

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS  X WATER SANDS \_\_\_\_\_ LOCATION INSPECTED \_\_\_\_\_ SUB REPORT/abd \_\_\_\_\_

990726 (KBL Rec)

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DATE FILED **NOVEMBER 28, 1997**

LAND. FEE & PATENTED \_\_\_\_\_ STATE LEASE NO. \_\_\_\_\_ PUBLIC LEASE NO. **U-74826** INDIAN \_\_\_\_\_

DRILLING APPROVED: **JULY 2, 1998**

SPUDED IN: **9-1-98**

COMPLETED: **9-30-98 POW** PUT TO PRODUCING: **9-30-98**

INITIAL PRODUCTION: **0-7-1 BBL G-128 MCF W-1 BBL**

GRAVITY API \_\_\_\_\_

GOR \_\_\_\_\_

PRODUCING ZONES: **4968-5499'**

TOTAL DEPTH: **5950'**

WELL ELEVATION: **5961' KB, 5949' GL**

DATE ABANDONED: \_\_\_\_\_

FIELD: **UNDESIGNATED**

UNIT: **ASHLEY**

COUNTY: **DUCHESNE**

WELL NO: **ASHLEY FEDERAL 15-1** API NO. **43-013-32003**

LOCATION: **797 FSL** FT. FROM (N) (S) LINE. **1783 FEL** FT. FROM (E) (W) LINE. **SW SE** 1/4 - 1/4 SEC. **1**

| TWP. | RGE. | SEC. | OPERATOR | TWP.      | RGE.       | SEC.     | OPERATOR                 |
|------|------|------|----------|-----------|------------|----------|--------------------------|
|      |      |      |          | <b>9S</b> | <b>15E</b> | <b>1</b> | <b>INLAND PRODUCTION</b> |

|   |                 |                  |                   |
|---|-----------------|------------------|-------------------|
| QUATERNARY                              | Star Point      | Chinle           | Molas             |
| Alluvium                                | Wahweap         | Shinarump        | Manning Canyon    |
| Lake beds                               | Masuk           | Moenkopi         | Mississippian     |
| Pleistocene                             | Colorado        | Sinbad           | Humbug            |
| Lake beds                               | Sego            | PERMIAN          | Brazer            |
| TERTIARY                                | Buck Tongue     | Kaibab           | Pilot Shale       |
| Pliocene                                | Castlegate      | Coconino         | Madison           |
| Salt Lake                               | Mancos          | Cutler           | Leadville         |
| Oligocene                               | Upper           | Hoskinnini       | Redwall           |
| Norwood                                 | Middle          | DeChelly         | DEVONIAN          |
| Eocene                                  | Lower           | White Rim        | Upper             |
| Duchesne River                          | Emery           | Organ Rock       | Middle            |
| Uinta                                   | Blue Gate       | Cedar Mesa       | Lower             |
| Bridger                                 | Ferron          | Halgaite Tongue  | Ourray            |
| Green River                             | Frontier        | Phosphoria       | Elbert            |
| <i>Green River Garden Gulch MRR 370</i> | Dakota          | Park City        | McCracken         |
| <i>1 416</i>                            | Burro Canyon    | Rico (Goodridge) | Aneth             |
| <i>2 4370</i>                           | Cedar Mountain  | Supai            | Simonson Dolomite |
| <i>Point 3 MRR 4638</i>                 | Buckhorn        | Wolfcamp         | Sevy Dolomite     |
| <i>X MRR 4673</i>                       | JURASSIC        | CARBON I FEROUS  | North Point       |
| <i>Y MRR 4776</i>                       | Morrison        | Pennsylvanian    | SILURIAN          |
| <i>Day 9125 CR MRR 4776</i>             | Salt Wash       | Oquirrh          | Laketown Dolomite |
| <i>Wasatch BT-Carb MRR 5022</i>         | San Rafael Gr.  | Weber            | ORDOVICIAN        |
| <i>Stone Cabin B-Lime 5129</i>          | Summerville     | Morgan           | Eureka Quartzite  |
| <i>Colton Castle PK 5625</i>            | Bluff Sandstone | Hermosa          | Pogonip Limestone |
| <i>Flagstaff Basal Carb MRR</i>         | Curtis          |                  | CAMBRIAN          |
| North Horn                              | Entrada         | Pardox           | Lynch             |
| Almy                                    | Moab Tongue     | Ismay            | Bowman            |
| Paleocene                               | Carmel          | Desert Creek     | Tapeats           |
| Current Creek                           | Glen Canyon Gr. | Akah             | Ophir             |
| North Horn                              | Navajo          | Barker Creek     | Tintic            |
| CRETACEOUS                              | Kayenta         |                  | PRE - CAMBRIAN    |
| Montana                                 | Wingate         | Cane Creek       |                   |
| Mesaverde                               | TRIASSIC        |                  |                   |
| Price River                             |                 |                  |                   |
| Blackhawk                               |                 |                  |                   |

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO. U-74826
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME Ashley
8. FARM OR LEASE NAME Ashley Federal
9. WELL NO. #15-1
10. FIELD AND POOL OR WILDCAT Ashley
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 1, T9S R15E
12. County Duchesne 13. STATE UT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL [X] DEEPEN [ ]
1b. TYPE OF WELL OIL GAS SINGLE MULTIPLE WELL [X] WELL [ ] OTHER [ ] ZONE [ ] ZONE [ ]

2. NAME OF OPERATOR Inland Production Company

3. ADDRESS OF OPERATOR P.O. Box 790233 Vernal, UT 84079 Phone: (801) 789-1866

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*) At Surface SW/SE At proposed Prod. Zone 797' FSL & 1783' FEL 243 543

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\* 13.2 Miles southwest of Myton, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 797'

16. NO. OF ACRES IN LEASE 2189.98

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

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

19. PROPOSED DEPTH 6500'

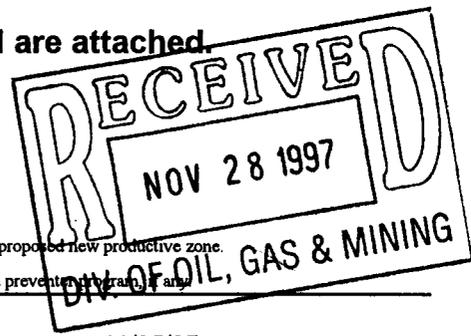
20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5252' GR

22. APPROX. DATE WORK WILL START\* 4th Quarter 1997

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT/FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Row 1: Refer to Monument Butte Field SOP's Drilling Program/Casing Design

The Conditions of Approval For Application For Permit To Drill are attached.



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 prevention program, if any.

24. SIGNED Cheryl Cameron TITLE Regulatory Compliance Specialist DATE 11/25/97

(This space for Federal or State office use)

PERMIT NO. 43-013-32003 APPROVAL DATE

Application approval 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.

CONDITIONS OF APPROVAL, IF ANY: Federal Approval of this Action is Necessary

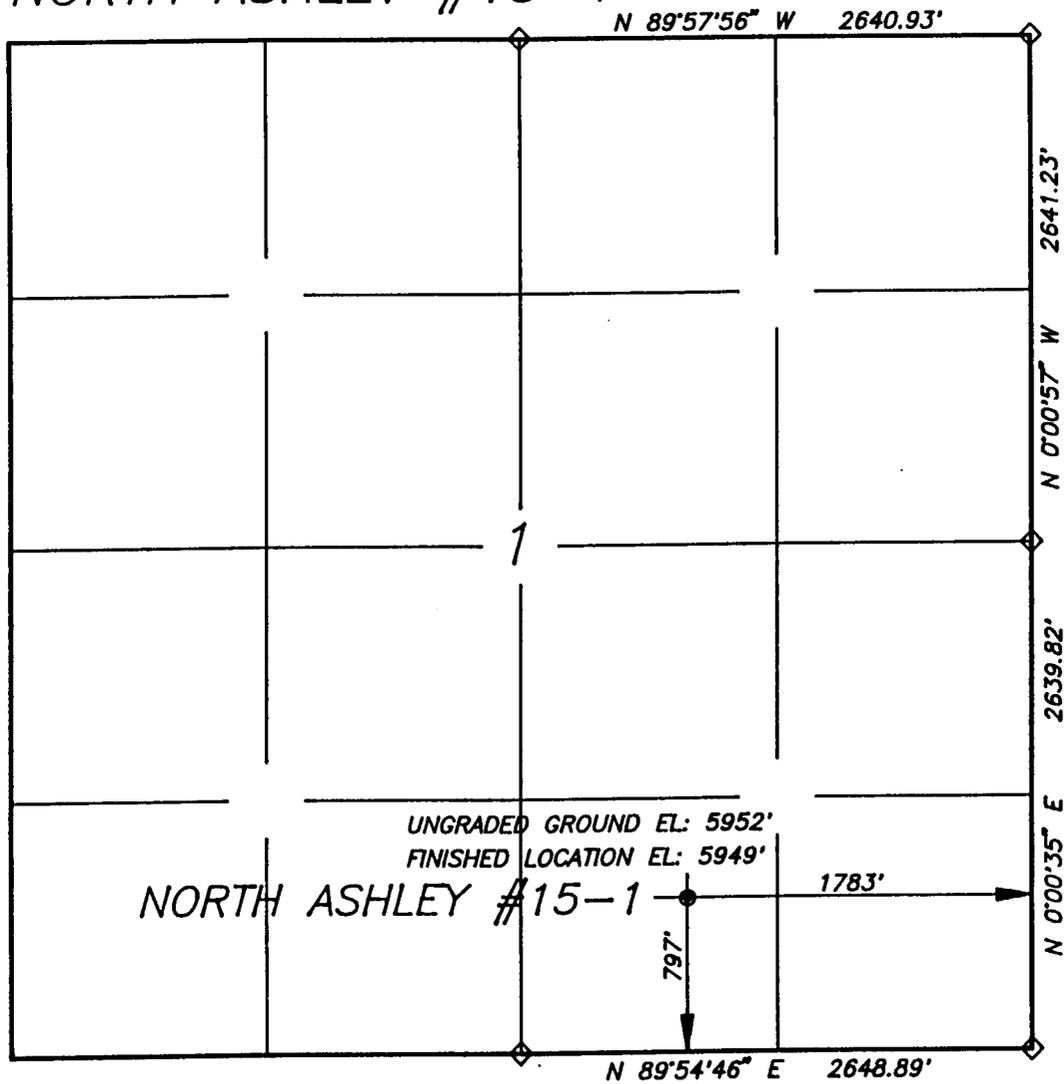
APPROVED BY Bradley G. Hill TITLE RECLAMATION SPECIALIST DATE 7/2/98

\*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.

**INLAND PRODUCTION CO.  
WELL LOCATION PLAT  
NORTH ASHLEY #15-1**

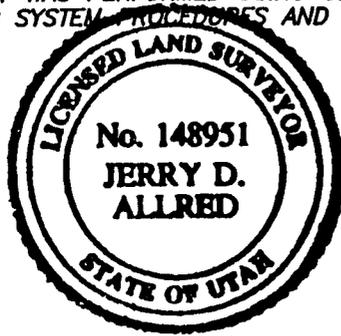
LOCATED IN THE SW1/4 OF THE SE1/4  
SECTION 1, T9S, R15E, S.L.B.&M.



SCALE: 1" = 1000'

**LEGEND AND NOTES**

- ◇ ORIGINAL CORNER MONUMENTS FOUND AND USED BY THIS SURVEY.
- THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS, AS WAS THE U.S.G.S. QUADRANGLE MAP.
- THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT.



**SURVEYOR'S CERTIFICATE**

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

*Jerry D. Allred*  
 JERRY D. ALLRED, REGISTERED LAND SURVEYOR,  
 CERTIFICATE NO. 148951 (UTAH)

|  |   |
|--|---|
|  | <b>JERRY D. ALLRED &amp; ASSOCIATES</b><br>SURVEYING CONSULTANTS                  |
|  | 121 NORTH CENTER STREET<br>P.O. BOX 975<br>DUCHESNE, UTAH 84021<br>(801)-738-5352 |

**INLAND PRODUCTION COMPANY  
ASHLEY FEDERAL #15-1  
SW/SE SECTION 1, T9S, R15E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**DRILLING PROGRAM**

**1. GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

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

Uinta and Green River

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

Oil/Gas – Green River Formation

**4. PROPOSED CASING PROGRAM**

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

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

Please refer to the Monument Butte Field SOP. See Exhibit "F".

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

Please refer to the Monument Butte Field SOP.

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

Please refer to the Monument Butte Field SOP.

**8. TESTING, LOGGING AND CORING PROGRAMS:**

Please refer to the Monument Butte Field SOP.

**9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum 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:**

Please refer to the Monument Butte Field SOP.

**INLAND PRODUCTION COMPANY  
ASHLEY FEDERAL #15-1  
SW/SE SECTION 1, T9S, R15E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**MULTI-POINT SURFACE USE & OPERATIONS PLAN**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Inland Production Company well location site Ashley Federal #15-1 located in the SW 1/4 SE 1/4 Section 1, T9S, R15E, S.L.B. 7 M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 – 1.5 miles  $\pm$  to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 – 1.7 miles to its junction with an existing paved road to the southwest; proceed southwesterly along this road 4.6 miles to the junction of an existing dirt road to the southwest; proceed southwesterly along this road 2.8 miles to the junction of an existing dirt road to the south; proceed southeasterly 3.0 miles to the beginning of the proposed access road.

**2. PLANNED ACCESS ROAD**

See Topographic Map "B" for the location of the proposed access road.

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "D".

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

**5. LOCATION AND TYPE OF WATER SUPPLY**

Please refer to the Monument Butte Field SOP. See Exhibit "C".

**6. SOURCE OF CONSTRUCTION MATERIALS**

Please refer to the Monument Butte Field SOP.

**7. METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP. See Exhibit "E".

ASHLEY FEDERAL #15-1

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s). Refer to Exhibits "E" and "E-1".

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Cultural Resource Survey will be submitted, as soon as it becomes available.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Cheryl Cameron  
Address: P.O. Box 790233 Vernal, Utah 84079  
Telephone: (435) 789-1866

Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #15-1 SW/SE Section 1, Township 9S, Range 15E: Lease U-74826 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.

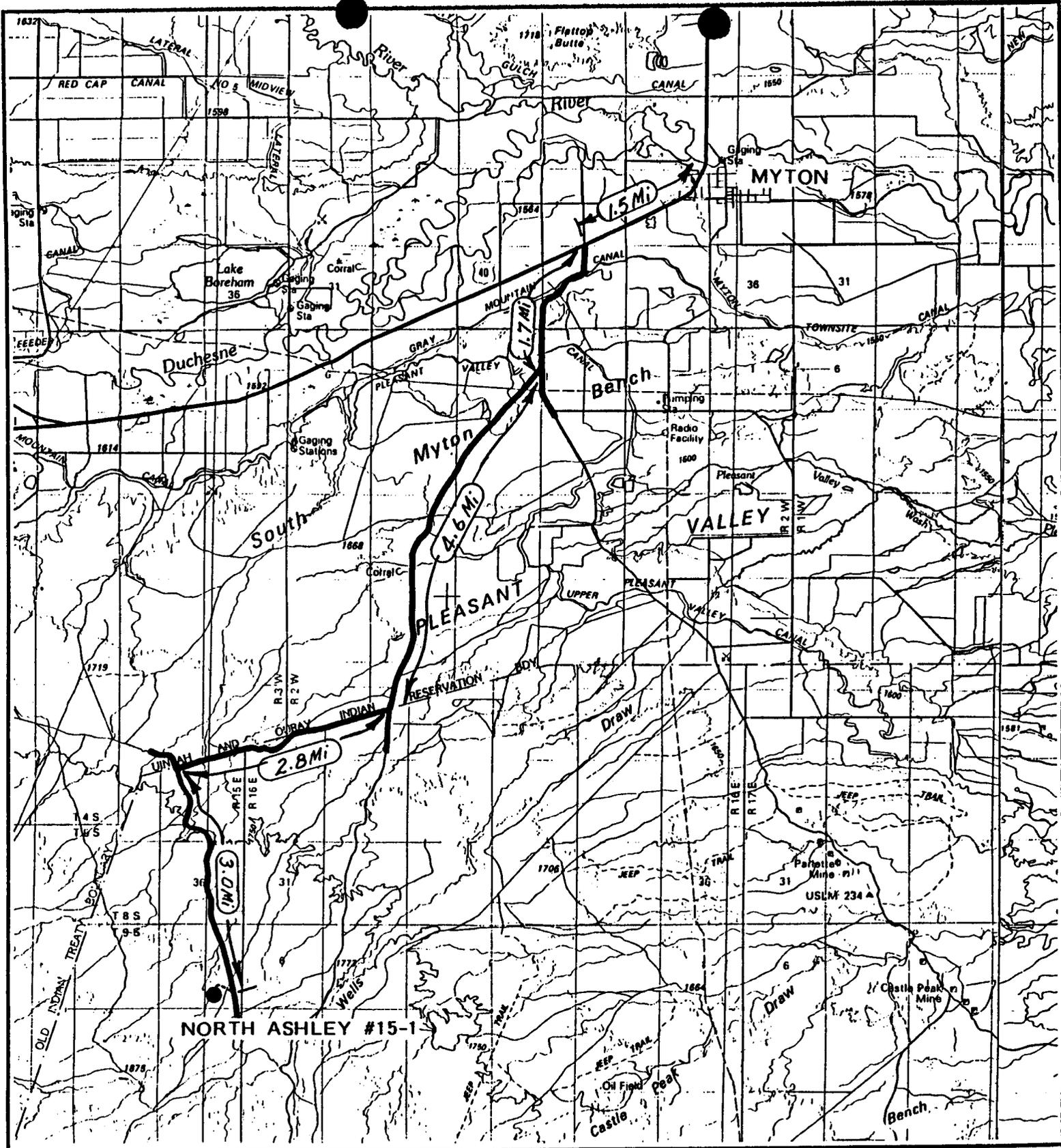
I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production 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.

11/25/97

Date



Cheryl Cameron  
Regulatory Compliance Specialist



TOPOGRAPHIC  
MAP "A"



**INLAND PRODUCTION COMPANY**

NORTH ASHLEY #15-1  
SECTION 1, T9S, R15E, S.L.B.&M.

17 Dec '96

84-121-069





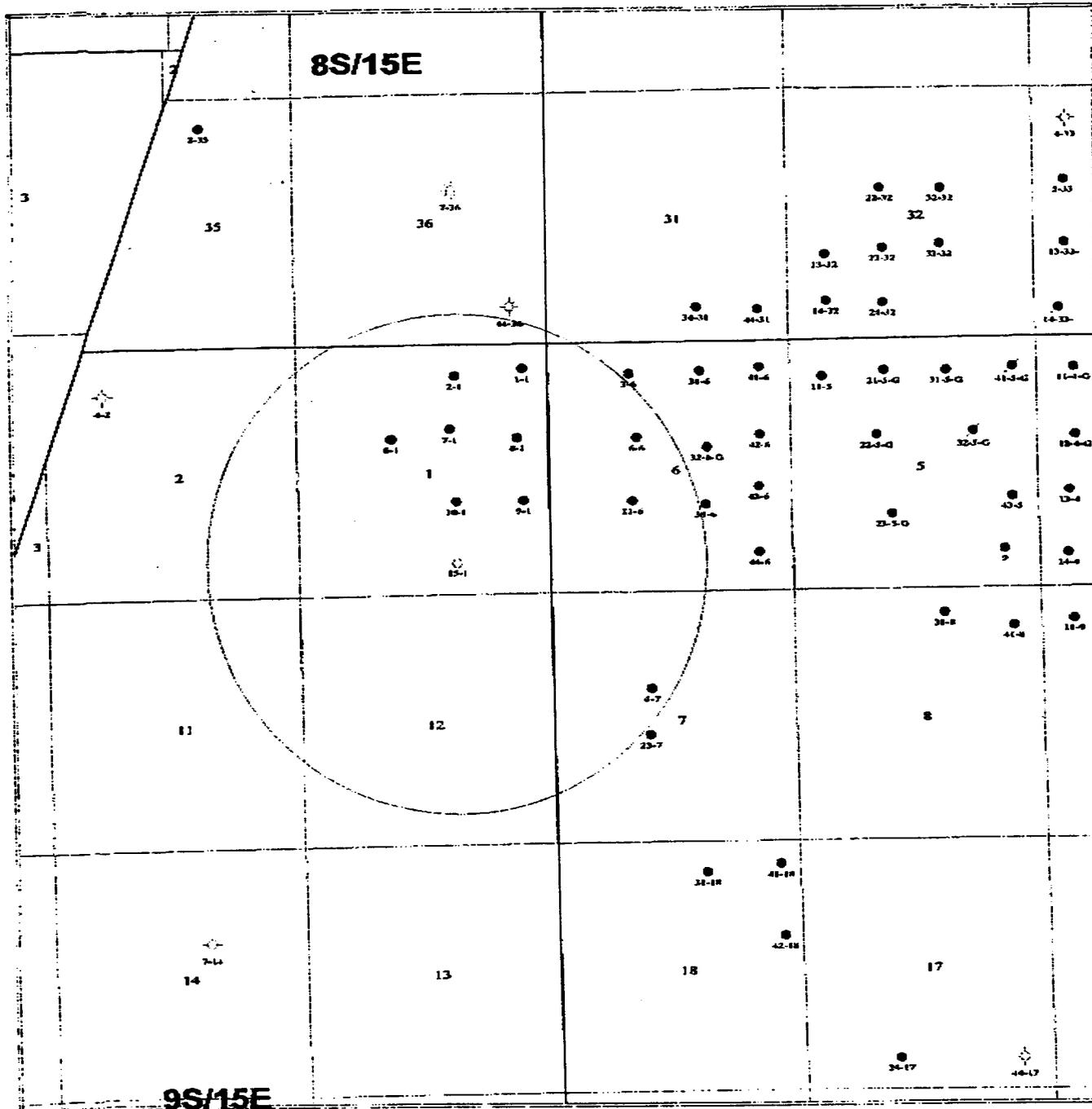
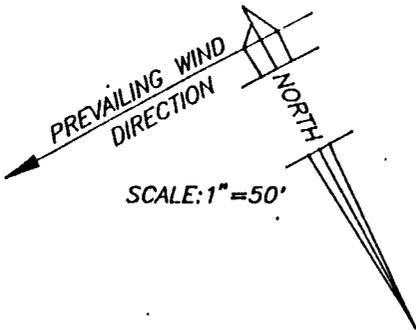
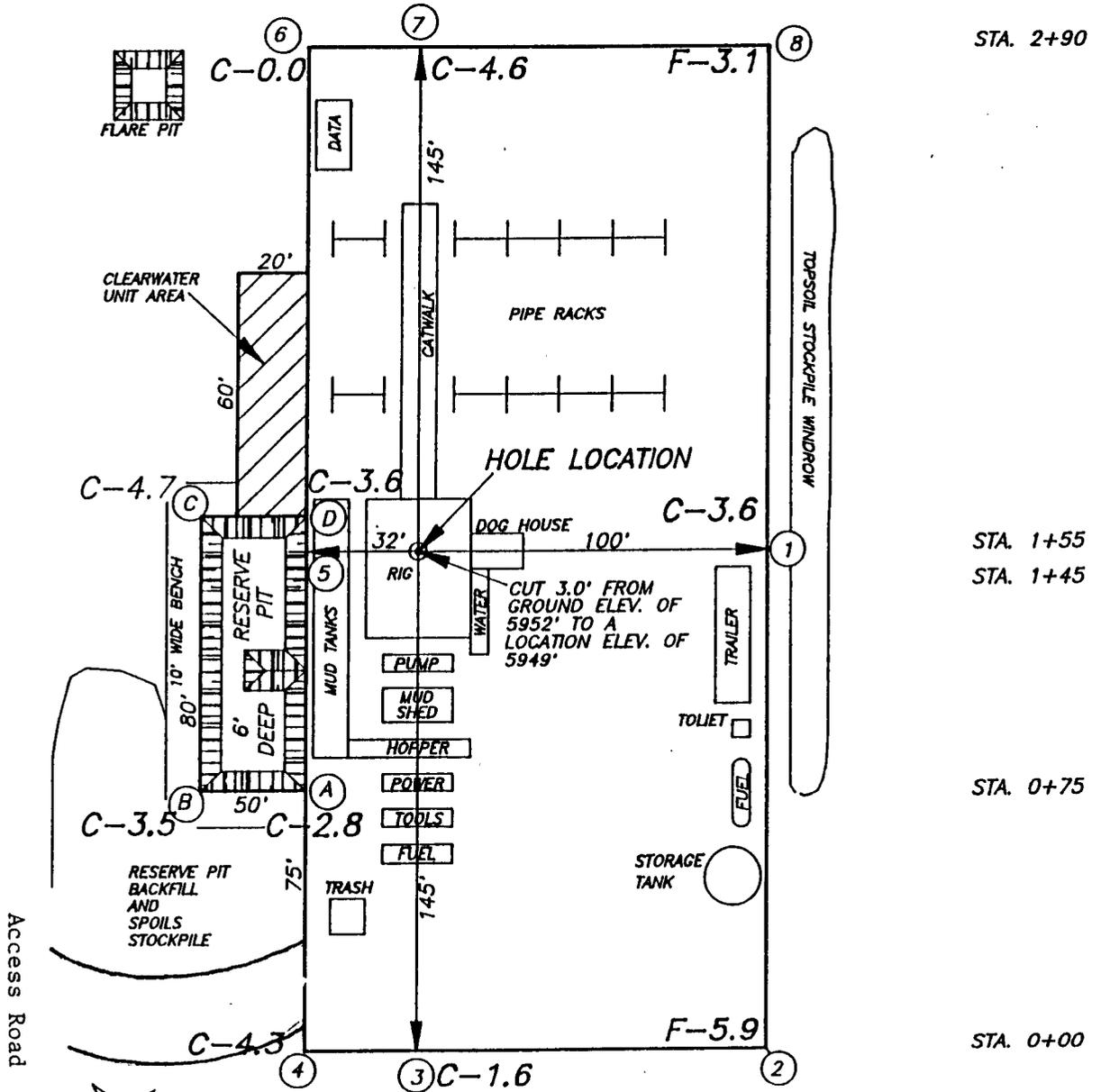


EXHIBIT "D"

|                           |                |         |
|---------------------------|----------------|---------|
| INLAND PRODUCTION COMPANY |                |         |
| ONE MILE RADIUS           |                |         |
| Ashley 15-1               |                |         |
| North Arrow               | Scale 1:50,000 | W 25 37 |

INLAND PRODUCTION CO.  
 LOCATION LAYOUT PLAT  
 NORTH ASHLEY #15-1  
 SECTION 1, T9S, R15E, S.L.B.7M.

