 2 Jts Tbg, S/N, 1 Jt Tbg, N/C On Float. Advantage H/Oiler Flush Tbg W/-20 BW On TOOH Due To Oil. P/U & RIH W/-2 3/8 Collar, 2 3/8 S/N, 2 3/8X2 7/8 XO, 5 1/2" Arrow #1 Pkr, On Off Tool, 154 Jts Tbg, R/U H/Oiler pmp 25 BW Pad D/Tbg, Drop SV, Fill Tbg W/-15 BW, P/Test Tbg To 3,000 Psi, Tbg Psi Never Stabilizd, SWI, 5:30PM C/SDFN, 5:30PM-6:00PM C/Trvl. - 5:30AM 6:00AM C/Trvl, 6:00AM, OWU, R/U R/Flr, T/A Was Not Set. POOH W/-154 Jts Tbg In Derrick Breaking Redoping Tool Jts W/-Liq O Ring, L/D 52 Jts Tbg, T/A, 2 Jts Tbg, S/N, 1 Jt Tbg, N/C On Float. Advantage H/Oiler Flush Tbg W/-20 BW On TOOH Due To Oil. P/U & RIH W/-2 3/8 Collar, 2 3/8 S/N, 2 3/8X2 7/8 XO, 5 1/2" Arrow #1 Pkr, On Off Tool, 154 Jts Tbg, R/U H/Oiler pmp 25 BW Pad D/Tbg, Drop SV, Fill Tbg W/-15 BW, P/Test Tbg To 3,000 Psi, Tbg Psi Never Stabilizd, SWI, 5:30PM C/SDFN, 5:30PM-6:00PM C/Trvl. **Finalized**

**Daily Cost: \$0****Cumulative Cost: \$17,441**

**6/4/2012 Day: 3**

**Conversion**

NC #1 on 6/4/2012 - Tbg Psi 3000 Psi Good Tst,N/D BOP,pmp Pkr Fluid D/Csg,Set Pkr,N/U W/HD,Fill Csg,P/Tst Csg To 1500 Psi,Good Tst,R/D Rig, Well Ready For MIT ( Final Rig Report ). - 5:30AM 6:00AM C/Trvl, 6:00AM , OWU 3,000 Psi On Tbg, Good Test .R/U S/Line Ovrshot RIH & Fish SV. R/D Rig Flr, N/D BOP, N/U W/-HD. BMW H/Oiler pmp 70 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD,Set Pkr In 15,000 Tension, N/U W/-HD. Fill Csg W/-35 BW. P/Test Csg To 1500 Psi, Good Test. R/D Rig, Move Rig To 12-19-4-1W, Well Ready For MIT ( Final Rig Report ). - 5:30AM 6:00AM C/Trvl, 6:00AM , OWU 3,000 Psi On Tbg, Good Test .R/U S/Line Ovrshot RIH & Fish SV. R/D Rig Flr, N/D BOP, N/U W/-HD. BMW H/Oiler pmp 70 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD,Set Pkr In 15,000 Tension, N/U W/-HD. Fill Csg W/-35 BW. P/Test Csg To 1500 Psi, Good Test. R/D Rig, Move Rig To 12-19-4-1W, Well Ready For MIT ( Final Rig Report ). - 5:30AM 6:00AM C/Trvl, 6:00AM , OWU 3,000 Psi On Tbg, Good Test .R/U S/Line Ovrshot RIH & Fish SV. R/D Rig Flr, N/D BOP, N/U W/-HD. BMW H/Oiler pmp 70 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD,Set Pkr In 15,000 Tension, N/U W/-HD. Fill Csg W/-35 BW. P/Test Csg To 1500 Psi, Good Test. R/D Rig, Move Rig To 12-19-4-1W, Well Ready For MIT ( Final Rig Report ). **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$35,996

