

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

SUBMIT IN TRIPPLICATE\*  
(Other Instructions on reverse side)

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

**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  
 Lomax Exploration Company

3. ADDRESS OF OPERATOR  
 P.O. Box 1446 Roosevelt, UT 84066 (801) 722-5103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface NW/SE  
 At proposed prod. zone 1770' FSL 2026' FEL

5. LEASE DESIGNATION AND SERIAL NO.  
 U-66185

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Ashley Federal

9. WELL NO.  
 #10-23

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 23, T9S, R15E

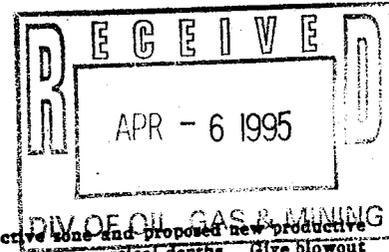
12. COUNTY OR PARISH      13. STATE  
 Duchesne      Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 16.6 Miles North West of Myton, Utah

|  |       |                           |         |   |        |
|--|-------|---------------------------|---------|---|--------|
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) | 607'  | 18. NO. OF ACRES IN LEASE | 2286.43 | 17. NO. OF ACRES ASSIGNED TO THIS WELL                  | 40     |
| 16. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.          | 3960± | 19. PROPOSED DEPTH        | 6500'   | 20. ROTARY OR CABLE TOOLS                               | Rotary |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.)<br>6402.4'  |       |                           |         | 22. APPROX. DATE WORK WILL START*<br>Third Quarter 1995 |        |

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT        |
|--------------|----------------|-----------------|---------------|---------------------------|
| 12 1/4       | 8 5/8          | 24#             | 300'          | 240 sx Class G + 2% CaCl  |
| 7 7/8        | 5 1/2          | 15.5#           | TD            | 530 sx Hilift followed by |
|              |                |                 |               | 450 sx Class G w/ 2% CaCl |



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 Brad Mecham *Brad Mecham* TITLE Operations Manager DATE 3/29/95

(This space for Federal or State office use)

PERMIT NO. 43-013-31519

APPROVED BY *Philburn* TITLE Philburn Engineer DATE 5/19/95

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

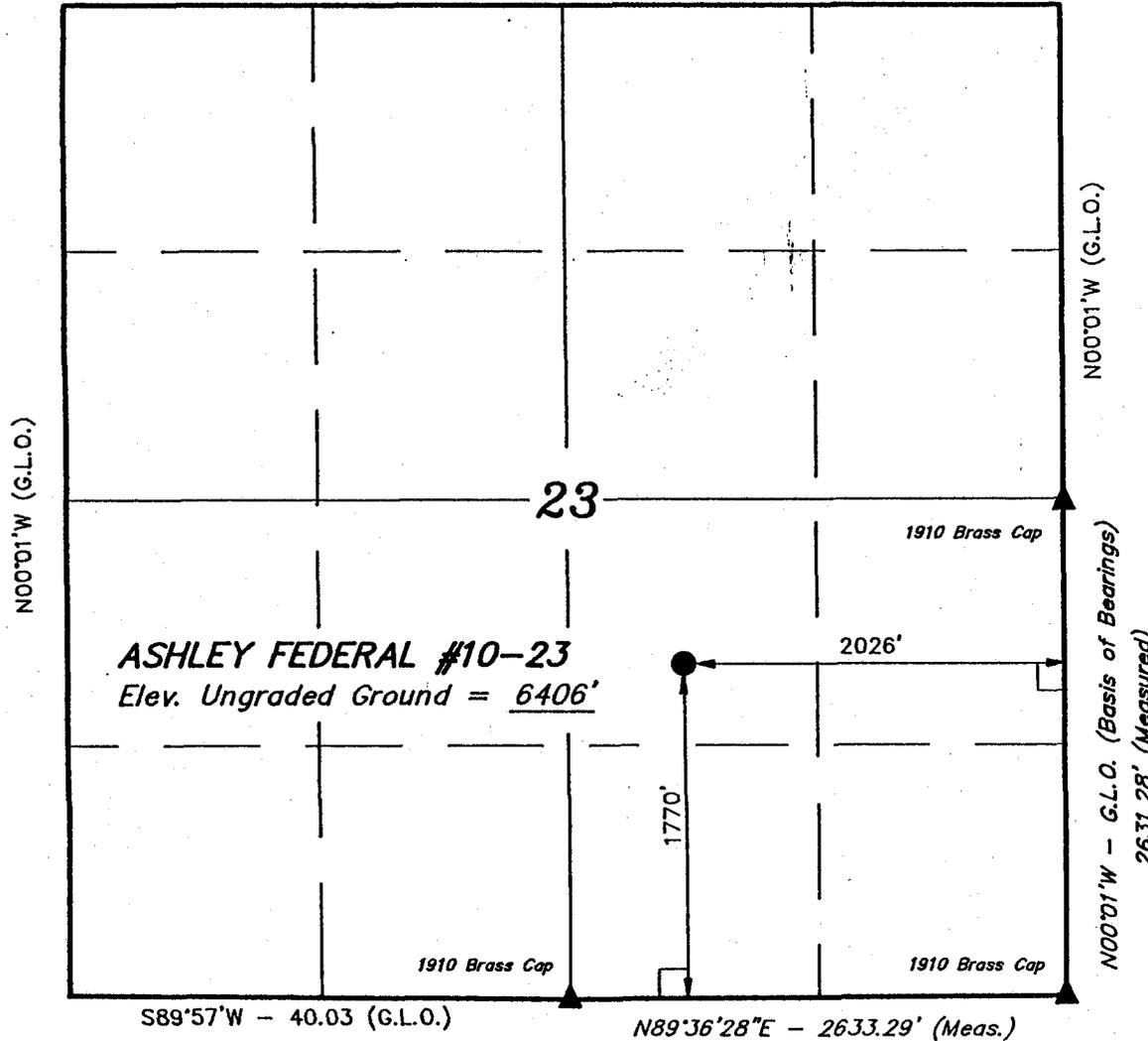
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**T9S, R15E, S.L.B.&M.**

**LOMAX EXPLORATION CO.**

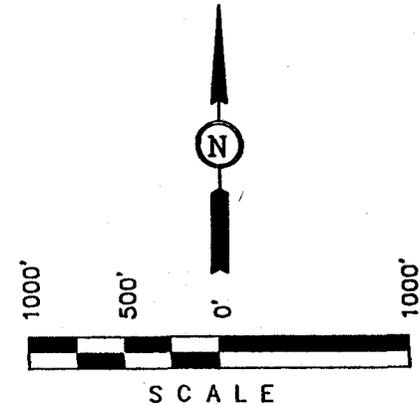
Well location, ASHLEY FEDERAL #10-23, located as shown in the NW 1/4 SE 1/4 of Section 23, T9S, R15E, S.L.B.&M. Duchesne County, Utah.

S89°59'W - 80.14 (G.L.O.)



**BASIS OF ELEVATION**

TRIANGULATION STATION (ANTELOPE) LOCATED IN THE NE 1/4 OF SECTION 22, T9S, R15E, S.L.B.&M. TAKEN FROM THE MYTON SW QUADRANGLE, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6486 FEET.



**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.

*Robert L. Kay*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 181319  
 STATE OF UTAH

S89°57'W - 40.03 (G.L.O.)

N89°36'28"E - 2633.29' (Meas.)

**LEGEND:**

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED. (Brass Caps)

**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (801) 789-1017

|                           |                               |                       |
|---------------------------|-------------------------------|-----------------------|
| SCALE<br>1" = 1000'       | DATE SURVEYED:<br>2-7-95      | DATE DRAWN:<br>2-8-95 |
| PARTY<br>J.F. R.C. C.B.T. | REFERENCES<br>G.L.O. PLAT     |                       |
| WEATHER<br>COOL           | FILE<br>LOMAX EXPLORATION CO. |                       |

**A CULTURAL RESOURCES SURVEY OF LOMAX WELL ASHLEY  
FEDERAL #10-23 AND ACCESS ROAD NEAR WELLS DRAW,  
DUCHESNE COUNTY, UTAH**

by

Wendy Simmons Johnson  
Archaeologist

Prepared for:

Lomax Exploration Company  
P.O. Box 1446  
Roosevelt, Utah 84066

Prepared by:

Sagebrush Archaeological Consultants, L.L.C.  
3670 Quincy Avenue, Suite 203  
Ogden, Utah 84403

Under Authority of Cultural Resources Use Permit No. 95-UT-4630

and

Utah State Antiquities Permit No. U-95-SJ-108b

Archaeological Report No. 741

March 16, 1995

## INTRODUCTION

In March 1995, Lomax Exploration Company (Lomax) of Roosevelt, Utah requested that Sagebrush Archaeological Consultants, L.L.C. (Sagebrush) conduct a cultural resources inventory of well pad Ashley Federal #10-23 and access road, located Duchesne County, Utah.

The well location and access road are located on lands controlled by the Bureau of Land Management (BLM) in T. 9S., R. 15E., Sec 23. Footages for this well are 1770 FSL and 2026 FEL. The project area lies on the USGS 7.5' Quadrangle Myton SW (1964) (Figure 1). The field inspection was carried out by the author and Leah Evans on March 15, 1995, under authority of Cultural Resources Use Permit No. 94-UT-4630 and Utah State Antiquities Permit No. U-95-SJ-108b. A total of 14.6 acres were surveyed during this project. A file search for previously recorded cultural resources sites and paleontological localities near the project area was conducted by Kathie A. Davies at the Division of State History, Utah State Historic Preservation Office, Salt Lake City and by the author and Leah Evans at the Bureau of Land Management, Vernal District Office. The National Register of Historic Places (NRHP) was also checked for any listed or determined eligible sites within the current project area.

More than 10 previous cultural resources projects have been conducted in the area of the current project. Due to the large number of projects conducted in this area, individual project descriptions will not be listed. However, two cultural resources sites, including both project related sites and individual sites, have been previously recorded in the vicinity of the current project area. Following is a brief description of these sites:

**Site 42Dc344.** This site, located just north of an ephemeral wash near Wells Draw, is a light lithic scatter consisting of three flakes and core and a projectile point tip fragment. No NRHP recommendations concerning eligibility of this site were made.

**Site 42Dc553.** This site, located at the west edge of a low sandstone bench and just east of a dry wash, consists of an open lithic scatter with a possible eroded hearth. This site was recommended ELIGIBLE to the NRHP.

No paleontological localities are listed as being located within or near the current project area. The NRHP was consulted prior to the commencement of fieldwork for the present project. No NRHP sites were found located in the vicinity of the current project area.



## ENVIRONMENT

The well pad and access road surveyed during this project lies approximately twelve miles south of Myton, Utah and south of Pleasant Valley. The well pad and access road lie in an area of low rolling tablelands dissected by deep drainages and low eroding bedrock outcrops of sandstone and limestone. The surface sediments consist of an interfingering of fluvial deposits and thinly bedded Pleistocene lake bed deposits. Soils in these areas are poorly developed and extremely sandy in nature. Sediments consist of very fine grained, buff, green and reddish colored sand which contains a large amount of angular rock fragments composed of mudstone, limestone and sandstone. The elevation of the areas surveyed ranges between 6341 and 6350 feet (ft) a.s.l. Vegetation in the area covers approximately 10 percent of the surface and is predominantly Shadscale and Pinyon-Juniper community species. Noted species include prickly pear cactus, small sagebrush, winterfat and juniper trees. Many seasonally flowing drainages and washes are present in the vicinity of the project area. These seasonal water sources were, no doubt, the primary source of water in this area historically. Natural disturbance in the area consists primarily of sheetwash erosion and arroyo cutting. Cultural disturbance includes pre-existing well pad locations, access roads which lead to well locations, and sheep grazing.

## METHODOLOGY

The survey area covered during this project consists of one ten acre parcel of land centered on the proposed well head and one access road corridor connecting the well location to a pre-existing well location access road. The well pad was inventoried by the author and Leah Evans in parallel transects spaced no more than 15 meters (m) apart. The access road, which totaled 2000 ft (610 m) in length, was walked in two parallel transects spaced 10 m apart to cover a corridor width of 100 ft (30 m). The area surveyed on this project (including both well pad and access road) totaled 14.6 acres.

## RESULTS

Two isolated artifacts (IA-1 and IA-2) were located during the current inventory. IA-1 consists of a fragmented amethyst glass bottle. The bottle is located on the southern end of the well pad. The second isolated artifact (IA-2) consists of two very corroded tin cans, a tin can lid and three fragments of an amethyst bottle neck. IA-2 is located on the western edge of the access road corridor south of the proposed well pad. These isolates are described as follows:

### Isolated Artifact IA-1

IA-1 consists of approximately 25 fragments of an amethyst glass bottle. The bottle appears to have been a wide mouth prescription bottle measuring between 8-to-10-inches tall. The base of the bottle appears to be square with no trademark present. The glass thickness measured between 1/4-to-1/2-inch thick.

### Isolated Artifact IA-2

IA-2 consists of a three rim fragments of an amethyst glass bottle, two very fragmented tin cans and a tin can lid. The amethyst glass rim fragments indicate that the bottle was most likely a wide mouthed bottle. No diagnostic pieces or trademarks were found for this bottle. Both tin cans were very fragmented and smashed. The first can is a rectangular can measuring 3 5/16 in. long by 4 1/4 in. high. The width of the can is unknown since it was too smashed to measure. The second tin can is too smashed to measure but appears to have interlocking seams. The tin can lid is rectangular shaped and measures 3 5/16 in. long by 2 1/4 in. wide. Lettering is present on this lid, it reads: WALTER BAKER/&/Co. Ltd./1/2lb. Net/BREAKFAST/COCOA. There is a figure of a woman in a long dress in the center of the lid.

No other cultural resources sites nor paleontological localities were noted during the inventory.

## RECOMMENDATIONS

No cultural resource sites or paleontological localities were located as a result of this survey. The two isolated artifacts, which were noted during this survey, are not associated with any known site and in-and-of-themselves cannot be considered for eligibility to the NRHP. Therefore, cultural and paleontological clearance is recommended for the proposed project.

This investigation was conducted with techniques which are considered to be adequate for evaluating cultural and paleontological resources which could be adversely affected by the project. However, should such resources be discovered during construction, a report should be made immediately to the BLM District Archaeologist, Vernal District Office, Vernal, Utah. Also, if well preserved fossil material is encountered during construction, contact needs to be made with the State Paleontologist, Utah Geological Survey, Salt Lake City, Utah.

## ISOLATED ARTIFACT RECORD

1. Field Number IA-2                      2. Curation Number \_\_\_\_\_
3. Legal Location T. 9 S., R. 15 E., Sec. 23, NE¼, NW¼, SW¼, SE¼
4. County: Duchesne                      5. USGS 7.5' Quadrangle: Myton SW, Utah (1964)
6. Artifact Owner (Landowner): Bureau of Land Management  
Federal Agency/District: Vernal District.  
State Agency/District: \_\_\_\_\_ Private/Name and Address \_\_\_\_\_
7. Collected?  No     Yes    Repository: \_\_\_\_\_
8. Name of Recorder: Wendy Simmons Johnson                      Date: March 15, 1995  
Company/Institution: Sagebrush Archaeological Consultants, L.L.C.

9. Sketch or Photo: Scale: \_\_\_\_\_

10. Artifact Description (Dimensions- materials-use/function-time period):

This isolate consists of a three rim fragments of an amethyst glass bottle, two very fragmented tin cans and a tin can lid. The amethyst glass rim fragments indicate that the bottle was most likely a wide mouthed bottle. No diagnostic pieces or trademarks were found for this bottle. Both tin cans were very fragmented and smashed. The first can is a rectangular can measuring 3 5/16 in. long by 4¼ in. high. The width of the can is unknown as it was too smashed to measure. The second tin can is too smashed to measure but appears to have interlocking seams. The tin can lid is rectangular shaped and measures 3 5/16 in. long by 2¼ in. wide. Lettering is present on this lid, it reads: WALTER BAKER & Co. Ltd. 1/2 lb. Net/BREAKFAST/COCOA. There is a figure of a woman in a long dress in the center of the lid.

11. Environmental Location (Topography-vegetation-soils-slope-hydrology):

This isolate is located on a 5° slope in a series of dissected tablelands and mesas. The soils are a sandy reddish-tan sandy silt with a large number of small angular siltstone cobbles. Vegetation consists primarily of low sagebrush with a few intermixed grasses. There are several juniper trees located near the artifacts.

12. Attach USGS Map Showing Artifact Location.

## ISOLATED ARTIFACT RECORD

1. Field Number IA-1                      2. Curation Number \_\_\_\_\_  
3. Legal Location T. 9 S., R. 15 E., Sec. 23, SE $\frac{1}{4}$ , SW $\frac{1}{4}$ , NW $\frac{1}{4}$ , SE $\frac{1}{4}$   
4. County: Duchesne                      5. USGS 7.5' Quadrangle: Myton SW, Utah (1964)  
6. Artifact Owner (Landowner): Bureau of Land Management

Federal Agency/District: Vernal District

State Agency/District: \_\_\_\_\_ Private/Name and Address \_\_\_\_\_

7. Collected?  No     Yes    Repository: \_\_\_\_\_  
8. Name of Recorder: Wendy Simmons Johnson                      Date: March 15, 1995  
Company/Institution: Sagebrush Archaeological Consultants, L.L.C.

9. Sketch or Photo: Scale: \_\_\_\_\_

10. Artifact Description (Dimensions- materials-use/function-time period):

This isolate consists of approximately 25 fragments of an amethyst glass bottle. The bottle appears to have been a wide mouth prescription bottle measuring between 8-to-10-inches tall. The base of the bottle appears to be square with no trademark present. The glass thickness measured between  $\frac{1}{4}$ -to- $\frac{1}{2}$ -inch thick.

11. Environmental Location (Topography-vegetation-soils-slope-hydrology):

This isolate is located on the top of a flattened knoll. The soils are a sandy reddish-tan sandy silt with a large number of small angular siltstone cobbles. Vegetation consists primarily of low sagebrush with a few intermixed grasses. There are several juniper trees located just off of the knoll.

12. Attach USGS Map Showing Artifact Location.

**ASHLEY FEDERAL #10-23  
NW/SE SECTION 23, T8S, R17E  
DUCHESNE COUNTY, UTAH  
LEASE #U-66185**

**HAZARDOUS MATERIAL DECLARATION**

LOMAX EXPLORATION COMPANY guarantees that during the drilling & completion of the above referenced well, we will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986.

LOMAX EXPLORATION COMPANY guarantees that during the drilling and completion of the above referenced well, we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

JOHNSON WATER DISTRICT  
R.R. 3 BOX 3188  
ROOSEVELT, UT 84066  
TELEPHONE (801) 722-2620

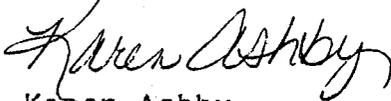
March 20, 1995

TO WHOM IT MAY CONCERN:

Lomax Exploration Company has purchased a 3 inch water connection with Johnson Water District to supply Monument Butte oilfield.

Johnson Water District has given permission to Lomax Exploration Company to use water from our system for the purpose of drilling and completing the Ashley Federal 10-23.

Sincerely,



Karen Ashby,  
Secretary

**LOMAX EXPLORATION COMPANY  
ASHLEY FEDERAL #10-23  
NW/SE SECTION 23, T9S, R15E  
DUCHESNE COUNTY, UTAH**

**TEN POINT WELL PROGRAM**

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

|             |            |
|-------------|------------|
| Uinta       | 0' - 3030' |
| Green River | 3500'      |

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 4500'-6200' - oil

4. **PROPOSED CASING PROGRAM**

8 5/8" J-55 24# w/ ST&C collars; set at 300' (New)  
5 1/2" K-55 15.5# w/ LT&C collars set @ 6500'

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operators minimum specifications for pressure control equipment are as follows:

A 8" Series 900 Hydril Bag type BOP and a 8" Double Ram Hydraulic unit with a closing unit will be utilized. Pressure test of BOPS's will be checked daily.

(See Exhibit F)

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

It is proposed that the hole be drilled with fresh water to the green river formation @ approximately 3500'. The mud system will be a water based gel-chemical, weighted to 10.0 ppg as necessary for gas control.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. TESTING, LOGGING AND CORING PROGRAMS:

No drill stem testing has been scheduled for this well. It is anticipated at this time that the logging will consist of a Dual Induction Laterolog, Compensated Neutron-Formation Density Log. Logs will run from TD TO 3500'. The cement log will be run from PBTD to cement top. The use of mud loggers to be determined at a later date.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated bottom hole pressure is 1800-psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H<sub>2</sub>S will be encountered in this area.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that the drilling operations will commence the third quarter 1995 and take approximately nine days to drill.

**LOMAX EXPLORATION COMPANY  
ASHLEY FEDERAL #10-23  
NW/SE SECTION 23, T9S, R15E  
DUCHESNE COUNTY, UTAH**

**THIRTEEN POINT WELL PROGRAM**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Lomax Exploration Company well location site Ashley Federal #10-23 located in the NW 1/4 SE 1/4 Section 23, T9S, R15E, S.L.B. & M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles ± to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 - 9.0 miles to its junction with an existing dirt road to the west. Proceed westerly along this road .6 miles to its junction with an existing dirt road to the south; proceed southerly along this road 3.6 miles to its intersection with a road to the east. Proceed easterly along this road .5 miles to the intersection of the proposed access road to be discussed in item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 53 ends, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County Crews.

The aforementioned dirt oilfield service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

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

**2. PLANNED ACCESS ROAD**

See Topographic Map "B".

The planned access road leaves the existing location described in Item #1 in the SW 1/4 SE 1/4 Section 23, T9S, R15E, S.L.B., and proceeds in a northerly direction, approximately .4 miles to the proposed location site.

The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will no culverts required along this access road. There will no water turnouts constructed along this road.

There are no fences encountered along this proposed road. There will no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. LOCATION OF EXISTING WELLS

There are no existing oil wells within a one mile radius of this location (See exhibit "D").

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery the well pad will be surrounded by a dike of sufficient capacity to contain at minimum the entire contents of the largest tank within the facility battery.

Tank batteries will be placed on a per Sundry Notice if the well is completed as a producer.

All permanent (on site for six (6) months or longer) structures constructed or installed (including pumping units) will be painted Desert Tan. All facilities will be painted within six months of installation.

5. LOCATION AND TYPE OF WATER SUPPLY

At the present time, it is anticipated that the water for this well will be trucked from our pre-approved Lomax Exploration Company water supply line located at the Travis Federal 15-28 (SW/SE Sec. 28, T8S, R16E) location as indicated on Topographic Map - Exhibit C".

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

There will be no water well drilled at this site.

6. SOURCE OF CONSTRUCTION MATERIALS

See Location Layout Sheet - Exhibit "E".

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road. (Pit lining material is referred to in Item #7.)

A mineral material application is not required for this location.

7. METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet - Exhibit "E".

A reserve pit will be constructed and lined with a plastic reinforced liner so as not to leak, break, or allow discharge. It will be a minimum of 12 mil thickness with sufficient bedding (either straw or dirt) to cover any rocks. The line will overlap the pit wall and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed on in the pit.

After first production, produced water will be confined to a pit or storage tank for a period not to exceed one hundred twenty (120) days. During the one hundred twenty (120) day period, in accordance with the onshore order #7, an application for approval of permanent disposal method and location, along with required water analysis, shall be submitted for the Authorized Officers approval.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

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 - Exhibit "E".

The reserve pit will be located on the southwest side between stakes 4 & 5.

No flare pit will be used at this location.

The stockpiled topsoil (first six (6) inches) will be stored on the East side between stakes 1 & 2, and on the West side, between stakes 5 & 6.

Access to the well pad will be from the Southeast corner near stake 4.

Fencing Requirements

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

- a) 39 inch net wire shall be used with at least one strand of barbed wire on top of the net.

- b) The net wire shall be not more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be cemented and/or braced in such a manner to keep tight at all times.
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

#### 10. PLANS FOR RESTORATION OF SURFACE

##### a) *Producing Location*

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

The plastic reinforced liner shall be torn and perforated before back filling of the reserve pit.

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

When the drilling and completion phase ends, reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. The seed mixture will be per B.L.M. and stated in the conditions of approval.

##### b) *Dry Hole Abandoned Location*

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

#### 11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

- a) Lomax Exploration Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Lomax is to immediately stop work that might further disturb such materials, and contact the Authorized Officer.
- b) Lomax Exploration will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. On B.L.M. administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without B.L.M. authorization. However, if B.L.M. authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

There are no dwellings or facilities in the general area. There are no visible archaeological, historical or cultural sites within any reasonable proximity of the proposed location site. See Cultured Resource Survey.

*Additional Surface Stipulations*

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations. Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. Lomax Exploration is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

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

Lomax Exploration Company or a contractor employed by Lomax Exploration shall contact the B.L.M. office at (801) 789-1362, 48 hours prior to construction activities.

The B.L.M. office shall be notified upon site completion prior to moving on the drilling rig.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Brad Mecham  
Address: P.O. Box 1446 Roosevelt, Utah 84066  
Telephone: (801) 722-5103

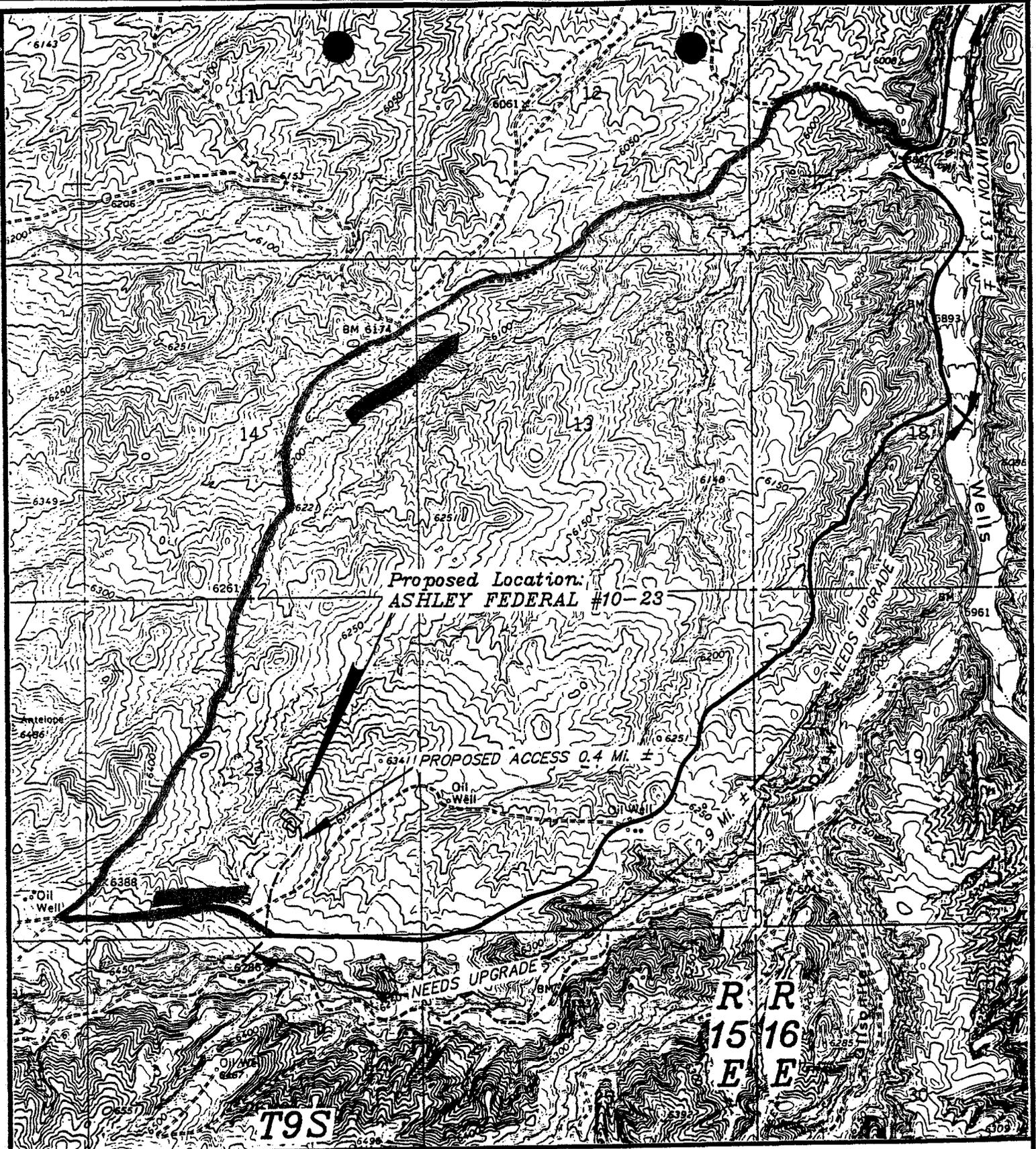
Certification

Please be advised that LOMAX EXPLORATION COMPANY is considered to be the operator of Well #10-23 NW/SE Section 23, Township 9S, Range 15E: Lease #U-66185, Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

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

4-3-95  
Date

Brad Mecham  
Brad Mecham  
Operations Manager



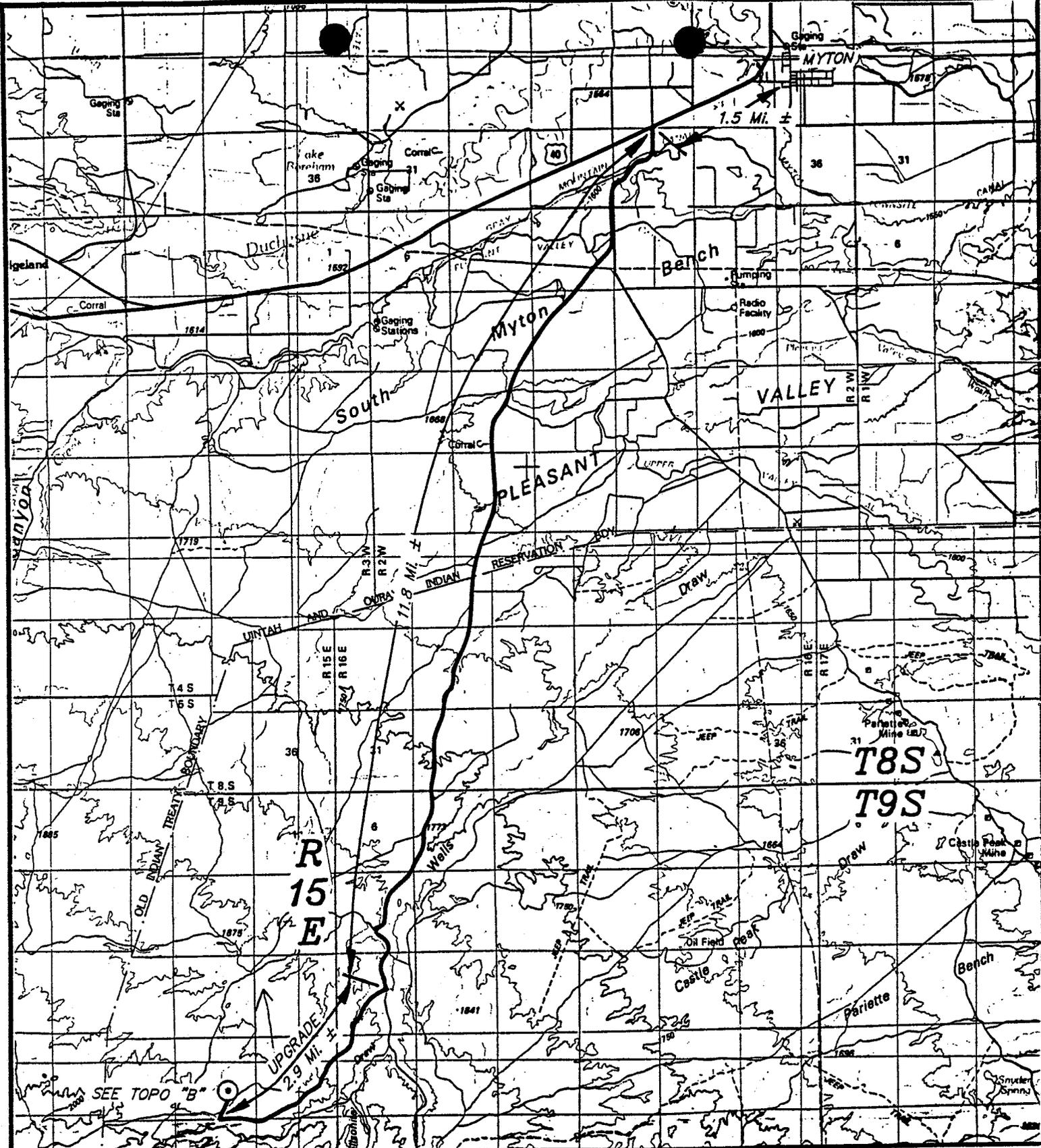
TOPOGRAPHIC  
MAP "A"



LOMAX EXPLORATION CO.

ASHLEY FEDERAL #10-23  
SECTION 23, T9S, R15E, S.L.B.&M.  
1770' FSL 2026' FEL

DATE: 2/8/95 D.COX



TOPOGRAPHIC  
MAP "B"

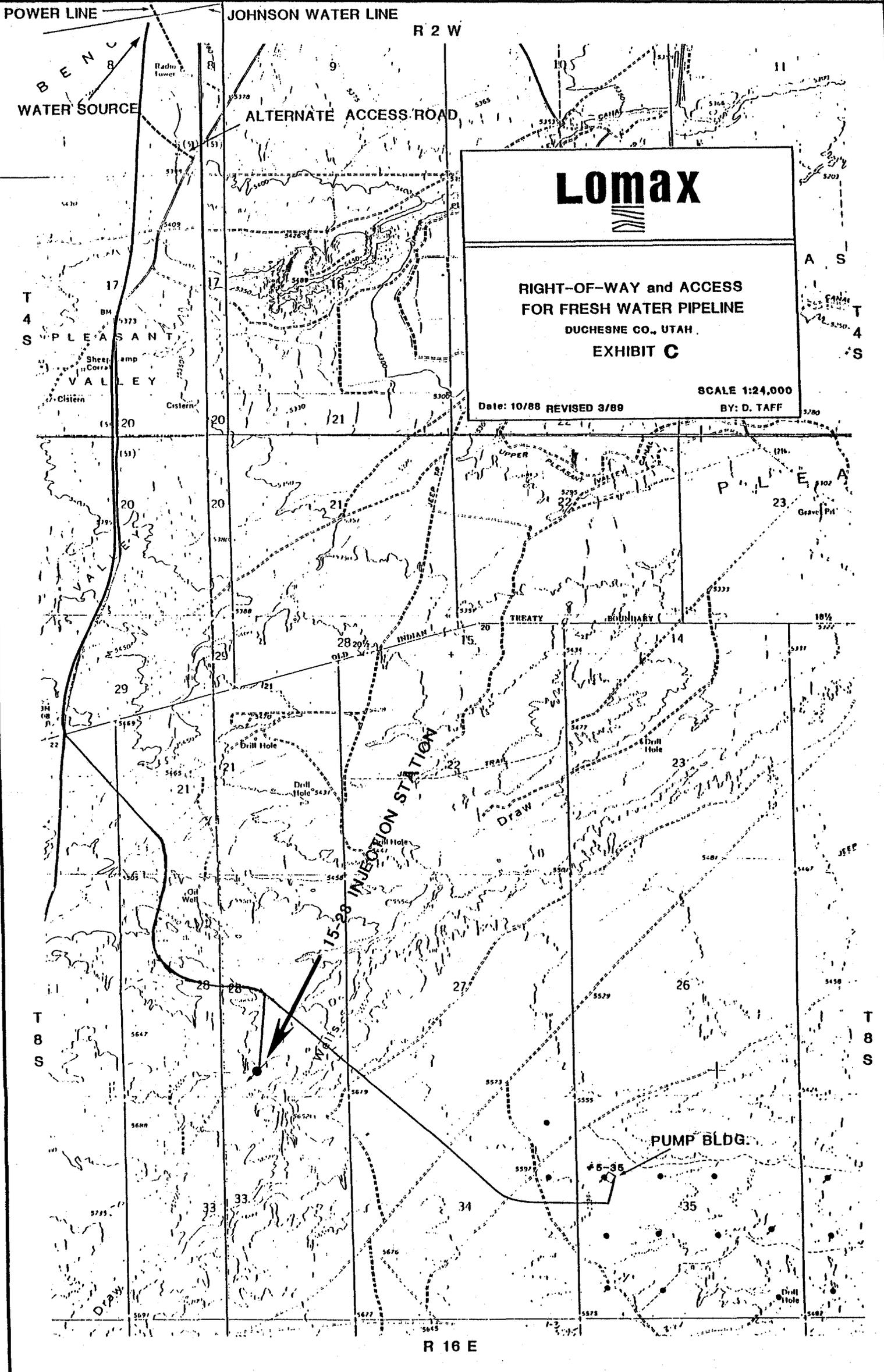
SCALE: 1"=2000'

DATE: 2/8/95 D.COX



LOMAX EXPLORATION CO.

ASHLEY FEDERAL #10-23  
SECTION 23, T9S, R15E, S.L.B.&M.  
1770' FSL 2026' FEL



**Lomax**

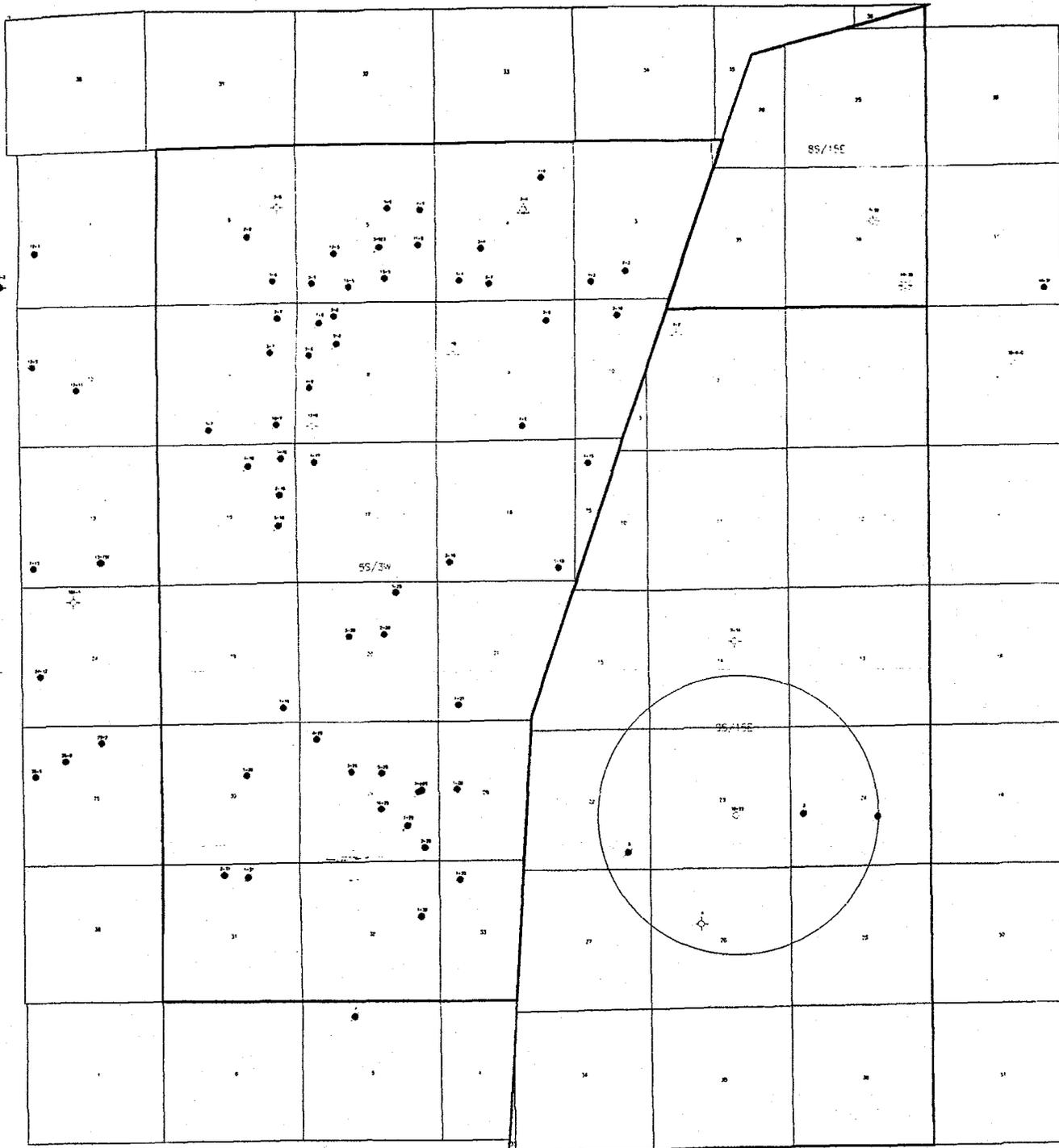
**RIGHT-OF-WAY and ACCESS  
FOR FRESH WATER PIPELINE  
DUCHESE CO., UTAH  
EXHIBIT C**

Date: 10/88 REVISED 3/89  
BY: D. TAFF

SCALE 1:24,000

R 16 E

"EXHIBIT D"



 475 17<sup>th</sup> Street Suite 1500  
Denver, Colorado 80202  
Phone: (303)-292-0900

**Ashley Fed 10-23**

Duchesne County, Utah

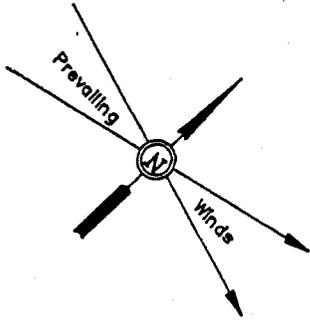
Date: 2-3-95 *David Gerbie*



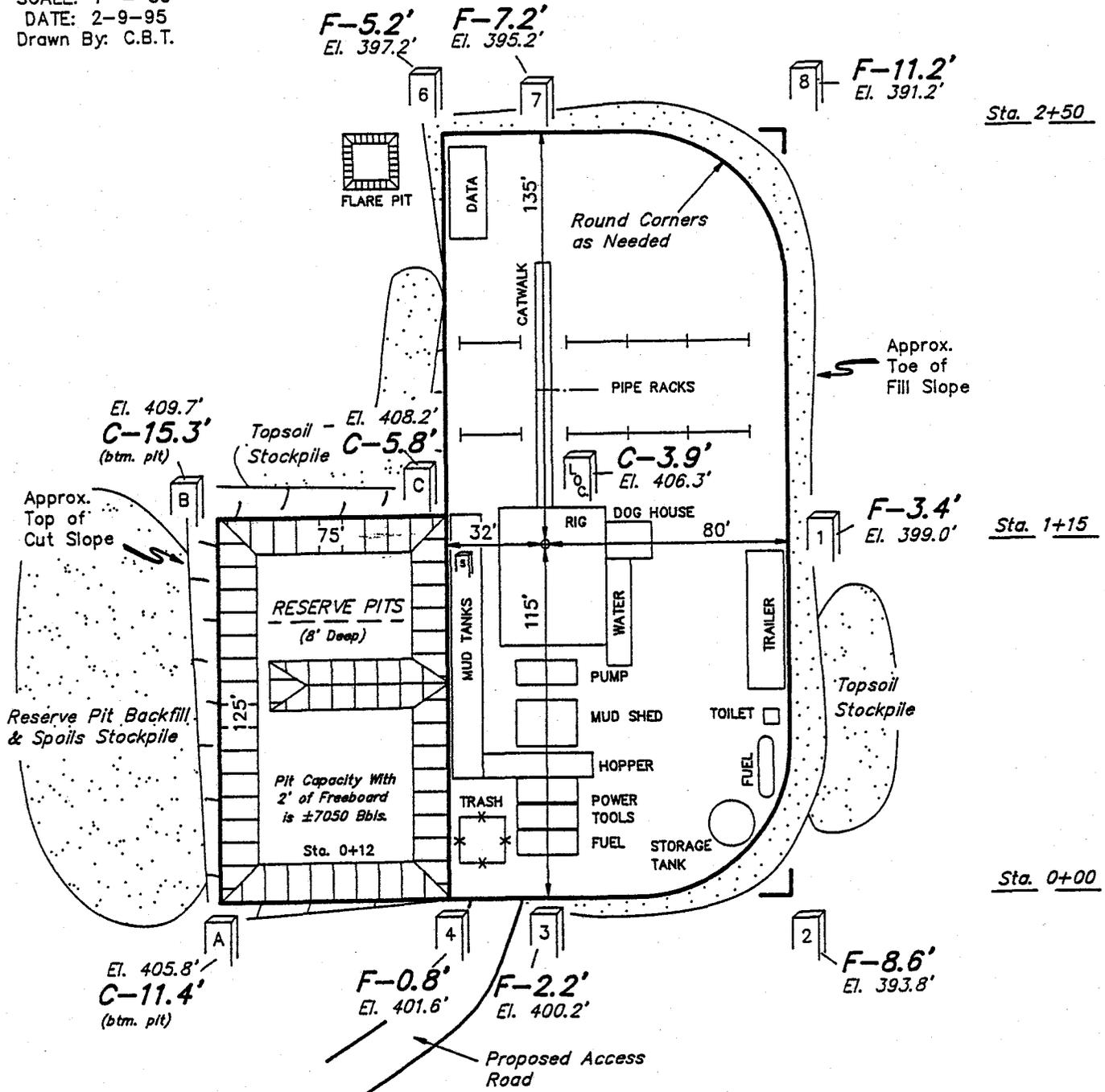
# LOMAX EXPLORATION CO.