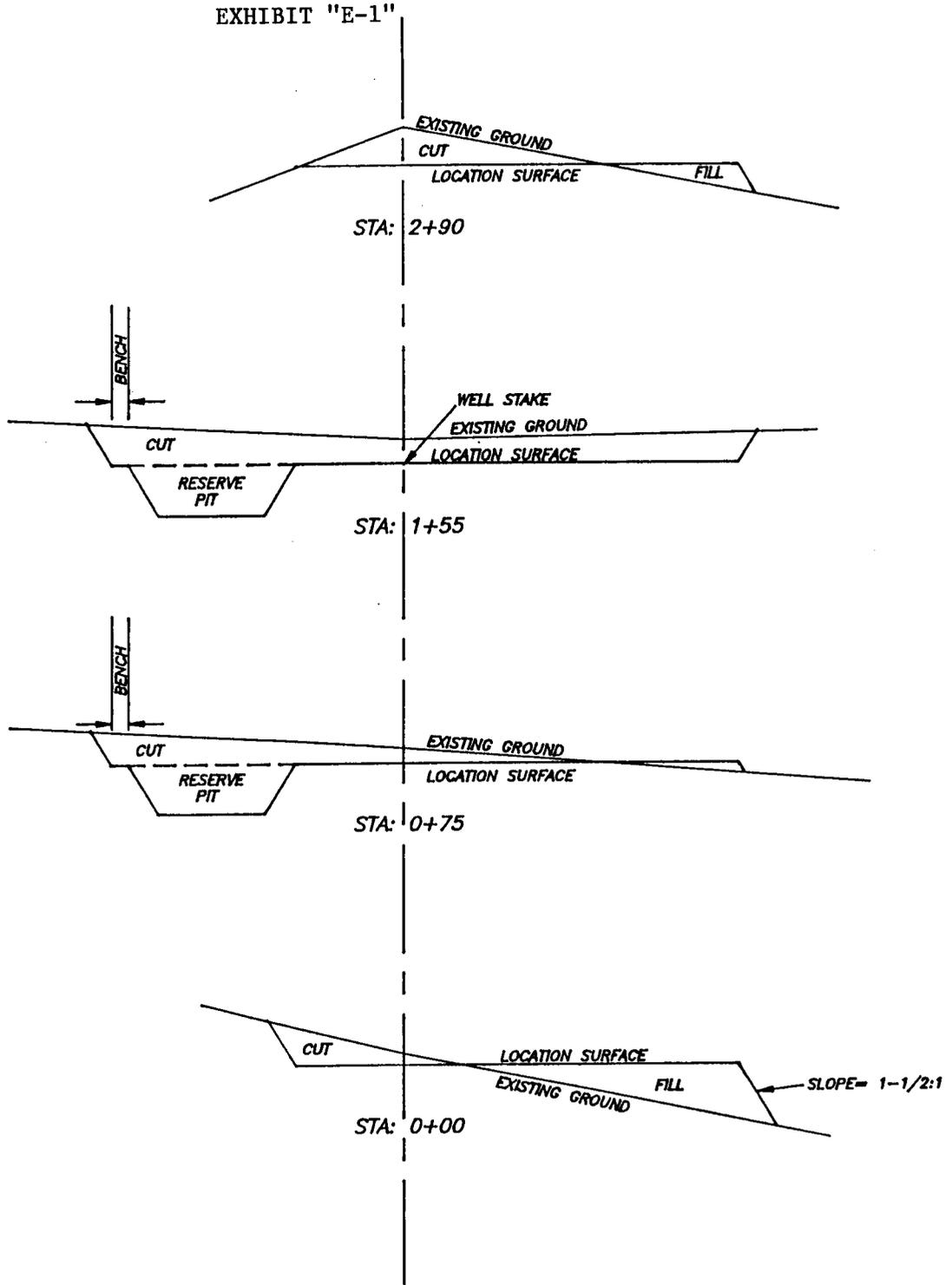
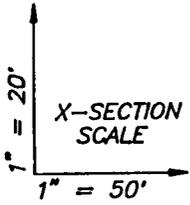
EXHIBIT "E"



JERRY D. ALLRED AND ASSOCIATES  
 121 NORTH CENTER STREET  
 P.O. BOX 975  
 DUCHESNE, UTAH 84021  
 (801) 738-5352

INLAND PRODUCTION CO.  
 LOCATION LAYOUT PLAT  
 NORTH ASHLEY #15-1  
 SECTION 1, T9S, R15E, S.L.B.7M.

EXHIBIT "E-1"



APPROXIMATE QUANTITIES

CUT: 4450 CU. YDS. (INCLUDES PIT)  
 FILL: 620 CU. YDS.

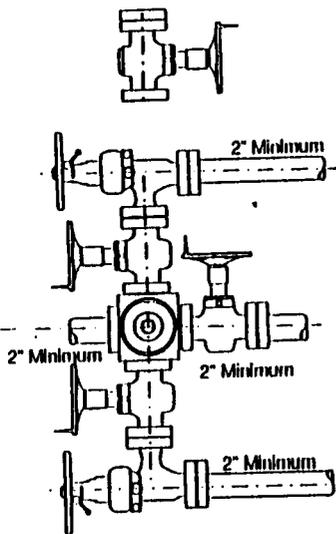
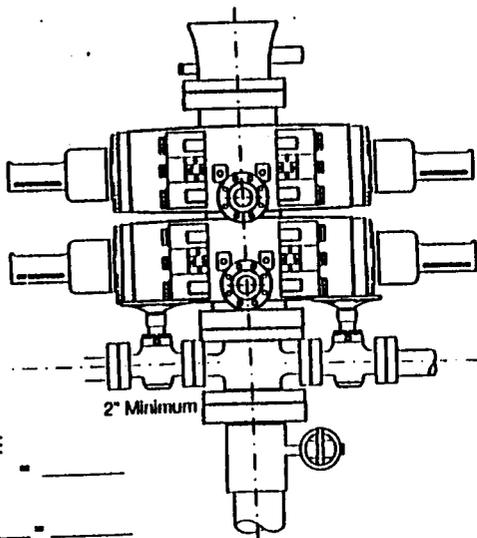
JERRY D. ALLRED AND ASSOCIATES  
 121 NORTH CENTER STREET  
 P.O. BOX 975  
 DUCHESNE, UTAH 84021  
 (801) 738-5352

17 DEC 1996

84-121-069

2-M SYSTEM

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



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)

Well No.: Ashley 15-1

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

Company/Operator: Inland Production Company

Well Name & Number: Ashley 15-1

API Number:

Lease Number: UTU-74826

Location: SWSE, Sec. 1, T9S, R15E

**GENERAL**

Access from E. Operator will move location E of center approximately 175-200 m. Topsoil will be stored on W side of location.

**CULTURAL RESOURCES**

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

**PALEONTOLOGICAL RESOURCES**

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

**SOILS, WATERSHEDS, AND FLOODPLAINS**

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

**WILDLIFE AND FISHERIES**

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

**SAGE GROUSE:** No new construction or surface disturbing activities will be allowed between March 1 and June 30 due to the locations proximity (2 mile radius) to Sage Grouse strutting grounds.

**BURROWING OWL:** Due to the proximity of the location to active prairie dog towns, there is the potential to encounter nesting burrowing owls between April 1 and July 15. No new construction or surface disturbing activities will be allowed between April 1 and July 15 within a 0.5 mile radius of any active burrowing owl nest.

**THREATENED, ENDANGERED, AND OTHER SENSITIVE SPECIES**

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

**MOUNTAIN PLOVER:** If new construction or surface disturbing activities are scheduled to occur between March 15 and August 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be completed prior to initiating new construction or surface disturbing activities (see Survey Protocol COAs EA Number 1996-61).

**FERRUGINOUS HAWK:** No new construction or surface disturbing activities will be allowed until after May 31, 1998, due to the locations proximity (0.5 mile) to an active ferruginous hawk nest (occupied in 1996). If the nesting territory is not occupied again in spring 1998, the location will be constructed approximately 175-200 m E of center to topographically screen the well from existing nests. To further screen existing nests from human activity, topsoil salvaged for reclamation of the pad will be stored on the W side of the location. If the nesting territory is occupied again in spring of 1998, no new construction or surface disturbing activities will be allowed until after May 31, 2000. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

**OTHER**

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/28/97

API NO. ASSIGNED: 43-013-32003

WELL NAME: AHSLEY FEDERAL 15-1  
 OPERATOR: INLAND PRODUCTION COMPANY (N5160)  
 CONTACT: Cheryl Cameron (435) 789-1866

PROPOSED LOCATION:  
 SWSE 01 - T09S - R15E  
 SURFACE: 0797-FSL-1783-FEL  
 BOTTOM: 0797-FSL-1783-FEL  
 DUCHESNE COUNTY  
 UNDESIGNATED FIELD (002)

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

LEASE TYPE: FED  
 LEASE NUMBER: U-74826  
 SURFACE OWNER: Federal

PROPOSED FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

Plat

Bond: Federal  State  Fee   
 (No. #4488944)

Potash (Y/N)

Oil Shale (Y/N) \*190-5(B)

Water Permit  
 (No. Johnson Water District)

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

St/Fee Surf Agreement (Y/N)

LOCATION AND SITING:

R649-2-3. Unit Ashley

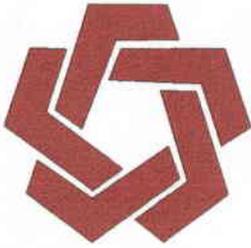
R649-3-2. General

R649-3-3. Exception

Drilling Unit  
 Board Cause No: \_\_\_\_\_  
 Date: \_\_\_\_\_

COMMENTS: \* Mon. Butte Field Standard Operation Procedure (SOP) separate file.

STIPULATIONS: ① FEDERAL APPROVAL



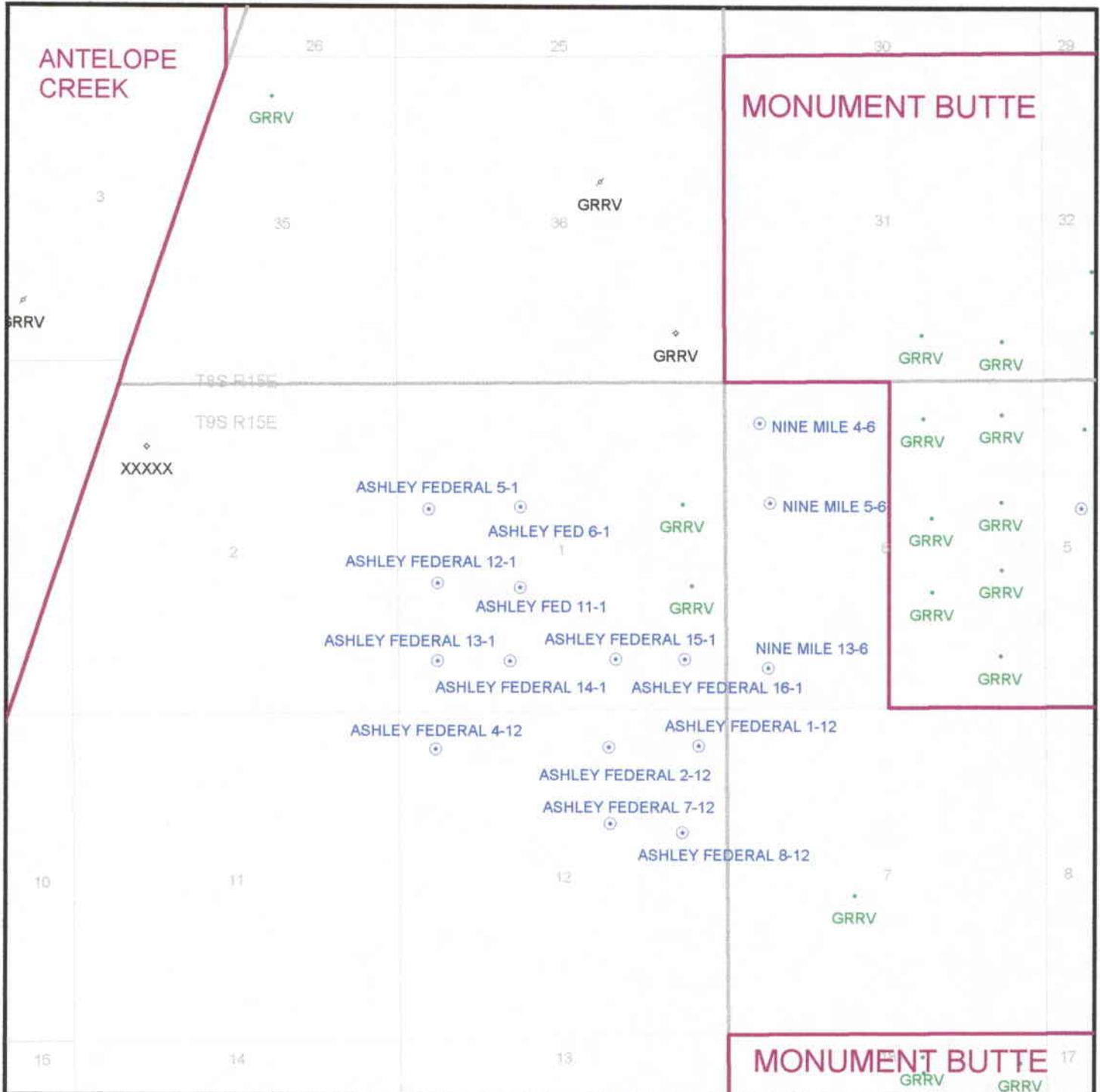
DIVISION OF OIL, GAS & MINING

OPERATOR: INLAND PRODUCTION (N5160)

FIELD: UNDESIGNATED (002)

SEC. TWP. RNG.: SEC. 1 & 12, T9S, R15E

COUNTY: DUCHESNE UAC: R649-3-2



DATE PREPARED:  
28-NOV-1997



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

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

Michael O. Leavitt  
Governor

Lowell P. Braxton  
Division Director

July 2, 1998

Inland Production Company  
P.O. Box 790233  
Vernal, Utah 84079

Re: Ashley Federal 15-1 Well, 797' FSL, 1783' FEL, SW SE,  
Sec. 1, 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 43-013-32003.

Sincerely,

A handwritten signature in cursive script, appearing to read "John R. Baza".

John R. Baza  
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor

Bureau of Land Management, Vernal District Office

Operator: Inland Production Company  
Well Name & Number: Ashley Federal 15-1  
API Number: 43-013-32003  
Lease: U-74826  
Location: SW SE Sec. 1 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 prior to spudding the well. Contact Jim Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Dan Jarvis at (801) 538-5338 or Robert Krueger at (801) 538-5274.

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.

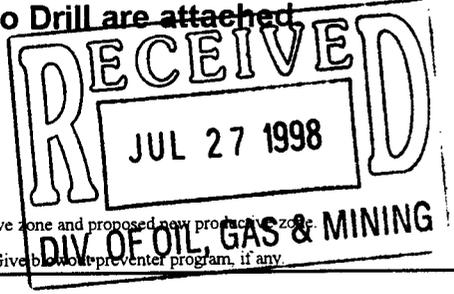
4. State approval of this well does not supercede the required federal approval which must be obtained prior to drilling.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Form with fields for: 1a. TYPE OF WORK (DRILL, DEEPEN), 1b. TYPE OF WELL (OIL, GAS, OTHER), 2. NAME OF OPERATOR (Inland Production Company), 3. ADDRESS OF OPERATOR (P.O. Box 790233 Vernal, UT 84079), 4. LOCATION OF WELL (SW/SE, 797' FSL & 1783' FEL), 5. LEASE DESIGNATION AND SERIAL NO. (U-74826), 7. UNIT AGREEMENT NAME (Ashley), 8. FARM OR LEASE NAME (Ashley Federal), 9. WELL NO. (#15-1), 10. FIELD AND POOL OR WILDCAT (Ashley), 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA (Sec. 1, T9S R15E), 12. County (Duchesne), 13. STATE (UT), 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\* (13.2 Miles southwest of Myton, Utah), 15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (797'), 16. NO. OF ACRES IN LEASE (2189.98), 17. NO. OF ACRES ASSIGNED TO THIS WELL (40), 18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. (6500'), 19. PROPOSED DEPTH (6500'), 20. ROTARY OR CABLE TOOLS (Rotary), 21. ELEVATIONS (5252' GR), 22. APPROX. DATE WORK WILL START\* (4th Quarter 1997), 23. PROPOSED CASING AND CEMENTING PROGRAM (Refer to Monument Butte Field SOP's Drilling Program/Casing Design)

The Conditions of Approval For Application For Permit To Drill are attached



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new production 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 Cheryl Cameron TITLE Regulatory Compliance Specialist DATE 11/25/97

(This space for Federal or State office use) PERMIT NO. APPROVAL DATE Application approval 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.

CONDITIONS OF APPROVAL, IF ANY: APPROVED BY [Signature] Assistant Field Manager Mineral Resources DATE 7/23/98

CONDITIONS OF APPROVAL ATTACHED

\*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.

DOGMA 10.11.01.17.6A

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Ashley Federal 15-1

API Number: 43-013-32003

Lease Number: U -74826

Location: SWSE Sec. 01 T. 9S R. 15E

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.

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. Casing Program and Auxiliary Equipment

As a minimum, the usable water resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the shallowest potential productive zone.

**SURFACE USE PROGRAM**  
**Conditions of Approval (COAs)**

- Corner 8 shall be rounded to keep the fill out of the wash.
- The reserve pit topsoil shall be piled separately as shown on the cut sheet.
- A separate pile of subsoil shall be left near the access road to be used for the construction of berms and dikes.
- The reserve pit shall be lined if blasting is necessary.
- The location topsoil pile shall be placed on the hill at stake no. 1, instead of windrow as shown on the cut sheet, then seeded immediately after the soil is piled by broadcasting the seed, then walking the topsoil pile with the dozer to plant the seed. The seed mix is provided below. All poundages are in Pure Live Seed.

|                       |                        |        |
|-----------------------|------------------------|--------|
| Needle & Thread Grass | Stipa comata           | 3 lbs. |
| Shadscale             | Atriplex confertifolia | 3 lbs. |
| Four-wing Salt Brush  | Atriplex canescens     | 4 lbs. |
| Western Wheat Grass   | Agropyron smithii      | 2 lbs. |

- Once the reserve pit is dry, it shall be filled, recontoured, topsoil spread, and seeded in the same manner discussed above.
- Construction shall not take place between February 1 to July 15 to allow raptors to utilize the territory during the reproductive period.
- The location shall be equipped with a multi-cylinder engine or "hospital" muffler to reduce the noise associated with pumping activities, both on and within the vicinity of the location.
- Construction shall not take place from April 1 to July 15 if Burrowing Owl (*Athene cunicularia*) nest are found within a 0.5 mile radius survey of the location.
- Before construction and drilling activities a detailed survey of the area within 0.5 mile of the location and 300 feet either side of the centerline of the proposed access route shall be made by BLM or a qualified biologist to detect the presence of Mountain Plovers (*Charadrius montanus*). Extreme care shall be exercised to locate plovers due to their highly secretive and quiet nature.

Where possible, the survey shall first be made from a stationary vehicle. All plovers located will be observed long enough to determine if a nest is present. If no visual sightings are made from the vehicle, the area will be surveyed again on foot. The survey will be conducted no more than 14 days apart with the last survey no more than 14 days prior to the start-up date. Surveys shall be conducted as follows:

| Starting Date of Construction or Drilling Activity | Number of Surveys |
|--|-------------------|
| From March 15 through April 15                     | 1                 |
| From April 16 through July 15                      | 2                 |
| From July 16 through August 15                     | 1                 |

If the presence of plovers with active nests are found the construction shall be delayed until the chicks are out of the downy plumage, the brood vacates the area of influence, or the nest has failed, potentially between March 15 and August 15.

- When snow is removed from the road during the winter months, the snow shall be pushed outside of the burrow ditches and the turn outs shall be kept clear so that when the snow melts the water will be channeled away from the road.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO

Well Name: ASHLEY FEDERAL 15-1

Api No. 43-013-32003 Lease Type: FEDERAL

Section 1 Township 9S Range 15E County DUCHESNE

Drilling Contractor UNION RIG # 14

SPUDDED:

Date 9/1/98

Time

How ROTARY

Drilling will commence

Reported by MIKE WARD

Telephone #

Date: 9/2/98 Signed: JLT

OPERATOR Inland Production Company  
 ADDRESS 410 17th St., Suite 700  
Denver, Colorado 80202

OPERATOR ACCT. NO. N 5160

| 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              | 12391          | 43-013-32068 | TAR SANDS FED 8-28-8-17 | SE/NE         | 28 | 08S | 17E | Duchesne | 7/21/98   |                |

WELL 1 COMMENTS: Spud well on 7/21/98 @ 10:30 am w/ Leon Ross.  
 entity added 9-11-98 (Greater Boundary (PR) unit) KDR

| 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              | 12391          | 43-013-32058 | TAR SANDS FED 15-29-8-17 | SW/SE         | 29 | 08S | 17E | Duchesne | 7/23/98   |                |

WELL 2 COMMENTS: Spud well w/ Leon Ross on 7/23/98 @ 9:30 am.  
 entity added 9-11-98 (Greater Boundary (PR) unit) KDR

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER   | WELL NAME            | WELL LOCATION |    |     |     |          | SPUD DATE | EFFECTIVE DATE |
|-------------|--------------------|----------------|--------------|----------------------|---------------|----|-----|-----|----------|-----------|----------------|
|             |                    |                |              |                      | QQ            | SC | TP  | RG  | COUNTY   |           |                |
| A           | 99999              | 12456          | 43-013-32078 | CASTLE DRAW 8-9-9-17 | SE/NE         | 9  | 09S | 17E | Duchesne | 7/30/98   |                |

WELL 3 COMMENTS: Spud well w/ Union #7 on 7/30/98 @ 12:00 pm.  
 entity added 9-11-98. KDR

| 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              | 12391          | 43-013-32059 | TAR SANDS FED 14-29-8-17 | SE/SW         | 29 | 08S | 17E | Duchesne | 8/6/98    |                |

WELL 4 COMMENTS: Spud well w/ Leon Ross @ 11:30 am, 8/6/98  
 entity added 9-11-98 (Greater Boundary (PR) unit) KDR

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER   | WELL NAME            | WELL LOCATION |    |     |     |          | SPUD DATE | EFFECTIVE DATE |
|-------------|--------------------|----------------|--------------|----------------------|---------------|----|-----|-----|----------|-----------|----------------|
|             |                    |                |              |                      | QQ            | SC | TP  | RG  | COUNTY   |           |                |
| A           | 99999              | 12457          | 43-013-32075 | CASTLE DRAW 6-4-9-17 | SE/NW         | 4  | 09S | 17E | Duchesne | 8/7/98    |                |

WELL 5 COMMENTS: Spud well w/ Union Rig #7 @ 12:5 pm, 8/7/98.  
 entity added 9/11/98. KDR

- 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)

Shannon Smith  
 Signature  
 Engineering Secretary 9/9/98  
 Title Date

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

OPERATOR Inland Production Company  
 ADDRESS 410 17th St., Suite 700  
Denver, Colorado 80202

OPERATOR ACCT. NO. N 5160

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER   | WELL NAME           | WELL LOCATION |    |     |     |          | SPUD DATE | EFFECTIVE DATE |
|-------------|--------------------|----------------|--------------|---------------------|---------------|----|-----|-----|----------|-----------|----------------|
|             |                    |                |              |                     | QQ            | SC | TP  | RG  | COUNTY   |           |                |
| A           | 99999              | 12458          | 43-013-31884 | TAR SANDS FED 10-33 | NW/SE         | 23 | 09S | 17E | Duchesne | 8/15/98   |                |

WELL 1 COMMENTS: Spud well w/Union Rig #7 @ 11:00 pm, 8/15/98.  
 entity added 9/11/98. KDR

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER   | WELL NAME                   | WELL LOCATION |    |     |     |          | SPUD DATE | EFFECTIVE DATE |
|-------------|--------------------|----------------|--------------|-----------------------------|---------------|----|-----|-----|----------|-----------|----------------|
|             |                    |                |              |                             | QQ            | SC | TP  | RG  | COUNTY   |           |                |
| A           | 99999              | 12459          | 43-013-32047 | SOUTH WELLS DRAW 13-10-9-16 | SW/SE         | 10 | 09S | 16E | Duchesne | 8/15/98   |                |

WELL 2 COMMENTS: Spud well w/Union, Rig #14 @ 12:00 am, 8/15/98.  
 entity added 9/11/98. KDR

| 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              | 12391          | 43-013-32060 | TAR SANDS FED 6-29-8-17 | SE/NW         | 29 | 09S | 17E | Duchesne | 8/20/98   |                |

WELL 3 COMMENTS: Spud well w/Leon Ross @ 2:30 pm, 8/12/98.  
 entity added 9.11.98 (greater boundary (GR) unit) KDR

| 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              | 12419          | 43-013-32004 | ASHLEY FED 16-1-9-15 | SE/SE         | 1  | 09S | 15E | Duchesne | 8/24/98   |                |

WELL 4 COMMENTS: Spud well w/Union #14 @ 3:00 pm, 8/24/98.  
 Ashley unit entity added 9.11.98 (Ashley unit) KDR

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER   | WELL NAME             | WELL LOCATION |    |     |     |          | SPUD DATE | EFFECTIVE DATE |
|-------------|--------------------|----------------|--------------|-----------------------|---------------|----|-----|-----|----------|-----------|----------------|
|             |                    |                |              |                       | QQ            | SC | TP  | RG  | COUNTY   |           |                |
|             | 99999              | 12460          | 43-013-32083 | CASTLE DRAW 15-4-9-17 | SW/SE         | 4  | 09S | 17E | Duchesne | 8/23/98   |                |

WELL 5 COMMENTS: Spud well w/Union #7 @ 2:00 pm, 8/23/98.  
 entity added 9.11.98. KDR

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.

Shannon Smith  
 Signature

Engineering Secretary 9/9/98  
 Title Date

OPERATOR Inland Production Company  
ADDRESS 410 17th St, Suite 700  
Denver, Colorado 80202

OPERATOR ACCT. NO. N 5160

| 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              | 12419          | 43-013-32003 | Ashley Fed 15-1 | SW/SE         | 1  | 09S | 15E | Duchesne | 9/1/98    |                |

1 COMMENTS: Spud well @ 1:30 pm, 9/1/98 w/ Union Rig #14  
Ashley Unit Entity added 9.11.98 (Ashley unit) KDR

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER   | WELL NAME            | WELL LOCATION |    |     |     |          | SPUD DATE | EFFECTIVE DATE |
|-------------|--------------------|----------------|--------------|----------------------|---------------|----|-----|-----|----------|-----------|----------------|
|             |                    |                |              |                      | QQ            | SC | TP  | RG  | COUNTY   |           |                |
| A           | 99999              | 12401          | 43-013-32071 | CASTLE DRAW 1-9-9-17 | WE/NW         | 9  | 09S | 17E | Duchesne | 8/31/98   |                |

2 COMMENTS: Spud well w/ Union #7 @ 1:00 pm, 8/31/98  
Entity added 9/11/98. KDR

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER   | WELL NAME            | WELL LOCATION |    |     |     |          | SPUD DATE | EFFECTIVE DATE |
|-------------|--------------------|----------------|--------------|----------------------|---------------|----|-----|-----|----------|-----------|----------------|
|             |                    |                |              |                      | QQ            | SC | TP  | RG  | COUNTY   |           |                |
| A           | 99999              | 12402          | 43-013-32077 | CASTLE DRAW 8-4-9-17 | SE/NE         | 4  | 09S | 17E | Duchesne | 9/8/98    |                |

3 COMMENTS: Spud well w/ Union #7 @ 1:00 pm, 9/8/98.  
Entity added 9/11/98. KDR

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION |    |    |    |        | SPUD DATE | EFFECTIVE DATE |
|-------------|--------------------|----------------|------------|-----------|---------------|----|----|----|--------|-----------|----------------|
|             |                    |                |            |           | QQ            | SC | TP | RG | COUNTY |           |                |
|             |                    |                |            |           |               |    |    |    |        |           |                |

4 COMMENTS:

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION |    |    |    |        | SPUD DATE | EFFECTIVE DATE |
|-------------|--------------------|----------------|------------|-----------|---------------|----|----|----|--------|-----------|----------------|
|             |                    |                |            |           | QQ            | SC | TP | RG | COUNTY |           |                |
|             |                    |                |            |           |               |    |    |    |        |           |                |

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)

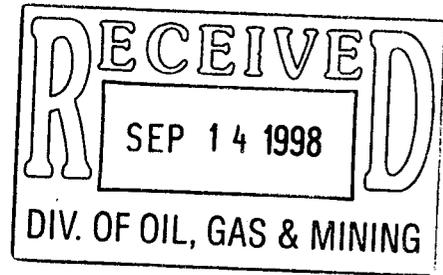
NOTE: Use COMMENT section to explain why each Action Code was selected.