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**6/7/2012 Day: 4**

**Conversion**

Rigless on 6/7/2012 - Conduct initial MIT - On 05/31/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 06/07/2012 the casing was pressured up to 1540 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 an EPA representative available to witness the test. EPA# UT20852-08839 - On 05/31/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 06/07/2012 the casing was pressured up to 1540 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 an EPA representative available to witness the test. EPA# UT20852-08839 - On 05/31/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 06/07/2012 the casing was pressured up to 1540 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 an EPA representative available to witness the test. EPA# UT20852-08839 **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$119,266

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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>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-45431
<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>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Water Injection Well	<b>8. WELL NAME and NUMBER:</b> PARIETTE FED 13-24
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43047325460000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1745 FSL 0768 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 24 Township: 08.0S Range: 17.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <b>7/13/2012</b>	<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 checked="" 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 1:20 PM on 07/13/2012. EPA # UT20852-08839

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 July 30, 2012

<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> 7/16/2012	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8

1595 Wynkoop Street  
DENVER, CO 80202-1129  
Phone 800-227-8917  
<http://www.epa.gov/region08>

JUL 06 2012

Ref: 8P-W-UIC

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

Mr. Reed Durfey  
District Manager  
Newfield Production Company  
Route 3 – Box 3630  
Myton, Utah 84052

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

RE: Underground Injection Control (UIC)  
Limited Authorization to Inject  
EPA UIC Permit UT20852-08839  
Well: Pariette Federal 13-24-8-17  
NWSW Sec. 24-T9S-R17E  
Uintah County, Utah  
API No.: 43-047-32546

**RECEIVED**  
**JUL 16 2012**  
DIV. OF OIL, GAS & MINING

Dear Mr. Durfey:

The U.S. Environmental Protection Agency Region 8 has received Newfield Production Company's (Newfield) June 11, 2012, letter with enclosures. The enclosed Part I (internal) Mechanical Integrity test, Well Rework Record (EPA Form 7520-12), schematic diagram and calculated pore pressure were reviewed and approved by the EPA, satisfactorily completing all Prior to Commencing Injection Requirements for UIC Permit UT20852-08839.

As of the date of this letter, Newfield is authorized to commence injection into the Pariette Federal 13-24-8-17 well at a Maximum Allowable Injection Pressure (MAIP) of 680 psig for a limited period of 180 days during which time a Radioactive Tracer Survey (RTS) is required according to UIC Permit UT20852-08839. If Newfield seeks a higher MAIP than 680 psig, it may be advantageous to run a step rate test prior to conducting the RTS because a RTS conducted at the higher MAIP will be required. Newfield must receive prior authorization from the Director to inject at pressures greater than the permitted MAIP during any test.

Please remember that it is Newfield's responsibility to be aware of and to comply with all conditions of Permit UT20852-08839.

If you have questions regarding the above action, please call Emmett Schmitz at (303) 312-6174 or (800) 227-8917, extension 312-6174. The RTS log, with interpretation, should be mailed to Jason Deardorff at the letterhead address, citing mail code 8P-W-UIC.

Sincerely,



Callie A. Videtich  
Acting Assistant Regional Administrator  
Office of Partnerships and Regulatory Assistance

cc: Uintah & Ouray Business Committee:

Irene Cuch, Chairman  
Richard Jenks Jr., Councilman  
Frances Poowegup, Councilwoman  
Ronald Wopsock, Vice-Chairman  
Phillip Chimburas, Councilman  
Stewart Pike, Councilman

Daniel Picard  
BIA - Uintah & Ouray Indian Agency

Mike Natchees  
Environmental Coordinator  
Ute Indian Tribe

Manual Myore  
Director of Energy & Minerals Dept.  
Ute Indian Tribe

Brad Hill  
Acting Associate Director  
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office  
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst  
Newfield Production Company