## LOCATION LAYOUT FOR

ASHLEY FEDERAL #10-23  
SECTION 23, T9S, R15E, S.L.B.&M.  
1770' FSL 2026' FEL



SCALE: 1" = 50'  
DATE: 2-9-95  
Drawn By: C.B.T.



Elev. Ungraded Ground at Location Stake = 6406.3'

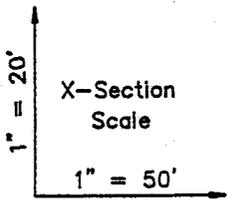
Elev. Graded Ground at Location Stake = 6402.4'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

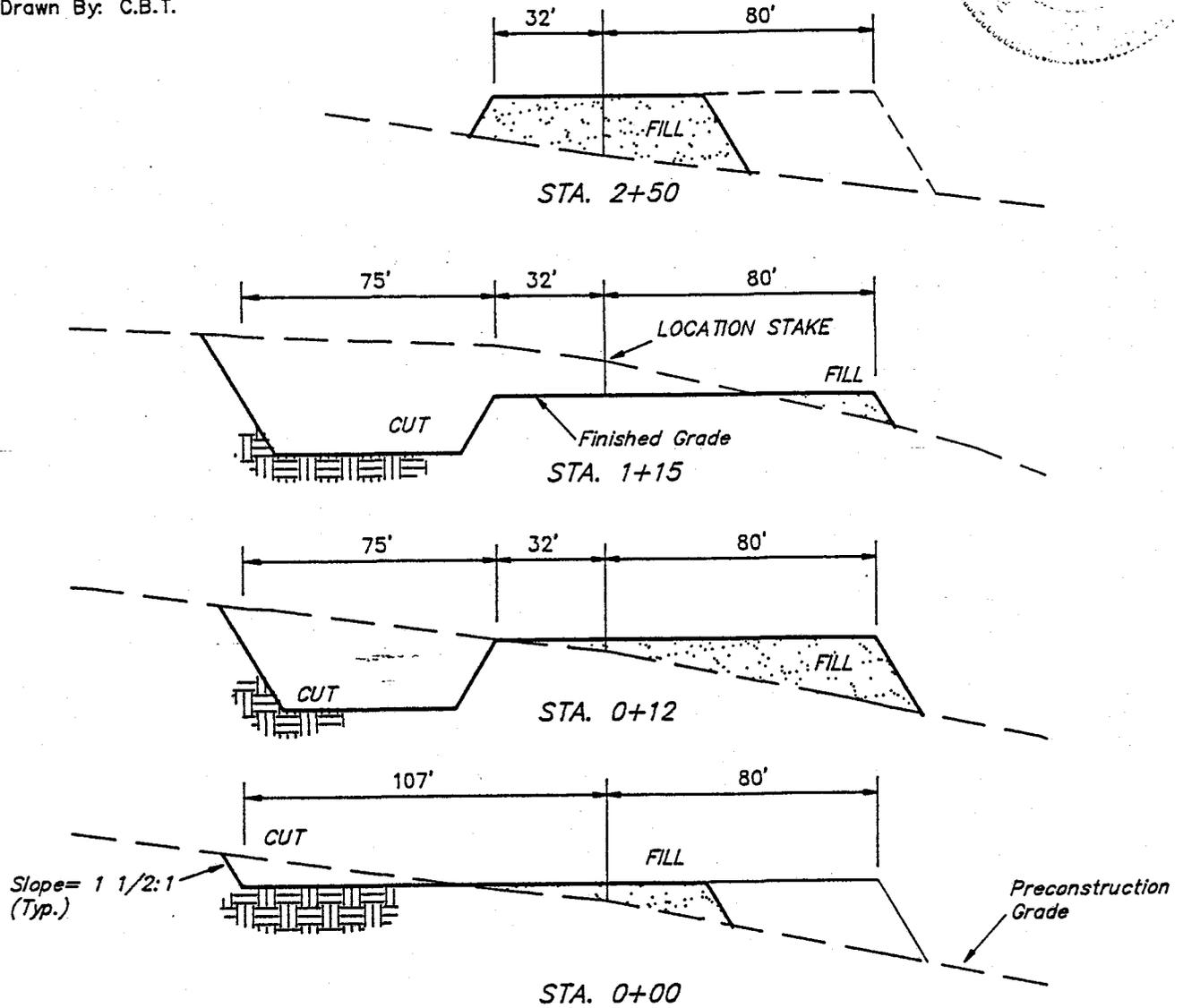
LOMAX EXPLORATION CO.

TYPICAL CROSS SECTIONS FOR

ASHLEY FEDERAL #10-23  
SECTION 23, T9S, R15E, S.L.B.&M.  
1770' FSL 2026' FEL



DATE: 2-9-95  
Drawn By: C.B.T.



APPROXIMATE YARDAGES

(6") Topsoil Stripping = 700 Cu. Yds.  
Remaining Location = 4,250 Cu. Yds.

TOTAL CUT = 5,010 CU.YDS.

FILL = 3,030 CU.YDS.

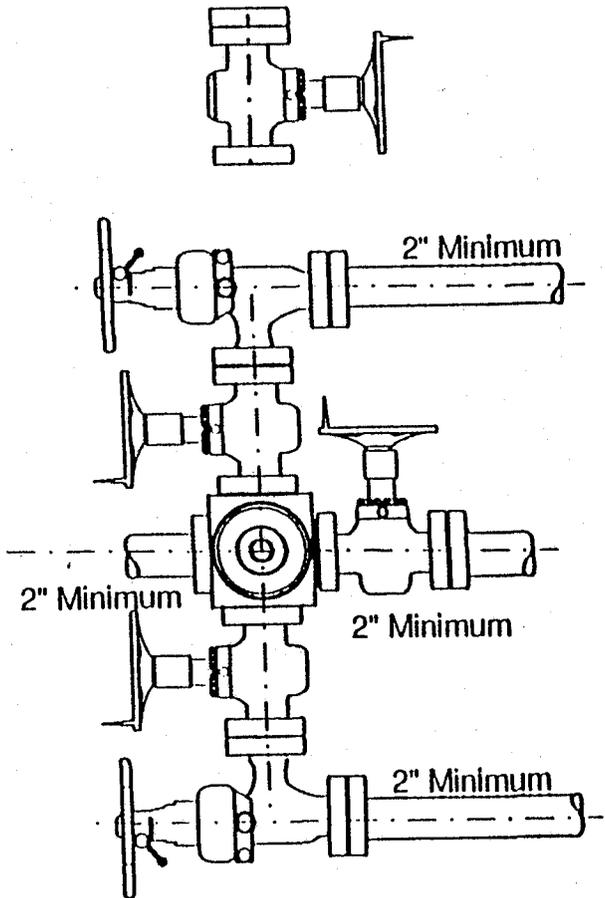
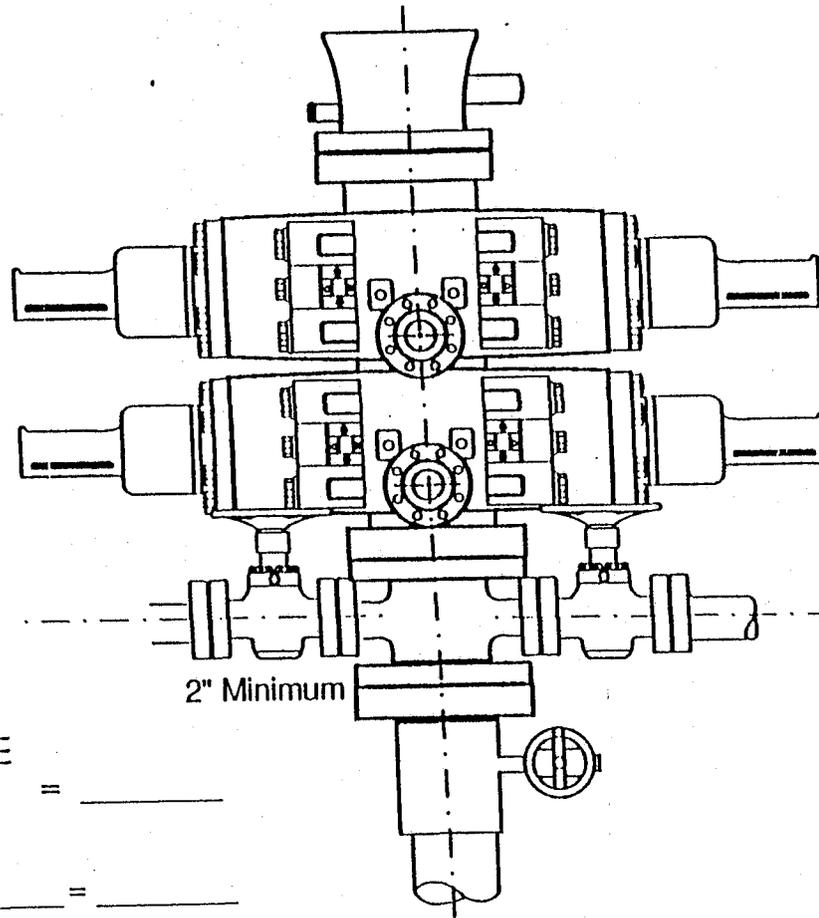
EXCESS MATERIAL AFTER 5% COMPACTION = 1,820 Cu. Yds.  
Topsoil & Pit Backfill (1/2 Pit Vol.) = 1,820 Cu. Yds.  
EXCESS UNBALANCE (After Rehabilitation) = 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

RAM TYPE B.O.P.  
 Make:  
 Size:  
 Model:

# 2-M SYSTEM

EXHIBIT F



GAL TO CLOSE  
 Annular BOP = \_\_\_\_\_  
 Ramtype BOP  
 \_\_\_\_\_ Rams x \_\_\_\_\_ = \_\_\_\_\_  
 = \_\_\_\_\_ Gal.  
 \_\_\_\_\_ x 2 = \_\_\_\_\_ Total Gal.

Rounding off to the next higher  
 increment of 10 gal. would require  
 \_\_\_\_\_ Gal. (total fluid & nitro volume)

**A CULTURAL RESOURCES SURVEY OF LOMAX WELL ASHLEY  
FEDERAL #10-23 AND ACCESS ROAD NEAR WELLS DRAW,  
DUCHESNE COUNTY, UTAH**

by

Wendy Simmons Johnson  
Archaeologist

Prepared for:

Lomax Exploration Company  
P.O. Box 1446  
Roosevelt, Utah 84066

Prepared by:

Sagebrush Archaeological Consultants, L.L.C.  
3670 Quincy Avenue, Suite 203  
Ogden, Utah 84403

Under Authority of Cultural Resources Use Permit No. 95-UT-4630

and

Utah State Antiquities Permit No. U-95-SJ-108b

Archaeological Report No. 741

March 16, 1995

## INTRODUCTION

In March 1995, Lomax Exploration Company (Lomax) of Roosevelt, Utah requested that Sagebrush Archaeological Consultants, L.L.C. (Sagebrush) conduct a cultural resources inventory of well pad Ashley Federal #10-23 and access road, located Duchesne County, Utah.

The well location and access road are located on lands controlled by the Bureau of Land Management (BLM) in T. 9S., R. 15E., Sec 23. Footages for this well are 1770 FSL and 2026 FEL. The project area lies on the USGS 7.5' Quadrangle Myton SW (1964) (Figure 1). The field inspection was carried out by the author and Leah Evans on March 15, 1995, under authority of Cultural Resources Use Permit No. 94-UT-4630 and Utah State Antiquities Permit No. U-95-SJ-108b. A total of 14.6 acres were surveyed during this project. A file search for previously recorded cultural resources sites and paleontological localities near the project area was conducted by Kathie A. Davies at the Division of State History, Utah State Historic Preservation Office, Salt Lake City and by the author and Leah Evans at the Bureau of Land Management, Vernal District Office. The National Register of Historic Places (NRHP) was also checked for any listed or determined eligible sites within the current project area.

More than 10 previous cultural resources projects have been conducted in the area of the current project. Due to the large number of projects conducted in this area, individual project descriptions will not be listed. However, two cultural resources sites, including both project related sites and individual sites, have been previously recorded in the vicinity of the current project area. Following is a brief description of these sites:

**Site 42Dc344.** This site, located just north of an ephemeral wash near Wells Draw, is a light lithic scatter consisting of three flakes and core and a projectile point tip fragment. No NRHP recommendations concerning eligibility of this site were made.

**Site 42Dc553.** This site, located at the west edge of a low sandstone bench and just east of a dry wash, consists of an open lithic scatter with a possible eroded hearth. This site was recommended ELIGIBLE to the NRHP.

No paleontological localities are listed as being located within or near the current project area. The NRHP was consulted prior to the commencement of fieldwork for the present project. No NRHP sites were found located in the vicinity of the current project area.

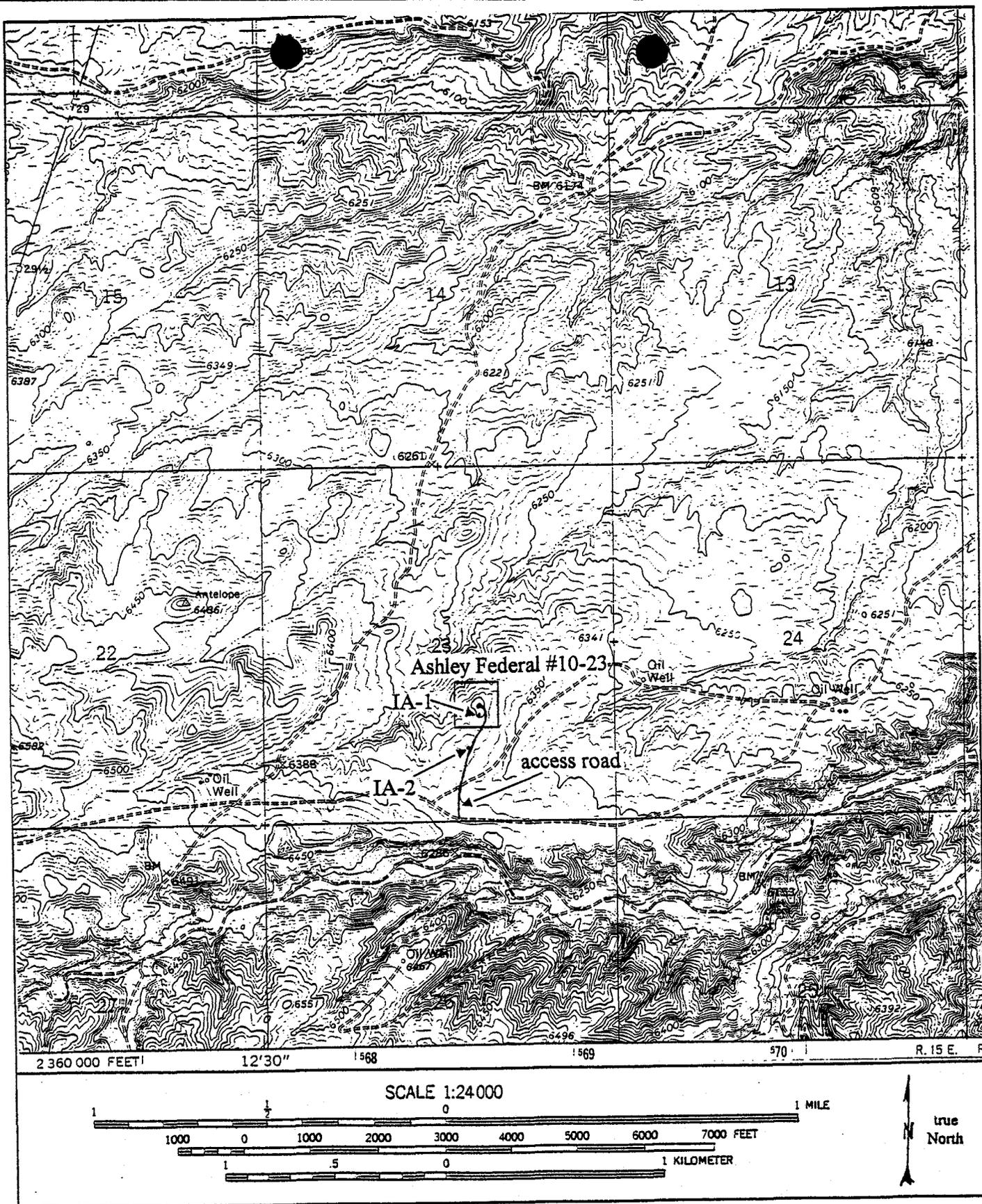


Figure 1. Locations of Lomax well pad Ashley Federal #10-23, access road, and isolated artifacts.

## ENVIRONMENT

The well pad and access road surveyed during this project lies approximately twelve miles south of Myton, Utah and south of Pleasant Valley. The well pad and access road lie in an area of low rolling tablelands dissected by deep drainages and low eroding bedrock outcrops of sandstone and limestone. The surface sediments consist of an interfingering of fluvial deposits and thinly bedded Pleistocene lake bed deposits. Soils in these areas are poorly developed and extremely sandy in nature. Sediments consist of very fine grained, buff, green and reddish colored sand which contains a large amount of angular rock fragments composed of mudstone, limestone and sandstone. The elevation of the areas surveyed ranges between 6341 and 6350 feet (ft) a.s.l. Vegetation in the area covers approximately 10 percent of the surface and is predominantly Shadscale and Pinyon-Juniper community species. Noted species include prickly pear cactus, small sagebrush, winterfat and juniper trees. Many seasonally flowing drainages and washes are present in the vicinity of the project area. These seasonal water sources were, no doubt, the primary source of water in this area historically. Natural disturbance in the area consists primarily of sheetwash erosion and arroyo cutting. Cultural disturbance includes pre-existing well pad locations, access roads which lead to well locations, and sheep grazing.

## METHODOLOGY

The survey area covered during this project consists of one ten acre parcel of land centered on the proposed well head and one access road corridor connecting the well location to a pre-existing well location access road. The well pad was inventoried by the author and Leah Evans in parallel transects spaced no more than 15 meters (m) apart. The access road, which totaled 2000 ft (610 m) in length, was walked in two parallel transects spaced 10 m apart to cover a corridor width of 100 ft (30 m). The area surveyed on this project (including both well pad and access road) totaled 14.6 acres.

## RESULTS

Two isolated artifacts (IA-1 and IA-2) were located during the current inventory. IA-1 consists of a fragmented amethyst glass bottle. The bottle is located on the southern end of the well pad. The second isolated artifact (IA-2) consists of two very corroded tin cans, a tin can lid and three fragments of an amethyst bottle neck. IA-2 is located on the western edge of the access road corridor south of the proposed well pad. These isolates are described as follows:

### Isolated Artifact IA-1

IA-1 consists of approximately 25 fragments of an amethyst glass bottle. The bottle appears to have been a wide mouth prescription bottle measuring between 8-to-10-inches tall. The base of the bottle appears to be square with no trademark present. The glass thickness measured between 1/4-to-1/2-inch thick.

### Isolated Artifact IA-2

IA-2 consists of a three rim fragments of an amethyst glass bottle, two very fragmented tin cans and a tin can lid. The amethyst glass rim fragments indicate that the bottle was most likely a wide mouthed bottle. No diagnostic pieces or trademarks were found for this bottle. Both tin cans were very fragmented and smashed. The first can is a rectangular can measuring 3 5/16 in. long by 4 1/4 in. high. The width of the can is unknown since it was too smashed to measure. The second tin can is too smashed to measure but appears to have interlocking seams. The tin can lid is rectangular shaped and measures 3 5/16 in. long by 2 1/4 in. wide. Lettering is present on this lid, it reads: WALTER BAKER/&Co. Ltd./1/2lb. Net/BREAKFAST/COCOA. There is a figure of a woman in a long dress in the center of the lid.

No other cultural resources sites nor paleontological localities were noted during the inventory.

## RECOMMENDATIONS

No cultural resource sites or paleontological localities were located as a result of this survey. The two isolated artifacts, which were noted during this survey, are not associated with any known site and in-and-of-themselves cannot be considered for eligibility to the NRHP. Therefore, cultural and paleontological clearance is recommended for the proposed project.

This investigation was conducted with techniques which are considered to be adequate for evaluating cultural and paleontological resources which could be adversely affected by the project. However, should such resources be discovered during construction, a report should be made immediately to the BLM District Archaeologist, Vernal District Office, Vernal, Utah. Also, if well preserved fossil material is encountered during construction, contact needs to be made with the State Paleontologist, Utah Geological Survey, Salt Lake City, Utah.

## ISOLATED ARTIFACT RECORD

1. Field Number IA-2                      2. Curation Number \_\_\_\_\_
3. Legal Location T. 9 S., R. 15 E., Sec. 23, NE¼, NW¼, SW¼, SE¼
4. County: Duchesne                      5. USGS 7.5' Quadrangle: Myton SW, Utah (1964)
6. Artifact Owner (Landowner): Bureau of Land Management  
Federal Agency/District: Vernal District  
State Agency/District: \_\_\_\_\_ Private/Name and Address \_\_\_\_\_
7. Collected?  No     Yes    Repository: \_\_\_\_\_
8. Name of Recorder: Wendy Simmons Johnson                      Date: March 15, 1995  
Company/Institution: Sagebrush Archaeological Consultants, L.L.C.

9. Sketch or Photo: Scale: \_\_\_\_\_

10. Artifact Description (Dimensions- materials-use/function-time period):

This isolate consists of a three rim fragments of an amethyst glass bottle, two very fragmented tin cans and a tin can lid. The amethyst glass rim fragments indicate that the bottle was most likely a wide mouthed bottle. No diagnostic pieces or trademarks were found for this bottle. Both tin cans were very fragmented and smashed. The first can is a rectangular can measuring 3 5/16 in. long by 4¼ in. high. The width of the can is unknown as it was too smashed to measure. The second tin can is too smashed to measure but appears to have interlocking seams. The tin can lid is rectangular shaped and measures 3 5/16 in. long by 2¼ in. wide. Lettering is present on this lid, it reads: WALTER BAKER & Co. Ltd. ½lb. Net/BREAKFAST/COCOA. There is a figure of a woman in a long dress in the center of the lid.

11. Environmental Location (Topography-vegetation-soils-slope-hydrology):

This isolate is located on a 5° slope in a series of dissected tablelands and mesas. The soils are a sandy reddish-tan sandy silt with a large number of small angular siltstone cobbles. Vegetation consists primarily of low sagebrush with a few intermixed grasses. There are several juniper trees located near the artifacts.

12. Attach USGS Map Showing Artifact Location.

## ISOLATED ARTIFACT RECORD

1. Field Number IA-1                      2. Curation Number \_\_\_\_\_
3. Legal Location T. 9 S., R. 15 E., Sec. 23, SE¼, SW¼, NW¼, SE¼
4. County: Duchesne                      5. USGS 7.5' Quadrangle: Myton SW, Utah (1964)
6. Artifact Owner (Landowner): Bureau of Land Management  
Federal Agency/District: Vernal District
- State Agency/District: \_\_\_\_\_ Private/Name and Address \_\_\_\_\_
7. Collected?  No     Yes    Repository: \_\_\_\_\_
8. Name of Recorder: Wendy Simmons Johnson                      Date: March 15, 1995  
Company/Institution: Sagebrush Archaeological Consultants, L.L.C.

9. Sketch or Photo: Scale: \_\_\_\_\_

10. Artifact Description (Dimensions- materials-use/function-time period):

This isolate consists of approximately 25 fragments of an amethyst glass bottle. The bottle appears to have been a wide mouth prescription bottle measuring between 8-to-10-inches tall. The base of the bottle appears to be square with no trademark present. The glass thickness measured between ¼-to-½-inch thick.

11. Environmental Location (Topography-vegetation-soils-slope-hydrology):

This isolate is located on the top of a flattened knoll. The soils are a sandy reddish-tan sandy silt with a large number of small angular siltstone cobbles. Vegetation consists primarily of low sagebrush with a few intermixed grasses. There are several juniper trees located just off of the knoll.

12. Attach USGS Map Showing Artifact Location.

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/06/95

API NO. ASSIGNED: 43-013-31519

WELL NAME: ASHLEY FEDERAL 10-23  
 OPERATOR: LOMAX EXPLORATION COMPANY (N0580)

PROPOSED LOCATION:  
 NWSE 23 - T09S - R15E  
 SURFACE: 1770-FSL-2026-FEL  
 BOTTOM: 1770-FSL-2026-FEL  
 DUCHESNE COUNTY  
 CASTLE PEAK FIELD (075)

LEASE TYPE: FED  
 LEASE NUMBER: U - 66185

PROPOSED PRODUCING FORMATION: GRRV

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

RECEIVED AND/OR REVIEWED:

Y Plat  
Y Bond: Federal  State  Fee   
 (Number 4488944)  
N Potash (Y/N)  
H Oil shale (Y/N)  
Y Water permit  
 (Number JOHNSONS WATER DISTRICT)  
N RDCC Review (Y/N)  
 (Date: \_\_\_\_\_)

LOCATION AND SITING:

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

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

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

**EQUIPMENT INVENTORY  
UTAH DIVISION OF OIL, GAS AND MINING  
STATE OF UTAH**

Operator: INLAND PRODUCTION CO Lease: State:      Federal: X Indian:      Fee:     

Well Name: ASHLEY FEDERAL #10-23 API Number: 43-013-31519

Section: 23 Township: 9S Range: 15E County: DUCHESNE Field: ASHLEY FED

Well Status: PQW Well Type: Oil: YES Gas:     

**PRODUCTION LEASE EQUIPMENT: (NUMBER)**

Boiler(s):      Compressor(s):      Separator(s):      Dehydrator(s):     

Shed(s):      Line Heater(s):      Heated Separator(s):      VRU:     

Heater Treater(s): X

**PUMPS:**

Triplex:      Chemical: (1) Centrifugal: (1)

**LIFT METHOD:**

Pumpjack: YES Hydraulic:      Submersible:      Flowing:     

**GAS EQUIPMENT: (NUMBER)**

Purchase Meter: N Sales Meter: (1)

**TANKS:**

NUMBER

SIZE

Oil Storage Tank(s): YES 2-400 OIL BBLs

Water Tank(s): YES 1-200 WATER BBLs

Power Water Tank:           BBLs

Condensate Tank(s):           BBLs

Propane Tank: (1)

**Central Battery Location: (IF APPLICABLE)**

Qtr/Qtr:      Section:      Township:      Range:     

REMARKS: CENTRIFUGAL IS TRACE PUMP. RUNNING ON CASING GAS AT PRESENT TIME.

GLYCOL IS HEATED BY TREATER.

Inspector: DENNIS L. INGRAM Date: 1/2/96

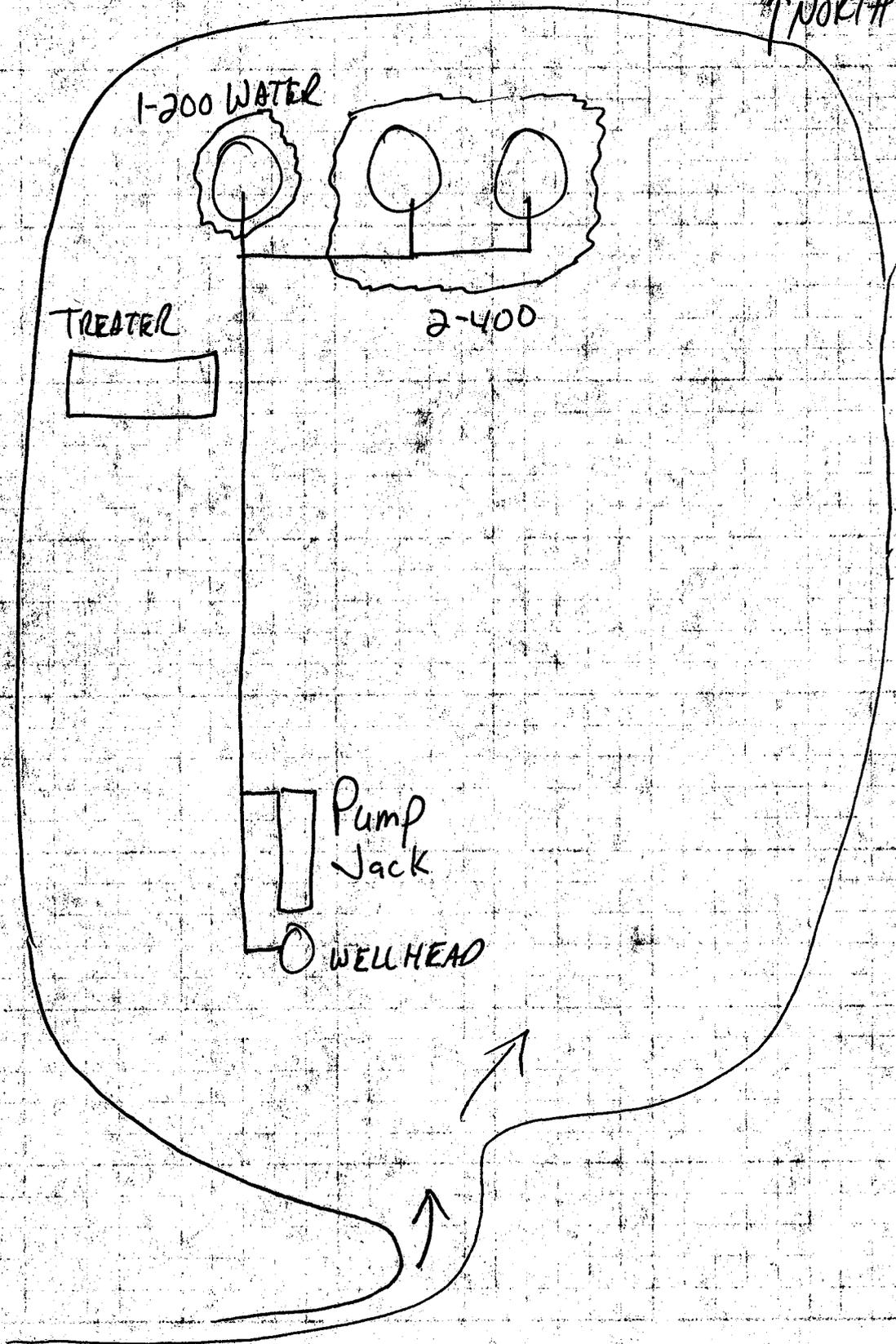
ASHLEY FEDERAL #10-23  
NW/SE SEC 23; T9S; R15E

43-013-31519

1/2/96

*J. J. Jones*

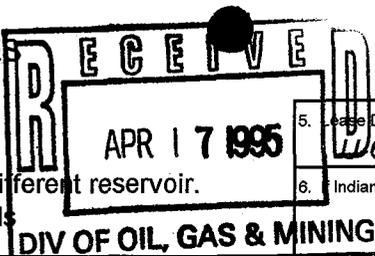
↑ NORTH



50 SHEETS  
22-141 100 SHEETS  
22-142 200 SHEETS



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



**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

LU 66185

6. Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas well     Other

2. Name of Operator

*Lomax Exploration Company*

3. Address and Telephone No.

*P.O. Box 1446    Roosevelt, Utah    8 4 0 6 6    (801) 722-5103*

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

*NW/SE Sec. 23, T9S, R15E*

7. If unit or CA, Agreement Designation

8. Well Name and No.

*Ashley Federal #10-23*

9. API Well No.

*43-013-31519*

10. Field and Pool, or Exploratory Area

11. County or Parish, State

*DUCHESNE, UT*

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

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

*Lomax Exploration Company, under the advise of the BLM, had the location, as above referenced, surveyed at 1770' FSL & 2026' FEL, in order to meet cultural resource sites and/or palentological localities. ( See attached Archaeological report; Isolated Artifact IA-1 and Artifact IA-2).*

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

Signed *Brad Mecham* Title *Operations Manager* Date *4/14/95*

(This space of Federal or State office use.)

Approved by *Matthew* Title *Petroleum Engineer* Date *5/19/95*

Conditions of approval, if any:

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



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
James W. Carter  
Division Director

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

May 19, 1995

Lomax Exploration Company  
P. O. Box 1446  
Roosevelt, Utah 84066

Re: Ashley Federal #10-23 Well, 1770' FSL, 2026' FEL, NW SE, Sec. 23, T. 9 S., R. 15 E., Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31519.

Sincerely,

R. J. Birth  
Associate Director

ldc

Enclosures

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

WAPD



Operator: Lomax Exploration Company

Well Name & Number: Ashley Federal #10-23

API Number: 43-013-31519

Lease: Federal U-66185

Location: NW SE Sec. 23 T. 9 S. R. 15 E.

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5340.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews or Mike Hebertson at (801)538-5340.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate

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

RECEIVED  
MAY 23 1995

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK  DIV. OF OIL, GAS & MINING

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

2. NAME OF OPERATOR  
 Lomax Exploration Company

3. ADDRESS OF OPERATOR  
 P.O. Box 1446 Roosevelt, UT 84066 (801) 722-5103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface NW/SE  
 At proposed prod. zone 1770' FSL 2026' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 16.6 Miles North West of Myton, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)  
 607'

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 3960±

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 6402.4'

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT        |
|--------------|----------------|-----------------|---------------|---------------------------|
| 12 1/4       | 8 5/8          | 24#             | 300'          | 240 sx Class G + 2% CaCl  |
| 7 7/8        | 5 1/2          | 15.5#           | TD            | 530 sx Hilift followed by |
|              |                |                 |               | 450 sx Class G w/ 2% CaCl |

5. LEASE DESIGNATION AND SERIAL NO.  
 U-66185

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Ashley Federal

9. WELL NO.  
 #10-23

10. FIELD AND POOL, OR WILDCAT  
 42-012-31519

11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 23, T9S, R15E

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

16. NO. OF ACRES IN LEASE  
 2286.43

19. PROPOSED DEPTH  
 6500'

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40

20. ROTARY OR CABLE TOOLS  
 Rotary

22. APPROX. DATE WORK WILL START\*  
 Third Quarter 1995

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 Brad Mechem *Brad Mechem* TITLE Operations Manager DATE 3/29/95

(This space for Federal or State office use)

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

APPROVED BY *[Signature]* TITLE ASSISTANT DISTRICT MANAGER (MINERALS) DATE MAY 19 1995

CONDITIONS OF APPROVAL APPLICABLE TO OPERATIONS ONLY

NOTICE OF APPROVAL

\*See Instructions On Reverse Side

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

(17080-510)-145

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Lomax Exploration Company

Well Name & Number: Ashley Federal 10-23

API Number: 43-013-31519

Lease Number: U-66185

Location: NWSE Sec. 23 T. 9S R. 15E

**NOTIFICATION REQUIREMENTS**

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

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

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

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

A. DRILLING PROGRAM

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

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

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

2. Pressure Control Equipment

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

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

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

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

3. Casing Program and Auxiliary Equipment

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

If conductor pipe is set it will be cemented to surface. If drive pipe is used it will be pulled prior to cementing surface casing.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the Base of the Usable Water zone identified at  $\pm 2267$  ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

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

4. Mud Program and Circulating Medium

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

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

5. Coring, Logging and Testing Program

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

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

The Gamma Ray and Induction Logs need to be pulled from TD to the Surface Shoe.

A cement bond log (CBL) will be run from the production casing shoe to  $\pm 2067$  ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

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

6. Notifications of Operations

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

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

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

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

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

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

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

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

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

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

7. Other Information

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

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

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

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

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

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

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

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

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

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

Wayne Bankert           (801) 789-4170  
Petroleum Engineer

Ed Forsman             (801) 789-7077  
Petroleum Engineer

BLM FAX Machine       (801) 781-4410

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

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

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

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

Plans for Reclamation of Location

At time of abandonment the intent of reclamation will be to return the disturbed area to near natural conditions. Recontour the surface of the disturbed area to **blend all cuts, fills, road berms, and borrow ditches to be natural in appearance** with the surrounding terrain. After recontouring of the area, the stockpiled topsoil will be spread over the surface, and the area reseeded and revegetated to the satisfaction of the authorized officer of the BLM.

Other Information

To protect golden eagles nesting in the area the operator is required to develop one earthen road barrier and one rock barrier to close off approximately 2.9 miles of existing road not authorized for access to the location. The earthen barrier will be developed in the SWSE Section 23, T9S, R15E near the southern end of the proposed access road. Behind this barrier the road to be closed will be ripped by earth moving equipment at least 100 feet to discourage vehicle use of the road by drivers that attempt to go around the barrier. This work is to close off the existing road leading east toward Wells Draw. The second barrier is to be developed in the SWNE Section 18, T9S, R16E. This is along the Wells Draw Road and closes off the eastern end of the existing road described above. Large rocks shall be placed at the end of the road where it meets with the Wells Draw Road. Contact the authorized officer of the BLM for more specific instructions if needed.

To prevent potential surface disturbance and to promote revegetation of a previously disturbed area, the operator will notify workers and contractors not to use the "two track road" that bisects the southern end of the access road. If workers and contractors affiliated with the drilling and operation of this well do use this route, the operator will be required to develop barriers to prevent their use of it.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: LOMAX EXPLORATION

Well Name: ASHLEY FEDERAL 10-23

Api No. 43-013-31519

Section 23 Township 9S Range 15E County DUCHESNE

Drilling Contractor \_\_\_\_\_

Rig # \_\_\_\_\_

SPUDDED: Date 6/7/95

Time \_\_\_\_\_

How DRY HOLE

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

Reported by ENTITY ACTION FORM

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

Date: 6/8/95 Signed: JLT

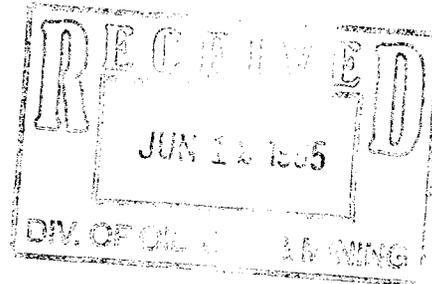
Lomax Exploration Company

P.O. Box 1446  
Roosevelt, Utah 84066  
(801) 722-5103  
FAX (801) 722-9149

June 7, 1995



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



**ATTENTION:** Lisha Cordova

RE: Ashley Federal #10-23  
NW/SE Sec 23, T9S, R15E  
Duchesne County, Utah

Monument Butte State # 14-36  
SE/SW Sec. 36, T8S, R16E  
Duchesne County, Utah

Dear Lisha,

Please find enclosed the "Entity Action Form" on the above referenced wells.

If you have any questions, please do not hesitate to call me at the Roosevelt office, (801) 722-5103.

Sincerely,

A handwritten signature in cursive script that reads "Cheryl Cameron".  
Cheryl Cameron  
Secretary, Drilling & Completion

Enclosures  
/cc

ENTITY ACTION FORM - FORM 6

OPERATOR LOMAX EXPLORATION CO.  
ADDRESS P.O. Box 1446  
ROOSEVELT UT 84066

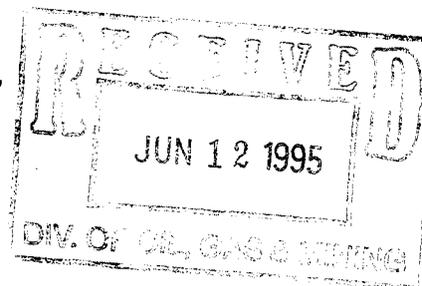
OPERATOR ACCT. NO. N 0580

| ACTION CODE  | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER   | WELL NAME                   | WELL LOCATION |    |     |      |          | SPUD DATE | EFFECTIVE DATE |
|--|--------------------|----------------|--------------|-----------------------------|---------------|----|-----|------|----------|-----------|----------------|
|  |                    |                |              |                             | QQ            | SC | TP  | RG   | COUNTY   |           |                |
| B  | 99999              | 11775          | 43-013-31519 | Ashley Federal #10-23       | NWSE          | 23 | T9S | R15E | Duchesne | 6/7/95    | 6/7/95         |
| WELL 1 COMMENTS:<br><i>Entitles added 6-12-95. Jec</i> |                    |                |              |                             |               |    |     |      |          |           |                |
| B  | 99999              | 11774          | 43-013-31508 | Monument Butte State #14-36 | SESW          | 36 | T8S | R16E | Duchesne | 6/1/95    | 6/1/95         |
| WELL 2 COMMENTS:                                       |                    |                |              |                             |               |    |     |      |          |           |                |
| WELL 3 COMMENTS:                                       |                    |                |              |                             |               |    |     |      |          |           |                |
| WELL 4 COMMENTS:                                       |                    |                |              |                             |               |    |     |      |          |           |                |
| WELL 5 COMMENTS:                                       |                    |                |              |                             |               |    |     |      |          |           |                |

ACTION CODES (See instructions on back of form)

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

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



Brad Meehan  
Signature *Brad Meehan*  
Operations Manager  
Title \_\_\_\_\_ Date \_\_\_\_\_  
Phone No. (801) 722-5103

**Lomax Exploration Company**

P.O. Box 1446  
Roosevelt, Utah 84066  
(801) 722-5103  
FAX (801) 722-9149

June 16, 1995



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

**ATTENTION: Mike Hebertson**

**RE: Ashley Federal #10-23  
NW/SE Sec. 23, T9S, R15E  
Duchesne County, Utah**

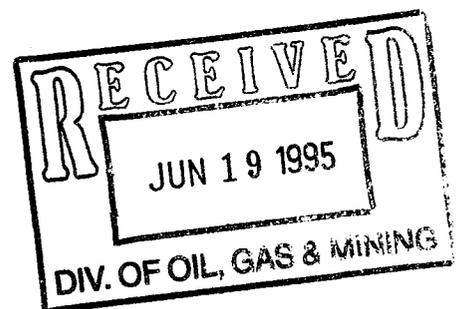
*Dear Mike,*

*Please find enclosed the Sundry Notice for the Weekly Status Report, on the above referenced well.*

*If you have any questions, please do not hesitate to call me at the Roosevelt office, (801) 722-5103.*

*Sincerely,*  
  
Brad Mecham  
Operations Manager

*Enclosures  
/cc*



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
**U-66185**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

*SUBMIT IN TRIPLICATE*

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
**Ashley Federal 10-23**

2. Name of Operator  
**Lomax Exploration Company**

9. API Well No.  
**43-013-31519**

3. Address and Telephone No.  
**P.O. Box 1446 Roosevelt, UT 84066 (801) 722-5103**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**NW/SE 1770' FSL & 2026' FEL  
Sec. 23, T9S, R15E**

10. Field and Pool, or Exporatory Area

11. County or Parish, State  
**Duchesne County, UT**

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 type="checkbox"/> Other <u>Weekly Status</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              |

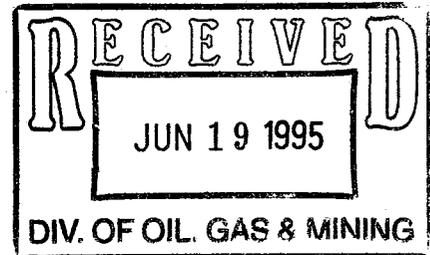
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)\*

WEEKLY STATUS REPORT FOR WEEK OF 6/7/95 - 6/13/95:

Drilled 300' of 12 1/4" hole w/ Leon Ross Rathole Rig. Spud @ 12:30 PM 6/7/95.  
RIH w/ 295' of 8 5/8" surf csg. Cmt in place w/ 130 sx Class G w/ 2% CaCl, 1/4#/sk  
Flocele & 2% Gel.