Shannon Smith  
Signature

Engineering Secretary 9/9/98  
Date



September 10, 1998



State of Utah  
Division of Oil, Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Attn: Mr. Michael Hebertson

Re: Sundry Notices and Reports on Wells (Form 5)

Dear Mr. Hebertson:

Enclosed are the above referenced documents providing the weekly status or surface spud information for wells on our current drilling program. If you should have any questions, please contact me at (303) 382-4441.

Sincerely,

*Shannon Smith*

Shannon Smith  
Engineering Secretary

Enclosures

Cc: Bureau of Land Management  
Vernal District Office, Division of Minerals  
170 South 500 East  
Vernal, Utah 84078  
Well File – Denver  
Well File – Roosevelt

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-74826**

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 15-1**

9. API Well No.

**43-013-32003**

10. Field and Pool, or Exploratory Area

**ASHLEY**

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.

**410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102**

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

**797 FSL 1783 FEL SW/SE Section 1, T09S R15E**

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

TYPE OF SUBMISSION

Notice of Intent

Subsequent Report

Final Abandonment Notice

TYPE OF ACTION

Abandonment

Recompletion

Plugging Back

Casing Repair

Altering Casing

Other Surface Spud

Change of Plans

New Construction

Non-Routine Fracturing

Water Shut-Off

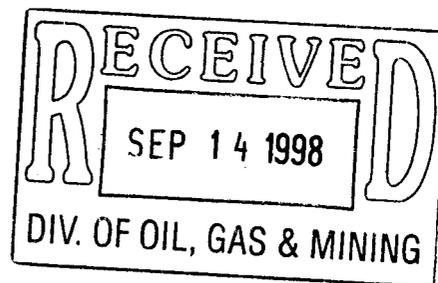
Conversion to Injection

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 direction-ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

MIRU. Drl & set MH & RH. Drl & set conductor. **SPUD WELL @ 1:30 PM, 9/1/98.** Drl Kelly dn. NU cellar. Drl 12-1/4" sfc hole 20' - 344'. C&C. TOH. ND cellar. Run 8-5/8" GS, 8 jt 8-5/8", 24#, J-55, ST & C csg, WHI "W92" csg head (322'). Csg set @ 332'. RU BJ. Pmp 20 bbl dye wtr & 20 bbl gel. Cmt w/140 sx Class "G" w/2% CC & 1/4#/sk Cello Flake (15.8 ppg 1.17 cf/sk yield). Est 6 bbl cmt returns. RD BJ. WOC. NU BOP's.



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

Signed

Shannon Smith

Title

Engineering Secretary

Date

9/10/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**

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

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-74826**

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 15-1**

9. AP Well No.

**43-013-32003**

10. Field and Pool, or Exploratory Area

**ASHLEY**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

SUBMIT IN TRIPLICATE

**RECEIVED**  
SEP 14 1998

DIV. OF OIL, GAS & MINING

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102**

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

**797 FSL 1783 FEL SW/SE Section 1, 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 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 THE PERIOD OF 8/28/98 - 9/9/98**

Drilled 7-7/8" hole w/Union, Rig #14 from 344' - 5950'.

Test BOP's. NU airbowl. TIH & blow down. Drl plug, cmt & GS. Srvy. X-O head rubber. Ran 5-1/2" GS, 1 jt 5-1/2" csg (42'), 5-1/2" FC, 137 jt 5-1/2", 15.5#, J-55, LT & C csg (5927'). Csg set @ 5936'. RD. RU BJ & circ. Pmp 20 bbl dye wtr & 20 bbl gel. Cmt w/300 sx Premium Lite Modified (11.0 ppg 3.42 cf/sk yield) & 360 sx Class "G" w/10% A-10 & 10% salt (14.4 ppg 1.63 cf/sk yield). Good returns until POB w/1700 psi, 11:45 am, 9/8/98. Est 9 bbl cmt returns. RD BJ. ND & wash BOP's. Set slips w/87,000#, dump pits & RD. Rig released 3:45 pm, 9/8/98. RDMOL.

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

Signed

Sharon Smith

Title

Engineering Secretary

Date

9/10/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**

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

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.<br><b>U-74826</b>             |
| 6. If Indian, Allottee or Tribe Name<br><b>NA</b>                 |
| 7. If Unit or CA, Agreement Designation<br><b>ASHLEY (GR RVR)</b> |
| 8. Well Name and No.<br><b>ASHLEY FEDERAL 15-1</b>                |
| 9. API Well No.<br><b>43-013-32003</b>                            |
| 10. Field and Pool, or Exploratory Area<br><b>ASHLEY</b>          |
| 11. County or Parish, State<br><b>DUCHESNE COUNTY, UTAH</b>       |

**SUBMIT IN TRIPLICATE**

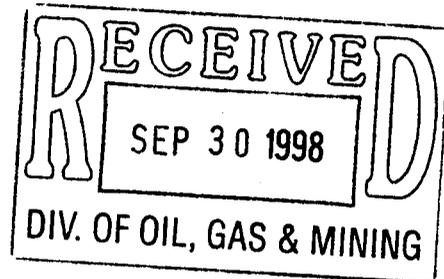
|   |
|---|
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other                  |
| 2. Name of Operator<br><b>INLAND PRODUCTION COMPANY</b>   |
| 3. Address and Telephone No.<br><b>410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102</b>  |
| 4. Location of Well (Footage, Sec., T., R., m., or Survey Description)<br><b>797 FSL 1783 FEL                      SW/SE Section 1, T09S R15E</b> |

| 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><input checked="" type="checkbox"/> Subsequent Report<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 checked="" 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.)\*

**WEEKLY STATUS REPORT FOR THE PERIOD OF 9/10/98 - 9/23/98**

Perf A/LDC sds @ 5296-5300', 5327-30', 5336-40', 5366-71', 5424-27', 5434-38', 5469-75' & 4492-97'.  
 Perf B sds @ 5114-20'.  
 Perf C sds @ 4968-73' & 4982-88'.



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

Signed Shannon Smith Title Engineering Secretary Date 9/28/98

(This space for Federal or State office use)

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

Conditions of approval, if any:

**CC: UTAH DOGM**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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-74826**

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 15-1**

9. API Well No.

**43-013-32003**

10. Field and Pool, or Exploratory Area

**ASHLEY**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well

|  |                                   |                                |
|--|-----------------------------------|--------------------------------|
| <input checked="" type="checkbox"/> Oil Well | <input type="checkbox"/> Gas Well | <input type="checkbox"/> Other |
|--|-----------------------------------|--------------------------------|

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102**

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

**797 FSL 1783 FEL SW/SE Section 1, T09S R15E**

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

**TYPE OF SUBMISSION**

|   |
|---|
| <input type="checkbox"/> Notice of Intent             |
| <input checked="" type="checkbox"/> Subsequent Report |
| <input type="checkbox"/> Final Abandonment Notice     |

**TYPE OF ACTION**

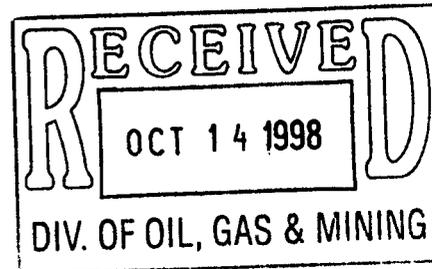
|  |  |
|--|--|
| <input type="checkbox"/> Abandonment                           | <input type="checkbox"/> Change of Plans         |
| <input type="checkbox"/> Recompletion                          | <input type="checkbox"/> New Construction        |
| <input type="checkbox"/> Plugging Back                         | <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 <b>Weekly Status</b> | <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 direction-ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**WEEKLY STATUS REPORT FOR THE PERIOD OF 9/24/98 - 10/7/98**

Swab well. Trip production tbg.  
Place well on production @ 3:30 pm, 9/30/98.



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

Signed Shannon Smith Title Engineering Secretary Date 10/9/98

(This space for Federal or State office use)

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

Conditions of approval, if any:

**CC: UTAH DOGM**

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

5. LEASE DESIGNATION AND SERIAL NO.

U-74826

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1a. TYPE OF WORK

OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

7. UNIT AGREEMENT NAME

ASHLEY

1b. TYPE OF WELL

NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF RESVR.  Other \_\_\_\_\_

8. FARM OR LEASE NAME, WELL NO.

ASHLEY FEDERAL 15-1

2. NAME OF OPERATOR

INLAND RESOURCES INC.

9. API WELL NO.

43-013-32003

3. ADDRESS AND TELEPHONE NO.

410 17th St. Suite 700 Denver, CO 80202

10. FIELD AND POOL OR WILDCAT

ASHLEY

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

At Surface  
SW/SE

At top prod. Interval reported below 797' FSL 1783' FEL

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

Section 1, T09S R15E

At total depth

14. PERMIT NO.  
43-013-32003

ISSUED 11-23-1998  
7/23/98

12. COUNTY OR PARISH

DUCHESNE

13. STATE

UT

15. DATE SPUNDED  
9/1/98

16. DATE T.D. REACHED  
9/7/98

17. DATE COMPL. (Ready to prod.)  
9/30/98

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

DIV. OF OIL, GAS & MINING

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5950'

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

5830'

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)\*

Green River 4968' - 5497'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIGL/SP/GR/CAL - CN/CD/GR

11-23-98

27. WAS WELL CORED

No

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

| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED |
|-------------------|-----------------|----------------|-----------|---------------------------------|---------------|
| 8-5/8             | 24#             | 332'           | 12-1/4    | 140 sx Class "G"                |               |
| 5-1/2             | 15.5#           | 5776'          | 7-7/8     | 300 sx Premium Lite Modified    |               |
|                   |                 |                |           | 360 sx Class "G"                |               |

29. LINER RECORD

30. TUBING RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE  | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|-------|----------------|-----------------|
|      |          |             |               |             | 2-7/8 | EOT @ 5566'    | TA @ 5281'      |

31. PERFORATION RECORD (Interval, size and number)

| INTERVAL   | SIZE  | NUMBER   |
|--|-------|----------|
| A/LDC 5296-5300', 5327-30', 5336-40', 5366-71', 5424-27', 5434-38', 5469-75', 5492-97' | 2 SPF | 68 Holes |
| B 5114-20' (See #37)   | 4 SPF | 24 Holes |

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED          |
|---------------------|---|
| 5296' - 5497'       | 142,060# 20/40 sd in 671 bbls Viking I-25 |
| 5114' - 5120'       | 41,400# 20/40 sd in 231 bbs Viking I-25   |

33.\* PRODUCTION

| DATE FIRST PRODUCTION | PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) | WELL STATUS (Producing or shut-in) |                         |           |             |                         |               |
|-----------------------|---|------------------------------------|-------------------------|-----------|-------------|-------------------------|---------------|
| 9/30/98               | 2-1/2" x 1-1/2" x 16' RHAC Pump                                       | Producing                          |                         |           |             |                         |               |
| DATE OF TEST          | HOURS TESTED  | CHOKE SIZE                         | PROD'N. FOR TEST PERIOD | OIL--BBL. | GAS--MCF.   | WATER--BBL.             | GAS-OIL RATIO |
| 10 day ave            | 10/1/98   |                                    | →                       | 71        | 128         | 1                       | 1.80          |
| 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 In Item #26

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

SIGNED Shannon Smith

TITLE Engineering Secretary

DATE 11/18/98

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

| 37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries); |       |        |   | 38. GEOLOGIC MARKERS |             |                  |
|---|-------|--------|---|----------------------|-------------|------------------|
| FORMATION   | TOP   | BOTTOM | DESCRIPTION, CONTENTS, ETC.                     | NAME                 | TOP         |                  |
|   |       |        |   |                      | MEAS. DEPTH | TRUE VERT. DEPTH |
| Garden Gulch Mkr  | 3772' |        | <u>Interval</u>                                 |                      |             |                  |
| Garden Gulch 2  | 4112' |        | C 4968-73', 4982-88'                            |                      |             |                  |
| Point 3 Mkr   | 4370' |        | 4 SPF            44 Holes                       |                      |             |                  |
| X Mkr   | 4638' |        | 4968' - 4988'                                   |                      |             |                  |
| Y-Mkr   | 4673' |        | 105,000# 20/40 sd in 525 bbls Viking I-25 fluid |                      |             |                  |
| Douglas Creek Mkr   | 4776' |        |   |                      |             |                  |
| BiCarbonate Mkr   | 5022' |        |   |                      |             |                  |
| B Limestone Mkr   | 5129' |        |   |                      |             |                  |
| Castle Peak   | 5675' |        |   |                      |             |                  |
| Basal Carbonate   | NDE   |        |   |                      |             |                  |
| Total Depth   | 5950' |        |   |                      |             |                  |



July 22, 1999

*UIC-242.1*

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

RE: Permit Application for Water Injection Well  
Ashley Federal #15-1-9-15  
Monument Butte Field, Ashley Unit, Lease #UTU-74826  
Section 1-Township 9S-Range 15E  
Duchesne County, Utah

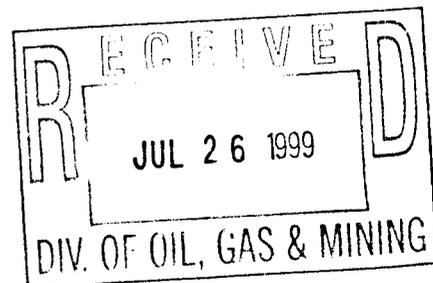
Dear Mr. Jarvis:

Inland Production Company herein requests approval to convert the Ashley Federal #15-1-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; in addition, we have included a cement bond log for your convenience. We would much appreciate the return of said log when you no longer need it, however. If you have any questions or require additional information, please contact Jon Holst at (303) 893-0102.

Sincerely,

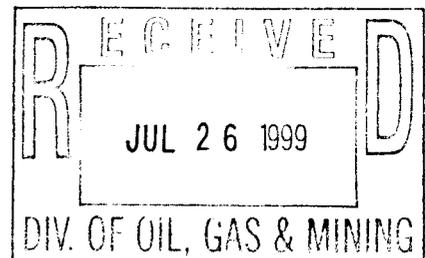
John E. Dyer  
Chief Operating Officer



**INLAND PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**ASHLEY FEDERAL #15-1-9-15**  
**ASHLEY UNIT**  
**MONUMENT BUTTE (GREEN RIVER) FIELD**  
**LEASE #UTU-74826**  
**JULY 22, 1999**

**TABLE OF CONTENTS**

**LETTER OF INTENT**  
**COVER PAGE**  
**TABLE OF CONTENTS**  
**UIC FORM 1 – APPLICATION FOR INJECTION WELL**  
**WELLBORE DIAGRAM OF PROPOSED INJECTION**  
**WORK PROCEDURE FOR INJECTION CONVERSION**  
**COMPLETED RULE R615-5-1 QUESTIONNAIRE**  
**COMPLETED RULE R615-5-2 QUESTIONNAIRE**  
**ATTACHMENT A ONE-HALF MILE RADIUS MAP**  
**ATTACHMENT A-1 WELL LOCATION PLAT**  
**ATTACHMENT B LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS**  
**ATTACHMENT C CERTIFICATION FOR SURFACE OWNER NOTIFICATION**  
**ATTACHMENT E WELLBORE DIAGRAM – ASHLEY FEDERAL #15-1-9-15**  
**ATTACHMENT E-1 WELLBORE DIAGRAM – ASHLEY FEDERAL #11-1-9-15**  
**ATTACHMENT E-2 WELLBORE DIAGRAM – ASHLEY FEDERAL #10-1-9-15**  
**ATTACHMENT E-3 WELLBORE DIAGRAM – ASHLEY FEDERAL #14-1-9-15**  
**ATTACHMENT E-4 WELLBORE DIAGRAM – ASHLEY FEDERAL #16-1-9-15**  
**ATTACHMENT E-5 WELLBORE DIAGRAM – ASHLEY FEDERAL #1-12-9-15**  
**ATTACHMENT E-6 WELLBORE DIAGRAM – ASHLEY FEDERAL #2-12-9-15**  
**ATTACHMENT E-7 WELLBORE DIAGRAM – ASHLEY FEDERAL #9-1-9-15**  
**ATTACHMENT E-8 WELLBORE DIAGRAM – NINE MILE #13-6-9-16**  
**ATTACHMENT F WATER ANALYSIS OF THE FLUID TO BE INJECTED**  
**ATTACHMENT F-1 WATER ANALYSIS OF THE FLUID IN THE FORMATION**  
**ATTACHMENT F-2 WATER ANALYSIS OF THE COMPATIBILITY OF THE FLUIDS**  
**ATTACHMENT G FRACTURE GRADIENT CALCULATIONS**  
**ATTACHMENT G-1 COMPLETION REPORT DATED 9/17/98 TO 9/22/98**  
**ATTACHMENT H WORK PROCEDURE FOR PROPOSED PLUGGING AND ABANDONMENT**  
**ATTACHMENT H-1 WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL**



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Inland Production Company  
ADDRESS 410 17th Street, Suite 700  
Denver, Colorado 80202

Well Name and number: Ashley Federal #15-1-9-15  
Field or Unit name: Monument Butte (Green River) Ashley Unit Lease No. UTU-74826  
Well Location: QQ SWSE section 1 township 9S range 15E county Duchesne

Is this application for expansion of an existing project? ..... Yes [ X ] No [ ]  
Will the proposed well be used for: Enhanced Recovery? ..... Yes [ X ] No [ ]  
Disposal? ..... Yes [ ] No [ X ]  
Storage? ..... Yes [ ] No [ X ]  
Is this application for a new well to be drilled? ..... Yes [ ] No [ X ]  
If this application is for an existing well,  
has a casing test been performed on the well? ..... Yes [ X ] No [ ]  
Date of test: 9/17/98  
API number: 43-013-32003

Proposed injection interval: from 4968' to 5497'  
Proposed maximum injection: rate 500 bpd pressure 2285 psig  
Proposed injection zone contains [ x ] oil, [ ] gas, and/or [ ] fresh water within 1/2  
mile of the well.

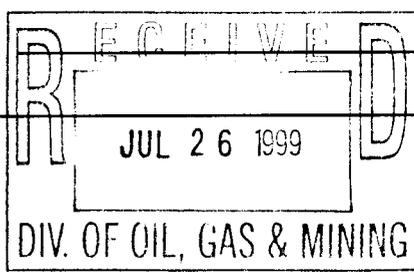
IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Exhibits "A" through "G"

I certify that this report is true and complete to the best of my knowledge  
Name: John E. Dyer Signature [Signature]  
Title: Chief Operating Officer Date: 7/22/99  
Phone No. (303) 893-0102

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

Comments:



# Ashley Unit #15-1-9-15

Spud Date: 9/1/98  
 Put on Production: 9/30/98  
 GL: 5951' KB: 5961'

Initial Production: 71 BOPD;  
 128 MCFD; 1 BWPD

## SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts. (322')  
 DEPTH LANDED: 332'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 140 sxs Class "G" cmt, est 6 bbls to surf.

## PRODUCTION CASING

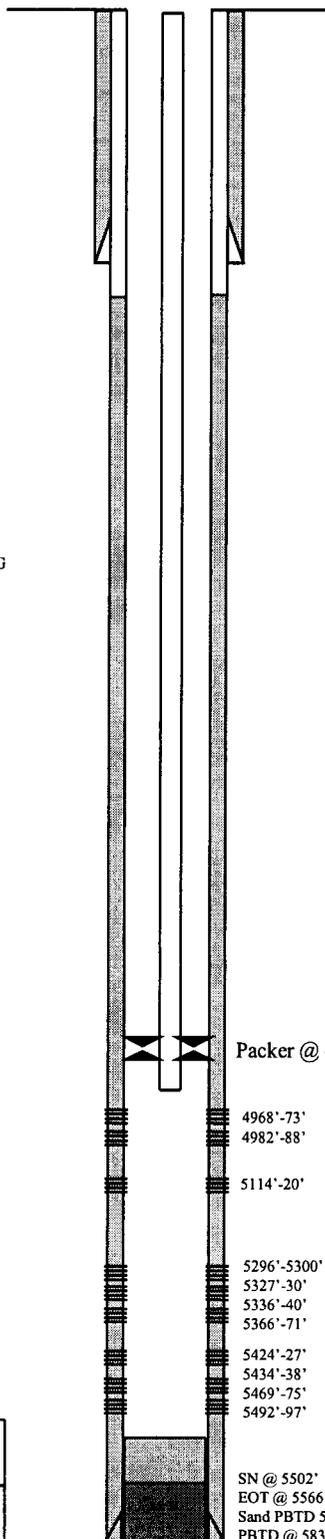
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts. (5927')  
 SET AT: 5936'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Premium modified mixed & 360 sxs class G  
 CEMENT TOP AT: 648' per cement bond log(Schlumberger)

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 164 jts  
 PACKER: 4918'  
 SEATING NIPPLE: 2-7/8"  
 TOTAL STRING LENGTH: 4920'  
 SN LANDED AT: 4916'

LOGS: DIGL/SP/GR/CAL  
 SDL/DSN/GR

## Proposed Injection Wellbore Diagram



## FRAC JOB

9/17/98 5296'-5497' **Frac A-3 & LODC sands as follows:**  
 142,060# 20/40 sand in 671 bbls Viking I-25 fluid. Perfs broke back @ 3580 psi. Treated @ avg press of 2300 psi w/avg rate of 42.2 BPM. ISIP: 2700 psi, 5-min 2233 psi. Flowback on 12/64 choke for 4 hours and died.

9/19/98 5114'-5120' **Frac B-2 sand as follows:**  
 41,400# 20/40 sand in 231 bbls Viking I-25 fluid. Perfs broke back @ 2450 psi. Pressure increased to 2850 psi before dropping back to 2250 psi when sand hit perfs. With sand on perfs pressure increased rapidly to max pressure. Screened out w/6.2# sand on pers. Est 14,469# sand in formation, 26,931# sand left in casing. Flowback on 12/64 choke for 2-1/2 hours and died.

9/22/98 4968'-4988' **Frac C-SD sand as follows:**  
 105,000# 20/40 sand in 525 bbls Viking I-25 fluid. Perfs broke back @ 3550 psi. Treated @ avg press of 1900 psi w/avg rate of 26 BPM. ISIP: 2470 psi, 5-min 1770 psi. Flowback on 12/64 choke for 4 hours and died.

## PERFORATION RECORD

| Date    | Interval    | Holes           |
|---------|-------------|-----------------|
| 9/17/98 | 5296'-5300' | 2 JSPF 8 holes  |
| 9/17/98 | 5327'-5330' | 2 JSPF 6 holes  |
| 9/17/98 | 5336'-5340' | 2 JSPF 8 holes  |
| 9/17/98 | 5366'-5371' | 2 JSPF 10 holes |
| 9/17/98 | 5424'-5427' | 2 JSPF 6 holes  |
| 9/17/98 | 5434'-5438' | 2 JSPF 8 holes  |
| 9/17/98 | 5469'-5475' | 2 JSPF 12 holes |
| 9/17/98 | 5492'-5497' | 2 JSPF 10 holes |
| 9/18/98 | 5114'-5120' | 4 JSPF 24 holes |
| 9/22/98 | 4968'-4973' | 4 JSPF 20 holes |
| 9/22/98 | 4982'-4988' | 4 JSPF 24 holes |

SN @ 5502'  
 EOT @ 5566'  
 Sand PBTD 5828'  
 PBTD @ 5830'  
 TD @ 5950'



**Inland Resources Inc.**

**Ashley Unit #15-1-9-15**

1783 FEL 797 FSL  
 SWSE Section 1-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32003; Lease #U-74826

## **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, 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.**

Inland Production Company  
410 17<sup>th</sup> Street, Suite 700  
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 #15-1-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, Ashley Unit.
  
  - 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. In the Ashley Federal #15-1-9-15 well, the proposed injection zone is from 4968' - 5497'. The confining strata directly above and below the injection zones are the top of the Garden Gulch formation and the Basal Carbonate. 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.
  
  - 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Ashley Federal #15-1-9-15 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 from the Johnson Water District supply line. 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.**

Inland 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-74826) in the Monument Butte (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 Attachment A and A-1.
  
  - 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#, J-55 surface casing run to 332' GL, and the 5-1/2" casing run from surface to 5936' 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 injected is culinary water from the Johnson Water District supply line. 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, F-1, and F-2.

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

The proposed average injection pressure will be approximately 1500 psig and the maximum injection pressure will not exceed 2285 psig.

**2.9 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 #15-1-9-15, for proposed zones (4968'-5497') calculates at .895 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 2285 psig. See Attachment G through G-1.

**2.10 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 #15-1-9-15, the injection zone (4968'-5497') is in the Douglas Creek member of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The Douglas Creek member is 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' within the Monument Butte area. 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.

**2.11 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-8.

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.

**2.12 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.

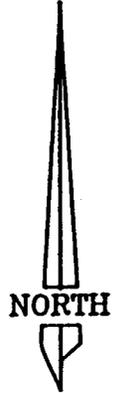
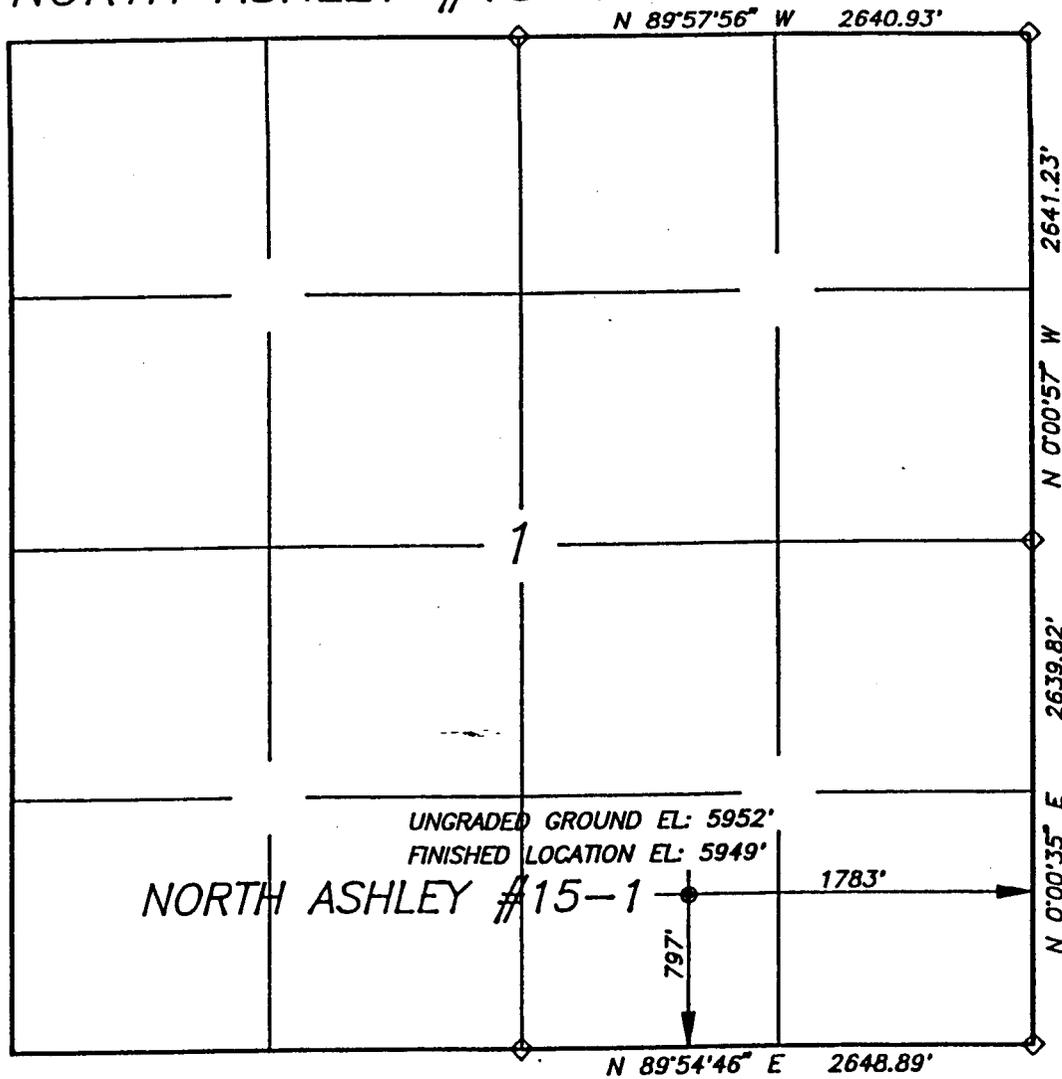
**2.13 Any other information that the Board or Division may determine is necessary to adequately review the application.**

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



**INLAND PRODUCTION CO.  
WELL LOCATION PLAT  
NORTH ASHLEY #15-1**

LOCATED IN THE SW1/4 OF THE SE1/4  
SECTION 1, T9S, R15E, S.L.B.&M.