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-45431	
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		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)	
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<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> 1745 FSL 0768 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 24 Township: 08.0S Range: 17.0E Meridian: S	<b>COUNTY:</b> UINTAH		
		<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/30/2012  <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 type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input checked="" type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input 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="Workover MIT"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
<p>The above subject well had workover procedures performed (tubing leak), attached is a daily status report. On 11/29/2012 Sarah Roberts with the EPA was contacted concerning the MIT on the above listed well. On 11/30/2012 the csg was pressured up to 1530 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 an EPA representative available to witness the test. EPA</p> <p style="text-align: center;">#UT20852-08839</p>			
		<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 12, 2012</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> 12/5/2012	

## Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 11/30/12  
 Test conducted by: Dale Giles  
 Others present: \_\_\_\_\_

Well Name: <u>Pariette Fed 13-24-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>NW/SW</u> Sec: <u>24</u> T <u>8</u> N <u>(S)</u> R <u>17</u> E/W	County: <u>Grant</u>	State: <u>UT</u>
Operator: <u>Newfield Production Co.</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test?     Yes     No  
 Initial test for permit?                 Yes     No  
 Test after well rework?                 Yes     No  
 Well injecting during test?             Yes     No      If Yes, rate: \_\_\_\_\_ bpd

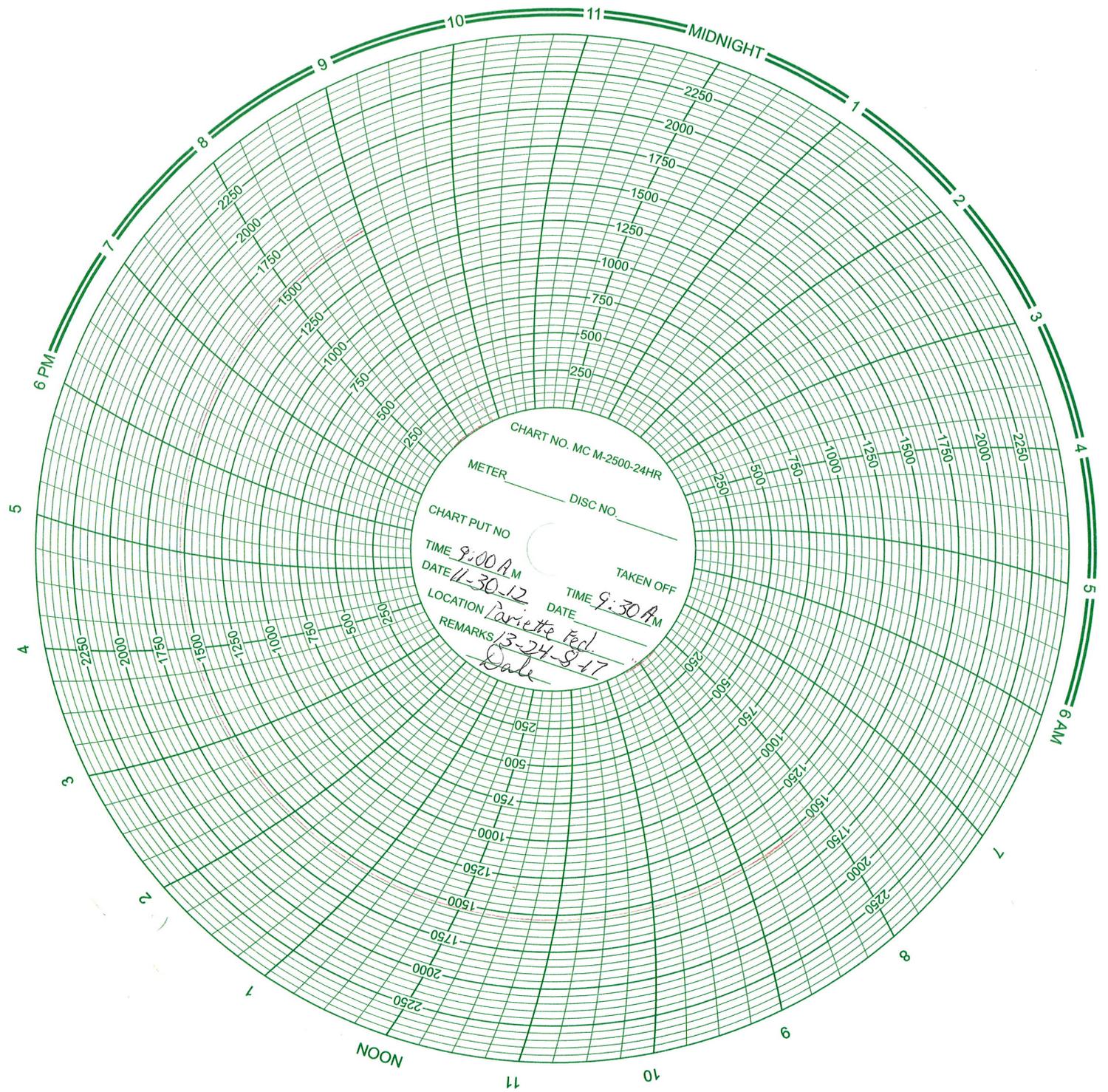
Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1530</u> psig	psig	psig
5 minutes	<u>1530</u> psig	psig	psig
10 minutes	<u>1530</u> psig	psig	psig
15 minutes	<u>1530</u> psig	psig	psig
20 minutes	<u>1530</u> psig	psig	psig
25 minutes	<u>1530</u> psig	psig	psig
30 minutes	<u>1530</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test?     Yes     No

### MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:



## Daily Activity Report

Format For Sundry

**PARIETTE 13-24-8-17**

**9/1/2012 To 1/30/2013**

**11/27/2012 Day: 1**

**Tubing Leak**

WWS #3 on 11/27/2012 - Test tubing. - Crewtravel + saftey meeting. LOAM from 12-24-9-16 to 13-24-8-17. Wait on injection bld to be removed. MIRU wait on flowback tanks + water. Bleed down well. Wait on flowback tank + water bleed. Down well wait on trash pump j-off pkr. Pump 20 bbls @ 250 pump 25 bbls. Cold drop sv Pump 15 bbls. Did not press up ru sv run in hole w/wt bar stack out @ 2600 work down hole to psn @ 4647 Ru, Hot oiler pump 15bbls did not press up latch on to pkr tooh w/4 jts tbg came wet press well up to 3000. Let pkr relax chk tbg in am. Crew travel. - Crewtravel + saftey meeting. LOAM from 12-24-9-16 to 13-24-8-17. Wait on injection bld to be removed. MIRU wait on flowback tanks + water. Bleed down well. Wait on flowback tank + water bleed. Down well wait on trash pump j-off pkr. Pump 20 bbls @ 250 pump 25 bbls. Cold drop sv Pump 15 bbls. Did not press up ru sv run in hole w/wt bar stack out @ 2600 work down hole to psn @ 4647 Ru, Hot oiler pump 15bbls did not press up latch on to pkr tooh w/4 jts tbg came wet press well up to 3000. Let pkr relax chk tbg in am. Crew travel. - Crewtravel + saftey meeting. LOAM from 12-24-9-16 to 13-24-8-17. Wait on injection bld to be removed. MIRU wait on flowback tanks + water. Bleed down well. Wait on flowback tank + water bleed. Down well wait on trash pump j-off pkr. Pump 20 bbls @ 250 pump 25 bbls. Cold drop sv Pump 15 bbls. Did not press up ru sv run in hole w/wt bar stack out @ 2600 work down hole to psn @ 4647 Ru, Hot oiler pump 15bbls did not press up latch on to pkr tooh w/4 jts tbg came wet press well up to 3000. Let pkr relax chk tbg in am. Crew travel. - Crewtravel + saftey meeting. LOAM from 12-24-9-16 to 13-24-8-17. Wait on injection bld to be removed. MIRU wait on flowback tanks + water. Bleed down well. Wait on flowback tank + water bleed. Down well wait on trash pump j-off pkr. Pump 20 bbls @ 250 pump 25 bbls. Cold drop sv Pump 15 bbls. Did not press up ru sv run in hole w/wt bar stack out @ 2600 work down hole to psn @ 4647 Ru, Hot oiler pump 15bbls did not press up latch on to pkr tooh w/4 jts tbg came wet press well up to 3000. Let pkr relax chk tbg in am. Crew travel. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$6,652