W/O Drilling Rig



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

Signed Brad Mecham *Brad Mecham* Title Operations Manager Date 6/16/95

(This space for Federal or State office use)

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

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

\*See Instruction on Reverse Side

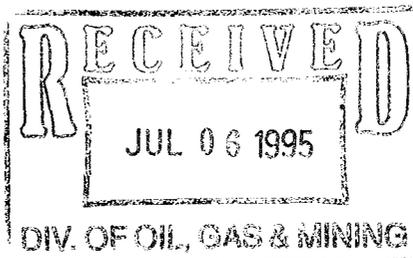
**Lomax Exploration Company**

P.O. Box 1446  
Roosevelt, Utah 84066  
(801) 722-5103  
FAX (801) 722-9149

*June 30, 1995*



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



**ATTENTION: Mike Hebertson**

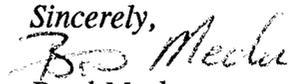
**RE: Ashley Federal #10-23  
NW/SE Sec. 23, T9S, R15E  
Duchesne County, Utah**

**Sundance State #5-32  
SW/NW Sec. 32, T8S, R18E  
Uintah County, Utah**

*Dear Mike,*

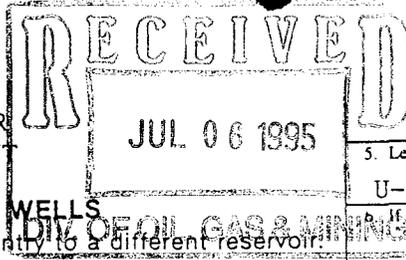
*Enclosed are Sundry Notices for the above referenced wells, both requesting a Confidential Status be placed on these locations.*

*Thank you for your assistance.*

*Sincerely,*  
  
**Brad Mecham**  
*Operations Manager*

**Enclosures**  
**/cc**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

U-66185

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

8. Well Name and No.

Ashley Federal 10-23

2. Name of Operator

Lomax Exploration Co

9. API Well No.

43-013-31519

3. Address and Telephone No.

P.O. Box 1446 Roosevelt, UT 84066 (801) 722-5103

10. Field and Pool, or Exploratory Area

Wildcat

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

NW/SE 1770' FSL & 2026' FEL  
Sec. 23, T9S, R15E

11. County or Parish, State

Duchesne County, UT

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Request Confidential Status
- 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.)\*

LOMAX EXPLORATION COMPANY REQUESTS THAT THE ASHLEY FEDERAL #10-23 BE PLACED ON CONFIDENTIAL STATUS.

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

Signed Brad Mechem *Brad Mechem*

Title Operations Manager

Date 6/30/95

(This space for Federal or State office use)

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

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

**Lomax Exploration Company**

A subsidiary of Inland Resources Inc.



July 13, 1995

State of Utah Department of Natural Resources  
Attention: Ms Becky Pritchett  
355 W. North Temple  
3 Triad Center, Suite 400  
Salt Lake City, Utah 84180-1204

**RE: Corporate Name Change**

Dear Sir or Madame:

Effective July 1, 1995, Lomax Exploration Company will have taken the steps necessary to change its name to **Inland Production Company**. A Certificate issued by the Texas Secretary of State evidencing the name change is attached for your files. We have also attached to this letter those Utah State leases (Exhibit "B") and wells (Exhibit "A") affected by this name change. We have attempted to provide a complete list from the records we have. The intent is to include all leases and wells that Lomax Exploration Company operates or has an interest in.

Riders changing the Principal from Lomax Exploration Company to Inland Production Company under Nationwide Oil and Gas Bond # 4488944 for Lomax Exploration Company will be furnished to the State of Utah in the very near future.

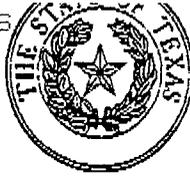
Please amend your records by substituting Inland Production Company in place of Lomax Exploration Company on the leases and wells listed on the attached exhibits. In the future we will begin submitting notices and permits for new operations after July 1, 1995 in the name of Inland Production Company.

Should a fee be required or should you need further information or documents relating to our name change please contact the undersigned at your convenience at the following number: (303) 292-0900 or Cheryl Cameron at our Roosevelt, Utah office (801) 722-5103.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "Chris A. Potter".

Chris A Potter, CPL  
Manager of Land



# The State of Texas

Secretary of State  
JUNE 30, 1995

MIKE PARSONS...GLAST, PHILLIPS & MURRAY  
2200 ONE GALLERIA TWR, 13355 NOEL RD, LB48  
DALLAS, TX 75240-6657

RE:  
INLAND PRODUCTION COMPANY  
CHARTER NUMBER 00415304-00

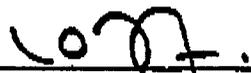
IT HAS BEEN OUR PLEASURE TO APPROVE AND PLACE ON RECORD YOUR ARTICLES OF AMENDMENT. A COPY OF THE INSTRUMENT FILED IN THIS OFFICE IS ATTACHED FOR YOUR RECORDS.

THIS LETTER WILL ACKNOWLEDGE PAYMENT OF THE FILING FEE.

IF WE CAN BE OF FURTHER SERVICE AT ANY TIME, PLEASE LET US KNOW.

VERY TRULY YOURS,



  
Antonio C. Garza, Jr., Secretary of State



The State of Texas

Secretary of State

CERTIFICATE OF AMENDMENT

FOR

INLAND PRODUCTION COMPANY

FORMERLY

LOMAX EXPLORATION COMPANY  
CHARTER NUMBER 00415304

THE UNDERSIGNED, AS SECRETARY OF STATE OF THE STATE OF TEXAS,  
HEREBY CERTIFIES THAT THE ATTACHED ARTICLES OF AMENDMENT FOR THE ABOVE  
NAMED ENTITY 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 AMENDMENT.

DATED JUNE 29, 1995

EFFECTIVE JUNE 29, 1995



  
Antonio O. Garza, Jr., Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
LOMAX EXPLORATION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas

JUN 29 1995

Corporations Section

Pursuant to the provisions of Part Four of the Texas Business Corporation Act, the undersigned corporation adopts the following articles of amendment to its Articles of Incorporation:

1. Name. The name of the corporation is LOMAX EXPLORATION COMPANY.

2. Statement of Amendment. The amendment alters or changes Article One of the original Articles of Incorporation to read in full as follows:

"Article One. The name of the corporation is INLAND PRODUCTION COMPANY."

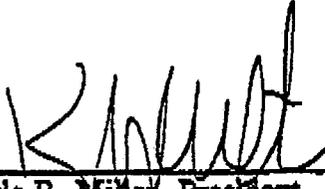
3. Shareholders. The number of shares of the corporation outstanding at the time of such adoption was 205,315, there being 107,546 Common Shares and 97,769 Non-voting Preferred Shares; and the number of shares entitled to vote thereon was 107,546.

4. Adoption by Shareholders. Only the holders of Common Shares of the corporation are entitled to vote on the amendment. The shareholders adopted the foregoing amendment by unanimous written consent dated June 23, 1995, pursuant to the provisions of Article 9.10 of the Texas Business Corporation Act and, therefore, no notice was required to be delivered under said Article 9.10.

5. Adoption by Board of Directors. The Board of Directors adopted said amendment by a consent in writing signed by all Directors.

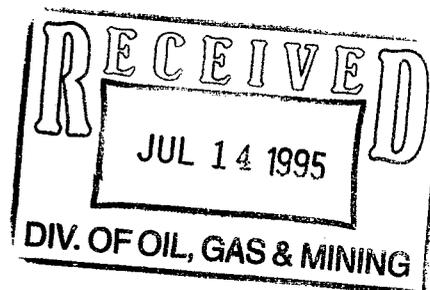
6. Future Effective Date. This amendment will become effective on July 1, 1995, at 12:01 a.m.

EXECUTED June 26, 1995.

  
\_\_\_\_\_  
Kyle R. Miller, President

Lomax Exploration Company

A subsidiary of Inland Resources Inc.



*Announcing*  
*Our Name Change*

*From*

**Lomax Exploration Company**

*To*

**Inland Production  
Company**

*\* N 5160 assigned 7/26/95. Lee*

*Field And Corporate Office Locations Remain The Same:*

**Corporate Office:**

Inland Resources Inc.

475 Seventeenth Street, Suite 1500

Denver, CO 80202

**Field Office:**

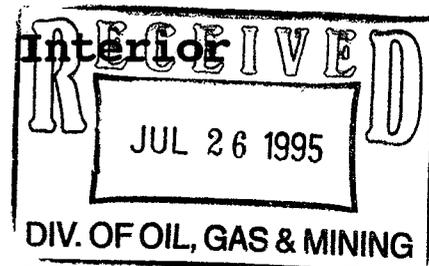
W. Pole Line Road

P.O. Box 1446

Roosevelt, Utah 84066

United States Department of the  
BUREAU OF LAND MANAGEMENT

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



JUL 25 1995

IN REPLY REFER TO:  
3100  
SL-065914 et al  
(UT-923)

NOTICE

Inland Production Company : Oil and Gas Leases  
475 Seventeenth St., Ste. 1500 : SL-065914 et al  
Denver, Colorado 80202 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of Lomax Exploration Company to Inland Production Company on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name 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.

For our purposes, the name change is recognized effective June 29, 1995 (Secretary of State's approval date).

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Lomax Exploration Company to Inland Production Company on Bond No. 4488944 (BLM Bond No. UT0056). You may accomplish this name change either by consent of the surety on the original bond or by a rider to the original bond. Otherwise, a replacement bond with the new name should be furnished to this office. BLM Bond Nos. MT0771 and WY0821 should also be changed for the bonds held by Montana and Wyoming respectively.

/s/ ROBERT LOPEZ

Chief, Branch of Mineral  
Leasing Adjudication

Enclosure  
1-Exhibit (1 p)

cc: Hartford Accident & Indemnity Co.  
Hartford Plaza  
Hartford, CT 06115

bc: Moab District Office  
Vernal District Office  
Montana State Office  
Wyoming State Office  
Eastern States Office  
MMS--Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217  
State of Utah, Attn: Lisha Cordova, Division of Oil, Gas & Mining,  
355 West North Temple, 3 Triad Center, Suite 350, SLC, UT 84180  
Teresa Thompson (UT-922)  
Dianne Wright (UT-923)

**EXHIBIT**

|            |           |           |
|------------|-----------|-----------|
| SL-065914  | U-36846   | UTU-66185 |
| SL-071572A | U-38428   | UTU-67170 |
| U-02458    | U-45431   | UTU-68548 |
| U-15855    | U-47171   | UTU-69060 |
| U-16535    | U-50376   | UTU-69061 |
| U-26026    | U-62848   | UTU-72103 |
| U-34173    | UTU-65965 | UTU-72104 |
| U-36442    | UTU-66184 | UTU-73088 |



July 25, 1995

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



**ATTENTION: Mike Hebertson**

RE: Monument Butte Federal #6-1  
SE/NW Sec. 1, T9S, R16E

Gilsonite State #14I-32  
SW/SW Sec. 32, T8S, R17E

Monument Butte State #14-36  
SE/SW Sec. 36, T8S, R16E

Ashley Federal #10-23  
NW/SE Sec. 23, T9S, R15E  
43 013 31579  
Sundance State #5-32  
SW/NW Sec. 32, T8S, R18E

**CONFIDENTIAL**

Dear Mike,

Enclosed are the CCL, Cmt bond, Compensated Neutron, Dual Laterolog for the Sundance State #5-32; the Dual Laterolog, Compensated Neutron, and the Cmt Bond Log for the G.S.#14I-32; the Dual Laterolog and the Compensated Neutron for the Monument Butte State #14-36; and the Dual Laterolog and the Compensated Neutron Logs for the Ashley Federal #10-23 and the Monument Butte Federal #6-1.

Please do not hesitate to call me if you have any questions at the Roosevelt office, (801) 722-5103.

Sincerely,  
*Cheryl Cameron*  
Cheryl Cameron  
Secretary, Drilling & Completion

/cc  
Enclosure

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**RECEIVED**  
JUL 28 1995  
**BUREAU OF LAND MANAGEMENT**  
**DEPARTMENT OF THE INTERIOR**  
**U.S. DEPARTMENT OF ENERGY**

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 well. Use "APPLICATION FOR PERMIT—" for such proposals.

3. Lease Designation and Serial No.

U-66185

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

CONFIDENTIAL

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

P.O. Box 1446 Roosevelt, UT 84066 (801) 722-5103

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

NW/SE 1770' FSL & 2026' FEL  
Sec. 23, T9S, R15E

8. Well Name and No

Ashley Federal #10-23

9. API Well No.

43-013-31519

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Duchesne County, UT

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

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

REPORT FOR WEEK OF 6/16/95 - 6/23/95:

Drilled 7 7/8" hole from 300' - 6048' w/ Kenting Apollo, Rig #59. Run 6045' of 5 1/2" K-55 csg. Cmt w/ 240 sx Hifill, 333 sx Type V w/ 10% calseal. ND. Set slips. Clean tanks. Rig released @ 2:30 AM 6/23/95.

W/O Completion Rig.

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

Signed Brad Mecham

*Brad Mecham*

Title Operations Manager

Date 7/18/95

(This space for Federal or State office use)

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

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

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

\*See Instruction on Reverse Side

FAX COVER SHEET



RESOURCES INC.  
475 17th Street, Suite 1500  
Denver, CO 80202  
303-292-0900, Fax #303-296-4070

DATE: August 8, 1995

TO: Lisha Cordova

COMPANY: State of Utah - Division of Oil, Gas and Mining

FAX NUMBER: 801 359 3940

FROM: Chris A Potter

NUMBER OF PAGES: 1 (INCLUDING COVER SHEET):

---

RE: Transfer of Authority to Inject  
Lomax Exploration Company to Inland Production Company

I hope the info I sent to you August 1st was acceptable regarding our name change and your phone call to me last week.....

If there is anything missing or you need additional info, please let me know. I am located in our Denver office.....

|                            |              |                        |              |
|----------------------------|--------------|------------------------|--------------|
| ✓ MONUMENT BUTTE 16-34     | 43-013-31436 | SEC. 34, T. 8S, R. 16E | DRL U16535   |
| ✓ BOUNDARY FEDERAL 14-21   | 43-013-31441 | SEC. 21, T. 8S, R. 17E | DRL U50376   |
| ✓ GILSONITE STATE 10-32    | 43-013-31485 | SEC. 32, T. 8S, R. 17E | DRL ML22061  |
| ✓ GILSONITE STATE 8-32     | 43-013-31498 | SEC. 32, T. 8S, R. 17E | DRL ML22061  |
| ✓ MONUMENT FEDERAL 5-34    | 43-013-31499 | SEC. 34, T. 8S, R. 16E | DRL U16535   |
| ✓ MONUMENT BUTTE FED 15-26 | 43-013-31502 | SEC. 26, T. 8S, R. 16E | DRL U67170   |
| ✓ MONUMENT BUTTE ST 16-2   | 43-013-31510 | SEC. 2, T. 9S, R. 16E  | DRL ML21839  |
| ✓ MONUMENT BUTTE ST 8-2    | 43-013-31509 | SEC. 2, T. 9S, R. 16E  | DRL ML21839  |
| ✓ MONUMENT BUTTE FED 5-1   | 43-013-31507 | SEC. 1, T. 9S, R. 16E  | DRL U72103   |
| ✓ MONUMENT BUTTE FED 6-1   | 43-013-31506 | SEC. 1, T. 9S, R. 16E  | DRL U72103   |
| ✓ MONUMENT BUTTE FED 15-34 | 43-013-31511 | SEC. 34, T. 8S, R. 16E | DRL U62848   |
| ✓ MONUMENT BUTTE FED 13-25 | 43-013-31513 | SEC. 25, T. 8S, R. 16E | DRL U67170   |
| ✓ MONUMENT BUTTE 16-26     | 43-013-31517 | SEC. 26, T. 8S, R. 16E | DRL U67170   |
| ✓ TRAVIS FEDERAL 8-33      | 43-013-31503 | SEC. 33, T. 8S, R. 16E | DRL U34173   |
| ✓ PARIETTE DRAW FED 10-23  | 43-047-32672 | SEC. 23, T. 8S, R. 17E | DRL U45431   |
| ✓ PARIETTE DRAW FED 8-23   | 43-047-32676 | SEC. 23, T. 8S, R. 17E | DRL U45431   |
| ✓ PARIETTE DRAW FED 7-23   | 43-047-32673 | SEC. 23, T. 8S, R. 17E | DRL U45431   |
| ✓ SUNDANCE STATE 5-32      | 43-047-32685 | SEC. 32, T. 8S, R. 18E | DRL ML22058  |
| ✓ MONUMENT BUTTE ST 14-36  | 43-013-31508 | SEC. 36, T. 8S, R. 16E | DRL ML22061  |
| ✓ ASHLEY FEDERAL 10-23     | 43-013-31519 | SEC. 23, T. 9S, R. 15E | DRL U66185   |
| ✓ MONUMENT FEDERAL 1A-35   | 43-013-31514 | SEC. 35, T. 8S, R. 16E | DRL U16535   |
| ✓ OK CORRAL FEDERAL 1-30   | 43-047-32686 | SEC. 30, T. 9S, R. 18E | DRL U19267   |
| ✓ S PLEASANT VALLEY 4-22   | 43-013-31522 | SEC. 22, T. 9S, R. 17E | DRL U13905   |
| ✓ CODY FEDERAL 2-35        | 43-013-31525 | SEC. 35, T. 8S, R. 15E | DRL UTU67168 |
| ✓ GILSONITE STATE 14I-32   | 43-013-31523 | SEC. 32, T. 8S, R. 17E | DRL ML21839  |
| ✓ BOUNDARY FEDERAL 10-21   | 43-013-31532 | SEC. 21, T. 8S, R. 17E | DRL U50376   |
| ✓ MONUMENT BUTTE ST 16-36R | 43-013-10159 | SEC. 36, T. 8S, R. 16E | DRL ML22061  |
| ✓ BOUNDARY FEDERAL 9-21    | 43-013-31542 | SEC. 21 T. 8S, R. 17E  | DRL U50376   |

APD's Pending; have not been approved by BLM as of yet.  
 (Leases are held by Inland) \* 8-7-95 / BLM SL "Connie Seare"

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

Routing: (GIL) *ad*

|                                    |
|------------------------------------|
| 1- <del>WPC</del> 7-PL <i>Comp</i> |
| 2-LWP 8-SJ                         |
| 3- <del>DTS</del> 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

(MERGER)

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 6-29-95)

|                   |                                      |                        |                                      |
|-------------------|--------------------------------------|------------------------|--------------------------------------|
| TO (new operator) | <u>INLAND PRODUCTION COMPANY</u>     | FROM (former operator) | <u>LOMAX EXPLORATION COMPANY</u>     |
| (address)         | <u>PO BOX 1446</u>                   | (address)              | <u>PO BOX 1446</u>                   |
|                   | <u>ROOSEVELT UT 84066</u>            |                        | <u>ROOSEVELT UT 84066</u>            |
|                   | <u>KEBBIE JONES</u>                  |                        | <u>KEBBIE JONES</u>                  |
|                   | phone ( <u>801</u> ) <u>722-5103</u> |                        | phone ( <u>801</u> ) <u>722-5103</u> |
|                   | account no. <u>N 5160</u>            |                        | account no. <u>N 0580</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**

- See* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 7-14-95)*
- N/A* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- See* 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: \_\_\_\_ *(7-28-95)*
- See* 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.
- See* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(7-31-95)*
- Sup* 6. Cardex file has been updated for each well listed above. *8-16-95*
- Sup* 7. Well file labels have been updated for each well listed above. *8-22-95*
- See* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(7-31-95)*
- See* 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) \_\_\_\_ (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 Admin. / Rider or Repl. in Progress.*

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- \_\_\_\_ 2. A copy of this form has been placed in the new and former operators' bond files.
- \_\_\_\_ 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.
- OTS 2. Copies of documents have been sent to State Lands for changes involving State leases.  
*8/23/95 sent to Ed Bunker*

**FILMING**

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

**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**

*950726 Blm/SL Aprv. eff. 6-29-95.*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

U-66185

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Ashley Federal #10-23

9. API Well No.

43-013-31519

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Duchesne County, UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

P.O. Box 1446 Roosevelt, UT 84066 (801) 722-5103

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

NW/SE 1770' FSL & 2026' FEL

Sec. 23, T9S, R15E

**CONFIDENTIAL**

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

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other **Weekly Status**

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.)\*

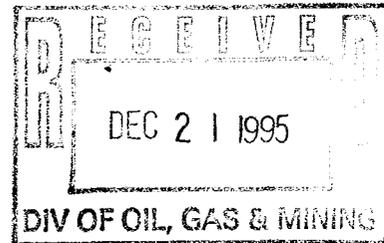
WEEKLY STATUS REPORT FOR WEEK OF 12/5/95 - 12/12/95:

12/5/95: Perf CP-3 @ 5814' - 5822'  
Frac w/ 54,500# 20/40 sd in 547 gal gel

12/7/95: Perf LDC sd @ 5206' - 5218' & 5234' - 5259'  
Frac w/ 113,300# 20/40 sd in 31,357 gal gel

12/9/95: Perf A-5 sd @ 4968' - 4977'  
Frac w/ 21,200# 20/40 sd in 12,028 gal gel

12/12/95: Perf B-2 sd @ 4884' - 89'  
Frac w/ 25,000# 20/40 sd in 287 bbls boragel



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

Signed Brad Mecham Title Operations Manager

Date 12/19/95

(This space for Federal or State office use)

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

Title \_\_\_\_\_

Date \_\_\_\_\_

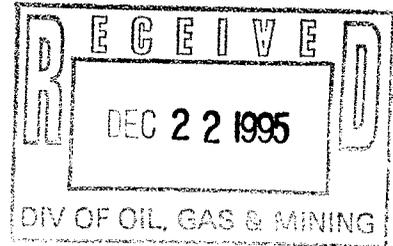
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side



*December 20, 1995*

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



**ATTENTION: Mike Hebertson**

**RE: Monument Butte Federal #5-1  
SW/NW Sec. 1, T9S, R16E**

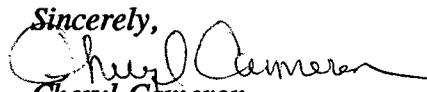
**Ashley Federal #10-23  
NW/SE Sec. 23, T8S, R15E**

**South Pleasant Valley Federal #1-21  
NE/NE Sec. 21, T9S, R17E**

*Dear Mike,*

*Enclosed are three copies (each) of the Sundry Notices And Reports on Wells, for the above referenced locations, and the Well Completion or Recompletion Report and Log for the MBF #5-1.*

*Please do not hesitate to call me if you need additional information, or have any questions, (801) 722-5103.*

*Sincerely,*  
  
**Cheryl Cameron**  
**Regulatory Compliance Specialist**

*/cc  
Enclosures*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**RECEIVED**  
DEC 22 1995  
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

5. Lease Designation and Serial No.  
U-66185

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

P.O. Box 1446 Roosevelt, UT 84066 (801) 722-5103

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

NW/SE 1770' FSL & 2026' FEL  
Sec. 23, T9S, R15E

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Ashley Federal

8. Well Name and No.

#10-23

9. API Well No.

43-013-31519

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Duchesne County, Utah

**CONFIDENTIAL**

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Weekly Status Report
- 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.)\*

**WEEKLY STATUS REPORT FOR WEEK OF 12/14/95 - 12/20/95**

12/14/95: Perf C sd @ 4788' - 4796' & D-3 sd @ 4740' - 4756'  
Frac w/ 92,600# 20/40 sd in 640 bbls boragel

12/19/95: TIH w/ NC, 2 jts 2 7/8" 6.5# J-55 tbg, SN, 1 jt tbg, AC, 183 jts tbg.  
AC @ 5772', SN @ 5807', EOT @ 5871'

12/20/95: RIH w/ Trico RHAC 2 1/2" X 1 1/2" X 12 X 16 pump, 4 wt rods, 4 - 3/4"  
scrapered, 129 - 3/4" plain, 94 - 3/4" scrapered, 1 - 2' pony,  
1 1/2" X 22' polished rod. Seat pump.

ON PRODUCTION @ 3:00 PM 12/20/95

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

Signed Cheryl Cameron Title Regulatory Compliance Specialist Date 12/21/95

(This space for Federal or State office use)

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

**CONFIDENTIAL**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**Inland Production Company**

3. Address and Telephone No.  
**P.O. Box 1446 Roosevelt, UT 84066**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**NW/SE 1770' FSL & 2026' FEL  
 Sec. 23, T9S, R15E**

5. Lease Designation and Serial No.  
**U-66185**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
**Ashley Federal #10-23**

9. API Well No.  
**43-013-31519**

10. Field and Pool, or Exploratory Area

11. County or Parish, State  
**Duchesne County, UT**

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

| TYPE OF SUBMISSION                                | TYPE OF ACTION                                   |
|---|--|
| <input type="checkbox"/> Notice of Intent         | <input type="checkbox"/> Abandonment             |
| <input type="checkbox"/> 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 type="checkbox"/> Other <u>Shut-In</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.)\*

The Ashley Federal #10-23 was shut in on 1/24/96, until the Right-Of-Way Approval has been received from the Bureau of Land Management, and a sales line can be installed.

14. I hereby certify that the foregoing is true and correct  
 Signed Cheryl Cameron Title Regulatory Compliance Specialist Date 1/30/96

(This space for Federal or State office use)

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

U-66185

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ashley Federal

9. WELL NO.

#10-23

10. FIELD AND POOL, OR WILDCAT

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

Sec. 23, T9S, R15E

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

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

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

2. NAME OF OPERATOR

Inland Production Company

3. ADDRESS OF OPERATOR

P.O. Box 1446 Roosevelt, UT 84066

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

At surface 1770' FSL 2026' FEL

At top prod. interval reported below NW/SE Sec. 23, T9S, R15E

At total depth

**CONFIDENTIAL**

14. PERMIT NO.

43-013-31519

DATE ISSUED

5/19/95

15. DATE SPUNDED

6-7-95

16. DATE T.D. REACHED

6-22-95

17. DATE COMPL. (Ready to prod.)

12-20-95

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

6402.4' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6048

21. PLUG, BACK T.D., MD & TVD

6001'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
5814'-5822', 5206'-5218' & 5234'-5259';  
4968'-4977'; 4884'-4889'; 4788'-4796'; 4740'-4756'

Green River

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL DLL CML

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#             | 295'           | 12 1/4    | 130 sx Class G w/ 2% CaCl<br>+ 1/4#/sk Flocele & 2% Gel   |               |
| 5 1/2       | 15.5#           | 6045'          | 7 7/8     | 240 sx HiFill followed by<br>333 sx Type V w/10% Cal-Seal |               |

29. LINER RECORD

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

30. TUBING RECORD

| SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------------|-----------------|
|      |                |                 |

31. PERFORATION RECORD (Interval size and number)

|         |                             |
|---------|-----------------------------|
| CP-3 sd | 5814'-5822'                 |
| LDC sd  | 5206'-5218' & 5234' - 5259' |
| A-5 sd  | 4968'-4977'                 |
| B-2 sd  | 4884'-4889'                 |
| C sd    | 4788'-4796'                 |
| D-3 sd  | 4740'-4756'                 |

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| *see back           |                                  |

33.\* PRODUCTION

| DATE FIRST PRODUCTION | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | WELL STATUS (Producing or shut-in) |                         |          |            |                         |               |
|-----------------------|--|------------------------------------|-------------------------|----------|------------|-------------------------|---------------|
| 12/21/95              | pumping w/1 1/2" THD Pump  | producing                          |                         |          |            |                         |               |
| DATE OF TEST          | HOURS TESTED   | CHOKE SIZE                         | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.              | GAS-OIL RATIO |
| 7 DAY AVERAGE         | 1/96   | N/A                                | →                       | 54       | 850        | 30                      | 15.8          |
| FLOW. TUBING PRESS.   | CASING PRESSURE  | CALCULATED 24-HOUR RATE            | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) |               |
|                       |  | →                                  |                         |          |            |                         |               |

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

Sold & used for fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Logs listed in item #26

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

SIGNED Brad Mecham *Brad Mecham*

TITLE Operations Manager

DATE 1/31/96

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

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

38. GEOLOGIC MARKERS

| FORMATION        | TOP   | BOTTOM | #32 DESCRIPTION, CONTENTS, ETC.             | TOP  |                  |
|------------------|-------|--------|---|------|------------------|
|                  |       |        |   | NAME | MEAS. DEPTH      |
|                  |       |        |   |      | TRUE VERT. DEPTH |
| Garden Gulch Mkt | 3942' |        | Perf CP-3 5814'-5822'                       |      |                  |
| Point 3          | 4181' |        | Frac w/ 54,500# 20/40 sd w/ 22,974 gal gel  |      |                  |
| X Marker         | 4455' |        | Perf LDC 5206'-5218'                        |      |                  |
| Y Marker         | 4491' |        | 5234'-5259'                                 |      |                  |
| Douglas Creek    | 4596' |        | Frac w/ 113,300# 20/40 sd w/ 31,357 gal gel |      |                  |
| B Limestone      | 4943' |        | Perf A-5 4968'-4977'                        |      |                  |
| Castle Peak      | 5504' |        | Frac w/ 21,200# 20/40 sd w/ 12,028 gal gel  |      |                  |
| Basal Carbonate  | 5945' |        | Perf B-2 4884'-4889'                        |      |                  |
|                  |       |        | Frac w/ 25,000# 20/40 sd w/ 12,054 gal gel  |      |                  |
|                  |       |        | Perf C 4788'-4796'                          |      |                  |
|                  |       |        | D-3 4740'-4756'                             |      |                  |
|                  |       |        | Frac w/ 92,600# 20/40 sd w/ 26,880 gal gel  |      |                  |



FEB 26 1996

February 23, 1996

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

**CONFIDENTIAL**

**ATTENTION: Vicky Dyson**

RE: Ashley Federal #10-23  
43 013 31519  
TOGS RISE 23  
POW

Dear Vicky,

Enclosed is the Acoustic Cement Bond Log that you requested per your letter dated 2/20/96. I do apologize that this log was overlooked when the Well Completion Report was mailed out.

Please do not hesitate to call me if you need additional information, or have any questions, (801) 722-5103.

Sincerely,  
  
Cheryl Cameron  
Regulatory Compliance Specialist

/cc  
Enclosures

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

U-66185

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Ashley Federal #10-23

9. API Well No.

43-013-31519

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Duchesne County, Utah

**SUBMIT IN TRIPLICATE ORIGINAL  
CONFIDENTIAL**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

P.O. Box 1446 Roosevelt, Utah 84066 (801)722-5103

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

NW/SE 1770' FSL & 2026' FEL

Sec. 23, T9S, R15E

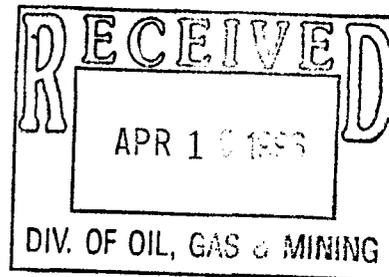
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| 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>On Production</u> |
|   | <input type="checkbox"/> Change of Plans                       |
|   | <input type="checkbox"/> New Construction                      |
|   | <input type="checkbox"/> Non-Routine Fracturing                |
|   | <input type="checkbox"/> Water Shut-Off                        |
|   | <input type="checkbox"/> Conversion to Injection               |
|   | <input type="checkbox"/> Dispose Water                         |

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

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

The Ashley Federal #10-23 was shut in on 01/24/96.  
Gas sales line was installed and well back on production 03/27/96.



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

Signed Cheryl Cameron

Title Regulatory Compliance Specialist Date 04/17/96

(This space for Federal or State office use)

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

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address

INLAND PRODUCTION COMPANY  
P.O. BOX 1446  
ROOSEVELT UT 84066

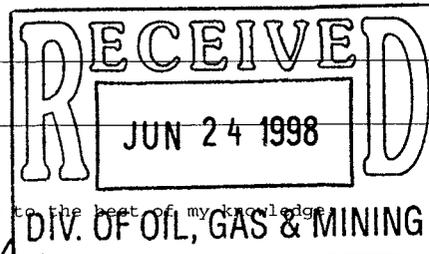
Utah Account No: N5160

Report Period (Month/Year) 04/98

Amended Report | | (Highlight Changes)

| Well Name                    |        | Producing   | Well | Days   | Production Volume |           |            |             |
|------------------------------|--------|-------------|------|--------|-------------------|-----------|------------|-------------|
| API Number                   | Entity | Location    | Zone | Status | Oper              | OIL (BBL) | GAS (MSCF) | WATER (BBL) |
| 14-36 MONUMENT BUTTE STATE   |        |             |      |        |                   |           |            |             |
| 4301331508                   | 11774  | 36 8S 16E   | GRRV | POW    | 30                | 598       | 2764       | 0           |
| 10-23 ASHLEY FEDERAL         |        |             |      |        |                   |           |            |             |
| 4301331519                   | 11775  | 23 9S 15E   | GRRV | POW    | 29                | 128       | 730        | 175         |
| 5-32 SUNDANCE STATE          |        |             |      |        |                   |           |            |             |
| 4304732685                   | 11781  | 32 8S 18E   | GRRV | POW    | 30                | 378       | 1705       | 0           |
| 2-35R CODY FEDERAL           |        |             |      |        |                   |           |            |             |
| 4301331525                   | 11794  | 35 8S 15E   | GRRV | POW    | 29                | 298       | 1471       | 671         |
| 5-1 MONUMENT BUTTE FEDERAL   |        |             |      |        |                   |           |            |             |
| 4301331507                   | 11796  | 1 9S 16E    | GRRV | POW    | 30                | 630       | 1827       | 0           |
| 10-21 BOUNDARY FEDERAL       |        |             |      |        |                   |           |            |             |
| 4301331532                   | 11803  | 21 8S 17E   | GRRV | POW    | 30                | 551       | 705        | 0           |
| 16-36R MONUMENT BUTTE STATE  |        |             |      |        |                   |           |            |             |
| 4301310159                   | 11804  | 36 8S 16E   | GRRV | POW    | 30                | 656       | 1208       | 0           |
| 14-25 MONUMENT BUTTE FEDERAL |        |             |      |        |                   |           |            |             |
| 4301331531                   | 11805  | 25 T8S R16E | GRRV | POW    | 30                | 312       | 1575       | 0           |
| 9-21 BOUNDARY FEDERAL        |        |             |      |        |                   |           |            |             |
| 4301331542                   | 11806  | 21 8S 17E   | GRRV | POW    | 29                | 411       | 1650       | 0           |
| 15-36 MONUMENT BUTTE STATE   |        |             |      |        |                   |           |            |             |
| 4301331544                   | 11807  | 36 8S 16E   | GRRV | POW    | 30                | 271       | 1047       | 704         |
| 4-1 MONUMENT BUTTE FEDERAL   |        |             |      |        |                   |           |            |             |
| 4301331545                   | 11812  | 1 9S 16E    | GRRV | POW    | 29                | 29        | 752        | 100         |
| 4-22 SOUTH PLEASANT VALLEY   |        |             |      |        |                   |           |            |             |
| 4301331522                   | 11813  | 22 9S 17E   | GRRV | POW    | 30                | 617       | 962        | 0           |
| 16-26 MONUMENT BUTTE FEDERAL |        |             |      |        |                   |           |            |             |
| 4301331517                   | 11814  | 26 8S 16E   | GRRV | POW    | 29                | 1838      | 1038       | 52          |
| TOTAL                        |        |             |      |        |                   | 6717      | 17434      | 1702        |

Comments:

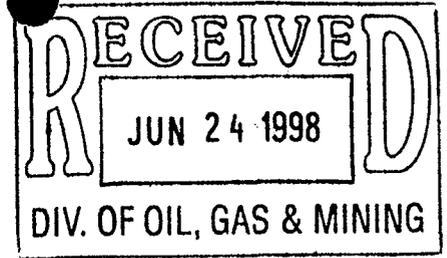


I hereby certify that this report is true and complete to the best of my knowledge

Name & Signature: *Terrie S. Jones*

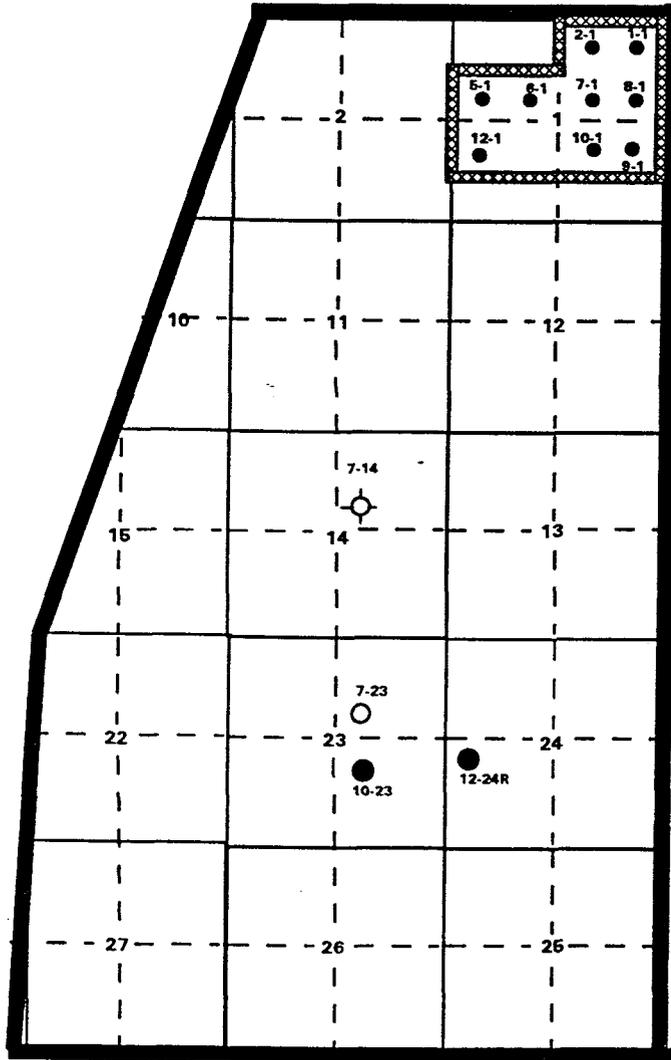
Date: *June 16, 1998*

Telephone: (435) - 722-5103



# ASHLEY UNIT Duchesne County, Utah

EFFECTIVE: DECEMBER 22, 1994



9S

15E

— UNIT OUTLINE (UTU73520X)

⋯ GREEN RIVER PA "A"

8,277.43 ACRES

GRRV PA "A"  
ALLOCATION  
FEDERAL 100%  
400.12 Acres

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-66185**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**ASHLEY (GR RVR)**

8. Well Name and No.

**ASHLEY FEDERAL 10-23**

9. API Well No.

**43-013-31519**

10. Field and Pool, or Exploratory Area

**CASTLE PEAK**

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)

**1770 FSL 2026 FEL                      NW/SE Section 23, T09S R15E**

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

**TYPE OF SUBMISSION**

**TYPE OF ACTION**

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

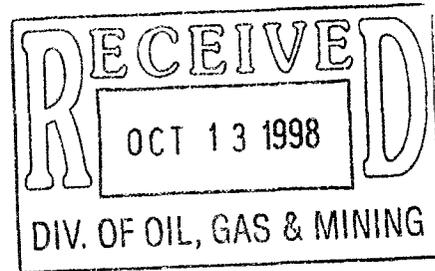
Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other    **Site Security**

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

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

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

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



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

Signed

*Lekkie E. Knight*

Title

**Manager, Regulatory Compliance**

Date

**10/7/98**

(This space for Federal or State office use)