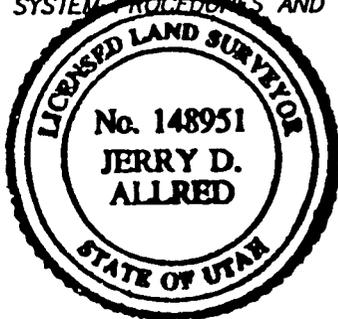
SCALE: 1" = 1000'

**LEGEND AND NOTES**

◇ ORIGINAL CORNER MONUMENTS FOUND AND USED BY THIS SURVEY.

THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS, AS WAS THE U.S.G.S. QUADRANGLE MAP.

THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT.

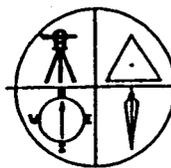


**SURVEYOR'S CERTIFICATE**

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

*Jerry D. Allred*

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



**JERRY D. ALLRED & ASSOCIATES  
SURVEYING CONSULTANTS**

121 NORTH CENTER STREET  
P.O. BOX 975  
DUCHESNE, UTAH 84021  
(801)-738-5352

EXHIBIT B

Page 1

| # | Land Description  | Minerals Ownership &<br>Expires | Minerals<br>Leased By   | Surface Rights          |
|---|---|---------------------------------|---|-------------------------|
| 1 | <u>Township 9 South, Range 15 East</u><br>Section 1: All<br>Section 3: All<br>Section 10: All<br>Section 11: All<br>Section 12: All                       | U-74826<br>HBP                  | Inland Production Company   | (Surface Rights)<br>USA |
| 2 | <u>Township 9 South, Range 16 East</u><br>Section 6: All<br>Section 7: All<br>Section 8: W/2<br>Section 17: NW/4<br>Section 18: Lots 1 & 2, NE/4, E/2NW/4 | UTU-74390<br>HBP                | Inland Production Company<br>Yates Petroleum Corporation<br>Yates Drilling Company<br>Abo Petroleum Corporation<br>Myco Industries Inc. | (Surface Rights)<br>USA |

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Ashley Federal #15-1-9-15

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:   
Inland Production Company  
John E. Dyer  
Chief Operating Officer

Sworn to and subscribed before me this 22nd day of July, 1999.

Notary Public in and for the State of Colorado: Patsy A. Barreau



My Commission Expires 11/14/2000

# Attachment E

## Ashley Unit #15-1-9-15

Spud Date: 9/1/98  
 Put on Production: 9/30/98  
 GL: 5951' KB: 5961'

Initial Production: 71 BOPD;  
 128 MCFD; 1 BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts.(322')  
 DEPTH LANDED: 332'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 140 sxs Class "G" cmt, est 6 bbls to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts. (5927')  
 SET AT: 5936'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Premium modified mixed & 360 sxs class G  
 CEMENT TOP AT: 648' per cement bond log(Schlumberger)

*MDT -> 80% TD 2550*

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 170 jts  
 TUBING ANCHOR: 5281'  
 SEATING NIPPLE: 2-7/8"  
 TOTAL STRING LENGTH: 5566'  
 SN LANDED AT: 5502'

### SUCKER RODS

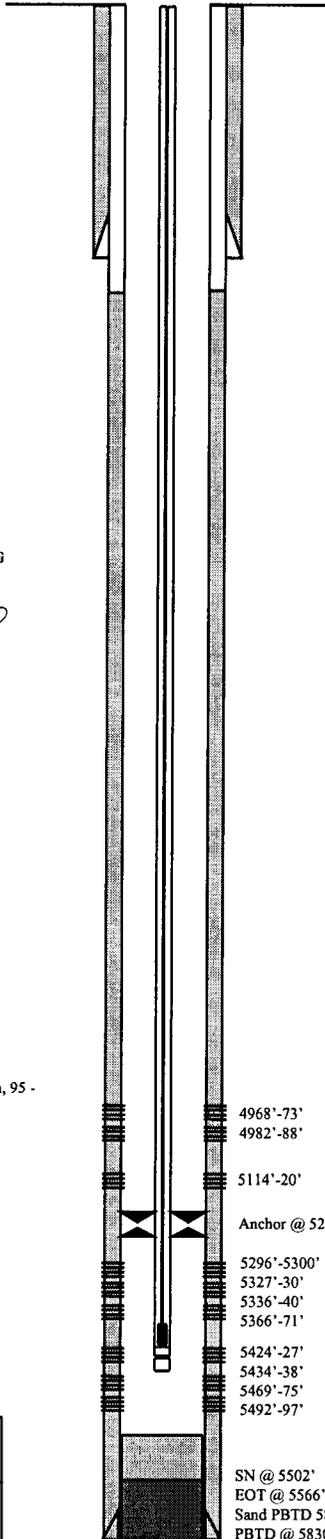
POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 4 - 1-1/2" wt rods, 4 - 3/4" scraped, 116 - 3/4" plain, 95 - 3/4" scraped, 1 - 8", 1 - 6", 1 - 4", 1 - 2' x 3/4" pony rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC Pump  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 9 SPM  
 LOGS: DIGL/SP/GR/CAL  
 SDL/DSN/GR

### FRAC JOB

9/17/98 5296'-5497' **Frac A-3 & LODC sands as follows:**  
 142,060# 20/40 sand in 671 bbls Viking I-25 fluid. Perfs broke back @ 3580 psi. Treated @ avg press of 2300 psi w/avg rate of 42.2 BPM. ISIP: 2700 psi, 5-min 2233 psi. Flowback on 12/64 choke for 4 hours and died.

9/19/98 5114'-5120' **Frac B-2 sand as follows:**  
 41,400# 20/40 sand in 231 bbls Viking I-25 fluid. Perfs broke back @ 2450 psi. Pressure increased to 2850 psi before dropping back to 2250 psi when sand hit perfs. With sand on perfs pressure increased rapidly to max pressure. Screened out w/6.2# sand on pers. Est 14,469# sand in formation, 26,931# sand left in casing. Flowback on 12/64 choke for 2-1/2 hours and died.

9/22/98 4968'-4988' **Frac C-SD sand as follows:**  
 105,000# 20/40 sand in 525 bbls Viking I-25 fluid. Perfs broke back @ 3550 psi. Treated @ avg press of 1900 psi w/avg rate of 26 BPM. ISIP: 2470 psi, 5-min 1770 psi. Flowback on 12/64 choke for 4 hours and died.



### PERFORATION RECORD

| Date    | Depth Range | Perforation Type | Number of Holes |
|---------|-------------|------------------|-----------------|
| 9/17/98 | 5296'-5300' | 2 JSFP           | 8 holes         |
| 9/17/98 | 5327'-5330' | 2 JSFP           | 6 holes         |
| 9/17/98 | 5336'-5340' | 2 JSFP           | 8 holes         |
| 9/17/98 | 5366'-5371' | 2 JSFP           | 10 holes        |
| 9/17/98 | 5424'-5427' | 2 JSFP           | 6 holes         |
| 9/17/98 | 5434'-5438' | 2 JSFP           | 8 holes         |
| 9/17/98 | 5469'-5475' | 2 JSFP           | 12 holes        |
| 9/17/98 | 5492'-5497' | 2 JSFP           | 10 holes        |
| 9/18/98 | 5114'-5120' | 4 JSFP           | 24 holes        |
| 9/22/98 | 4968'-4973' | 4 JSFP           | 20 holes        |
| 9/22/98 | 4982'-4988' | 4 JSFP           | 24 holes        |



**Inland Resources Inc.**

**Ashley Unit #15-1-9-15**

1783 FEL 797 FSL

SWSE Section 1-T9S-R15E

Duchesne Co, Utah

API #43-013-32003; Lease #U-74826

# Attachment E-1

## Ashley Federal #11-1

Spud Date: 9/16/98  
 Put on Production: 10/12/98  
 GL: 5940' KB: 5950'

Initial Production: 99 BOPD,  
 246 MCFPD, 4 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 293'  
 DEPTH LANDED: 302'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 140 sxs Premium cmt, est 2 bbls to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 139 jts. (5956')  
 DEPTH LANDED: 5965'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 270 sxs Premium Lite mixed & 320 sxs Class G  
 CEMENT TOP AT: 318'

*MDS: > 80% TO 3195*

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 183 jts  
 TUBING ANCHOR: 5682'  
 3 jts tubing  
 SEATING NIPPLE: 5779'  
 2 jts tubing  
 2-7/8" NC  
 TOTAL STRING LENGTH: EOT @ 5842'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 4-11/2" wt rods, 4-3/4" scraped, 127-3/4" plain, 95-3/4" scraped, 1 - 4' x 3/4" pony rod  
 PUMP SIZE: 2-1/2" x 1-1/2" x 16" RHAC rod pump  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 6 SPM  
 LOGS: CNL/CDL/GR  
 DIFL/SP/GR/CAL

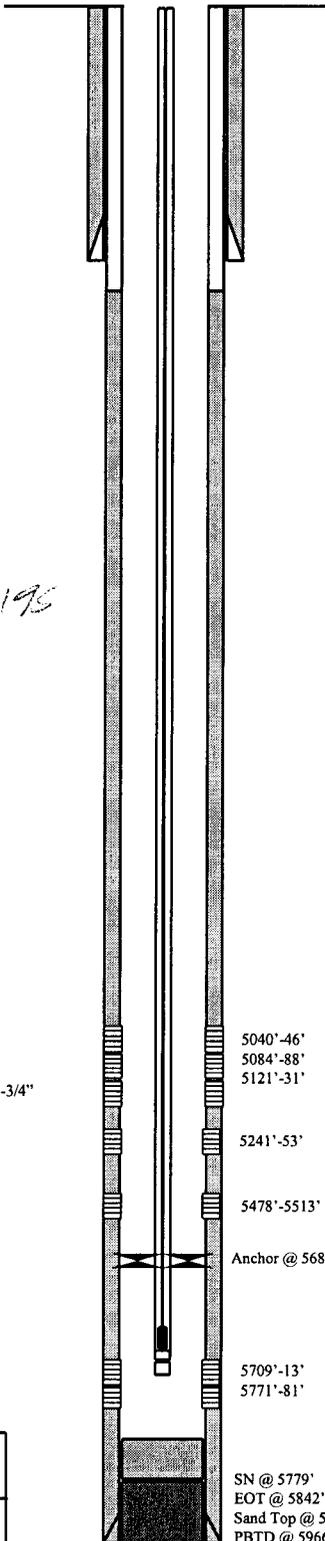
**FRAC JOB**

9/30/98 5709'-5781' **Frac CP-0.5 & CP-1 sands as follows:**  
 95,644# 20/40 sand in 530 bbls Viking I-25 fluid. Perfs broke down @ 4000 psi. Treated @ avg press of 1710 psi. w/avg rate of 29 BPM. ISIP-2400 psi, 5-min 2111 psi. Flowback on 12/64" choke for 4-1/2 hours and died.

10/2/98 5478'-5513' **Frac LODC sand as follows:**  
 105,753# 20/40 sand in 564 bbls Viking I-25 fluid. Perfs broke down @ 3537 psi. Treated @ avg press of 1775 psi. w/avg rate of 29.9 BPM. ISIP-2150 psi, 5-min 2069 psi. Flowback on 12/64" choke for 4-1/2 hours and died.

10/5/98 5241'-5253' **Frac A-1 sand as follows:**  
 102,644# 20/40/ sand in 532 bbls Viking I-25 fluid. Perfs broke down @ 3688 psi. Treated @ avg press of 2500 psi. w/avg rate of 28.6 BPM. ISIP-3200 psi, 5-min 2894 psi. Flowback on 12/64" choke for 3 hours and died.

10/7/98 5040'-5131' **Frac B-0.5, B-1 & B-2 sands as follows:**  
 108,458# 20/40/ sand in 545 bbls Viking I-25 fluid. Perfs broke down @ 3088 psi. Treated @ avg press of 2600 psi. w/avg rate of 30.5 BPM. ISIP-2800 psi, 5-min 2855 psi. Flowback on 12/64" choke for 2-1/2 hours and died.



**PERFORATION RECORD**

| Date    | Depth Range | Perforations | Holes    |
|---------|-------------|--------------|----------|
| 9/29/98 | 5709'-5713' | 4 JSPF       | 16 holes |
| 9/29/98 | 5771'-5781' | 4 JSPF       | 40 holes |
| 10/1/98 | 5478'-5513' | 4 JSPF       | 70 holes |
| 10/3/98 | 5241'-5253' | 4 JSPF       | 48 holes |
| 10/6/98 | 5040'-5046' | 4 JSPF       | 24 holes |
| 10/6/98 | 5084'-5088' | 4 JSPF       | 16 holes |
| 10/6/98 | 5121'-5153' | 4 JSPF       | 48 holes |

SN @ 5779'  
 EOT @ 5842'  
 Sand Top @ 5946'  
 PBD @ 5966'  
 TD @ 6000'

**Inland Resources Inc.**

**Ashley Federal #11-1**

1981 FSL 1978 FWL

NSW Section 1-T9S-R15E

Duchesne Co, Utah

API #43-013-31926; Lease #U-74826

# Ashley Federal #10-1

Spud Date: 7/15/97  
 Put on Production: 8/16/97  
 GL: 5381' KB: 5391'

Initial Production: 115  
 BOPD, 83 MCFPD, 3 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 6 jts. (287.73')  
 DEPTH LANDED: 297.48' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 155 sxs Premium cmt, est 8 bbls to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 140 jts. (5927.70')  
 DEPTH LANDED: 5983' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 325 sxs Hibond mixed & 305 sxs thixotropic  
 CEMENT TOP AT: NA per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M - 50 / 6.5#  
 NO. OF JOINTS: 173 jts  
 TUBING ANCHOR: 5301'KB  
 SEATING NIPPLE: 2-7/8" (1.10")  
 TOTAL STRING LENGTH: 5461'KB  
 SN LANDED AT: 5397'KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' polished rod  
 SUCKER RODS: 1 - 8', 1 - 6', 1 - 4', 1 - 2'-3/4" pony rods, 99 - 3/4" scapered rods, 111 - 3/4" plain rods, 4 - 1" scapered  
 PUMP SIZE: 2-1/2" x 1-1/2" x 16 RTBC rod pump  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 6 SPM  
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

**FRAC JOB**

8/5/97 5704'-5849' **Frac CP sand as follows:**  
 110,800# of 20/40 sand in 508 bbls of Boragel. Breakdown @ 3259 psi.  
 Treated @ avg rate of 30.5 bpm w/avg press of 6450 psi. ISIP-2328 psi, 5-min 1931 psi. Flowback on 12/64" ck for 3 - 1/2 hours and died.

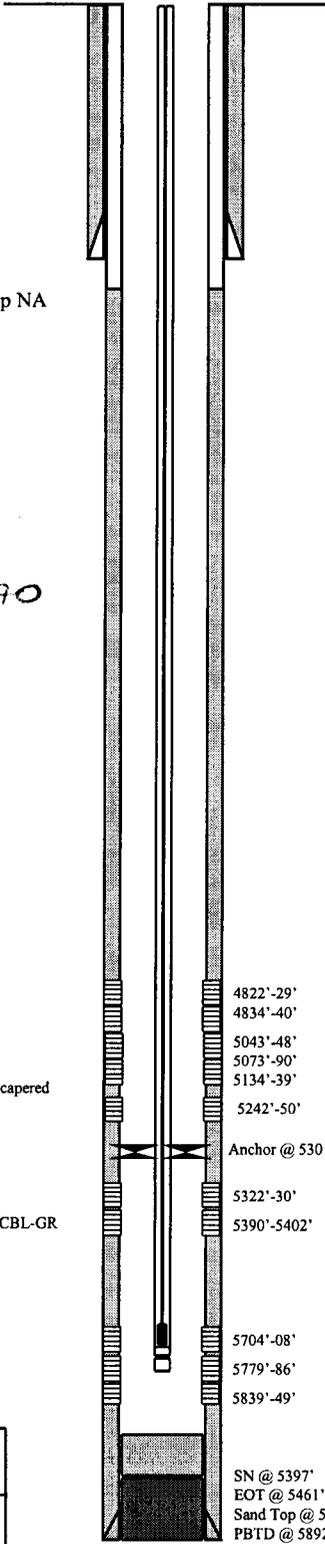
8/7/97 5242'-5402' **Frac A sand as follows:**  
 116,900# of 20/40 sand in 461 bbls of Hybor gel. Breakdown @ 2637 psi.  
 Treated @ avg rate of 34.8 bpm w/avg press of 4500 psi. ISIP-4114. Screen Out.

8/9/97 5043'-5139' **Frac B sands as follows:**  
 122,900# of 20/40 sand in 509 bbls of # Boragel. Breakdown @ 4750 psi.  
 Treated @ avg rate of 28.0 bpm w/avg press of 6856 psi. ISIP-2093 psi, 5-min 2033 psi. Flowback on 12/64" ck for 3 - 1/2 hours and died.

8/12/97 4822'-4840' **Frac D sands as follows:**  
 104,000# of 20/40 sand in 461 bbls of # Boragel. Breakdown @ 3271 psi.  
 Treated @ avg rate of 25.8 bpm w/avg press of 5100 psi. ISIP-2938 psi, 5-min 2676 psi. Flowback on 12/64" ck for 4 hours and died.

Cement Top NA

78090 to 1370



4822'-29'  
 4834'-40'  
 5043'-48'  
 5073'-90'  
 5134'-39'  
 5242'-50'  
 Anchor @ 5301'  
 5322'-30'  
 5390'-5402'  
 5704'-08'  
 5779'-86'  
 5839'-49'

**PERFORATION RECORD**

| Date    | Depth Range | Number of Holes |
|---------|-------------|-----------------|
| 8/5/97  | 5839'-5849' | 4 JSFP 40 holes |
| 8/5/97  | 5704'-5708' | 4 JSFP 16 holes |
| 8/5/97  | 5779'-5786' | 4 JSFP 28 holes |
| 8/7/97  | 5390'-5402' | 4 JSFP 48 holes |
| 8/7/97  | 5322'-5330' | 4 JSFP 32 holes |
| 8/7/97  | 5242'-5250' | 4 JSFP 32 holes |
| 8/9/97  | 5134'-5139' | 4 JSFP 20 holes |
| 8/9/97  | 5073'-5090' | 4 JSFP 68 holes |
| 8/9/97  | 5043'-5048' | 4 JSFP 20 holes |
| 8/12/97 | 4834'-4840' | 4 JSFP 24 holes |
| 8/12/97 | 4822'-4829' | 4 JSFP 28 holes |

SN @ 5397'  
 EOT @ 5461'  
 Sand Top @ 5850'  
 PBTB @ 5892'  
 TD @ 5938'



**Inland Resources Inc.**

**Ashley Federal #10-1**

1825 FWL 1785 FNL  
 NENE Section 1-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-31825; Lease #U-74826

# Attachment E-3

## Ashley Unit #14-1-9-15

Spud Date: 9/23/98  
 Put on Production: 10/22/98  
 GL: 5976' KB: 5986'

Initial Production: 33 BOPD;  
 392 MCFD; 11 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts.(290')  
 DEPTH LANDED: 300'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 140 sxs Class "G" cmt, & 100 sxs Class "G" neat, est 12 bbls to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 136 jts. (5972')  
 SET AT: 5981'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 260 sxs Premium modified mixed & 310 sxs class G  
 CEMENT TOP AT: 630' per cement bond log(Schlumberger)

*> 80 90 50 3040*

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 189 jts  
 TUBING ANCHOR: 5696'  
 SEATING NIPPLE: 2-7/8"  
 TOTAL STRING LENGTH: 5819'  
 SN LANDED AT: 5789'

**SUCKER RODS**

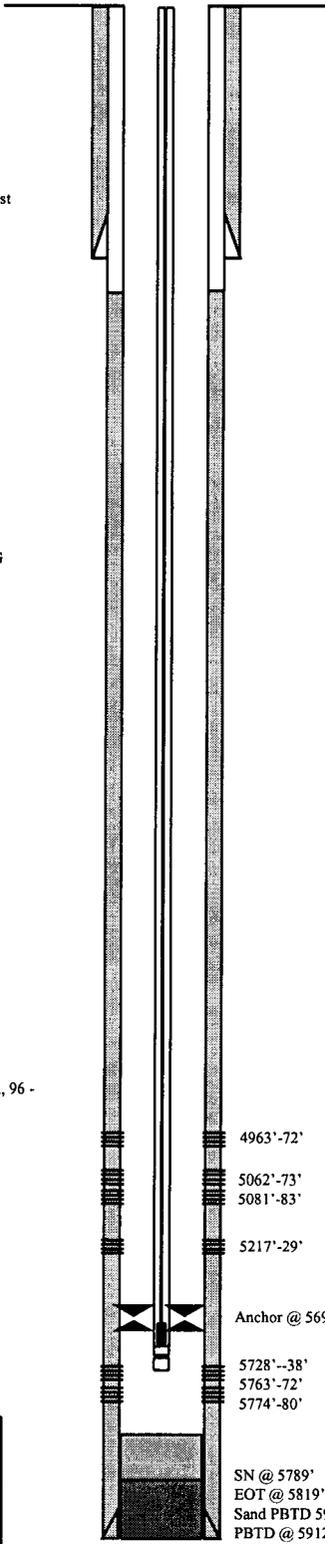
POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 4 - 1-1/2" wt rods, 4 - 3/4" scrapered, 127 - 3/4" plain, 96 - 3/4" scrapered, 1 - 4' x3/4" pony.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 15-1/2' RHAC Pump  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 6 SPM  
 LOGS: DIGL/SP/GR/CAL  
 SDL/DSN/GR

**FRAC JOB**

10/14/98 5728'-5780' **Frac CP-1 sand as follows:**  
 112,000# 20/40 sand in 541 bbls Viking I-25 fluid. Perfs broke back @ 3710 psi. Treated @ avg press of 1710 psi w/avg rate of 29 BPM. ISIP: 2800 psi, 5-min 2570 psi. Flowback on 12/64 choke for 4 hours and died.

10/16/98 5217'-5229' **Frac A-1 sand as follows:**  
 Well screened out @ 2604 gal into flush, getting 98,594# of 20/40 sand in formation and leaving 17,298# sand in casing, used 503 bbls of Viking I-25 fluid. Perfs broke down @ 2170 psi. Treated @ avg press of 2750 psi w/avg rate of 28.7 bpm. ISIP 3100 psi, 5-min 2400 psi. Flowback on 12/64" choke for 2 hours and died.

10/19/98 4963'-5083' **Frac B-1 sand as follows:**  
 116,853# 20/40 sand in 568 bbls Viking I-25 fluid. Perfs broke back @ 2600 psi. Treated @ avg press of 1850 psi w/avg rate of 32 BPM. ISIP: 2500 psi, 5-min 2251 psi. Flowback on 12/64 choke for 2 hours and died.



**PERFORATION RECORD**

| Date     | Interval    | Number of Holes | Hole Type     |
|----------|-------------|-----------------|---------------|
| 10/13/98 | 5728'-5738' | 4               | JSPF 40 holes |
| 10/13/98 | 5763'-5772' | 4               | JSPF 36 holes |
| 10/13/98 | 5774'-5780' | 4               | JSPF 24 holes |
| 10/15/98 | 5217'-5229' | 4               | JSPF 44 holes |
| 10/17/98 | 4963'-4972' | 4               | JSPF 36 holes |
| 10/17/98 | 5062'-5073' | 4               | JSPF 40 holes |
| 10/17/98 | 5081'-5083' | 4               | JSPF 8 holes  |



**Inland Resources Inc.**

**Ashley Unit #14-1-9-15**

1783 FWL 833 FSL

SESW Section 1-T9S-R15E

Duchesne Co, Utah

API #43-013-32002; Lease #U-74826

## Ashley Unit #16-1-9-15

Spud Date: 8/24/98  
 Put on Production: 9/26/98  
 GL: 5954' KB: 5964'

Initial Production: 66 BOPD;  
 106 MCFD; 5 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts.(315')  
 DEPTH LANDED: 325'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 140 sxs Class "G" cmt, est 8 bbls to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 138 jts. (5931')  
 SET AT: 5941'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 270 sxs Premium modified mixed & 305 sxs class "G"  
 CEMENT TOP AT: 405' per cement bond log(Schlumberger)

79070 TO 2786

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 170 jts  
 TUBING ANCHOR: 5266'  
 SEATING NIPPLE: 2-7/8"  
 TOTAL STRING LENGTH: 5614'  
 SN LANDED AT: 5550'

**SUCKER RODS**

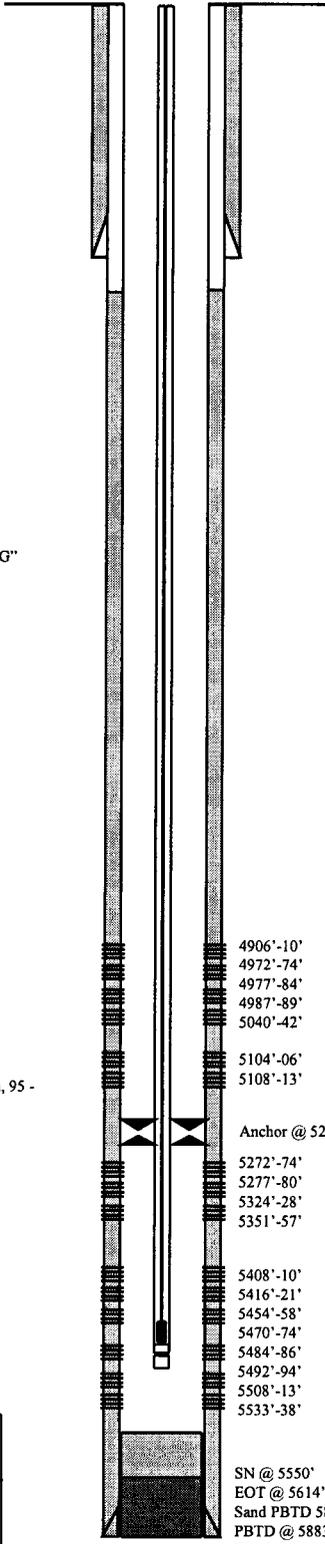
POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 4 - 1-1/2" wt rods, 4 - 3/4"scrapered, 118 - 3/4" plain, 95 - 3/4" scrapered, 1 - 8", 1 - 6", 1 - 4"x3/4" pony rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC Pump  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 6 SPM  
 LOGS: DIGL/SP/GR/CAL  
 SDL/DSN/GR

**FRAC JOB**

9/17/98 5272'-5538' **Frac A-3 & LODC sands as follows:**  
 165,220# 20/40 sand in 750 bbls Viking I-25 fluid. Perfs broke back @ 3047 psi. Treated @ avg press of 2200 psi w/avg rate of 43.6 BPM. ISIP: 2800 psi, 5-min 2566 psi. Flowback on 12/64 choke for 4 hours and died.