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**11/28/2012 Day: 2**

**Tubing Leak**

WWS #3 on 11/28/2012 - Test tubing - crew travel, + safety mtg. thaw out wellhead, check press on tbg, 3000 psi, good test. Bleed down well, fish sv nipple, unable to unseat sv, work sv while circ down csg unseat sv. Rd sl tooh w tlc + pkr as, ld pkr, put TIH w/x-n nipple. 2-3/8 pup jt, new b-grade pupm 10 bbls, pad, drop sv pupm 35 bbls did not catch press, ru sl push sv to psn, press tbg to 3150. get good test. Fish sv nd BOPs land tbg w/injection tree pupm fresh water + pkr fluid in the am CWI @ 5:30. Crew travel. - crew travel, + safety mtg. thaw out wellhead, check press on tbg, 3000 psi, good test. Bleed down well, fish sv nipple, unable to unseat sv, work sv while circ down csg unseat sv. Rd sl tooh w tlc + pkr as, ld pkr, put TIH w/x-n nipple. 2-3/8 pup jt, new b-grade pupm 10 bbls, pad, drop sv pupm 35 bbls did not catch press, ru sl push sv to psn, press tbg to 3150. get good test. Fish sv nd BOPs land tbg w/injection tree pupm fresh water + pkr fluid in the am CWI @ 5:30. Crew travel. - crew travel, + safety mtg. thaw out wellhead, check press on tbg, 3000 psi, good test. Bleed down well, fish sv nipple, unable to unseat sv, work sv while circ down csg unseat sv. Rd sl tooh w tlc + pkr as, ld pkr, put TIH w/x-n nipple. 2-3/8 pup jt, new b-grade pupm 10 bbls, pad, drop sv pupm 35 bbls did not catch press, ru sl push sv to psn, press tbg to 3150. get good test. Fish sv nd BOPs land tbg w/injection tree pupm fresh water + pkr fluid in the am CWI @ 5:30. Crew travel. - crew travel, + safety mtg. thaw out wellhead, check press on tbg, 3000 psi,

good test. Bleed down well, fish sv nipple, unable to unseat sv, work sv while circ down csg unseat sv. Rd sl tooh w tlc + pkr as, ld pkr, put TIH w/x-n nipple. 2-3/8 pup jt, new b-grade pupm 10 bbbls, pad, drop sv pupm 35 bbbls did not catch press, ru sl push sv to psn, press tbg to 3150. get good test. Fish sv nd BOPs land tbg w/injection tree pupm fresh water + pkr fluid in the am CWI @ 5:30. Crew travel. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$22,647

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**11/29/2012 Day: 3**

**Tubing Leak**

WWS #3 on 11/29/2012 - Casing test, good test - crew travel + Safety meeting. Waiting on fresh water. Pump 75 bbbls of fresh water + pkr fluid. Set AS1 pkr w/5000 trnsion Nu 3000 injection tree w/ psn @ 6447.3 pkr ce @ 4653.5 Eot @ 4463.47. Pressure upcsg to 1600 PSI, get good test. RD MO. Crew travel. - crew travel + Safety meeting. Waiting on fresh water. Pump 75 bbbls of fresh water + pkr fluid. Set AS1 pkr w/5000 trnsion Nu 3000 injection tree w/ psn @ 6447.3 pkr ce @ 4653.5 Eot @ 4463.47. Pressure upcsg to 1600 PSI, get good test. RD MO. Crew travel. - crew travel + Safety meeting. Waiting on fresh water. Pump 75 bbbls of fresh water + pkr fluid. Set AS1 pkr w/5000 trnsion Nu 3000 injection tree w/ psn @ 6447.3 pkr ce @ 4653.5 Eot @ 4463.47. Pressure upcsg to 1600 PSI, get good test. RD MO. Crew travel. - crew travel + Safety meeting. Waiting on fresh water. Pump 75 bbbls of fresh water + pkr fluid. Set AS1 pkr w/5000 trnsion Nu 3000 injection tree w/ psn @ 6447.3 pkr ce @ 4653.5 Eot @ 4463.47. Pressure upcsg to 1600 PSI, get good test. RD MO. Crew travel.

**Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$37,332

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**12/3/2012 Day: 4**

**Tubing Leak**

Rigless on 12/3/2012 - Conduct MIT - On 11/29/2012 Sarah Roberts with the EPA was contacted concerning the MIT on the above listed well. On 11/30/2012 the csg was pressured up to 1530 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 an EPA representative available to witness the test. EPA #UT20852-08839 - On 11/29/2012 Sarah Roberts with the EPA was contacted concerning the MIT on the above listed well. On 11/30/2012 the csg was pressured up to 1530 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 an EPA representative available to witness the test. EPA #UT20852-08839 - On 11/29/2012 Sarah Roberts with the EPA was contacted concerning the MIT on the above listed well. On 11/30/2012 the csg was pressured up to 1530 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 an EPA representative available to witness the test. EPA #UT20852-08839 - On 11/29/2012 Sarah Roberts with the EPA was contacted concerning the MIT on the above listed well. On 11/30/2012 the csg was pressured up to 1530 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 an EPA representative available to witness the test. EPA #UT20852-08839 **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$38,232

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

Spud Date: 11/5/94  
 Put on Production: 12/7/94  
 GL: 5018' KB: 5028'

# Pariette Federal 13-24-8-17

Initial Production: 55 BOPD  
 65 MCFPD, 0 BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (302.9')  
 DEPTH LANDED: 310' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 230 sxs Class "G" cement Returns to surface.

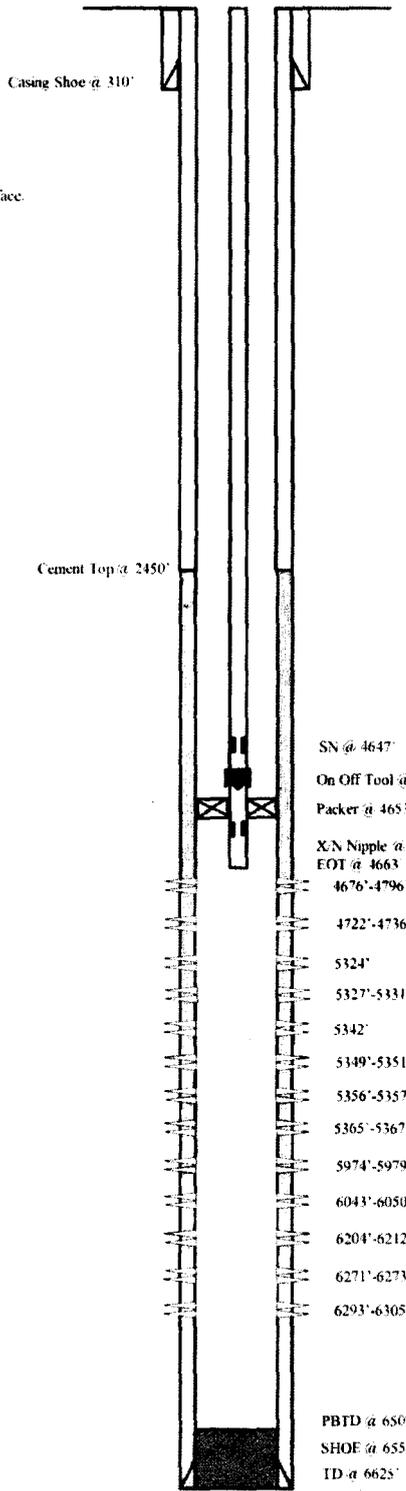
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5'  
 LENGTH: 159 jts  
 DEPTH LANDED: 6550'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 132 sxs Super G & 570 sxs 50/50 Poz  
 CEMENT TOP AT: 2450'

