

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL       DEEPEN       PLUG BACK

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

2. NAME OF OPERATOR  
 DIAMOND SHAMROCK CORPORATION

3. ADDRESS OF OPERATOR  
 Drawer E. Vernal, UT 84078 801-789-5270

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface  
 652' FWL 801' FSL Section 4, T9S, R17E, S.L.B. & M.  
 At proposed prod. zone  
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 15.1 miles Southwest of Myton, UT

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)      652'

16. NO. OF ACRES IN LEASE      1295.31

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.      N/A

19. PROPOSED DEPTH      5900'

20. ROTARY OR CABLE TOOLS      Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5245'

22. APPROX. DATE WORK WILL START\*  
 A.S.A.P.

5. LEASE DESIGNATION AND SERIAL NO.  
 #U-7978

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
 Pauite

8. FARM OR LEASE NAME

9. WELL NO.  
 #14-4

10. FIELD AND POOL, OR WILDCAT  
 Field UNDESIGNATED

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 4, T9S, R17E, S.L.B.

12. COUNTY OR PARISH      13. STATE  
 Duchesne      Utah

SWSW

BLACK SHALE

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	8 5/8"	32# K-55	250'	Circulate to surface
7 7/8"	5 1/2"	15.5# K-55	T.D. 5900'	Circulate to surface

Drill 12 1/2" hole to approximately 250' set 8 5/8" casing, set up BOP as required and pressure test. Drill 7 7/8" hole to approximately 5900' if production found feasible set 5 1/2" production casing.

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

DATE: \_\_\_\_\_  
BY: \_\_\_\_\_

RECEIVED  
JUN 17 1982

DIVISION OF  
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Bruce E. Smith TITLE District Superintendent DATE 11 June 1982

(This space for Federal or State office use)

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

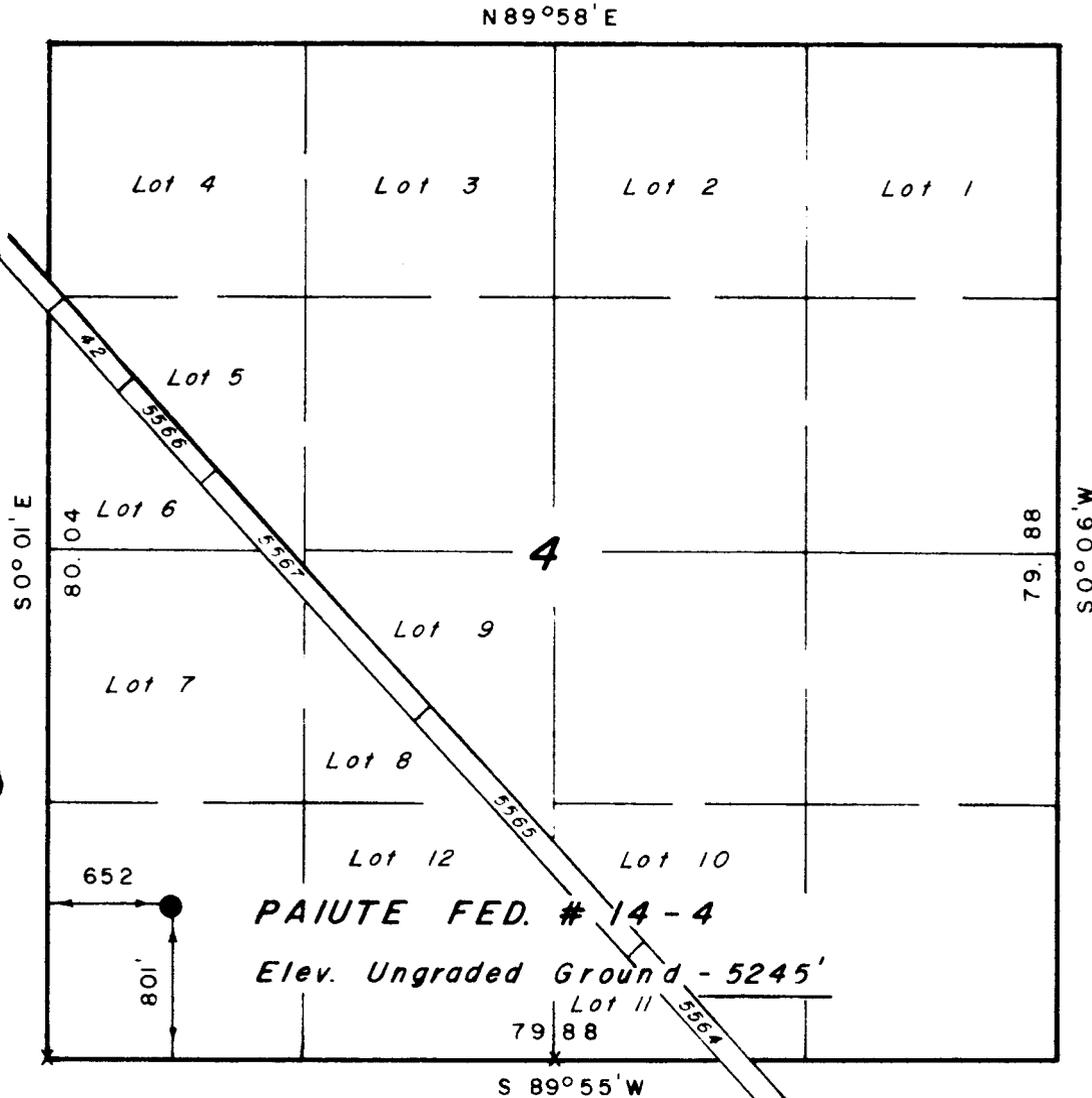
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

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

PROJECT

DIAMOND SHAMROCK CORP.

Well location, PAIUTE FED.  
# 14 - 4, located as shown in the  
SW 1/4 SW 1/4 Section 4, T 9 S,  
R 17 E, S.L.B. & M. Duchesne County,  
Utah.



CERTIFICATE

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

*John Sweet*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO 3154  
STATE OF UTAH

X = Section Corners Located

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

SCALE	1" = 1000'	DATE	6 / 2 / 82
PARTY	RT. M.D. S.B.	REFERENCES	GLO Plat
WEATHER	Clear, Windy, Cool	FILE	DIAMOND SHAMROCK



UNITED STATES MANAGEMENT SERVICE  
DEPARTMENT OF THE INTERIOR AS OPERATIONS RECEIVED  
GEOLOGICAL SURVEY

(Other instructions on reverse side)

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 At proposed prod. zone  
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SIGNED Brian Elliott TITLE District Superintendent DATE 11 June 1982

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ FOR APPROVAL DATE \_\_\_\_\_  
 APPROVED BY [Signature] TITLE DISTRICT OIL & GAS SUPERVISOR DATE AUG 6 1982

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

\*See Instructions On Reverse Side

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

United States Department of the Interior  
Minerals Management Service  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104-3884

MINERALS MANAGEMENT SERVICE  
OIL & GAS OPERATIONS  
RECEIVED  
JUL 6 1982  
SALT LAKE CITY, UTAH

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Diamond Shamrock Corporation  
Project Type Oil Well  
Project Location 652' FWL 801' FSL Section 4, T9S, R17E  
Well No. 14-4 Lease No. U-7978  
Date Project Submitted June 17, 1982

FIELD INSPECTION Date June 25, 1982

Field Inspection Participants  
Greg Darlington - MMS, Vernal  
Gary Slagel - BLM, Vernal  
Bill Elliott - Diamond Shamrock  
Gene Stewart - Vintah Engineering  
Floyd Murray - D. E. Casada

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

July 2, 1982  
Date Prepared

Gregory Darlington  
Environmental Scientist

I concur

JUL 06 1982  
JUL 06 1982  
Date

W.P. Mouton  
FOR E. W. GUYNN  
DISTRICT OIL & GAS SUPERVISOR  
District Supervisor

### Proposed Actions :

Diamond Shamrock plan to drill the Paule Federal #14-4 well, a 5900' oil test of various formations.

A new access road of approximately 2600 feet will be required to reach the location. A pad 135' by 325' and a reserve pit 75' by 150' are planned for the location. The access road crosses rocky terrain and the location is at a fairly level spot with rocky ridges to the West and East.

### Recommended Approval Conditions :

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD :

1. BLM stipulations
2. Lease stipulations
3. Provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.

FIELD NOTES SHEET

Date of Field Inspection: June 25, 1982

Well No.: 14-4

Lease No.: V-7978

Approve Location: ✓

Approve Access Road: ✓

Modify Location or Access Road: a difficult .5 mile access road. looked pretty good as staked. difficult terrain involved. best location available for about 500' in any direction.

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography) Good location rugged rockpiles

all around it and much of the access road is on  
flat rocky surface.

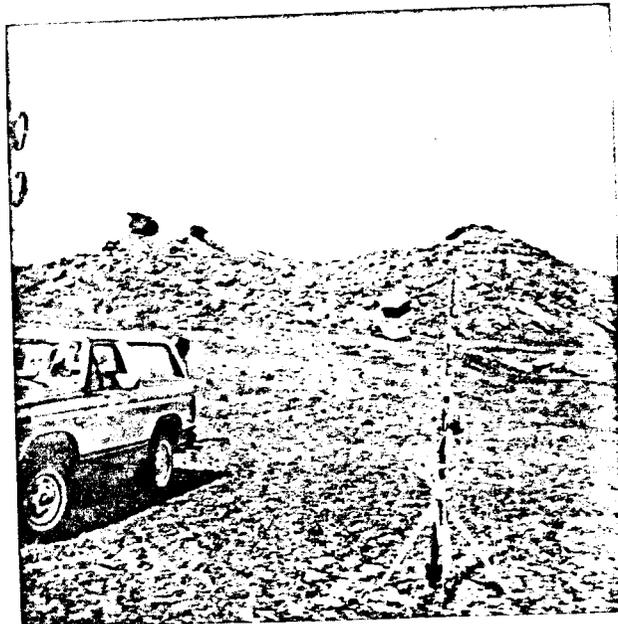
Old Silsonite quarries are located ~~to~~ in the  
near vicinity.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
Public health and safety							1, 2, 4, 6	June 25 1982	
Unique charac- teristics							1, 2, 4, 6		
Environmentally controversial							1, 2, 4, 6		
Uncertain and unknown risks							1, 2, 4, 6		
Establishes precedents							1, 2, 4, 6		
Cumulatively significant							1, 2, 4, 6		
National Register historic places							1, 6		
Endangered/ threatened species							1, 6		
Violate Federal, State, local, tribal law							1, 2, 4, 6		

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey (Conservation Division, Geological Division, Water Resource Division, Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *Onsite Requirements other than the Items 1-7.*



West View  
Diamond Shamrock 14-4



# United States Department of the Interior

IN REPLY REFER TO

T & R  
U-801

BUREAU OF LAND MANAGEMENT

VERNAL DISTRICT OFFICE  
170 South 500 East  
Vernal, Utah 84078

June 29, 1982

Ed Guynn, District Engineer  
Minerals Management Service  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104



Re: Joint Onsite Inspection  
Diamond Shamrock Corporation  
T9S, R17E, Sec. 4: Paiute #14-4,  
Paiute #32-4, Cotton Federal #44-4  
T9S, R17E, Sec. 8: Paiute #24-8.

Dear Mr. Guynn:

On June 25, 1982, a joint onsite inspection was made of the above referenced well site locations and proposed access roads by people representing Diamond Shamrock, Casada Construction, MMS, and the BLM. We feel that the surface use and operating plans are adequate with the following stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes shall be in accordance with the surface use standards as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration and Development."
2. The maximum width of access roads will be 30 feet total disturbed area. Turnouts will not be required and traveling off the right-of-way will not be allowed.
3. Topsoil will be stockpiled as addressed in the applicants 13 Point Plan. Our office recommends the top 6-10 inches of topsoil material be stockpiled.
4. The BLM will be notified at least 24 hours prior to any construction.
5. The BLM will be notified at least 24 hours prior to any rehabilitation.
6. A burn pit will not be constructed. There will be no burying of garbage or trash at the location. No trash will be thrown in the reserve pit. All trash must be contained and hauled to the nearest sanitary landfill.
7. All permanent (on site for six (6) months duration or longer) structures constructed or installed, including the pumpjack, shall be painted a flat, non-reflective, earth tone color to match Tnemec 23-08351 Mesa Brown Endura-tone or an approved equal. All facilities shall be painted 6 months of

when the production facilities are put in place, facilities that are required to comply with OSHA (Occupational Safety and Health Act) standards are excluded.

8. Reserve pits will be fenced with a wire mesh fence topped with at least one strand of barbed wire.
9. At Paiute #24-8, the access road will enter the location at corner 8.

An archaeological clearance has been conducted by Archaeological-Environmental Research Corporation of the proposed drill sites and access roads. No cultural materials were located on the surface of the survey areas.

The proposed activities do not jeopardize listed, threatened and endangered flora/fauna or their habitats.

Sincerely,

*Byron K. Tolman acting*

Ralph J. Heft  
Area Manager  
Diamond Mountain Resource Area

cc: USGS, Vernal

1. GEOLOGICAL NAME OF SURFACE FORMATION

(A) Uintah Formation of Eocene Age

2. TOPS OF IMPORTANT GEOLOGICAL MARKERS

(A) Top Oil Shale	1552'
(B) Horsebench Sand	2248'
(C) Base Oil Shale	3144'
(D) Garden Gulch MBR	3686'
(E) Douglas Creek MBR	4622'
(F) Douglas Creek V Sand	4694'
(G) Douglas Creek III Sand	5248'
(H) Douglas Creek I Sand	3144'
(I) Upper Clack Shale	5287'
(J) Wastach Tongue MBR	5494'
(K) Wastach Tongue III	5532'
(L) Wastach Tongue I Sand	5734'
(M) Lower Black Shale	5801'
(N) TD	5900'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL OR GAS

(A) Oil Anticipated in Douglas Creek V Sand, Douglas Creek III Sand, Douglas Creek I Sand, Wastach Tongue III Sand

4. PROPOSED CASING PROGRAM

(A) 250' of 8 5/8" surface casing 32# per foot.  
5700' of 5 1/2" 15.5 per foot. (K-55)

5. SPECIFICATION FOR PRESSURE CONTROL EQUIPMENT

(A) 12 inch 3000# Double Hydraulic B.O.P. with pipe rams and Blind rams and Spherical B.O.P.

(B) B.O.P. to be pressure tested before spudding and daily testing of closing units and rams while drilling

6. PROPOSED CIRCULATING MEDIUM

(A) Brine water is proposed to be used unless additional weight is needed to control pressures or heaving shale. In this event a chemical - gel fresh water mud will be used and Barite as needed to control pressure.

7. AUXILIARY EQUIPMENT TO BE USED

(A) Upper Kelly

(B) Float at bit

(C) Floor T.I.W. Valve (stabbing valve) for drill pipe

(D) Gas detector logging unit

8. TESTING, LOGGING AND CORING PROGRAM

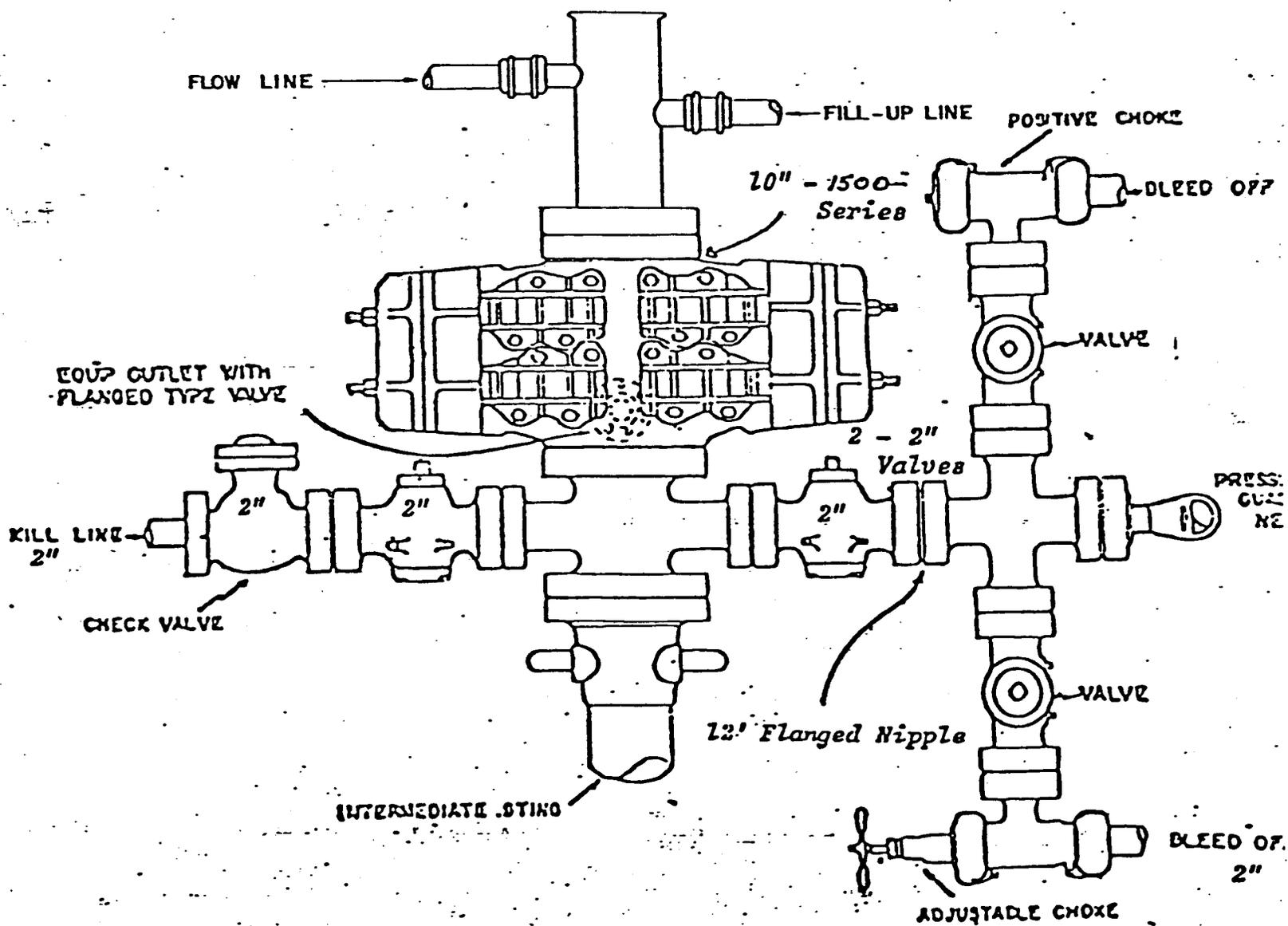
- (A) DIL-SFL Base of surface casing T.D.
- (B) GR-FDC-CNL Base of surface casing T.D.
- (C) Cyberlook - Base of surface casing T.D.
- (D) BHC-Sonic - Base of surface casing T.D.

9. ANTICIPATED ABNORMAL PRESSURES, TEMPERATURES OF HAZARDS

- (A) No abnormal pressures expected
- (B) No hydrogen sulfide gas expected

10. STARTING DATE AND DURATION OF OPERATIONS

- (A) Anticipated starting date as soon as approvals are made. July 1, 1982
- (B) This well is anticipated to be drilled in approximately 30 days.



NOTE: BLOWOUT PREVENTER HAS DOUBLE RAMS;  
 ONE BLIND AND ONE PIPE RAM.

Disq. A

DIAMOND SHAMROCK CORPORATION

13 Point Surface Use Plan

Well Location

Paiute Federal #14-4

Located In

Section 4, T9S, R17E, S.L.B. & M.

Duchesne County, Utah

DIAMOND SHAMROCK CORPORATION  
Paiute Federal #14-4  
Section 4, T9S, R17E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach DIAMOND SHAMROCK CORPORATION, well location site Paiute Federal #14-4, located in the SW 1/4 SW 1/4 Section 4, T9S, R17E, S.L.B. & M., Duchesne County, Utah:

Proceed Westerly out of Myton, Utah along U.S. Highway 10 - 1.4 miles + to the junction of this Highway and Utah State Highway 53; proceed Southerly along Utah State Highway 53 - 1.6 miles to its junction with Utah State Highway 216; proceed Southerly along State Highway 216 - 12.1 miles to its junction with an existing dirt road to the Southwest proceed Southwesterly along this road 0.7 miles to the beginning of the proposed access road to be described in Item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exits to the South; thereafter the road is constructed with existing materials and gravels. The Highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt road will require upgrading which will meet the requirements of Item #2.

The roads that are required for access during the drilling phase, completion phase, and production phase, of this well will be maintained at the standards required by the B.L.M. or other controlling agencies. This maintenance will consist of some minor grader work for smoothing of road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned access road leaves the existing road described in Item #1 in the SW 1/4 NW 1/4 Section 9, T9S, R17E, S.L.B. & M., and proceeds in a Northerly direction approximately 0.5 miles to the proposed location site.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

There will be no culverts required along this access road.

There will be no turnouts required along this road.

There are no fences encountered along this access road therefore there are no gates or cattleguards required.

The lands involved in this action are under B.L.M. jurisdiction.

The terrain that is traversed by this road is relatively flat. The grade of this road will not exceed 8%.

3. LOCATION OF EXISTING WELLS

See Topographic Map "B".

There are 2 known producing wells within a one mile radius of the proposed locations site.

There are no known water wells, abandoned wells, drilling wells, shut-in wells for observation or for other resources within a one mile radius.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

There are existing production facilities belonging to DIAMOND SHAMROCK CORPORATION within a one mile radius.

A tank battery site will be set at the proposed location site. This battery will be used to contain production from this well. If in the event this battery can not be improvised, a flowline will be built which will extend to existing facilities in the area.

The area will be built if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources. These facilities will be constructed using bulldozers, graders and workman crews to construct and place the proposed facilities. If there is any deviation from the above, all appropriate agencies will be notified. Rehabilitation of disturbed areas no longer needed for operation after construction is completed will meet the requirements of Item #10.

5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "B".

At the present time, it is anticipated that the water for this well will be hauled by truck over the existing roads and the proposed access road approximately 15.1 miles from the Duchesne River at a point where it crosses under U.S. Highway 40.

In the event that this source is not used, an alternate source will be used and all necessary arrangements will be made with the proper authorities.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

The reserve pit will vary in size and depth according to the water table at the time of drilling.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals and produced fluids, etc.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed if deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and other reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

A portable toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.L.M. Representative shall be notified before any construction begins on the proposed location site.

DIAMOND SHAMROCK CORPORATION  
Paiute Federal #14-4  
Section 4, T9S, R17E, S.L.B. & M.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

#### 10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest Sanitary Landfill.

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. Representative when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

#### 11. OTHER INFORMATION

##### The Topography of the General Area - (See Topographic Map "A")

The area is a large basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The Duchesne River is located approximately 10 miles to the North of the location site.

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

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

DIAMOND SHAMROCK CORPORATION  
Paiute Federal #14-4  
Section 4, T9S, R17E, S.L.B.& M.

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

The topsoils in the area range from a light brownish-gray sandy clay (SM-ML) type soil with poorly graded gravels to a clayey (OL) soil.

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

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area are common of the semi-arid regions and consists of areas of sagebrush, rabbitbrush, some grasses and cacti as the primary flora. This is also true of the lower elevations.

The fauna of the area is sparse and consists predominantly of the mule deer, pronghorn antelope, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents. The area is used by man for the primary purpose of grazing domestic sheep and cattle.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The Topography of the Immediate Area - (See Topographic Map "B").

Paiute Federal #14-4 is located approximately 3000' South of Castle Peak Draw a non-perennial drainage which runs to the South and East into the Green River.

The terrain in the vicinity of the location slopes from the East through the location site to the West at approximately a 3.0% grade.

The vegetation in the immediate area surrounding the location site consists of grasses and sparse amounts of sagebrush.

There are no occupied dwellings or other facilities of this nature in the general area.