9/19/98 5104'-5113' **Frac B-2 sand as follows:**  
 109,511# 20/40 sand in 523 bbls Viking I-25 fluid. Perfs broke back @ 3707 psi. Treated @ avg press of 2000 psi w/avg rate of 26.6 BPM. Screened out w/9# sand on formation w/1251 gal left to flush. Est 100,881# sand in formation, 8,612# sand left in casing. ISIP: 3200 psi, 5-min 1525 psi. Flowback on 12/64 choke for 2-1/2hours and died.

9/22/98 4906'-5042' **Frac D-2 & B-0.5 sand as follows:**  
 128,020# 20/40 sand in 592 bbls Viking I-25 fluid. Perfs broke back @ 3178 psi @ 18 BPM. Treated @ avg press of 2200 psi w/avg rate of 29.5 BPM. ISIP: 2800 psi, 5-min 1995 psi. Flowback on 12/64 choke for 4 hours and died.



4906'-10'  
 4972'-74'  
 4977'-84'  
 4987'-89'  
 5040'-42'

5104'-06'  
 5108'-13'

Anchor @ 5266'

5272'-74'  
 5277'-80'  
 5324'-28'  
 5351'-57'

5408'-10'  
 5416'-21'  
 5454'-58'  
 5470'-74'  
 5484'-86'  
 5492'-94'  
 5508'-13'  
 5533'-38'

**PERFORATION RECORD**

| Date    | Depth Range | Perforation Type | Number of Holes |
|---------|-------------|------------------|-----------------|
| 9/16/98 | 5272'-5274' | 2 JSPP           | 4 holes         |
| 9/16/98 | 5277'-5280' | 2 JSPP           | 6 holes         |
| 9/16/98 | 5324'-5328' | 2 JSPP           | 8 holes         |
| 9/16/98 | 5351'-5357' | 2 JSPP           | 12 holes        |
| 9/16/98 | 5408'-5410' | 2 JSPP           | 4 holes         |
| 9/16/98 | 5416'-5421' | 2 JSPP           | 10 holes        |
| 9/16/98 | 5454'-5458' | 2 JSPP           | 8 holes         |
| 9/16/98 | 5470'-5474' | 2 JSPP           | 8 holes         |
| 9/16/98 | 5484'-5486' | 2 JSPP           | 4 holes         |
| 9/16/98 | 5492'-5494' | 2 JSPP           | 4 holes         |
| 9/16/98 | 5508'-5513' | 2 JSPP           | 10 holes        |
| 9/16/98 | 5533'-5538' | 2 JSPP           | 10 holes        |
| 9/18/98 | 5104'-5106' | 4 JSPP           | 8 holes         |
| 9/18/98 | 5108'-5113' | 4 JSPP           | 20 holes        |
| 9/21/98 | 4906'-4910' | 4 JSPP           | 16 holes        |
| 9/21/98 | 4972'-4974' | 4 JSPP           | 8 holes         |
| 9/21/98 | 4977'-4984' | 4 JSPP           | 28 holes        |
| 9/21/98 | 4987'-4989' | 4 JSPP           | 8 holes         |
| 9/21/98 | 5040'-5042' | 4 JSPP           | 8 holes         |

SN @ 5550'  
 EOT @ 5614'  
 Sand PBTD 5853'  
 PBTD @ 5883'  
 TD @ 5948'

**Inland Resources Inc.**

**Ashley Unit #16-1-9-15**

695 FEL 776 FSL

SESE Section 1-T9S-R15E

Duchesne Co, Utah

API #43-013-32004; Lease #U-74826

# Attachment E-5

## Ashley Unit #1-12-9-15

Spud Date: 9/29/98  
 Put on Production: 10/23/98  
 GL: 5973' KB: 5983'

Initial Production: 126 BOPD;  
 95 MCFD; 0 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts.(291')  
 DEPTH LANDED: 301'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 140 sxs Premium cmt, est 4 bbls to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 139 jts. (5941')  
 SET AT: 5951'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 275 sxs Premium modified mixed & 300 sxs class G  
 CEMENT TOP AT: 315' per cement bond log(Schlumberger)

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 183 jts  
 TUBING ANCHOR: 5707'  
 SEATING NIPPLE: 2-7/8"  
 TOTAL STRING LENGTH: 5836'  
 SN LANDED AT: 5805'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 4 - 1-1/2" wt rods, 4 - 3/4" scraped, 128 - 3/4" plain, 96 - 3/4" scraped.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC Pump  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 6 SPM  
 LOGS: DIGL/SP/GR/CAL  
 SDL/DSN/GR

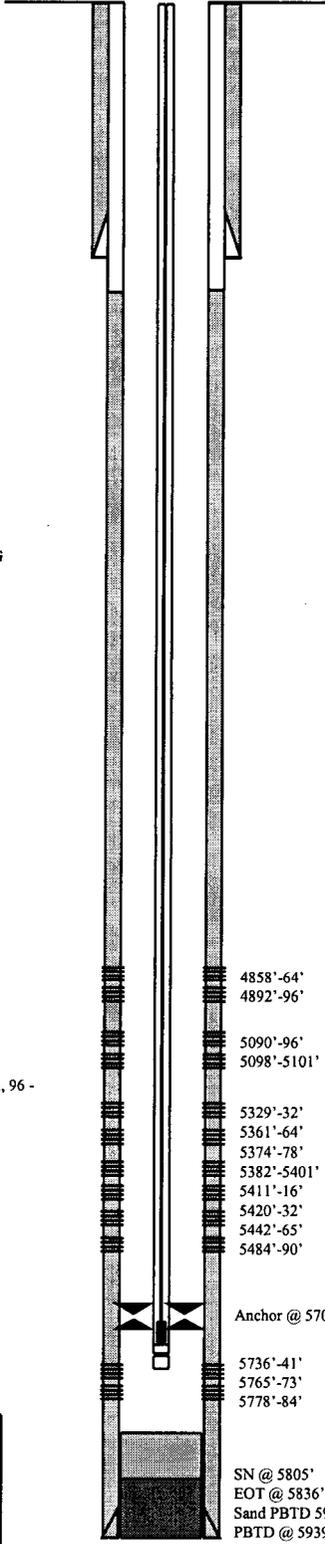
**FRAC JOB**

**10/12/98 5736'-5784'** **Frac CP-1 & CP-2 sands as follows:**  
 102,760# 20/40 sand in 536 bbls Viking I-25 fluid. Perfs broke back @ 3817 psi. Treated @ avg press of 1610 psi w/avg rate of 28.8 BPM. ISIP: 2550 psi, 5-min 2420 psi. Flowback on 12/64 choke for 4 hours and died.

**10/14/98 5329'-5490'** **Frac L.ODC sand as follows:**  
 126,500# 20/40 sand in 626 bbls Viking I-25 fluid. Perfs broke back @ 3050 psi. Treated @ avg press of 2320 psi w/avg rate of 38.8 BPM. ISIP: 3500 psi, 5-min 3040 psi. Flowback on 12/64 choke for 4 hours and died.

**10/16/98 5090'-5101'** **Frac B-2 sand as follows:**  
 Frac designed for 93,500# of sand. Cut sand on stage #4 @ 8.5 ppg. Well screened out @ 1386 gal into flush, getting 40,800# of 20/40 sand in formation and leaving 23,500# sand in csg, used 336 bbls Viking I-25 fluid. Perfs broke down @ 3900 psi. Treated @ avg press of 2500 psi w/avg rate of 28 bpm. ISIP: 3900 psi, 5-min SI:3150 psi. Flowback on 12/64 choke for 0.5 hours.

**10/19/98 4858'-4896'** **Frac D-2 sand as follows:**  
 86,841# 20/40 sand in 465 bbls Viking I-25 fluid. Perfs broke back @ 3000 psi. Treated @ avg press of 1850 psi w/avg rate of 26.0 BPM. ISIP: 2500 psi, 5-min 2407 psi. Flowback on 12/64 choke for 4 hours and died.



**PERFORATION RECORD**

| Date     | Depth Range | Perforation Type | Number of Holes |
|----------|-------------|------------------|-----------------|
| 10/10/98 | 5736'-5741' | 4 JSPF           | 20 holes        |
| 10/10/98 | 5765'-5773' | 4 JSPF           | 32 holes        |
| 10/10/98 | 5778'-5784' | 4 JSPF           | 24 holes        |
| 10/14/98 | 5329'-5332' | 2 JSPF           | 16 holes        |
| 10/14/98 | 5361'-5364' | 2 JSPF           | 6 holes         |
| 10/14/98 | 5374'-5378' | 2 JSPF           | 8 holes         |
| 10/14/98 | 5382'-5401' | 2 JSPF           | 38 holes        |
| 10/14/98 | 5411'-5416' | 2 JSPF           | 10 holes        |
| 10/14/98 | 5420'-5432' | 2 JSPF           | 24 holes        |
| 10/14/98 | 5442'-5465' | 2 JSPF           | 46 holes        |
| 10/14/98 | 5484'-5490' | 2 JSPF           | 12 holes        |
| 10/15/98 | 5090'-5096' | 4 JSPF           | 24 holes        |
| 10/15/98 | 5098'-5101' | 4 JSPF           | 12 holes        |
| 10/17/98 | 4858'-4864' | 4 JSPF           | 24 holes        |
| 10/17/98 | 4892'-4896' | 4 JSPF           | 16 holes        |

SN @ 5805'  
 EOT @ 5836'  
 Sand PBTD 5934'  
 PBTD @ 5939'  
 TD @ 5950'



**Inland Resources Inc.**

**Ashley Unit #1-12-9-15**

592 FNL 482 FEL

NENE Section 12-T9S-R15E

Duchesne Co, Utah

API #43-013-32005; Lease #U-74826

## Ashley Unit #2-12-9-15

Spud Date: 10/6/98  
 Put on Production: 11/10/98  
 GL: 6000' KB: 6010'

Initial Production: 160 BOPD;  
 235 MCFD; 5 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts.(315')  
 DEPTH LANDED: 325'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 140 sxs Class "G" cmt, est 7 bbbs to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 134 jts. (5970')  
 SET AT: 5980'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 270 sxs Premium modified mixed & 310 sxs class "G"  
 CEMENT TOP AT: 873' per cement bond log(Schlumberger)

*780% to 2777*

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 181 jts  
 TUBING ANCHOR: 5641'  
 SEATING NIPPLE: 2-7/8"  
 TOTAL STRING LENGTH: 5834'  
 SN LANDED AT: 5801'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 4 - 1-1/2" wt rods, 4 - 3/4" scraped, 128 - 3/4" plain, 95 - 3/4" scraped, 1 - 8", 1 - 2"x3/4" pony rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 14' RHAC Pump  
 STROKE LENGTH: 66"  
 PUMP SPEED, SPM: 6 SPM  
 LOGS: DIGL/SP/GR/CAL  
 SDL/DSN/GR

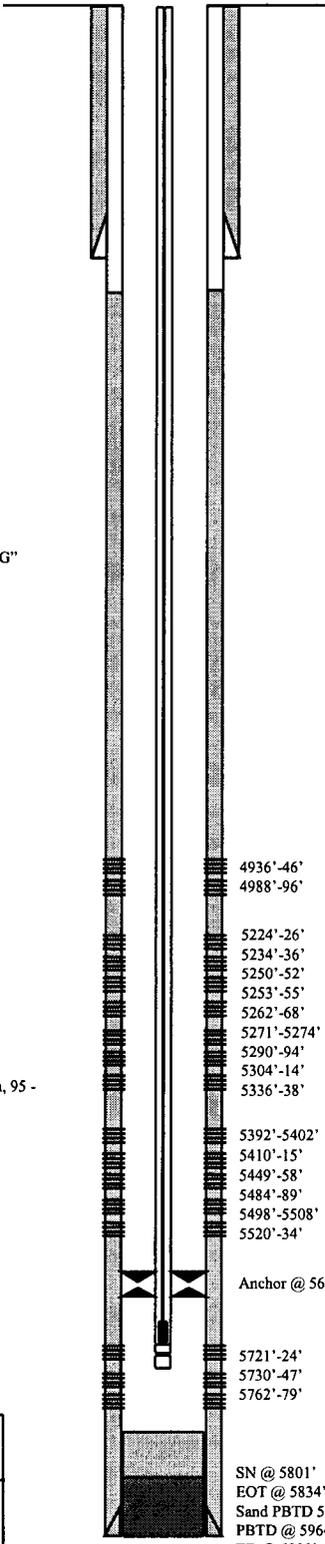
**FRAC JOB**

**10/28/98 5721'-5779'** **Frac CP-1 & CP-2 sands as follows:**  
 121,860# 20/40 sand in 598 bbbs Viking I-25 fluid. Perfs broke back @ 2561 psi. Treated @ avg press of 1400 psi w/avg rate of 32 BPM. ISIP: 2000 psi, 5-min 2040 psi. Flowback on 12/64 choke for 4 hours

**10/30/98 5392'-5534'** **Frac LODC sand as follows:**  
 122,540# 20/40 sand in 594 bbbs Viking I-25 fluid. Perfs broke back @ 4014 psi. Treated @ avg press of 1785 psi w/avg rate of 36 BPM. ISIP: 1700 psi, 5-min 1600 psi. Flowback on 12/64 choke for 3-1/2 hours and died.

**11/2/98 5224'-5338'** **Frac A-3 & LODC sands as follows:**  
 122,440# 20/40 sand in 597 bbbs Viking I-25 fluid. Perfs broke back @ 3511 psi. Treated @ avg press of 1500 psi w/avg rate of 36.5 BPM. ISIP: 1800 psi, 5-min 1735 psi. Flowback on 12/64 choke for 3-1/2 hours and died.

**11/5/98 4936'-4996'** **Frac C & B-0.5 sands as follows:**  
 121,200# 20/40 sand in 570 bbbs Viking I-25 fluid. Perfs broke back @ 2235 psi @ 12 BPM. Treated @ avg press of 2000 psi w/avg rate of 28 BPM. ISIP: 2150 psi, 5-min 1750 psi. Flowback on 12/64 choke for 4 hours and died.



**PERFORATION RECORD**

| Date     | Depth Range | Number of JSPF | Number of Holes |
|----------|-------------|----------------|-----------------|
| 10/27/98 | 5721'-5724' | 4              | 12 holes        |
| 10/27/98 | 5730'-5747' | 4              | 68 holes        |
| 10/27/98 | 5762'-5779' | 4              | 68 holes        |
| 10/29/98 | 5392'-5402' | 2              | 20 holes        |
| 10/29/98 | 5410'-5415' | 2              | 10 holes        |
| 10/29/98 | 5449'-5458' | 2              | 18 holes        |
| 10/29/98 | 5484'-5489' | 2              | 10 holes        |
| 10/29/98 | 5498'-5508' | 2              | 20 holes        |
| 10/29/98 | 5520'-5534' | 2              | 28 holes        |
| 10/31/98 | 5224'-5226' | 2              | 4 holes         |
| 10/31/98 | 5234'-5236' | 2              | 4 holes         |
| 10/31/98 | 5250'-5252' | 2              | 4 holes         |
| 10/31/98 | 5253'-5255' | 2              | 6 holes         |
| 10/31/98 | 5262'-5268' | 2              | 8 holes         |
| 10/31/98 | 5271'-5274' | 2              | 6 holes         |
| 10/31/98 | 5290'-5294' | 2              | 8 holes         |
| 10/31/98 | 5304'-5314' | 2              | 20 holes        |
| 10/31/98 | 5336'-5338' | 2              | 4 holes         |
| 11/3/98  | 4936'-4946' | 4              | 40 holes        |
| 11/3/98  | 4988'-4996' | 4              | 32 holes        |

SN @ 5801'  
 EOT @ 5834'  
 Sand PBTD 5964'  
 PBTD @ 5964'  
 TD @ 6000'



**Inland Resources Inc.**

**Ashley Unit #2-12-9-15**

1661 FEL 907 FNL  
 NWNE Section 2-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32006; Lease #U-74826

## Ashley Federal #9-1

Spud Date: 5/22/97  
 Put on Production: 7/14/97  
 GL: 5918' KB: 5930'

Initial Production: 132 BOPD,  
 190 MCFPD, 2 BWPD

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (304.11')  
 DEPTH LANDED: 303.17' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est 4 bbls to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 141 jts. (5955.69')  
 DEPTH LANDED: 5945' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 355 sxs Hibond mixed & 320 sxs thixotropic  
 CEMENT TOP AT: 460' per CBL

*MOST > 80% TO 2540*

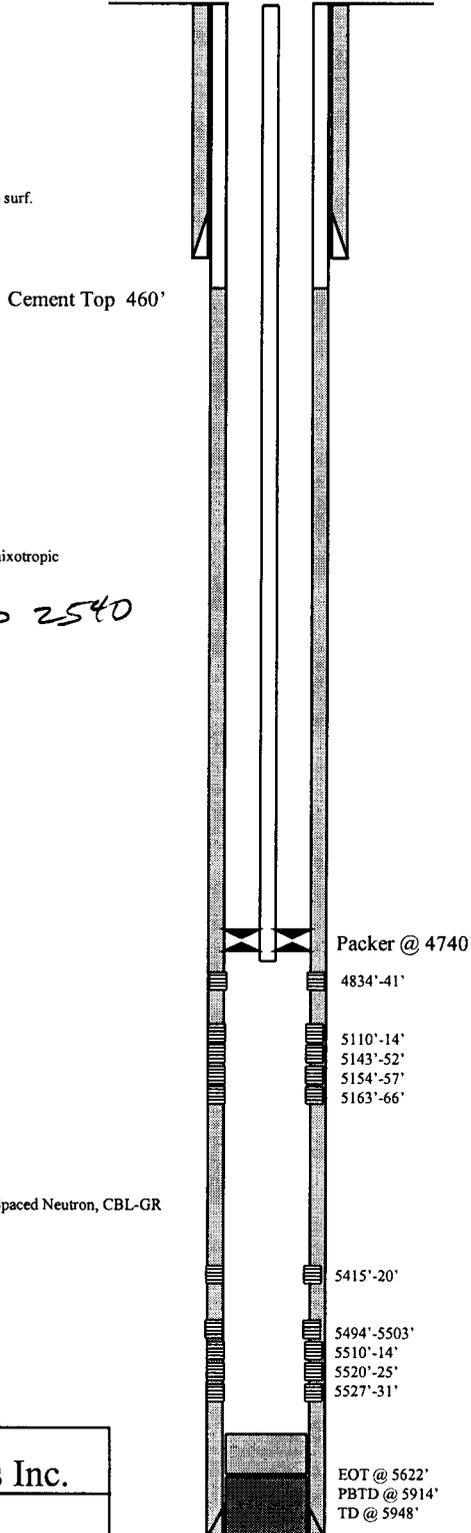
**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M -50 / 6.5#  
 NO. OF JOINTS: 172 jts  
 PACKER: 4740'  
 SEATING NIPPLE: 2 - 7/8" (1.10')  
 TOTAL STRING LENGTH: ? (EOT @ 4740)  
 SN LANDED AT: 4737'

**SUCKER RODS**

POLISHED ROD:  
 SUCKER RODS:  
 PUMP SIZE:  
 STROKE LENGTH:  
 PUMP SPEED, SPM:  
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

Injection Well  
Wellbore Diagram



**FRAC JOB**

7/02/97 5494'-5531' **Frac A/LDC sand as follows:**  
 124,600# of 20/40 sand in 610 bbls of Boragel. Breakdown @ 2792psi.  
 Treated @ avg rate of 32 bpm w/avg press of 2100 psi. ISIP-2361 psi, 5-min 2253 psi. Flowback on 12/64" ck for 5-1/2 hours and died.

7/04/97 5110'-5166' **Frac B sand as follows:**  
 108,900# of 20/40 sand in 534 bbls of Boragel. Breakdown @ 2150 psi.  
 Treated @ avg rate of 28 bpm w/avg press of 1900 psi. ISIP-2268 psi, 5-min 2169 psi. Flowback on 12/64" ck for 4-1/2 hours and died.

7/09/97 4834'-4841' **Frac D sand as follows:**  
 94,000# of 20/40 sand in 487 bbls of Boragel. Breakdown @ 3307 psi.  
 Treated @ avg rate of 24 bpm w/avg press of 2350 psi. ISIP-2635 psi, 5-min 2551 psi. Flowback on 12/64" ck for 4-1/2 hours and died.

**PERFORATION RECORD**

|         |             |        |          |
|---------|-------------|--------|----------|
| 7/02/97 | 5527'-5531' | 4 JSPF | 16 holes |
| 7/02/97 | 5520'-5525' | 4 JSPF | 20 holes |
| 7/02/97 | 5510'-5514' | 4 JSPF | 16 holes |
| 7/02/97 | 5494'-5503' | 4 JSPF | 36 holes |
| 7/02/97 | 5415'-5420' | 4 JSPF | 20 holes |
| 7/04/97 | 5163'-5166' | 4 JSPF | 12 holes |
| 7/04/97 | 5154'-5157' | 4 JSPF | 12 holes |
| 7/04/97 | 5143'-5152' | 4 JSPF | 36 holes |
| 7/04/97 | 5110'-5114' | 4 JSPF | 16 holes |
| 7/09/97 | 4834'-4841' | 4 JSPF | 28 holes |

4834'-41'

5110'-14'  
 5143'-52'  
 5154'-57'  
 5163'-66'

5415'-20'

5494'-5503'  
 5510'-14'  
 5520'-25'  
 5527'-31'

EOT @ 5622'  
 PBTD @ 5914'  
 TD @ 5948'

**Inland Resources Inc.**

**Ashley Federal #9-1**

1980 FNL 660 FEL

NENE Section 1-T9S-R15E

Duchesne Co, Utah

API #43-013-31859; Lease #U-74826

# Attachment E-8

## Nine Mile 13-6

Spud Date: 1/1/98  
 Put on Production: 1/29/98  
 GL: 5927' KB: 5941'

Initial Production: ? BOPD, ?  
 MCFPD, ? BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 DEPTH LANDED: 287'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 SXS Prem Plus w/2% CC, 2% gel, 1/2#/sx flocele

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts.  
 DEPTH LANDED: 5982'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 340 sx Hibond 65 Modified. Tail w/300 sxs  
 Thixotropic & 10% Calseal

*Most > 80% TOPOO!*

### TUBING

SIZE/GRADE/WT.: 2-7/8" 6.5 M-50  
 NO. OF JOINTS: 190 jts.  
 TUBING ANCHOR: 5484'  
 TOTAL STRING LENGTH: 5618'  
 SN LANDED AT: 5550'

### ROD STRING

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 4-1-1/2" weight rods, 4- 3/4" scraped rods, 118 - 3/4" plain rods, 94 - 3/4" scraped rods, 1 - 4' x 3/4" pony rod, 1-1/2" x 22' polish rod.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC  
 STROKE LENGTH: 74" @ 5-1/2" SPM  
 LOGS: DIGL/SP/GR/CAL (6007' - 297')  
 DSN/SKL/GR (5972' - 3000')

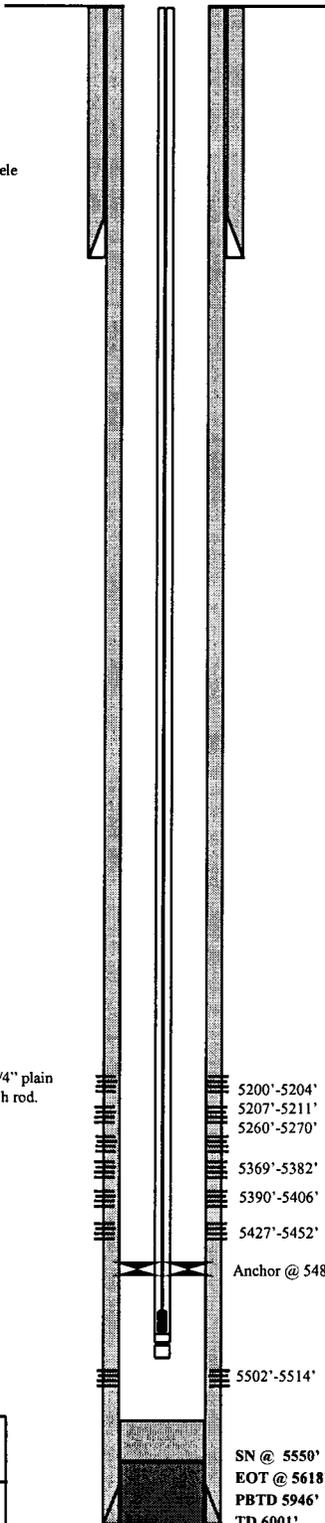
### FRAC JOB

1/21/98 5369'-5514' 78,800# 20/40 sd in 487 bbls Delta Frac. Perfs broke dn @ 2531 psi. Treated @ ave press of 3400 psi w/ave rate of 42 BPM. Sand was cut @ blender due to rapidly increasing pressure. Max sd conc of 8.1 ppg. Flush rate was decreased due to pressure minimum rate of 1.8 BPM. ISIP: 3469 psi, 5 min: 1941 psi. Flowback on 12/64 choke for 3-1/2 hrs & died.

1/23/98 5200'-5270' 104,300# 20/40 sd in 527 bbls Delta Frac. Perfs broke dn @ 3453 psi. Treated @ ave press of 2480 psi w/ave rate of 28.4 BPM. ISIP: 3210 psi, 5 min: 2943 psi. Flowback on 12/64 choke for 2-1/2 hrs & died.