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

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

**CC: UTAH DOGM**

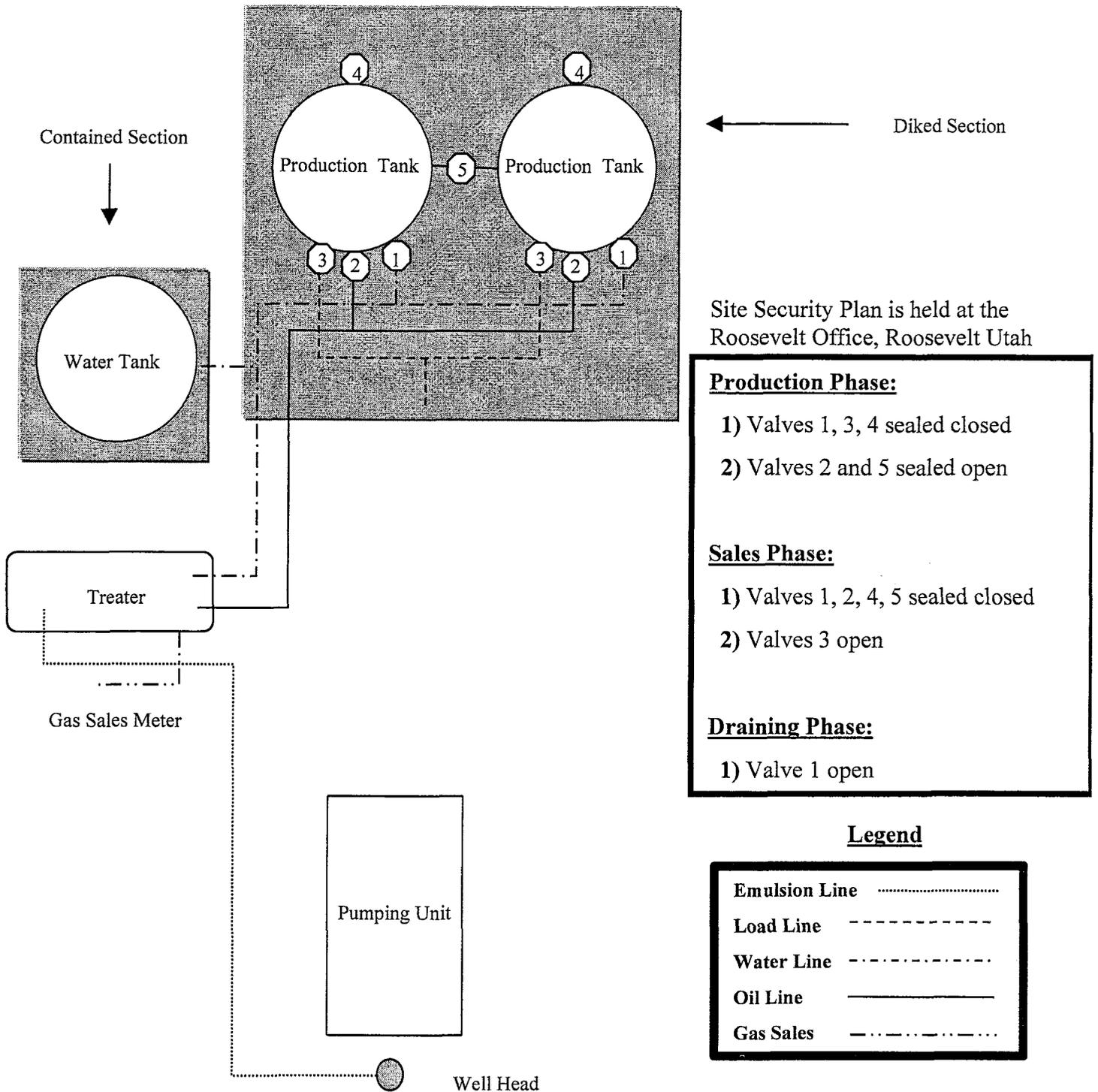
# Inland Production Company Site Facility Diagram

Ashley 10-23

NW/SE Sec. 23, T9S, 15E

Duchesne County

May 12, 1998



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

- Production Phase:**
- 1) Valves 1, 3, 4 sealed closed
  - 2) Valves 2 and 5 sealed open
- Sales Phase:**
- 1) Valves 1, 2, 4, 5 sealed closed
  - 2) Valves 3 open
- Draining Phase:**
- 1) Valve 1 open

**Legend**

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



# United States Department of the Interior



## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>

IN REPLY REFER TO:

3106

(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

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

|         |        |        |        |       |        |
|---------|--------|--------|--------|-------|--------|
| 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  |       |        |

Corporations Section  
P.O.Box 13697  
Austin, Texas 78711-3697



Geoffrey S. Connor  
Secretary of State

## 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

Come visit us on the internet at <http://www.sos.state.tx.us/>

PHONE(512) 463-5555  
Prepared by: SOS-WEB

FAX(512) 463-5709

TTY7-1-1

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

**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:  |  | <b>9/1/2004</b> |
| <b>FROM:</b> (Old Operator):<br>N5160-Inland Production Company<br>Route 3 Box 3630<br>Myton, UT 84052<br>Phone: 1-(435) 646-3721 | <b>TO:</b> ( New Operator):<br>N2695-Newfield Production Company<br>Route 3 Box 3630<br>Myton, UT 84052<br>Phone: 1-(435) 646-3721 |                 |

**CA No. Unit:**

| <b>WELL(S)</b>                    |             |      |      |            |           |            |           |             |  |
|-----------------------------------|-------------|------|------|------------|-----------|------------|-----------|-------------|--|
| NAME                              | SEC TWN RNG |      |      | API NO     | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |  |
| WALKER/SAND PASS 14-21R-4-1(REENT | 21          | 040S | 010W | 4301331069 | 14300     | Fee        | NA        | P           |  |
| CODY FEDERAL 2-35 (REENTRY)       | 35          | 080S | 150E | 4301331525 | 11794     | Federal    | OW        | P           |  |
| MONUMENT BUTTE FED 14-25          | 25          | 080S | 160E | 4301331531 | 11805     | Federal    | OW        | P           |  |
| MONUMENT BUTTE FED 12-25          | 25          | 080S | 160E | 4301331554 | 11840     | Federal    | OW        | P           |  |
| MONUMENT BUTTE FED 10-25          | 25          | 080S | 160E | 4301331562 | 11874     | Federal    | OW        | P           |  |
| MONUMENT BUTTE FED 16-26          | 26          | 080S | 160E | 4301331517 | 11814     | Federal    | OW        | P           |  |
| MONUMENT BUTTE ST 14-36           | 36          | 080S | 160E | 4301331508 | 11774     | State      | OW        | P           |  |
| MONUMENT BUTTE ST 10-36           | 36          | 080S | 160E | 4301331551 | 11822     | State      | OW        | P           |  |
| MONUMENT BUTTE ST 2-36            | 36          | 080S | 160E | 4301331556 | 11855     | State      | OW        | P           |  |
| ASHLEY FEDERAL 10-23              | 23          | 090S | 150E | 4301331519 | 11775     | Federal    | OW        | P           |  |
| FEDERAL 41-10Y                    | 10          | 090S | 160E | 4301331478 | 11764     | Federal    | NA        | PA          |  |
| FEDERAL 21-13Y                    | 13          | 090S | 160E | 4301331400 | 11510     | Federal    | OW        | P           |  |
| NOVA 31-20 G NGC FEDERAL          | 20          | 090S | 160E | 4301331071 | 10185     | Federal    | OW        | S           |  |
| FEDERAL 41-21Y                    | 21          | 090S | 160E | 4301331392 | 11505     | Federal    | OW        | S           |  |
| FEDERAL 21-25Y                    | 25          | 090S | 160E | 4301331394 | 11530     | Federal    | OW        | S           |  |
| ALLEN FEDERAL 31-6G               | 06          | 090S | 170E | 4301331442 | 11642     | Federal    | GW        | S           |  |
| FEDERAL 41-18                     | 18          | 090S | 170E | 4301331399 | 11536     | Federal    | NA        | PA          |  |
|                                   |             |      |      |            |           |            |           |             |  |
|                                   |             |      |      |            |           |            |           |             |  |
|                                   |             |      |      |            |           |            |           |             |  |
|                                   |             |      |      |            |           |            |           |             |  |

**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

RECEIVED  
JUL 14 2005

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3630  
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

PAGE 05  
INLAND  
4356463031  
07/14/2005 12:50

| ACTION CODE                  | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER   | WELL NAME                 | WELL LOCATION |    |    |     |          | SPUD DATE | EFFECTIVE DATE |
|------------------------------|--------------------|----------------|--------------|---------------------------|---------------|----|----|-----|----------|-----------|----------------|
|                              |                    |                |              |                           | QQ            | SC | TP | RG  | COUNTY   |           |                |
| C                            | 14585              | 12419          | 43-013-32427 | Ashley Federal 9-22-9-15  | NE/SE         | 22 | 9S | 15E | Duchesne |           | 4/1/2005       |
| WELL 1 COMMENTS: <i>GRRU</i> |                    |                |              |                           |               |    |    |     |          |           |                |
| C                            | 14579              | 12419          | 43-013-32426 | Ashley Federal 9-23-9-15  | NE/SE         | 23 | 9S | 15E | Duchesne |           | 4/1/2005       |
| WELL 2 COMMENTS: <i>GRRU</i> |                    |                |              |                           |               |    |    |     |          |           |                |
| C                            | 11775              | 12419          | 43-013-31519 | Ashley Federal 10-23-9-15 | NW/SE         | 23 | 9S | 15E | Duchesne |           | 4/1/2005       |
| WELL 3 COMMENTS: <i>GRRU</i> |                    |                |              |                           |               |    |    |     |          |           |                |
| C                            | 14567              | 12419          | 43-013-32425 | Ashley Federal 16-23-9-15 | SE/SE         | 23 | 9S | 15E | Duchesne |           | 4/1/2005       |
| WELL 4 COMMENTS: <i>GRRU</i> |                    |                |              |                           |               |    |    |     |          |           |                |
| C                            | 14642              | 12419          | 43-013-32482 | Ashley Federal 1-24-9-15  | NE/NE         | 24 | 9S | 15E | Duchesne |           | 4/1/2005       |
| WELL 5 COMMENTS: <i>GRRU</i> |                    |                |              |                           |               |    |    |     |          |           |                |

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

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

*Kebbie S. Jones*  
Signature  
Kebbie S. Jones  
Production Clerk  
Title  
July 14, 2005  
Date

|   |  |  |  |   |  |
|---|--|--|--|---|--|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING   |  | <b>FORM 9</b>  |  |   |  |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>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><br>UTU-66185  |  |   |  |
| <b>1. TYPE OF WELL</b><br>Oil Well  |  | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>   |  |   |  |
| <b>2. NAME OF OPERATOR:</b><br>NEWFIELD PRODUCTION COMPANY  |  | <b>7. UNIT or CA AGREEMENT NAME:</b><br>GMBU (GRRV)  |  |   |  |
| <b>3. ADDRESS OF OPERATOR:</b><br>Rt 3 Box 3630 , Myton, UT, 84052  |  | <b>8. WELL NAME and NUMBER:</b><br>ASHLEY FEDERAL 10-23  |  |   |  |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>1770 FSL 2026 FEL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: NWSE Section: 23 Township: 09.0S Range: 15.0E Meridian: S   |  | <b>9. API NUMBER:</b><br>43013315190000  |  |   |  |
| <b>PHONE NUMBER:</b><br>435 646-4825 Ext  |  | <b>9. FIELD and POOL or WILDCAT:</b><br>MONUMENT BUTTE   |  |   |  |
| <b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>  |  | <b>9. FIELD and POOL or WILDCAT:</b><br>MONUMENT BUTTE   |  |   |  |
| <b>TYPE OF SUBMISSION</b><br><br><input type="checkbox"/> NOTICE OF INTENT<br>Approximate date work will start:<br><br><input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>Date of Work Completion:<br>6/10/2013<br><br><input type="checkbox"/> SPUD REPORT<br>Date of Spud:<br><br><input type="checkbox"/> DRILLING REPORT<br>Report Date:  | <b>TYPE OF ACTION</b><br><br><table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE<br/><br/> <input type="checkbox"/> CHANGE TO PREVIOUS PLANS<br/><br/> <input checked="" type="checkbox"/> CHANGE WELL STATUS<br/><br/> <input type="checkbox"/> DEEPEN<br/><br/> <input type="checkbox"/> OPERATOR CHANGE<br/><br/> <input type="checkbox"/> PRODUCTION START OR RESUME<br/><br/> <input type="checkbox"/> REPERFORATE CURRENT FORMATION<br/><br/> <input type="checkbox"/> TUBING REPAIR<br/><br/> <input type="checkbox"/> WATER SHUTOFF<br/><br/> <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING<br/><br/> <input type="checkbox"/> CHANGE TUBING<br/><br/> <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS<br/><br/> <input type="checkbox"/> FRACTURE TREAT<br/><br/> <input type="checkbox"/> PLUG AND ABANDON<br/><br/> <input type="checkbox"/> RECLAMATION OF WELL SITE<br/><br/> <input type="checkbox"/> SIDETRACK TO REPAIR WELL<br/><br/> <input type="checkbox"/> VENT OR FLARE<br/><br/> <input type="checkbox"/> SI TA STATUS EXTENSION<br/><br/> <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR<br/><br/> <input type="checkbox"/> CHANGE WELL NAME<br/><br/> <input checked="" type="checkbox"/> CONVERT WELL TYPE<br/><br/> <input type="checkbox"/> NEW CONSTRUCTION<br/><br/> <input type="checkbox"/> PLUG BACK<br/><br/> <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION<br/><br/> <input type="checkbox"/> TEMPORARY ABANDON<br/><br/> <input type="checkbox"/> WATER DISPOSAL<br/><br/> <input type="checkbox"/> APD EXTENSION<br/><br/>         OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table> |  | <input type="checkbox"/> ACIDIZE<br><br><input type="checkbox"/> CHANGE TO PREVIOUS PLANS<br><br><input checked="" type="checkbox"/> CHANGE WELL STATUS<br><br><input type="checkbox"/> DEEPEN<br><br><input type="checkbox"/> OPERATOR CHANGE<br><br><input type="checkbox"/> PRODUCTION START OR RESUME<br><br><input type="checkbox"/> REPERFORATE CURRENT FORMATION<br><br><input type="checkbox"/> TUBING REPAIR<br><br><input type="checkbox"/> WATER SHUTOFF<br><br><input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING<br><br><input type="checkbox"/> CHANGE TUBING<br><br><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS<br><br><input type="checkbox"/> FRACTURE TREAT<br><br><input type="checkbox"/> PLUG AND ABANDON<br><br><input type="checkbox"/> RECLAMATION OF WELL SITE<br><br><input type="checkbox"/> SIDETRACK TO REPAIR WELL<br><br><input type="checkbox"/> VENT OR FLARE<br><br><input type="checkbox"/> SI TA STATUS EXTENSION<br><br><input type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR<br><br><input type="checkbox"/> CHANGE WELL NAME<br><br><input checked="" type="checkbox"/> CONVERT WELL TYPE<br><br><input type="checkbox"/> NEW CONSTRUCTION<br><br><input type="checkbox"/> PLUG BACK<br><br><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION<br><br><input type="checkbox"/> TEMPORARY ABANDON<br><br><input type="checkbox"/> WATER DISPOSAL<br><br><input type="checkbox"/> APD EXTENSION<br><br>OTHER: <input style="width: 100px;" type="text"/> |
| <input type="checkbox"/> ACIDIZE<br><br><input type="checkbox"/> CHANGE TO PREVIOUS PLANS<br><br><input checked="" type="checkbox"/> CHANGE WELL STATUS<br><br><input type="checkbox"/> DEEPEN<br><br><input type="checkbox"/> OPERATOR CHANGE<br><br><input type="checkbox"/> PRODUCTION START OR RESUME<br><br><input type="checkbox"/> REPERFORATE CURRENT FORMATION<br><br><input type="checkbox"/> TUBING REPAIR<br><br><input type="checkbox"/> WATER SHUTOFF<br><br><input type="checkbox"/> WILDCAT WELL DETERMINATION  | <input type="checkbox"/> ALTER CASING<br><br><input type="checkbox"/> CHANGE TUBING<br><br><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS<br><br><input type="checkbox"/> FRACTURE TREAT<br><br><input type="checkbox"/> PLUG AND ABANDON<br><br><input type="checkbox"/> RECLAMATION OF WELL SITE<br><br><input type="checkbox"/> SIDETRACK TO REPAIR WELL<br><br><input type="checkbox"/> VENT OR FLARE<br><br><input type="checkbox"/> SI TA STATUS EXTENSION<br><br><input type="checkbox"/> OTHER  | <input type="checkbox"/> CASING REPAIR<br><br><input type="checkbox"/> CHANGE WELL NAME<br><br><input checked="" type="checkbox"/> CONVERT WELL TYPE<br><br><input type="checkbox"/> NEW CONSTRUCTION<br><br><input type="checkbox"/> PLUG BACK<br><br><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION<br><br><input type="checkbox"/> TEMPORARY ABANDON<br><br><input type="checkbox"/> WATER DISPOSAL<br><br><input type="checkbox"/> APD EXTENSION<br><br>OTHER: <input style="width: 100px;" type="text"/> |  |   |  |
| <b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b><br>The subject well has been converted from a producing oil well to an injection well on 06/07/2013. On 06/10/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 06/10/2013 the casing was pressured up to 1390 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. |  |  |  |   |  |
| <b>NAME (PLEASE PRINT)</b><br>Lucy Chavez-Naupoto   |  | <b>PHONE NUMBER</b><br>435 646-4874  |  |   |  |
| <b>SIGNATURE</b><br>N/A   |  | <b>TITLE</b><br>Water Services Technician  |  |   |  |
| <b>DATE</b><br>6/11/2013  |  | <b>Accepted by the Utah Division of Oil, Gas and Mining</b><br><b>FOR RECORD ONLY</b><br>June 27, 2013   |  |   |  |

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

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

Witness: \_\_\_\_\_ Date 6/10/13 Time 10:00 am pm

Test Conducted by: DAVE CLOWARD

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

|  |                              |
|--|------------------------------|
| Well: <u>ASHLEY FEDERAL 10-23-9-15</u> | Field: <u>ASHLEY FEDERAL</u> |
| Well Location: <u>10-23-9-15</u>       | <u>DUCHESNE COUNTY, UTAH</u> |
| <u>NW/SE SEC. 23, T9S, R1E</u>         | API No: <u>43-013-31519</u>  |

| <u>Time</u> | <u>Casing Pressure</u> |      |
|-------------|------------------------|------|
| 0 min       | <u>1390</u>            | psig |
| 5           | <u>1390</u>            | psig |
| 10          | <u>1390</u>            | psig |
| 15          | <u>1390</u>            | psig |
| 20          | <u>1390</u>            | psig |
| 25          | <u>1390</u>            | psig |
| 30 min      | <u>1390</u>            | psig |
| 35          | _____                  | psig |
| 40          | _____                  | psig |
| 45          | _____                  | psig |
| 50          | _____                  | psig |
| 55          | _____                  | psig |
| 60 min      | _____                  | psig |

Tubing pressure: 0 psig

Result: Pass Fail

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

Signature of Person Conducting Test: David Cloward

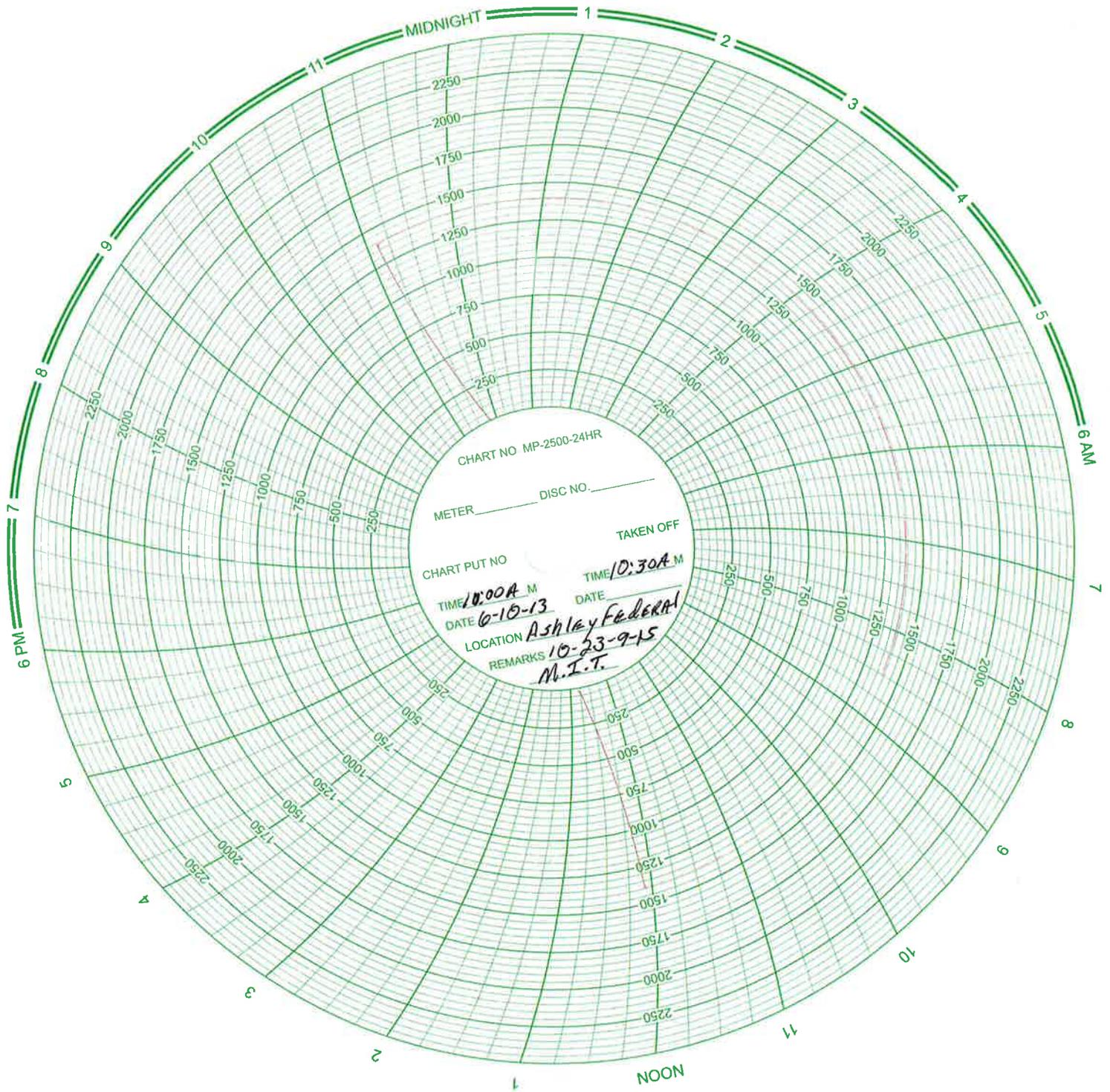


CHART NO MP-2500-24HR  
METER \_\_\_\_\_ DISC NO. \_\_\_\_\_  
CHART PUT NO \_\_\_\_\_ TAKEN OFF \_\_\_\_\_  
TIME 10:00A M DATE 10-10-13  
LOCATION Ashley Federal  
REMARKS 10-23-9-15 M.I.T.

## Daily Activity Report

### Format For Sundry

**ASHLEY 10-23-9-15**

**4/1/2013 To 8/30/2013**

**6/6/2013 Day: 1**

**Conversion**

WWS #5 on 6/6/2013 - MIRU pump 50 BBLs H2O down csg remove head and unseat pump @ 5000 over string wt flush rods W/40 bbls H2O try tension TBG no good- - MIRU pump 50 BBLs H2O down csg remove head and unseat pump @ 5000 over string wt flush rods W/40 bbls H2O try tension TBG no good- no good LD 1 1/2X22 polish rod 100- 3/4 4 per 111-3/4 slick 14-3/4 4 per 6 -1/2 wt bars 2-1/2x1-1/4 11 pump stopped twice & fluches W/ 40 bbls h2o no well head TAC not set strip on 5000 BOPS ru floor & TBG works tooh breaking & redoping every collar W/32 JTS 2 7/8 tbg W/ 40 bbls h2o EOT @4867 CWI 5:30

**Daily Cost:** \$0

**Cumulative Cost:** \$18,681

---

**6/10/2013 Day: 2**

**Conversion**

WWS #5 on 6/10/2013 - Cont TOO H Breaking & redoping every collar W/ 116 jts 2 7/8 tbg flush W/30 bbls h2o LD 38 jts LD 5 1/2 B-2 TAC PSN & NC , PU & TIH W/ Re entry Guide XN nipple - Cont TOO H Breaking & redoping every collar W/ 116 jts 2 7/8 tbg flush W/30 bbls h2o LD 38 jts LD 5 1/2 B-2 TAC PSN & NC , PU & TIH W/ Re entry Guide XN nipple 4' 2 3/8 Sub 5 1/2 per on/off tool psn & 148 jts pump 10 brl pad circ sv pooh & RD sandline RD floor & TBg works , strip off 5000# BOPS LAND TBG ON WELLHEAD PUMP 60bbls fresh h2o and packer fluid, set 5 1/2 arrow set pkr @ 4680'; psn @ 4674' land tbg W/ wellhead test csg & pkr to 1400psi leave pressure over weekend SDFN @ 6:00.

**Daily Cost:** \$0

**Cumulative Cost:** \$25,957

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**6/11/2013 Day: 3**

**Conversion**

Rigless on 6/11/2013 - Conduct initial MIT - On 06/10/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 06/10/2013 the casing was pressured up to 1390 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$57,791

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

# Ashley Federal 10-23-9-15

Spud Date: 6/7/1995  
 Put on Production: 12/21/1995  
 GL: 6406' KB: 6420'

## Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (296.05')  
 DEPTH LANDED: 294.75' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 130 sxs Class "G" cmt.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: K-55  
 WEIGHT: 15.5#  
 LENGTH: 140 jts. (6047.14')  
 DEPTH LANDED: 6045.48' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 240 sxs HiFill & 333 sxs Class G cmt. w/10% Calseal.  
 CEMENT TOP AT: 2364' CBL

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 148 jts (4660.9')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4673.9' KB  
 ON/OFF TOOL AT: 4675'  
 ARROW #1 PACKER CE AT: 4681'  
 XO 2-3/8 x 2-7/8 J-55 AT: 4684'  
 TBG PUP 2-3/8 J-55 AT: 4684.5'  
 X/N NIPPLE AT: 4688.7'  
 TOTAL STRING LENGTH EOT @ 4690.21'

### FRAC JOB

12/7/95 5814'-5822' **Frac CP3 sands as follows:**  
 54,500# 20/40 sand in 547 bbls Boragel fluid. Treated @ avg press of 2200 psi w/avg rate of 26 BPM. ISIP 2078 psi. Calc flush: 5814 gal. Actual flush: 5747 gal.

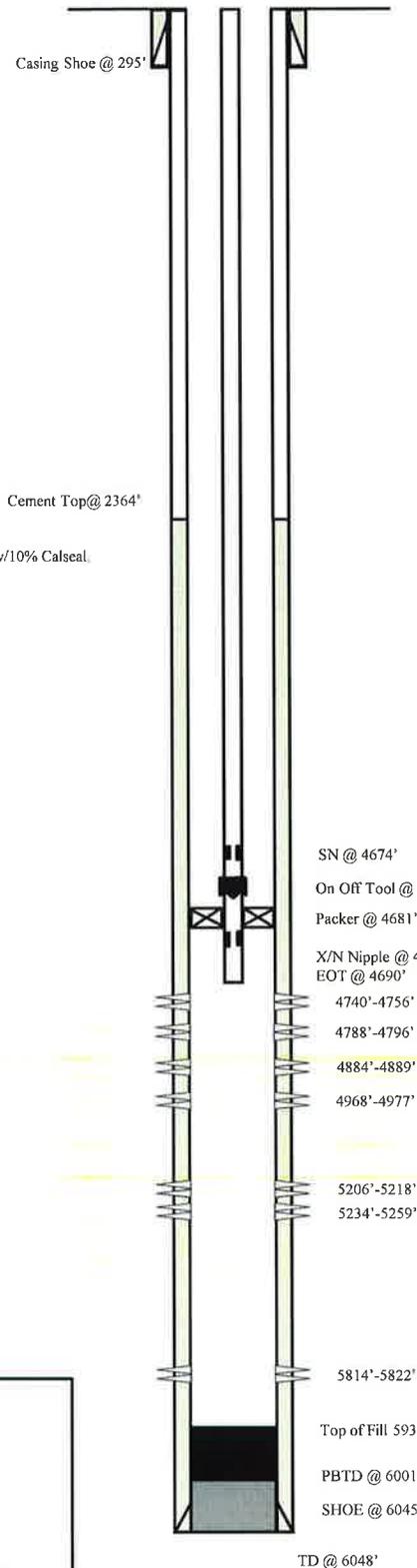
12/9/95 5206'-5259' **LDC sands as follows:**  
 113,300# 20/40 sand in 31,357 gal. Boragel fluid. ISIP 2445 psi. Calc flush: 5206' gal. Actual flush: 5156 gal.

12/12/95 4968'-4977' **Frac A sands as follows:**  
 21,200# 20/40 sand in 12,028 gal. Boragel fluid. ISIP 2291 psi. Calc flush: 4968' gal. Actual flush: 4860 gal.

12/14/95 4884'-4889' **Frac B sands as follows:**  
 25,000# 20/40 sand in 287 bbls Boragel fluid. Treated @ avg press of 2060 psi w/avg rate of 18 BPM. ISIP 2354 psi. Calc flush: 4886 gal. Actual flush: 4799 gal.

12/16/95 4740'-4796' **Frac C/D sands as follows:**  
 92,600# 20/40 sand in 640 bbls Boragel fluid. Treated @ avg press of 2100 psi w/avg rate of 36 BPM. ISIP 2170 psi. Calc flush: 4740 gal. Actual flush:

7/29/99 **Tubing Leak.** Update tubing and rod detail.  
 3/2/04 **Stuck Pump.** Update rod details.  
 06/07/13 **Convert to Injection Well**  
 06/10/13 **Conversion MIT Finalized** - update tbg detail



### PERFORATION RECORD

| Date     | Depth Range | Tool   | Holes    |
|----------|-------------|--------|----------|
| 12/6/95  | 5814'-5822' | 4 JSPF | 32 holes |
| 12/8/95  | 5234'-5259' | 4 JSPF | 44 holes |
| 12/8/95  | 5206'-5218' | 4 JSPF | 92 holes |
| 12/10/95 | 4968'-4977' | 4 JSPF | 36 holes |
| 12/13/95 | 4884'-4889' | 4 JSPF | 20 holes |
| 12/15/95 | 4788'-4796' | 4 JSPF | 32 holes |
| 12/15/95 | 4740'-4756' | 4 JSPF | 64 holes |

**NEWFIELD**

**Ashley Federal 10-23-9-15**  
 1770' FSL & 2026' FEL  
 NW/SE Section 23-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-31519; Lease #UTU-66185

|  |               |
|--|---------------|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  | <b>FORM 9</b> |
| <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>UTU-66185  |               |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b>   |               |
| Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. |               |
| <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>   |               |
| <b>7. UNIT or CA AGREEMENT NAME:</b><br>GMBU (GRRV)  |               |
| <b>1. TYPE OF WELL</b><br>Water Injection Well   |               |
| <b>8. WELL NAME and NUMBER:</b><br>ASHLEY FEDERAL 10-23  |               |
| <b>2. NAME OF OPERATOR:</b><br>NEWFIELD PRODUCTION COMPANY   |               |
| <b>9. API NUMBER:</b><br>43013315190000  |               |
| <b>3. ADDRESS OF OPERATOR:</b><br>Rt 3 Box 3630 , Myton, UT, 84052   |               |
| <b>PHONE NUMBER:</b><br>435 646-4825 Ext   |               |
| <b>9. FIELD and POOL or WILDCAT:</b><br>MONUMENT BUTTE   |               |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>1770 FSL 2026 FEL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: NWSE Section: 23 Township: 09.0S Range: 15.0E Meridian: S                                      |               |
| <b>COUNTY:</b><br>DUCHESNE   |               |
| <b>STATE:</b><br>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<br>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<br>Date of Work Completion:<br>7/11/2013 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS      | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> CHANGE WELL NAME               |
| <input type="checkbox"/> SPUD REPORT<br>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<br>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 above reference well was put on injection at 4:20 PM on 07/11/2013.

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

**Date:** August 07, 2013

**By:**

|   |                                     |   |
|---|-------------------------------------|---|
| <b>NAME (PLEASE PRINT)</b><br>Lucy Chavez-Naupoto | <b>PHONE NUMBER</b><br>435 646-4874 | <b>TITLE</b><br>Water Services Technician |
| <b>SIGNATURE</b><br>N/A                           | <b>DATE</b><br>7/12/2013            |   |

|  |  |
|--|--|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  | FORM 9<br><br>5. LEASE DESIGNATION AND SERIAL NUMBER:<br>UTU-66185                               |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:<br><br>7. UNIT or CA AGREEMENT NAME:<br>GMBU (GRRV)        |
| 1. TYPE OF WELL<br>Water Injection Well  | 8. WELL NAME and NUMBER:<br>ASHLEY FEDERAL 10-23   |
| 2. NAME OF OPERATOR:<br>NEWFIELD PRODUCTION COMPANY  | 9. API NUMBER:<br>43013315190000   |
| 3. ADDRESS OF OPERATOR:<br>Rt 3 Box 3630 , Myton, UT, 84052  | PHONE NUMBER:<br>435 646-4825 Ext  |
| 4. LOCATION OF WELL<br>FOOTAGES AT SURFACE:<br>1770 FSL 2026 FEL<br>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:<br>Qtr/Qtr: NWSE Section: 23 Township: 09.0S Range: 15.0E Meridian: S   | 9. FIELD and POOL or WILDCAT:<br>MONUMENT BUTTE<br><br>COUNTY:<br>DUCHESNE<br><br>STATE:<br>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<br>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<br>Date of Work Completion:<br>7/11/2013 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS      | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> CHANGE WELL NAME               |
| <input type="checkbox"/> SPUD REPORT<br>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<br>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                      |
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|  | <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"/>       |

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The above reference well was put on injection at 4:20 PM on 07/11/2013.

**Accepted by the Utah Division of Oil, Gas and Mining**  
 Date: August 07, 2013  
 By:

|  |                              |                                    |
|--|------------------------------|------------------------------------|
| NAME (PLEASE PRINT)<br>Lucy Chavez-Naupoto | PHONE NUMBER<br>435 646-4874 | TITLE<br>Water Services Technician |
| SIGNATURE<br>N/A                           | DATE<br>7/12/2013            |                                    |

Spud Date: 6/7/1995  
 Put on Production: 12/21/1995  
 GL: 6406' KB: 6420'

# Ashley Federal 10-23-9-15

## Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (296.05')  
 DEPTH LANDED: 294 75' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 130 sxs Class "G" cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: K-55  
 WEIGHT: 15.5#  
 LENGTH: 140 jts (6047 14')  
 DEPTH LANDED: 6045 48' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 240 sxs HiFill & 333 sxs Class G cmt. w/10% Calseal.  
 CEMENT TOP AT: 2364' CBL

### TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 148 jts (4660.9')  
 SEATING NIPPLE: 2-7/8" (1 10')  
 SN LANDED AT: 4673 9' KB  
 ON/OFF TOOL AT: 4675'  
 ARROW #1 PACKER CE AT: 4681'  
 XO 2-3/8 x 2-7/8 J-55 AT: 4684'  
 TBG PUP 2-3/8 J-55 AT: 4684 5'  
 X/N NIPPLE AT: 4688 7'  
 TOTAL STRING LENGTH: EOT @ 4690 21'

### FRAC. JOB

12/7/95 5814'-5822' **Frac CP3 sands as follows:**  
 54,500# 20/40 sand in 547 bbls Boragel fluid Treated @ avg press of 2200 psi w/avg rate of 26 BPM ISIP 2078 psi Calc flush: 5814 gal Actual flush: 5747 gal

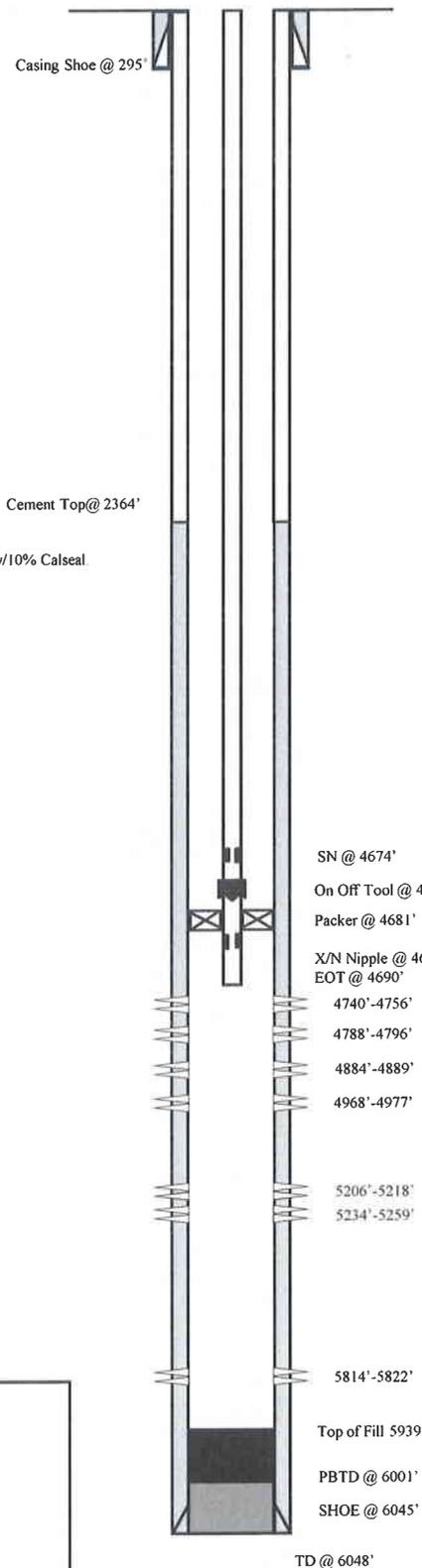
12/9/95 5206'-5259' **LDC sands as follows:**  
 113,300# 20/40 sand in 31,357 gal Boragel fluid ISIP 2445 psi Calc flush: 5206' gal Actual flush: 5156 gal

12/12/95 4968'-4977' **Frac A sands as follows:**  
 21,200# 20/40 sand in 12,028 gal Boragel fluid ISIP 2291 psi Calc flush: 4968' gal Actual flush: 4860 gal

12/14/95 4884'-4889' **Frac B sands as follows:**  
 25,000# 20/40 sand in 287 bbls Boragel fluid Treated @ avg press of 2060 psi w/avg rate of 18 BPM ISIP 2354 psi Calc flush: 4886 gal Actual flush: 4799 gal

12/16/95 4740'-4796' **Frac C/D sands as follows:**  
 92,600# 20/40 sand in 640 bbls Boragel fluid Treated @ avg press of 2100 psi w/avg rate of 36 BPM ISIP 2170 psi Calc flush: 4740 gal Actual flush:

7/29/99 **Tubing Leak.** Update tubing and rod detail  
 3/2/04 **Stack Pump** Update rod details  
 06/07/13 **Convert to Injection Well**  
 06/10/13 **Conversion MIT Finalized** - update tbg detail



### PERFORATION RECORD

| Date     | Depth Range | ISIP   | Rate | Holes    |
|----------|-------------|--------|------|----------|
| 12/6/95  | 5814'-5822' | 4 JSPF |      | 32 holes |
| 12/8/95  | 5234'-5259' | 4 JSPF |      | 44 holes |
| 12/8/95  | 5206'-5218' | 4 JSPF |      | 92 holes |
| 12/10/95 | 4968'-4977' | 4 JSPF |      | 36 holes |
| 12/13/95 | 4884'-4889' | 4 JSPF |      | 20 holes |
| 12/15/95 | 4788'-4796' | 4 JSPF |      | 32 holes |
| 12/15/95 | 4740'-4756' | 4 JSPF |      | 64 holes |



**Ashley Federal 10-23-9-15**  
 1770' FSL & 2026' FEL  
 NW/SE Section 23-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-31519; Lease #UTU-66185



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

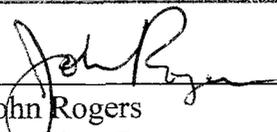
## UNDERGROUND INJECTION CONTROL PERMIT Cause No. UIC-406

**Operator:** Newfield Production Company  
**Well:** Ashley Federal 10-23-9-15  
**Location:** Section 23, Township 9 South, Range 15 East  
**County:** Duchesne  
**API No.:** 43-013-31519  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on March 27, 2013.
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,084' – 6,001')  
The injection top is limited by nearby well Ashley Federal 12-24R (43-013-15782).
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

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

  
John Rogers  
Associate Director

7/10/2013  
Date

JR/MLR/js

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

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

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



|  |  |
|--|--|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  | <b>FORM 9</b><br><br>5. LEASE DESIGNATION AND SERIAL NUMBER:<br>UTU-66185                        |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. |  |
| 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  |  |
| 7. UNIT or CA AGREEMENT NAME:<br>GMBU (GRRV)   |  |
| 1. TYPE OF WELL<br>Oil Well  | 8. WELL NAME and NUMBER:<br>ASHLEY FEDERAL 10-23   |
| 2. NAME OF OPERATOR:<br>NEWFIELD PRODUCTION COMPANY  | 9. API NUMBER:<br>43013315190000   |
| 3. ADDRESS OF OPERATOR:<br>Rt 3 Box 3630 , Myton, UT, 84052  | PHONE NUMBER:<br>435 646-4825 Ext  |
| 4. LOCATION OF WELL<br>FOOTAGES AT SURFACE:<br>1770 FSL 2026 FEL<br>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:<br>Qtr/Qtr: NWSE Section: 23 Township: 09.0S Range: 15.0E Meridian: S   | 9. FIELD and POOL or WILDCAT:<br>MONUMENT BUTTE<br><br>COUNTY:<br>DUCHESNE<br><br>STATE:<br>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<br>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<br>Date of Work Completion:<br><b>6/10/2013</b> | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS      | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> CHANGE WELL NAME               |
| <input type="checkbox"/> SPUD REPORT<br>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<br>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 06/07/2013. On 06/10/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 06/10/2013 the casing was pressured up to 1390 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
 FOR RECORD ONLY  
 June 27, 2013**

|  |                              |                                    |
|--|------------------------------|------------------------------------|
| NAME (PLEASE PRINT)<br>Lucy Chavez-Naupoto | PHONE NUMBER<br>435 646-4874 | TITLE<br>Water Services Technician |
| SIGNATURE<br>N/A                           | DATE<br>6/11/2013            |                                    |

# Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: \_\_\_\_\_ Date 6/10/13 Time 10:00 am pm

Test Conducted by: DAVE CLOWARD

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

|  |                               |
|--|-------------------------------|
| Well: <u>ASHLEY FEDERAL 10-23-9-15</u> | Field: <u>ASHLEY FEDERAL</u>  |
| Well Location: <u>10-23-9-15</u>       | <u>DUCHESENE COUNTY, UTAH</u> |
| <u>NW/SE SEC. 23, T9S, R15E</u>        | API No: <u>43-013-31519</u>   |

| <u>Time</u> | <u>Casing Pressure</u> |      |
|-------------|------------------------|------|
| 0 min       | <u>1390</u>            | psig |
| 5           | <u>1390</u>            | psig |
| 10          | <u>1390</u>            | psig |
| 15          | <u>1390</u>            | psig |
| 20          | <u>1390</u>            | psig |
| 25          | <u>1390</u>            | psig |
| 30 min      | <u>1390</u>            | psig |
| 35          | _____                  | psig |
| 40          | _____                  | psig |
| 45          | _____                  | psig |
| 50          | _____                  | psig |
| 55          | _____                  | psig |
| 60 min      | _____                  | psig |

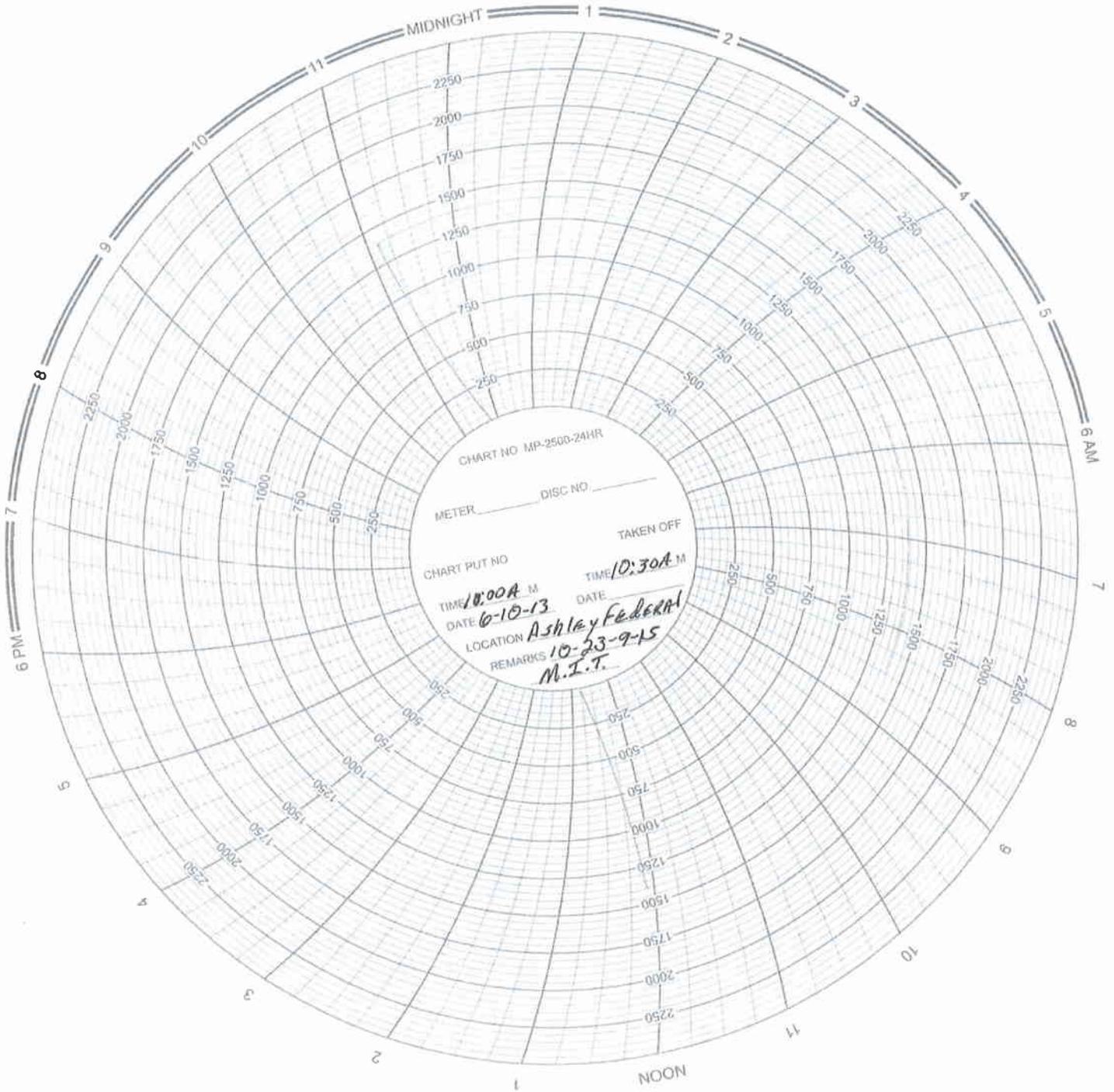
Tubing pressure: 0 psig

Result: Pass Fail

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

Signature of Person Conducting Test: David Cloward

Sundry Number: 39009 API Well Number: 43013315190000



## Daily Activity Report

Format For Sundry

**ASHLEY 10-23-9-15**

**4/1/2013 To 8/30/2013**

**6/6/2013 Day: 1**

**Conversion**

WWS #5 on 6/6/2013 - MIRU pump 50 BBLS H2O down csg remove head and unseat pump @ 5000 over string wt flush rods W/40 bbLS H2O try tension TBG no good- - MIRU pump 50 BBLS H2O down csg remove head and unseat pump @ 5000 over string wt flush rods W/40 bbLS H2O try tension TBG no good- no good LD 1 1/2X22 polish rod 100- 3/4 4 per 111-3/4 slick 14-3/4 4 per 6 -1/2 wt bars 2-1/2x1-1/4 11 pump stopped twice & fluches W/ 40 bbLS h2O no well head TAC not set strip on 5000 BOPS ru floor & TBG works tooh breaking & redoping every collar W/32 JTS 2 7/8 tbg W/ 40 bbLS h2O EOT @4867 CWI 5:30

**Daily Cost: \$0**

**Cumulative Cost: \$18,681**

---

**6/10/2013 Day: 2**

**Conversion**

WWS #5 on 6/10/2013 - Cont TOOH Breaking & redoping every collar W/ 116 jts 2 7/8 tbg flush W/30 bbLS h2O LD 38 jts LD 5 1/2 B-2 TAC PSN & NC , PU & TIH W/ Re entry Guide XN nipple - Cont TOOH Breaking & redoping every collar W/ 116 jts 2 7/8 tbg flush W/30 bbLS h2O LD 38 jts LD 5 1/2 B-2 TAC PSN & NC , PU & TIH W/ Re entry Guide XN nipple 4' 2 3/8 Sub 5 1/2 per on/off tool psn & 148 jts pump 10 brl pad circ sv pooh & RD sandline RD floor & TBg works , strip off 5000# BOPS LAND TBG ON WELLHEAD PUMP 60bbLS fresh h2O and packer fluid, set 5 1/2 arrow set pkr @ 4680'; psn @ 4674' land tbg W/ wellhead test csg & pkr to 1400psi leave pressure over weekend SDFN @ 6:00.