All lands involved under this action are under B.L.M. jurisdiction.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Bill Elliot  
DIAMOND SHAMROCK CORPORATION  
85 South 200 East  
Vernal, UT 84078

1-801-789-5270

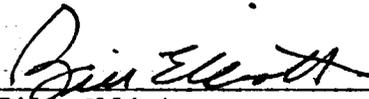
DIAMOND SHAMROCK CORPORATION  
Paiute Federal #14-4  
Section 4, T9S, R17E, S.L.B. & M.

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operation proposed herein will be performed by DIAMOND SHAMROCK CORPORATION and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

.....  
\_\_\_\_\_

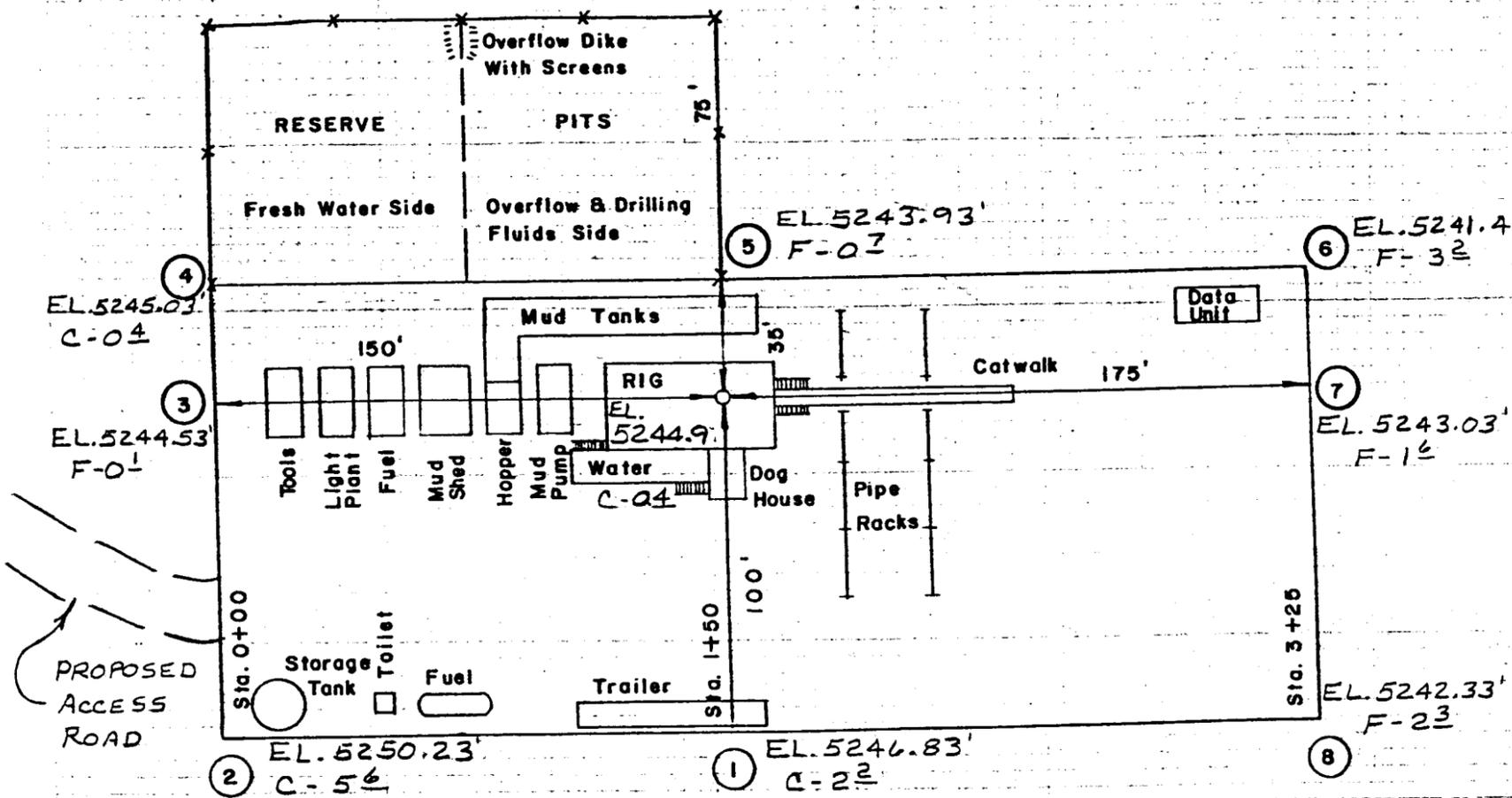
Date

  
\_\_\_\_\_

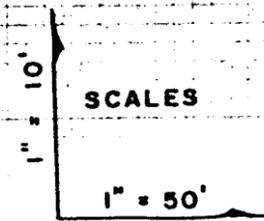
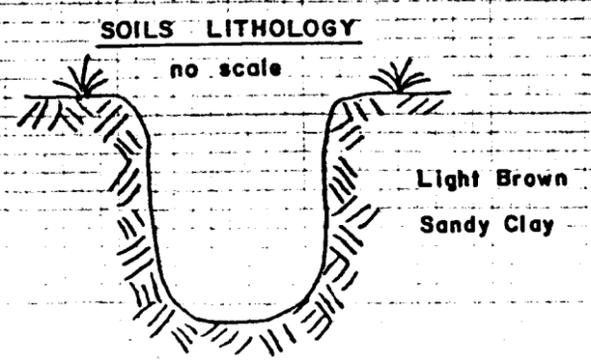
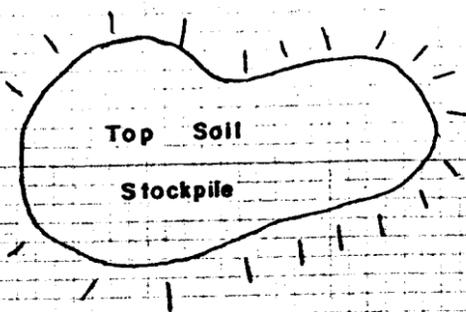
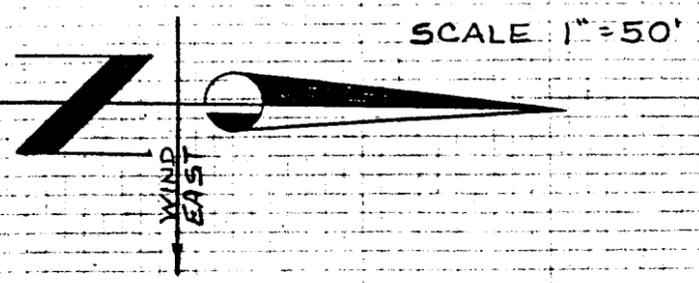
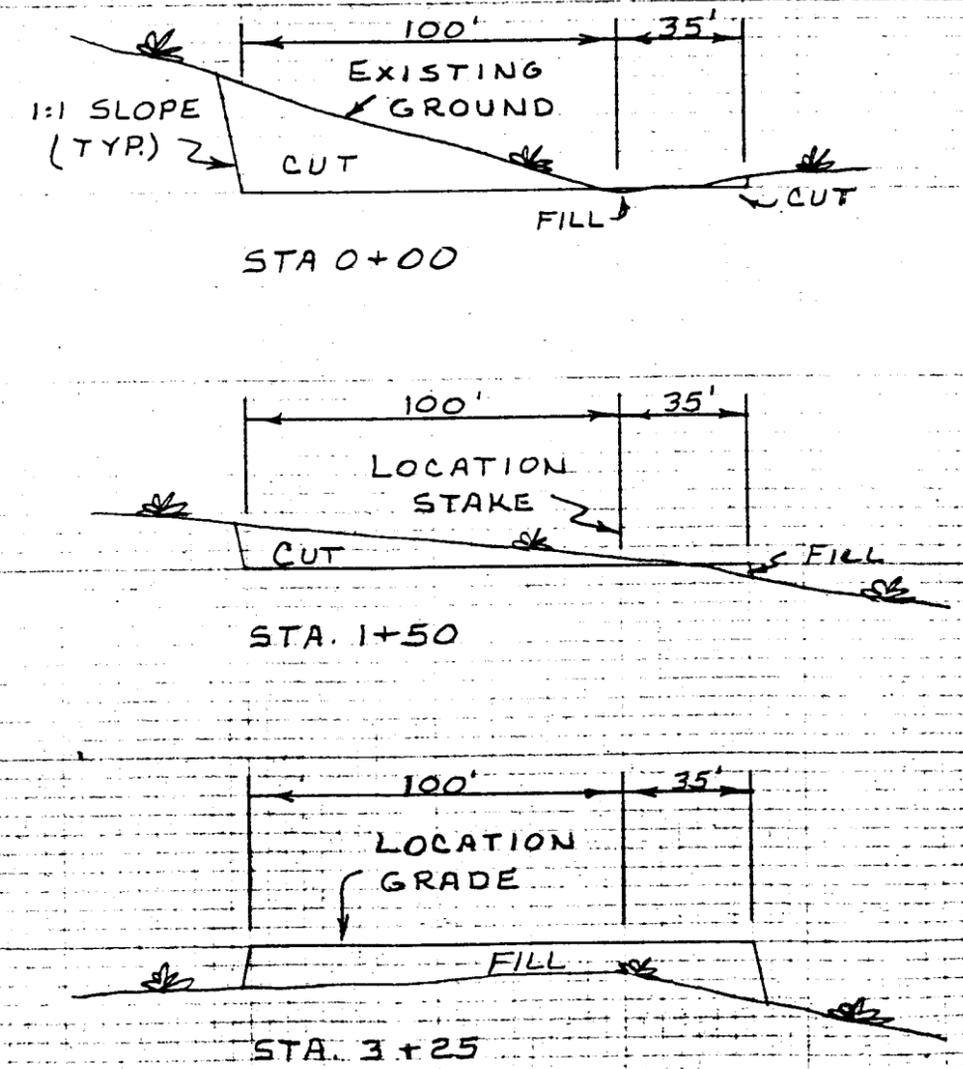
Bill Elliot

# DIAMOND SHAMROCK CORP.

## PAIUTE FED. # 14-4

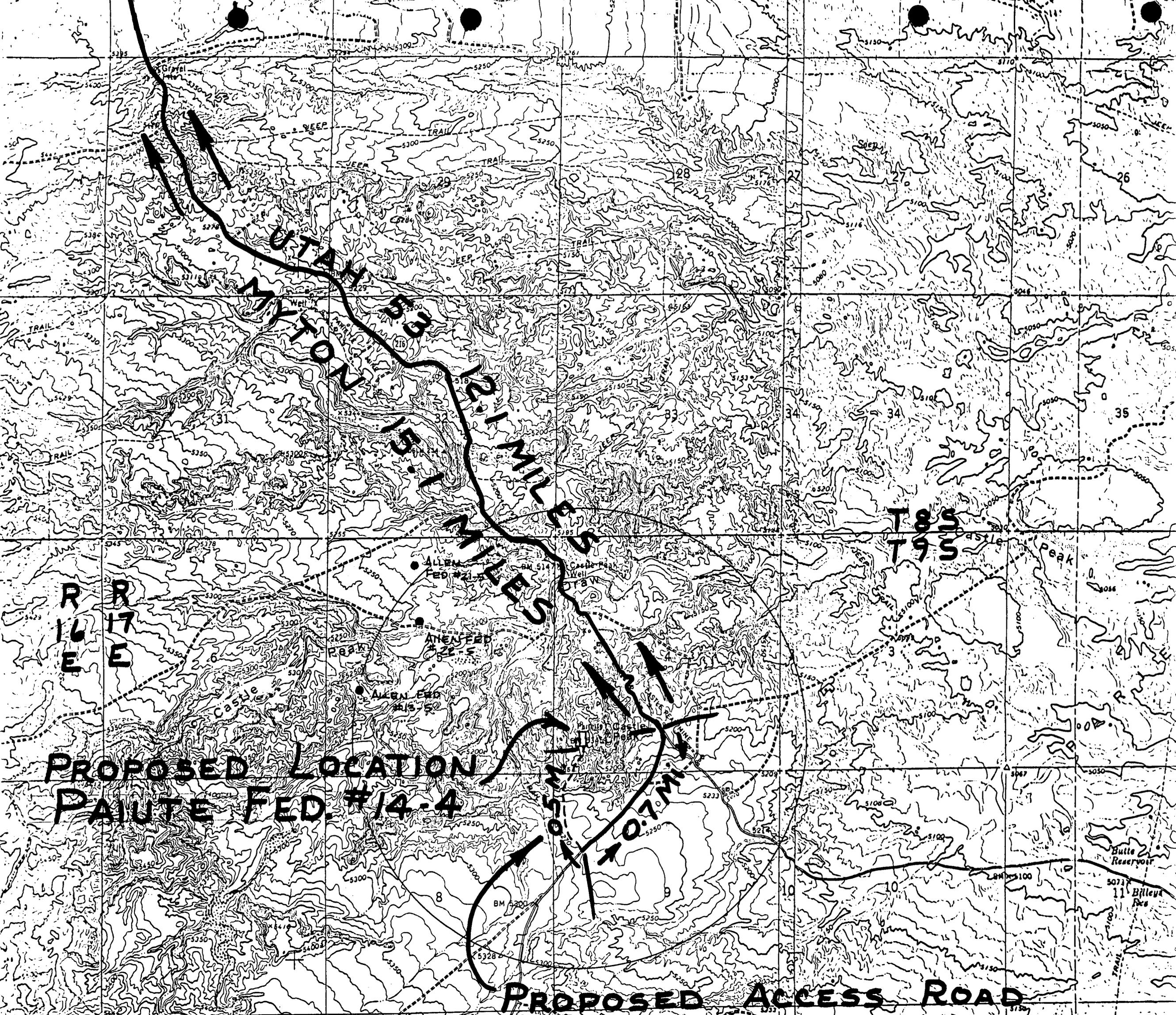


CROSS SECTIONS



**APPROXIMATE YARDAGES**

Cubic Yards of Cut	- 1649
Cubic Yards of Fill	- 964



UTAH  
STATE  
HIGHWAY  
216

RR  
16 E  
17 E

PROPOSED LOCATION  
PAUTE FED. #14-4

PROPOSED ACCESS ROAD

T8S  
T9S

Butte 2  
Reservoir

Butte 11  
Reservoir



\*\* FILE NOTATIONS \*\*

DATE: June 22, 1982  
OPERATOR: Diamond Shamrock Corporation  
WELL NO: Paints ~~Federal~~ # 14-4  
Location: <sup>S.W.S.W.</sup> Sec. 4 T. 9S R. 17E County: Duckworth

File Prepared:  Entered on N.I.D.:   
Card Indexed:  Completion Sheet:

API Number 43-013-30671

CHECKED BY:

Petroleum Engineer: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Director: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Administrative Aide: As Per Rule C-3  
\_\_\_\_\_  
\_\_\_\_\_

APPROVAL LETTER:

Bond Required:  Survey Plat Required:   
Order No. \_\_\_\_\_ O.K. Rule C-3   
Rule C-3(c), Topographic Exception - company owns or controls acreage  
within a 660' radius of proposed site   
Lease Designation Fed Plotted on Map   
Approval Letter Written   
Hot Line  P.I.

June 30, 1982

Diamond Shamrock Corporation  
Drawer E.  
Vernal, Utah 84078

RE: ~~Well No~~ # Paiute #14-4  
Sec. 4, T9S, R17E  
Duchesne County

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

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

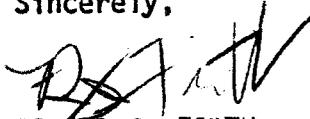
CLEON B. FEIGHT  
Office: 533-5771  
Home: 466-4455

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

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

The API number assigned to this well is 43-013-30671.

Sincerely,



RONALD J. FIRTH  
CHIEF PETROLEUM ENGINEER

RJFSSC  
cc: Minerals Management Service  
Enclosure

NOTICE OF SPUD

Company: Diamond Shamrock

Caller: Frank Miller

Phone: 307-266-1882

Well Number: Piutte Fed 14-4

Location: SWSW sec 4 9S 17E

County: Duchesne State: Utah

Lease Number: U-7978

Lease Expiration Date: \_\_\_\_\_

Unit Name (If Applicable): Piutte

Date & Time Spudded: 1:45 PM 8/17/82

Dry Hole Spudder/Rotary: \_\_\_\_\_

Details of Spud (Hole, Casing, Cement, etc.) \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Rotary Rig Name & Number: TWT Exploration Rig#56

Approximate Date Rotary Moves In: 8/15/82

FOLLOW WITH SUNDRY NOTICE

Call Received By: Becky George

Date: August 18, 1982

State of OK  
Verna L MMS  
Teresa  
Diane

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: DIAMOND SHAMROCK

WELL NAME: Piute Federal 14-4

SECTION SWSW 4 TOWNSHIP 9S RANGE 17E COUNTY Duchesne

DRILLING CONTRACTOR TWT Exploration

RIG # 56

SPUDDED: DATE 8-17-82

TIME 1:45 PM

How Rotary

DRILLING WILL COMMENCE

REPORTED BY Frank Miller

TELEPHONE # 307-266=1882

DATE 8-18-82 SIGNED Terri Reid

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
(FORM 9-329)  
(2/76)  
OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. U-7978  
Communitization Agreement No. N/A  
Field Name Field  
Unit Name N/A  
Participating Area N/A  
County Duchesne State Utah  
Operator Diamond Shamrock Corporation  
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of August, 19 82

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
14-4	4 SW/SW	9S	17E	DRG.	8-17 Spud 8-18 Drill to 271' KB. Run casing, set @ 271' KB. WOC. 8-19 thru 8-25 Drill to 4885'.			8 5/8", 24#, Cement with	Paiute Federal 14-4 K-55 225 sxs.

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: [Signature] Address: 5730 W. Yellowstone Casper, Wyo.  
Title: Asst. Dist. Drlg. Supt. Page \_\_\_\_\_ of \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
Diamond Shamrock Corporation

3. ADDRESS OF OPERATOR  
5730 W. Yellowstone Casper, Wyo. 82604

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 652' FWL, 801' FSL SW/SW  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
U-7978

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
- - -

7. UNIT AGREEMENT NAME  
- - -

8. FARM OR LEASE NAME  
Paiute Federal

9. WELL NO.  
14-4

10. FIELD OR WILDCAT NAME  
Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 4, T9S, R17E, S.L.B.M.

12. COUNTY OR PARISH  
Duchesne

13. STATE  
Wyoming

14. API NO.  
43-013-30671

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5245'

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(other)		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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

Spudded @ 1:45 p.m. on August 17, 1982 with Rotary Rig (TWT Rig #56).  
Drill a 12 1/4" hole, 276' of 8 5/8", 24#, K-55 casing and cemented 225 sxs.

RECEIVED

AUG 23 1982

DIVISION OF  
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED Wesley S. Adams TITLE Dist. Drlg. Supt DATE August 19, 1982

(This space for Federal or State office use)

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

13

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

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

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

2. NAME OF OPERATOR  
Diamond Shamrock Corporation

3. ADDRESS OF OPERATOR  
5730 West Yellowstone Hwy. Casper, Wyoming 82604

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 652' FWL, 801' FSL SW/SW  
At top prod. interval reported below  
At total depth

RECEIVED  
OCT 14 1982  
DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.  
U-7978

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
---

7. UNIT AGREEMENT NAME  
---

8. FARM OR LEASE NAME  
Paiute Federal

9. WELL NO.  
14-4

10. FIELD AND POOL, OR WILDCAT  
Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 4, T9S, R17E

14. PERMIT NO. 43-013-30671 DATE ISSUED 6-30-82

12. COUNTY OR PARISH Duchesne 13. STATE Utah

15. DATE SPUDDED 8-17-82 16. DATE T.D. REACHED 8-27-82 17. DATE COMPL. (Ready to prod.) 10-11-82 18. ELEVATIONS (DF, BEB, BT, OR, ETC.)\* 5245' GR 19. ELEV. CASINGHEAD 5245'

20. TOTAL DEPTH, MD & TVD 5940' 21. PLUG, BACK T.D., MD & TVD 5895' 22. IF MULTIPLE COMPL., HOW MANY\* --- 23. INTERVALS DRILLED BY ROTARY TOOLS 10' - 5940' CABLE TOOLS ---

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
4186' - 4201' 4170' - 4179' 4144' - 4154' 4226' - 4235'  
5306' - 5346' 5560' - 5582' 5082' - 5113' Green River

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL; CNL; CBL-VDL 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#	277'	12 1/4"	225 SXS.	-0-
5 1/2"	15.5#	5907'	7 7/8"	803 SXS.	-0-

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	5292'	---

31. PERFORATION RECORD (Interval, size and number)  
See attached sheet

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

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

33.\* PRODUCTION

DATE FIRST PRODUCTION 10-11-82 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
10-10-82	24	---	---	90	30	10	333:1

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
---	---	---	---	---	---	30 @ 60°

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

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 *Wes Whitaker* TITLE Dist. Drlg. Supt. DATE Oct. 12, 1982

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



Paiute Federal 14-4 (attachment)  
SW/SW, Sec. 4, T9S, R17E  
Duchesne County, Utah

Perforation record: (interval, size, and number)

5560' - 5582'	.48	45 holes
5306' - 5346'	.48	81 holes
5082' - 5113'	.48	63 holes
4226' - 4235'	.48	19 holes
4186' - 4201'	.48	31 holes
4170' - 4179'	.48	19 holes
4144' - 4154'	.48	21 holes

Acid, Shot, Fracture, Cement Squeeze, Etc:

5560' - 5582'	1500 gal. 15% HCL; 714 bbl. gel; 32.5K# sand.
5306' - 5346'	2000 gal. 15% HCL; 952 bbl. gel; 50K# sand.
5082' - 5113'	1500 gal. 15% HCL; 738 bbl. gel; 42.5K# sand.
4144' - 4235'	1500 gal. 15% HCL; 1012 bbl. gel; 72.5K# sand.

MONTHLY REPORT  
 OF  
 OPERATIONS

The following is a correct report of operations and production (including status of all unplugged wells) for the month of October, 19 82

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
14-4	4 SW/SW	9S	17E	DRG.	9-26 thru 9-27 9-28 9-29 9-30	Flow test. Set bridge plug and flow POOH with bridge plug. assembly RIH with rods and pump. Turned to Production.		RIH with production Released Rig.	Paiute Federal 14-4

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXX

Authorized Signature:  Address: 5730 W. Yellowstone Casper, Wyo.  
 Title: Asst. Dist. Drlg. Supt. Page \_\_\_\_\_ of \_\_\_\_\_

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY  
 (FORM 9-329)  
 (2/76)  
 OMB 42-RO 356

**MONTHLY REPORT  
 OF  
 OPERATIONS**

Lease No. U-7978  
 Communitization Agreement No. N/A  
 Field Name Field  
 Unit Name N/A  
 Participating Area N/A  
 County Duchesne State Utah  
 Operator Diamond Shamrock Corporation  
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of September, 1982

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
14-4	4 SW/SW	9S	17E	DRG.					Paiute Federal 14-4
					8-26 thru 8-27	Drill to 5940'			
					8-28	Log. WOO			
					8-29	Run 5 1/2", 15.5#, K-55 casing. Set @ 5907' KB. Cement with 803 sxs. Released rig.			
					8-30 thru 9-14	WOCT			
					9-15	RUCT. RIH with 2 3/8" tubing.			
					9-16	POOH. Perforate 5560' - 5582' (45 holes). TIH with packer, set @ 5508'			
					9-17	Frac. with 1500 gal. 15% HCL, 714 gal. KCL gel and 32.5K# sand.			
					9-18	TIH and circulate sand out.			
					9-19	POOH. TIH with bridge plug, set @ 5501'. POOH. Perforate 5306' - 5346' (81 holes) RIH with packer.			
					9-20	Acidize with 2000 gal. 15% HCL. POOH and acidize 952 bbl. KCL gel and 50K# sand.			
					9-21	RIH and reset bridge plug @ 5250'. Perforate 5082' - 5113 (63 holes). Frac with 1500 gal. 15% HCL, 738 bbl. KCL gel and 42.5K# sand.			

cont.

\*If none, so state.

**DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)**

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXXXX
Authorized Signature: <u><i>Wes Childers</i></u>	Address: <u>5730 W. Yellowstone</u> <u>Casper, Wyo.</u>		
Title: <u>Dist. Drlg. Supt.</u>	Page <u>one</u> of <u>two</u>		

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY  
 (FORM 9-329-1)  
 (2/76)

OMB 42-R0356

MONTHLY REPORT  
 OF  
 OPERATIONS  
 (Continued)

Lease No. U-79

Communitization Agreement No. N/A

Field Name Field

Unit Name N/A

Participating Area N/A

County Duchesne State Utah

Operator Diamond Shamrock Corporation

Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of September, 19 82

(See Reverse of Form 9-329 for Instructions)

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
14-4	4 SW/SW	9S	17E	DRG.					Paiute Federal 14-4
					9-22	TIH and retrieve bridge plug and reset @ 4800'. POOH. Perforate 4226' - 4235' (19 holes) and 4186' - 4201' (31 holes) and 4170' - 4179' (19 holes) and 4144' - 4154' (21 holes). RIH with packer and set @ 4060'.			
					9-23	Acidize with 1500 gal. 15% HCL. POOH. Frac. with 1012 bbl. KCL gel and 72.5K# sand.			
					9-24	RIH to retrieve bridge plug. Started flowing.			
					9-25	Flowing.			

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
DIAMOND SHAMROCK CORPORATION

3. ADDRESS OF OPERATOR  
DRAWER "E", VERNAL, UTAH 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: SEE ATTACHED  
AT TOP PROD. INTERVAL: SAME  
AT TOTAL DEPTH: SAME

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(other) <input type="checkbox"/>	REQUEST PERMISSION TO LAY SURFACE GAS LINES	

5. LEASE  
U-7978 ✓

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
PAIUTE FEDERAL

9. WELL NO.  
SEE ATTACHED

10. FIELD OR WILDCAT NAME  
MONUMENT BUTTE FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SECTIONS 4 & 8, T9S, R17E

12. COUNTY OR PARISH | 13. STATE  
DUCHE SNE | UTAH

14. API NO.  
SEE ATTACHED

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
SEE ATTACHED

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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

DIAMOND SHAMROCK CORPORATION respectfully requests permission to connect the Paiute Federal 14-4, Paiute Federal 32-4 and the Paiute Federal 24-8 wells with 2" durable plastic surface gas lines. All lines will be laid along existing lease and access roads and will be buried under roadways. Gas from these lines will be used to fuel stock tank heaters and prime movers. This installation would allow DIAMOND SHAMROCK CORPORATION to conserve approximately 15 MCF/D. There will be no surface disturbance.

~~APPROVED~~ BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: \_\_\_\_\_  
BY: \_\_\_\_\_

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

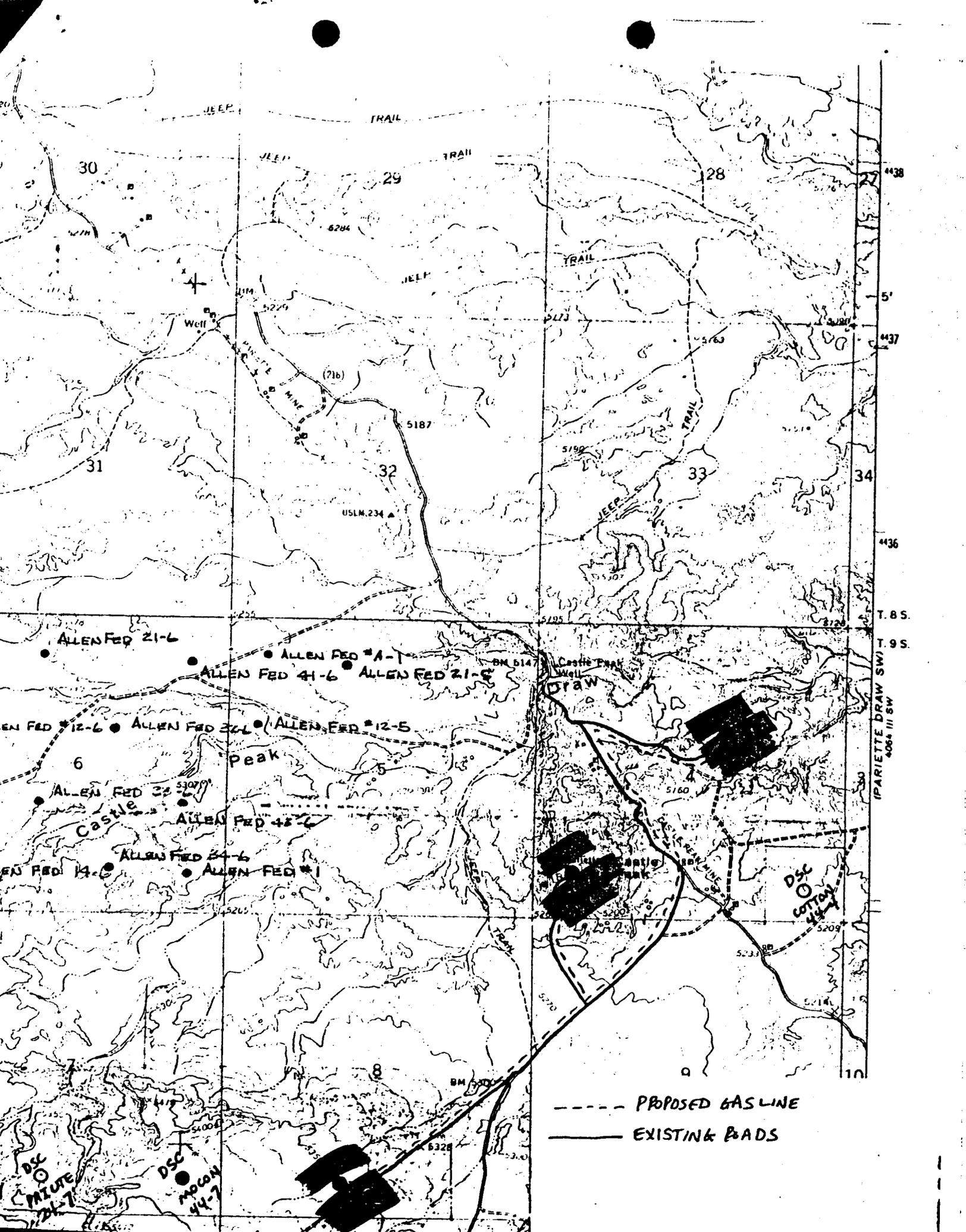
SIGNED Jeff Ronk TITLE Engineer DATE 4-19-83

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

<u>WELL NAME</u>	<u>LOCATION</u>	<u>API NUMBER</u>	<u>ELEV.</u>
Paiute Fed. 14-4-	SW/SW Sec. 4, T9S, R17E	43-013-30671	5245 GR
Paiute Fed. 32-4-	SW/NE Sec. 4, T9S, R17E	43-013-30674	5166 GR
Paiute Fed. 24-8-	SE/SW Sec. 8, T9S, R17E	43-013-30675	5350 GR



JEEP TRAIL

30

29

28

31

32

33

34

ALLEN FED 21-6

ALLEN FED #1-1

ALLEN FED 41-6

ALLEN FED 21-5

ALLEN FED #12-6

ALLEN FED 30-6

ALLEN FED #12-5

ALLEN FED 22

ALLEN FED 45-6

ALLEN FED 14-6

ALLEN FED 24-6

ALLEN FED #1

peak

6

5

Castle

Castle Peak Well

Draw

DSC COTTON 44-7

DSC MATURE 21-7

DSC MOCAN 44-7

438

5'

437

436

T. 8 S.

T. 9 S.

(PARIETTE DRAW SW)  
4084 III SW

10

--- PROPOSED GAS LINE  
— EXISTING PADS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

5. LEASE	U-7978
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME	PAIUTE FEDERAL
9. WELL NO.	
10. FIELD OR WILDCAT NAME	MONUMENT BUTTE FIELD
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	SEC. 4, T9S, R17E
12. COUNTY OR PARISH	13. STATE
DUCHESNE CO.	UTAH
14. API NO.	SEE ATTACHED
15. ELEVATIONS (SHOW DF, KDB, AND WD)	SEE ATTACHED

1. oil well  gas well  other

2. NAME OF OPERATOR  
DIAMOND SHAMROCK CORPORATION

3. ADDRESS OF OPERATOR  
P. O. DRAWER "E", VERNAL, UTAH 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: See attachment  
AT TOP PROD. INTERVAL: SAME  
AT TOTAL DEPTH: SAME

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF
- FRACTURE TREAT
- SHOOT OR ACIDIZE
- REPAIR WELL
- PULL OR ALTER CASING
- MULTIPLE COMPLETE
- CHANGE ZONES
- ABANDON\*

SUBSEQUENT REPORT ON:

- 
- 
- 
- 
- 
- 
- 
- 

**RECEIVED**  
JUL 13 1983  
DIVISION OF OIL & GAS & MINING

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

(other) Request permission to change a previously approved Sundry Notice

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*  
DIAMOND SHAMROCK CORPORATION received permission to lay a surface gas line from the Paiute Federal #14-4 to the Paiute Federal #32-4 on a Sundry Notice dated 4-19-83. The gas line was to be laid along existing lease and access roads. It appears that following the lease and access roads would make the laying of this line cost-prohibitive. DIAMOND SHAMROCK CORPORATION respectfully requests permission to lay this line in a more direct route connecting these two wells (see attached map).

Special care will be taken to assure a minimum impact to the immediate area of the gas line.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

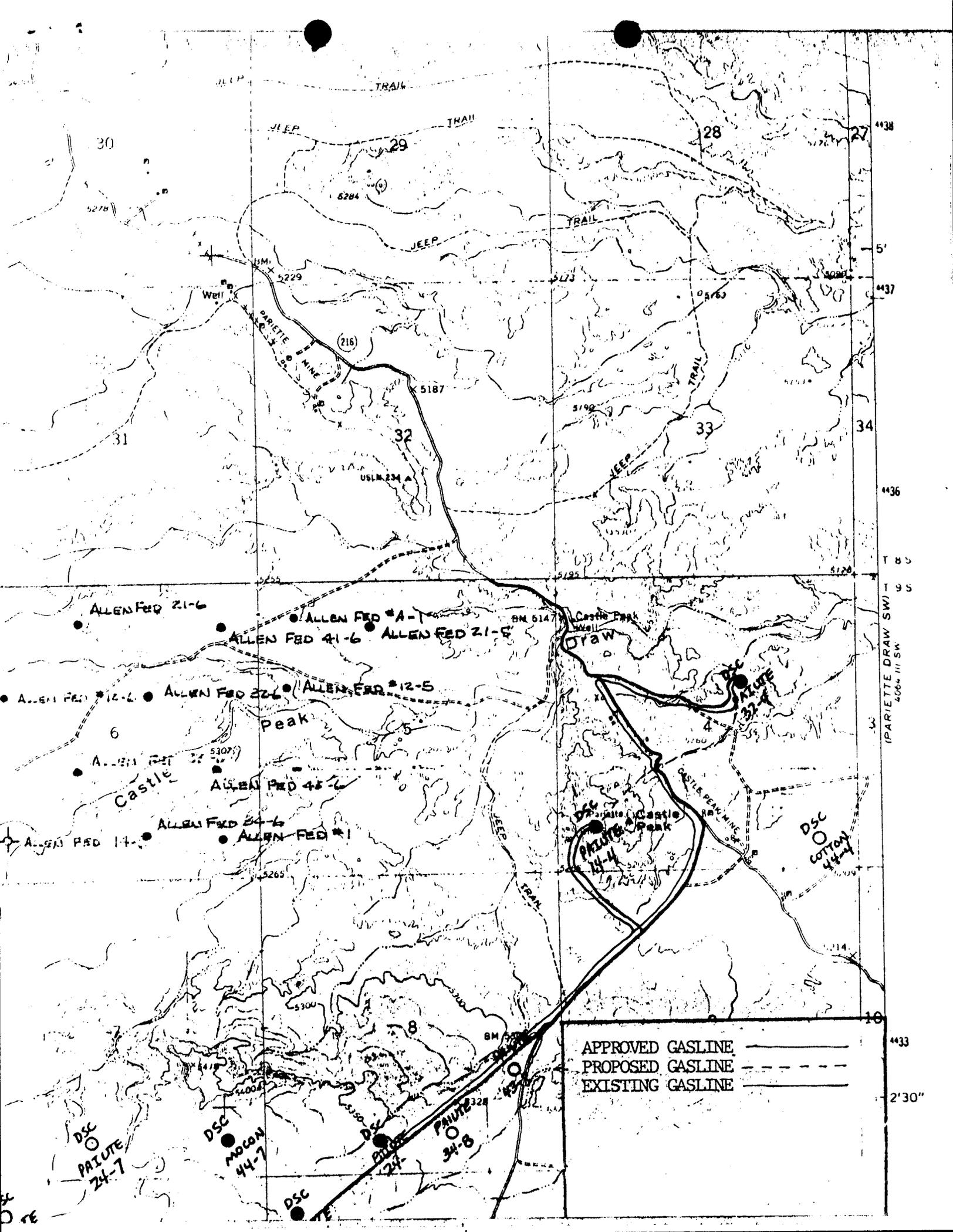
18. I hereby certify that the foregoing is true and correct

SIGNED Jeff H. Ronik TITLE Production Engineer DATE July 12, 1983

(This space for Federal or State office use)

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

WELL NAME	LOCATION	API NUMBER	ELEVATION
PAIUTE FED. # 14-4-	SW/SW Sec. 4, T9S, R17E	43-013-30671	5245' GR
PAIUTE FED. # 32-4	SW/NE Sec. 4, T9S, R17E	43-013-30674	5166' GR



4438

5'

4437

34

4436

T 8 S

T 9 S

(PARIETTE DRAW SW)  
4064 III SW

4433

2'30"

APPROVED GASLINE ———  
 PROPOSED GASLINE - - - - -  
 EXISTING GASLINE ———

30

28

27

29

6284

5278

JEEP TRAIL

JEEP TRAIL

JEEP TRAIL

JEEP TRAIL

JEEP TRAIL

5229

5173

5163

Well

(216)

5187

5190

31

32

33

34

USLM 234 A

5195

5120

ALLEN FED 21-6

ALLEN FED 41-6 ALLEN FED 21-5

BM 6147

Castle Peak Well

Draw

DSC PAIUTE 32-4

ALLEN FED 12-6 ALLEN FED 22-6

ALLEN FED 12-5

6

peak

ALLEN FED 22-6

ALLEN FED 45-6

Castle

ALLEN FED 24-6

ALLEN FED 1

ALLEN FED 14-6

5265

DSC PAIUTE 31-4

Castle Peak

DSC COTTON 44-4

214

10

BM 6147

BM 6147

DSC PAIUTE 24-7

DSC MOGON 44-7

DSC PAIUTE 24-7

DSC PAIUTE 34-8

DSC

TE

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

5. LEASE  
 U-7978

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 PAIUTE FEDERAL

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 PAIUTE FEDERAL

9. WELL NO.  
 14-4

10. FIELD OR WILDCAT NAME  
 MONUMENT BUTTE FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 SEC. 4, T9S, R17E

12. COUNTY OR PARISH | 13. STATE  
 DUCHESNE, | UTAH

14. API NO.  
 43-013-30671

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
 5245' GR

DIVISION OF  
 OIL GAS & MINING

1. oil well  gas well  other

2. NAME OF OPERATOR (FORMERLY DIAMOND  
 DIAMOND CHEMICALS COMPANY-SHAMROCK CORP.)

3. ADDRESS OF OPERATOR  
 P. O. DRAWER "E", VERNAL, UTAH 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
 652' FWL & 801' FSL, SW/SW  
 AT SURFACE:  
 AT TOP PROD. INTERVAL: SAME  
 AT TOTAL DEPTH: SAME

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) LAY A SURFACE GAS LINE	<input type="checkbox"/>		<input type="checkbox"/>

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*  
 DIAMOND CHEMICALS COMPANY respectfully requests permission to lay a surface gas line connecting the Paiute Federal #14-4 to the proposed 3" wet gas line running through Section 5, T9S, R17E (Federal Lease U-020252). This line will be 2" durable plastic pipe and will be laid on a direct route as shown on the attached map. There will be no surface disturbance. The laying of this line will allow DIAMOND CHEMICALS to sell excess casinghead gas from Federal Lease U-7978 via the Monument Butte Gas Plant. Estimated savings is now 250 MCFD.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED Jeff H. Ronk TITLE Prod. Engineer DATE 10-12-83

(This space for Federal or State office use)

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

ACCEPTED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING  
 DATE: 10/18/83  
 BY: [Signature]



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

DIVISION OF

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
DIAMOND SHAMROCK EXPLORATION COMPANY

3. ADDRESS OF OPERATOR  
P. O. DRAWER 'E', VERNAL, UTAH 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: N/A  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) LAY SURFACE GAS LINES	<input type="checkbox"/>		<input type="checkbox"/>

5. LEASE U-7978	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME PAIUTE FEDERAL	
9. WELL NO. 14-4, 24-8, 34-8, 32-4	
10. FIELD OR WILDCAT NAME MONUMENT BUTTE FIELD	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 4 & 8, T9S, R17E	
12. COUNTY OR PARISH DUCHESNE	13. STATE UTAH
14. API NO. N/A	
15. ELEVATIONS (SHOW DF, KDB, AND WD) N/A	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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

DIAMOND SHAMROCK EXPLORATION COMPANY requests permission to lay a surface wet gas gathering system and a surface dry gas distribution system for Diamond Shamrock operated oil wells within Federal Lease U-7978. The wet gas lines will be 2" plastic and 3" polyethylene pipe and will connect wells within Federal Lease U-7978 to a 3 1/2" steel pipeline from the Paiute Federal 24-8 to the Monument Butte Gas Plant. The dry gas distribution system will be 1" and 2" polyethylene pipe and will return reliable dry gas to individual well locations where it will be used to fuel surface equipment.

The laying of these lines will allow Diamond Shamrock to: 1) process and sell wet casinghead gas currently being vented, and, 2) reduce the amount of downtime caused by the condensation of liquids in the existing surface fuel gas lines. These lines will follow lease and access roads wherever possible, will be buried and marked at road crossings, and will not create a surface disturbance.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED Jeff V. Ronk TITLE District Engineer DATE 11-15-83

(This space for Federal or State office use)

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



Maxus Energy Corporation  
LTV Center  
2001 Ross Avenue  
Dallas, Texas 75201  
214 979-2800

RECEIVED  
JUN 05 1987

060810

DIVISION OF  
OIL, GAS & MINING

June 2, 1987

**MAXUS**

Utah Division of Oil, Gas & Mining  
Attn: Norm Stout  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Dear Mr. Stout,

Regarding your request for information concerning the change of name of our company from Diamond Shamrock Exploration, to Maxus Exploration Company:

1. New replacement bond is being taken care of by Sherry Neally (214) 953-2858, and will be mailed to you shortly by Judy Tate (806) 378-3876.
2. Contact names will remain the same - Kaleb Leake (307) 266-1882, Maxus Exploration Company, P.O. Box 2530, Mills, WY 82644, for drilling and permitting; Pat Cote (214) 979-2822, at the letterhead address, for production and disposition reporting.
3. I am enclosing a copy of our most recent production report. This is a complete list of all wells to be affected by the name change.
4. The name change is effective 4-28-87. All name change notices are being handled by Dick Smith in our Legal Department (214) 953-2979. He assures us that the notices will be sent out in a few days.
5. There are no changes in the division of interest on any of the attached wells, therefore all entity numbers will remain the same.

Thank you for your patience in this matter, and please contact me if there is any other information needed.

Sincerely,

*Pat Cote*

Pat Cote  
Production Clerk, Oil Revenue  
Maxus Exploration  
(214) 979-2822

COMPANY: MAXUS EXPLORATION CO UT ACCOUNT # \_\_\_\_\_ SUSPENSE DATE: 6-10-87  
(FORMERLY DIAMOND SHAMROCK EXPLORATION CO)

TELEPHONE CONTACT DOCUMENTATION

CONTACT NAME: PAT COTE (PAT PRONOUNCES HER NAME "COATEE")

CONTACT TELEPHONE NO.: (214) 777-2822

SUBJECT: OPERATOR CHANGE - DIAMOND SHAMROCK EXPLORATION CO TO MAXUS ENPL CO.

(Use attachments if necessary)

RESULTS: PAT SAID SHE WOULD PROVIDE: LTR OF EXPLANATION FOR 1) EFFECTIVE DATE,  
2) BONDING, 3) ENTITY REVIEW, 4) WELLS IN QUESTION, 5) ADDRESS & TEL  
FOR BOTH DRILLING AND PRODUCTION CONTACT PEOPLE,

SHE WILL USE GOAT A SUPPLEMENTED COPY OF TAD TO IDENTIFY ALL  
WELLS, INCLUDING DRILLING AND INJECTION

(Use attachments if necessary)

CONTACTED BY: *[Signature]*

DATE: 6-7-87



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

## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

RECEIVED

JUN 05 1987

DIVISION OF  
OIL, GAS & MINING

• DIAMOND SHAMROCK EXPL.  
2001 ROSS AVE #1500  
DALLAS TX 75201  
ATTN: PAT COTE

Utah Account No. NO340

Report Period (Month/Year) 4 / 87

Amended Report

Well Name	Producing Zone	Days Oper	Production Volume		
API Number    Entity    Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
X PAIUTE FED 14-4 4301330671 01215 09S 17E 4	GRRV	30	357	889	5
X PAIUTE FED 24-8 4301330675 01220 09S 17E 8	GRRV	30	531	2083	-0-
X UTE 1-33B6 4301330441 01230 02S 06W 33	WSTC	26	1304	1177	2264
X UTE 1-8C6 4301330387 01235 03S 06W 8	WSTC	-0-	-0-	-0-	-0-
X WALTON FED. #1 4301315792 01240 09S 16E 11	GRRV	26	130	1038	-0-
X WALTON FED. #2 4301315793 01240 09S 16E 14	GRRV	-0-	-0-	-0-	-0-
X WALTON FED #4 4301315795 01240 09S 16E 11	GRRV	30	68	203	-0-
X WALTON FED #5 4301315796 01240 09S 16E 12	GRRV	-0-	-0-	-0-	-0-
X WALTON FED. #34-11 4301331003 01240 09S 16E 11	GRRV	30	282	764	-0-
X GOATES FED. #1 4301315789 01245 09S 16E 11	GRRV	30	115	60	-0-
X GOATES FED #3 4301315791 01245 09S 16E 14	GRRV	30	114	60	-0-
X GULF UTE 1-17B2 4301330440 01250 02S 02W 17	WSTC	30	1263	2245	1873
X GULF-UTE 1-16 4301330061 01255 02S 02W 16	GRRV	-0-	-0-	-0-	-0-
<b>TOTAL</b>			4164	8519	4142

Comments (attach separate sheet if necessary) \_\_\_\_\_

\_\_\_\_\_

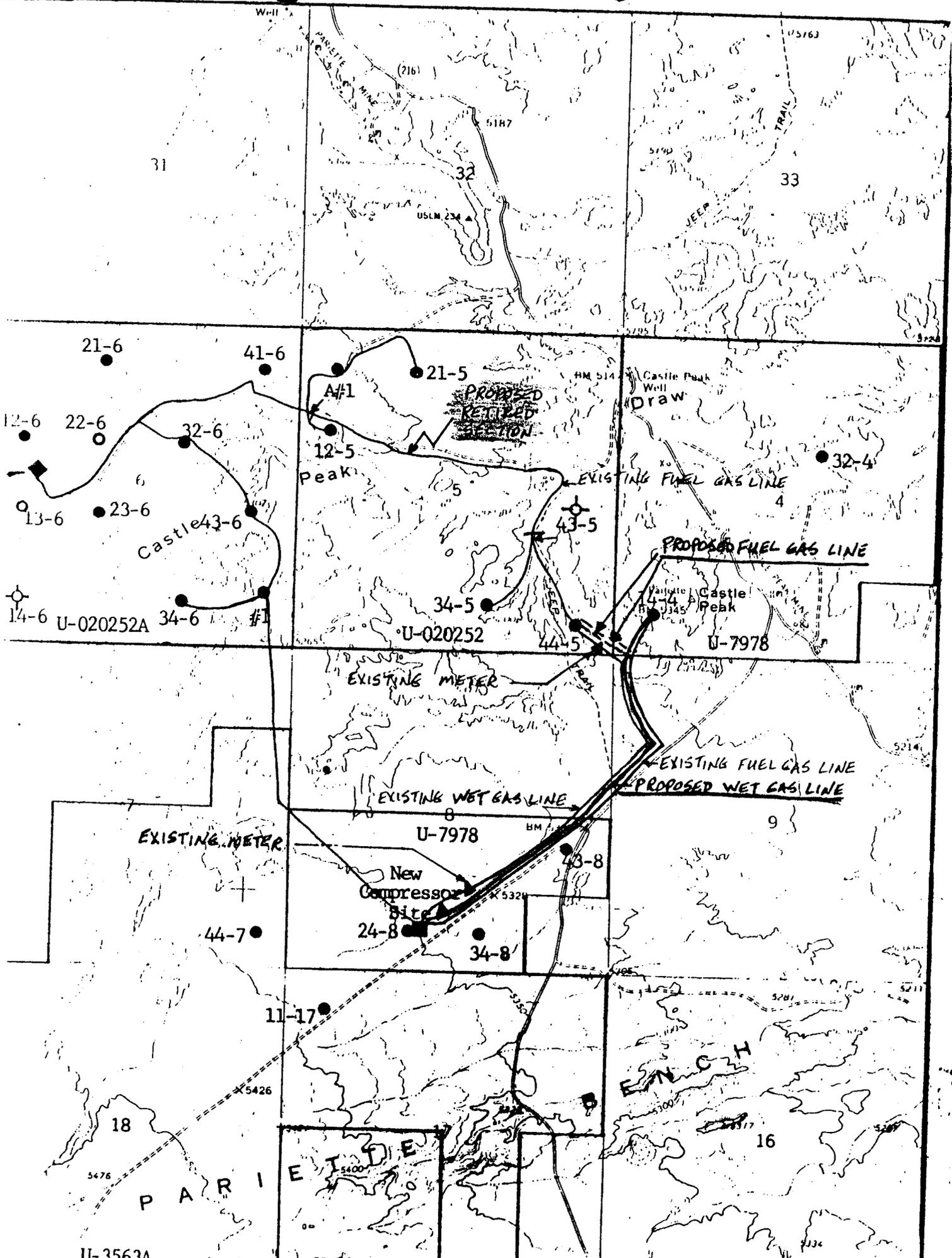
\_\_\_\_\_

I have reviewed this report and certify the information to be accurate and complete.    Date 6-2-87

Pat Cote    Telephone (214) 979-2822

Authorized signature







# BALCRON OIL

A Division of  
Equitable Resources Energy Company

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

RECEIVED

OCT 09 1991

DIVISION OF  
OIL GAS & MINING

October 8, 1991

-- VIA FEDERAL EXPRESS --

Lisha Romero  
State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
Salt Lake City, UT 84180

Dear Lisha:

Enclosed are sundry notices for Change of Operator for the wells on the enclosed list. These wells are currently operated by Maxus Exploration Company and are being transferred to:

Balcron Oil  
P.O. Box 21017  
Billings, MT 59104

The transfer is effective November 1, 1991.