### PERFORATION RECORD

| Date    | Interval    | Method | Holes    |
|---------|-------------|--------|----------|
| 1/20/98 | 5369'-5382' | 2 JSPF | 26 holes |
| 1/20/98 | 5390'-5406' | 2 JSPF | 32 holes |
| 1/20/98 | 5427'-5452' | 2 JSPF | 50 holes |
| 1/20/98 | 5502'-5514' | 2 JSPF | 24 holes |
| 1/21/98 | 5200'-5204' | 4 JSPF | 16 holes |
| 1/21/98 | 5207'-5211' | 4 JSPF | 16 holes |
| 1/21/98 | 5260'-5270' | 4 JSPF | 40 holes |





**Inland Resources Inc.**

Nine Mile 13-6  
 652' FSL and 668' FWL  
 SWSW Section 6-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31954; Lease #U-74390

Attachment F

# UNICHEM

A Division of BJ Services

P.O. Box 217  
Roosevelt, Utah 84066

Office (801) 722-5088  
Fax (801) 722-5727

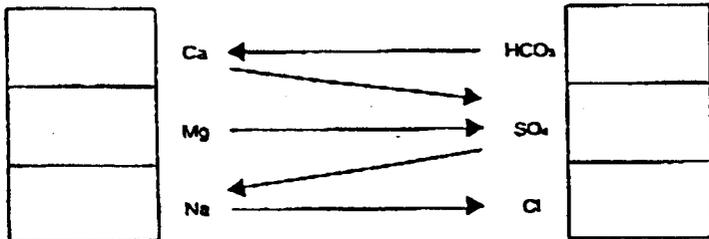
## WATER ANALYSIS REPORT

Company INLAND Address \_\_\_\_\_ Date 01-14-98  
 Source Johnson Water FRESH WATER Date Sampled \_\_\_\_\_ Analysis No. \_\_\_\_\_

|   | Analysis     | mg/l(ppm)                   | *Meq/l                         |
|---|--------------|-----------------------------|--------------------------------|
| 1. PH                                   | <u>7.0</u>   |                             |                                |
| 2. H <sub>2</sub> S (Qualitative)       | <u>0.5</u>   |                             |                                |
| 3. Specific Gravity                     | <u>1.001</u> |                             |                                |
| 4. Dissolved Solids                     |              | <u>593</u>                  |                                |
| 5. Alkalinity (CaCO <sub>3</sub> )      |              | CO <sub>3</sub> <u>0</u>    | + 30 <u>0</u> CO <sub>3</sub>  |
| 6. Bicarbonate (HCO <sub>3</sub> )      |              | HCO <sub>3</sub> <u>300</u> | + 61 <u>5</u> HCO <sub>3</sub> |
| 7. Hydroxyl (OH)                        |              | OH <u>0</u>                 | + 17 <u>0</u> OH               |
| 8. Chlorides (Cl)                       |              | Cl <u>35</u>                | + 35.5 <u>1</u> Cl             |
| 9. Sulfates (SO <sub>4</sub> )          |              | SO <sub>4</sub> <u>110</u>  | + 48 <u>2</u> SO <sub>4</sub>  |
| 10. Calcium (Ca)                        |              | Ca <u>44</u>                | + 20 <u>2</u> Ca               |
| 11. Magnesium (Mg)                      |              | Mg <u>22</u>                | + 12.2 <u>2</u> Mg             |
| 12. Total Hardness (CaCO <sub>3</sub> ) |              | <u>200</u>                  |                                |
| 13. Total Iron (Fe)                     |              | <u>2.2</u>                  |                                |
| 14. Manganese                           |              |                             |                                |
| 15. Phosphate Residuals                 |              |                             |                                |

\*Mill equivalents per liter

### PROBABLE MINERAL COMPOSITION



| Compound                           | Equlv. Wt. | X | Meq/l    | = | Mg/l       |
|------------------------------------|------------|---|----------|---|------------|
| Ca(HCO <sub>3</sub> ) <sub>2</sub> | 81.04      |   | <u>2</u> |   | <u>162</u> |
| CaSO <sub>4</sub>                  | 68.07      |   |          |   |            |
| CaCl <sub>2</sub>                  | 55.50      |   |          |   |            |
| Mg(HCO <sub>3</sub> ) <sub>2</sub> | 73.17      |   | <u>2</u> |   | <u>146</u> |
| MgSO <sub>4</sub>                  | 60.19      |   |          |   |            |
| MgCl <sub>2</sub>                  | 47.62      |   |          |   |            |
| NaHCO <sub>3</sub>                 | 84.00      |   | <u>1</u> |   | <u>84</u>  |
| Na <sub>2</sub> SO <sub>4</sub>    | 71.03      |   | <u>2</u> |   | <u>142</u> |
| NaCl                               | 58.45      |   | <u>1</u> |   | <u>59</u>  |

| Saturation Values                     | Distilled Water 20°C |
|---------------------------------------|----------------------|
| CaCO <sub>3</sub>                     | 13 Mg/l              |
| CaSO <sub>4</sub> · 2H <sub>2</sub> O | 2,090 Mg/l           |
| MgCO <sub>3</sub>                     | 103 Mg/l             |

REMARKS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

# UNICHEM

A Division of BJ Services

Attachment F-1

P.O. Box 217  
Roosevelt, Utah 84066

Office (435) 722-5066  
Fax (435) 722-5727

## WATER ANALYSIS REPORT

Company INLAND PRODUCTION

Address \_\_\_\_\_ Date 7-08-99

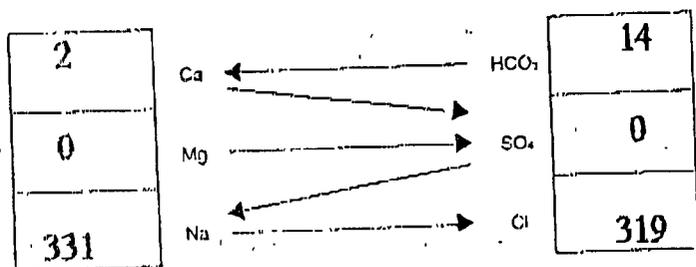
Source ASHLEY 15-1 TREATER

Date Sampled 7-07-99 Analysis No. \_\_\_\_\_

|   | Analysis     | mg/l(ppm)     | *Meq/l                          |
|---|--------------|---------------|---------------------------------|
| 1. PH                                   | <u>9.7</u>   |               |                                 |
| 2. H <sub>2</sub> S (Qualitative)       | <u>0</u>     |               |                                 |
| 3. Specific Gravity                     | <u>1.017</u> |               |                                 |
| 4. Dissolved Solids                     |              | <u>19,819</u> |                                 |
| 5. Alkalinity (CaCO <sub>3</sub> )      |              | <u>0</u>      | ÷ 30 <u>0</u> CO <sub>3</sub>   |
| 6. Bicarbonate (HCO <sub>3</sub> )      |              | <u>850</u>    | ÷ 61 <u>14</u> HCO <sub>3</sub> |
| 7. Hydroxyl (OH)                        |              | <u>0</u>      | ÷ 17 <u>0</u> OH                |
| 8. Chlorides (Cl)                       |              | <u>11,300</u> | ÷ 35.5 <u>319</u> Cl            |
| 9. Sulfates (SO <sub>4</sub> )          |              | <u>0</u>      | ÷ 48 <u>0</u> SO <sub>4</sub>   |
| 10. Calcium (Ca)                        |              | <u>30</u>     | ÷ 20 <u>2</u> Ca                |
| 11. Magnesium (Mg)                      |              | <u>4</u>      | ÷ 12.2 <u>0</u> Mg              |
| 12. Total Hardness (CaCO <sub>3</sub> ) |              | <u>90</u>     |                                 |
| 13. Total Iron (Fe)                     |              | <u>0.2</u>    |                                 |
| 14. Manganese                           |              |               |                                 |
| 15. Phosphate Residuals                 |              |               |                                 |

\*Milli equivalents per liter

### PROBABLE MINERAL COMPOSITION



| Compound                           | Eq. Wt. | X          | Meq/l | = | Mg/l          |
|------------------------------------|---------|------------|-------|---|---------------|
| Ca(HCO <sub>3</sub> ) <sub>2</sub> | 81.04   | <u>2</u>   |       |   | <u>162</u>    |
| CaSO <sub>4</sub>                  | 68.07   |            |       |   |               |
| CaCl <sub>2</sub>                  | 55.50   |            |       |   |               |
| Mg(HCO <sub>3</sub> ) <sub>2</sub> | 73.17   |            |       |   |               |
| MgSO <sub>4</sub>                  | 60.19   |            |       |   |               |
| MgCl <sub>2</sub>                  | 47.62   |            |       |   |               |
| NaHCO <sub>3</sub>                 | 84.00   | <u>12</u>  |       |   | <u>1,008</u>  |
| Na <sub>2</sub> SO <sub>4</sub>    | 71.03   |            |       |   |               |
| NaCl                               | 58.46   | <u>319</u> |       |   | <u>18,649</u> |

| Saturation Values                     | Distilled Water 20°C |
|---------------------------------------|----------------------|
| CaCO <sub>3</sub>                     | 13 Mg/l              |
| CaSO <sub>4</sub> · 2H <sub>2</sub> O | 2,090 Mg/l           |
| MgCO <sub>3</sub>                     | 103 Mg/l             |

REMARKS \_\_\_\_\_

Received Time--Jul.16.- 1:35PM

Attachment F-2

AQUAMIX SCALING PREDICTIONS

COMPANY: INLAND PRODUCTION CO  
 LOCATION:  
 SYSTEM:

7-8-99

| WATER DESCRIPTION:     | JOHNSON WATER | ASHLEY 15-1 TREAT |
|------------------------|---------------|-------------------|
| P-ALK AS PPM CaCO3     | 0             | 0                 |
| M-ALK AS PPM CaCO3     | 492           | 1394              |
| SULFATE AS PPM SO4     | 110           | 0                 |
| CHLORIDE AS PPM Cl     | 35            | 11300             |
| HARDNESS AS PPM CaCO3  | 0             | 0                 |
| CALCIUM AS PPM CaCO3   | 110           | 75                |
| MAGNESIUM AS PPM CaCO3 | 90            | 16                |
| SODIUM AS PPM Na       | 92            | 7613              |
| BARIUM AS PPM Ba       | 0             | 0                 |
| STRONTIUM AS PPM Sr    | 0             | 0                 |
| CONDUCTIVITY           | 0             | 0                 |
| TOTAL DISSOLVED SOLIDS | 593           | 19819             |
| TEMP (DEG-F)           | 100           | 100               |
| SYSTEM pH              | 8.3           | 9.5               |

WATER COMPATIBILITY CALCULATIONS  
 JOHNSON WATER AND ASHLEY 15-1 TREAT  
 CONDITIONS: TEMP.=100 AND pH=8.9  
 WATER ONE IS JOHNSON WATER

| DEG-F<br><i>Water</i> | STIFF DAVIS<br>CaCO3 INDEX | lbs/1000<br>BBL<br>EXCESS<br>CaCO3 | mg/l BaSO4<br>IN EXCESS<br>OF<br>SATURATION | mg/l SrO4<br>IN EXCESS<br>OF<br>SATURATION | mg/l Gypsum<br>IN EXCESS<br>OF<br>SATURATION |
|-----------------------|----------------------------|------------------------------------|---|--|--|
| 100                   | 1.71                       | 37                                 | 0   | 0  | 0  |
| 90                    | 1.67                       | 36                                 | 0   | 0  | 0  |
| 80                    | 1.62                       | 35                                 | 0   | 0  | 0  |
| 70                    | 1.55                       | 33                                 | 0   | 0  | 0  |
| 60                    | 1.48                       | 32                                 | 0   | 0  | 0  |
| 50                    | 1.41                       | 30                                 | 0   | 0  | 0  |
| 40                    | 1.33                       | 29                                 | 0   | 0  | 0  |
| 30                    | 1.31                       | 28                                 | 0   | 0  | 0  |
| 20                    | 1.27                       | 27                                 | 0   | 0  | 0  |
| 10                    | 1.24                       | 25                                 | 0   | 0  | 0  |
| 0                     | 1.20                       | 24                                 | 0   | 0  | 0  |

**Attachment "G"**

**Ashley Federal #15-1-9-15  
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 |                      |               |  |                    |
| 4968                    | 4988   | 4978                 | 2300          | 0.895                                      | 2285               |
| 5114                    | 5120   | 5117                 | Scr. Out      | N/A  | N/A                |
| 5296                    | 5497   | 5397                 | 2680          | 0.930                                      | 2619               |
|                         |        |                      |               | <b>Minimum</b>                             | <u><u>2285</u></u> |

Calculation of Maximum Surface Injection Pressure  
 $P_{max} = (\text{Frac Grad} - (0.433 * 1.005)) \times \text{Depth of Top Perf}$   
 where pressure gradient for the fresh water is .433 psi/ft and  
 specific gravity of the injected water is 1.005.

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



DAILY COMPLETION REPORT

WELL NAME Ashley Federal 15-1-9-15 Report Date 9/17/98 Completion Day 1
Present Operation Perf & Frac A/LDC sds. Rig C.W.S #52

WELL STATUS

Surf Csg: 8-5/8 @ 333' Liner @ Prod Csg 5-1/2 @ 5936 Csg PBTD 5830
Tbg: Size 2-7/8 Wt 6.5# Grd M-50 Pkr/EOT @ BP/Sand PBTD:

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Multiple rows of data.

CHRONOLOGICAL OPERATIONS

Date Work Performed: 9/16/98 SITP: SICP: 0

MIRU Colorado Well Services Rig #52. NU BOP. PU & TIH w/4-3/4" bit, 5-1/2" csg scraper, 188 jts 2-7/8 8rd 6.5# M-50 tbg. Tag PBTD @ 5830'. Press test csg & BOP to 3000 psi. Swab FL dn to 4800'. TOH w/tbg. LD bit & scraper. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered 0 Starting oil rec to date 0
Fluid lost/recovered today 0 Oil lost/recovered today 0
Ending fluid to be recovered 0 Cum oil recovered 0
IFL Sfc FFL 4800 FTP Choke Final Fluid Rate Final oil cut

STIMULATION DETAIL

COSTS

Base Fluid used: Job Type:
Company:
Procedure:

C.W.Rig 2,130
BOP 60
Tanks 30
Wtr 100
KCL Sub 50
Tbg head 1,500
Roustabout Labor 100
Tbg 14,888
Trucking 940
Loc cleanup 300
CBL 1,500
IPC Supervision 200
DAILY COST: \$21,798
TOTAL WELL COST: \$172,214

Max TP Max Rate Total fluid pmpd:
Avg TP Avg Rate Total Prop pmpd:
ISIP 5 min 10 min 15 min
Completion Supervisor: Rod Bird



Attachment G-1 cont.

### DAILY COMPLETION REPORT

**WELL NAME** Ashley Federal 15-1-9-15 **Report Date** 9/18/98 **Completion Day** 2  
**Present Operation** Perf B sds. **Rig** C.W.S #52

#### WELL STATUS

**Surf Csg:** 8-5/8 @ 333' **Liner**          **@**          **Prod Csg** 5-1/2 @ 5936 **Csg PBD** 5830  
**Tbg:** **Size** 2-7/8 **Wt** 6.5# **Grd** M-50 **Pkr/EOT @**          **BP/Sand PBD:**         

#### PERFORATION RECORD

| Zone  | Perfs      | SPF/#shots | Zone  | Perfs    | SPF/#shots |
|-------|------------|------------|-------|----------|------------|
| A/LDC | 5296-5300' | 2/8        | A/LDC | 5434-38' | 2/8        |
| A/LDC | 5327-30'   | 2/6        | A/LDC | 5469-75' | 2/12       |
| A/LDC | 5336-40'   | 2/8        | A/LDC | 5492-97' | 2/10       |
| A/LDC | 5366-71'   | 2/10       |       |          |            |
| A/LDC | 5424-27'   | 2/6        |       |          |            |

#### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 9/17/98 **SITP:**          **SICP:** 0

RU Schlumberger & perf A/LDC sds @ 5296-5300', 5327-30', 5336-40', 5366-71', 5424-27', 5434-38', 5469-75' & 5492-97' w/2 jpsf. TIH w/tbg to 5770'. IFL @ 4800'. Made 3 swab runs, rec 14 BTF w/tr oil. FFL @ 5400'. TOH w/tbg. NU isolation tool. RU BJ Services & frac A/LDC sds w/142,060# 20/40 sd in 671 bbls Viking I-25 fluid. Perfs broke dn @ 3580 psi. Treated @ ave press of 2200 psi w/ave rate of 42.2 BPM. ISIP: 2700 psi, 5 min: 2233 psi. Flowback on 12/64 choke for 4 hrs & died. Rec 150 BTF (est 22% of load). SIFN w/est 521 BWTR.

#### FLUID RECOVERY (BBLs)

|                                     |                 |                          |  |
|-------------------------------------|-----------------|--------------------------|--|
| Starting fluid load to be recovered | <u>671</u>      | Starting oil rec to date | <u>0</u>   |
| Fluid lost/recovered today          | <u>150</u>      | Oil lost/recovered today | <u>0</u>   |
| Ending fluid to be recovered        | <u>521</u>      | Cum oil recovered        | <u>0</u>   |
| IFL <u>4800</u>                     | FFL <u>5400</u> | FTP <u>        </u>      | Choke <u>12/64</u> Final Fluid Rate <u>        </u> Final oil cut <u>Tr.</u> |

#### STIMULATION DETAIL

#### COSTS

**Base Fluid used:** Viking I-25 **Job Type:** Sand Frac  
**Company:** BJ Services  
**Procedure:**           
3500 gal of pad  
1000 gal w/1-6 ppg of 20/40 sd  
12,000 gal w/6-8 ppg of 20/40 sd  
6474 gal w/8-10 ppg of 20/40 sd  
Flush w/5208 gal of 10# Linear gel.

|                  |               |
|------------------|---------------|
| C.W.Rig          | <u>1,319</u>  |
| BOP              | <u>60</u>     |
| Tanks            | <u>30</u>     |
| Wtr              | <u>1,200</u>  |
| Perfs            | <u>2,208</u>  |
| Frac             | <u>23,958</u> |
| Flowback - super | <u>160</u>    |
| IPC Supervision  | <u>200</u>    |

**Max TP** 3580 **Max Rate** 42.3 **Total fluid pmpd:** 671 bbls  
**Avg TP** 2200 **Avg Rate** 42.2 **Total Prop pmpd:** 142,060#  
**ISIP** 2700 **5 min** 2233 **10 min**          **15 min**           
**Completion Supervisor:** Rod Bird

**DAILY COST:** \$29,135  
**TOTAL WELL COST:** \$201,349



DAILY COMPLETION REPORT

WELL NAME Ashley Federal 15-1-9-15 Report Date 9/19/98 Completion Day 3
Present Operation Frac B sds. Rig C.W.S #52

WELL STATUS

Surf Csg: 8-5/8 @ 333' Liner @ Prod Csg 5-1/2 @ 5936 Csg PBD 5830
Tbg: Size 2-7/8 Wt 6.5# Grd M-50 PKN/EOT @ 5160' BP/Sand PBD: 5210'

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Contains perforation data for zones B and A/LDC.

CHRONOLOGICAL OPERATIONS

Date Work Performed: 9/18/98 SITP: SICP: 0

TIH w/5-1/2" RBP & tbg. Set plug @ 5210'. Press test plug to 3000 psi. Swab FL dn to 4600'. Rec 99 BTF. TOH w/tbg. RU Schlumberger & perf B sds @ 5114-20' w/4 jspf. TIH w/tbg. IFL @ 3500'. Made 5 swab runs, rec 35 BTF. FFL @ 5100'. SIFN w/est 387 BWTR.

FLUID RECOVERY (BBLs)

Table with 4 columns: Starting fluid load to be recovered, Fluid lost/recovered today, Ending fluid to be recovered, IFL, Starting oil rec to date, Oil lost/recovered today, Cum oil recovered, Choke, Final Fluid Rate, Final oil cut.

STIMULATION DETAIL

COSTS

Base Fluid used: Job Type:
Company:
Procedure:

Table with 2 columns: Item, Cost. Includes C.W.Rig (1,457), BOP (60), Tanks (30), RBP (600), Perfs (828), IPC Supervision (200).

Max TP Max Rate Total fluid pmpd:
Avg TP Avg Rate Total Prop pmpd:
ISIP 5 min 10 min 15 min
Completion Supervisor: Gary Dietz

DAILY COST: \$3,175
TOTAL WELL COST: \$204,524



DAILY COMPLETION REPORT

WELL NAME Ashley Federal 15-1-9-15 Report Date 9/20/98 Completion Day 4
Present Operation Perf C sds. Rig C.W.S #52

WELL STATUS

Surf Csg: 8-5/8 @ 333' Liner @ Prod Csg 5-1/2 @ 5936 Csg PBD 5830
Tbg: Size 2-7/8 Wt 6.5# Grd M-50 Pkr/EOT @ BP/Sand PBD: 5210'

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Rows include zones B and A/LDC with various perforation intervals and shot counts.

CHRONOLOGICAL OPERATIONS

Date Work Performed: 9/19/98 SITP: 0 SICP: 0

IFL @ 5000'. Made 1 swab run, rec 1 BTF. FFL @ 5100'. TOH w/tbg. NU isolation tool. RU BJ Services & frac B sds w/41,400# 20/40 sd in 231 bbls Viking I-25 fluid. Perfs broke dn @ 2450 psi. Pressure increased to 2850 psi before dropping back to 2250 psi when sd hit perfs. With sd on perfs pressure increased rapidly to max pressure. Screened out w/6.2# sd on perfs. Est 14,469# sd in formation, 26,931# sd left in csg. Flowback on 12/64 choke for 2-1/2 hrs & died. Rec 60 BTF w/sd (est 26% of load). SIFN w/est 557 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered 387 Starting oil rec to date 0
Fluid lost/recovered today 170 Oil lost/recovered today 0
Ending fluid to be recovered 557 Cum oil recovered 0
IFL 5000 FFL 5100 FTP Choke 12/64 Final Fluid Rate Final oil cut

STIMULATION DETAIL

Base Fluid used: Viking I-25 Job Type: Sand Frac
Company: BJ Services
Procedure:
3000 gal of pad
1000 gal w/1-6 ppg of 20/40 ds
5702 gal w/6-8 ppg of 20/40 sd
Screened out w/6.2# sd on perfs (7# sd @ blender). Est 14,469# sd in formation, 26,931# sd left in csg.

COSTS

C.W.Rig 842
BOP 60
Tanks 30
Wtr 800
Frac 15,693
Flowback super 100
IPC Supervision 200

Max TP 4000 Max Rate 27.1 Total fluid pmpd: 231 bbls
Avg TP 2400 Avg Rate 27 Total Prop pmpd: 41,400#
ISIP 5 min 10 min 15 min
Completion Supervisor: Gary Dietz

DAILY COST: \$17,625
TOTAL WELL COST: \$222,149



DAILY COMPLETION REPORT

WELL NAME Ashley Federal 15-1-9-15 Report Date 9/22/98 Completion Day 5
Present Operation Perf & frac CP sds. Rig C.W.S #52

WELL STATUS

Surf Csg: 8-5/8 @ 333' Liner @ Prod Csg 5-1/2 @ 5936 Csg PBD 5830
Tbg: Size 2-7/8 Wt 6.5# Grd M-50 Pkr/EOT @ BP/Sand PBD: 5040

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Contains perforation data for zones B and A/LDC.

CHRONOLOGICAL OPERATIONS

Date Work Performed: 9/21/98 SITP: SICP: 0

TIH w/RH & tbg. Tag sd @ 3636'. CO sd to RBP @ 5210'. Circ hole clean. Release plug. Pull up & reset @ 5040'. Press test plug to 3000 psi. Swab FL dn to 4400'. Rec 95 BTF. TOH w/tbg & RH. SIFN w/est 462 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered 557 Starting oil rec to date 0
Fluid lost/recovered today 95 Oil lost/recovered today 0
Ending fluid to be recovered 462 Cum oil recovered 0
IFL Sfc FFL 4400 FTP Choke Final Fluid Rate Final oil cut

STIMULATION DETAIL

COSTS

Base Fluid used: Job Type:
Company:
Procedure:

CWS Rig 2,134
BOP 60
Tanks 30
RBP (zone chg) 250
Wtr disp 350
Circ head 35
IPC Supervision 200

Max TP Max Rate Total fluid pmpd:
Avg TP Avg Rate Total Prop pmpd:
ISIP 5 min 10 min 15 min
Completion Supervisor: Gary Dietz

DAILY COST: \$3,059
TOTAL WELL COST: \$225,208

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Plug #1 Set 351' plug from 5196'-5547' with 50 sxs Class "G" cement
2. Plug #2 Set 302' plug from 4868'-5170' with 45 sxs Class "G" cement
3. Plug #3 Set 200' plug from 2000'-2200' with 25 sxs Class "G" cement
4. Plug #4 Set 100' plug from 282'-382' (50' on either side of casing shoe) with 15 sxs Class "G" cement
5. Plug #5 Set 50' plug from surface with 10 sxs Class "G" cement
6. Pump 50 sxs Class "G" cement down the 8-5/8" x 5-1/2" annulus to cement 300' to surface

The approximate cost to plug and abandon this well is \$18,000

# Ashley Unit #15-1-9-15

Spud Date: 9/1/98  
 Put on Production: 9/30/98  
 GL: 5951' KB: 5961'

Initial Production: 71 BOPD;  
 128 MCFD; 1 BWPD

Proposed P&A  
 Wellbore Diagram

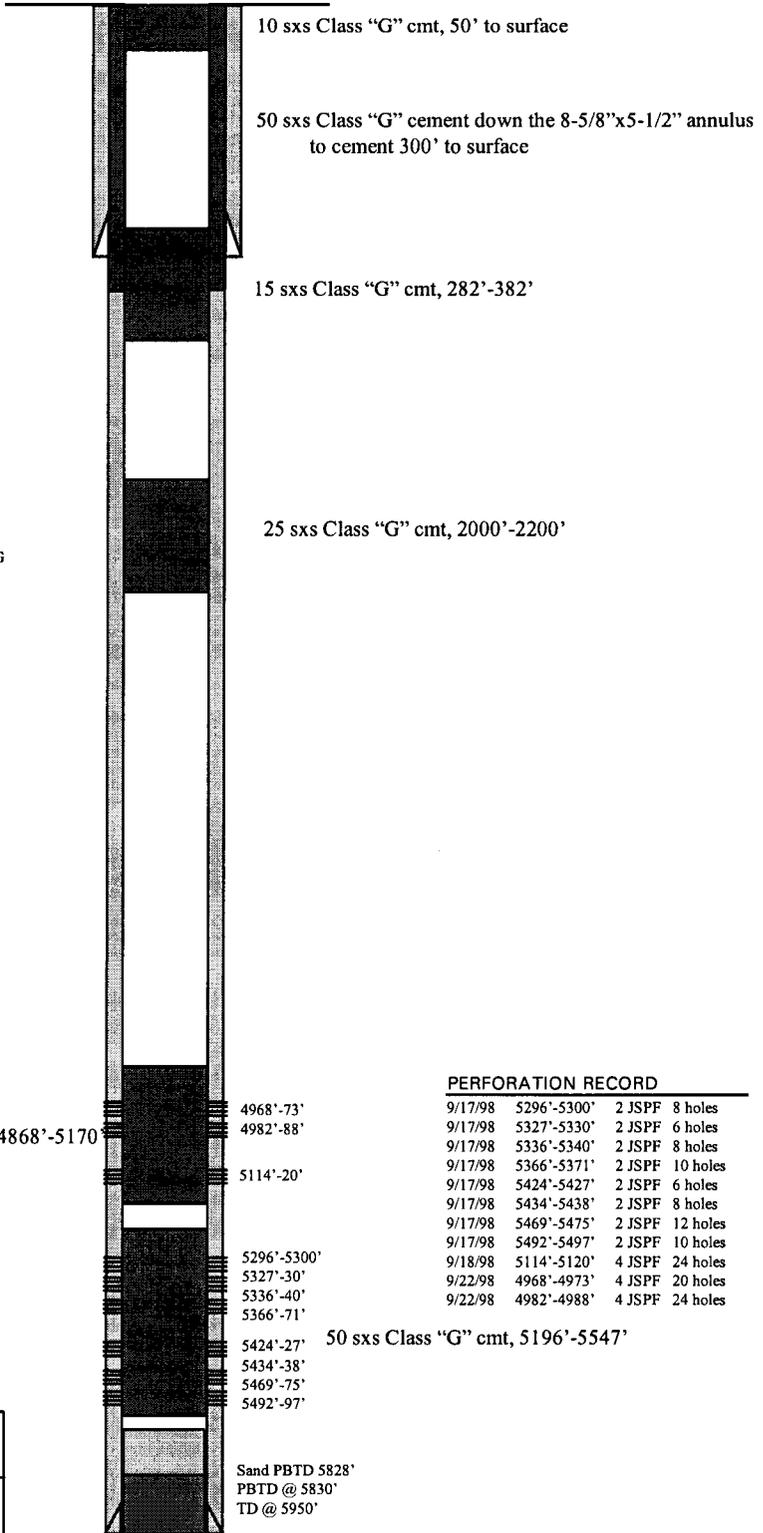
**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts.(322')  
 DEPTH LANDED: 332'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 140 sxs Class "G" cmt, est 6 bbls to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts. (5927')  
 SET AT: 5936'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Premium modified mixed & 360 sxs class G  
 CEMENT TOP AT: 648' per cement bond log(Schlumberger)

LOGS: DIGL/SP/GR/CAL  
 SDL/DSN/GR



**PERFORATION RECORD**

| Date    | Interval    | Tool   | Holes    |
|---------|-------------|--------|----------|
| 9/17/98 | 5296'-5300' | 2 JSPF | 8 holes  |
| 9/17/98 | 5327'-5330' | 2 JSPF | 6 holes  |
| 9/17/98 | 5336'-5340' | 2 JSPF | 8 holes  |
| 9/17/98 | 5366'-5371' | 2 JSPF | 10 holes |
| 9/17/98 | 5424'-5427' | 2 JSPF | 6 holes  |
| 9/17/98 | 5434'-5438' | 2 JSPF | 8 holes  |
| 9/17/98 | 5469'-5475' | 2 JSPF | 12 holes |
| 9/17/98 | 5492'-5497' | 2 JSPF | 10 holes |
| 9/18/98 | 5114'-5120' | 4 JSPF | 24 holes |
| 9/22/98 | 4968'-4973' | 4 JSPF | 20 holes |
| 9/22/98 | 4982'-4988' | 4 JSPF | 24 holes |

Sand PBTD 5828'  
 PBTD @ 5830'  
 TD @ 5950'



**Inland Resources Inc.**

**Ashley Unit #15-1-9-15**

1783 FEL 797 FSL

SWSE Section 1-T9S-R15E

Duchesne Co, Utah

API #43-013-32003; Lease #U-74826

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

---ooOoo---

|                                 |   |                   |
|---------------------------------|---|-------------------|
| IN THE MATTER OF THE            | : | NOTICE OF AGENCY  |
| APPLICATION OF INLAND           | : | ACTION            |
| PRODUCTION COMPANY FOR          | : |                   |
| ADMINISTRATIVE APPROVAL OF      | : | CAUSE NO. UIC-242 |
| THE ASHLEY FEDERAL 11-1-9-15 &  | : |                   |
| 15-1-9-15 WELLS LOCATED IN      | : |                   |
| SECTIONS 1 & 15, TOWNSHIP       | : |                   |
| 9 SOUTH, RANGE 15 EAST, S.L.M., | : |                   |
| DUCHESNE COUNTY, UTAH, AS       | : |                   |
| CLASS II INJECTION WELLS        | : |                   |

---ooOoo---

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

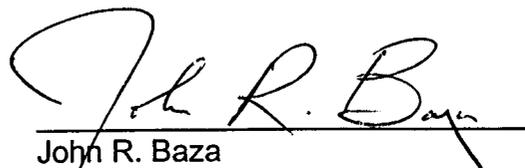
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Ashley Federal 11-1-9-15 & 15-1-9-15 wells, located in Sections 1 & 15, Township 9 South, Range 15 East, S.L.M., Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The Green River Formation will be selectively perforated for water injection. The maximum injection pressure and rate will be determined on each individual well based on fracture gradient information submitted by Inland 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. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 5th day of August 1999.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

  
John R. Baza  
Associate Director



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

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

August 5, 1999

Newspaper Agency Corporation  
Legal Advertising  
PO Box 45838  
Salt Lake City, Utah 84145

Re: Notice of Agency Action - Cause No. UIC-242

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

*Lorraine Platt*

Lorraine Platt  
Secretary

Enclosure



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

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
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August 5, 1999

Uintah Basin Standard  
268 South 200 East  
Roosevelt, Utah 84066

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Sincerely,

A handwritten signature in cursive script that reads "Lorraine Platt".