**Daily Cost: \$0**

**Cumulative Cost: \$25,957**

---

**6/11/2013 Day: 3**

**Conversion**

Rigless on 6/11/2013 - Conduct initial MIT - On 06/10/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 06/10/2013 the casing was pressured up to 1390 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost: \$0**

**Cumulative Cost: \$57,791**

**Pertinent Files: Go to File List**

# Ashley Federal 10-23-9-15

Spud Date: 6/7/1995  
 Put on Production: 12/21/1995  
 GL: 6406' KB: 6420'

## Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (296.05')  
 DEPTH LANDED: 294.75' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 130 sxs Class "G" cmt

### PRODUCTION CASING

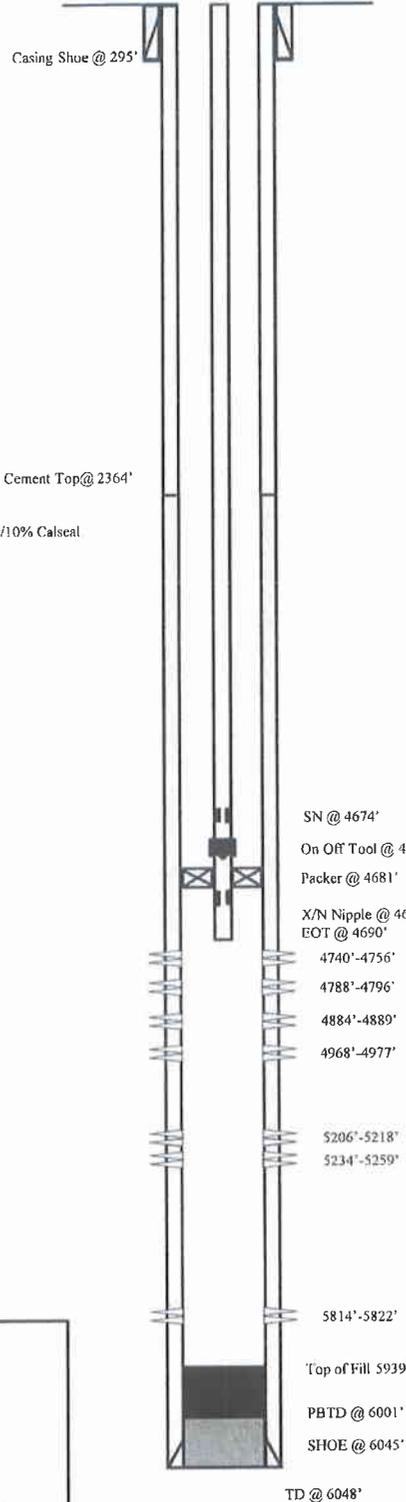
CSG SIZE: 5-1/2"  
 GRADE: K-55  
 WEIGHT: 15.5#  
 LENGTH: 140 jts (6047.14')  
 DEPTH LANDED: 6045.48' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 240 sxs HiFill & 333 sxs Class G cmt w/10% Calscal  
 CEMENT TOP AT: 2364' CBL

### TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO OF JOINTS: 148 jts (4660.9')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4673.9' KB  
 ON/OFF TOOL AT: 4675'  
 ARROW #1 PACKER CE AT: 4681'  
 XO 2-3/8 x 2-7/8 J-55 AT: 4684'  
 TBG PUP 2-3/8 J-55 AT: 4684.5'  
 X/N NIPPLE AT: 4688.7'  
 TOTAL STRING LENGTH EOT @ 4690.21'

### FRAC JOB

|          |             |   |
|----------|-------------|---|
| 12/7/95  | 5814'-5822' | <b>Frac CP3 sands as follows:</b><br>54,500# 20/40 sand in 547 bbls Boragel fluid. Treated @ avg press of 2200 psi w/avg rate of 26 BPM. ISIP 2078 psi. Calc flush: 5814 gal. Actual flush: 5747 gal. |
| 12/9/95  | 5206'-5259' | <b>LDC sands as follows:</b><br>113,300# 20/40 sand in 31,357 gal. Boragel fluid. ISIP 2445 psi. Calc flush: 5206' gal. Actual flush: 5156 gal.   |
| 12/12/95 | 4968'-4977' | <b>Frac A sands as follows:</b><br>21,200# 20/40 sand in 12,028 gal. Boragel fluid. ISIP 2291 psi. Calc flush: 4968' gal. Actual flush: 4860 gal.   |
| 12/14/95 | 4884'-4889' | <b>Frac B sands as follows:</b><br>25,000# 20/40 sand in 287 bbls Boragel fluid. Treated @ avg press of 2060 psi w/avg rate of 18 BPM. ISIP 2354 psi. Calc flush: 4886 gal. Actual flush: 4799 gal.   |
| 12/16/95 | 4740'-4796' | <b>Frac C/D sands as follows:</b><br>92,600# 20/40 sand in 640 bbls Boragel fluid. Treated @ avg press of 2100 psi w/avg rate of 36 BPM. ISIP 2170 psi. Calc flush: 4740 gal. Actual flush:           |
| 7/29/99  |             | <b>Tubing Leak.</b> Update tubing and rod detail.   |
| 3/2/04   |             | <b>Stuck Pump</b> Update rod details.   |
| 06/07/13 |             | <b>Convert to Injection Well</b>  |
| 06/10/13 |             | <b>Conversion MIT Finalized</b> - update tbg detail   |



### PERFORATION RECORD

| Date     | Interval    | ISIP   | Rate | Holes    |
|----------|-------------|--------|------|----------|
| 12/6/95  | 5814'-5822' | 4 JSPF | 32   | 32 holes |
| 12/8/95  | 5234'-5259' | 4 JSPF | 44   | 44 holes |
| 12/8/95  | 5206'-5218' | 4 JSPF | 92   | 92 holes |
| 12/10/95 | 4968'-4977' | 4 JSPF | 36   | 36 holes |
| 12/13/95 | 4884'-4889' | 4 JSPF | 20   | 20 holes |
| 12/15/95 | 4788'-4796' | 4 JSPF | 32   | 32 holes |
| 12/15/95 | 4740'-4756' | 4 JSPF | 64   | 64 holes |



**Ashley Federal 10-23-9-15**  
 1770' FSL & 2026' FEL  
 NW/SE Section 23-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-31519; Lease #UTU-66185



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Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

March 27, 2013

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

Subject: Greater Monument Butte Unit Well: Ashley Federal 10-23-9-15, Section 23, Township 9 South, Range 15 East, SLBM, Duchesne County, Utah, API Well # 43-013-31519

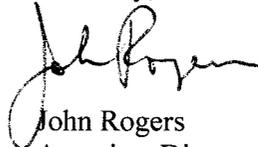
Gentlemen:

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

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 4,084 feet in the Ashley Federal 10-23-9-15 well.

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

Sincerely,



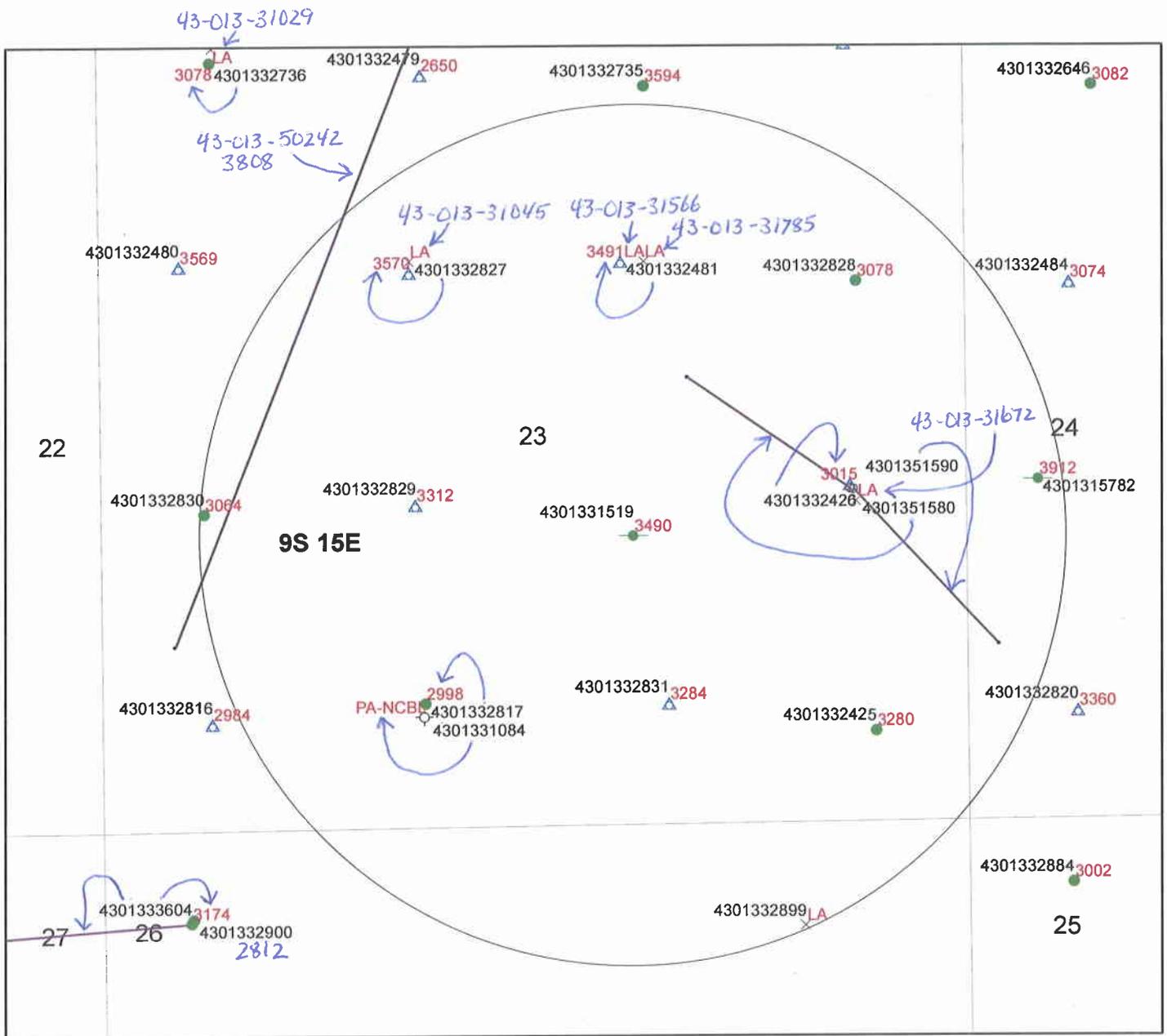
John Rogers  
Associate Director

JR/MLR/js

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

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



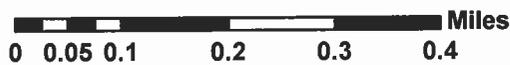


**Legend**

**Oil & Gas Well Type**

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

**Cement Bond Tops  
Ashley Federal 10-23-9-15  
API #43-013-31519  
UIC-406.1**



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

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

**Applicant:** Newfield Production Company      **Well:** Ashley Federal 10-23-9-15

**Location:** 23/9S/15E      **API:** 43-013-31519

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

**Well Integrity:** The proposed well has surface casing set at 295 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,045 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,490 feet. A 2 7/8 inch tubing with a packer is proposed at 4,690 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. Based on surface locations, there are 4 producing wells, 5 injection wells, 2 shut-in wells (including the proposed injection well), and 1 P/A well in the AOR. In addition, there is 1 horizontally drilled producing well with neither the surface location nor the bottom hole location in the AOR, but a portion of its path passes through the AOR. Most of the existing wells have evidence of adequate casing and cement for the proposed injection interval. However, the Ashley Federal 12-24R well (API# 43-013-15782), appears to have inadequate cement for the proposed injection interval. Its CBL (8/24/1996) indicates a cement top at about 3,912 feet. To protect this wellbore Newfield will not perforate the Ashley Federal 10-23-9-15 well above 4,084 feet (see next paragraph).

**Ground Water Protection:** As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2200 feet. The requested injection interval is between 3,943 feet and 6,001 feet in the Green River Formation. However, as described in the previous paragraph, the top of good cement bond is at about 3,912 feet in the Ashley Federal 12-24R well, a shut-in well, located within the AOR, nearly 0.5 mile east of Ashley Federal 10-23-9-15 well. This cement top correlates to a depth of approximately 3,984 feet in the Ashley Federal 10-23-9-15 well. For this reason, it is recommended that the top of the injection interval be permitted no higher than a depth of 4,084 feet in the Ashley Federal 10-23-9-15 well. Information submitted by Newfield indicates that the fracture gradient for the 10-23-9-15 well is 0.79 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,040 psig. The

**Ashley Federal 10-23-9-15**  
**page 2**

requested maximum pressure is 2,040 psig. We intend to permit this well at a maximum pressure of 2,000 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

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

**Bonding:** Bonded with the BLM

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

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

Reviewer(s): Mark Reinbold

Date: 3/14/2013

4770 S. 5600 W.  
P.O. BOX 704005  
WEST VALLEY CITY, UTAH 84170  
FED.TAX I.D.# 87-0217663  
801-204-6910

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PROOF OF PUBLICATION

CUSTOMER'S COPY

| CUSTOMER NAME AND ADDRESS  | ACCOUNT NUMBER | DATE      |
|--|----------------|-----------|
| DIV OF OIL-GAS & MINING,<br><br>1594 W NORTH TEMP #1210<br>P.O. BOX 145801<br>SALT LAKE CITY, UT 84114 | 9001402352     | 2/28/2013 |

| ACCOUNT NAME   |                           |
|--|---------------------------|
| DIV OF OIL-GAS & MINING,   |                           |
| TELEPHONE  | ADORDER# / INVOICE NUMBER |
| 8015385340   | 0000861529 /              |
| SCHEDULE   |                           |
| Start 02/28/2013   | End 02/28/2013            |
| CUST. REF. NO.   |                           |
| Cause - UIC-406  |                           |
| CAPTION  |                           |
| BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL |                           |
| SIZE   |                           |
| 84 Lines   | 2.00 COLUMN               |
| TIMES  | RATE                      |
| 4  |                           |
| MISC. CHARGES  | AD CHARGES                |
|  |                           |
| TOTAL COST   |                           |
| 287.24   |                           |

**BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-406**

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23, AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 8, 9, 15, 17, 19, 21, AND 30, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:  
Ashley Federal 10-23 well located in NW/4 SE/4, Section 23, Township 9 South, Range 15 East  
API 43-013-31519  
Ashley Federal 12-26-9-15 well located in NW/4 SW/4, Section 26, Township 9 South, Range 15 East  
API 43-013-32905  
Ashley Federal 1-27-9-15 well located in NW/4 NW/4, Section 26, Township 9 South, Range 15 East  
API 43-013-33604  
Federal 10-8-9-16 well located in NW/4 SE/4, Section 8, Township 9 South, Range 16 East  
API 43-013-33059  
Federal 12-9-9-16 well located in NW/4 SW/4, Section 9, Township 9 South, Range 16 East  
API 43-013-33969  
Castle Peak Federal 33-15 well located in NW/4 SE/4, Section 15, Township 9 South, Range 16 East  
API 43-013-30632  
West Point 6-17-9-16 well located in SE/4 NW/4, Section 17, Township 9 South, Range 16 East  
API 43-013-32283  
Federal 11-19-9-16 well located in NE/4 SW/4, Section 19, Township 9 South, Range 16 East  
API 43-013-33160  
Federal 11-21-9-16 well located in NE/4 SW/4, Section 21, Township 9 South, Range 16 East  
API 43-013-33144  
Federal 4-30-9-16 well located in NE/4 NW/4, Section 30, Township 9 South, Range 16 East  
API 43-013-33470

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

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

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

Dated this 26th day of February, 2013.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
/s/ Brad Hill  
Permitting Manager  
861529

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-406 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY.

Start 02/28/2013 End 02/28/2013

PUBLISHED ON

SIGNATURE

*[Handwritten Signature]*

2/28/2013

Virginia Craft  
Notary Public, State of Utah  
Commission # 581469  
My Commission Expires  
January 12, 2014

*[Handwritten Signature: Virginia Craft]*

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

Send Payments to:  
 Uintah Basin Standard  
 268 S 200 E  
 Roosevelt, Utah 84066  
 Phone: 435-722-5131  
 Fax: 435-722-4140



|                |              |
|----------------|--------------|
| Invoice Number | Invoice Date |
| 42640          | 3/5/2013     |

|                |                |          |
|----------------|----------------|----------|
| Advertiser No. | Invoice Amount | Due Date |
| 2080           | \$145.85       | 4/4/2013 |

DIVISION OF OIL GAS & MINING  
 Rose Nolton  
 1594 W. N.TEMPLE STE 121  
 PO BOX 145801  
 SALT LAKE CITY, UT 84114-5801

1 1/2% fee will be charged to all past due balances.

Amount Enclosed

Please detach top portion and return with your payment

**INVOICE**

| Uintah Basin Standard        |           | DIVISION OF OIL GAS & MINING  |         | Invoice No. 42640 | 3/5/2013  |                 |
|------------------------------|-----------|---|---------|-------------------|-----------|-----------------|
| Date                         | Order     | Description   | Ad Size | SubTotal          | Sales Tax | Amount          |
| 3/5/2013                     | 21150 UBS | UBS Legal Notice: Not of Agency Action: Cause No. UIC-406<br>Pub. March 5, 2013 |         |                   |           | \$145.85        |
|                              |           |   |         | <b>Sub Total:</b> |           | <b>\$145.85</b> |
| <b>Total Transactions: 1</b> |           |   |         | <b>Total:</b>     |           | <b>\$145.85</b> |

**SUMMARY**      Advertiser No.    2080                      Invoice No.                      42640

1 1/2% fee will be charged to all past due balances.

Thank You for your business!

Thank you for advertising with us, we appreciate your business!

2250/REB;GGVICADMIN/GF.3/6131

# AFFIDAVIT OF PUBLICATION

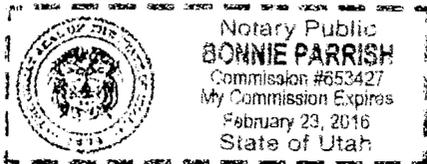
County of Duchesne,  
STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 5 day of March, 2013, and that the last publication of such notice was in the issue of such newspaper dated the 5 day of March, 2013, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

  
\_\_\_\_\_  
Publisher

Subscribed and sworn to before me on this  
5 day of March, 2013

by Kevin Ashby.  
  
\_\_\_\_\_  
Notary Public



## NOTICE OF AGENCY ACTION CAUSE NO. UIC-406

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

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23, AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 8, 9, 15, 17, 19, 21, AND 30, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

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API 43-013-32905  
Ashley Federal 1-27-9-15 well lo-

cated in NW/4 NW/4, Section 26, Township 9 South, Range 15 East  
API 43-013-33604

Federal 10-8-9-16 well located in NW/4 SE/4, Section 8, Township 9 South, Range 16 East

API 43-013-33059  
Federal 12-9-9-16 well located in NW/4 SW/4, Section 9, Township 9 South, Range 16 East

API 43-013-33969  
Castle Peak Federal 33-15 well located in NW/4 SE/4, Section 15, Township 9 South, Range 16 East

API 43-013-30632  
West Point 6-17-9-16 well located in SE/4 NW/4, Section 17, Township 9 South, Range 16 East

API 43-013-32283  
Federal 11-19-9-16 well located in NE/4 SW/4, Section 19, Township 9 South, Range 16 East

API 43-013-33160  
Federal 11-21-9-16 well located in NE/4 SW/4, Section 21, Township 9 South, Range 16 East

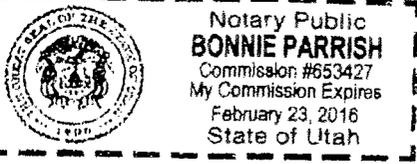
API 43-013-33144  
Federal 4-30-9-16 well located in NE/4 NW/4, Section 30, Township 9 South, Range 16 East

API 43-013-33470  
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

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

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication

*Bonnie Parrish*  
Notary Public



injection wells.  
Greater Monument  
Butte Unit:  
Ashley Federal 10-  
23 well located in  
NW/4 SE/4, Section  
23, Township 9 South,  
Range 15 East  
API 43-013-31519  
Ashley Federal 12-  
26-9-15 well located  
in NW/4 SW/4, Section  
26, Township 9 South,  
Range 15 East  
API 43-013-32905  
Ashley Federal  
1-27-9-15 well lo-

ministrative Proce-  
dures.  
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application or oth-  
erwise intervene in  
the proceeding, must  
file a written protest  
or notice of interven-  
tion with the Division  
within fifteen days  
following publication  
of this notice. The Di-  
vision's Presiding Of-  
ficer for the proceeding  
is Brad Hill, Permitting  
Manager, at P.O. Box  
145801, Salt Lake City,  
UT 84114-5801, phone  
number (801) 538-  
5340. If such a protest  
or notice of interven-  
tion is received, a hear-  
ing will be scheduled  
in accordance with  
the aforementioned  
administrative proce-  
dural rules. Protes-  
tants and/or interven-  
ers should be prepared  
to demonstrate at the  
hearing how this matter  
affects their interests.  
Dated this 26th day  
of February, 2013.  
STATE OF UTAH  
DIVISION OF OIL,  
GAS & MINING  
/s/ Brad Hill  
Permitting Manager  
Published in the  
Uintah Basin Standard  
March 5, 2013.

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-406

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23, AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 8, 9, 15, 17, 19, 21, AND 30, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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API 43-013-33604

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API 43-013-33969

Castle Peak Federal 33-15 well located in NW/4 SE/4, Section 15, Township 9 South, Range 16 East  
API 43-013-30632

West Point 6-17-9-16 well located in SE/4 NW/4, Section 17, Township 9 South, Range 16 East  
API 43-013-32283

Federal 11-19-9-16 well located in NE/4 SW/4, Section 19, Township 9 South, Range 16 East  
API 43-013-33160

Federal 11-21-9-16 well located in NE/4 SW/4, Section 21, Township 9 South, Range 16 East  
API 43-013-33144

Federal 4-30-9-16 well located in NE/4 NW/4, Section 30, Township 9 South, Range 16 East  
API 43-013-33470

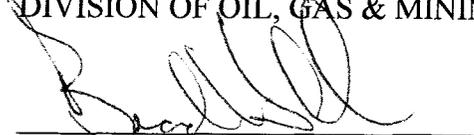
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Dated this 26<sup>th</sup> day of February, 2013.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

A handwritten signature in black ink, appearing to read "Brad Hill", is written over a horizontal line.

Brad Hill  
Permitting Manager

**Newfield Production Company**

**ASHLEY FEDERAL 10-23, ASHLEY FEDERAL 12-26-9-15,  
ASHLEY FEDERAL 1-27-9-15, FEDERAL 10-8-9-16,  
FEDERAL 12-9-9-16, CASTLE PEAK FEDERAL 33-15,  
WEST POINT 6-17-9-16, FEDERAL 11-19-9-16,  
FEDERAL 11-21-9-16, FEDERAL 4-30-9-16**

**Cause No. UIC-406**

Publication Notices were sent to the following:

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

SITLA  
675 E 500 S Ste 500  
Salt Lake City, UT 84102-2818

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

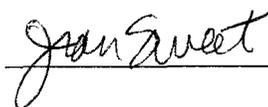
Duchesne County Planning  
P O Box 317  
Duchesne, UT 84021-0317

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

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

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

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

  
\_\_\_\_\_



GARY R. HERBERT  
*Governor*

GREGORY S. BELL  
*Lieutenant Governor*

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

February 26, 2013

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

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-406

To whom it may concern:

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

Please send proof of publication and billing to:

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

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



---

## Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-406

---

**Cindy Kleinfelter** <classifieds@ubstandard.com>

Tue, Feb 26, 2013 at 3:16 PM

To: Jean Sweet <jsweet@utah.gov>

On 2/26/2013 1:12 PM, Jean Sweet wrote:

To whom it may concern:

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

Please send proof of publication and billing to:

Division of Oil, Gas and Mining

PO Box 145801

Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary  
Utah Division of Oil, Gas and Mining  
801-538-5329

It will be published March 5, 2013.

Thank you

Cindy



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

February 26, 2013

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

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

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-406

To whom it may concern:

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

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

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

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



UIC - 406 - Legal Notice

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## UIC - 406 - Legal Notice

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**Fultz, Mark** <naclegal@mediaoneutah.com>  
Reply-To: "Fultz, Mark" <naclegal@mediaoneutah.com>  
To: jsweet@utah.gov

Tue, Feb 26, 2013 at 3:31 PM

AD# 861529  
Run Trib/DNews - 2/28  
Cost \$287.24  
Thank you  
Mark

 **OrderConf.pdf**  
128K

**Order Confirmation for Ad #0000861529-01**

|                     |   |                       |  |
|---------------------|---|-----------------------|--|
| <b>Client</b>       | DIV OF OIL-GAS & MINING   | <b>Payor Customer</b> | DIV OF OIL-GAS & MINING                                      |
| <b>Client Phone</b> | 801-538-5340  | <b>Payor Phone</b>    | 801-538-5340   |
| <b>Account#</b>     | 9001402352  | <b>Payor Account</b>  | 9001402352   |
| <b>Address</b>      | 1594 W NORTH TEMP #1210,P.O. BOX 145801<br>SALT LAKE CITY, UT 84114 USA | <b>Payor Address</b>  | 1594 W NORTH TEMP #1210,P.O. BO)<br>SALT LAKE CITY, UT 84114 |
| <b>Fax</b>          | 801-359-3940  | <b>Ordered By</b>     | <b>Acct. Exec</b>  |
| <b>E-Mail</b>       | juliecarter@utah.gov  | Jean                  | mfulltz  |

|                            |                 |                    |                 |                   |
|----------------------------|-----------------|--------------------|-----------------|-------------------|
| <b>Total Amount</b>        | <b>\$287.24</b> | <b>Tear Sheets</b> | <b>Proofs</b>   | <b>Affidavits</b> |
| <b>Payment Amt</b>         | <b>\$0.00</b>   |                    |                 |                   |
| <b>Amount Due</b>          | <b>\$287.24</b> | 0                  | 0               | 1                 |
| <b>Payment Method</b>      |                 | <b>PO Number</b>   | Cause - UIC-406 |                   |
| <b>Confirmation Notes:</b> |                 |                    |                 |                   |
| <b>Text:</b>               | Jean            |                    |                 |                   |
| <b>Ad Type</b>             | <b>Ad Size</b>  | <b>Color</b>       |                 |                   |
| Legal Liner                | 2.0 X 84 Li     | <NONE>             |                 |                   |

| <u>Product</u>            | <u>Placement</u>          | <u>Position</u>                 |
|---------------------------|---------------------------|---------------------------------|
| Salt Lake Tribune::       | Legal Liner Notice - 0998 | Public Meeting/Hear-ing Notices |
| <b>Scheduled Date(s):</b> | 2/28/2013                 |                                 |
| <u>Product</u>            | <u>Placement</u>          | <u>Position</u>                 |
| Deseret News::            | Legal Liner Notice - 0998 | Public Meeting/Hear-ing Notices |
| <b>Scheduled Date(s):</b> | 2/28/2013                 |                                 |
| <u>Product</u>            | <u>Placement</u>          | <u>Position</u>                 |
| sltrib.com::              | Legal Liner Notice - 0998 | Public Meeting/Hear-ing Notices |
| <b>Scheduled Date(s):</b> | 2/28/2013                 |                                 |
| <u>Product</u>            | <u>Placement</u>          | <u>Position</u>                 |
| utahlegals.com::          | utahlegals.com            | utahlegals.com                  |
| <b>Scheduled Date(s):</b> | 2/28/2013                 |                                 |

**Ad Content Proof Actual Size**  
BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-406

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STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
/s/ Brad Hill  
Permitting Manager  
861529

UPAXLP

**NEWFIELD**



**Newfield Exploration Company**

1001 17th Street | Suite 2000

Denver, Colorado 80202

PH 303-893-0102 | FAX 303-893-0103

February 14, 2013

Mr. Mark Reinbold  
State of Utah  
Division of Oil, Gas and Mining  
1594 W North Temple  
Salt Lake City, Utah 84114-5801

**RECEIVED**

**FEB 15 2013**

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

RE: Permit Application for Water Injection Well  
Ashley Federal #10-23-9-15  
Monument Butte Field, Lease #UTU-66185  
Section 23-Township 9S-Range 15E  
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Ashley Federal #10-23-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

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

Sincerely,

Eric Sundberg  
Environmental Manager

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**ASHLEY FEDERAL #10-23-9-15**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-66185**  
**FEBRUARY 14, 2013**

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# Ashley Federal #10-23-9-15

Spud Date: 6/7/1995  
 Put on Production: 12/21/1995  
 GL: 6406' KB: 6420'

Initial Production: BOPD,  
 MCFD, BWPD

## Proposed Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (296.05')  
 DEPTH LANDED: 294.75' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 130 sxs Class "G" cmt.

### PRODUCTION CASING

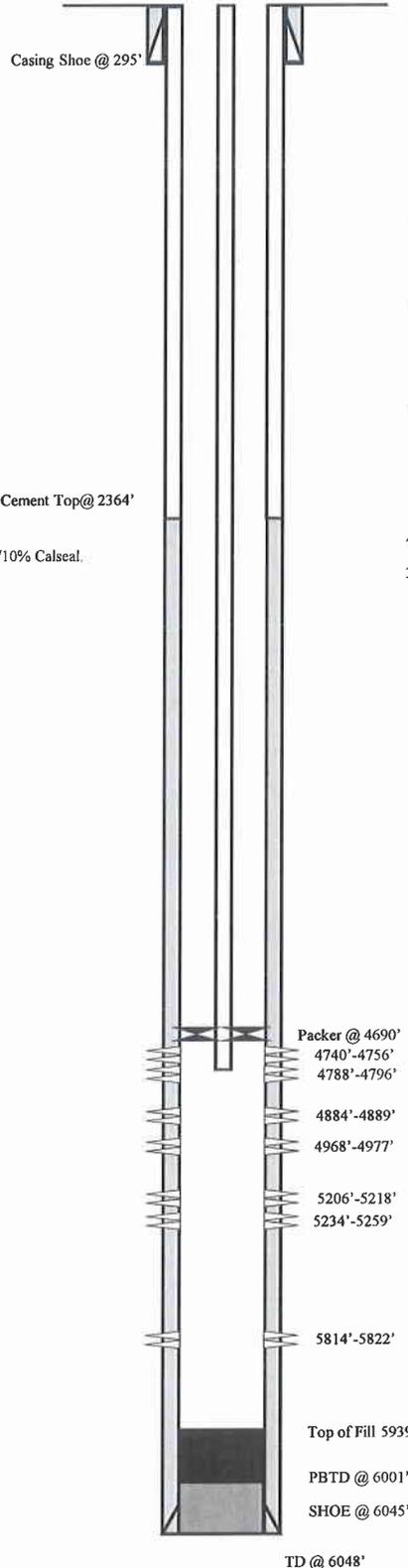
CSG SIZE: 5-1/2"  
 GRADE: K-55  
 WEIGHT: 15.5#  
 LENGTH: 140 jts. (6047.14')  
 DEPTH LANDED: 6045.48' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 240 sxs HiFill & 333 sxs Class G cmt. w/10% Calseal.  
 CEMENT TOP AT: 2364' CBL

### TUBING

SIZE/GRADE/WT : 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 183 jts (5758.04')  
 TUBING ANCHOR: 5771.04' KB  
 NO. OF JOINTS: 1 jt (31.64')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5805.48' KB  
 NO. OF JOINTS: 2 jts. (63.28')  
 TOTAL STRING LENGTH: BOT @ 5870.30' KB

### FRAC JOB

|          |             |   |
|----------|-------------|---|
| 12/7/95  | 5814'-5822' | <b>Frac CP3 sands as follows:</b><br>54,500# 20/40 sand in 547 bbls Boragel fluid. Treated @ avg press of 2200 psi w/avg rate of 26 BPM. ISIP 2078 psi. Calc flush: 5814 gal. Actual flush: 5747 gal. |
| 12/9/95  | 5206'-5259' | <b>LDC sands as follows:</b><br>113,300# 20/40 sand in 31,357 gal. Boragel fluid. ISIP 2445 psi. Calc flush: 5206' gal. Actual flush: 5156 gal.   |
| 12/12/95 | 4968'-4977' | <b>Frac A sands as follows:</b><br>21,200# 20/40 sand in 12,028 gal. Boragel fluid. ISIP 2291 psi. Calc flush: 4968' gal. Actual flush: 4860 gal.   |
| 12/14/95 | 4884'-4889' | <b>Frac B sands as follows:</b><br>25,000# 20/40 sand in 287 bbls Boragel fluid. Treated @ avg press of 2060 psi w/avg rate of 18 BPM. ISIP 2354 psi. Calc flush: 4886 gal. Actual flush: 4799 gal.   |
| 12/16/95 | 4740'-4796' | <b>Frac C/D sands as follows:</b><br>92,600# 20/40 sand in 640 bbls Boragel fluid. Treated @ avg press of 2100 psi w/avg rate of 36 BPM. ISIP 2170 psi. Calc flush: 4740 gal. Actual flush:           |
| 7/29/99  |             | Tubing Leak. Update tubing and rod detail.  |
| 3/2/04   |             | Stuck Pump. Update rod details.   |



### PERFORATION RECORD

|          |             |        |          |
|----------|-------------|--------|----------|
| 12/6/95  | 5814'-5822' | 4 JSPF | 32 holes |
| 12/8/95  | 5234'-5259' | 4 JSPF | 44 holes |
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| 12/10/95 | 4968'-4977' | 4 JSPF | 36 holes |
| 12/13/95 | 4884'-4889' | 4 JSPF | 20 holes |
| 12/15/95 | 4788'-4796' | 4 JSPF | 32 holes |
| 12/15/95 | 4740'-4756' | 4 JSPF | 64 holes |



**Ashley Federal #10-23-9-15**  
 1770' FSL & 2026' FEL  
 NW/SE Section 23-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-31519; Lease #UTU-66185

## WORK PROCEDURE FOR INJECTION CONVERSION

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

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

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

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

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

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

See Attachment A.

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

Approval is requested to convert the Ashley Federal #10-23-9-15 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

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

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

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

The injection zone is in the Green River Formation. For the Ashley Federal #10-23-9-15 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3943' - 6001'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3628' and the TD is at 6048'.

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

The referenced log for the Ashley Federal #10-23-9-15 is on file with the Utah Division of Oil, Gas and Mining.

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

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

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

See Attachment B.

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

See Attachment C.

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

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

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

This proposed injection well is on a Federal lease (Lease #UTU-66185) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

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

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

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

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

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

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

The casing program is 8-5/8", 24# surface casing run to 295' KB, and 5-1/2", 15.5# casing run from surface to 6045' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
  - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

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

See Attachment F.

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

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2040 psig.

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

The minimum fracture gradient for the Ashley Federal #10-23-9-15, for existing perforations (4740' - 5822') calculates at 0.79 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2040 psig. We may add additional perforations between 3628' and 6048'. See Attachments G and G-1.

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

In the Ashley Federal #10-23-9-15, the proposed injection zone (3943' - 6001') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

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

See Attachments E through E-10.

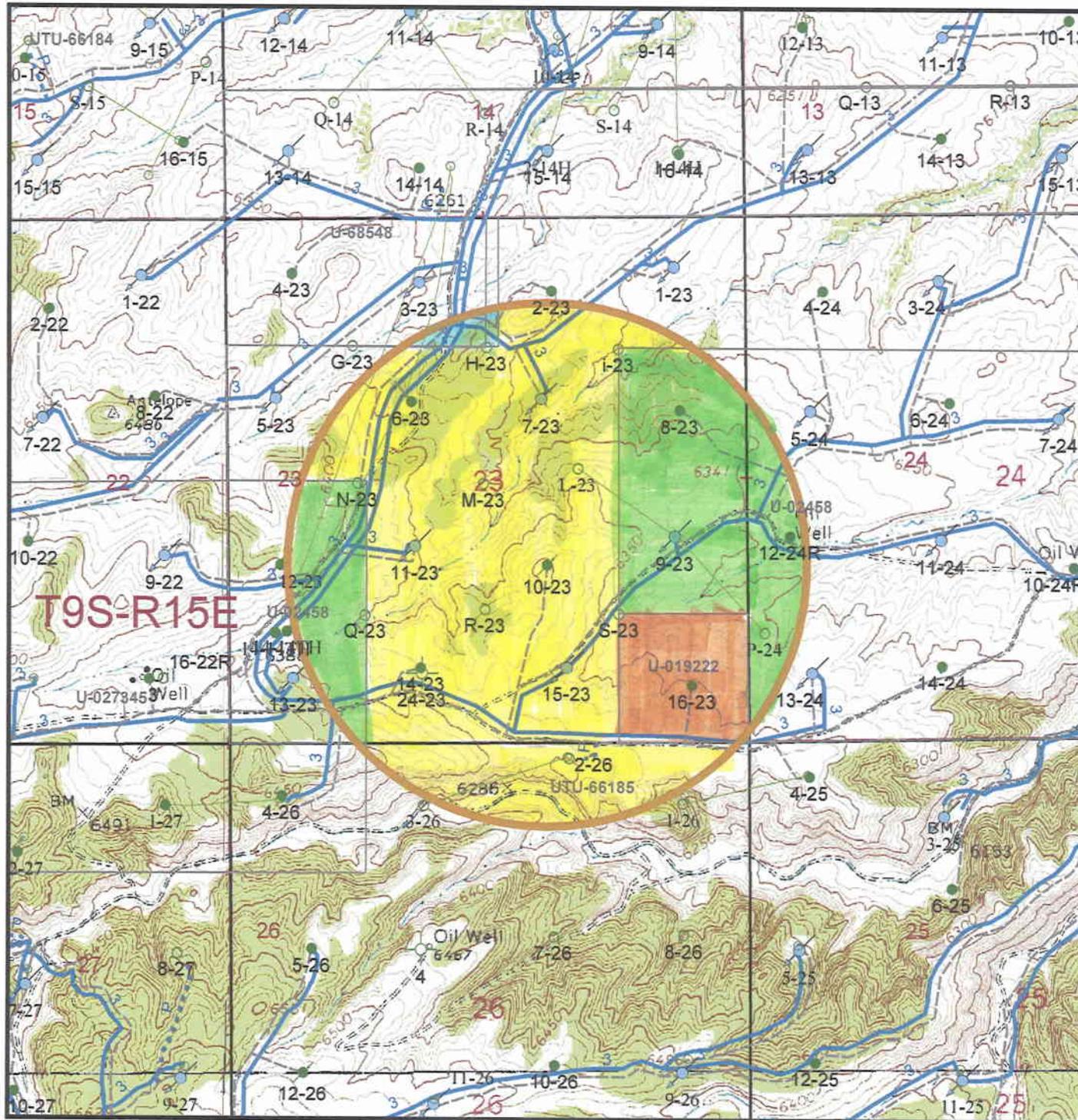
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

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

See Attachment C.