If there is any other information you need or if you have any questions, please give me a call.

Sincerely,

*Bobbie Schuman*

Bobbie Schuman  
Coordinator of Operations,  
Environmental, and Regulatory Affairs

/rs

Enclosures

cc: James M. Pachulski, Maxus Exploration Company

*Thanks for all  
your help, Lisha!*

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION & SERIAL NO.  
SEE ATTACHED LIST

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. OIL WELL  GAS WELL  OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR  
EQUITABLE RESOURCES ENERGY COMPANY

8. FARM OR LEASE NAME

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

9. WELL NO.

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

10. FIELD AND POOL, OR WILDCAT

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

14. API NO.

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

12. COUNTY

13. STATE

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF  FULL OR ALTER CASING   
 FRACTURE TREAT  MULTIPLE COMPLETE   
 SHOOT OR ACIDIZE  ABANDON   
 REPAIR WELL  CHANGE PLANS   
 (Other)  Change of Operator

SUBSEQUENT REPORT OF:

WATER SHUT-OFF  REPAIRING WELL   
 FRACTURE TREATMENT  ALTERING CASING   
 SHOOTING OR ACIDIZING  ABANDONMENT\*   
 (Other)   
 (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

APPROX. DATE WORK WILL START \_\_\_\_\_

DATE OF COMPLETION \_\_\_\_\_

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

\* Must be accompanied by a cement verification report.

Effective November 1, 1991, the operator of this well will change from Maxus Exploration Company

TO: EQUITABLE RESOURCES ENERGY COMPANY  
P.O. Box 21017  
Billings, MT 59104

Effective November 1, 1991, Equitable Resources Energy Company is responsible under the terms and conditions of the lease for operations conducted on the leased lands or a portion thereof under Bureau of Land Management Bond #5547188 issued by Safeco Insurance Co.



OCT 09 1991

DIVISION OF  
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct.  
SIGNED [Signature] TITLE Attorney-in-Fact DATE October 8, 1991

(This space for Federal or State office use)

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

Maxus Exploration Comp  
P.O. Box 2530  
Mills, Wyoming 82644  
307 266-1882

RECEIVED

OCT 10 1991

DIVISION OF  
OIL GAS & MINING

**MAXUS**

October 7, 1991

State of Utah  
Division of Oil & Gas  
3 Triad Center, Ste. 350  
Salt Lake City, Utah 84180

Re: Operator Transfer of Maxus  
Exploration Company Wells

Dear Sir:

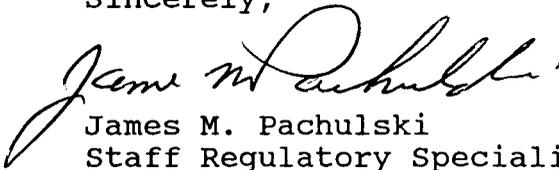
Attached is a list of wells within the State of Utah currently operated by Maxus Exploration Company. These wells are in the process of being transferred to a new operator:

Balcron Oil  
P.O. Box 21017  
Billings, Montana 59104  
Attn: Bobbie Schuman  
Coordinator of Environmental and Regulatory  
Affairs (406) 259-7860

The transfer will become effective on November 1, 1991. Individual Sundry notices for each well will be forwarded to the BLM with a copy to the State of Utah by Balcron Oil in the near future. These Sundry Notices will include the bond number, effective date and a statement agreeing to be responsible under the terms and conditions of the lease.

Please contact the undersigned if there are any questions. Thank you.

Sincerely,

  
James M. Pachulski  
Staff Regulatory Specialist

JMP:ka

cc: Balcron Oil

Maxus Energy Corporation  
717 North Harwood Street  
Dallas, Texas 75201  
214 953-2000

11/1/91

**MAXUS**

TO: INTEREST OWNERS                      SALES OF WELLS

MAXUS HAS SOLD ALL THEIR NORTH DAKOTA, MONTANA, UTAH, AND  
WYOMING (EXCEPT ALPHA FIELD in WYOMING) EFFECTIVE 11/1/91.

TO: BALCON OIL & GAS CO  
P. O. BOX 21017  
BILLINGS, MT 59104                      PRODUCTION DEPT / JENICE FUGERE

PH: 406/259-7860

IT IS MY UNDERSTANDING THAT MAXUS WILL OPERATE THESE WELLS UNTIL  
NOVEMBER 1, 1991, ~~BUT THAT IS SUBJECT TO CHANGE.~~ I JUST WANTED TO  
GIVE YOU THEIR NAME AND ADDRESS.

*Nancy Lawrence*

Nancy Lawrence / 214/953-2177  
Oil Accounting

RECEIVED

NOV 29 1991

DIVISION OF  
OIL GAS & MINING



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
VERNAL DISTRICT OFFICE  
170 SOUTH 500 EAST  
VERNAL, UTAH 84078



IN REPLY REFER TO:

3162.3  
UT08438

JAN 02 1992

Equitable Resources Energy Company  
Attn: Bobbie Schuman  
P.O. Box 21017  
Billings, Montana 59104

*43-013-30671*  
Re: Well No. Paiute Federal 14-4  
SWSW, Sec. 4, T9S, R17E  
Lease U-7978  
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 Ed Forsman of this office at (801) 789-1362.

Sincerely,

Howard B. Cleavenger II  
Assistant District Manager for Minerals

cc: Maxus Exploration Company  
Gavilan Operating  
Walker Energy Group

**RECEIVED**

JAN 06 1992

DIVISION OF  
OIL, GAS & MINING

Routing:	
1-LCR	
2-DTS	
3-VLC	
4-RJF	
5-RWM	
6-ADA	7-LCR

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

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

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 11-1-91)

(new operator) BALCRON OIL  
 (address) P. O. BOX 21017  
1601 LEWIS AVENUE BUILDING  
BILLINGS, MT 59104  
 phone (406 ) 259-7860  
 account no. N9890 (12-5-91)

FROM (former operator) MAXUS EXPLORATION COMPANY  
 (address) 717 N. HARWOOD, STE 2900  
DALLAS, TX 75201.  
JAMES PACHULSKI (WYO)  
 phone ( 307 ) 266-1882  
 account no. N 0865

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

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

OPERATOR CHANGE DOCUMENTATION

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 10-10-91)*
2. (Rule R615-8-10) Sundry or other legal documentation has been received <sup>““</sup> from new operator (Attach to this form). *(Rec'd 10-9-91)*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: dba 097441. *(Owned by Equitable Resources Energy Company # 134640)*
4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(1-10-92)*
6. Cardex file has been updated for each well listed above. *(1-13-92)*
7. Well file labels have been updated for each well listed above. *(1-13-92)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(1-10-92)*
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

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

VERIFICATION (Fee wells only)

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

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

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

INDEXING

1. All attachments to this form have been microfilmed. Date: \_\_\_\_\_ 19\_\_\_\_.

INDEXING

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

REMARKS

11007 Btm/Vernal "No documentation as of yet."

911025 Btm/Vernal "Have documentation - not approved as of yet." Will notify DiBm when approved.

911125 Btm/Vernal " "

911231 Btm/Vernal " "

920110 Baleron/Bobby Schuman Reg. Transfer of Authority to inject "Perrette Bench Unit #4" and 34-35 Sundry for operator change "Castlepeak St. 43-16"



UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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

## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• ATTN NANCY LAWRENCE  
MAXUS EXPLORATION COMPANY  
717 N. HARWOOD, STE 2900  
DALLAS TX 75201-

Utah Account No. \_\_\_\_\_  
N0865  
Report Period (Month/Year) \_\_\_\_\_  
12 / 91  
Amended Report

Well Name	Producing Zone	Days Oper	Production Volume		
API Number    Entity    Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
ALLEN FEDERAL 12-6					
✓ 4301330582 01135 09S 17E 6	GRRV				
ALLEN FEDERAL 21-5					
✓ 4301330612 01140 09S 17E 5	GRRV				
CASTLE PK FED. 22-15					
✓ 4301330634 01150 09S 16E 15	GRRV				
CASTLE PK FED 24-15					
✓ 4301330631 01160 09S 16E 15	GRRV				
CASTLE PK FED 31-15					
✓ 4301330613 01165 09S 16E 15	GRRV				
CASTLE PK FED 33-15					
✓ 4301330632 01170 09S 16E 15	GRRV				
CASTLE PK FED 42-15					
✓ 4301330633 01175 09S 16E 15	GRRV				
CASTLE PK FED 44-10					
✓ 4301330630 01180 09S 16E 10	GRRV				
CASTLE PK ST 43-16					
4301330594 01181 09S 16E 16	GRRV	✓	<i>ML-16532 (Have Dec. fr. Mexico - Need dec. fr. Ecuador)</i>		
PAIUTE FED 34-8					
✓ 4301330778 01200 09S 17E 8	GRRV				
MCCON FED 44-7					
✓ 4301330666 01205 09S 17E 7	GRRV				
PAIUTE FED 11-17					
✓ 4301330516 01210 09S 17E 17	GRRV				
PAIUTE FED 14-4					
✓ 4301330671 01215 09S 17E 4	GRRV				
TOTAL					

Comments (attach separate sheet if necessary) \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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

Authorized signature \_\_\_\_\_    Telephone \_\_\_\_\_



EQUITABLE RESOURCES ENERGY COMPANY,  
BALCRON OIL DIVISION

1601 Lewis Avenue  
P.O. Box 21017  
Billings, MT 59104  
(406) 259-7860  
FAX: (406) 245-1364

March 4, 1993

State of Utah  
Uintah County  
152 East 100 North  
Vernal, UT 84078

Gentlemen:

Effective March 1, 1993, the name of our company has changed from Balcron Oil Company to Equitable Resources Energy Company, Balcron Oil Division.

Please make the necessary changes in your records and let me know if there is anything else we need to do in order to effect the change for the 1993 Uintah County Business License.

Sincerely,

*Bobbie Schuman*

Bobbie Schuman  
Coordinator of Operations,  
Environmental and Regulatory Affairs

/rs

RECEIVED

MAR 08 1993

DIVISION OF  
OIL GAS & MINING



# MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• DAWN SCHINDLER  
BALCRON OIL  
PO BOX 21017  
BILLINGS MT 59104

Utah Account No. N9890

Report Period (Month/Year) 1 / 93

Amended Report

Well Name				Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location				Oil (BBL)	Gas (MSCF)	Water (BBL)
<del>4301330612</del>	ALLEN FEDERAL 21-5	01140	09S 17E 5	GRRV				
<del>4301330634</del>	CASTLE PK FED. 22-15	01150	09S 16E 15	GRRV				
<del>4301330631</del>	CASTLE PK FED 24-15	01160	09S 16E 15	GRRV				
<del>4301330613</del>	CASTLE PK FED 31-15	01165	09S 16E 15	GRRV				
<del>4301330632</del>	CASTLE PK FED 33-15	01170	09S 16E 15	GRRV				
<del>4301330633</del>	CASTLE PK FED 42-15	01175	09S 16E 15	GRRV				
<del>4301330630</del>	CASTLE PK FED 44-10	01180	09S 16E 10	GRRV				
<del>4301330594</del>	CASTLE PK ST 43-16	01181	09S 16E 16	GRRV				
<del>4301330778</del>	PAIUTE FED 34-8	01200	09S 17E 8	GRRV				
<del>4301330666</del>	MOCON FED 44-7	01205	09S 17E 7	GRRV				
<del>4301330516</del>	PAIUTE FED 11-17	01210	09S 17E 17	GRRV				
<del>4301330671</del>	PAIUTE FED 14-4	01215	09S 17E 4	GRRV				
<del>4301330675</del>	PAIUTE FED 24-8	01220	09S 17E 8	GRRV				
TOTAL								

Comments (attach separate sheet if necessary) \_\_\_\_\_

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

Authorized signature \_\_\_\_\_ Telephone \_\_\_\_\_

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

Routing:

1-LEC	7-21X
2-DTS	18-LEC
3-VLC	✓
4-RJF	✓
5-RWM	✓
6-ADA	✓

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

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

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 3-1-93)

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY CO FROM</u>	(former operator)	<u>BALCRON OIL</u>
(address)	<u>BALCRON OIL DIVISION</u>	(address)	<u>PO BOX 21017</u>
	<u>PO BOX 21017</u>		<u>BILLINGS MT 59104</u>
	<u>BILLINGS MT 59104</u>		
	phone <u>(406) 259-7860</u>		phone <u>(406) 259-7860</u>
	account no. <u>N 9890</u>		account no. <u>N9890</u>

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

Name: <b>**ALL WELLS**</b>	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- Sec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 3-8-93)*
- Sec 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: 134640.
- \* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Sec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(3-19-93)*
- Sec 6. Cardex file has been updated for each well listed above. *(3-19-93)*
- Sec 7. Well file labels have been updated for each well listed above. *(3-19-93)*
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(3-19-93)*
- Sec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

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

BOND VERIFICATION (Fee wells only) \*930319 Re'd bond rider eff. 3-4-93.

- 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. #5578314/80,000 Belton Oil, A Division of Equitable Resources Energy Company.
- 2. A copy of this form has been placed in the new and former operators' bond files. \*Upon completion of routing.
- 3. The former operator has requested a release of liability from their bond (yes/no)     . Today's date                      19    . If yes, division response was made by letter dated                      19    .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

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

MICROFILMING

- 1. All attachments to this form have been microfilmed. Date: March 30 1993.

FILED

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

COMMENTS

930308 Btm/S.L. No change necessary, they always recognized company name as "Equitable Resources Energy Company, Belton Oil Division".

DALEN Resources  
Oil & Gas Co.



August 29, 1995

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

RE: Federal 14-4H, 34-5H & 44-5H  
Operator Change  
Pleasant Valley Unit  
Duchesne County, Utah

Gentlemen:

Attached is an original and two (2) copies of Form 3160-5 for each of the referenced wells changing the designated operator from Equitable Resources Energy Company to DALEN Resources Oil & Gas Co. This operator change is pursuant to the Pleasant Valley Unit Agreement #UTU74477X effective September 1, 1995. These sundries also request approval to change the names of the wells to be consistent with the other unit wells.

If you have any questions or need further information, please contact the undersigned at 214/692-4537.

Very truly yours,

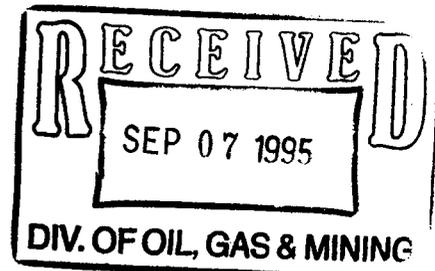
A handwritten signature in cursive script that reads "Cindy R. Keister".

Cindy R. Keister  
Regulatory Compliance Specialist

CRK/ck

Attachments

cc: Utah Division Oil, Gas & Mining  
S. Reed - Midland District Office  
R. Miller - Vernal Field Office  
Regulatory File  
Central File





IN REPLY REFER TO:

# 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  
3162.3  
UT08438

September 7, 1995

Dalen Resources Oil & Gas Co.  
Attn: Cindy R. Keister  
6688 N Central Expressway, Suite 1000  
Dallas, TX 75206

Re: Well No. Federal 14-4H  
SWSW, Sec. 4, T9S, R17E  
Lease U-7978  
Duchesne County, Utah

Dear Ms. Keister:

This correspondence is in regard to the Sundry Notice submitted requesting a name change and the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, both changes are approved. Effective immediately, Dalen Resources Oil & Gas Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. WY2554, 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,

*Jerry Kenczka*  
Jerry Kenczka  
Assistant District Manager for  
Minerals Resources

cc: Equitable Resources Energy Co.  
Fred Lieber

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

Routing:

1-LEC 7-PL	✓
2-LWP 8-SJ	✓
3-DPS 9-FILE	✓
4-VLC	✓
5-RJF	✓
6-LWP	✓

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

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

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 9-1-95)

TO (new operator) DALEN RESOURCES OIL & GAS  
 (address) 6688 N CENTRAL EXP #1000  
DALLAS TX 75206-3922  
 phone (214) 750-3800  
 account no. N 3300

FROM (former operator) EQUITABLE RESOURCES COMPANY  
 (address) BALCRON OIL DIVISION  
PO BOX 21017  
BILLINGS MT 59104  
 phone (406) 259-7860  
 account no. N 9890

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

**\*PLEASANT VALLEY UNIT**

Name: <u>FEDERAL 14-4H/GRRV</u>	API: <u>43-013-30671</u>	Entity: <u>1215</u>	Sec <u>4</u> Twp <u>9S</u> Rng <u>17E</u>	Lease Type: <u>U7978</u>
Name: <u>FEDERAL 34-5H/GRRV</u>	API: <u>43-013-30721</u>	Entity: <u>2041</u>	Sec <u>5</u> Twp <u>9S</u> Rng <u>17E</u>	Lease Type: <u>U020252</u>
Name: <u>FEDERAL 44-5H/GRRV</u>	API: <u>43-013-30913</u>	Entity: <u>2044</u>	Sec <u>5</u> Twp <u>9S</u> Rng <u>17E</u>	Lease Type: <u>U020252</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- lec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd)*
- lec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 9-7-95)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- lec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- lec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(9-13-95)*
- lec 6. Cardex file has been updated for each well listed above. *9-18-95*
- lec 7. Well file labels have been updated for each well listed above. *9-18-95*
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(9-13-95)*
- 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**

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

**BOND VERIFICATION (Fee wells only)**

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

**LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY**

- Y/A* 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated                      19    , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested. *2/5 9/11/95*
- N/A* 2. Copies of documents have been sent to State Lands for changes involving **State Leases**.

**FILMING**

1. All attachments to this form have been microfilmed. Date: September 26 19 95.

**FILING**

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

**COMMENTS**

*950913 BLM/Vernal Apr. 9-7-95 et. 9-1-95.*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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

SUNDRY NOTICES AND REPORTS ON WELLS

AUG 30 1995

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

SUBMIT IN TRIPLICATE

RECEIVED  
SEP 11 1995  
DIV. OF OIL, GAS & MINING

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
DALEN Resources Oil & Gas Co.

3. Address and Telephone No.  
6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)  
660' FSL & 660' FWL SW/4 SW/4  
Section 4, T9S-R17E

5. Lease Designation and Serial No.

U-007978

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement, Designation

Pleasant Valley Unit

8. Well Name and No.

Federal 14-4H

Well No.

43-013-30671

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, Utah

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment

TYPE OF ACTION

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

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

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.)\*

DALEN Resources requests approval to change the well name from Paiute Federal No. 14-4 to Federal 14-4H to be consistent with the other wells within the unit. DALEN will assume operations of the Federal 14-4H pursuant to the terms and conditions of the Pleasant Valley Unit Agreement #UTU74477X effective September 1, 1995.

Bond coverage for this well is provided by our nationwide bond No. 2554 (surety #U-187011).

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

Signed Crashy B. Reister Title Regulatory Compliance Specialist Date 08/25/1995

(This space for Federal or State office use)

Approved by Edward A. [Signature] Title Assistant District Manager Minerals Date SEP 7 1995

Conditions of approval, if any:

CC: UTAH DOGM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**RECEIVED**  
SEP 11 1995  
U-007978  
DIV OF OIL, GAS & MINING

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No. U-007978  
6. If Indian, Allottee or Tribe Name n/a  
7. If Unit or CA, Agreement Designation Pleasant Valley Unit UTU74477X  
8. Well Name and No. Paiute Federal #14-4  
9. API Well No. 43-013-30671  
10. Field and Pool, or Exploratory Area Monument Butte/Green River  
11. County or Parish, State Duchesne County, UTAH

1. Type of Well  
 Oil Well  Gas Well  Other  
2. Name of Operator Equitable Resources Energy Company, Balcron Oil Division  
3. Address and Telephone No. 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860  
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SW SW Section 4, T9S, R17E 660' FSL, 660' 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.)\*

This well falls within the newly-formed Pleasant Valley Unit. The Operator of that unit is Dalen Resources; 6688 North Central Expressway; Suite 1000; Dallas, TX 75206. As Unit operator, Dalen Resources will be the operator of this well and Equitable Resources Energy Company, Balcron Oil Division relinquishes operations. This change is effective September 1, 1995.

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

**RECEIVED**  
AUG 31 1995

14. I hereby certify that the foregoing is true and correct  
Signed Dobbie Schuman Title Regulatory and Environmental Specialist Date August 29, 1995  
(This space for Federal or State Office use)  
Approved by [Signature] Title ASSISTANT DISTRICT MANAGER MINERALS Date SEP 7 1995  
Conditions of approval, if any:

**ENSERCH  
EXPLORATION** INC

4849 Greenville Ave., Suite 1200  
Dallas, Texas 75206-4186  
214/369-7893

January 11, 1996

Bureau of Land Management  
Utah State Office  
324 South State  
Salt Lake City, UT 84111

Attention: Mr. Chris Merritt

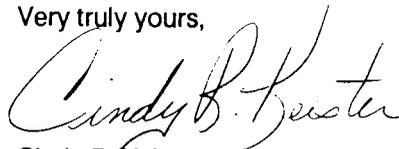
RE: Operator Name Change

Dear Mr. Merritt:

DALEN Resources Oil & Gas Co. has been merged into Enserch Exploration, Inc. effective January 1, 1996. Attached is a list of the properties that were operated by DALEN Resources and a copy of the Certificate of Merger from the Secretary of the State of Texas. Please change the operator name on these properties. Enserch Exploration, Inc. operates under Nationwide Bond No. 203826, BLM assigned No. MT-0680.