Lorraine Platt  
Secretary

Enclosure

**Inland Production Company  
Ashley Federal 11-1-9-15 & 15-1-9-15 Wells  
Cause No. UIC-242**

Publication Notices were sent to the following:

Inland Production Company  
Route #3 Box 3630  
Myton, Utah 84052

Newspaper Agency Corporation  
Legal Advertising  
P.O. Box 45838  
Salt Lake City, Utah 84145

Uintah Basin Standard  
268 South 200 East  
Roosevelt, Utah 84066

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

U.S. Environmental Protection Agency  
Region VIII  
Attn. Dan Jackson  
999 18th Street  
Denver, Colorado 80202-2466

School & Institutional Trust Lands Administration  
Attn: Jim Cooper  
675 East 500 South  
Salt Lake City, Utah 84102



Lorraine Platt  
Secretary  
August 5, 1999

113 SOUTH MAIN ST.  
 P.O. BOX 45838  
 SALT LAKE CITY, UTAH 84145  
 FAX I.D.# 87-0217663

Newspaper Agency Corporation

The Salt Lake Tribune  DESERET NEWS

CUSTOMER'S COPY

PROOF OF PUBLICATION

| CUSTOMER NAME AND ADDRESS  | ACCOUNT NUMBER | DATE     |
|--|----------------|----------|
| DIV OF OIL, GAS & MINING<br>1594 W NORTH TEMP #1210<br>P.O. BOX 145801<br>SALT LAKE CITY, UT 84114 | D5385340L-07   | 08/10/99 |

| ACCOUNT NAME                   |                |
|--------------------------------|----------------|
| DIV OF OIL, GAS & MINING       |                |
| TELEPHONE                      | INVOICE NUMBER |
| 801-538-5340                   | TL8200A0R01    |
| SCHEDULE                       |                |
| START 08/10/99 END 08/10/99    |                |
| CUST. REF. NO.                 |                |
| UIC-242                        |                |
| CAPTION                        |                |
| BEFORE THE DIVISION OF OIL, GA |                |
| SIZE                           |                |
| 75 LINES 1.00 COLUMN           |                |
| TIMES                          | RATE           |
| 1                              | 1.64           |
| MISC. CHARGES                  | AD CHARGES     |
| .00                            | 123.00         |
| TOTAL COST                     |                |
| 123.00                         |                |

STATE OF UTAH  
 DIVISION OF OIL, GAS & MINING  
 DEPARTMENT OF NATURAL RESOURCES  
 NOTICE OF AGENCY ACTION  
 CAUSE NO. UIC-242

IN THE MATTER OF THE APPLICATION OF INLAND PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF THE ASHLEY FEDERAL 11-19-15 AND 15-19-15 WELLS LOCATED IN SECTIONS 1 AND 15, TOWNSHIP 9 SOUTH, RANGE 15 EAST, S.1.M., DUCHESE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

Notice is hereby given that the Division of Oil, Gas and Mining (the Division) is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Ashley Federal 11-19-15 and 15-19-15 wells, located in Sections 1 and 15, 28 Township 9 South, Range 15 East, S.1.M., Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R. 649-10, Administrative Procedures.

The Green River Formation will be selectively perforated for water injection. The maximum injection pressure and rate will be determined on each individual well based on fracture gradient information submitted by Inland Production Company.

Any person desiring to object to the proposed action and intervention scheduled for hearing will be scheduled before the Board of Oil, Gas and Mining Professionals and/or intervenors should be prepared to demonstrate to the hearing how the proposed action will affect their interests.

STATE OF UTAH  
 DIVISION OF OIL, GAS & MINING  
 /s/ John R. Sells, Register  
 Associate Director  
 8200A0R01

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT ADVERTISEMENT OF BEFORE THE DIVISION OF OIL, GA DIV OF OIL, GAS & MINING WAS PUBLISHED BY THE NEWS CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAI PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON START 08/10/99 / END 08/10/99

SIGNATURE *James Hong*

DATE 08/10/99



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

2027 REC 6131 NEADMOIR GEO 9

# AFFIDAVIT OF PUBLICATION

County of Duchesne,  
STATE OF UTAH

I, Craig L. 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 10 day of August, 19 99, and that the last publication of such notice was in the issue of such newspaper dated the 10 day of August, 19 99.

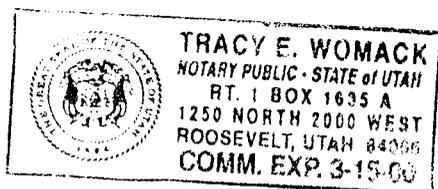
\_\_\_\_\_  
Publisher

Subscribed and sworn to before me this

23 day of Aug, 19 99

Tracy E. Womack

\_\_\_\_\_  
Notary Public



## NOTICE OF AGENCY ACTION

### NOTICE OF AGENCY ACTION

CAUSED NO. UIC-242  
IN THE MATTER OF  
THE APPLICATION OF  
INLAND PRODUCTION  
COMPANY FOR AD-  
MINISTRATIVE AP-  
PROVAL OF THE  
ASHLEY FEDERAL 11-  
1-9-15 & 15-1-9-15  
WELLS LOCATED IN  
SECTIONS 1 & 15,  
TOWNSHIP 9 SOUTH,  
RANGE 15 EAST, S.L.M.  
DUCHESNE COUNTY,  
UTAH, AS CLASS II IN-  
JECTION WELLS

THE STATE OF  
UTAH TO ALL PER-  
SONS 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 Inland Production Company for administrative approval of the Ashley Federal 11-1-9-15 & 15-1-9-15 wells, located in Sections 1 & 15, Township 9 South, Range 15 East, S.L.M., Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R. 649-10, Administrative Procedures.

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Dated this 5th day of August 1999.

STATE OF UTAH  
DIVISION OF OIL, GAS  
AND MINING

John R. Baza, Associate  
Director

Published in the Uintah  
Basin Standard August 10,  
1999

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

---ooOoo---

|                                 |   |                   |
|---------------------------------|---|-------------------|
| IN THE MATTER OF THE            | : | NOTICE OF AGENCY  |
| APPLICATION OF INLAND           | : | ACTION            |
| PRODUCTION COMPANY FOR          | : |                   |
| ADMINISTRATIVE APPROVAL OF      | : | CAUSE NO. UIC-242 |
| THE ASHLEY FEDERAL 11-1-9-15 &  | : |                   |
| 15-1-9-15 WELLS LOCATED IN      | : |                   |
| SECTIONS 1 & 15, TOWNSHIP       | : |                   |
| 9 SOUTH, RANGE 15 EAST, S.L.M., | : |                   |
| DUCHESNE COUNTY, UTAH, AS       | : |                   |
| CLASS II INJECTION WELLS        | : |                   |

---ooOoo---

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

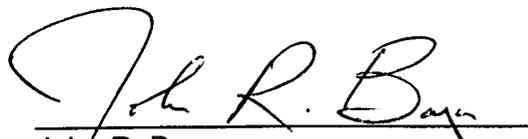
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Dated this 5th day of August 1999.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

  
\_\_\_\_\_  
John R. Baza  
Associate Director



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

Michael O. Leavitt  
Governor  
Kathleen Clarke  
Executive Director  
Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

August 5, 1999

Newspaper Agency Corporation  
Legal Advertising  
PO Box 45838  
Salt Lake City, Utah 84145

Re: Notice of Agency Action - Cause No. UIC-242

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

*Lorraine Platt*

Lorraine Platt  
Secretary

Enclosure



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

Michael O. Leavitt  
Governor  
Kathleen Clarke  
Executive Director  
Lowell P. Braxton  
Division Director

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801-538-5340  
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August 5, 1999

Uintah Basin Standard  
268 South 200 East  
Roosevelt, Utah 84066

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Sincerely,

*Lorraine Platt*

Lorraine Platt  
Secretary

Enclosure

**Inland Production Company  
Ashley Federal 11-1-9-15 & 15-1-9-15 Wells  
Cause No. UIC-242**

Publication Notices were sent to the following:

Inland Production Company  
Route #3 Box 3630  
Myton, Utah 84052

Newspaper Agency Corporation  
Legal Advertising  
P.O. Box 45838  
Salt Lake City, Utah 84145

Uintah Basin Standard  
268 South 200 East  
Roosevelt, Utah 84066

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

U.S. Environmental Protection Agency  
Region VIII  
Attn. Dan Jackson  
999 18th Street  
Denver, Colorado 80202-2466

School & Institutional Trust Lands Administration  
Attn: Jim Cooper  
675 East 500 South  
Salt Lake City, Utah 84102



---

Lorraine Platt  
Secretary  
August 5, 1999



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

Michael O. Leavitt  
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Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

December 21, 1999

Inland Production Company  
410 Seventeenth Street, Suite 700  
Denver, Colorado 80202

Re: Ashley Unit Well: Ashley Federal 15-1-9-15, Section 1, Township 9 South, Range 15 East, Duchesne County, Utah

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 Inland Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.

If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,

John R. Baza  
Associate Director, Oil and Gas

cc: Dan Jackson, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Inland Production Company, Myton

DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM

**PERMIT  
STATEMENT OF BASIS**

**Applicant:** Inland Production Company

**Well:** Ashley Fed. 15-1-9-15

**Location:** 1/9S/15E

**API:** 43-013-32003

**Ownership Issues:** The proposed well is located on Federal (BLM) land. The well is located in the Ashley Unit. Lands in the one-half mile radius of the well are administered by the BLM. Inland and various individuals hold the leases in the unit. Inland has provided a list of all surface, mineral and lease holders in the half-mile radius. Inland is the operator of the Ashley Unit. Inland 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 332 feet and is cemented to surface. A 5 ½ inch production casing is set at 5936 feet and has a cement bond better than an 80% bond over most of the cemented interval up to 2880 feet. A 2 7/8 inch tubing with a packer will be set at 4918 feet. A mechanical integrity test will be run on the well prior to injection. There are 8 producing or injection wells in the area of review. All of the wells have adequate casing and cement. No corrective action will be required.

**Ground Water Protection:** According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 500 feet. Injection will be limited to the interval between 4968 feet and 5497 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 15-1-9-15 well is .895 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2285 psig. The requested maximum pressure is 2285 psig. The anticipated average injection pressure is 1500 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.

**Ashley Fed. 15-1-9-15**  
**page 2**

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Ashley Unit on August 25, 1998. 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 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 Administrative 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): Brad Hill Date: 12/21/99



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

Michael O. Leavitt  
Governor  
Kathleen Clarke  
Executive Director  
Lowell P. Braxton  
Division Director

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Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
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UNDERGROUND INJECTION CONTROL PERMIT

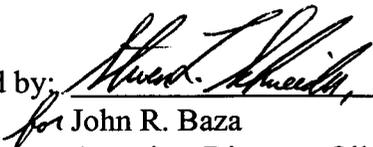
Cause No. UIC-242

**Operator:** Inland Production Company  
**Well:** Ashley Federal 15-1  
**Location:** Section 1, Township 9 South, Range 15 East, Duchesne County  
**API No.:** 43-013-32003  
**Well Type:** Enhanced Recovery (waterflood)

**Stipulations of Permit Approval**

1. Approval for conversion to Injection Well issued on December 21, 1999.
2. Maximum Allowable Injection Pressure: 2285 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4968 feet - 5497 feet)

---

Approved by:   
for John R. Baza  
Associate Director, Oil And Gas

4-11-2000  
Date

cc: Dan Jackson Environmental Protection Agency  
Bureau of Land Management, Vernal  
Inland Production Company, Myton



PRODUCTION COMPANY

A Subsidiary of Inland Resources Inc.

April 10, 2000

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

Re: Ashley Fed 15-1-9-15  
Injection Conversion

Dear Brad:

Inland converted the subject well from a producing to an injection well on April 7, 2000. A mechanical integrity test (MIT) was conducted on April 10, 2000 however Mr. Dennis Ingram was unable to witness the test. The casing was pressured to 1550 psi and held for one half hour with no pressure loss.

Find enclosed an MIT sundry, tabular data sheet, and a chart recording of the test. Inland is requesting permission to commence injection on the subject well. Please contact me at the number listed below if you have any questions.

Sincerely,

Rod Bird  
Production Foreman

Enclosures

RECEIVED

APR 12 2000

DIVISION OF  
OIL, GAS AND MINING

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

|   |  |   |                        |
|---|--|---|------------------------|
| <b>1. SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.<br>Use "APPLICATION FOR PERMIT-" for such proposals.) |  | 5. LEASE DESIGNATION AND SERIAL NO.<br><b>U-74826</b>                                 |                        |
| OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>   |  | 6. IF INDIAN, ALLOTTEE OR TRIBAL NAME<br><br><b>N/A</b>                               |                        |
| <b>2. NAME OF OPERATOR</b><br><b>INLAND PRODUCTION COMPANY</b>  |  | 7. UNIT AGREEMENT NAME<br><b>ASHLEY (GR RVR)</b>                                      |                        |
| <b>3. ADDRESS OF OPERATOR</b><br><b>Route 3, Box 3630, Myton Utah 84052</b><br><b>(435-646-3721)</b>  |  | 8. FARM OR LEASE NAME<br><b>ASHLEY FEDERAL 15-1</b>                                   |                        |
| <b>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*</b><br>See also space 17 below.)<br>At surface<br><b>SW/SE 797 FSL 1783 FEL</b>                             |  | 9. WELL NO.<br><b>ASHLEY FEDERAL 15-1</b>   |                        |
|   |  | 10. FIELD AND POOL, OR WILDCAT<br><b>ASHLEY</b>                                       |                        |
|   |  | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br><b>SW/SE Section 1, T09S R15E</b> |                        |
| 14. API NUMBER<br><b>43-013-32003</b>   | 15. ELEVATIONS (Show whether DF, RT, GR, etc.)<br><b>5252 GR</b> | 12. COUNTY OR PARISH<br><b>DUCHESNE</b>   | 13. STATE<br><b>UT</b> |

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

| NOTICE OF INTENTION TO:                      |   | SUBSEQUENT REPORT OF:   |  |
|--|---|---|--|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/>   | REPAIRING WELL <input type="checkbox"/>  |
| FRACTURE TREAT <input type="checkbox"/>      | MULTIPLE COMPLETE <input type="checkbox"/>    | FRACTURE TREATMENT <input type="checkbox"/>   | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/>    | ABANDON* <input type="checkbox"/>             | SHOOTING OR ACIDIZING <input type="checkbox"/>  | ABANDONMENT* <input type="checkbox"/>    |
| REPAIR WELL <input type="checkbox"/>         | <input type="checkbox"/>                      | (OTHER) <u>Perform MIT.</u>   | <input type="checkbox"/>                 |
| (OTHER) <input type="checkbox"/>             | <input type="checkbox"/>                      | (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) |  |

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

The subject well was converted from a production to an injection well. Mr. Dennis Ingram of the State DOGM was notified of the intent to perform an MIT on April 7, 2000. On April 10, 2000, the casing annulus was pressured to 1550 psi and maintained for one half hour with no pressure loss. Dennis Ingram was unable to witness the test but approved to chart and send in.

Inland is requesting permission to commence injection.

18 I hereby certify that the foregoing is true and correct

|        |                 |       |                    |      |         |
|--------|-----------------|-------|--------------------|------|---------|
| SIGNED | <i>Rod Bird</i> | TITLE | Production Foreman | DATE | 4/10/00 |
|        | Rod Bird        |       |                    |      |         |

(This space for Federal or State office use)  
 APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

\* See Instructions On Reverse Side

**RECEIVED**  
 APR 12 2000  
 DIVISION OF  
 OIL, GAS AND MINING

# Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: \_\_\_\_\_ Date 4/10/00 Time 11:00  am  pm

Test Conducted by: Roddie Bird

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

|  |                      |
|--|----------------------|
| Well: <u>Ashley Fed 15-1-9-15</u>                                  | Field: <u>Ashley</u> |
| Well Location: <u>SW/SE Sec. 1, T09S R15E API No: 43-013-32003</u> |                      |
| <u>Duchesne co. Utah</u>   |                      |

**RECEIVED**

APR 12 2000

DIVISION OF  
OIL, GAS AND MINING

| <u>Time</u> | <u>Casing Pressure</u> |      |
|-------------|------------------------|------|
| 0 min       | <u>1550</u>            | psig |
| 5           | <u>1550</u>            | psig |
| 10          | <u>1550</u>            | psig |
| 15          | <u>1550</u>            | psig |
| 20          | <u>1550</u>            | psig |
| 25          | <u>1550</u>            | psig |
| 30 min      | <u>1550</u>            | psig |
| 35          |                        | psig |
| 40          |                        | psig |
| 45          |                        | psig |
| 50          |                        | psig |
| 55          |                        | psig |
| 60 min      |                        | psig |

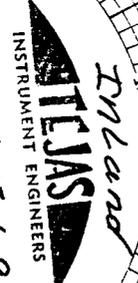
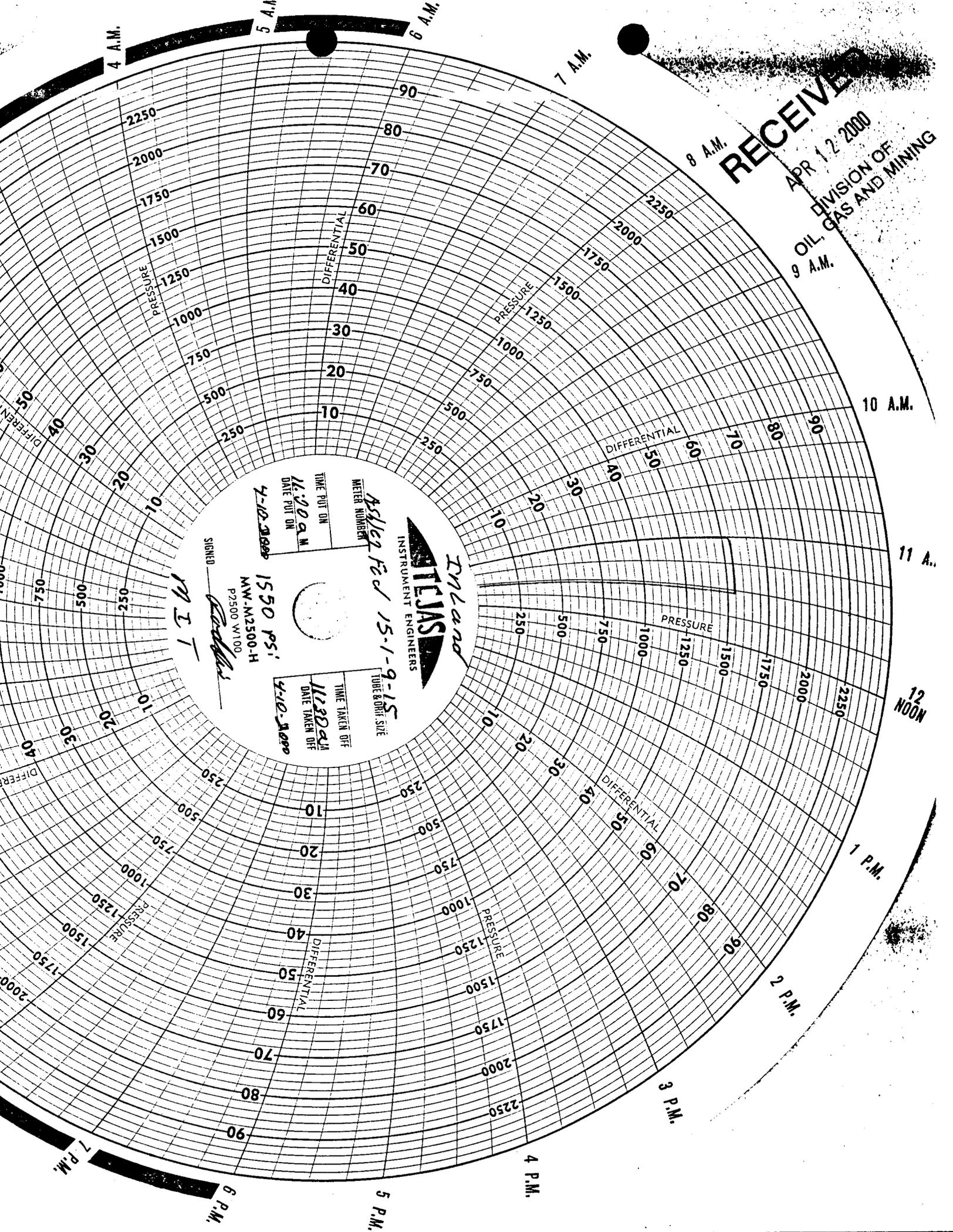
Tubing pressure: 200 psig

Result:  **Pass**  **Fail**

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

Signature of Person Conducting Test: Roddie Bird

RECEIVED  
APR 12 2000  
DIVISION OF  
OIL, GAS AND MINING  
9 A.M.



**Inland**  
INSTRUMENT ENGINEERS

METER NUMBER  
*Asst. Fed 15-1-9-15*

TIME PUT ON  
*11:00 A.M.*

DATE PUT ON  
*4-10-1900*

TIME TAKEN OFF  
*11:30 A.M.*

DATE TAKEN OFF  
*4-10-1900*

TUBE & ORIF. SIZE

1550 PSI  
NW-M2500-H  
P2500 W100

SIGNED  
*[Signature]*  
M I T

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

|   |  |  |                        |
|---|--|--|------------------------|
| <b>1. SUNDRY NOTICES AND REPORTS ON WELLS</b>   |  | 5. LEASE DESIGNATION AND SERIAL NO.<br><b>U-74826</b>                                |                        |
| (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.<br>Use "APPLICATION FOR PERMIT--" for such proposals.)                                       |  | 6. IF INDIAN, ALLOTTEE OR TRIBAL NAME<br><br>N/A                                     |                        |
|   |  | 7. UNIT AGREEMENT NAME<br><br><b>ASHLEY (GR RVR)</b>                                 |                        |
| 2. NAME OF OPERATOR<br><b>INLAND PRODUCTION COMPANY</b>   |  | 8. FARM OR LEASE NAME<br><b>ASHLEY FEDERAL 15-1</b>                                  |                        |
| 3. ADDRESS OF OPERATOR<br><b>Route 3, Box 3630, Myton Utah 84052<br/>(435-646-3721)</b>   |  | 9. WELL NO.<br><b>ASHLEY FEDERAL 15-1</b>  |                        |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*<br>See also space 17 below.)<br>At surface<br><b>SW/SE                      797 FSL 1783 FEL</b> |  | 10. FIELD AND POOL OR WILDCAT<br><br><b>ASHLEY</b>                                   |                        |
|   |  | 11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA<br><b>SW/SE Section 1, T09S R15E</b> |                        |
| 14. API NUMBER<br><b>43-013-32003</b>   | 15. ELEVATIONS (Show whether DF, RT, GR, etc.)<br><b>5252 GR</b> | 12. COUNTY OR PARISH<br><b>DUCHESNE</b>  | 13. STATE<br><b>UT</b> |

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

| NOTICE OF INTENTION TO:                      | SUBSEQUENT REPORT OF:                         |   |  |
|--|---|---|--|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/>                                 | REPAIRING WELL <input type="checkbox"/>  |
| FRACTURE TREAT <input type="checkbox"/>      | MULTIPLE COMPLETE <input type="checkbox"/>    | FRACTURE TREATMENT <input type="checkbox"/>                             | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/>    | ABANDON* <input type="checkbox"/>             | SHOOTING OR ACIDIZING <input type="checkbox"/>                          | ABANDONMENT* <input type="checkbox"/>    |
| REPAIR WELL <input type="checkbox"/>         | (OTHER) <input type="checkbox"/>              | (OTHER) <u>Injection Conversion</u> <input checked="" type="checkbox"/> |  |
| (OTHER) <input type="checkbox"/>             |   |   |  |

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

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

The subject well was converted from a production to an injection well on 4/8/00. The rod and tubing anchor were removed and a packer was inserted in the bottom hole assembly at 4920'.