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

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



**WellStatus\_HalfMile\_Buffer**

**Well Status**

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

**Injection system**

- high pressure
- low pressure
- proposed
- return
- return proposed
- Leases
- Mining tracts

UTU-66185

UTU-02458

UTU-019222

UTU-68548

**Ashley Federal 10-23  
Section 23, T9S-R15E**

**NEWFIELD**  
ROCKY MOUNTAINS 1 in = 1,500 feet

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

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

December 18, 2012

# ATTACHMENT A-1

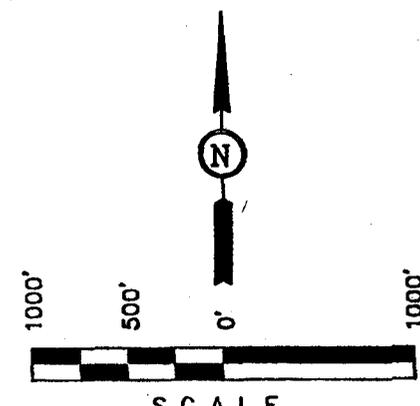
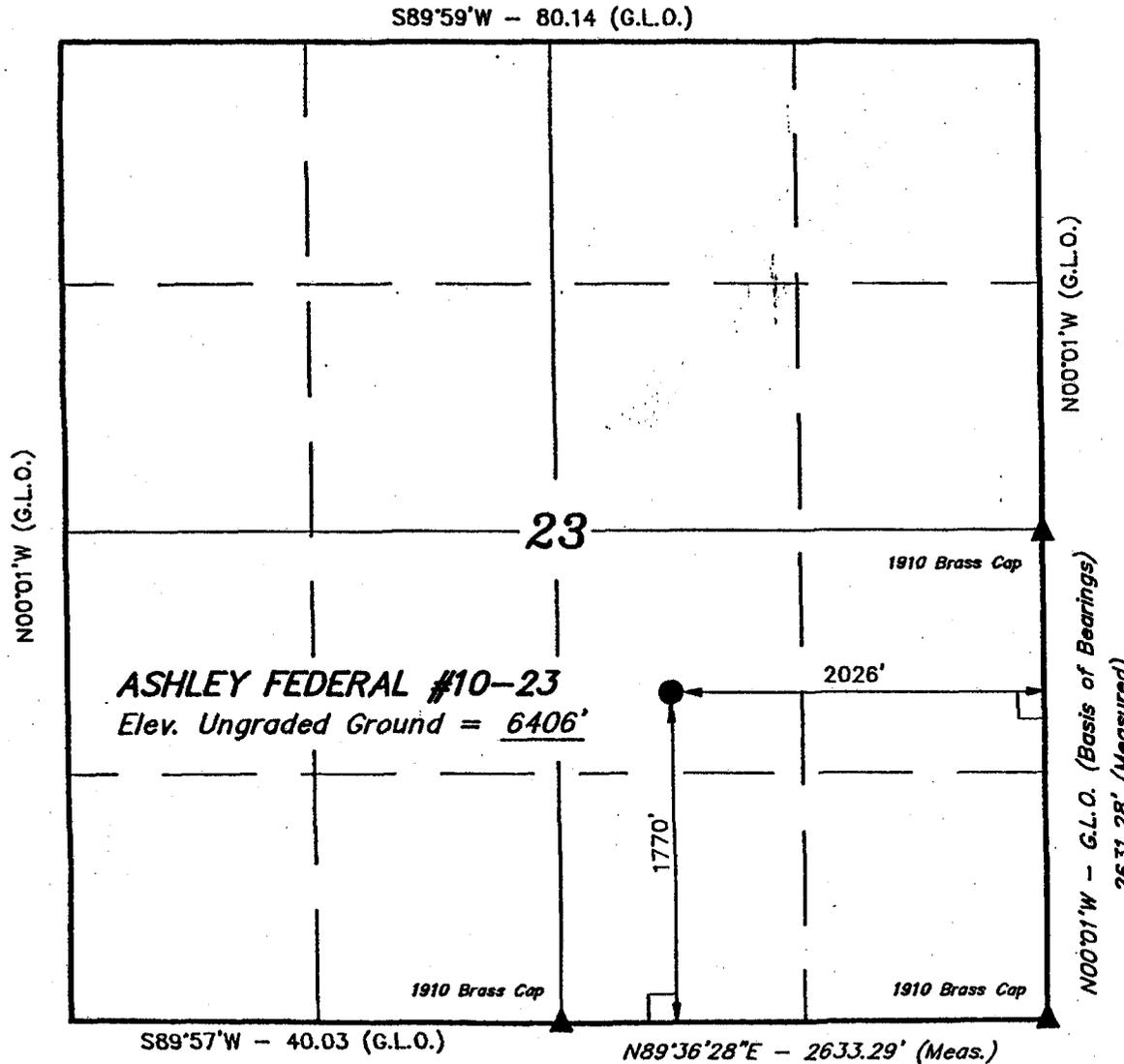
## LOMAX EXPLORATION CO.

**T9S, R15E, S.L.B.&M.**

Well location, ASHLEY FEDERAL #10-23, located as shown in the NW 1/4 SE 1/4 of Section 23, T9S, R15E, S.L.B.&M. Duchesne County, Utah.

### BASIS OF ELEVATION

TRIANGULATION STATION (ANTELOPE) LOCATED IN THE NE 1/4 OF SECTION 22, T9S, R15E, S.L.B.&M. TAKEN FROM THE MYTON SW QUADRANGLE, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6486 FEET.



### 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.

*Robert L. Gray*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 181319  
 STATE OF UTAH

- LEGEND:**
- └─┘ = 90° SYMBOL
  - = PROPOSED WELL HEAD.
  - ▲ = SECTION CORNERS LOCATED. (Brass Caps)

|  |                       |             |
|--|-----------------------|-------------|
| <b>UINTAH ENGINEERING &amp; LAND SURVEYING</b> |                       |             |
| 85 SOUTH 200 EAST - VERNAL, UTAH 84078         |                       |             |
| (801) 789-1017                                 |                       |             |
| SCALE  | DATE SURVEYED:        | DATE DRAWN: |
| 1" = 1000'                                     | 2-7-95                | 2-8-95      |
| PARTY  | REFERENCES            |             |
| J.F. R.C. C.B.T.                               | G.L.O. PLAT           |             |
| WEATHER  | FILE                  |             |
| COOL   | LOMAX EXPLORATION CO. |             |

**EXHIBIT B**

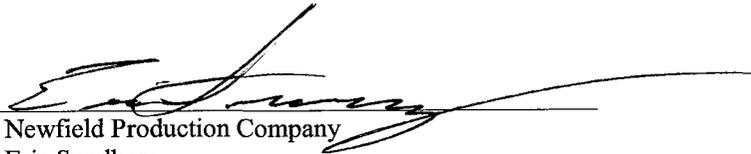
| # | Legal Description  | Lessor & Expiration      | Lessee & Operating Rights                       | Surface Owner |
|---|--|--------------------------|---|---------------|
| 1 | T9S-R15E SLM<br>Section 22: E2SW, Lots 2-4,<br>Section 23: NENE, W2E2, S2NW, E2SW<br>Section 24: N2N2<br><br>Section 25: ALL<br>Section 26: NE, NENW, S2NW, S2<br>Section 27: S2NE, E2NW, SE, Lots 1,2 | USA<br>UTU-66185<br>HBP  | Newfield Production Company<br>Newfield RMI LLC | USA           |
| 2 | T9S-R15E SLM<br>Section 23: SENE, W2SW, NESE<br>Section 24: S2N2, S2   | USA<br>UTU-02458<br>HBP  | Newfield Production Company<br>Newfield RMI LLC | USA           |
| 3 | T9S-R15E SLM<br>Section 23: SESE   | USA<br>UTU-019222<br>HBP | Newfield Production Company<br>Newfield RMI LLC | USA           |
| 4 | T9S-R15E SLM<br>Section 13: S2S2<br>Section 14: S2S2<br>Section 15: Lot 4<br>Section 22: NE, E2NW, Lot 1<br>Section 23: N2NW   | USA<br>UTU-68548<br>HBP  | Newfield Production Company<br>Newfield RMI LLC | USA           |

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Ashley Federal #10-23-9-15

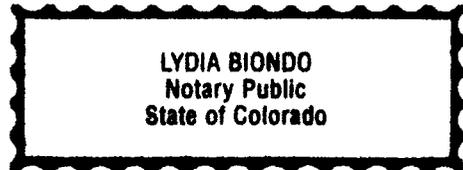
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed:   
Newfield Production Company  
Eric Sundberg  
Environmental Manager

Sworn to and subscribed before me this 14 day of February, 2013.

Notary Public in and for the State of Colorado: Lydia Biondo

My Commission Expires: 12/31/15



## Ashley Federal #10-23-9-15

Spud Date: 6/7/1995  
 Put on Production: 12/21/1995  
 GL: 6406' KB: 6420'

Initial Production: BOPD,  
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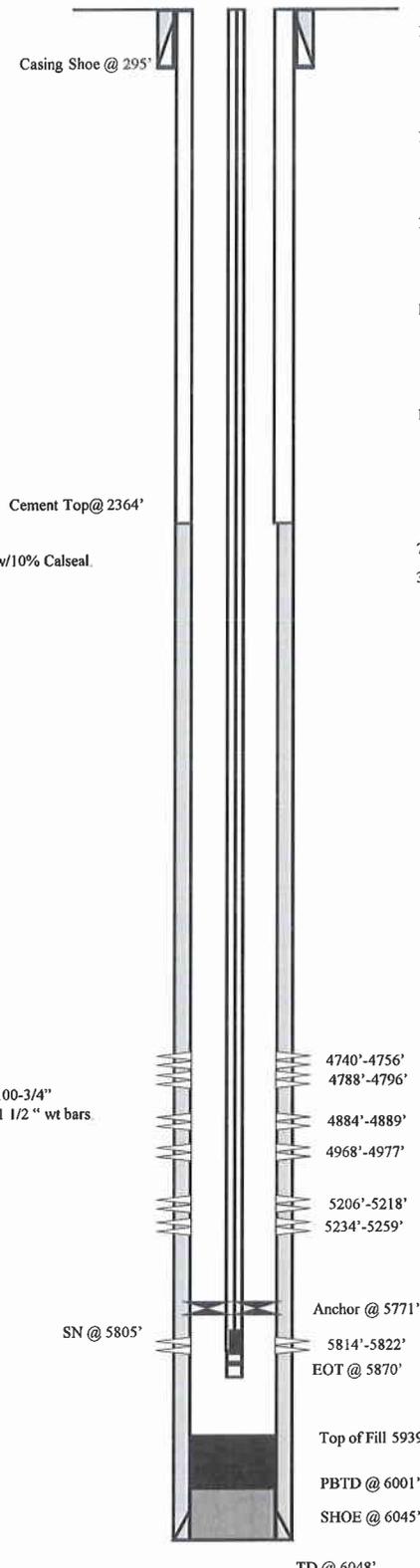
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 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5805.48' KB  
 NO. OF JOINTS: 2 jts. (63.28')  
 TOTAL STRING LENGTH: EOT @ 5870.30' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished  
 SUCKER RODS: 1-2' x 3/4" pony rod, 4-1 3/8" weight bars, 100-3/4" scraped rods, 111-3/4" plain rods, 14-3/4" scraped rods, 2-1 1/2" wt bars.  
 PUMP SIZE: 2-1/2" x 1-1/4" x 11 RHAC  
 STROKE LENGTH: 64"  
 PUMP SPEED, SPM: 4 SPM  
 LOGS: DIGL/SP/GR/CAL

### FRAC JOB

|          |             |   |
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Wellbore Diagram

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 DEPTH LANDED: 322.39 KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

**PRODUCTION CASING**

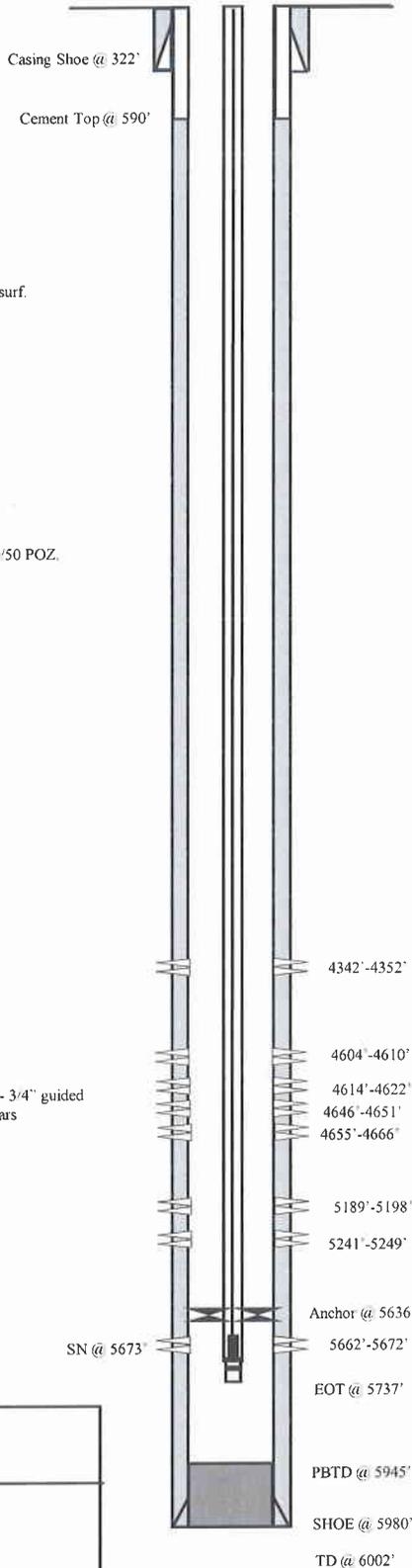
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 136 jts. (5982.06')  
 DEPTH LANDED: 5980.06' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 590'

**TUBING**

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 159 jts (5334.2')  
 TUBING ANCHOR: 5636.4' KB  
 NO. OF JOINTS: 1 jt (33.4')  
 SEATING NIPPLE: 2-7/8"  
 SN LANDED AT: 5672.5' KB  
 NO. OF JOINTS: 2 jts (63.2')  
 TOTAL STRING LENGTH: EOT (@ 5737')

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22"  
 SUCKER RODS: 1-8" x 3/4" pony rod, 3- 12" x 3/4" pony rods, 91- 3/4" guided rods, 118- 3/4" guided rods, 10- 3/4" guided rods, 6- 1 1/2" weight bars  
 PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 15' RHAC  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 4



**FRAC JOB**

|          |             |  |
|----------|-------------|--|
| 6/28/06  | 5662'-5672' | <b>Frac CP3 sands as follows:</b><br>29,959# 20/40 sand in 367 bbls Lightning Frac 17 fluid. Treated @ avg press of 1718 psi w/avg rate of 25.2 BPM. ISIP 1720 psi. Calc flush: 5660 gal. Actual flush: 5124 gal.      |
| 6/28/06  | 5189'-5249' | <b>Frac LODC sands as follows:</b><br>49,873# 20/40 sand in 503 bbls Lightning Frac 17 fluid. Treated @ avg press of 2485 psi w/avg rate of 26.1 BPM. ISIP 2370 psi. Calc flush: 5187 gal. Actual flush: 4662 gal.     |
| 6/28/06  | 4604'-4666' | <b>Frac D1&amp;2 sands as follows:</b><br>75,344# 20/40 sand in 565 bbls Lightning Frac 17 fluid. Treated @ avg press of 1824 psi w/avg rate of 25.4 BPM. ISIP 2110 psi. Calc flush: 4602 gal. Actual flush: 4116 gal. |
| 6/28/06  | 4342'-4352' | <b>Frac PB10 sands as follows:</b><br>22,469# 20/40 sand in 324 bbls Lightning Frac 17 fluid. Treated @ avg press of 1614 psi w/avg rate of 14.5 BPM. ISIP 1915 psi. Calc flush: 4340 gal. Actual flush: 4242 gal.     |
| 09/01/06 |             | <b>Pump Change.</b> Rod & Tubing detail updated.   |
| 11/20/08 |             | <b>Pump Change.</b> Updated rod & tubing details.  |
| 1/21/10  |             | <b>Pump Change.</b> Updated rod and tubing detail.   |

**PERFORATION RECORD**

|         |             |        |          |
|---------|-------------|--------|----------|
| 6/23/06 | 5662'-5672' | 4 JSPF | 40 holes |
| 6/28/06 | 5241'-5249' | 4 JSPF | 32 holes |
| 6/28/06 | 5189'-5198' | 4 JSPF | 36 holes |
| 6/28/06 | 4655'-4666' | 4 JSPF | 44 holes |
| 6/28/06 | 4646'-4651' | 4 JSPF | 20 holes |
| 6/28/06 | 4614'-4622' | 4 JSPF | 32 holes |
| 6/28/06 | 4604'-4610' | 4 JSPF | 24 holes |
| 6/28/06 | 4342'-4352' | 4 JSPF | 40 holes |



**Ashley Federal 8-23-9-15**  
 1970 FNL & 665 FEL  
 SE/NE Sec. 23, T9S R15E  
 Duchesne County, UT  
 API# 43-013-32828; Lease# UTU-02458

# Ashley Federal 6-23-9-15

Spud Date: 06/14/2006  
 Put on Production: 08/02/2006  
 GL: 6327' KB: 6339'

## Injection Wellbore Diagram

### SURFACE CASING

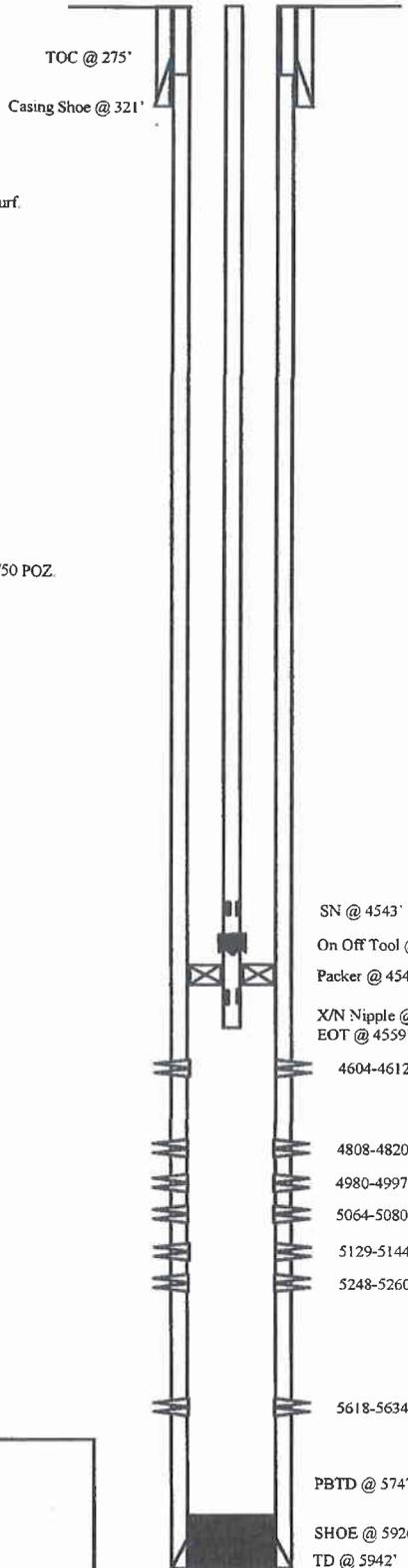
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts (309.16')  
 DEPTH LANDED: 321.01' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 135 jts (5912.51')  
 DEPTH LANDED: (5925.76') KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP: 275'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 143 jts (4530.7')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4542.7' KB  
 ON/OFF TOOL AT: 4543.8'  
 ARROW #1 PACKER CE AT: 4549.07'  
 XO 2-3/8 x 2-7/8 J-55 AT: 4552.8'  
 TBG PUP 2-3/8 J-55 AT: 4553.4'  
 X/N NIPPLE AT: 4557.5'  
 TOTAL STRING LENGTH: EOT @ 4559.02'



### FRAC JOB

|            |            |   |
|------------|------------|---|
| 07/28/06   | 5618-5634  | <b>Frac CP2 sands as follows:</b><br>34,075# 20/40 sand in 394 bbls Lightning 17 frac fluid. Treated @ avg press of 1597 psi w/avg rate of 24.9 BPM. ISIP 1675 psi. Calc flush: 5616 gal. Actual flush: 5124 gal 07/28/06         |
| 5248-5260' |            | <b>Frac LODC sands as follows:</b><br>69,111# 20/40 sand in 543 bbls Lightning 17 frac fluid. Treated @ avg press of 2325 psi w/avg rate of 24.7 BPM. ISIP 2450 psi. Calc flush: 5246 gal. Actual flush: 4788 gal.                |
| 07/28/06   | 5129-4997' | <b>Frac LODC, A3, &amp; A1 sands as follows:</b><br>198,857# 20/40 sand in 710 bbls Lightning 17 frac fluid. Treated @ avg press of 2698 psi w/avg rate of 26.7 BPM. ISIP 3150 psi. Calc flush: 5127 gal. Actual flush: 4536 gal. |
| 07/28/06   | 4808-4820' | <b>Frac B.5 sands as follows:</b><br>33,850# 20/40 sand in 380 bbls Lightning 17 frac fluid. Treated @ avg press of 2084 psi w/avg rate of 24.5 BPM. ISIP 2090 psi. Calc flush: 4806 gal. Actual flush: 4326 gal.                 |
| 07/28/06   | 4604-4612' | <b>Frac D1 sands as follows:</b><br>43,995# 20/40 sand in 375 bbls Lightning 17 frac fluid. Treated @ avg press of 1928 psi w/avg rate of 25.5 BPM. ISIP 2450 psi. Calc flush: 4602 gal. Actual flush: 4536 gal.                  |
| 10/23/06   |            | <b>Pump Change</b> Rod & Tubing detail updated.   |
| 8-7-08     |            | <b>Pump change</b> Updated rod & tubing details.  |
| 12/31/2011 |            | <b>Parted Rods.</b> Rod & tubing detail updated.  |
| 12/14/12   |            | Convert to Injection Well   |
| 12/18/12   |            | Conversion MIT Finalized - update tbg detail  |

### PERFORATION RECORD

| Date     | Interval   | JSPF   | Holes    |
|----------|------------|--------|----------|
| 07/28/06 | 5618-5634' | 4 JSPF | 64 holes |
| 07/28/06 | 5248-5260' | 4 JSPF | 48 holes |
| 07/28/06 | 5129-5144' | 4 JSPF | 60 holes |
| 07/28/06 | 5064-5080' | 4 JSPF | 64 holes |
| 07/28/06 | 4980-4997' | 4 JSPF | 68 holes |
| 07/28/06 | 4808-4820' | 4 JSPF | 48 holes |
| 07/28/06 | 4604-4612' | 4 JSPF | 32 holes |



**Ashley Federal 6-23-9-15**  
 1878' FNL & 1888' FWL  
 SE/NW Section 23-T9S-R15E  
 Duchesne County, Utah  
 API #43-013-32827; Lease #UTU-66185

## Ashley Federal 7-23-9-15

Spud Date: 12-11-04  
 Put on Production: 2-4-05  
 GL: 6278' KB: 6290'

Initial Production: 12 BOPD,  
 102 MCFD, 2 BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (294.31')  
 DEPTH LANDED: 306.16' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs Class "G" cmt. est 2 bbls cmt to surf.

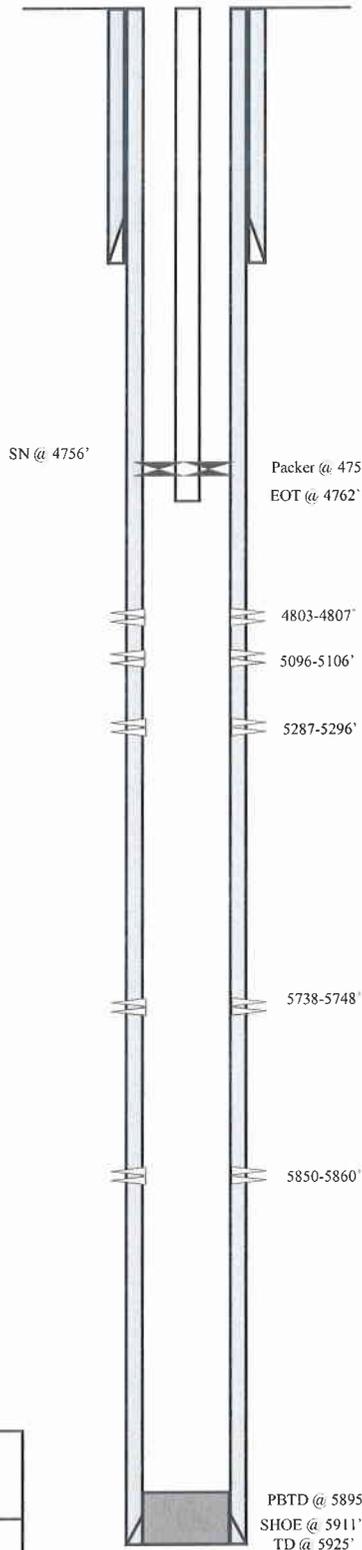
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 132 jts. (5911.70')  
 DEPTH LANDED: 5910.95' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II & 400 sxs 50/50 POZ.  
 CEMENT TOP AT:

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
 NO. OF JOINTS: 146 jts (4744.40')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4756.40' KB  
 TOTAL STRING LENGTH: EOT @ 4761.70' KB

Injection Wellbore  
 Diagram



### FRAC JOB

2-1-05 5850-5860' **Frac CP5 sand as follows:**  
 35697# s 20/40 sand in 362 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1976 psi  
 w/avg rate of 24.8 BPM. ISIP 3200 Calc  
 Flush: 5848 gal. Actual Flush 5880 gals.

2-1-05 5738-5748' **Frac CP4 sand as follows:**  
 38551# s 20/40 sand in 389 bbls Lightning  
 17 frac fluid. Treated @ avg press of 2040 psi  
 w/avg rate of 24.9 BPM. ISIP 2080 Calc  
 flush: 5734 gal. Actual flush: 5754 gal.

2-1-05 5287-5296' **Frac LODC, sand as follows:**  
 14124# s 20/40 sand in 225 bbls Lightning  
 17 frac fluid. Treated @ avg press of 3142 psi  
 w/avg rate of 23.2 BPM. ISIP 3320 psi. Calc  
 flush: 5285 gal. Actual flush: 5325 gal.

2-2-05 5096-5106' **Frac LODC sand as follows:**  
 24407# s 20/40 sand in 283 bbls Lightning  
 17 frac fluid. Treated @ avg press of 2022 psi  
 w/avg rate of ? BPM. ISIP 2240 psi. Calc  
 flush: 5094 gal. Actual flush: 5094 gal.

2-2-05 4803-4807' **Frac B1 sand as follows:**  
 15788# s 20/40 sand in 215 bbls Lightning  
 17 frac fluid. Treated @ avg press of 2250 psi  
 w/avg rate of 14.4 BPM. ISIP 2375. Calc  
 flush: 4801 gal. Actual flush: 4716 gal

5/8/06 **Well converted to an Injection well.**  
 5/23/06 **MIT completed and submitted.**

### PERFORATION RECORD

| Date   | Interval   | JSPF   | Holes    |
|--------|------------|--------|----------|
| 2-1-05 | 5850-5860' | 4 JSPF | 40 holes |
| 2-1-05 | 5738-5748' | 4 JSPF | 40 holes |
| 2-1-05 | 5287-5296' | 4 JSPF | 36 holes |
| 2-2-05 | 5096-5106' | 4 JSPF | 40 holes |
| 2-2-05 | 4803-4807' | 4 JSPF | 16 holes |

**NEWFIELD**

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**Ashley Federal 7-23-9-15**  
 1849' FNL & 2072' FEL  
 SW/NE Section 23-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32481; Lease #UTU-66185

## Ashley Federal 9-23-9-15

Spud Date: 2-21-05  
 Put on Production: 4-18-05  
 GL: 6323' KB: 6335'

Initial Production: 34 BOPD,  
 5 MCFD, 33 BWPD

Injection Wellbore  
 Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (301.4')  
 DEPTH LANDED: 311.4' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 142 jts. (5975.48')  
 DEPTH LANDED: 5976.73' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II & 450 sxs 50/50 POZ.  
 CEMENT TOP AT: 56'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 142 jts (4618.2')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4630' KB  
 CE @ 4634'  
 TOTAL STRING LENGTH: EOT @ 4638.61' KB

**FRAC JOB**

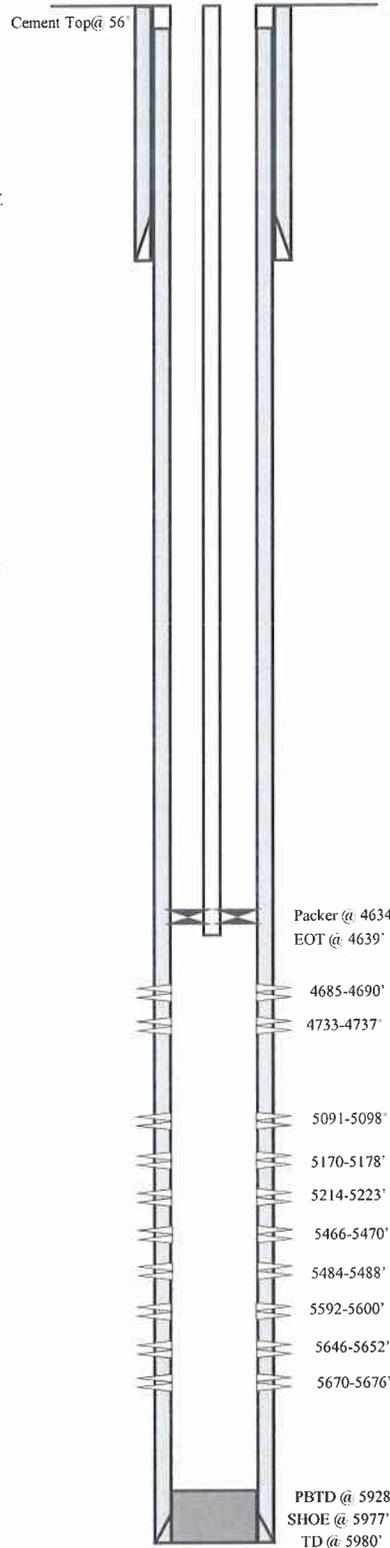
4-12-05 5592-5676' **Frac CP 2 & CP3 sand as follows:**  
 29578# s 20/40 sand in 335 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1548 psi  
 w/avg rate of 24.2 BPM. ISIP 1880. Calc.  
 flush: 5590, Actual flush: 5628

4-13-05 5466-5488' **Frac CP1 & CP.5 sand as follows:**  
 24612# s 20/40 sand in 302 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1760 psi  
 w/avg rate of 23.3 BPM. ISIP 2220 Calc  
 Actual flush: 5502 gal.

4-13-05 5091-5223' **Frac LODC, sand as follows:**  
 90073# s 20/40 sand in 662 bbls Lightning  
 17 frac fluid. Treated @ avg press of 2193 psi  
 w/avg rate of 24.2 BPM. ISIP 2480 psi. Calc  
 flush: 5089 gal. Actual flush: 5082 gal.

4-13-05 4685-4737' **Frac C & D3 sand as follows:**  
 37289# s 20/40 sand in 355 bbls Lightning  
 17 frac fluid. Treated @ avg press of 2018 psi  
 w/avg rate of 24.9 BPM. ISIP 2320 psi. Calc  
 flush: 4683 gal. Actual flush: 4578 gal.

5/25/06 **Well converted to an Injection well.**  
 6/8/06 **MIT completed and submitted.**  
 5/4/11 **5 YR MIT Completed**



**PERFORATION RECORD**

| Date    | Interval   | JSPF   | Holes    |
|---------|------------|--------|----------|
| 4-12-05 | 5592-5600' | 4 JSPF | 32 holes |
| 4-12-05 | 5646-5652' | 4 JSPF | 24 holes |
| 4-12-05 | 5670-5676' | 4 JSPF | 24 holes |
| 4-13-05 | 5466-5470' | 4 JSPF | 16 holes |
| 4-13-05 | 5484-5488' | 4 JSPF | 16 holes |
| 4-13-05 | 5091-5098' | 4 JSPF | 28 holes |
| 4-13-05 | 5170-5178' | 4 JSPF | 32 holes |
| 4-13-05 | 5214-5223' | 4 JSPF | 36 holes |
| 4-13-05 | 4685-4690' | 4 JSPF | 20 holes |
| 4-13-05 | 4733-4737' | 4 JSPF | 16 holes |

**NEWFIELD**

**Ashley Federal 9-23-9-15**  
 2050' FSL & 726' FEL  
 NE/SE Section 23-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32426; Lease # UTU-02458

Attachment E-5

# Ashley Federal 11-23-9-15

Spud Date: 06/08/2006  
 Put on Production: 07/20/2006  
 GL: 6349' KB: 6361'

Initial Production: BOPD,  
 MCFD, BWPD

## Injection Wellbore Diagram

### SURFACE CASING

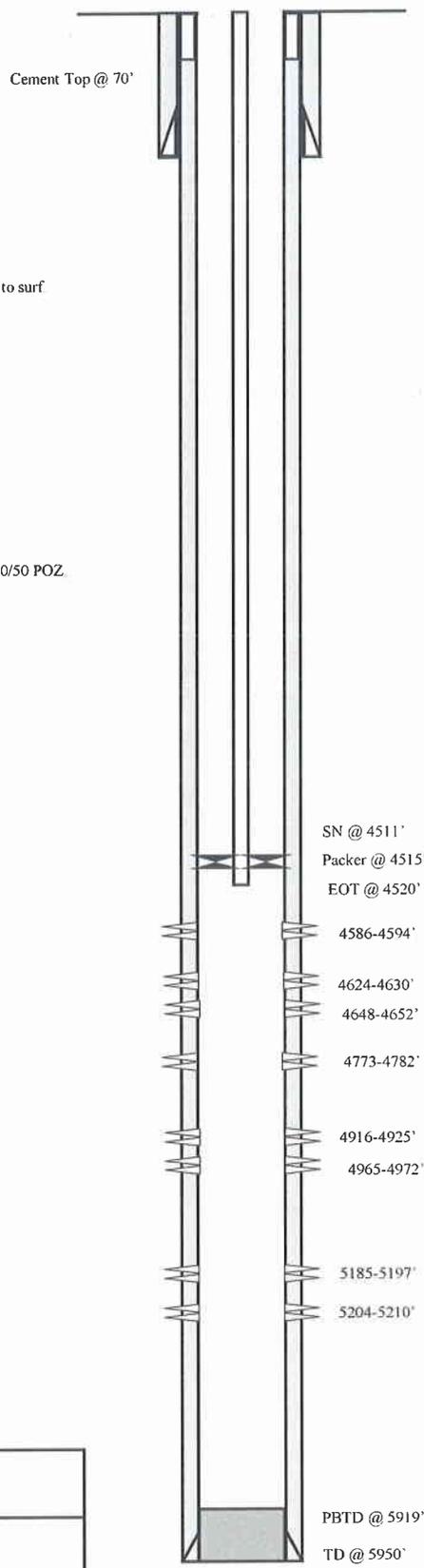
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts (311.63')  
 DEPTH LANDED: 323.48' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 4.5 bbls cmt to surf

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 136 jts (5927.83')  
 DEPTH LANDED: 5941.08' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem Lite II mixed & 450 sxs 50/50 POZ  
 CEMENT TOP AT: 70'

### TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO OF JOINTS: 142 jts (4499.08')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4511.08' KB  
 PACKER (3 10") @ 4515.28' KB  
 TOTAL STRING LENGTH: EOT @ 4519.68' KB



### FRAC JOB

|          |             |  |
|----------|-------------|--|
| 07/17/06 | 5210-5185'  | <b>Frac LODC sands as follows:</b><br>70,229# 20/40 sand in 547 bbls Lightning 17 frac fluid. Treated @ avg press of 2265 psi w/avg rate of 25.1 BPM. ISIP 2160 psi. Calc flush: 5207 gal. Actual flush: 4704 gal.             |
| 07/17/06 | 4972-4916'  | <b>Frac A1 &amp; A5 sands as follows:</b><br>55,122# 20/40 sand in 462 bbls Lightning 17 frac fluid. Treated @ avg press of 2415 psi w/avg rate of 25 BPM. ISIP 2150 psi. Calc flush: 4970 gal. Actual flush: 4452 gal.        |
| 07/17/06 | 4773-4782'  | <b>Frac C sands as follows:</b><br>34,730# 20/40 sand in 405 bbls Lightning 17 frac fluid. Treated @ avg press of 2238 psi w/avg rate of 25.1 BPM. ISIP 2175 psi. Calc flush: 4771 gal. Actual flush: 4284 gal.                |
| 07/17/06 | 4652-4586'  | <b>Frac D3, D2, &amp; D1 sands as follows:</b><br>94,717# 20/40 sand in 678 bbls Lightning 17 frac fluid. Treated @ avg press of 1985 psi w/avg rate of 24.9 BPM. ISIP 2175 psi. Calc flush: 4650 gal. Actual flush: 4494 gal. |
| 03-12-07 | Pump Change | Rod & Tubing detail updated.   |
| 02-07-08 |             | Converted to and Injection well.   |
| 02-21-08 |             | MIT Completed  |

### PERFORATION RECORD

|          |            |        |          |
|----------|------------|--------|----------|
| 07/11/06 | 5204-5210' | 4 JSPF | 24 holes |
| 07/11/06 | 5185-5197' | 4 JSPF | 48 holes |
| 07/17/06 | 4965-4972' | 4 JSPF | 28 holes |
| 07/17/06 | 4916-4925' | 4 JSPF | 36 holes |
| 07/17/06 | 4773-4782' | 4 JSPF | 36 holes |
| 07/17/06 | 4648-4652' | 4 JSPF | 16 holes |
| 07/17/06 | 4624-4630' | 4 JSPF | 24 holes |
| 07/17/06 | 4586-4594' | 4 JSPF | 32 holes |

**NEWFIELD**

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**Ashley Federal 11-23-9-15**

1981' FSL & 1911' FWL  
 NE/SW Section 23-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32829; Lease #UTU-66185

## Ashley Federal 12-23-9-15

Spud Date: 5-21-06  
Put on Production: 6-27-06

GL: 6435' KB: 6447'

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (305.73')  
DEPTH LANDED: 317.58' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 140 jts (6055.96')  
DEPTH LANDED: 6069.21' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
CEMENT TOP AT: 270'

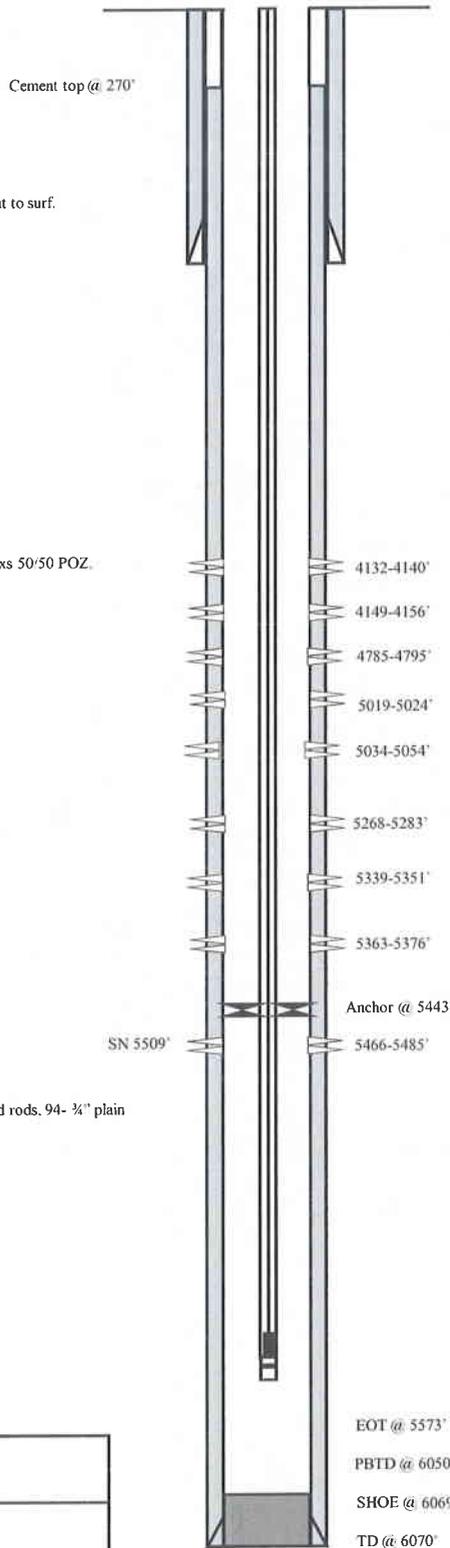
### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 172 jts (5430.80')  
TUBING ANCHOR: 5442.80' KB  
NO. OF JOINTS: 1 jts (63.20')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5508.80' KB  
NO. OF JOINTS: 2 jts (63.10')  
TOTAL STRING LENGTH: EOT @ 5573.35' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 1- 2' X 3/4" pony rods, 100- 3/4" guided rods, 94- 3/4" plain rods, 20- 3/4" guided rods, 6- 1 1/2" weight rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16" RHAC  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 5 SPM