If you have any questions or need further information, please contact the undersigned at (214) 987-6363.

Very truly yours,



Cindy R. Keister  
Regulatory Compliance Specialist

CRK/ck

Attachments

cc: Vernal BLM Office w/attachments

(MERGER)

Routing:

1- LRC / GEM
2- DTS / FILE
3- VLD / FILE
4- RJF
5- LRC
6- SJ

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

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

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

TO (new operator) <u>ENSERCH EXPLORATION INC</u>	FROM (former operator) <u>DALEN RESOURCES OIL &amp; GAS</u>
(address) <u>4849 GREENVILLE AVE STE 1200</u>	(address) <u>6688 N CENTRAL EXP #1000</u>
<u>DALLAS TX 75206</u>	<u>DALLAS TX 75206-3922</u>
<u>CINDY KEISTER</u>	<u>CINDY KEISTER</u>
phone <u>(214) 987-6353</u>	phone <u>(214) 987-6353</u>
account no. <u>N4940 (1-29-96)</u>	account no. <u>N3300</u>

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

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

OPERATOR CHANGE DOCUMENTATION

- Lec* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 1-22-96)*
- Lec* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 1-22-96)*
- Lec* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? *(yes/no)* \_\_\_\_ If yes, show company file number: *#171513. (c# 1-4-95)*
- Lec* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Lec* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(2-12-96)*
- Lec* 6. Cardex file has been updated for each well listed above. *(2-12-96)*
- Lec* 7. Well file labels have been updated for each well listed above. *(2-12-96)*
- Lec* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(2-12-96)*
- 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**

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

**BOND VERIFICATION (~~Fee wells only~~)** *Trust Lands / Bond & Lease update in progress!*

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

**LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY**

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested. *OK 2/15/96*
- N/A* 2. Copies of documents have been sent to State Lands for changes involving State leases.

**FILMING**

- VDR* 1. All attachments to this form have been microfilmed. Date: March 13 19 96

**FILING**

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

**COMMENTS**

*960212 BLM/SL Appr. & A. 12-31-95.*

UTAH WELLS  
ENSERCH EXPLORATION, INC.

1/11/96

UNIT	WELL		LSE NO.	API NO.	QTR	SEC.	TWN	RANGE	COUNTY
*	Federal	11- 4G	U-30096	✓ 43-013-31250	NW NW	4	9S	16E	Duchesne
*	Federal	12- 4G	U-30096	✓ 43-013-3699	SW NW	4	9S	16E	Duchesne
✓ *	Federal	21- 4G	U-30096	43-013-31272	NE NW	4	9S	16E	Duchesne
*	Federal	31- 4G	U-30096	✓ 43-013-31228	NW SE	4	9S	16E	Duchesne
*	Federal	42- 4G	U-30096	✓ 43-013-30638	SE NE	4	9S	16E	Duchesne
*	Federal	21- 5G	U-30096	✓ 43-013-30698	NE NW	5	9S	16E	Duchesne
*	Federal	22- 5G	U-30096	✓ 43-013-31273	SE NW	5	9S	16E	Duchesne
*	Federal	23- 5G	U-30096	✓ 43-013-31207	NE SW	5	9S	16E	Duchesne
*	Federal	31- 5G	U-30096	✓ 43-013-31252	NW NE	5	9S	16E	Duchesne
✓ *	Federal	32- 5G	U-30096	43-013-30670	SW NE	5	9S	16E	Duchesne
✓ *	Federal	41- 5G	U-30096	43-013-31205	NE SW	5	9S	16E	Duchesne
*	Federal	43- 5G	U-034217-A	43-013-30858	NE SE	5	9S	16E	Duchesne
*	Federal	13- 33B	U-49092	✓ 43-013-31277	NW SW	33	8S	16E	Duchesne
✓ *	Federal	14- 33B	U-49092	43-013-31229	SW SW	33	8S	16E	Duchesne
*	Federal	23- 33B	U-49092	✓ 43-013-31251	NE SW	33	8S	16E	Duchesne
*	Federal	24- 33B	U-49092	✓ 43-013-31214	SE SW	33	8S	16E	Duchesne
*	Federal	33- 33B	U-49092	✓ 43-013-31268	NW SE	33	8S	16E	Duchesne
✓ *	Federal	34- 33B	U-49092	43-013-31269	SW SE	33	8S	16E	Duchesne
✓ *	Federal	43- 33B	U-49092	43-013-31240	NE SE	33	8S	16E	Duchesne
*	Federal	44- 33B	U-49092	✓ 43-013-31270	SE SE	33	8S	16E	Duchesne
*	Federal	13- 34B	U-47171	✓ 43-013-31271	NW SW	34	8S	16E	Duchesne
✓ *	Federal	14- 34B	U-47171	43-013-31225	SW SW	34	8S	16E	Duchesne
*	Federal	23- 34B	U-47171	✓ 43-013-31241	NE SW	34	8S	16E	Duchesne
✓ **	Federal	14- 4	U-07978	✓ 43-013-30671	SW SW	4	9S	17E	Duchesne
**	Federal	34- 5	UTU-72108	✓ 43-013-30721	SW SE	5	9S	17E	Duchesne
**	Federal	44- 5	UTU-72108	✓ 43-013-30913	SE SE	5	9S	17E	Duchesne
**	Federal	12- 8H	U-10760	✓ 43-013-30680	SW NW	8	9S	17E	Duchesne
**	Federal	21- 8H	U-10760	✓ 43-013-31460	NE NW	8	9S	17E	Duchesne
**	Federal	22- 8H	U-10760	✓ 43-013-31457	SE NW	8	9S	17E	Duchesne
**	Federal	31- 8H	U-10760	✓ 43-013-30679	NW NE	8	9S	17E	Duchesne
**	Federal	32- 8H	U-10760	✓ 43-013-30542	SW NE	8	9S	17E	Duchesne
**	Federal	41- 8H	U-10760	✓ 43-013-30741	NE NE	8	9S	17E	Duchesne
**	Federal	42- 8H	U-10760	✓ 43-013-30678	SE NE	8	9S	17E	Duchesne
	Federal	24- 15H	U-10760	✓ 43-013-30681	SE SW	15	9S	17E	Duchesne
**	Federal	11- 9H	U-50750	✓ 43-013-30887	NW NW	9	9S	17E	Duchesne
**	Federal	12- 9H	U-50750	✓ 43-013-30983	SW NW	9	9S	17E	Duchesne
**	Federal	13- 9H	U-50750	✓ 43-013-30656	NW SW	9	9S	17E	Duchesne
**	Federal	14- 9H	U-50750	✓ 43-013-31459	SW SW	9	9S	17E	Duchesne
	Federal	32-29	U-19267	✓ 43-047-31175	SWNE	29	9S	18E	WINSTAH

30699  
W/W

30698

W/W  
W/W

W/W

W/W  
W/W

W/W

ORL

POW

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

FEB 12 1996

IN REPLY REFER TO:  
3100  
U-01470A et al  
UT-923

FEB 09 1996

### NOTICE

Enserch Exploration, Inc. : Oil and Gas  
4849 Greenville Ave., Suite 1200 : U-01470A et al  
Dallas, Texas 75206-4186 :

### Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of DALEN Resources Oil & Gas Co. into Enserch Exploration, Inc. with Enserch Exploration, Inc. being the surviving entity.

For our purposes, the merger is recognized effective December 31, 1995 (Secretary of State's approval date).

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

If you identify other leases in which the merging entity maintains an interest, please contact this office and we will appropriately document those files with a copy of this notice.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from DALEN Resources Oil & Gas Co. to Enserch Exploration, Inc. on Bond No. U1870111 (BLM Bond No. WY2554). This is a nationwide bond held in the Wyoming State Office. Enserch Exploration, Inc. has a nationwide bond, No. 203826 (BLM Bond No. MT0680) on file in the Montana State Office. Only one of the bonds is required to cover liabilities for lease obligations. However, both bonds will remain in effect until the principal/obligor advises the appropriate BLM State Office which bond it wishes to maintain and which bond it wishes to have the period of liability terminated. A rider, assuming any and all liabilities of the bond you wish to terminate must be submitted for approval to the appropriate BLM State Office. If you have any questions concerning the bonding, please contact Irene Anderson at (801) 539-4108.

/s/ ROBERT LOPEZ

Chief, Branch of Mineral  
Leasing Adjudication

### Enclosure

1. Exhibit (1p)

bc: State of Utah, Division of Oil, Gas & Mining, Attn: Lisha Cordova,  
3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1204  
MMS-Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217  
Moab District Office  
Vernal District Office  
Teresa Thompson (UT-920)  
Irene Anderson (UT-923)

## Exhibit of Leases

U-01470A	U-0143521A	U-52765	UTU-68328
U-01790	U-0147541	U-55626	UTU-68330
U-02896A	U-0147541A	U-58546	UTU-68338
U-03505	U-2838	U-61052	UTU-68346
U-03576	U-7206	U-61189	UTU-68347
U-013429A	U-10291	U-62657	UTU-68348
U-013765	U-10760	UTU-65218	UTU-68388
U-013766	U-11385	UTU-65472	UTU-68402
U-013767	U-13905	UTU-65615	UTU-68544
U-013769	U-14236	UTU-65949	UTU-68548
U-013769A	U-15392	UTU-66004	UTU-68619
U-013769B	U-16535	UTU-66027	UTU-68624
U-013769C	U-16539	UTU-66033	UTU-68625
U-013792	U-16544	UTU-66184	UTU-68626
U-013793	U-17036	UTU-66185	UTU-68627
U-013793A	U-17424	UTU-66193	UTU-68631
U-013794	U-19267	UTU-66484	UTU-69024
U-013818A	U-30096	UTU-66743	UTU-69166
U-013820	U-39221	UTU-67168	UTU-69482
U-013821A	U-39713	UTU-67841	UTU-72104
U-017713	U-39714	UTU-67857	UTU-73087
U-035316	U-40026	UTU-67996	UTU-73089
U-037164	U-47171	UTU-67997	UTU-73433
U-0141644	U-49092	UTU-68108	UTU-73512
U-0143519	U-50750	UTU-68109	UTU-74805
U-0143520A	U-51081	UTU-68316	UTU-74806
U-034217A	U-07978	UTU-72108	UTU-74872

Wells Draw Unit (UTU-72613A)  
West Willow Creek Unit (UTU-73218X)  
Pleasant Valley Unit (UTU-74477X)



# The State of Texas

## SECRETARY OF STATE CERTIFICATE OF MERGER

The undersigned, as Secretary of State of Texas, hereby certifies that the attached Articles of Merger of

DALEN CORPORATION  
a Delaware no permit corporation  
with  
ENSERCH EXPLORATION, INC.  
a Texas corporation

have been received in this office and are found to conform to law. ACCORDINGLY, the undersigned, as Secretary of State, and by virtue of the authority vested in the Secretary by law, hereby issues this Certificate of Merger.

Dated December 19, 1995.

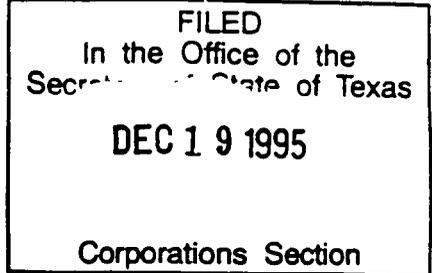
Effective December 31, 1995 04:55 PM



*Antonio O. Garza, Jr.*

Antonio O. Garza, Jr.  
Secretary of State

**ARTICLES OF MERGER OF**  
**DALEN Corporation**  
**INTO**  
**Enserch Exploration, Inc.**



Pursuant to the provisions of Article 5.16 of the Texas Business Corporation Act, Enserch Exploration, Inc., a corporation organized under the laws of the State of Texas ("Parent Corporation"), and owning at least ninety percent of the shares of DALEN Corporation, a corporation organized under the laws of the State of Delaware ("Subsidiary Corporation"), hereby executes the following Articles of Merger:

1. The name of the Parent Corporation is Enserch Exploration, Inc. The name of the Subsidiary Corporation is DALEN Corporation. Enserch Exploration, Inc. is incorporated in Texas, and DALEN Corporation is incorporated in Delaware.
2. The following is a copy of resolutions of the Board of Directors of Enserch Exploration, Inc. or Parent Corporation ("Enserch") adopted on December 5, 1995:

"WHEREAS Section 5.16 of the Texas Business Corporation Act permits short-form mergers if the subsidiary is a foreign corporation and the parent is a Texas corporation, provided that this procedure is permitted by the laws of the foreign corporation's jurisdiction of incorporation and

"WHEREAS Section 253 of the General Corporation Law of Delaware provides for short-form mergers between a domestic subsidiary corporation and a foreign parent corporation,

"RESOLVED, That DALEN Corporation, a Delaware corporation ("DALEN"), which is a wholly-owned subsidiary of Enserch, merge with and into Enserch Exploration, Inc. pursuant to Section 5.16 of the Texas Business Corporation Act (the 'Merger'), effective as of 4:55 P.M., Dallas, Texas time, on December 31, 1995, and that Enserch Exploration, Inc. assume all of the obligations of DALEN at such time; and

**"FURTHER RESOLVED,** That the proper officers of this Company are hereby authorized and empowered to file with the Secretary of State of the State of Texas Articles of Merger and with the Secretary of State of Delaware a Certificate of Ownership and Merger to effect the Merger of DALEN into this Company and to take, or cause to be taken, all such further action and to execute and deliver or cause to be executed and delivered, in the name of and on behalf of this Company, all such further instruments and documents as any such officer may deem to be necessary or advisable in order to effect the purpose and intent of the foregoing resolutions and to be in the best interests of this Company (as conclusively evidenced by the taking of such action or the execution and delivery of such instruments and documents, as the case may be, by or under the direction of any such officer)."

3. The number of outstanding shares of each class of the Subsidiary Corporation and the number of shares of each class owned by the surviving Parent Corporation is:

Company	Class	No. of Shares Outstanding	No. of Shares Owned by Parent Corporation
Subsidiary Corporation	Common	100	100

4. The laws of Delaware, the jurisdiction under which Subsidiary Corporation is organized, permit such a merger.

Dated this 12th day of December, 1995.

ENSERCH EXPLORATION, INC.

By: J. W. Pinkerton  
 Name: J. W. Pinkerton  
 Title: Vice President and Controller,  
 Chief Accounting Officer



# The State of Texas

SECRETARY OF STATE

I, ANTONIO O. GARZA, JR., Secretary of State of Texas, DO HEREBY CERTIFY that Articles of Merger of **ENSERCH EXPLORATION, INC.** (Charter No. 1323890-00), a **TEXAS** corporation, and **DALEN CORPORATION**, a **DELAWARE (No Permit)** corporation, were filed in this office on **DECEMBER 19, 1995**, for which a certificate of merger was issued; and that according to the terms of the merger the surviving corporation is **ENSERCH EXPLORATION, INC.**, a **TEXAS** corporation.



*IN TESTIMONY WHEREOF, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in the City of Austin, on December 19, 1995.*

*Antonio O. Garza, Jr.*

Antonio O. Garza, Jr.  
Secretary of State

MAC

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 reenter a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.  
UTU74477X

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
PLEASANT VALLEY UNIT

8. Well Name and No.  
SEE BELOW

9. API Well No.  
SEE BELOW

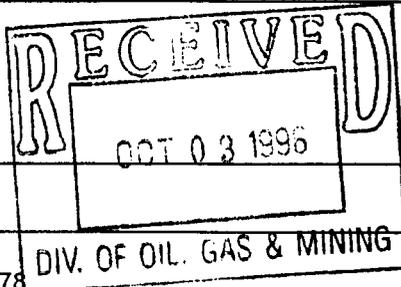
10. Field and Pool, or Exploratory Area

11. County or Parish, State  
DUCHESNE, UTAH

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other



2. Name of Operator

ENSERCH EXPLORATION, INC.

3. Address and Telephone No.

85 SOUTH 200 EAST, VERNAL, UT 84078

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

SEE BELOW

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

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

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

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

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

OPERATOR PROPOSES TO RECLAIM WATER DISPOSAL PITS AND INSTALL ABOVE GROUND TANKS ON WELLS LISTED BELOW. ALL PRODUCED WATER WILL THEN BE FILTERED AND INJECTED INTO OUR PVU WATERFLOOD PROJECT. ALL PITS WILL BE FREE OF HYDROCARBONS BEFORE BACKFILL OPERATIONS COMMENCE.

PVU 34-5-H	SW/SE SEC. 5, T9S, R17E	API #43-013-30721
PVU 12-8-H	SW/NW SEC. 8, T9S, R17E	API #43-013-30680
PVU 23-9-H	NE/SW SEC. 9, T9S, R17E	API #43-013-31206
PVU 12-9-H	SW/NW SEC. 9, T9S, R17E	API #43-013-30983
PVU 14-9-H	SW/SW SEC. 9, T9S, R17E	API #43-013-31459
PVU 41-8-H	NE/NE SEC. 8, T9S, R17E	API #43-013-30741
→ PVU 14-4-H	SW/SW SEC. 4, T9S, R17E	API #43-013-30671

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

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

Signed *Randy D. Miller* Title PROD, SUPERVISOR Date 10/01/96

(This space for Federal or State office use)

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

Conditions of approval, if any:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. -

SUBMIT IN TRIPLICATE

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

5. Lease Designation and Serial No.  
U-007978

6. If Indian, Allottee or Tribe Name  
NA

7. If Unit or CA, Agreement Designation  
Pleasant Valley Unit

8. Well Name and No.  
Federal 14-4H

9. API Well No.  
43-013-30671

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State  
Duchesne County, Utah

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

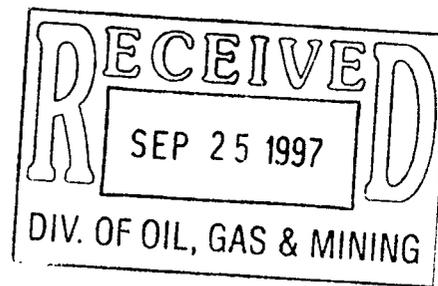
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)  
660' FSL & 660' FWL SW/4 SW/4  
Section 4, T9S-R17E

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

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

Inland Production Company assumes operations of the above mentioned well effective August 16, 1997. Inland Production Company operates under BLM Bond No. UT0056.



14. I hereby certify that the foregoing is true and correct  
 Signed [Signature] Title Attorney-In-Fact Date 08/14/1997

(This space for Federal or State office use)

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

Conditions of approval, if any:

CC: UTAH DOGM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. -

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

5. Lease Designation and Serial No.  
U-007978

6. If Indian, Allottee or Tribe Name  
NA

7. If Unit or CA, Agreement Designation  
Pleasant Valley Unit

8. Well Name and No.  
Federal 14-4H

9. API Well No.  
43-013-30671

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State  
Duchesne County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
ENSERCH EXPLORATION INC.

3. Address and Telephone No.  
4849 Greenville Avenue, Suite 1200, Dallas, Texas 75206-4186 (214) 369-7893

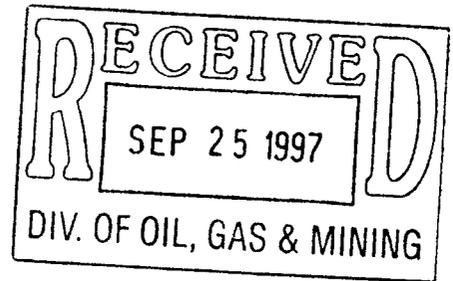
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
660' FSL & 660' FWL SW/4 SW/4  
Section 4, T9S-R17E

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

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

Enserch Exploration Inc. has sold its interest in the PVU #14-4H Federal to Inland Production Company and relinquishes operations effective August 16, 1997. Inland Production Company operates under BLM Bond No. UT0056.



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

Signed [Signature] Title Sr. Production Analyst Date 08/14/1997

(This space for Federal or State office use)

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

Conditions of approval, if any:

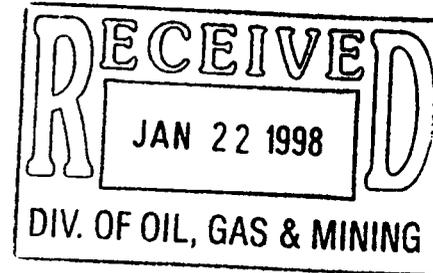
CC: UTAH DOGM



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO  
UT-931

January 15, 1998

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

Re: Pleasant Valley (Green River) Unit  
Duchesne County, Utah

Gentlemen:

*Enserch Expl. Inc. / Blm mailing correction 1-22-98.*  
On January 14, 1998, we received an indenture dated September 1, 1997, whereby ~~Equitable Resources Energy Company~~ resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Pleasant Valley (Green River) Unit, Duchesne County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective January 15, 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 Pleasant Valley (Green River) Unit Agreement.