### TUBING

SIZE GRADE/WT: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 154 jts (4635.6')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4643' KB  
 ON-OFF TOOL: 4-1/2" (1.5) @ 4648.1'  
 ARROW #1 PKR CE @ 4653.5'  
 2-3/8x2-7/8 XO (0.5) @ 4657.1'  
 X'N NIPPLE AT: 4661.8'  
 TOTAL STRING LENGTH: 4663' KB

### Injection Wellbore Diagram



### FRAC JOB

11-24-94 5324'-5367' Frac sand as follows:  
 98,800# 20/40 sand in 745 bbl water.  
 Breakdown @ 4450 psi. Treated w/avg press  
 of 2760 psi w/avg rate of 7 BPM. ISIP-1600  
 psi. Calc. flush: 5324 gal. Actual flush: 5300  
 gal.

4-9-95 4722'-4736' Frac sand as follows:  
 60,000# 20/40 sand in 21,200 gal water  
 Breakdown @ 1300 psi. Treated w/avg press  
 of 1800 psi w/avg rate of 26 BPM. ISIP-1960  
 psi. Calc. flush: 4722 gal. Actual flush: 4700  
 gal.

10/4/02 6204'-6305' Frac CP 4.5 sands as follows:  
 58,372# 20/40 sand in 471 bbls Viking I-25  
 fluid. Treated @ avg press of 4940 psi w/avg  
 rate of 19.8 BPM. ISIP 2450 psi. Calc flush:  
 5974 gal. Actual flush: 1512 gal.

10/4/02 5974'-6050' Frac CP .5,2 sands as follows:  
 33,511# 20/40 sand in 290 bbls Viking I-25  
 fluid. Treated @ avg press of 4375 psi w/avg  
 rate of 20 BPM. ISIP 1895 psi. Calc flush:  
 5974 gal. Actual flush: 1428 gal.

06/14/03 Tubing Leak. Update rod and tubing details

10/14/04 4676'-4696' Frac GB6 sands as follows:  
 100,335# 20/40 sand in 712 bbls Lightning 17  
 fluid. Treated @ avg press of 1902 psi w/avg  
 rate of 24.6 BPM. ISIP 1800 psi. Calc flush:  
 4674 gal. Actual flush: 4465 gal.

03/05/07 Parted Rods. Rod & Tubing detail updated

2/12/09 Pump Change. Updated r & t details.

02/22/11 Parted Rods. Rod & tubing detail uprd

06/04/12 Convert to Injection Well

06/07/12 Conversion MIT Finalized - update tbg  
 detail

11/30/12 Workover MIT Finalized - Tbg Leak -  
 update tbg detail

### PERFORATION RECORD

Date	Interval	JSPF	Holes
11-23-94	5324'	1 JSPF	1 hole
11-23-94	5327'-5331'	1 JSPF	4 holes
11-23-94	5342'	1 JSPF	1 hole
11-23-94	5349'-5351'	1 JSPF	2 holes
11-23-94	5356'-5357'	2 JSPF	2 holes
11-23-94	5365'-5367'	2 JSPF	4 holes
04-09-95	4722'-4736'	2 JSPF	28 holes
10-03-02	6293'-6305'	4 JSPF	48 holes
10-03-02	6271'-6273'	4 JSPF	8 holes
10-03-02	6204'-6212'	4 JSPF	32 holes
10-03-02	6043'-6050'	4 JSPF	28 holes
10-03-02	5974'-5979'	4 JSPF	20 holes
10-13-04	4676'-4696'	2 JSPF	40 holes

**NEWFIELD**

Pariette Federal 13-24-8-17  
 1745 FSL & 768 FWL  
 NW/ SW Section 24-T8S-R17E  
 Uintah Co, Utah  
 API #43-047-32546; Lease #UTU-45431