### Wellbore Diagram



Initial Production: BOPD,  
MCFD, BWPD

### FRAC JOB

| Date                | Depth      | Description   |
|---------------------|------------|---|
| 06-19-06            | 5466-5485' | <b>Frac LODC sands as follows:</b><br>35309# 20/40 sand in 405 bbls Lightning 17 frac fluid. Treated @ avg press of 2118 psi w/avg rate of 25.1 BPM. ISIP 2230 psi. Calc flush: 5464 gal. Actual flush: 4998 gal. |
| 06-20-06            | 5268-5376' | <b>Frac LODC sands as follows:</b><br>82289# 20/40 sand in 718 bbls Lightning 17 frac fluid. Treated @ avg press of 2580 psi w/avg rate of 27.8 BPM. ISIP 2688 psi. Calc flush: 5266 gal. Actual flush: 4746 gal. |
| 06-20-06            | 5019-5054' | <b>Frac A 1 sands as follows:</b><br>70997# 20/40 sand in 556 bbls Lightning 17 frac fluid. Treated @ avg press of 2435 psi w/avg rate of 30.8 BPM. ISIP 2580 psi. Calc flush: 5017 gal. Actual flush: 4494 gal.  |
| 06-20-06            | 4785-4795' | <b>Frac C sands as follows:</b><br>40577# 20/40 sand in 368 bbls Lightning 17 frac fluid. Treated @ avg press of 2372 w/ avg rate of 24.9 BPM. ISIP 2580 psi. Calc flush: 4783 gal. Actual flush: 4032 gal.       |
| 06-20-06            | 4132-4156' | <b>Frac GB6 sands as follows:</b><br>45187# 20/40 sand in 393 bbls Lightning 17 frac fluid. Treated @ avg press of 1642 w/ avg rate of 25.2 BPM. ISIP 2580 psi. Calc flush: 4130 gal. Actual flush: 4032 gal.     |
| 8-22-08<br>05/19/10 |            | Pump change. Updated rod & tubing details. Tubing Leak. Rod & Tubing updated.   |

### PERFORATION RECORD

| Date     | Depth      | Tool   | Holes    |
|----------|------------|--------|----------|
| 06-15-06 | 5466-5485' | 4 JSPF | 76 holes |
| 06-19-06 | 5363-5376' | 4 JSPF | 52 holes |
| 06-19-06 | 5339-5351' | 4 JSPF | 48 holes |
| 06-19-06 | 5268-5283' | 4 JSPF | 60 holes |
| 06-20-06 | 5034-5054' | 4 JSPF | 80 holes |
| 06-20-06 | 5019-5024' | 4 JSPF | 20 holes |
| 06-20-06 | 4785-4795' | 4 JSPF | 40 holes |
| 06-20-06 | 4149-4156' | 4 JSPF | 28 holes |
| 06-20-06 | 4132-4140' | 4 JSPF | 32 holes |



**Ashley Federal 12-23-9-15**  
1950' FSL & 623' FWL  
NW/SW Section 23-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32830; Lease #UTU-02458

# Ashley Federal 14-23-9-15

Spud Date: 06/28/2006  
 Put on Production: 08/09/06  
 GL: 6382' KB: 6394'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE 8-5/8"  
 GRADE J-55  
 WEIGHT 24#  
 LENGTH: 7 jts (310.49')  
 DEPTH LANDED 322.34' KB  
 HOLE SIZE 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf

**PRODUCTION CASING**

CSG SIZE 5-1/2"  
 GRADE J-55  
 WEIGHT 15.5#  
 LENGTH: 135 jts (5904.11')  
 DEPTH LANDED 5917.90' KB  
 HOLE SIZE 7-7/8"  
 CEMENT DATA: 305 sxs Prem Lite II mixed & 452 sxs 50/50 POZ  
 CEMENT TOP: 270'

**TUBING**

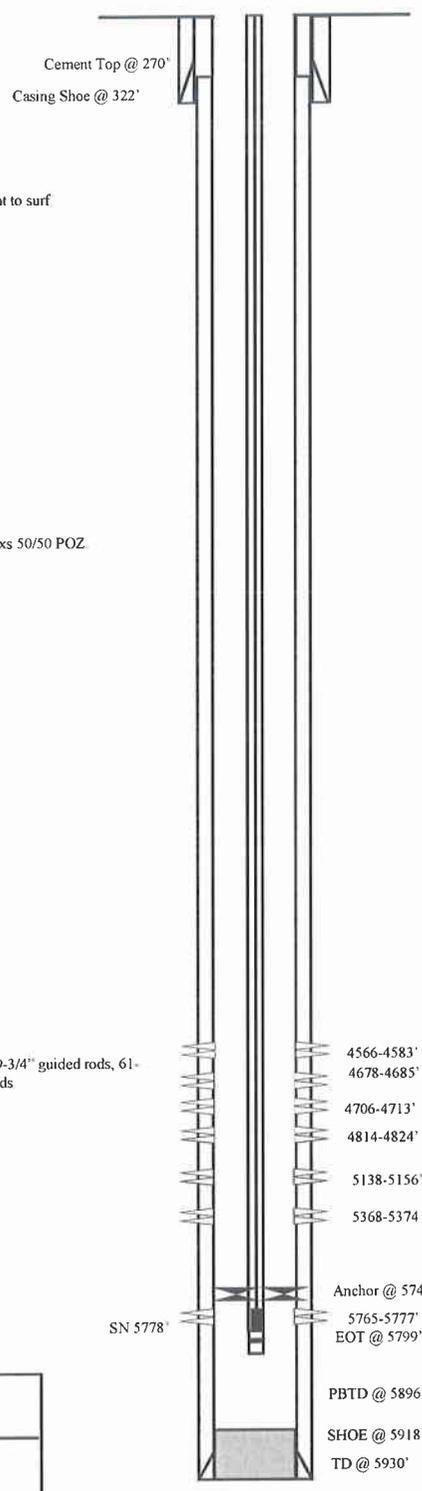
SIZE/GRADE/WT 2-7/8" / J-55  
 NO. OF JOINTS 181 jts (5731.01')  
 TUBING ANCHOR 5743' KB  
 NO. OF JOINTS 1 jts (31.80')  
 SEATING NIPPLE 2-7/8" 1 10  
 SN LANDED AT: 5765.60' KB  
 NO. OF JOINTS 1 jts (31.80')  
 TOTAL STRING LENGTH: EOT @ 5799' KB

**SUCKER RODS**

POLISHED ROD 1-1/2" x 22'  
 SUCKER RODS: 1-8, 1-6, 1-4, & 1-2' x 1/4" ponies, 99-3/4" guided rods, 61-3/4" sucker rods, 63-3/4" guided rods, 6-1 1/2" weight rods  
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12 x 15' RHAC  
 STROKE LENGTH 86"  
 PUMP SPEED, SPM 5'

**FRAC JOB**

|          |            |  |
|----------|------------|--|
| 08-01-06 | 5765-5777' | <b>Frac CP5 sands as follows:</b><br>24,586# 20/40 sand in 376 bbls Lightning 17 frac fluid. Treated @ avg press of 2484 psi w/avg rate of 25.3 BPM. ISIP 2415 psi. Calc flush: 5763 gal. Actual flush: 5250 gal.        |
| 08-01-06 | 5368-5374' | <b>Frac LODC sands as follows:</b><br>19,944# 20/40 sand in 303 bbls Lightning 17 frac fluid. Treated @ avg press of 2225 psi w/avg rate of 25.1 BPM. ISIP 2230 psi. Calc flush: 5366 gal. Actual flush: 4914 gal.       |
| 08-02-06 | 5138-5156' | <b>Frac LODC sands as follows:</b><br>80,509# 20/40 sand in 601 bbls Lightning 17 frac fluid. Treated @ avg press of 2160 psi w/avg rate of 25.2 BPM. ISIP 2680 psi. Calc flush: 5136 gal. Actual flush: 4620 gal.       |
| 08-02-06 | 4814-4824' | <b>Frac B2 sands as follows:</b><br>24,626# 20/40 sand in 315 bbls Lightning 17 frac fluid. Treated @ avg press of 2157 psi w/avg rate of 25.2 BPM. ISIP 1860 psi. Calc flush: 4812 gal. Actual flush: 4326 gal.         |
| 08-02-06 | 4706-4685' | <b>Frac C &amp; D3 sands as follows:</b><br>54,787# 20/40 sand in 451 bbls Lightning 17 frac fluid. Treated @ avg press of 1657 psi w/avg rate of 25.3 BPM. ISIP 1540 psi. Calc flush: 4704 gal. Actual flush: 4200 gal. |
| 08-04-06 | 4566-4583' | <b>Frac D1 sands as follows:</b><br>176,650# 20/40 sand in 1162 bbls Lightning 17 frac fluid. Treated @ avg press of 1722 psi w/avg rate of 25.2 BPM. ISIP 1860 psi. Calc flush: 4564 gal. Actual flush: 4452 gal.       |
| 03/22/07 |            | Pump Change Update rod and tubing details.   |
| 7/13/07  |            | Pump change Update rod & tubing details.   |
| 02/27/10 |            | Parted Rods Update rod & tubing details.   |



**PERFORATION RECORD**

|          |            |        |          |
|----------|------------|--------|----------|
| 07-21-06 | 5765-5777' | 4 JSPF | 48 holes |
| 08-01-06 | 5368-5374' | 4 JSPF | 24 holes |
| 08-01-06 | 5138-5156' | 4 JSPF | 72 holes |
| 08-02-06 | 4814-4824' | 4 JSPF | 40 holes |
| 08-02-06 | 4706-4713' | 4 JSPF | 28 holes |
| 08-02-06 | 4678-4685' | 4 JSPF | 28 holes |
| 08-02-06 | 4566-4583' | 4 JSPF | 68 holes |

**NEWFIELD**

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**Ashley Federal 14-23-9-15**

763' FSL & 1960' FWL  
 SE/SW Section 23-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32817; Lease #UTU-66185

## Ashley Federal 15-23-9-15

Spud Date: 06/06/06  
 Put on Production: 07/12/06  
 K.B.: 6373, G.L.: 56361

Initial Production: BOPD,  
 MCFD, BWPD

Injection Wellbore  
 Diagram

**SURFACE CASING**

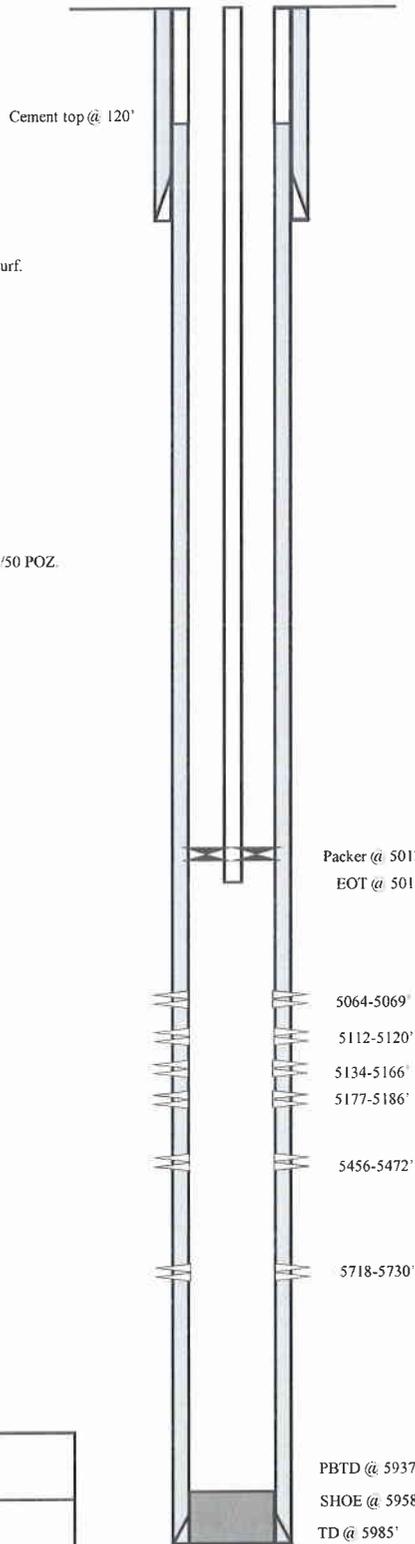
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (305.56')  
 DEPTH LANDED: 317.41' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 146 jts. (5945.28')  
 DEPTH LANDED: 5958.53' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 520 sxs 50/50 POZ.  
 CEMENT TOP AT: 120'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" J-55 tbg  
 NO. OF JOINTS: 158 jts (4995.80')  
 PACKER: 5012' KB (2.80')  
 SN LANDED AT: 5007.80' KB  
 TOTAL STRING LENGTH: EOT @ 5016.10' KB



**FRAC JOB**

|          |            |   |
|----------|------------|---|
| 07/06/06 | 5718-5730' | <b>Frac CP4, sands as follows:</b><br>29821# 20/40 sand in 375 bbls Lightning 17 frac fluid. Treated @ avg press of 2100 psi w/avg rate of 25.1 BPM. ISIP 1480 psi. Calc flush: 5728 gal. Actual flush: 5212 gal.   |
| 07/07/06 | 5456-5472' | <b>Frac CPI sands as follows:</b><br>60199# 20/40 sand in 491 bbls Lightning 17 frac fluid. Treated @ avg press of 1965 psi w/avg rate of 25.1 BPM. ISIP 2150 psi. Calc flush: 5470 gal. Actual flush: 4944 gal.  |
| 07/07/06 | 5064-5186' | <b>Frac LODC sands as follows:</b><br>246738# 20/40 sand in 1669 bbls Lightning 17 frac fluid. Treated @ avg press of 2553 psi w/avg rate of 40 BPM. ISIP 2675 psi. Calc flush: 5184 gal. Actual flush: 4965 gal. Pump change. Updated rod & tubing detail. |
| 8/9/07   |            |   |
| 2/23/08  |            | <b>Well converted to an Injection well.</b>   |
| 2/29/08  |            | <b>MIT completed and submitted.</b>   |

**PERFORATION RECORD**

|          |            |        |           |
|----------|------------|--------|-----------|
| 06/29/06 | 5718-5730' | 4 JSPF | 48 holes  |
| 07/06/06 | 5456-5472' | 4 JSPF | 64 holes  |
| 07/07/06 | 5177-5186' | 4 JSPF | 36 holes  |
| 07/07/06 | 5134-5166' | 4 JSPF | 128 holes |
| 07/07/06 | 5112-5120' | 4 JSPF | 32 holes  |
| 07/07/06 | 5064-5069' | 4 JSPF | 20 holes  |



**Ashley Federal 15-23-9-15**  
 743' FSL & 1837' FEL  
 SW/SE Section 23-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32831; Lease #UTU-66185

# Ashley Federal 16-23-9-15

Spud Date: 2-11-05  
 Put on Production: 4-13-05  
 GL: 6354' KB: 6366'

Initial Production: 43 BOPD,  
 10 MCFD, 352 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (298.19')  
 DEPTH LANDED: 309.09' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 2 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 132 jts (5919.73')  
 DEPTH LANDED: 5932.98' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 383 sxs Prem. Lite II & 450 sxs 50/50 POZ.  
 CEMENT TOP AT: 175'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55  
 NO. OF JOINTS: 180 jts (5620.29')  
 TUBING ANCHOR: 5632.29' KB  
 NO. OF JOINTS: 2 jts (61.96')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5697.05' KB  
 NO. OF JOINTS: 2 jts (62.40')  
 TOTAL STRING LENGTH: EOT @ 5761.00' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22"  
 SUCKER RODS: 1-4", 3/4" ponies, 99- 3/4" scraped rods, 112-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weighted rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" 4" x 17" RHAC w/ SM plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5'

**FRAC JOB**

4-7-05 5655-5695' **Frac CP4 sand as follows:**  
 70109# s 20/40 sand in 565 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1765 psi  
 w/avg rate of 24.6 BPM. ISIP 2150 psi. Calc  
 flush: 5653 gal. Actual flush: 5712 gal.

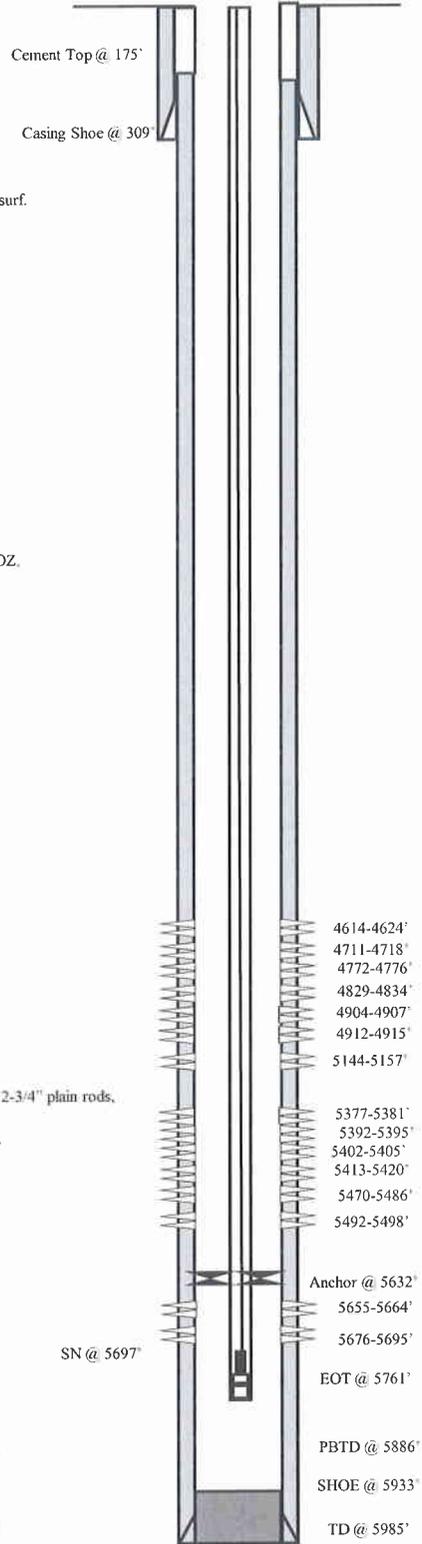
4-7-05 5392-5498' **Frac CP1 & LODC sand as follows:**  
 149552# s 20/40 sand in 1025 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1685 psi  
 w/avg rate of 24.3 BPM. ISIP 2000 psi. Calc  
 flush: 5390 gal. Actual flush: 5376 gal.

4-7-05 5144-5157' **Frac LODC, sand as follows:**  
 49887# s 20/40 sand in 430 bbls Lightning  
 17 frac fluid. Treated @ avg press of 2253 psi  
 w/avg rate of 24.7 BPM. ISIP 2060 psi. Calc  
 flush: 5142 gal. Actual flush: 5124 gal.

4-8-05 4711-4915' **Frac C, B.5, B2, A5, sand as follows:**  
 74587# s 20/40 sand in 571 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1490 psi  
 w/avg rate of 24.7 BPM. ISIP 1770 psi. Calc  
 flush: 4709 gal. Actual flush: 4746 gal.

4-8-05 4614-4624' **Frac D2, sand as follows:**  
 11246# s 20/40 sand in 210 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1648 psi  
 w/avg rate of 24.9 BPM. ISIP 1660 psi. Calc  
 flush: 4612 gal. Actual flush: 4536 gal.

06/30/05 Pump Change. Update rod and tubing detail.



**PERFORATION RECORD**

| Date    | Interval   | Tool   | Holes    |
|---------|------------|--------|----------|
| 3-24-05 | 5655-5664' | 4 JSPF | 36 holes |
| 3-24-05 | 5676-5695' | 4 JSPF | 76 holes |
| 4-7-05  | 5392-5395' | 4 JSPF | 12 holes |
| 4-7-05  | 5402-5405' | 4 JSPF | 2 holes  |
| 4-7-05  | 5413-5420' | 4 JSPF | 28 holes |
| 4-7-05  | 5470-5486' | 4 JSPF | 64 holes |
| 4-7-05  | 5492-5498' | 4 JSPF | 24 holes |
| 4-7-05  | 5377-5381' | 4 JSPF | 16 holes |
| 4-7-05  | 5144-5157' | 4 JSPF | 52 holes |
| 4-7-05  | 4711-4718' | 4 JSPF | 28 holes |
| 4-7-05  | 4772-4776' | 4 JSPF | 16 holes |
| 4-7-05  | 4829-4834' | 4 JSPF | 20 holes |
| 4-7-05  | 4904-4907' | 4 JSPF | 12 holes |
| 4-7-05  | 4912-4915' | 4 JSPF | 12 holes |
| 4-8-05  | 4614-4624' | 4 JSPF | 40 holes |

**NEWFIELD**

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**Ashley Federal 16-23-9-15**  
 545' FSL & 565' FEL  
 SE/SE Section 23-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32425; Lease #UTU-19222

## Ashley Federal #12-24R-9-15

Formerly Castle Peak Unit #2

Wellbore Diagram

Initial Production: 32 BOPD,  
30 MCFPD, 4 BWPD

Spud Date: 12/15/62  
GL: 6275' KB: 6288'  
Plugged & Abandoned 8/14/71  
Re-Entered: 8/19/96  
POP: 9/6/96

### SURFACE CASING

CSG SIZE: 13-3/8"  
GRADE: ?  
WEIGHT: 48#  
LENGTH: ? jts. (211.89)  
DEPTH LANDED: 210'  
HOLE SIZE: 17-1/2"  
CEMENT DATA: 300 Sx in place

### PRODUCTION CASING

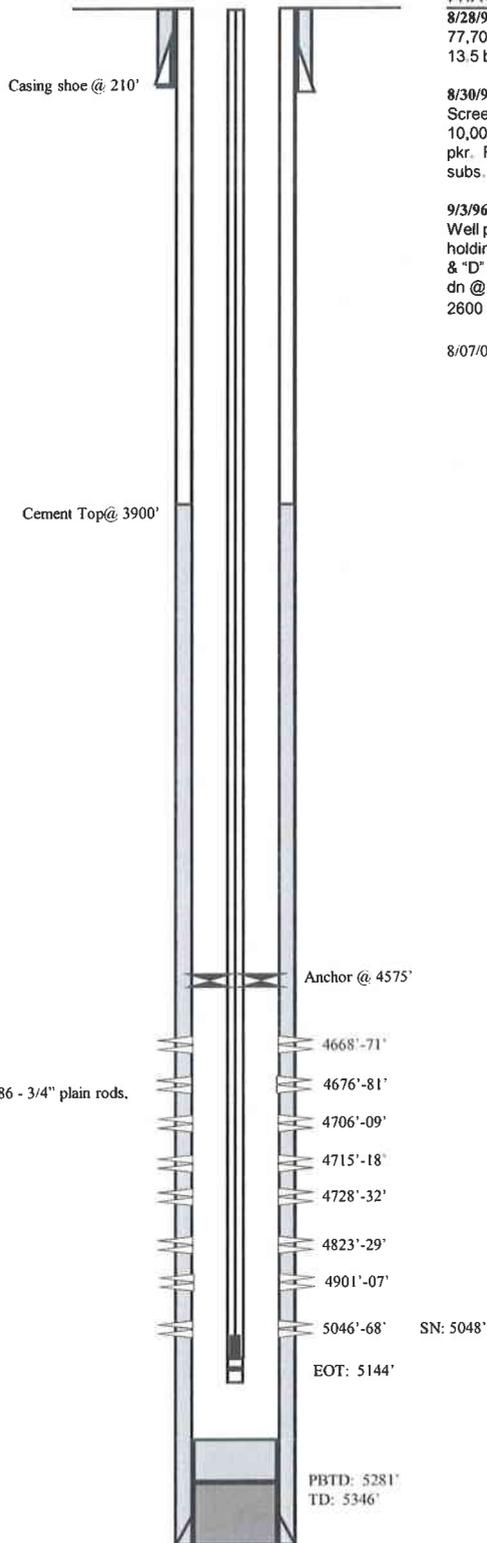
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: ?  
DEPTH LANDED: 5346'  
HOLE SIZE: ?  
CEMENT DATA: 520 Sx  
CEMENT TOP AT: 3900'

### TUBING

SIZE/GRADE/WT.: 2-7/8" 6.5# M-50  
NO. OF JOINTS: 146 jts. (4564.71')  
TUBING ANCHOR: 4575.71' KB  
NO. OF JOINTS: 15 jts. (469.95')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5048.46' KB  
NO. OF JOINTS: 3 jts. (93.99')  
TOTAL STRING LENGTH: 5144.00' KB

### SUCKER RODS

POLISHED ROD: 1-1/2 x 22' polished  
SUCKER RODS: 6- 1 1/2" wt. rods, 10- 3/4" scraper rods, 86 - 3/4" plain rods,  
99 - 3/4" scraper rods, 1-2', 1-8' x 3/4" pony rods.  
PUMP SIZE: 2-1/2 x 1-1/2 x 15 RHAC  
STROKE LENGTH: 74"  
PUMP SPEED, SPM: 5 SPM  
LOGS: CBL (5282' - 3900')



### FRAC JOB

8/28/96 5046'-5068' A-3 Sand  
77,700# of 20/40 sd in 395 bbls of Boragel. Treated @ ave rate of 13.5 bpm w/ave press of 3800 psi. ISIP: 2086 psi.

8/30/96 4823'-4907' A-0.5/B-2 Sand  
Screened out w/6.5# sd @ perms w/14,000# of sd in formation & 10,000# of sd in tbg. Total fluid pmpd: 194 bbls Boragel. Release pkr. Reverse circ sd laden fluid out of tbg. Circ well clean. LD subs. Set pkr.

9/3/96 4668'-4732' C/D Sand  
Well pmpd 1400 gals off pad, tbg started to pmp out of hole (pkr not holding). SD. TOH w/pkr. NU tree saver. RU Halliburton & frac "C" & "D" sd dn tbg w/75,200# of 20/40 sd in 463 bbls of Boragel. Break dn @ 2892 psi. Treated @ ave rate of 30.2 bpm w/ave press of 2600 psi. ISIP: 2989 psi.

8/07/02 Pump change. Update rod and tubing details.

### PERFORATION RECORD

| Date    | Depth Range | Tool   | Holes    |
|---------|-------------|--------|----------|
| 8-27-96 | 5046'-5068' | 4 JSPF | 88 holes |
| 8-29-96 | 4901'-4907' | 4 JSPF | 24 holes |
| 8-29-96 | 4823'-4829' | 4 JSPF | 24 holes |
| 8-31-96 | 4728'-4732' | 4 JSPF | 16 holes |
| 8-31-96 | 4715'-4718' | 4 JSPF | 12 holes |
| 8-31-96 | 4706'-4709' | 4 JSPF | 12 holes |
| 8-31-96 | 4676'-4681' | 4 JSPF | 20 holes |
| 8-31-96 | 4668'-4671' | 4 JSPF | 12 holes |



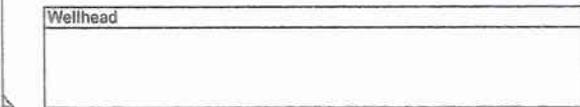
Ashley Federal #12-24R-9-15  
2037 FSL & 444 FWL  
NWSW Section 24-T9S-R15E  
Duchesne Co, Utah  
API #43-013-15782; Lease #U-02458

GMB 14-14T-9-15H

Wellbore Diagram



Surface Location: NE/NW, Sec 16, T9S R16E  
 County/State: Greater Monument Butte, Duchesne County, Utah  
 Elevation: 5847' GL + 12' KB API: 43013550242



| Casing Detail      | Size   | Wt.   | Grade | Conn. | Top   | Bottom | Burst  | Collapse | ID    | Drift | bbf/ft | Hole   | TOC                    |
|--------------------|--------|-------|-------|-------|-------|--------|--|----------|-------|-------|--------|--------|------------------------|
| 8-5/8" Casing Shoe |        |       |       |       |       |        |  |          |       |       |        |        |                        |
| Surface            | 8-5/8" | 24#   | J-55  | LTC   | 0     | 311    |  |          |       |       |        |        | Surface                |
| Production         | 5-1/2" | 17#   | M-80  | LTC   | 0     | 6,300  | 7,740  | 7,020    | 4,892 | 4,767 | 0.0233 | 7-7/8" | Port Collar to Surface |
| Production         | 4-1/2" | 11.6# | P-110 | LTC   | 6,300 | 10,630 | 7,774  | 8,510    | 4,000 | 3,875 | 0.0155 | 6-1/8" |                        |
|                    |        |       |       |       | TVD   | 5,828  | burst & collapse values are book; no additional safety factors have been applied |          |       |       |        |        |                        |

| Tubing Detail  | Size | Wt. | Grade | Conn. | Length | Top | Bottom | Joints |
|--|------|-----|-------|-------|--------|-----|--------|--------|
| <b>TBG DETAIL:</b><br>bullplug, 3 jts tubing, 21' cavins Desander, 2-7/8" sub, 1 jt 2-7/8" tubing, SN, 1 jt 2-7/8" tubing, TAC, and remaining 185 jts of 2-7/8" tubing. TA @ 5,806'. SN @ 5,839'. EOT @ 5,985'<br>NOTE on Tubing Anchor: TA (shortened inner springs & beveled outer springs--4.625" OD) |      |     |       |       |        |     |        |        |

**WELLBORE FLUIDS**  
 Lateral section fluid = +8.4 ppg "clean" fresh water  
 Uphole annulus has 10ppg mudweight prior to cementing

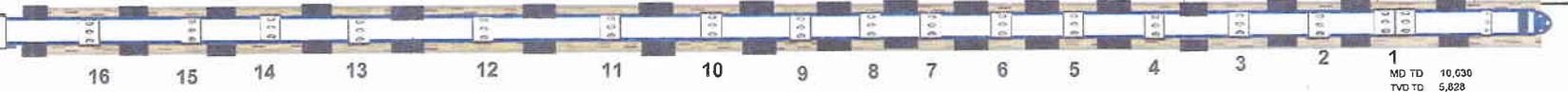
10/14/11 Tubing Log  
 178 joints 5561.4' / 1 joint 31.4' Seating nipple 5609.2' / 1 joint 31.4' / Total string length 5654'  
 RODS  
 1 x 1/2" x 26' polished rod, 1 x 7/8" x 2' pony rod, 1 x 7/8" x 2' pony rod, 1 x 1/8" x 6' pony rod, 1 x 1/2" x 48' pony rod,  
 co-rod x 7/8" x 5500' 1 x 7/8" x 4' pony rod, 1 on/off tool D.7.1 1 x sub 1" x 2'

| Rod Detail   | Size | Grade | Count | Length | Top | Bottom |
|--|------|-------|-------|--------|-----|--------|
| <b>Pump and Rod Detail:</b><br>WFD MacGyver 3 pump with spring loaded cages, 2-1/2"x1-3/4" x22"x25"x29" RHBC pump x , on/off tool, 4"x7/8" guided rod sub, 5789' x SE 4 corod, 4,4,6,6' x 7/8" pony subs, 1 1/2" x 26' polished rod<br>NOTE on Pump: with CoRod, must have Clutch (on/off tool) installed. |      |       |       |        |     |        |

UPDATED ROD & TUBING INFORMATION  
 10/28/2011 VC

| Proposed Frac Data  | Weatherford 16 Stage Zone Select frac system |                 |   |                     |                     |                           |                        |                  |                  | Prop type/ size          | Prop Vol (lbs) | Total Clean Vol (bbls) |  |
|---------------------|--|-----------------|---|---------------------|---------------------|---------------------------|------------------------|------------------|------------------|--------------------------|----------------|------------------------|--|
|                     | Top  | Bottom          | Depth   | Ball OD (in.)       | Seat ID (in.)       | Vol. to Seat (bbl)        | Actual Vol. (bbl)      | Difference (bbl) | Ball Action (ΔP) |                          |                |                        |  |
| OH swell packer 1   | 10,615                                       | 10,627          | float collar, and casing shoes below this Fracris swell packer, total installation at 10,630'. And Open Hole TMD = 10,650 |                     |                     |                           |                        |                  |                  |                          |                |                        |  |
| Stage 1             | 10,470                                       | 10,615          | Dual Hydraulic Depth 10,551   | Ball OD (in.) NA    | Seat ID (in.) NA    | Vol. to Seat (bbl) 212.79 | Actual Vol. (bbl) NA   | Difference (bbl) | Ball Action (ΔP) | 100 mesh sand 19,894     | 1,892          |                        |  |
| OH swell packer 2   | 10,458                                       | 10,470          | Weatherford OH Fracris water swell packer   |                     |                     |                           |                        |                  |                  | 100 mesh sand 29,646     | 2,798          |                        |  |
| Stage 2             | 10,208                                       | 10,458          | FracPort 2: Depth 10,329  | Ball OD (in.) 1,390 | Seat ID (in.) 1,290 | Vol. to Seat (bbl) 209.35 | Actual Vol. (bbl) 0.00 | Difference (bbl) | Ball Action (ΔP) | 30/50 mesh sand 24,042   |                |                        |  |
| OH swell packer 3   | 10,196                                       | 10,208          | Weatherford OH Fracris water swell packer   |                     |                     |                           |                        |                  |                  | 100 mesh sand 28,832     | 2,287          |                        |  |
| Stage 3             | 9,914  | 10,196          | FracPort 3: Depth 10,072  | Ball OD (in.) 1,500 | Seat ID (in.) 1,410 | Vol. to Seat (bbl) 206.58 | Actual Vol. (bbl) 0.00 | Difference (bbl) | Ball Action (ΔP) | 30/50 mesh sand 24,517   |                |                        |  |
| OH swell packer 4   | 9,944  | 9,956           | Weatherford OH Fracris water swell packer   |                     |                     |                           |                        |                  |                  | 100 mesh sand 31,584     | 2,235          |                        |  |
| Stage 4             | 9,663  | 9,944           | FracPort 4: Depth 9,816   | Ball OD (in.) 1,625 | Seat ID (in.) 1,530 | Vol. to Seat (bbl) 201.45 | Actual Vol. (bbl) 0.00 | Difference (bbl) | Ball Action (ΔP) | 30/50 mesh sand 28,064   |                |                        |  |
| OH swell packer 5   | 9,651  | 9,663           | Weatherford OH Fracris water swell packer   |                     |                     |                           |                        |                  |                  | 100 mesh sand 31,484     | 2,127          |                        |  |
| Stage 5             | 9,411  | 9,651           | FracPort 5: Depth 9,526   | Ball OD (in.) 1,750 | Seat ID (in.) 1,650 | Vol. to Seat (bbl) 196.93 | Actual Vol. (bbl) 0.00 | Difference (bbl) | Ball Action (ΔP) | 30/50 mesh sand 28,619   |                |                        |  |
| OH swell packer 6   | 9,399  | 9,411           | Weatherford OH Fracris water swell packer   |                     |                     |                           |                        |                  |                  | 100 mesh sand 31,270     | 2,181          |                        |  |
| Stage 6             | 9,118  | 9,399           | FracPort 6: Depth 9,274   | Ball OD (in.) 1,875 | Seat ID (in.) 1,770 | Vol. to Seat (bbl) 193.03 | Actual Vol. (bbl) 0.00 | Difference (bbl) | Ball Action (ΔP) | 30/50 mesh sand 28,568   |                |                        |  |
| OH swell packer 7   | 9,106  | 9,118           | Weatherford OH Fracris water swell packer   |                     |                     |                           |                        |                  |                  | 100 mesh sand 31,477     | 2,089          |                        |  |
| Stage 7             | 8,884  | 9,106           | FracPort 7: Depth 8,980   | Ball OD (in.) 2,000 | Seat ID (in.) 1,920 | Vol. to Seat (bbl) 188.45 | Actual Vol. (bbl) 0.00 | Difference (bbl) | Ball Action (ΔP) | 30/50 mesh sand 28,860   |                |                        |  |
| OH swell packer 8   | 8,852  | 8,864           | Weatherford OH Fracris water swell packer   |                     |                     |                           |                        |                  |                  | 100 mesh sand 31,566     | 2,147          |                        |  |
| Stage 8             | 8,575  | 8,852           | FracPort 8: Depth 8,729   | Ball OD (in.) 2,125 | Seat ID (in.) 2,080 | Vol. to Seat (bbl) 184.59 | Actual Vol. (bbl) 0.00 | Difference (bbl) | Ball Action (ΔP) | 30/50 mesh sand 29,279   |                |                        |  |
| OH swell packer 9   | 8,563  | 8,575           | Weatherford OH Fracris water swell packer   |                     |                     |                           |                        |                  |                  | 100 mesh sand 31,370     | 2,449          |                        |  |
| Stage 9             | 8,284  | 8,563           | FracPort 9: Depth 8,440   | Ball OD (in.) 2,250 | Seat ID (in.) 2,210 | Vol. to Seat (bbl) 180.12 | Actual Vol. (bbl) 0.00 | Difference (bbl) | Ball Action (ΔP) | 30/50 mesh sand 28,754   |                |                        |  |
| OH swell packer 10  | 8,272  | 8,284           | Weatherford OH Fracris water swell packer   |                     |                     |                           |                        |                  |                  | 100 mesh sand 0          | 1,260          |                        |  |
| Stage 10            | 8,030  | 8,272           | FracPort 10: Depth 8,147  | Ball OD (in.) 2,375 | Seat ID (in.) 2,380 | Vol. to Seat (bbl) 175.58 | Actual Vol. (bbl) 0.00 | Difference (bbl) | Ball Action (ΔP) | 30/50 mesh sand 4,022    |                |                        |  |
| OH swell packer 11  | 8,018  | 8,030           | Weatherford OH Fracris water swell packer   |                     |                     |                           |                        |                  |                  | 100 mesh sand 29,874     | 2,340          |                        |  |
| Stage 11            | 7,742  | 8,018           | FracPort 11: Depth 7,897  | Ball OD (in.) 2,500 | Seat ID (in.) 2,500 | Vol. to Seat (bbl) 171.72 | Actual Vol. (bbl) 0.00 | Difference (bbl) | Ball Action (ΔP) | 30/50 mesh sand 29,857   |                |                        |  |
| OH swell packer 12  | 7,730  | 7,742           | Weatherford OH Fracris water swell packer   |                     |                     |                           |                        |                  |                  | 100 mesh sand 31,133     | 2,145          |                        |  |
| Stage 12            | 7,449  | 7,730           | FracPort 12: Depth 7,605  | Ball OD (in.) 2,625 | Seat ID (in.) 2,650 | Vol. to Seat (bbl) 167.20 | Actual Vol. (bbl) 0.00 | Difference (bbl) | Ball Action (ΔP) | 30/50 mesh sand 28,111   |                |                        |  |
| OH swell packer 13  | 7,437  | 7,449           | Weatherford OH Fracris water swell packer   |                     |                     |                           |                        |                  |                  | 100 mesh sand 31,853     | 2,081          |                        |  |
| Stage 13            | 7,192  | 7,437           | FracPort 13: Depth 7,313  | Ball OD (in.) 2,750 | Seat ID (in.) 2,800 | Vol. to Seat (bbl) 162.68 | Actual Vol. (bbl) 0.00 | Difference (bbl) | Ball Action (ΔP) | 30/50 mesh sand 28,251   |                |                        |  |
| OH swell packer 14  | 7,180  | 7,192           | Weatherford OH Fracris water swell packer   |                     |                     |                           |                        |                  |                  | 100 mesh sand 31,142     | 2,117          |                        |  |
| Stage 14            | 6,894  | 7,180           | FracPort 14: Depth 7,056  | Ball OD (in.) 2,875 | Seat ID (in.) 2,950 | Vol. to Seat (bbl) 158.70 | Actual Vol. (bbl) 0.00 | Difference (bbl) | Ball Action (ΔP) | 30/50 mesh sand 28,140   |                |                        |  |
| OH swell packer 15  | 6,882  | 6,894           | Weatherford OH Fracris water swell packer   |                     |                     |                           |                        |                  |                  | 100 mesh sand 36,377     | 2,985          |                        |  |
| Stage 15            | 6,633  | 6,882           | FracPort 15: Depth 6,757  | Ball OD (in.) 3,000 | Seat ID (in.) 3,140 | Vol. to Seat (bbl) 154.07 | Actual Vol. (bbl) 0.00 | Difference (bbl) | Ball Action (ΔP) | 30/50 mesh sand 40,293   |                |                        |  |
| OH swell packer 16  | 6,621  | 6,633           | Weatherford OH Fracris water swell packer   |                     |                     |                           |                        |                  |                  | 100 mesh sand 52,784     | 3,843          |                        |  |
| Stage 16            | 6,382  | 6,621           | FracPort 16: Depth 6,495  | Ball OD (in.) 3,125 | Seat ID (in.) 3,340 | Vol. to Seat (bbl) 149.98 | Actual Vol. (bbl) 0.00 | Difference (bbl) | Ball Action (ΔP) | 30/50 mesh sand 61,265   |                |                        |  |
| OH swell packer 17  | 6,345  | 6,352           | Weatherford OH Fracris water swell packer   |                     |                     |                           |                        |                  |                  | Total Clean (bbl) 37,526 |                |                        |  |
| ACP packer          | 5,427  | 5,432           | Weatherford Annulus Casing Packer (ACP), Hydraulically set at 2,700psi  |                     |                     |                           |                        |                  |                  |                          |                |                        |  |
| ACP packer          | 5,417  | 5,422           | Weatherford Annulus Casing Packer (ACP), Hydraulically set at 2,700psi  |                     |                     |                           |                        |                  |                  |                          |                |                        |  |
| Lat Length          |  | 4,283           |   |                     |                     |                           |                        |                  |                  |                          |                |                        |  |
| Total Stim. Lateral |  | 4,283           |   |                     |                     |                           |                        |                  |                  |                          |                |                        |  |
| Avg. Stage Length   |  | 266             | *between packers  |                     |                     |                           |                        |                  |                  |                          |                |                        |  |
| Sand Total          |  | 100 mesh sand   | 478,495   |                     |                     |                           |                        |                  |                  |                          |                |                        |  |
|                     |  | 30/50 mesh sand | 456,545   |                     |                     |                           |                        |                  |                  |                          |                |                        |  |

5.9 x 4.5X ID 6,300



MD TD 10,630  
 TVD TD 5,828

10f4

**Multi-Chem Analytical Laboratory**

1553 East Highway 40

Vernal, UT 84078

Units of Measurement: **Standard**

### Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**

Sales Rep: **Michael McBride**

Well Name: **ASHLEY INJECTION**

Lab Tech: **Gary Peterson**

Sample Point: **After Filters**

Sample Date: **11/28/2012**

Sample ID: **WA-229120**

Scaling potential predicted using ScaleSoftPitzer from  
Brine Chemistry Consortium (Rice University)

| Sample Specifics                  |            | Analysis @ Properties in Sample Specifics |         |   |         |
|-----------------------------------|------------|---|---------|---|---------|
| Test Date:                        | 11/28/2012 | <i>Cations</i>                            |         | <i>Anions</i>   |         |
| System Temperature 1 (°F):        | 120.00     | <i>mg/L</i>                               |         | <i>mg/L</i>   |         |
| System Pressure 1 (psig):         | 2000.0000  | Sodium (Na):                              | 4326.55 | Chloride (Cl):  | 6000.00 |
| System Temperature 2 (°F):        | 210.00     | Potassium (K):                            | 56.00   | Sulfate (SO <sub>4</sub> ):                             | 280.00  |
| System Pressure 2 (psig):         | 2000.0000  | Magnesium (Mg):                           | 16.90   | Bicarbonate (HCO <sub>3</sub> ):                        | 1112.00 |
| Calculated Density (g/ml):        | 1.005      | Calcium (Ca):                             | 41.20   | Carbonate (CO <sub>3</sub> ):                           |         |
| pH:                               | 8.20       | Strontium (Sr):                           |         | Acetic Acid (CH <sub>3</sub> COO)                       |         |
| Calculated TDS (mg/L):            | 11840.06   | Barium (Ba):                              | 2.10    | Propionic Acid (C <sub>2</sub> H <sub>5</sub> COO)      |         |
| CO <sub>2</sub> in Gas (%):       |            | Iron (Fe):                                | 4.80    | Butanoic Acid (C <sub>3</sub> H <sub>7</sub> COO)       |         |
| Dissolved CO <sub>2</sub> (mg/L): | 11.80      | Zinc (Zn):                                | 0.34    | Isobutyric Acid ((CH <sub>3</sub> ) <sub>2</sub> CHCOO) |         |
| H <sub>2</sub> S in Gas (%):      |            | Lead (Pb):                                | 0.00    | Fluoride (F):   |         |
| H <sub>2</sub> S in Water (mg/L): | 0.00       | Ammonia NH <sub>3</sub> :                 |         | Bromine (Br):   |         |
|                                   |            | Manganese (Mn):                           | 0.17    | Silica (SiO <sub>2</sub> ):                             |         |