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

U-931:TAThompson:tt:1/15/98

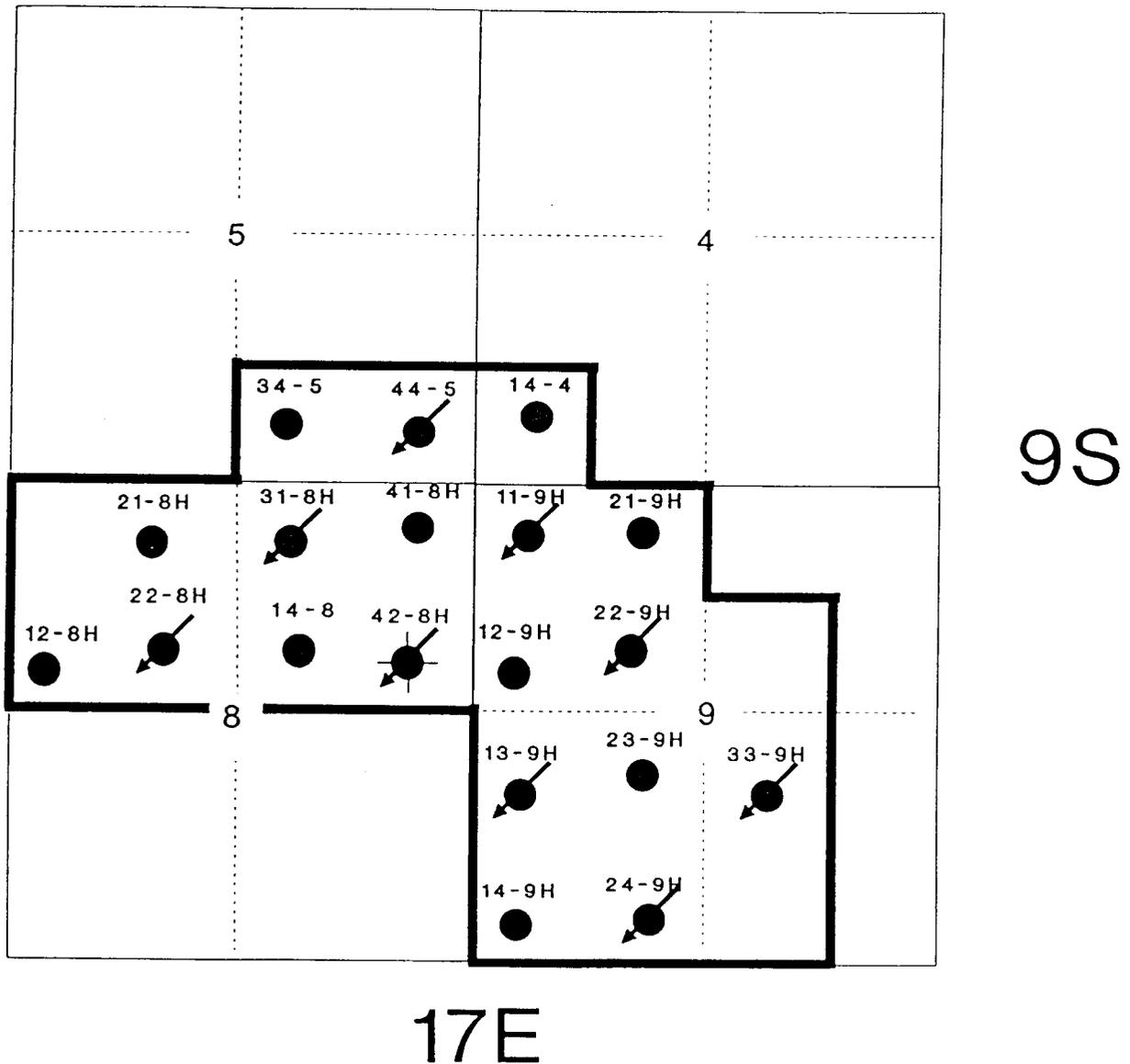
Well Status Report  
Utah State Office  
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
** Inspection Item: UTU74477X								
UTU50750	4301330887	11-9-H FEDERAL	NWNW	9	T	9S	R17E	WIW
UTU10760	4301330680	12-8-H FEDERAL-NGC	SWNW	8	T	9S	R17E	POW
UTU50750	4301330983	12-9-H FEDERAL	SWNW	9	T	9S	R17E	POW
UTU50750	4301330656	13-9H FEDERAL	NWSW	9	T	9S	R17E	WIW
UTU7978	4301330671	14-4 PIUTE-FEDERAL	SWSW	4	T	9S	R17E	POW
UTU10760	4301330542	14-8 POMCO	SWNE	8	T	9S	R17E	OSI
UTU50750	4301331459	14-9H	SWSW	9	T	9S	R17E	POW
UTU10760	4301331460	21-8H	NENW	8	T	9S	R17E	POW
UTU50750	4301331458	21-9H	NENW	9	T	9S	R17E	POW
UTU10760	4301331457	22-8H	SENW	8	T	9S	R17E	WIW
UTU50750	4301331049	22-9H FEDERAL NGC	SENW	9	T	9S	R17E	WIW
UTU50750	4301331206	23-9-H FEDERAL	NESW	9	T	9S	R17E	POW
UTU50750	4301330682	24-9-H FEDERAL-NGC	SESW	9	T	9S	R17E	WIW
UTU10760	4301330679	31-8-H NGC	NWNE	8	T	9S	R17E	WIW
UTU61052	4301331108	33-9H FEDERAL	NWSE	9	T	9S	R17E	WIW
UTU72108	4301330721	34-5 ALLEN-FEDERAL	SWSE	5	T	9S	R17E	POW
UTU10760	4301330741	41-8-H NGC-FEDERAL	NENE	8	T	9S	R17E	POW
UTU10760	4301330678	42-8-H NGC	SENE	8	T	9S	R17E	ABD
UTU72108	4301330913	44-5 ALLEN FEDERAL	SESE	5	T	9S	R17E	WIW

# PLEASANT VALLEY (GR) UNIT

## Duchesne County, Utah

EFFECTIVE: SEPTEMBER 1, 1995



— UNIT OUTLINE (UTU74477X)

880.00 ACRES

SECONDARY ALLOCATION	
FEDERAL	100.00%

INLAND PRODUCTION COMPANY  
 PLEASANT VALLEY (GRRV) UNIT  
 (N5160)

CURRENT ENTITY	NEW ENTITY	API NUMBER	WELL NO.	SEC-T-R	EFF. DATE
01215	12277	43-013-30671	14-4H	04-09S-17E	09-01-97
02041	"	43-013-30721	34-5H	05-09S-17E	"
06057	"	43-013-30542	32-8H	08-09S-17E	"
06085	"	43-013-30741	41-8H	08-09S-17E	"
06140	"	43-013-30680	12-8H	08-09S-17E	"
09830	"	43-013-30983	12-9-H	09-09S-17E	"
10868	"	43-013-31206	23-9-H	09-09S-17E	"
11676	"	43-013-31458	21-9H	09-09S-17E	"
11677	"	43-013-31459	14-9H	09-09S-17E	"
11687	"	43-013-31460	21-8H	08-09S-17E	"
02044	"	43-013-30913	44-5	05-09S-17E	"
06058	"	43-013-30887	11-9H	09-09S-17E	"
11675	"	43-013-31457	22-8H	08-09S-17E	"
10674	"	43-013-31108	33-9H	09-09S-17E	"
10065	"	43-013-31049	22-9H	09-09S-17E	"
06075	"	43-013-30679	31-8H	08-09S-17E	"
06080	"	43-013-30678	42-8H	08-09S-17E	"
06185	"	43-013-30656	13-9H	09-09S-17E	"
06175	"	43-013-30682	24-9H	09-09S-17E	"

**OPERATOR CHANGE WORKSHEET**

1-LEC	6-LEC
2-GLA	7-KAS
3-DTS	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: 8-16-97

TO: (new operator)	<u>INLAND PRODUCTION COMPANY</u>	FROM: (old operator)	<u>ENSERCH EXPLORATION INC</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>6688 N CENTRAL EXP #1000</u>
	<u>ROOSEVELT UT 84066</u>		<u>DALLAS TX 75206-3922</u>
Phone:	<u>(801)722-5103</u>	Phone:	<u>(214)987-7859</u>
Account no.	<u>N5160</u>	Account no.	<u>N4940</u>

WELL(S) attach additional page if needed:

**\*PLEASANT VALLEY (GREEN RIVER) UNIT**

Name: <b>**SEE ATTACHED**</b>	API: <u>43-013-30671</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: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

**OPERATOR CHANGE DOCUMENTATION**

1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(rec'd 9-25-97)*
2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(rec'd 9-25-97)*
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: \_\_\_\_\_
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.
5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(1-22-98) \*KIC QueHrc Pro E DBASE 1-22-98.*
6. **Cardex** file has been updated for each well listed above. *(1-22-98)*
7. Well **file labels** have been updated for each well listed above. *(1-22-98)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(1-22-98)*
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) yes If entity assignments were changed, attach copies of Form 6, Entity Action Form.  
*\* Operator req. that numbers remain as is until further notice. (1-22-98/Kebbie)*
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.  
*\* all wells to entity 12277 1-30-98 eff. 9-1-97; op. reg. E' reviews.*

**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.  
*of 5 1/27/98*
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated     19    , of their responsibility to notify all interest owners of this change.

**FILMING**

- Yes 1. All attachments to this form have been microfilmed. Today's date: 3.2.98

**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**

980122 BLM/SL aprv. eff. 1-15-98.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

JOHN W PEARCE  
 ENSERCH EXPLORATION INC  
 6688 N CENTRAL EXP #1000  
 DALLAS TX 75206-3922

UTAH ACCOUNT NUMBER: N4940

REPORT PERIOD (MONTH/YEAR): 8 / 97

AMENDED REPORT  (Highlight Changes)

Well Name API Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
						OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ FRED MORRIS FED 19-1 4301330587	00451	09S 17E 19	GRRV			U-13905		
FEDERAL 14-4H								
✓ 4301330671	01215	09S 17E 4	GRRV			U-7978	Pleasant Valley Unit	
FEDERAL 34-5H								
✓ 4301330721	02041	09S 17E 5	GRRV			U-020252	"	
CASTLE PEAK FEDERAL 43-5								
4301330858	02043	09S 16E 5	GR-WS			U-034217-A	Wells Draw Unit	
FEDERAL 32-8H								
✓ 4301330542	06057	09S 17E 8	GRRV			U-10760	Pleasant Valley Unit	
NGC 41-8H								
✓ 4301330741	06085	09S 17E 8	GRRV			U-10760	"	
J 41-30								
4301330601	06095	09S 17E 30	GRRV			U-11385		
NGC 12-4G								
4301330699	06100	09S 16E 4	GRRV			U-30096	Wells Draw Unit	
NGC FED 21-5G								
4301330698	06105	09S 16E 5	GRRV			U-30096	"	
FEDERAL 23-5-G								
4301331207	06105	09S 16E 5	GRRV			U-30096	"	
FEDERAL 42-4								
4301330638	06115	09S 16E 4	GRRV			U-30096	"	
✓ NGC 12-8H FEDERAL								
4301330680	06140	09S 17E 8	GRRV			U-10760	Pleasant Valley Unit	
✓ FED NGC 21-15								
4301330614	06145	09S 17E 15	GRRV			U-10760		
<b>TOTALS</b>								

COMMENTS: \* 971027 Partial Change.

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

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-7978**

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

7. If Unit or CA, Agreement Designation  
**PLEASANT VALLEY**

8. Well Name and No.  
**FEDERAL 14-4H**

9. API Well No.  
**43-013-30671**

10. Field and Pool, or Exploratory Area  
**MONUMENT BUTTE**

11. County or Parish, State  
**DUCHESNE COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.  
**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

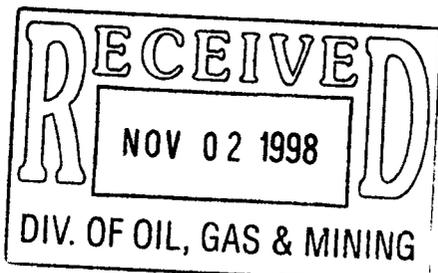
4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**0801 FSL 0652 FWL                      SW/SW Section 4, T09S R17E**

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-ally 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 *Dickie G. Knight* Title Manager, Regulatory Compliance Date 10/28/98

(This space for Federal or State office use)

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

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

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

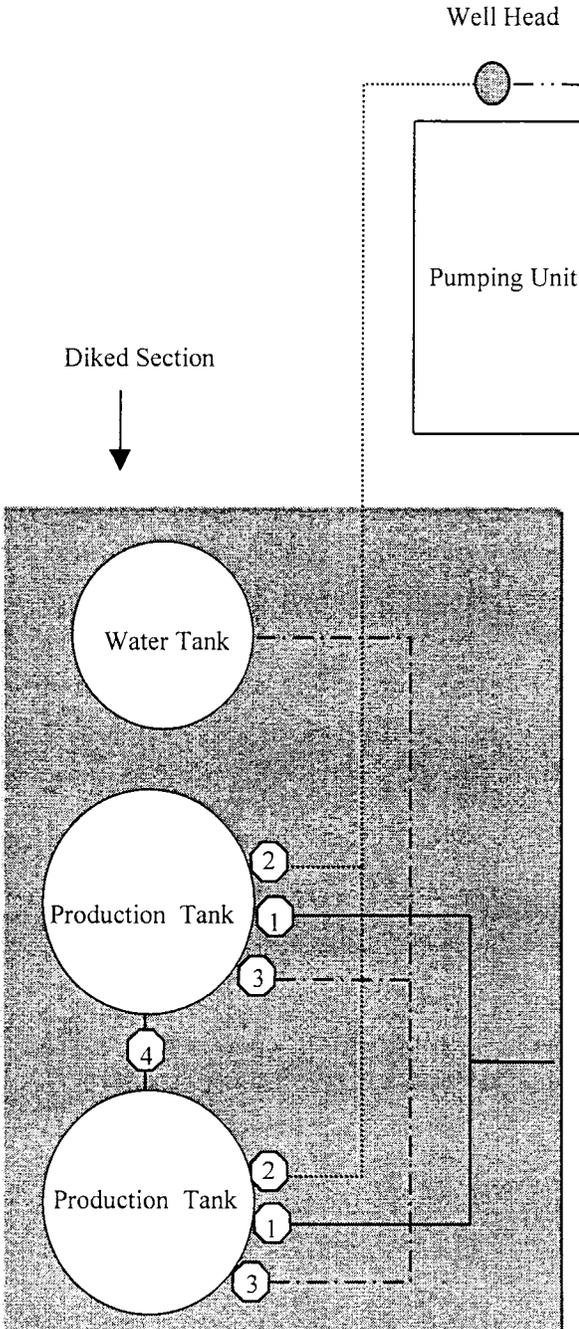
# Inland Production Company Site Facility Diagram

Pleasant Valley Unit 14-4H

SW/SW Sec. 4, T9S, 17E

Duchesne County

May 12, 1998



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

**Production Phase:**

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

**Sales Phase:**

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

**Draining Phase:**

- 1) Valve 3 open

**Legend**

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



## Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

“ARTICLE ONE – The name of the corporation is Newfield Production Company.”

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

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

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



# 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

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

**Merger**

The operator of the well(s) listed below has changed, effective: **9/1/2004**

<b>FROM:</b> (Old Operator): N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	<b>TO:</b> ( New Operator): N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721
---	--

**CA No.** **Unit:** **PLEASANT VALLEY (GR)**

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
FEDERAL 14-4H	04	090S	170E	4301330671	12277	Federal	OW	P
FEDERAL 34-5H	05	090S	170E	4301330721	12277	Federal	OW	P
FEDERAL 44-5H	05	090S	170E	4301330913	12277	Federal	WI	A
FEDERAL 32-8H	08	090S	170E	4301330542	12277	Federal	OW	P
FEDERAL 42-8H	08	090S	170E	4301330678	12277	Federal	WI	A
FED NGC 31-8H	08	090S	170E	4301330679	12277	Federal	WI	A
NGC 12-8H FED	08	090S	170E	4301330680	12277	Federal	OW	P
NGC 41-8H	08	090S	170E	4301330741	12277	Federal	OW	P
FEDERAL 22-8H	08	090S	170E	4301331457	12277	Federal	WI	A
FEDERAL 21-8H	08	090S	170E	4301331460	12277	Federal	OW	P
PVU 4-8-9-17	08	090S	170E	4301332273	12277	Federal	OW	P
FEDERAL 13-9H	09	090S	170E	4301330656	12277	Federal	WI	A
NGC 24-9H FED	09	090S	170E	4301330682	12277	Federal	WI	A
FEDERAL 11-9-H	09	090S	170E	4301330887	12277	Federal	WI	A
FEDERAL 12-9-H	09	090S	170E	4301330983	12277	Federal	OW	P
FEDERAL NGC 22-9-H	09	090S	170E	4301331049	12277	Federal	WI	A
FEDERAL 33-9H	09	090S	170E	4301331108	12277	Federal	WI	A
FEDERAL 23-9-H	09	090S	170E	4301331206	12277	Federal	OW	P
FEDERAL 21-9H	09	090S	170E	4301331458	12277	Federal	OW	P
FEDERAL 14-9H	09	090S	170E	4301331459	12277	Federal	OW	P
PLEASANT VALLEY 7-9-9-17	09	090S	170E	4301332076	12277	Federal	OW	P
PLEASANT VALLEY 15-9-9-17	09	090S	170E	4301332135	12277	Federal	OW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
- Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
- If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 0056

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 61BSBDH2912

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - **received 2/23/05**



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8**

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

**SEP 30 2010**

Ref: 8P-W-GW

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

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

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

RE: Additional Well: Pleasant Valley Area Permit  
UIC Permit No. UT20771-00000  
Well ID: UT20771-08871  
Paiute Federal 14-4H-9-17  
SWSW Sec. 4-T9S-R17E  
Duchesne County, Utah  
API #43-013-30671

Dear Mr. Sundberg:

Newfield Production Company's (Newfield) request to convert the former Green River Formation oil well Paiute Federal 14-4H-9-17 to an enhanced recovery injection well under the Pleasant Valley Area Permit is hereby authorized by the Environmental Protection Agency (EPA), Region 8, under the terms and conditions of the Authorization for Additional Well.

The addition of the proposed 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 Pleasant Valley Area Permit No. UT20771-00000 and subsequent modifications.

Please be aware that Newfield does not have authorization to begin injection operations into the well until all Prior to Commencing Injection requirements have been submitted and evaluated by EPA, and has received written authorization from the Director to begin injection. Please note that the Permit limits injection to the gross interval within the Green River Formation between the depths of 3,980 feet and the top of Wasatch Formation, estimated at 6,050 feet.

**RECEIVED**

**OCT 12 2010**

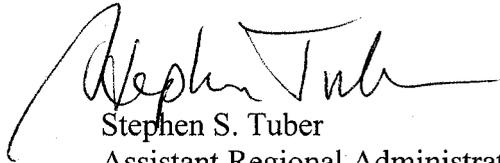
**DIV. OF OIL, GAS & MINING**

Prior to receiving authorization to inject into Paiute Federal 14-4H-9-17, EPA requires Newfield submit for review and approval the results of a Part I (Internal) mechanical integrity test (MIT), a pore pressure calculation of the injection interval and an EPA Form No. 7520-12 (Well Rework Record) with a new schematic diagram. Once these requirements have been approved by EPA, the Director will provide written authorization to inject for a limited period of 180 days during which time a Radioactive Traced Survey (RTS) is required.

The Maximum Allowable Injection Pressure (MAIP) for Paiute Federal 14-4H-9-17 was determined to be 1,410 psig. UIC Area Permit UT20771-00000 also provides the opportunity for the Permittee to request a change in the MAIP based upon results of a Step-Rate Test that demonstrates that the formation breakdown pressure will not be exceeded.

If you have any questions, please call Emmett Schmitz at (303) 312-6174 or 1-(800)-227-8917 (Ext. 312-6174). Please submit the required data to Attention: Jason Deardorff at the letterhead address, citing MAIL CODE: 8P-W-GW very prominently.

Sincerely,



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

Encl: Authorization for Conversion of an Additional Well  
Proposed Conversion Schematic: Paiute Federal 14-4H-9-17  
Proposed P&A Schematic: Paiute Federal 14-4H-9-17

Permit Letter:

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

Daniel Picard, Superintendent  
Uintah & Ouray Indian Agency  
Bureau of Indian Affairs

All Enclosures:

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

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 UT20771-00000**

The Pleasant Valley Unit Final UIC Area Permit UT20771-00000, effective November 6, 1995, authorizes injection for the purpose of enhanced oil recovery in the Monument Butte Field. On July 16, 2010, Newfield Production Company (Newfield) notified the Director concerning the following additional enhanced recovery injection well:

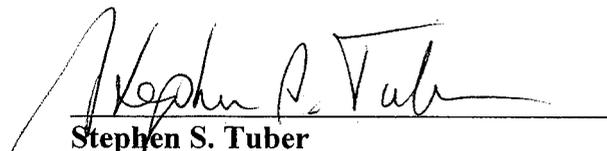
Well Name: Paiute Federal 14-4H-9-17  
EPA Permit ID Number: UT20771-08871  
Location: 652' FWL & 801' FSL  
SWSW Sec. 4-T9S-R17E  
Duchesne County, Utah  
API #43-013-30671

Pursuant to 40 CFR §144.33, Area UIC Permit UT20771-00000 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. UT20771-00000, 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: SEP 30 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: 14-4H-9-17  
EPA Well ID Number: UT20771-08871

### 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 top of the Garden Gulch Member No. 2, of the Green River Formation, at 3,980 feet (ft.) to the top of the Wasatch Formation, at an estimated depth of 6,050 ft.

**Maximum Allowable Injection Pressure (MAIP):** The initial MAIP is 1,410 psig, based on the following calculation:

$$\text{MAIP} = [\text{FG} - (0.433)(\text{SG})] * \text{D}, \text{ where}$$
$$\text{FG} = 0.78 \text{ psi/ft} \quad \text{SG} = 1.015 \quad \text{D} = 4,144 \text{ ft. (top perforation depth KB)}$$
$$\text{Initial MAIP} = 1,410 \text{ psig}$$

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

UIC Area Permit No. UT20771-00000 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, especially the 28-year old percentage cement bond log (CBL), do not satisfactorily demonstrate the presence of adequate cement to prevent the migration of injection fluids behind the casing from the injection zone. The CBL does identify 80% cement bond across the “B” Shale Confining Zone, but in consideration of the age of the annular cement and quality of CBL, EPA considers it prudent to require a Radioactive Tracer Survey within a 180-day limited authorization to inject period to confirm confinement of injectate.

An EPA annotated wellbore diagram is enclosed.

**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 CBLs, which show a questionable interval of 80 percent cement bond index or greater through the confining zone, 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.

**Demonstration of Financial Responsibility:** At the time of issuance of this 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 2,811 ft. to 2,980 ft. unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 161-foot balanced cement plug inside the 5-1/2" casing from approximately 2,811 ft. to 2,980 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 1,453 ft., from approximately 1,393 ft. to 1,513 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 1,393 to 1,513 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 327 ft. to the surface.

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

## **INJECTION WELL-SPECIFIC CONSIDERATIONS**

Well Name: Paiute Federal 14-4H-9-17  
EPA Well ID Number: UT20771-08871

**Underground Sources of Drinking Water (USDWs):** USDWs in the Pleasant Valley 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 approximately near surface in the Paiute Federal 14-4H-9-17 well. Water samples from the Green River Formation taken in conjunction with oil production show that USDWs do occur at deeper depths.

**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 8,845 mg/l on February 16, 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 Paiute Federal 14-4H-9-17 well.

The TDS content of injectate was determined to be 10,446 mg/l on January 5, 2010. The injectate is water from a Monument Butte 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 10,446 mg/l.

**Aquifer Exemption:** 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.

**Confining Zone:** The "B" Shale Confining Zone, which directly overlies the Garden Gulch Member No. 2 of the Green River Formation, is approximately 83 ft. of shale between the depths of 3,897 ft. and 3,980 ft.

Authorization for Additional Well: UIC Area Permit UT20771-00000  
Well: Paiute Federal 14-4H-9-17 EPA Well ID: UT20771-08871

**Injection Zone:** The Injection Zone at this well location is approximately 2,070 ft. of multiple lenticular sand units interbedded with shale, marlstone and limestone from the top of the Garden Gulch Member No. 2 at 3,980 ft. to the top of the Wasatch Formation which is estimated to be at 6,050 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 28-year old percentage Cement Bond Log (CBL) may not show a sufficient interval of continuous 80 percent or greater cement bond index through the Confining Zone (3,897 ft. to 3,980 ft.). 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 277 ft. in a 12-1/4" hole, using 225 sacks Class "G" cement, cemented to the surface.

**Longstring Casing:** 5-1/2" casing is set at 5,948 ft. in a 7-7/8" hole secured with 803 sacks of cement. Total driller depth is 5,948 ft. Plugged back total depth is 5,895 ft. Estimated CBL top of cement is 694 ft.

**Perforations:** Top perforation: 4,144 ft.                      Bottom perforation: 5,582 ft.

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

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

The following three (3) wells that penetrate the confining zone within or proximate to a ¼-mile radius around the Paiute Federal 14-4H-9-17 well were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs. No corrective action is required.

Castle Draw 12-4-9-17 UT20847-04530 API: 43-013-32082 NWSW Sec. 4-T9S-R17E  
Radioactive Tracer Survey, March 29, 2006 was approved by EPA October 19, 2006.

Allen Federal 44-5-9-17 UT20771-04273 API: 43-013-33495 SESE Sec. 5-T9S-R17E  
80% cement bond across "B" Shale Confining Zone.

Pleasant Valley Federal Y-4-9-17 API: 43-013-33496 BHL: NENENE Sec. 8-T9S-R17E  
SL: SWSW Sec. 4-T9S-R17E  
80% cement bond across "B" Shale Confining Zone.

## **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.

# UT 20771-08871 Paiute Federal #14-4H-9-17

Spud Date: 8-18-82  
Put on Production: 10-11-82  
GL: 5250' KB: 5262'

Initial Production: 90 BOPD,  
30 MCFPD, 10 BWPD

## Proposed Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8" *USDWs Near Surface*  
GRADE: K-55  
WEIGHT: 24#  
LENGTH: 6 jts.  
DEPTH LANDED: 277'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 225 sx Class "G", est 2 Bbls emt to surface

*Green River 1453'*  
*Tions 2861-2915'*  
*Mahogany Bench 2915-2930'*

### PRODUCTION CASING

CSG SIZE: 5-1/2" *Garden Gulch Marker 3675'*  
GRADE: K-55  
WEIGHT: 15.5# *"A" shale 3708-3866'*  
LENGTH: 147 jts. *"B" shale CZ 3897-3980'*  
DEPTH LANDED: 5948'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 803 sx Super G  
CEMENT TOP AT: 694'

### TUBING

SIZE/GRADE/WT 2-3/8" / J-55  
NO OF JOINTS: 127 jts(4052.80')  
TUBING ANCHOR: 4062.80'  
NO. OF JOINTS: 48 jts. (1530.55')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5596.10'  
NO. OF JOINTS: 1 jt. (32.05')  
TOTAL STRING LENGTH: FOT @ 5635.80'

### FRAC JOB

9-17-82 5560'-5582' Frac sand as follows:  
28,500 gals Versagel, 32,500# 20/40, and  
10,000# 10/20 sand. Treated w/avg press  
of 1600 psi w/avg rate of 15 BPM. ISIP-  
2210 psi.