**Notes:**

(PTB = Pounds per Thousand Barrels)

| Temp (°F) | PSI     | Calcium Carbonate |       | Barium Sulfate |      | Iron Sulfide |      | Iron Carbonate |      | Gypsum CaSO <sub>4</sub> ·2H <sub>2</sub> O |      | Celestite SrSO <sub>4</sub> |      | Halite NaCl |      | Zinc Sulfide |      |
|-----------|---------|-------------------|-------|----------------|------|--------------|------|----------------|------|---|------|-----------------------------|------|-------------|------|--------------|------|
|           |         | SI                | PTB   | SI             | PTB  | SI           | PTB  | SI             | PTB  | SI  | PTB  | SI                          | PTB  | SI          | PTB  | SI           | PTB  |
| 210.00    | 2000.00 | 1.36              | 31.13 | 0.67           | 0.98 | 0.00         | 0.00 | 2.46           | 3.48 | 0.00  | 0.00 | 0.00                        | 0.00 | 0.00        | 0.00 | 0.00         | 0.00 |
| 200.00    | 2000.00 | 1.31              | 30.38 | 0.68           | 0.99 | 0.00         | 0.00 | 2.41           | 3.48 | 0.00  | 0.00 | 0.00                        | 0.00 | 0.00        | 0.00 | 0.00         | 0.00 |
| 190.00    | 2000.00 | 1.26              | 29.58 | 0.70           | 1.00 | 0.00         | 0.00 | 2.35           | 3.47 | 0.00  | 0.00 | 0.00                        | 0.00 | 0.00        | 0.00 | 0.00         | 0.00 |
| 180.00    | 2000.00 | 1.21              | 28.71 | 0.72           | 1.01 | 0.00         | 0.00 | 2.30           | 3.47 | 0.00  | 0.00 | 0.00                        | 0.00 | 0.00        | 0.00 | 0.00         | 0.00 |
| 170.00    | 2000.00 | 1.16              | 27.79 | 0.75           | 1.03 | 0.00         | 0.00 | 2.24           | 3.47 | 0.00  | 0.00 | 0.00                        | 0.00 | 0.00        | 0.00 | 0.00         | 0.00 |
| 160.00    | 2000.00 | 1.11              | 26.84 | 0.78           | 1.04 | 0.00         | 0.00 | 2.19           | 3.47 | 0.00  | 0.00 | 0.00                        | 0.00 | 0.00        | 0.00 | 0.00         | 0.00 |
| 150.00    | 2000.00 | 1.07              | 25.86 | 0.82           | 1.06 | 0.00         | 0.00 | 2.13           | 3.46 | 0.00  | 0.00 | 0.00                        | 0.00 | 0.00        | 0.00 | 0.00         | 0.00 |
| 140.00    | 2000.00 | 1.02              | 24.88 | 0.86           | 1.08 | 0.00         | 0.00 | 2.07           | 3.46 | 0.00  | 0.00 | 0.00                        | 0.00 | 0.00        | 0.00 | 0.00         | 0.00 |
| 130.00    | 2000.00 | 0.98              | 23.89 | 0.91           | 1.10 | 0.00         | 0.00 | 2.01           | 3.45 | 0.00  | 0.00 | 0.00                        | 0.00 | 0.00        | 0.00 | 0.00         | 0.00 |
| 120.00    | 2000.00 | 0.95              | 22.92 | 0.96           | 1.11 | 0.00         | 0.00 | 1.95           | 3.45 | 0.00  | 0.00 | 0.00                        | 0.00 | 0.00        | 0.00 | 0.00         | 0.00 |

| Temp (°F) | PSI     | Hemihydrate CaSO <sub>4</sub> ·0.5H <sub>2</sub> O |      | Anhydrate CaSO <sub>4</sub> |      | Calcium Fluoride |      | Zinc Carbonate |      | Lead Sulfide |      | Mg Silicate |      | Ca Mg Silicate |      | Fe Silicate |      |
|-----------|---------|--|------|-----------------------------|------|------------------|------|----------------|------|--------------|------|-------------|------|----------------|------|-------------|------|
|           |         | SI   | PTB  | SI                          | PTB  | SI               | PTB  | SI             | PTB  | SI           | PTB  | SI          | PTB  | SI             | PTB  | SI          | PTB  |
| 210.00    | 2000.00 | 0.00   | 0.00 | 0.00                        | 0.00 | 0.00             | 0.00 | 1.42           | 0.22 | 0.00         | 0.00 | 0.00        | 0.00 | 0.00           | 0.00 | 0.00        | 0.00 |
| 200.00    | 2000.00 | 0.00   | 0.00 | 0.00                        | 0.00 | 0.00             | 0.00 | 1.33           | 0.22 | 0.00         | 0.00 | 0.00        | 0.00 | 0.00           | 0.00 | 0.00        | 0.00 |
| 190.00    | 2000.00 | 0.00   | 0.00 | 0.00                        | 0.00 | 0.00             | 0.00 | 1.25           | 0.21 | 0.00         | 0.00 | 0.00        | 0.00 | 0.00           | 0.00 | 0.00        | 0.00 |
| 180.00    | 2000.00 | 0.00   | 0.00 | 0.00                        | 0.00 | 0.00             | 0.00 | 1.15           | 0.21 | 0.00         | 0.00 | 0.00        | 0.00 | 0.00           | 0.00 | 0.00        | 0.00 |
| 170.00    | 2000.00 | 0.00   | 0.00 | 0.00                        | 0.00 | 0.00             | 0.00 | 1.05           | 0.21 | 0.00         | 0.00 | 0.00        | 0.00 | 0.00           | 0.00 | 0.00        | 0.00 |
| 160.00    | 2000.00 | 0.00   | 0.00 | 0.00                        | 0.00 | 0.00             | 0.00 | 0.95           | 0.20 | 0.00         | 0.00 | 0.00        | 0.00 | 0.00           | 0.00 | 0.00        | 0.00 |
| 150.00    | 2000.00 | 0.00   | 0.00 | 0.00                        | 0.00 | 0.00             | 0.00 | 0.84           | 0.20 | 0.00         | 0.00 | 0.00        | 0.00 | 0.00           | 0.00 | 0.00        | 0.00 |
| 140.00    | 2000.00 | 0.00   | 0.00 | 0.00                        | 0.00 | 0.00             | 0.00 | 0.72           | 0.19 | 0.00         | 0.00 | 0.00        | 0.00 | 0.00           | 0.00 | 0.00        | 0.00 |
| 130.00    | 2000.00 | 0.00   | 0.00 | 0.00                        | 0.00 | 0.00             | 0.00 | 0.60           | 0.17 | 0.00         | 0.00 | 0.00        | 0.00 | 0.00           | 0.00 | 0.00        | 0.00 |
| 120.00    | 2000.00 | 0.00   | 0.00 | 0.00                        | 0.00 | 0.00             | 0.00 | 0.47           | 0.15 | 0.00         | 0.00 | 0.00        | 0.00 | 0.00           | 0.00 | 0.00        | 0.00 |

2014

Multi-Chem Analytical Laboratory

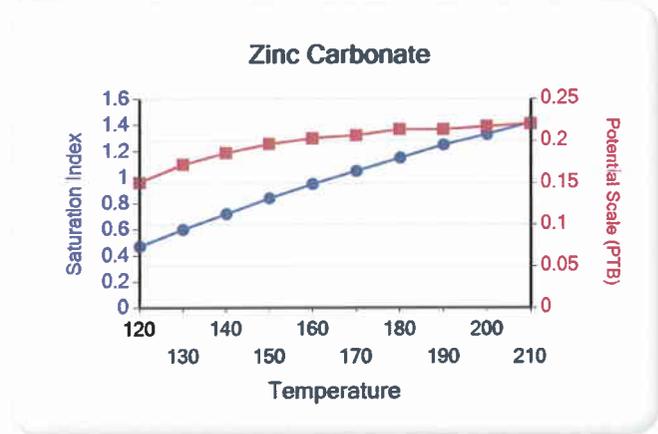
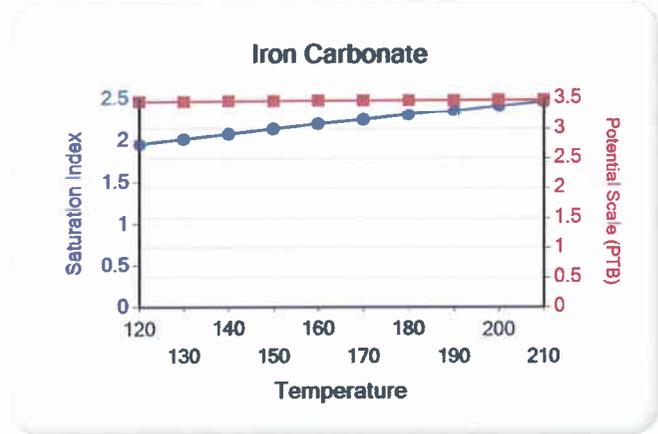
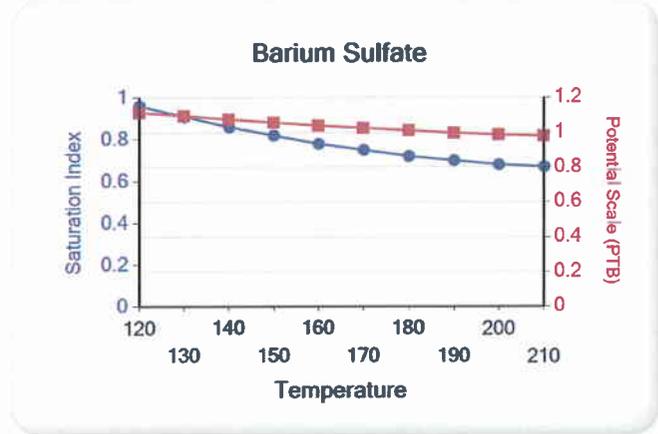
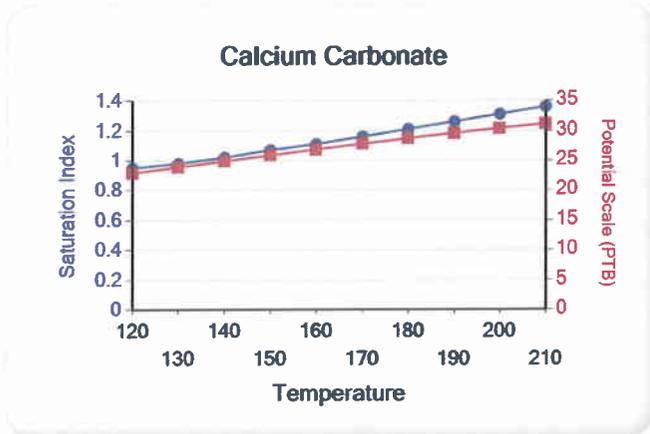
1553 East Highway 40

Vernal, UT 84078

## Water Analysis Report

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Carbonate Zinc Carbonate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Carbonate Zinc Carbonate



Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**  
 Well Name: **ASHLEY 10-23-9-15**  
 Sample Point: **Treater**  
 Sample Date: **1/23/2013**  
 Sample ID: **WA-232852**

Sales Rep: **Michael McBride**  
 Lab Tech: **Layne Wilkerson**

Scaling potential predicted using ScaleSoftPitzer from  
 Brine Chemistry Consortium (Rice University)

| Sample Specifics           |          | Analysis @ Properties in Sample Specifics |         |                               |         |
|----------------------------|----------|---|---------|-------------------------------|---------|
|                            |          | Cations                                   |         | Anions                        |         |
|                            |          | mg/L                                      |         | mg/L                          |         |
| Test Date:                 | 2/1/2013 | Sodium (Na):                              | 4829.49 | Chloride (Cl):                | 7000.00 |
| System Temperature 1 (°F): | 120.00   | Potassium (K):                            | 36.00   | Sulfate (SO4):                | 70.00   |
| System Pressure 1 (psig):  | 60.0000  | Magnesium (Mg):                           | 7.00    | Bicarbonate (HCO3):           | 1268.80 |
| System Temperature 2 (°F): | 210.00   | Calcium (Ca):                             | 24.00   | Carbonate (CO3):              |         |
| System Pressure 2 (psig):  | 60.0000  | Strontium (Sr):                           |         | Acetic Acid (CH3COO)          |         |
| Calculated Density (g/ml): | 1.007    | Barium (Ba):                              | 3.70    | Propionic Acid (C2H5COO)      |         |
| pH:                        | 8.50     | Iron (Fe):                                | 189.00  | Butanoic Acid (C3H7COO)       |         |
| Calculated TDS (mg/L):     | 13431.29 | Zinc (Zn):                                | 0.70    | Isobutyric Acid ((CH3)2CHCOO) |         |
| CO2 in Gas (%):            |          | Lead (Pb):                                | 0.30    | Fluoride (F):                 |         |
| Dissolved CO2 (mg/L):      | 0.00     | Ammonia NH3:                              |         | Bromine (Br):                 |         |
| H2S in Gas (%):            |          | Manganese (Mn):                           | 2.30    | Silica (SiO2):                |         |
| H2S in Water (mg/L):       | 0.00     |   |         |                               |         |

Notes:

(PTB = Pounds per Thousand Barrels)

| Temp (°F) | PSI   | Calcium Carbonate |       | Barium Sulfate |      | Iron Sulfide |      | Iron Carbonate |        | Gypsum CaSO4·2H2O |      | Celestite SrSO4 |      | Halite NaCl |      | Zinc Sulfide |      |
|-----------|-------|-------------------|-------|----------------|------|--------------|------|----------------|--------|-------------------|------|-----------------|------|-------------|------|--------------|------|
|           |       | SI                | PTB   | SI             | PTB  | SI           | PTB  | SI             | PTB    | SI                | PTB  | SI              | PTB  | SI          | PTB  | SI           | PTB  |
| 210.00    | 60.00 | 1.57              | 20.11 | 0.34           | 1.17 | 0.00         | 0.00 | 4.49           | 137.35 | 0.00              | 0.00 | 0.00            | 0.00 | 0.00        | 0.00 | 0.00         | 0.00 |
| 200.00    | 60.00 | 1.52              | 19.99 | 0.35           | 1.21 | 0.00         | 0.00 | 4.44           | 137.33 | 0.00              | 0.00 | 0.00            | 0.00 | 0.00        | 0.00 | 0.00         | 0.00 |
| 190.00    | 60.00 | 1.47              | 19.86 | 0.37           | 1.25 | 0.00         | 0.00 | 4.39           | 137.31 | 0.00              | 0.00 | 0.00            | 0.00 | 0.00        | 0.00 | 0.00         | 0.00 |
| 180.00    | 60.00 | 1.43              | 19.72 | 0.40           | 1.30 | 0.00         | 0.00 | 4.34           | 137.28 | 0.00              | 0.00 | 0.00            | 0.00 | 0.00        | 0.00 | 0.00         | 0.00 |
| 170.00    | 60.00 | 1.38              | 19.57 | 0.42           | 1.36 | 0.00         | 0.00 | 4.29           | 137.25 | 0.00              | 0.00 | 0.00            | 0.00 | 0.00        | 0.00 | 0.00         | 0.00 |
| 160.00    | 60.00 | 1.34              | 19.41 | 0.46           | 1.42 | 0.00         | 0.00 | 4.24           | 137.21 | 0.00              | 0.00 | 0.00            | 0.00 | 0.00        | 0.00 | 0.00         | 0.00 |
| 150.00    | 60.00 | 1.30              | 19.25 | 0.50           | 1.48 | 0.00         | 0.00 | 4.18           | 137.16 | 0.00              | 0.00 | 0.00            | 0.00 | 0.00        | 0.00 | 0.00         | 0.00 |
| 140.00    | 60.00 | 1.26              | 19.07 | 0.54           | 1.55 | 0.00         | 0.00 | 4.13           | 137.10 | 0.00              | 0.00 | 0.00            | 0.00 | 0.00        | 0.00 | 0.00         | 0.00 |
| 130.00    | 60.00 | 1.23              | 18.90 | 0.59           | 1.62 | 0.00         | 0.00 | 4.07           | 137.02 | 0.00              | 0.00 | 0.00            | 0.00 | 0.00        | 0.00 | 0.00         | 0.00 |
| 120.00    | 60.00 | 1.19              | 18.72 | 0.64           | 1.69 | 0.00         | 0.00 | 4.02           | 136.94 | 0.00              | 0.00 | 0.00            | 0.00 | 0.00        | 0.00 | 0.00         | 0.00 |

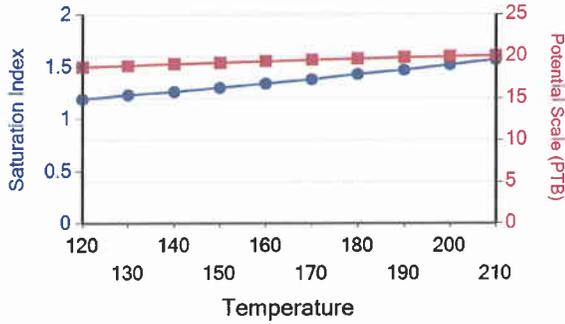
| Temp (°F) | PSI   | Hemihydrate CaSO4·0.5H2O |      | Anhydrate CaSO4 |      | Calcium Fluoride |      | Zinc Carbonate |      | Lead Sulfide |      | Mg Silicate |      | Ca Mg Silicate |      | Fe Silicate |      |
|-----------|-------|--------------------------|------|-----------------|------|------------------|------|----------------|------|--------------|------|-------------|------|----------------|------|-------------|------|
|           |       | SI                       | PTB  | SI              | PTB  | SI               | PTB  | SI             | PTB  | SI           | PTB  | SI          | PTB  | SI             | PTB  | SI          | PTB  |
| 210.00    | 60.00 | 0.00                     | 0.00 | 0.00            | 0.00 | 0.00             | 0.00 | 2.09           | 0.47 | 0.00         | 0.00 | 0.00        | 0.00 | 0.00           | 0.00 | 0.00        | 0.00 |
| 200.00    | 60.00 | 0.00                     | 0.00 | 0.00            | 0.00 | 0.00             | 0.00 | 2.01           | 0.47 | 0.00         | 0.00 | 0.00        | 0.00 | 0.00           | 0.00 | 0.00        | 0.00 |
| 190.00    | 60.00 | 0.00                     | 0.00 | 0.00            | 0.00 | 0.00             | 0.00 | 1.93           | 0.47 | 0.00         | 0.00 | 0.00        | 0.00 | 0.00           | 0.00 | 0.00        | 0.00 |
| 180.00    | 60.00 | 0.00                     | 0.00 | 0.00            | 0.00 | 0.00             | 0.00 | 1.85           | 0.46 | 0.00         | 0.00 | 0.00        | 0.00 | 0.00           | 0.00 | 0.00        | 0.00 |
| 170.00    | 60.00 | 0.00                     | 0.00 | 0.00            | 0.00 | 0.00             | 0.00 | 1.75           | 0.46 | 0.00         | 0.00 | 0.00        | 0.00 | 0.00           | 0.00 | 0.00        | 0.00 |
| 160.00    | 60.00 | 0.00                     | 0.00 | 0.00            | 0.00 | 0.00             | 0.00 | 1.66           | 0.46 | 0.00         | 0.00 | 0.00        | 0.00 | 0.00           | 0.00 | 0.00        | 0.00 |
| 150.00    | 60.00 | 0.00                     | 0.00 | 0.00            | 0.00 | 0.00             | 0.00 | 1.56           | 0.46 | 0.00         | 0.00 | 0.00        | 0.00 | 0.00           | 0.00 | 0.00        | 0.00 |
| 140.00    | 60.00 | 0.00                     | 0.00 | 0.00            | 0.00 | 0.00             | 0.00 | 1.45           | 0.45 | 0.00         | 0.00 | 0.00        | 0.00 | 0.00           | 0.00 | 0.00        | 0.00 |
| 130.00    | 60.00 | 0.00                     | 0.00 | 0.00            | 0.00 | 0.00             | 0.00 | 1.33           | 0.45 | 0.00         | 0.00 | 0.00        | 0.00 | 0.00           | 0.00 | 0.00        | 0.00 |
| 120.00    | 60.00 | 0.00                     | 0.00 | 0.00            | 0.00 | 0.00             | 0.00 | 1.21           | 0.44 | 0.00         | 0.00 | 0.00        | 0.00 | 0.00           | 0.00 | 0.00        | 0.00 |

Water Analysis Report

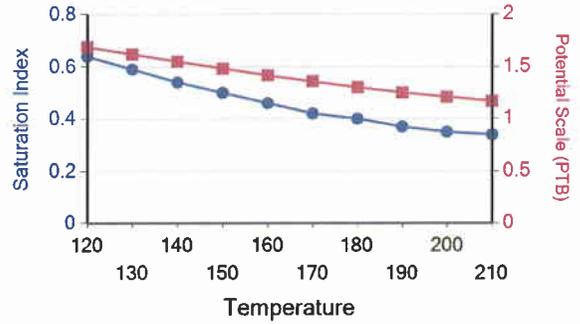
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Carbonate Zinc Carbonate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Carbonate Zinc Carbonate

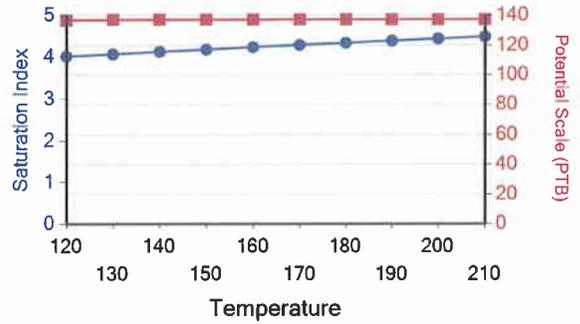
Calcium Carbonate



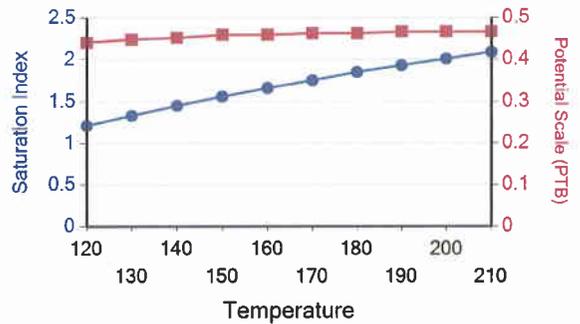
Barium Sulfate



Iron Carbonate



Zinc Carbonate



**Attachment "G"**

**Ashley Federal #10-23-9-15  
Proposed Maximum Injection Pressure**

| Frac Interval<br>(feet) |        | Avg. Depth<br>(feet) | ISIP<br>(psi) | Calculated<br>Frac<br>Gradient<br>(psi/ft) | Pmax               |
|-------------------------|--------|----------------------|---------------|--|--------------------|
| Top                     | Bottom |                      |               |  |                    |
| 5814                    | 5822   | 5818                 | 2078          | 0.79                                       | 2040 ←             |
| 5206                    | 5259   | 5233                 | 2445          | 0.90                                       | 2411               |
| 4968                    | 4977   | 4973                 | 2291          | 0.89                                       | 2259               |
| 4884                    | 4889   | 4887                 | 2354          | 0.91                                       | 2322               |
| 4740                    | 4796   | 4768                 | 2170          | 0.89                                       | 2139               |
|                         |        |                      |               | <b>Minimum</b>                             | <u><u>2040</u></u> |

Calculation of Maximum Surface Injection Pressure  

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

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

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

**PRODUCTION COMPANY**  
**ASHLEY FEDERAL #10-23**  
Daily Completion Report  
NW/SE Sec. 23, T9S, R15E  
Duchesne Co., Utah  
TD: 6048'  
Srfce Spud Date: 6/7/95  
Rotary Spud Date: 6/15/95  
Comp Rig: Temples WS  
API #: 43-013-31519

- 12/5/95 PO: Finish swbg dn. (Day 1)  
Summary: 12/4/95 - MIRU SU. NU BOP's. RU for tbg, PU 5-1/2" csg scraper & 4-3/4" bit. Tally & rabbit & PU 190 jts 2-7/8" tbg. Tag PBTB @ 6001'. Tst csg to 3000#, held good. TOH w/tbg, swb csg dn to 2000'. Drain pmp & lines. SDFN.  
DC: \$3,630 TWC: \$161,754
- 12/6/95 PO: Prep to frac Castle Peak. (Day 2)  
Summary: 12/5/95 - Finish swbg FL to 5300'. TOH w/tbg, bit & scraper. RU Dresser Atlas & **Perf Castle Peak 5814-5822' w/4 jspf.** TIH w/tbg to 5860'. RU swb, IFL 5300'. Pull 5 runs, rec 7 BW. FFL 5800'. SDFN.  
DC: \$3,385 TWC: \$165,139
- 12/7/95 PO: WL RIH set RBP. (Day 3)  
Summary: 12/6/95 - TP: 0 psi, CP: 0 psi. RU swb, IFL @ 5600' (200' fillup). Pull 1 run, rec no fluid. TOH w/tbg. RU Halliburton & frac CP-3 w/54,500# 20/40 sd in 547 bbls Boragel @ avg 26 BPM, 2200 psi. ISIP: 2078 psi, 5 min: 1982 psi, 10 min: 1895 psi. Flowback @ 1 BPM on 12/64" ck for 2-1/2 hrs & died. Rec 135 BW. SDFN. Est 408 BLWTBR.  
DC: \$19,625 TWC: \$184,764
- 12/8/95 PO: Fish 4" perf gun. (Day 4)  
Summary: 12/7/95 - CP: 0 psi. ND tree saver. RU Dresser Atlas & set RBP @ 5420'. Press tst plug & csg to 3000 psi - OK. Dump 1 bail 1 sk sd on RBP. TIH w/tbg to 5360'. Swb FL dn to 3200' (rec 65 BW) then parted sd line (left swb cup/mandrel & ± 300' line in hole). TOH w/tbg & rec line & swb. RU Dresser Atlas & **perf LDC 5206-5218 & 5234-5259'.** Lost 4" csg gun in hole after 2nd run. TIH w/tbg to 620'. SDFN. Est 343 BLWTBR.  
DC: \$6,835 TWC: \$191,599
- 12/9/95 PO: TIH w/RBP. (Day 5)  
Summary: 12/8/95 - TP: 0 psi, CP: 0 psi. TOH w/tbg. PU & TIH overshot. TIH to perf gun. Work overshot onto fish. TOH, LD gun & overshot. TIH w/tbg to 5263'. RU swb. IFL 3100'. Made 6 runs, rec 27 bbls fluid. TOH w/tbg. NU tree saver. RU Halliburton & frac w/31,357 gal Boragel in 113,300# 20/40 sd. Start flowback after 10 min. SI @ 1 BPM on 12/64" ck. Flowed for 7 hrs, rec 400 bbls fluid & died. (Frac fluid no oil, no gas). SDFN. Est 663 BLWTBR.  
DC: \$26,945 TWC: \$218,544

20f4

## INLAND PRODUCTION COMPANY

## ASHLEY FEDERAL #10-23

Daily Completion Report  
 NW/SE Sec. 23, T9S, R15E  
 Duchesne Co., Utah  
 TD: 6048'  
 Srfce Spud Date: 6/7/95  
 Rotary Spud Date: 6/15/95  
 Comp Rig: Temples WS  
 API #: 43-013-31519  
 Page Two

- 12/10/95 PO: Swb csg dn. (Day 6)  
 Summary: 12/9/95 - TP: 0 psi, CP: 0 psi. ND tree saver. RU Dresser Atlas. TIH set 5-1/2 RBP @ 5120'. TIH dump 1 sk sd on plug w/bailer. RD WL. TIH w/tbg to 4980'. RU swb. IFL @ surf, rec 92 bbls fluid, FFL @ 4400'. TOH w/tbg. RU Dresser Atlas. TIH w/4" csg gun **perf "A" sd 4968-4977' w/4 jspf**. RD WL. TIH w/tbg to 4980'. SDFN. Est 571 BLWTBR.  
 DC: \$4,265 TWC: \$222,809
- 12/11/95 SD for Sunday.
- 12/12/95 PO: TIH w/RBP. (Day 7)  
 Summary: 12/11/95 - SIP: 50 psi. TIH w/swb. IFL 4400'. Rec 5.8 bbls in 3 runs. FFL 4800'. RD swb. TOH w/tbg. NU tree saver. RU Halliburton & frac w/21,200# 20/40 sd in 286 bbls Boragel. Flow back @ 1 BPM on 12/64" ck. Flowed for 2 hrs & died. Rec 120 bbls fluid. SDFN. Est 731 BLWTBR.  
 DC: \$15,190 TWC: \$237,999
- 12/13/95 PO: (Day 8)  
 Summary: 12/12/95 - TP: 0 psi, CP: 0 psi. ND tree saver. RU Dresser Atlas. TIH w/Halliburton 5-1/2 RBP set @ 4930'. TIH w/dump bailer to 4900'. Had miss-run w/bailer. Cap went off, but didn't drop sd. TOH re-cap bailer. TIH, mis-run again. TOH, recap bailer 3rd time. TIH dump 1 sk sd on plug. RD WL. TIH w/tbg to 4854'. RU swb equip. IFL @ surf, rec 92 BW, FFL 4300'. TOH w/tbg. RU WL. TIH w/4" csg gun. **Perf B-2 4884-89' w/4 jspf**. TIH w/tbg to 4900'. RU swb. IFL @ 4400', made 3 runs, rec 7 bbls fluid. FFL 4900'. Last run dry. SDFN. Est 632 BLWTBR.  
 DC: \$4,705 TWC: \$242,704
- 12/14/95 PO: TIH to set RBP. (Day 9)  
 Summary: 12/13/95 - CP: 0 psi. RU swb. IFL 4350', rec est 12 BW, FFL 4850'. TOH w/tbg. RU Howco & frac B-2 w/25,000# 20/40 sd in 287 bbls Boragel @ avg rate 18 BPM, 2060 psi. ISIP: 2354 psi; 5 min: 2333 psi; 10 min: 2321 psi. Flowback @ 1 BPM on 12/64" ck for 2 hrs until dead, rec 86 BW. SDFN. Est 821 BLWTBR.  
 DC: \$14,385 TWC: \$257,089
- 12/15/95 PO: Prep to frac. (Day 10)  
 Summary: 12/14/95 - CP: 0 psi. ND tree saver. RU Dresser Atlas WL & TIH w/RBP, hit sd @ 4750'. TOH w/WL. TIH w/tbg & rvs circ sd to 4915'. TOH. Run & set RBP @ 4840'. TIH & dump bail 1 sk sd on RBP. TIH w/tbg to 4791'. RU swb, IFL 0', FFL 4200'. Rec 95 BW. TOH. RU DA & **perf "C" sd 4788-4796' & D-3 sd 4740-4756' w/4 jspf**. RD WL. TIH w/tbg to 600'. SDFN. Est 726 BLWTBR.  
 DC: \$6,160 TWC: \$263,249

## INLAND PRODUCTION COMPANY

## ASHLEY FEDERAL #10-23

Daily Completion Report  
 NW/SE Sec. 23, T9S, R15E  
 Duchesne Co., Utah  
 TD: 6048'  
 Srfce Spud Date: 6/7/95

# ATTACHMENT G-1

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Rotary Spud Date: 6/15/95  
Comp Rig: Temples WS  
API #: 43-013-31519  
Page Three

- 12/16/95 PO: Clean out sd & RBP. (Day 11)  
Summary: 12/15/95 - TP: 0 psi. CP: 0 psi. Finish TIH w/tbg to 4791'. RU swb. IFL 4100'. Pull 3 runs, rec 8 BTF w/tr oil. FFL 4800'. TOH w/tbg. NU tree saver, RU Halliburton & frac C & D sds w/92,600# 20/40 sd in 640 bbls Boragel @ avg rate 36 BPM @ 2100 psi. ISIP: 2170 psi; 5 min: 2050 psi; 10 min: 2000 psi. Flowback @ 1 BPM on 12/64" ck for 6 hrs until dead. Rec 315 BW w/moderate sd. SDFN. Est 1043 BLWTBR.  
DC: \$25,170 TWC: 288,419
- 12/17/95 PO: Finish removing RBP's. (Day 12)  
Summary: 12/16/95 - CP: 0 psi. Unthaw - wellhead, tree saver & flowlines. ND tree saver. TIH w/tbg & ret head. Tag sd @ 4770'. Rvs circ out to RBP @ 4840'. Rls plug & TOH. TIH w/tbg & ret head. Tag sd @ 4910'. Rvs circ out to RBP @ 4930'. Rls plug & TOH. TIH w/ret head. Tag sd @ 4990'. Rvs circ out to RBP @ 5120'. Rls plug & TOH. TIH w/ret head & tbg to 3000'. Drain pmp & lines (lost est 80 bbls wtr circulating sd). SDFN. Est 1123 BLWTBR.  
DC: \$1,975 TWC: \$290,394
- 12/18/95 SD for Sunday.
- 12/19/95 PO: Prep to run pmpg rods. (Day 13)  
Summary: 12/18/95 - TP: 0 psi, CP 0 psi. Finish TIH w/tbg. Tag sd @ 5305'. Rvs circ to RBP @ 5420'. Rls plug & TOH. TIH w/NC tag sd 5850'. Rvs circ to PBTD @ 6001'. LD tbg to EOT 5862'. RU swb IFL 0', pull 22 runs, rec 210 BW no oil, no sd. FFL 1500'. SDFN. Est 913 BLWTBR.  
DC: \$1,975 TWC: \$290,394
- 12/20/95 PO: Prep to put on prod. (Day 14)  
Summary: 12/19/95 - TP: 0 psi, CP: 40 psi. RU swb. IFL 1000'. Pull 16 runs, rec 141 BW. Kicked off - flowed 1 hr, rec 38 BW, tr oil, tr sd. FTP 400 psi on 64/64" ck. Circ to kill well, lost 150 BW to perms. TIH & tag PBTD @ 6001' - no fill. TOH w/tbg. TIH w/NC, 2 jts 2-7/8 6.5# J-55 tbg, SN, 1 jt tbg, AC, 183 jts tbg. AC @ 5772', SN @ 5807', EOT 5871'. ND BOP. Set AC w/14,000# tension. NU wellhead. SDFN. Est 884 BLWTBR.  
DC: \$17,365 TWC: \$307,759

# ATTACHMENT G-1

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## INLAND PRODUCTION COMPANY

ASHLEY FEDERAL #10-23

Daily Completion Report

NW/SE Sec. 23, T9S, R15E

Duchesne Co., Utah

TD: 6048'

Srfce Spud Date: 6/7/95

Rotary Spud Date: 6/15/95

Comp Rig: Temples WS

API #: 43-013-31519

Page Four

12/21/95 PO: On production. (Day 15)

Summary: 12/20/95 - TP: 0 psi, CP: 0 psi. PU & run 1-1/2" x 16' RHAC pmp, 4 - 1-1/2" wt rods, 4 - 3/4" scraped rods, 129 - 3/4" slick rods, 94 - 3/4" scraped rods, 2' pony & 1-1/2" x 22' polished rod. Seat pmp, fill tbg w/8 BW & stroke pmp to 800 psi. Hang head & rods, RDMO. Est 892 BLWTBR. **PUT ON PRODUCTION @ 3 PM @ 6 SPM W/86" SL.**  
DC: \$10,215 TWC: \$317,974

| Date     | BOPD | MCFD | BWPD | BWTR | CSG PSI | REMARKS  |
|----------|------|------|------|------|---------|--|
| 12/21/95 | 6    | 0    | 310  | 582  | 750#    | 892 BLW to be rec from comp  |
| 12/22/95 | 190  | 0    | 272  | 310  |         | SI @ 3 am, csg valv washed out due to press.<br>At 4 pm, 12/22 there is 1150# on csg & a back press egulator has been installed. |
| 12/23/95 | 62   | 0    | 0    | 310  |         |  |
| 12/24/95 | 60   | 0    | 0    | 310  | 1100#   |  |
| 12/25/95 | 150  | 0    | 115  | 195  | 350#    |  |
| 12/26/95 | 139  | 0    | 81   | 114  | 300#    |  |
| 12/27/95 | 88   | 0    | 30   | 84   | 300#    |  |
| 12/28/95 | 103  | 0    | 35   | 49   | 300#    |  |
| 12/29/95 | 40   | 0    | 14   | 35   |         |  |
| 12/30/95 | 119  | 0    | 40   |      | 200#    |  |
| 12/31/95 | 78   | 0    | 27   |      | 200#    |  |
| 1/1/96   | 87   | 0    | 30   |      | 150#    |  |
| 1/2/96   | 80   | 788  | 27   |      | 200#    | Gas is vented  |
| 1/3/96   | 46   | 972  | 23   |      | 250#    |  |
| 1/4/96   | 55   | 972  | 29   |      | 220#    |  |
| 1/5/96   | 63   | 972  | 33   |      | 250#    |  |
| 1/6/96   | 44   | 898  | 33   |      | 250#    |  |
| 1/7/96   | 54   | 850  | 39   |      | 250#    | Wtr leg on treater is shut, all fluid going to prod tank   |
| 1/8/96   | 45   | 823  | 31   |      | 200#    |  |
| 1/9/96   | 47   | 895  | 32   |      | 200#    |  |
| 1/10/96  | 37   | 579  | 25   |      | 450#    |  |
| 1/11/96  | 50*  | 647  | 38   |      | 425#    |  |
| 1/12/96  | 38*  | 617  | 31   |      | 425#    |  |
| 1/13/96  | 39   | 601  | 31   |      | 425#    |  |
| 1/14/96  | 30   | 540  | 23   |      | 490#    |  |

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4690'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 179' balance plug using 20 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Perforate 4 JSPF @ 1633'
5. Plug #3 120' plug covering Uinta/Green River formation using 25sx Class "G" cement pumped under CICR and out perforations. Follow using 7 sx Class "G" cement pumped on top of CICR
6. Perforate 4 JSPF @ 345'
7. Plug #4 Circulate 78 sx Class "G" cement down 5 1/2" casing and up the 5-1/2" x 8-5/8" annulus

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

## Ashley Federal #10-23-9-15

Spud Date: 6/7/1995  
 Put on Production: 12/21/1995  
 GL: 6406' KB: 6420'

Initial Production: BOPD,  
 MCFD, BWPD

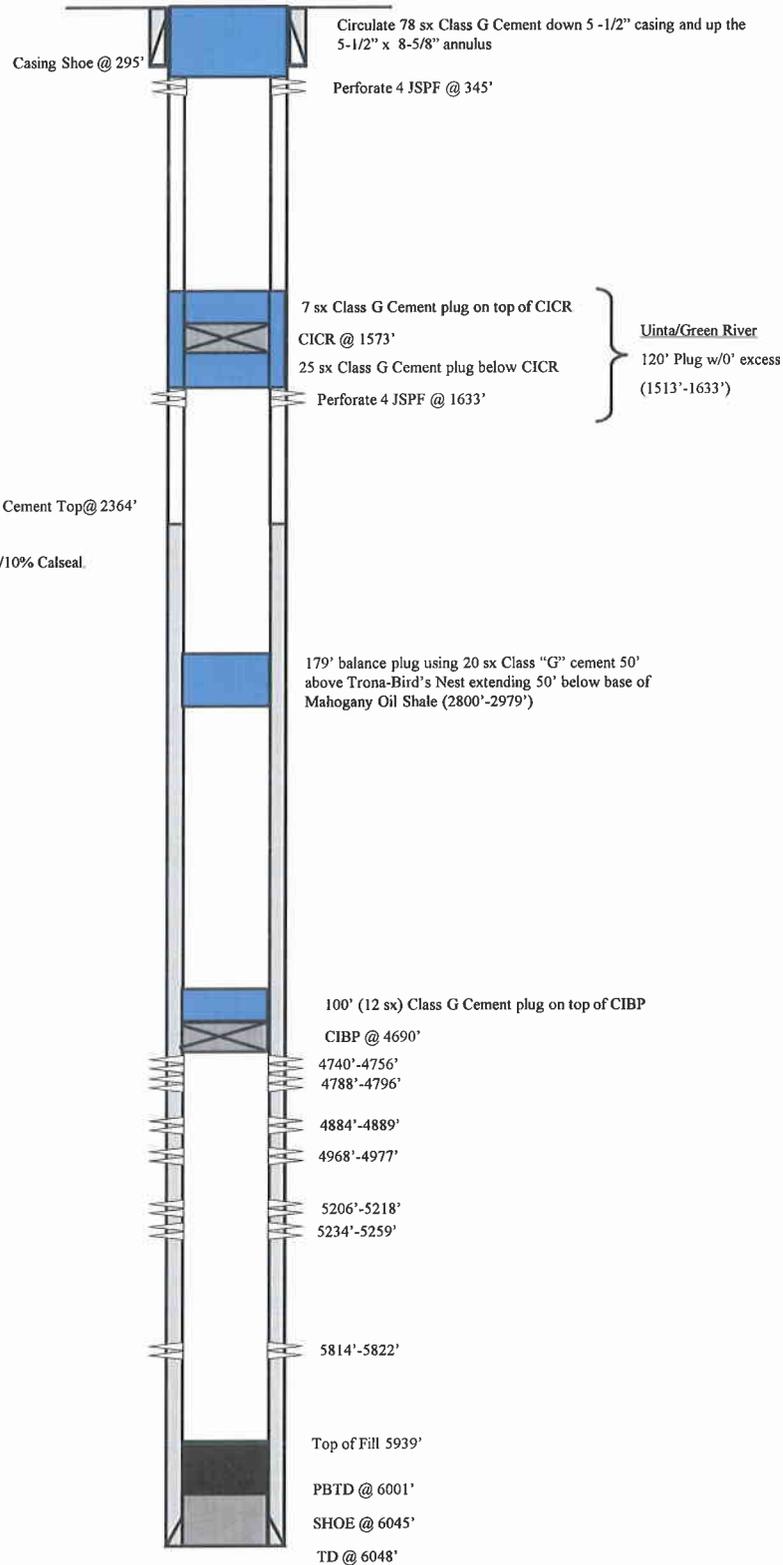
Proposed P & A  
 Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (296.05')  
 DEPTH LANDED: 294.75' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 130 sxs Class "G" cmt.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: K-55  
 WEIGHT: 15.5#  
 LENGTH: 140 jts. (6047.14')  
 DEPTH LANDED: 6045.48' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 240 sxs HiFill & 333 sxs Class G cmnt. w/10% Calseal.  
 CEMENT TOP AT: 2364' CBL



**Ashley Federal #10-23-9-15**  
 1770' FSL & 2026' FEL  
 NW/SE Section 23-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-31519; Lease #UTU-66185