9-19-82 5306'-5346' Frac sand as follows:  
36,000 gals Versagel, 40,000# 20/40, and  
10,000# 10/20 sand. Treated w/avg press  
of 2000 psi w/avg rate of 20 BPM ISIP-  
2000 psi, 5 min 1920 psi.

9-22-82 5082'-5113' Frac sand as follows:  
31,000 gals Versagel, 62,500# 20/40,  
and 10,000# 10/20 sand. Treated w/avg  
press of 1600 psi w. avg rate of 15 BPM.  
ISIP-1760 psi, 5 min 1650 psi

9-23-82 4226'-4154' Frac sand as follows:  
42,500 gals Versagel, 40,500# 20/40, and  
10,000# 10/20 sand. Treated w/avg press  
of 1700 psi w/avg rate of 25 BPM ISIP-  
1600 psi, 5 min 1480 psi.

7/29/08

Parted rods. Updated rod & tubing  
details

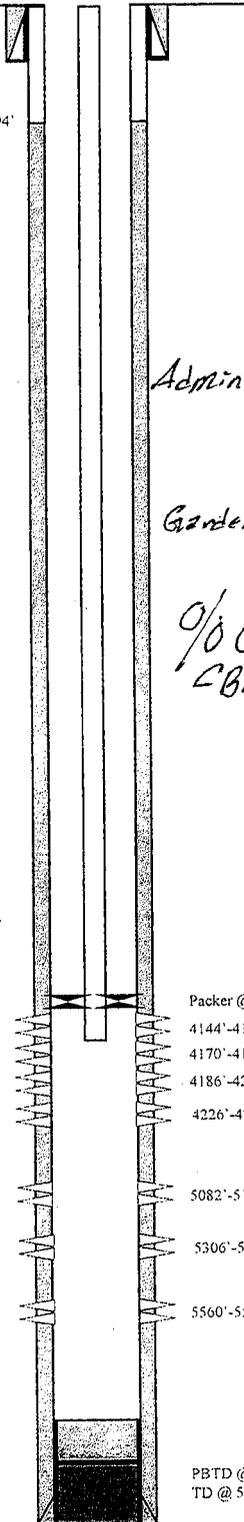
*Admin. CZ 3470-3675'*

*Garden Gulch No. 2 3980'*

*0% CBL 80% Bond 2152'-4712'*  
*CBL dated 9/15/1982*

### PERFORATION RECORD

Date	Depth Range	Tool	Holes
9-22-82	4226'-4235'	2 JSPF	18 holes
9-22-82	4186'-4201'	2 JSPF	30 holes
9-22-82	4170'-4179'	2 JSPF	18 holes
9-22-82	4144'-4154'	2 JSPF	20 holes
9-21-82	5082'-5113'	2 JSPF	62 holes
9-18-82	5306'-5346'	2 JSPF	80 holes
9-16-82	5560'-5582'	2 JSPF	44 holes



Packer @ 4094'

4144'-4154'  
4170'-4179'  
4186'-4201'  
4226'-4235'  
5082'-5113'  
5306'-5346'  
5560'-5582'

*Touglas Creek 4654'*

PBTD @ 5895'  
TD @ 5948'

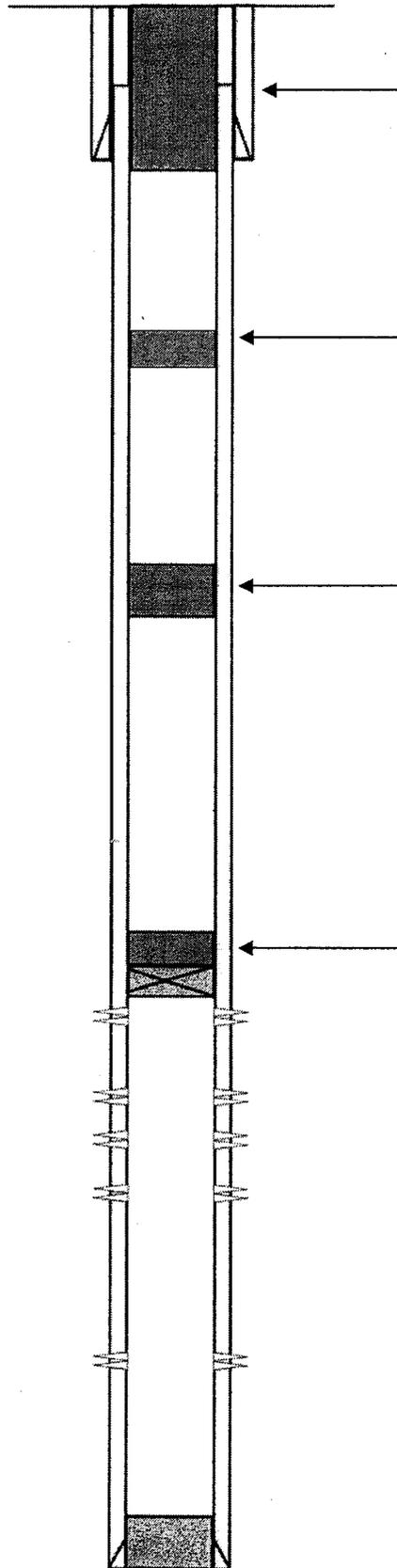
*5925' Basal Carbonate*

*Est. Wapatch 6050'*

**NEWFIELD**

Paiute Federal #14-4  
652 FWL 801 FSL  
SWSW Section 4-T9S-R17E  
Duchesne Co, Utah  
API #43-013-30671; Lease #UTU-7978

## Plugging and Abandonment Diagram Paiute Federal 14-4-9-17



Plug 4: Set a Class "G" cement plug within the 5-1/2 inch casing surface to 327 feet and up the 5-1/2 inch X 8-5/8 inch casing annulus to the surface.

Plug 3: Perforate and squeeze cement up the backside of the casing across the contact between the Uinta Formation and Green River Formation, 1,393 feet - 1,513 feet, unless existing backside cement precludes cement-squeezing this interval. Set a minimum 120-foot balanced cement plug inside the casing from approximately 1,393 feet - 1,513 feet.

Plug 2: Perforate and squeeze cement up the backside of the casing across the Trona Zone and Mahogany Bench from approximately 2,811 feet - 2,980 feet unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 169-foot balanced cement plug inside of the casing approximately 2,811 feet - 2,980 feet.

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.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-07978
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> FEDERAL 14-4H
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>9. API NUMBER:</b> 43013306710000
<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> 0801 FSL 0652 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 04 Township: 09.0S Range: 17.0E Meridian: S		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/9/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" 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 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.

The subject well has been converted from a producing oil well to an injection well on 04/04/2012. On 03/31/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 04/09/2012 the casing was pressured up to 1105 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# UT20771-08871

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
May 03, 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> 4/12/2012	

## 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: 04/09/2012  
 Test conducted by: Lynn Mason  
 Others present: \_\_\_\_\_

Well Name: <u>Painted Federal 14-4H-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>SW/SW</u> Sec: <u>4</u> T <u>9</u> N <u>10</u> R <u>17</u> E/W	County: <u>Duchesne</u>	State: <u>UT</u>
Operator: <u>Newfield</u>		
Last MIT: <u>/</u> / <u>/</u>	Maximum Allowable Pressure: _____	PSIG

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

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<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>1105</u> psig	psig	psig
5 minutes	<u>1105</u> psig	psig	psig
10 minutes	<u>1105</u> psig	psig	psig
15 minutes	<u>1105</u> psig	psig	psig
20 minutes	<u>1105</u> psig	psig	psig
25 minutes	<u>1105</u> psig	psig	psig
30 minutes	<u>1105</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: \_\_\_\_\_



## Daily Activity Report

### Format For Sundry

**FEDERAL 14-4H-9-17**

**1/1/2012 To 5/30/2012**

**4/3/2012 Day: 1**

**Conversion**

Nabors #1608 on 4/3/2012 - MIRUSU NWS #1608. TOO H laying down rod string. - MIRUSU NWS #1608. RD pumping unit. Hot oiler had pumped 60 bw down csg @ 250°. Unseat rod pump & attempt to flush rods & tbg w/ out success. Pump Additional 60 bw down csg @ 250°. Re-attempt to flush rods & tbg. Had to work rod string to get flush. Flushed rods & tbg w/ 35 BW @ 250°. Soft seat rod pump & test tbg to 3000 psi. Slow bleed off. Retrieve rods. TOO H laying down rod string. Get out of hole w/ rods & pump (flushed rods w/ 25 bw on TOO H). SDFN EWTR 185 BBLs.

**Daily Cost:** \$0

**Cumulative Cost:** \$7,352

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**4/4/2012 Day: 2**

**Conversion**

Nabors #1608 on 4/4/2012 - Test well head. TOO H w/ tbg tallying, breaking collars & applying Liquid O-Ring to threads. TIH w/ injection string. - Open well. Attempt to set PKR w/ out success. ND well head. NU BOP. RU work floor. TOO H w/ tbg. Swap out PKR. TIH w/ tbg. Pump 40 bw & drop SV. Pressure up tbg to 3000 psi. Had to bump up numerous times. Left 3000 psi on tbg. SDFN. - G E pack & test well head to 3000 psi. ND well head. Release TAC. NU BOP. RU work floor. TOO H w/ tbg breaking collars & applying Liquid O-Ring to threads. Get out of hole w/ tbg (flushed tbg w/ 30 bw on TOO H). MU Weatherford 5 1/2" AS-1X PKR & TIH w/ injection string @ follows. PSN & 127 jts 2 3/8" tbg. Get in hole w/ tbg. SDFN EWTR 215 BBLs. - G E pack & test well head to 3000 psi. ND well head. Release TAC. NU BOP. RU work floor. TOO H w/ tbg breaking collars & applying Liquid O-Ring to threads. Get out of hole w/ tbg (flushed tbg w/ 30 bw on TOO H). MU Weatherford 5 1/2" AS-1X PKR & TIH w/ injection string @ follows. PSN & 127 jts 2 3/8" tbg. Get in hole w/ tbg. SDFN EWTR 215 BBLs. - G E pack & test well head to 3000 psi. ND well head. Release TAC. NU BOP. RU work floor. TOO H w/ tbg breaking collars & applying Liquid O-Ring to threads. Get out of hole w/ tbg (flushed tbg w/ 30 bw on TOO H). MU Weatherford 5 1/2" AS-1X PKR & TIH w/ injection string @ follows. PSN & 127 jts 2 3/8" tbg. Get in hole w/ tbg. SDFN EWTR 215 BBLs. - Open well. Attempt to set PKR w/ out success. ND well head. NU BOP. RU work floor. TOO H w/ tbg. Swap out PKR. TIH w/ tbg. Pump 40 bw & drop SV. Pressure up tbg to 3000 psi. Had to bump up numerous times. Left 3000 psi on tbg. SDFN. - Open well. Attempt to set PKR w/ out success. ND well head. NU BOP. RU work floor. TOO H w/ tbg. Swap out PKR. TIH w/ tbg. Pump 40 bw & drop SV. Pressure up tbg to 3000 psi. Had to bump up numerous times. Left 3000 psi on tbg. SDFN. - Open well. Flush tbg w/ 30 bw. Drop SV. Pressure up tbg to 3000 psi. Get tbg to test after numerous attempts. Retrieve SV. RD work floor. ND BOP. Land tbg on well head. Pump PKR fluid. Attempt to set PKR w/ out success. SDFN to wait on tool hand. - Open well. Flush tbg w/ 30 bw. Drop SV. Pressure up tbg to 3000 psi. Get tbg to test after numerous attempts. Retrieve SV. RD work floor. ND BOP. Land tbg on well head. Pump PKR fluid. Attempt to set PKR w/ out success. SDFN to wait on tool hand. - Open well. Flush tbg w/ 30 bw. Drop SV. Pressure up tbg to 3000 psi. Get tbg to test after numerous attempts. Retrieve SV. RD work floor. ND BOP. Land tbg on well head. Pump PKR fluid. Attempt to set PKR w/ out success. SDFN to wait on tool hand.

**Daily Cost:** \$0

**Cumulative Cost:** \$16,938

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**4/11/2012 Day: 6**

**Conversion**

## Summary Rig Activity

Rigless on 4/11/2012 - Conduct initial MIT - On 03/31/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 04/09/2012 the casing was pressured up to 1105 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# UT20771-08871 - TBG PRESSURE 2650 PSI FROM OVER NIGHT, BLEED OFF PRESSURE PUMPED UP TO 3000 PSI HELD FOR 30 MINUTES NO LOSS PICK UP SANDLINE AND RIH W/ A ROD OVER SHOT AND FISH THE STANDING VALVE R/D WORK FLOOR AND N/D BOPS, LAND WELL HAD TO WAIT ON WATER, WATER SHOWED UP AT 10:30 AND LOADED 70 BBLS OF JOHNSON FRESH ONTO HOTOILER HOT OILER PUMPED 65 BBLS OF JOHNSON FRESH W/ PACKER FLUID SET PACKER @ 4072.52' CE @ 4069.27' EOT @4072.52' AND LAND WELL W/ 15,000 LBS TENSION PULLED INTO TBG. TIGHTEN DOWN WELL HEAD BOLTS AND PRESSURED UP TO 1400 PSI LOST 200 PSI IN FIRST 20 MINUTES, PRESSURED BACK TO 1400 PSI AND LOST 100 PSI IN 15 MINUTES, PRESSURED BACK UP AND LOST 50 PSI IN 30 MINUTES, GOT A SOLID 30 MINUTE TEST @ 1350 PSI W/ NO LOSS RIG DOWN, AND LOAD UP EQUIPMENT AND CLEAN LOCATION FINAL REPORT - TBG PRESSURE 2650 PSI FROM OVER NIGHT, BLEED OFF PRESSURE PUMPED UP TO 3000 PSI HELD FOR 30 MINUTES NO LOSS PICK UP SANDLINE AND RIH W/ A ROD OVER SHOT AND FISH THE STANDING VALVE R/D WORK FLOOR AND N/D BOPS, LAND WELL HAD TO WAIT ON WATER, WATER SHOWED UP AT 10:30 AND LOADED 70 BBLS OF JOHNSON FRESH ONTO HOTOILER HOT OILER PUMPED 65 BBLS OF JOHNSON FRESH W/ PACKER FLUID SET PACKER @ 4072.52' CE @ 4069.27' EOT @4072.52' AND LAND WELL W/ 15,000 LBS TENSION PULLED INTO TBG. TIGHTEN DOWN WELL HEAD BOLTS AND PRESSURED UP TO 1400 PSI LOST 200 PSI IN FIRST 20 MINUTES, PRESSURED BACK TO 1400 PSI AND LOST 100 PSI IN 15 MINUTES, PRESSURED BACK UP AND LOST 50 PSI IN 30 MINUTES, GOT A SOLID 30 MINUTE TEST @ 1350 PSI W/ NO LOSS RIG DOWN, AND LOAD UP EQUIPMENT AND CLEAN LOCATION FINAL REPORT - On 03/31/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 04/09/2012 the casing was pressured up to 1105 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# UT20771-08871 **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$134,902

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-07978
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Water Injection Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> FEDERAL 14-4H
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43013306710000
<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> 0801 FSL 0652 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 04 Township: 09.0S Range: 17.0E Meridian: S		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/10/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input 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 1:45 PM on  
05/10/2012. EPA # UT20771-08871

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
May 15, 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> 5/10/2012	

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8

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



MAY 02 2012

Ref: 8P-W-UIC

RECEIVED

MAY 09 2012

DIV. OF OIL, GAS & MINING

**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 UT20771-08871  
Well: Paiute Federal 14-4H-9-17  
SWSW Sec. 4-T9S-R17E  
Duchesne County, Utah  
API No.: 43-013-30671

Dear Mr. Durfey:

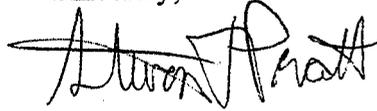
The U.S. Environmental Protection Agency Region 8 has received Newfield Production Company's (Newfield) April 13, 2012, letter with enclosures. The enclosed Part I (internal) Mechanical Integrity test, Well Rework Record (EPA Form 7520-12), schematic diagram and calculated pore pressure were reviewed and approved by the EPA, satisfactorily completing all Prior to Commencing Injection Requirements for UIC Permit UT20771-08871.

As of the date of this letter, Newfield is authorized to commence injection into the Paiute Federal 14-4H-9-17 well at a Maximum Allowable Injection Pressure (MAIP) of 1,410 psig for a limited period of 180 days during which time a Radioactive Tracer Survey (RTS) is required according to UIC Permit UT20771-08871. If Newfield seeks a higher MAIP than 1,410 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 UT20771-08871.

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,



for Callie 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

RECEIVED  
OCT 10 2007  
BLM - VERNAL OFFICE

<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-07978
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
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<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>9. API NUMBER:</b> 43013306710000
<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
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		<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: 10/17/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Step Rate Test"/>

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

A step rate test was conducted on the subject well on October 17, 2012. Results from the test indicate that the fracture gradient is 0.836 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1410 psi to 1640 psi. EPA:  
UT20771-08871

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
October 29, 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> 10/24/2012	

## Step Rate Test (SRT) Analysis

Date: <u>10/18/2012</u>	Operator: <u>Newfield Production Company</u>
Well: <u>Paiute Federal 14-4H-9-17</u>	Permit #: <u>UT20771-08871</u>

**Enter the following data :**

Specific Gravity (sg) of injectate =	<u>1.015</u>	g/cc
Depth to top perforation (D) =	<u>4144</u>	feet <span style="float: right;">4144</span>
Top of permitted injection zone depth (blank=use top perforation to calculate fg) =		feet
Estimated Formation Parting Pressure (P <sub>fp</sub> ) from SRT chart =	<u>1705</u>	psi
Instantaneous Shut In Pressure (ISIP) from SRT =	<u>1642</u>	psi <span style="float: right;">1705</span>
Bottom Hole Parting Pressure (P <sub>bhp</sub> ) from downhole pressure recorder =		psi <span style="float: right;">no downhole</span>

### Part One - Calculation of Fracture Gradient (fg)

**Calculated Fracture Gradient = 0.836 psi/ft.**

where: fg = P<sub>bhp</sub> / D (Note: this formula uses the downhole recorded bottom hole parting pressure if available) = 1642

D = depth used = 4144

P<sub>bhp</sub> used = 3463

**Calculated Bottom Hole Parting Pressure (P<sub>bhp</sub>) = 3463 psi**

3463.267

to calculate Bottom Hole Parting Pressure (P<sub>bhp</sub>) = Formation Fracture Pressure (ISIP or P<sub>fp</sub>) + (0.433 \* SG \* D)

( Uses lesser of ISIP or P<sub>fp</sub>) Value used = 1642

### Part Two - Calculation of Maximum Allowable Injection Pressure (MAIP)

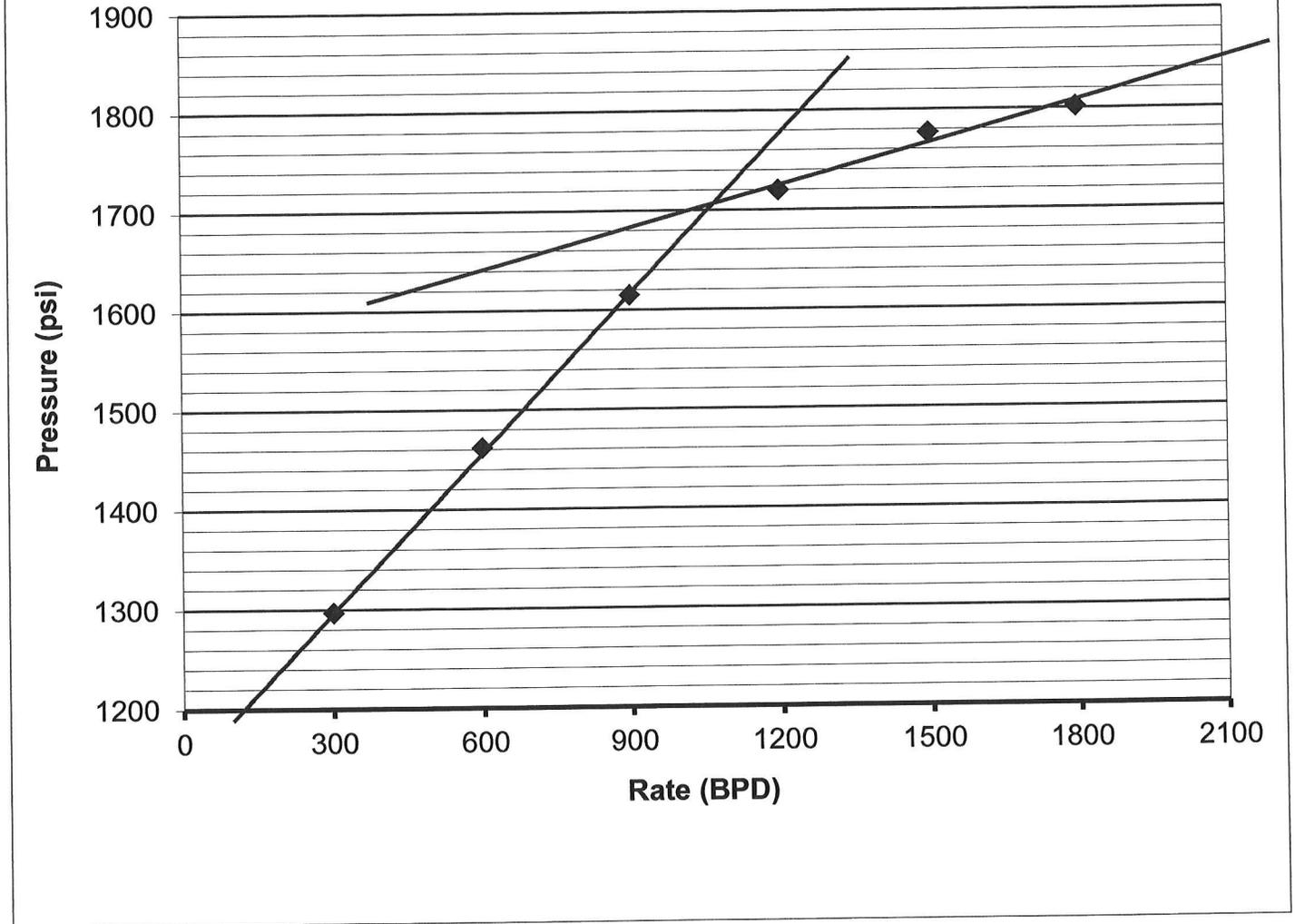
**Maximum Allowable Injection Pressure (MAIP) = 1640 psig**

D = depth used = 4144

MAIP = [fg - (0.433 \* SG)] \* D = 1643.117

(rounded down to nearest 5 psig)

**Paiute Federal 14-4H-9-17  
Greater Monument Butte Unit  
Step Rate Test  
October 17, 2012**



**Start Pressure:** 1158 psi  
**Instantaneous Shut In Pressure (ISIP):** 1642 psi  
**Top Perforation:** 4144 feet  
**Fracture pressure (Pfp):** 1705 psi  
**FG:** 0.851 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	300	1297
2	600	1462
3	900	1615
4	1200	1720
5	1500	1777
6	1800	1802

## *Paiute Federal 14-4H-9-17 Rate Sheet (10-17-12)*

<i>Step # 1</i>	Time:	6:05	6:10	6:15	6:20	6:25	6:30
	Rate:	300.6	300.6	300.6	300.5	300.5	300.5
	Time:	6:35	6:40	6:45	6:50	6:55	7:00
	Rate:	300.5	300.4	300.4	300.4	300.4	300.4
<i>Step # 2</i>	Time:	7:05	7:10	7:15	7:20	7:25	7:30
	Rate:	600.4	600.4	600.4	600.4	600.4	600.3
	Time:	7:35	7:40	7:45	7:50	7:55	8:00
	Rate:	600.3	600.3	600.2	600.2	600.2	600.2
<i>Step # 3</i>	Time:	8:05	8:10	8:15	8:20	8:25	8:30
	Rate:	900.5	900.5	900.5	900.4	900.4	900.4
	Time:	8:35	8:40	8:45	8:50	8:55	9:00
	Rate:	900.4	900.4	900.3	900.3	900.3	900.3
<i>Step # 4</i>	Time:	9:05	9:10	9:15	9:20	9:25	9:30
	Rate:	1200.4	1200.4	1200.4	1200.3	1200.2	1200.2
	Time:	9:35	9:40	9:45	9:50	9:55	10:00
	Rate:	1200.2	1200.1	1200.1	1200	1200	1200
<i>Step # 5</i>	Time:	10:05	10:10	10:15	10:20	10:25	10:30
	Rate:	1500.7	1500.7	1500.6	1500.6	1500.5	1500.5
	Time:	10:35	10:40	10:45	10:50	10:55	11:00
	Rate:	1500.5	1500.5	1500.4	1500.4	1500.4	1500.4
<i>Step # 6</i>	Time:	11:05	11:10	11:15	11:20	11:25	11:30
	Rate:	1800.4	1800.4	1800.4	1800.3	1800.3	1800.3
	Time:	11:35	11:40	11:45	11:50	11:55	12:00
	Rate:	1800.2	1800.1	1800.1	1800.1	1800.1	1800
	Time:						
	Rate:						
	Time:						
	Rate:						
	Time:						
	Rate:						
	Time:						
	Rate:						

**Data Table Report**

Report Name: PrTemp1000 Data Table  
 Report Date: 10/18/2012 15:09:21  
 File Name: C:\Program Files\PTC® Instruments 2.03.12\Pa  
 iute Federal 14-4H-9-17 SRT (10-17-2012).csv  
 Device: PrTemp1000 - Temperature and Pressure Recorder  
 Hardware Revision: REV2C (64K)  
 Serial Number: N87695  
 Device ID: PrTemp  
 Data Start Date: Oct 17, 2012 05:30:00 AM MDT  
 Data End Date: Oct 17, 2012 12:00:01 PM MDT  
 Reading: 1 to 79 of 79  
 Reading Rate: 30 Seconds  
 Last Calibration Date: Aug 28, 2012  
 Next Calibration Date: Aug 28, 2013  
 Next Calibration Date: Aug 28, 2013

**Paiute Federal 14-4H-9-17 SRT (10-17-2012)**

Unit Type	(All Units)	
Reading	DateTime (MDT)	Channel 2 PSIA
1	Oct 17, 2012 05:30:00 AM	1161.8
2	Oct 17, 2012 05:35:00 AM	1161.2
3	Oct 17, 2012 05:40:00 AM	1160.6
4	Oct 17, 2012 05:45:00 AM	1159.8
5	Oct 17, 2012 05:50:01 AM	1159.4
6	Oct 17, 2012 05:55:00 AM	1158.6
7	Oct 17, 2012 06:00:01 AM	1158.2
8	Oct 17, 2012 06:05:00 AM	1212.6
9	Oct 17, 2012 06:10:01 AM	1227.6
10	Oct 17, 2012 06:15:00 AM	1240.2
11	Oct 17, 2012 06:20:00 AM	1249
12	Oct 17, 2012 06:25:00 AM	1260
13	Oct 17, 2012 06:30:00 AM	1267.2
14	Oct 17, 2012 06:35:01 AM	1273.4
15	Oct 17, 2012 06:40:00 AM	1279.2
16	Oct 17, 2012 06:45:01 AM	1282.8
17	Oct 17, 2012 06:50:00 AM	1289.4
18	Oct 17, 2012 06:55:01 AM	1290.8
19	Oct 17, 2012 07:00:00 AM	1296.6
20	Oct 17, 2012 07:05:00 AM	1327.8
21	Oct 17, 2012 07:10:00 AM	1355.4
22	Oct 17, 2012 07:15:00 AM	1372
23	Oct 17, 2012 07:20:01 AM	1398.8
24	Oct 17, 2012 07:25:00 AM	1411.6
25	Oct 17, 2012 07:30:01 AM	1424
26	Oct 17, 2012 07:35:00 AM	1428.8
27	Oct 17, 2012 07:40:01 AM	1436
28	Oct 17, 2012 07:45:00 AM	1448.2
29	Oct 17, 2012 07:50:00 AM	1450.8
30	Oct 17, 2012 07:55:00 AM	1454.6
31	Oct 17, 2012 08:00:00 AM	1462
32	Oct 17, 2012 08:05:01 AM	1530.6
33	Oct 17, 2012 08:10:00 AM	1550.6
34	Oct 17, 2012 08:15:01 AM	1559
35	Oct 17, 2012 08:20:00 AM	1566.4
36	Oct 17, 2012 08:25:01 AM	1568.8
37	Oct 17, 2012 08:30:00 AM	1578
38	Oct 17, 2012 08:35:00 AM	1583.4

**Paiute Federal 14-4H-9-17 SRT (10-17-2012)**

Unit Type Reading	(All Units) DateTime (MDT)	Channel 2 PSIA
39	Oct 17, 2012 08:40:00 AM	1590.2
40	Oct 17, 2012 08:45:00 AM	1590.8
41	Oct 17, 2012 08:50:01 AM	1598
42	Oct 17, 2012 08:55:00 AM	1615.4
43	Oct 17, 2012 09:00:01 AM	1615.2
44	Oct 17, 2012 09:05:00 AM	1665.4
45	Oct 17, 2012 09:10:01 AM	1675.6
46	Oct 17, 2012 09:15:00 AM	1683
47	Oct 17, 2012 09:20:00 AM	1686.2
48	Oct 17, 2012 09:25:00 AM	1688
49	Oct 17, 2012 09:30:00 AM	1692.6
50	Oct 17, 2012 09:35:01 AM	1698.8
51	Oct 17, 2012 09:40:00 AM	1711.8
52	Oct 17, 2012 09:45:01 AM	1710
53	Oct 17, 2012 09:50:00 AM	1705.6
54	Oct 17, 2012 09:55:01 AM	1721.2
55	Oct 17, 2012 10:00:00 AM	1720
56	Oct 17, 2012 10:05:00 AM	1752.2
57	Oct 17, 2012 10:10:00 AM	1757.4
58	Oct 17, 2012 10:15:00 AM	1762.8
59	Oct 17, 2012 10:20:01 AM	1753.4
60	Oct 17, 2012 10:25:00 AM	1755.8
61	Oct 17, 2012 10:30:01 AM	1757.8
62	Oct 17, 2012 10:35:00 AM	1762.8
63	Oct 17, 2012 10:40:01 AM	1772
64	Oct 17, 2012 10:45:00 AM	1765.4
65	Oct 17, 2012 10:50:00 AM	1779.6
66	Oct 17, 2012 10:55:00 AM	1780
67	Oct 17, 2012 11:00:00 AM	1776.6
68	Oct 17, 2012 11:05:01 AM	1791.4
69	Oct 17, 2012 11:10:00 AM	1792.2
70	Oct 17, 2012 11:15:01 AM	1792.6
71	Oct 17, 2012 11:20:00 AM	1805
72	Oct 17, 2012 11:25:01 AM	1807
73	Oct 17, 2012 11:30:00 AM	1798.8
74	Oct 17, 2012 11:35:00 AM	1804.8
75	Oct 17, 2012 11:40:00 AM	1810
76	Oct 17, 2012 11:45:00 AM	1804.6
77	Oct 17, 2012 11:50:01 AM	1807.8
78	Oct 17, 2012 11:55:00 AM	1801
79	Oct 17, 2012 12:00:01 PM	1802.2

End of Report

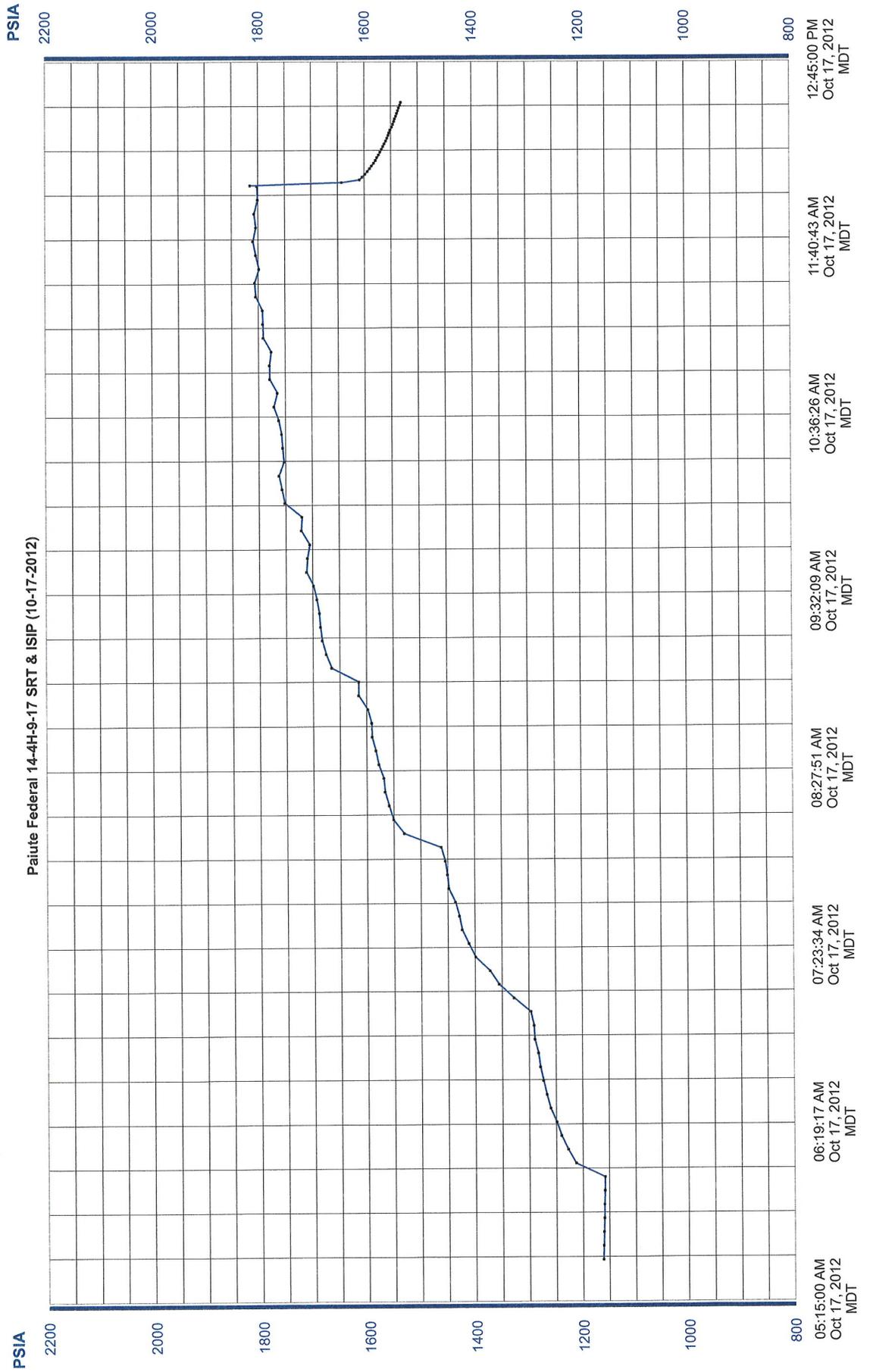
**Data Table Report**

Report Name: PrTemp1000 Data Table  
 Report Date: 10/18/2012 15:09:33  
 File Name: C:\Program Files\PTC® Instruments 2.03.12\Pa  
 iute Federal 14-4H-9-17 ISIP (10-17-2012).csv  
 Device: PrTemp1000 - Temperature and Pressure Recorder  
 Hardware Revision: REV2C (64K)  
 Serial Number: N87695  
 Device ID: PrTemp  
 Data Start Date: Oct 17, 2012 12:00:12 PM MDT  
 Data End Date: Oct 17, 2012 12:30:12 PM MDT  
 Reading: 1 to 31 of 31  
 Reading Rate: 30 Seconds  
 Last Calibration Date: Aug 28, 2012  
 Next Calibration Date: Aug 28, 2013  
 Next Calibration Date: Aug 28, 2013

**Paiute Federal 14-4H-9-17 ISIP (10-17-2012)**

Unit Type	(All Units)	
Reading	DateTime (MDT)	Channel 2 PSIA
1	Oct 17, 2012 12:00:12 PM	1815
2	Oct 17, 2012 12:01:12 PM	1642.4
3	Oct 17, 2012 12:02:12 PM	1609.2
4	Oct 17, 2012 12:03:12 PM	1604
5	Oct 17, 2012 12:04:12 PM	1598.6
6	Oct 17, 2012 12:05:12 PM	1594
7	Oct 17, 2012 12:06:12 PM	1589.8
8	Oct 17, 2012 12:07:12 PM	1586
9	Oct 17, 2012 12:08:13 PM	1582
10	Oct 17, 2012 12:09:12 PM	1578.8
11	Oct 17, 2012 12:10:12 PM	1576
12	Oct 17, 2012 12:11:13 PM	1572.8
13	Oct 17, 2012 12:12:12 PM	1570.2
14	Oct 17, 2012 12:13:12 PM	1567.2
15	Oct 17, 2012 12:14:12 PM	1564.8
16	Oct 17, 2012 12:15:12 PM	1562.2
17	Oct 17, 2012 12:16:12 PM	1559.4
18	Oct 17, 2012 12:17:12 PM	1557
19	Oct 17, 2012 12:18:12 PM	1554.8
20	Oct 17, 2012 12:19:12 PM	1553.2
21	Oct 17, 2012 12:20:12 PM	1551
22	Oct 17, 2012 12:21:12 PM	1548.2
23	Oct 17, 2012 12:22:12 PM	1546.2
24	Oct 17, 2012 12:23:12 PM	1544
25	Oct 17, 2012 12:24:13 PM	1542.4
26	Oct 17, 2012 12:25:12 PM	1540.4
27	Oct 17, 2012 12:26:12 PM	1538.6
28	Oct 17, 2012 12:27:12 PM	1536.8
29	Oct 17, 2012 12:28:12 PM	1535
30	Oct 17, 2012 12:29:12 PM	1533
31	Oct 17, 2012 12:30:12 PM	1531.2

End of Report





**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8**

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

DEC 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 84502

Accepted by the  
Utah Division of  
Oil, Gas and Mining

**FOR RECORD ONLY**

RE: Underground Injection Control (UIC)  
Authorization to Continue Injection with  
Minor Permit Modification  
EPA UIC Permit UT20771-08871  
Well: Paiute Federal 14-4H-9-17  
SWSW Sec. 4-T9S-R17E  
Duchesne County, Utah  
API No.: 43-013-30671

Dear Mr. Durfey:

The U.S. Environmental Protection Agency Region 8 has received Newfield Production Company's (Newfield) October 24, 2012, letter with enclosures requesting an increase in the Maximum Allowable Injection Pressure (MAIP) for the Paiute Federal 14-4H-9-17 well. Newfield's interpretation of the enclosed Step Rate Test data concluded the fracture gradient to be 0.836 psi/ft. However, an EPA analysis determined the fracture gradient in this area to be 0.820 psi/ft., resulting in a calculated MAIP of 1,575 psig. The enclosed Radioactive Tracer Survey was reviewed and approved by the EPA. The MAIP for UIC Permit UT20771-08871 is hereby increased to 1,575 psig from the 1,410 psig previously authorized.

As of this approval, responsibility for permit compliance and enforcement is transferred to the EPA's UIC Technical Enforcement Program. Therefore, please direct all monitoring and compliance correspondence to Sarah Roberts at the following address, referencing the well name and UIC Permit number on all correspondence:

Sarah Roberts  
U.S. EPA Region 8: 8ENF-UFO  
1595 Wynkoop Street  
Denver, Colorado 80202-1129

Or, you may reach Ms. Roberts by telephone at (303) 312-7056 or (800) 227-8927, extension 312-7056. Please remember that it is your responsibility to be aware of, and to comply with, all conditions of injection well Permit UT20771-08871.

If you have questions regarding the above action, please call Jason Deardorff at (303) 312-6583 or (800) 227-8917, extension 312-6583.

Sincerely,

  
for Derrith Watchman-Moore  
Assistant Regional Administrator  
Office of Partnerships and Regulatory Assistance

cc: Uintah & Ouray Business Committee:

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

Johnna Blackhair  
BIA - Uintah & Ouray Indian Agency

Mike Natchees  
Environmental Coordinator  
Ute Indian Tribe

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

Associate Director  
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office  
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst  
Newfield Production Company

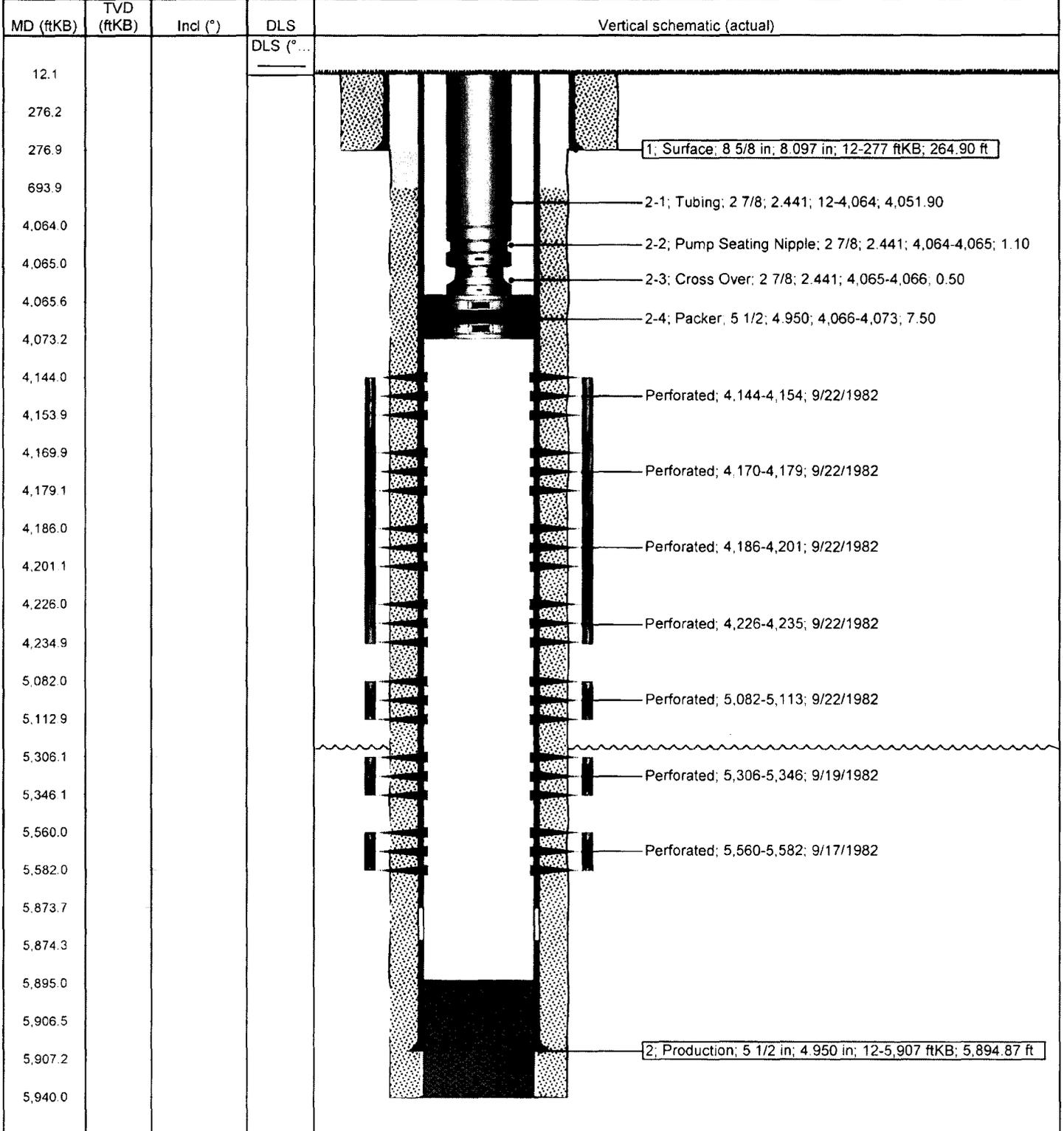
Well Name: Federal 14-4H-9-17

43-013-30671

Surface Legal Location 04-9S-17E		API/UWI 43013306710000	Well RC 500151649	Lease	State/Province Utah	Field Name GMBU CTB8	County Duchesne
Spud Date	Rig Release Date	On Production Date 9/1/1982	Original KB Elevation (ft) 5,262	Ground Elevation (ft) 5,250	Total Depth Ali (TVD) (ftKB)	PBTD (Ali) (ftKB) Original Hole - 5,895.0	

<b>Most Recent Job</b>			
Job Category Production / Workover	Primary Job Type Clean-out	Secondary Job Type N/A	Job Start Date 11/5/2014
		Job End Date 11/5/2014	

TD: 5,940.0 Vertical - Original Hole, 1/11/2016 2:35:37 PM



# NEWFIELD



## Newfield Wellbore Diagram Data Federal 14-4H-9-17

Surface Legal Location 04-9S-17E		API/UWI 43013306710000		Lease	
County Duchesne		State/Province Utah		Basin	
Well Start Date 8/17/1982		Spud Date		Final Rig Release Date	
Original KB Elevation (ft) 5,262		Ground Elevation (ft) 5,250		Total Depth (ftKB) 5,940.0	
				Total Depth Ali (TVD) (ftKB)	
				PBTD (Ali) (ftKB) Original Hole - 5,895.0	

### Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	8/17/1982	8 5/8	8.097	24.00	J-55	277
Production	8/27/1982	5 1/2	4.950	15.50	J-55	5,907

### Cement

#### String: Surface, 277ftKB 8/19/1982

Cementing Company	Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 277.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description	Fluid Type Lead	Amount (sacks) 225	Class G	Estimated Top (ftKB) 12.0

#### String: Production, 5,907ftKB 8/27/1982

Cementing Company	Top Depth (ftKB) 694.0	Bottom Depth (ftKB) 5,940.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description	Fluid Type Lead	Amount (sacks) 500	Class SUPER G	Estimated Top (ftKB) 694.0
Fluid Description	Fluid Type Tail	Amount (sacks) 303	Class SUPER G	Estimated Top (ftKB) 2,500.0

### Tubing Strings

Tubing Description Tubing		Run Date 3/29/2012			Set Depth (ftKB) 4,073.0			
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Blm (ftKB)
Tubing	127	2 7/8	2.441	6.50	J-55	4,051.90	12.0	4,063.9
Pump Seating Nipple	1	2 7/8	2.441			1.10	4,063.9	4,065.0
Cross Over	1	2 7/8	2.441			0.50	4,065.0	4,065.5
Packer	1	5 1/2	4.950			7.50	4,065.5	4,073.0

### Rod Strings

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

### Perforation Intervals

Stage#	Zone	Top (ftKB)	Blm (ftKB)	Shot Dens (shots/ft)	Phasing (")	Nom Hole Dia (in)	Date
4	ZONE 4, Original Hole	4,144	4,154	2			9/22/1982
4	ZONE 4, Original Hole	4,170	4,179	2			9/22/1982
4	ZONE 4, Original Hole	4,186	4,201	2			9/22/1982
4	ZONE 4, Original Hole	4,226	4,235	2			9/22/1982
3	ZONE 3, Original Hole	5,082	5,113	2			9/22/1982
2	ZONE 2, Original Hole	5,306	5,346	2			9/19/1982
1	ZONE 1, Original Hole	5,560	5,582	2			9/17/1982

### Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,210		15.0	1,600			
2	2,000		20.0	2,000			
3	1,760		15.0	1,650			
4	1,600		25.0	1,700			

### Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant sand 42500 lb
2		Proppant sand 50000 lb
3		Proppant sand 72500 lb
4		Proppant sand 72500 lb