RECEIVED

APR 13 2000

DIVISION OF  
OIL, GAS AND MINING

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

|        |                                |                     |
|--------|--------------------------------|---------------------|
| SIGNED | TITLE <u>District Engineer</u> | DATE <u>4/11/00</u> |
|--------|--------------------------------|---------------------|

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

\* See Instructions On Reverse Side

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

|   |  |   |  |
|---|--|---|--|
| <b>1. SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.<br>Use "APPLICATION FOR PERMIT--" for such proposals.)<br><br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> |  | <b>5. LEASE DESIGNATION AND SERIAL NO.</b><br>U-74826                                 |  |
| <b>2. NAME OF OPERATOR</b><br>INLAND PRODUCTION COMPANY   |  | <b>6. IF INDIAN, ALLOTTEE OR TRIBAL NAME</b><br><br>N/A                               |  |
| <b>3. ADDRESS OF OPERATOR</b><br>Route 3, Box 3630, Myton Utah 84052<br>(435-646-3721)  |  | <b>7. UNIT AGREEMENT NAME</b><br>ASHLEY (GR RVR)                                      |  |
| <b>4. LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.*<br>See also space 17 below.)<br>At surface<br>SW/SE 797 FSL 1783 FEL  |  | <b>8. FARM OR LEASE NAME</b><br>ASHLEY FEDERAL 15-1                                   |  |
| <b>14. API NUMBER</b><br>43-013-32003   |  | <b>9. WELL NO.</b><br>ASHLEY FEDERAL 15-1   |  |
| <b>15. ELEVATIONS</b> (Show whether DF, RT, GR, etc.)<br>5252 GR  |  | <b>10. FIELD AND POOL, OR WILDCAT</b><br>ASHLEY                                       |  |
| <b>12. COUNTY OR PARISH</b><br>DUCHESNE   |  | <b>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b><br>SW/SE Section 1, T09S R15E |  |
| <b>13. STATE</b><br>UT  |  |   |  |

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

| NOTICE OF INTENTION TO:                      | SUBSEQUENT REPORT OF:                         |
|--|---|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/>      | MULTIPLE COMPLETE <input type="checkbox"/>    |
| SHOOT OR ACIDIZE <input type="checkbox"/>    | ABANDON* <input type="checkbox"/>             |
| REPAIR WELL <input type="checkbox"/>         | (OTHER) <input type="checkbox"/>              |
| (OTHER) <input type="checkbox"/>             |   |

|   |  |
|---|--|
| WATER SHUT-OFF <input type="checkbox"/>                                 | REPAIRING WELL <input type="checkbox"/>  |
| FRACTURE TREATMENT <input type="checkbox"/>                             | ALTERING CASING <input type="checkbox"/> |
| SHOOTING OR ACIDIZING <input type="checkbox"/>                          | ABANDONMENT* <input type="checkbox"/>    |
| (OTHER) <u>Injection Conversion</u> <input checked="" type="checkbox"/> |  |

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

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

The subject well was converted from a production to an injection well on 4/8/00. The rods and tubing anchor were removed and a packer was inserted in the bottom hole assembly at 4920'.

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

SIGNED: [Signature] TITLE: District Engineer DATE: 5/2/00

(This space for Federal or State office use)  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

**RECEIVED**

JUN 12 2000

DIVISION OF  
OIL, GAS AND MINING

\* See Instructions On Reverse Side

**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

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**Route 3, Box 3630, Myton Utah 84052 (435-646-3721)**

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

**797 FSL 1783 FEL                      SW/SE Section 1, T09S R15E**

5. Lease Designation and Serial No.

**U-74826**

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 15-1**

9. API Well No.

**43-013-32003**

10. Field and Pool, or Exploratory Area

**ASHLEY**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

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

**TYPE OF SUBMISSION**

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

**TYPE OF ACTION**

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other **First Report of Injection**

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.)\*

The subject well was placed on water injection on 4/24/00.

**RECEIVED**  
**JUN 12 2000**  
**DIVISION OF**  
**OIL, GAS AND MINING**

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

Signed *[Signature]* Title District Engineer Date 6/7/00

(This space for Federal or State office use)

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

Conditions of approval, if any:

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

|  |  |  |                        |
|--|--|--|------------------------|
| <b>1. SUNDRY NOTICES AND REPORTS ON WELLS</b>  |  | 5. LEASE IDENTIFICATION SERIAL NO.<br><b>U-74826</b>                               |                        |
| (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.<br>Use "APPLICATION FOR PERMIT" for such proposals.)                    |  | 6. IF INDIAN, ALLOTTEE OR TRIBAL NAME<br><b>N/A</b>                                |                        |
| OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>  |  | 7. UNIT AGREEMENT NAME<br><b>ASHLEY (GR RVR)</b>                                   |                        |
| 3. NAME OF OPERATOR<br><b>INLAND PRODUCTION COMPANY</b>  |  | 8. FARM OR LEASE NAME<br><b>ASHLEY FEDERAL 15-1</b>                                |                        |
| 3. ADDRESS OF OPERATOR<br><b>Route 3, Box 3630, Myton Utah 84052<br/>(435-646-3721)</b>  |  | 9. WELL NO.<br><b>ASHLEY FEDERAL 15-1</b>  |                        |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*<br>See also space 17 below.)<br>At surface<br><b>SW/SE 797 FSL 1783 FEL</b> |  | 10. FIELD AND POOL OR WILDCAT<br><b>ASHLEY</b>                                     |                        |
|  |  | 11. SEC. T., N., E., OR S. AND SURVEY OR AREA<br><b>SW/SE Section 1, T09S R15E</b> |                        |
| 14. API NUMBER<br><b>43-013-32003</b>  | 15. ELEVATIONS (Show whether DF, RT, GR, etc.)<br><b>5252 GR</b> | 12. COUNTY OR PARISH<br><b>DUCHESNE</b>  | 13. STATE<br><b>UT</b> |

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

| NOTICE OF INTENTION TO:                      |   | SUBSEQUENT REPORT OF:   |  |
|--|---|---|--|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/>   | REPAIRING WELL <input type="checkbox"/>  |
| FRACTURE TREAT <input type="checkbox"/>      | MULTIPLE COMPLETE <input type="checkbox"/>    | FRACTURE TREATMENT <input type="checkbox"/>   | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/>    | ABANDON* <input type="checkbox"/>             | SHOOTING OR ACIDIZING <input type="checkbox"/>  | ABANDONMENT* <input type="checkbox"/>    |
| REPAIR WELL <input type="checkbox"/>         | <input type="checkbox"/>                      | (OTHER) <u>Injection Conversion</u>   | <input checked="" type="checkbox"/>      |
| (OTHER) <input type="checkbox"/>             | <input type="checkbox"/>                      | (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) |  |

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

The subject well was converted from a production to an injection well on 4/8/00 . The rods and tubing anchor were removed and a packer was inserted in the bottom hole assembly at 4920'.

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

SIGNED [Signature] District Engineer DATE **4/11/00**

(This space for Federal or State office use)  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\* See Instructions On Reverse Side

WTC.  
7-11-00



## SUMMARY WORKOVER REPORT

### ASHLEY FED 15-1

SW/SE Section 1 - T9S - R15E  
Duchesne Co., UT  
API # 43-013-2003

Spud Dat 9/1/98  
TD 5950'

Completion or Workover Rig. BASIN #1

Injection Conversion

Report Date 4/7/00 Day 1

Date Work Performed 4/6/00

MIRU Basin #1: Pumped 110 BW dwn csg @ 250 degrees. RD pump unit & unseat pump. Flush rods & tbg w/45 BW @ 250 degrees. Soft seat pump & test tbg to 3000 psi. Screw back on to rods & POOH w/1 - 1-1/2" x 22' polish rod, 1 - 2' - 1 - 4', 1 - 6', 1 - 8' x 3/4" pony rods, 95 3/4" guided rods, 116 - 3/4" plain rods, 4 - 3/4" guided rods, 4 - 1-1/2" wt bars and LD rod pump. RD rod equipment & RU tbg equipment. ND wellhead & release TA. NU BOP & POOH w/179 jts tbg. TA, SN, NC. TIH w/5-1/2" bit and scraper, 57 jts tbg. SDFN due to wind. EWL 155 bbls.

Daily Cost \$2,100 Cumulative Cost \$2,100

Report Date 4/8/00 Day 2

Injection Conversion

Date Work Performed 4/7/00

Finish TIH w/bit & scraper, 179 jts @ 5560'. TOOH breaking and applying Liquid-O-Ring to every pin. LD 21 jts tbg. RU Arrow Set 1 pkr. TIH w/wireline entry guide, pkr, SN w/stand-in valve, 158 jts tbg. RD BOP. Hang well on bonnet @ 4918' EOT. SIFN.

Daily Cost \$2,800 Cumulative Cost \$4,900

Report Date 4/9/00 Day 3

Injection Conversion

Date Work Performed 4/8/00

Pump 27 BW dwn tbg & tested to 3000 psi. Fish stand-in valve. Pump 65 bbls pkr fluid dwn csg. Set pkr w/16,000# tension. Pressure test tbg, pkr & csg to 1100 psi w/25 bbls pkr fluid. RDMO SU. Well ready for MIT.

Daily Cost \$4,900 Cumulative Cost \$9,800



# United States Department of the Interior



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

IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

## Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

## Enclosure

1. State of Texas Certificate of Registration

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

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



## Office of the Secretary of State

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

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

|   |              |   |
|---|--------------|---|
| Well Name and Number<br>See Attached List |              | API Number                              |
| Location of Well                          |              | Field or Unit Name<br>See Attached List |
| Footage :                                 | County :     | Lease Designation and Number            |
| QQ, Section, Township, Range:             | State : UTAH |   |

EFFECTIVE DATE OF TRANSFER: 9/1/2004

**CURRENT OPERATOR**

|   |                                       |
|---|---------------------------------------|
| Company: <u>Inland Production Company</u>   | Name: <u>Brian Harris</u>             |
| Address: <u>1401 17th Street Suite 1000</u> | Signature: <u><i>Brian Harris</i></u> |
| <u>city Denver state Co zip 80202</u>       | Title: <u>Engineering Tech.</u>       |
| Phone: <u>(303) 893-0102</u>                | Date: <u>9/15/2004</u>                |
| Comments:                                   |                                       |

**NEW OPERATOR**

|   |                                       |
|---|---------------------------------------|
| Company: <u>Newfield Production Company</u> | Name: <u>Brian Harris</u>             |
| Address: <u>1401 17th Street Suite 1000</u> | Signature: <u><i>Brian Harris</i></u> |
| <u>city Denver state Co zip 80202</u>       | Title: <u>Engineering Tech.</u>       |
| Phone: _____                                | Date: <u>9/15/2004</u>                |
| Comments:                                   |                                       |

(This space for State use only)

Transfer approved by: *A. Stewart*  
Title: *Tech. Services Manager*

Approval Date: 9-20-04

Comments: Note: Indian Country wells will require EPA approval.

RECEIVED  
SEP 20 2004  
DIV. OF OIL, GAS & MINING

**OPERATOR CHANGE WORKSHEET**

|                |  |
|----------------|--|
| <b>ROUTING</b> |  |
| 1. GLH         |  |
| 2. CDW         |  |
| 3. FILE        |  |

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

**Merger**

|   |  |                 |
|---|--|-----------------|
| The operator of the well(s) listed below has changed, effective:  |  | <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 |                 |
| <b>CA No.</b>   | <b>Unit:</b>   | <b>ASHLEY</b>   |

| <b>WELL(S)</b>       |     |      |      |            |           |            |           |             |
|----------------------|-----|------|------|------------|-----------|------------|-----------|-------------|
| NAME                 | SEC | TWN  | RNG  | API NO     | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |
| NORTH ASHLEY 1-1     | 01  | 090S | 150E | 4301331787 | 12419     | Federal    | WI        | A           |
| NORTH ASHLEY 8-1     | 01  | 090S | 150E | 4301331809 | 12419     | Federal    | OW        | P           |
| ASHLEY FED 7-1       | 01  | 090S | 150E | 4301331824 | 12419     | Federal    | WI        | A           |
| ASHLEY FED 10-1      | 01  | 090S | 150E | 4301331825 | 12419     | Federal    | OW        | P           |
| ASHLEY FED 9-1       | 01  | 090S | 150E | 4301331859 | 12419     | Federal    | WI        | A           |
| ASHLEY FED 2-1       | 01  | 090S | 150E | 4301331883 | 12419     | Federal    | OW        | P           |
| ASHLEY FED 11-1      | 01  | 090S | 150E | 4301331926 | 12419     | Federal    | WI        | A           |
| ASHLEY FED 6-1       | 01  | 090S | 150E | 4301331927 | 12419     | Federal    | OW        | P           |
| ASHLEY FED 5-1-9-15  | 01  | 090S | 150E | 4301331998 | 12419     | Federal    | WI        | A           |
| ASHLEY FED 12-1-9-15 | 01  | 090S | 150E | 4301332000 | 12419     | Federal    | OW        | P           |
| ASHLEY FED 13-1-9-15 | 01  | 090S | 150E | 4301332001 | 12419     | Federal    | D         | PA          |
| ASHLEY FED 14-1      | 01  | 090S | 150E | 4301332002 | 12419     | Federal    | OW        | P           |
| ASHLEY FED 15-1      | 01  | 090S | 150E | 4301332003 | 12419     | Federal    | WI        | A           |
| ASHLEY FED 16-1      | 01  | 090S | 150E | 4301332004 | 12419     | Federal    | OW        | P           |
| ASHLEY U 3-1-9-15    | 01  | 090S | 150E | 4301332117 | 12419     | Federal    | WI        | A           |
| ASHLEY U 4-1-9-15    | 01  | 090S | 150E | 4301332118 | 12419     | Federal    | OW        | P           |
| ASHLEY U 1-12        | 12  | 090S | 150E | 4301332005 | 12419     | Federal    | WI        | A           |
| ASHLEY U 2-12        | 12  | 090S | 150E | 4301332006 | 12419     | Federal    | OW        | P           |
| ASHLEY U 4-12        | 12  | 090S | 150E | 4301332007 | 12419     | Federal    | OW        | P           |
| ASHLEY U 7-12        | 12  | 090S | 150E | 4301332008 | 12419     | Federal    | WI        | A           |
|                      |     |      |      |            |           |            |           |             |
|                      |     |      |      |            |           |            |           |             |

**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

INJECTION WELL - PRESSURE TEST

Well Name: AF # 15-1-9-15 API Number: 43-013-32003  
 Qtr/Qtr: SW/SE Section: 1 Township: 9S Range: 15E  
 Company Name: NEWFIELD  
 Lease: State: UT Fee: \_\_\_\_\_ Federal: UTU Indian: \_\_\_\_\_  
 Inspector: [Signature] Date: 03-23-05

Initial Conditions:

Tubing - Rate: 90.9 BPD Pressure: 1920 psi  
 Casing/Tubing Annulus - Pressure: 1175 psi

Conditions During Test:

| Time (Minutes) | Annulus Pressure | Tubing Pressure |
|----------------|------------------|-----------------|
| 0              | <u>1175</u>      | <u>1920</u>     |
| 5              | <u>1175</u>      | <u>1920</u>     |
| 10             | <u>1170</u>      | <u>1920</u>     |
| 15             | <u>1170</u>      | <u>1920</u>     |
| 20             | <u>1170</u>      | <u>1920</u>     |
| 25             | <u>1170</u>      | <u>1920</u>     |
| 30             | <u>1170</u>      | <u>1920</u>     |

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 1920 psi  
 Casing/Tubing Annulus Pressure: 1170 psi

COMMENTS:

Five year test, record on chart  
Chart dropped 5 psi; Casing gauge did NOT

[Signature]

Operator Representative

Tested @ 9:20

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU74826

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, 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:  
**ASHLEY PA A**

1. TYPE OF WELL:      OIL WELL       GAS WELL       OTHER  Injection well

8. WELL NAME and NUMBER:  
**ASHLEY FED 15-1**

2. NAME OF OPERATOR:  
**Newfield Production Company**

9. API NUMBER:  
**4301332003**

3. ADDRESS OF OPERATOR:  
Route 3 Box 3630      CITY Myton      STATE UT      ZIP 84052

PHONE NUMBER  
**435.646.3721**

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

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: **797 FSL 1783 FEL**

COUNTY: **Duchesne**

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: **SW/SE, 1, T9S, R15E**

STATE: **Utah**

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

TYPE OF ACTION

| TYPE OF SUBMISSION  | TYPE OF ACTION  |   |   |
|---|---|---|---|
| <input type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br><br>Approximate date work will<br><br><hr/>             | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION  |
|   | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL       |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br><br>Date of Work Completion:<br><hr/> | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARITLY ABANDON           |
|   | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                  |
|   | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLAIR                  |
|   | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL                 |
|   | <input type="checkbox"/> CHANGE WELL STATUS             | <input type="checkbox"/> PRODUCTION (START/STOP)          | <input type="checkbox"/> WATER SHUT-OFF                 |
|   | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE         | <input checked="" type="checkbox"/> OTHER: - 5 Year MIT |
|   | <input type="checkbox"/> CONVERT WELL TYPE              | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION |   |

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

A Five year MIT was conducted on the subject well. On 3/18/05 Mr. Dennis Ingram w/State DOGM was notified of the intent to conduct a MIT on the casing. On 3/23/05 the casing was pressured to 1175 psi w/ 5 psi pressure loss charted in the 1/2 hour test. Mr. Dennis Ingram was there to witness the test.

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

Date: 04-05-05  
By: [Signature]

COPY SENT TO OPERATOR  
Date: 4-6-05  
Initials: CHO

NAME (PLEASE PRINT) Krishna Russell      TITLE Production Clerk  
SIGNATURE [Signature]      DATE \_\_\_\_\_

(This space for State use only)

**RECEIVED**  
**MAR 30 2005**  
DIV. OF OIL, GAS & MINING

Mechanical Integrity Test:  
Casing or Annulus Pressure Test

Inland Production Company

Rt. 3 Box 3630  
Myton, UT 34052  
435-646-3721

Witness: Kenno Inyan Date 3/23/05 Time 9:15 am pm  
Test Conducted by: Tim Carroll  
Others Present: \_\_\_\_\_

Well: Ashley Federal 15-1-9-15 Field: Ashley unit  
Well Location: SW/SE Sec. 1-T95-R15E API No: 43-013-32003

| <u>Time</u> | <u>Casing Pressure</u> |      |
|-------------|------------------------|------|
| 0 min       | <u>1175</u>            | psig |
| 5           | <u>1175</u>            | psig |
| 10          | <u>1170</u>            | psig |
| 15          | <u>1170</u>            | psig |
| 20          | <u>1170</u>            | psig |
| 25          | <u>1170</u>            | psig |
| 30 min      | <u>1170</u>            | psig |
| 35          | _____                  | psig |
| 40          | _____                  | psig |
| 45          | _____                  | psig |
| 50          | _____                  | psig |
| 55          | _____                  | psig |
| 60 min      | _____                  | psig |

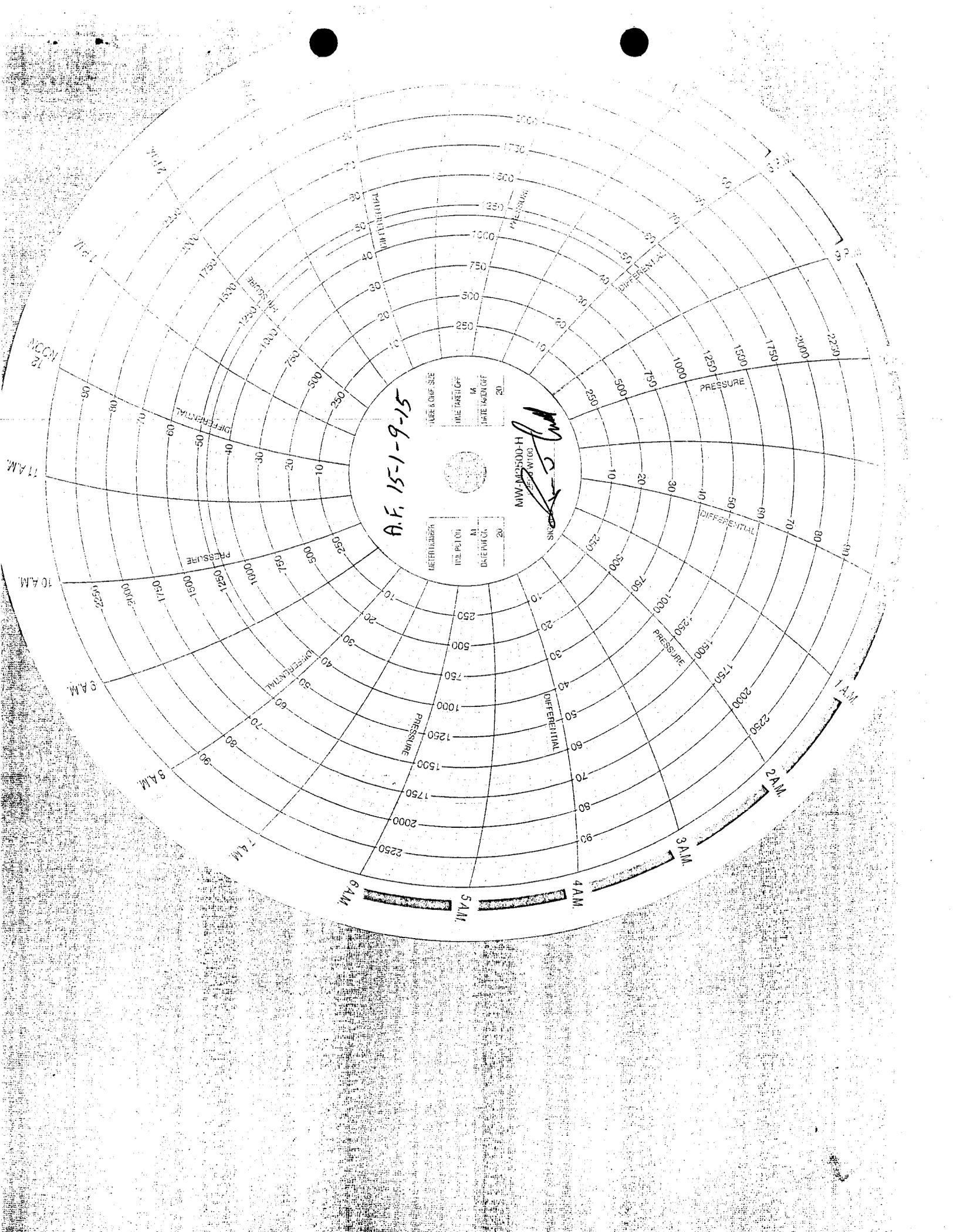
Tubing pressure: 1920 psig

Result: Pass   Pass   Fail

Signature of Witness:

Signature of Person Conducting Test:

Kenno Inyan  
Tim Carroll

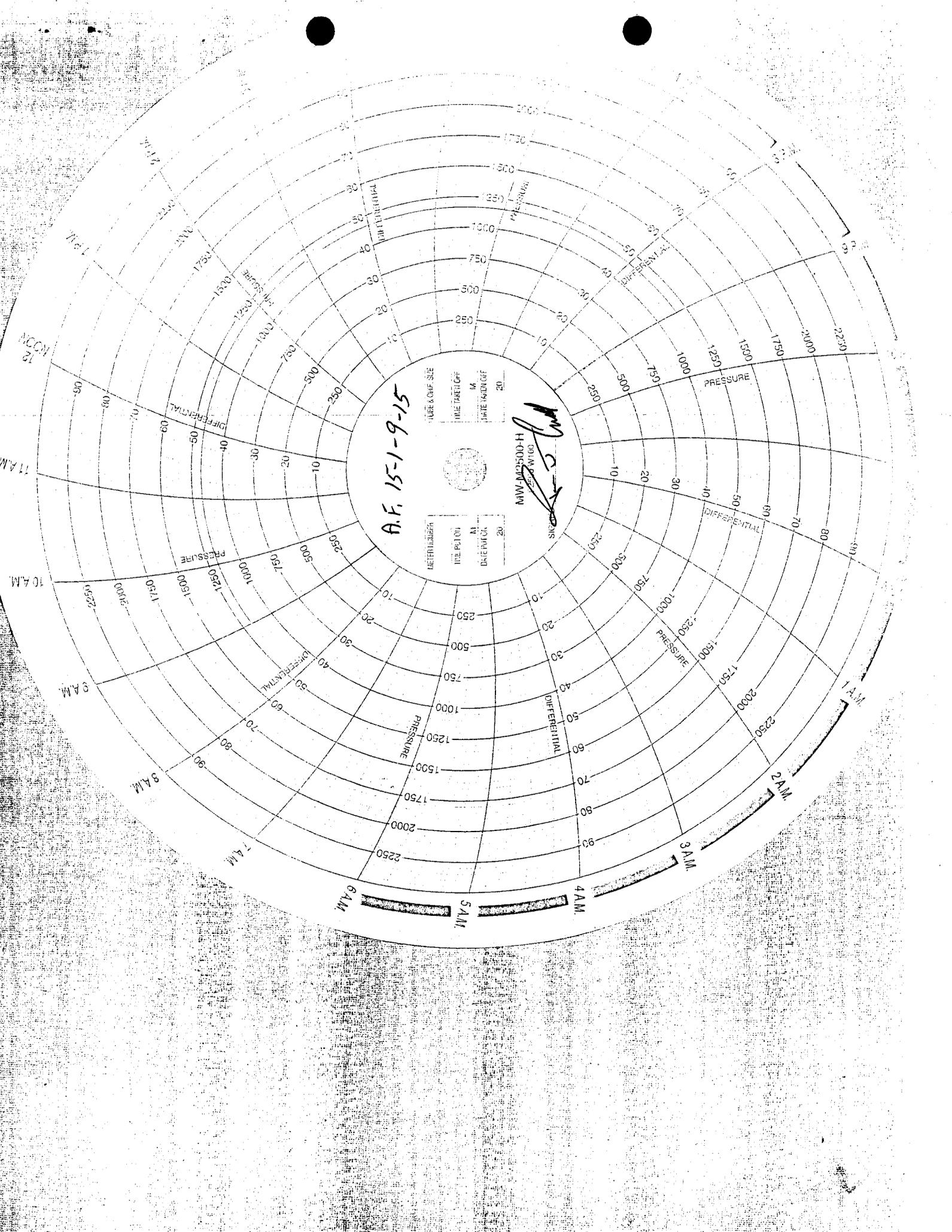


A.F. 15-1-9-15

MW-M15100-H

|                  |                |
|------------------|----------------|
| LINE & CHUF SIZE | LINE TARET OFF |
| DATE TARET OFF   | M              |
| LINE PISTON      | M              |
| DATE PISTON      | M              |

|              |             |
|--------------|-------------|
| DIFFERENTIAL | LINE PISTON |
| M            | M           |
| DATE PISTON  | M           |
| M            | M           |



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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-74826

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
GMBU

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
ASHLEY FED 15-1

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301332003

3. ADDRESS OF OPERATOR:  
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER  
435.646.3721

10. FIELD AND POOL, OR WILDCAT:  
MONUMENT BUTTE

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 797 FSL 1783 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSE, 1, T9S, R15E

STATE: UT

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

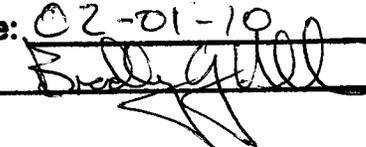
| TYPE OF SUBMISSION   | TYPE OF ACTION  |   |  |
|--|---|---|--|
| <input type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br><br>Approximate date work will<br>_____                      | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION     |
|  | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL          |
|  | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARITLY ABANDON              |
|  | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                     |
|  | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLAIR                     |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br><br>Date of Work Completion:<br>01/27/2010 | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL                    |
|  | <input type="checkbox"/> CHANGE WELL STATUS             | <input type="checkbox"/> PRODUCTION (START/STOP)          | <input type="checkbox"/> WATER SHUT-OFF                    |
|  | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE         | <input checked="" type="checkbox"/> OTHER: - Five Year MIT |
|  | <input type="checkbox"/> CONVERT WELL TYPE              | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION |  |

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

On 1/25/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. Permission was given at that time to perform the test on 1/25/2010. On 1/27/2010 the casing was pressured up to 1650 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 2000 psig during the test. There was not a State representative available to witness the test.

API# 43-013-32003

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

Date: 02-01-10  
By: 

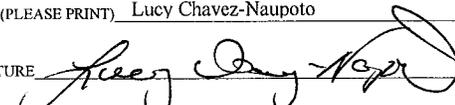
**COPY SENT TO OPERATOR**

Date: 2.3.2010

Initials: KS

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE 

DATE 01/29/2010

(This space for State use only)

**RECEIVED**

**FEB 01 2010**

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

# Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: \_\_\_\_\_ Date 1/27/10 Time 12:00 am  pm

Test Conducted by: Josh Horrocks

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

|   |                              |
|---|------------------------------|
| Well: <u>Ashley 15-1-9-15</u>                                       | Field: <u>MONUMENT BUTTE</u> |
| Well Location: <u>S475C1 T9 K15E</u><br><u>Duchesne County Utah</u> | API No: <u>43-013-32003</u>  |

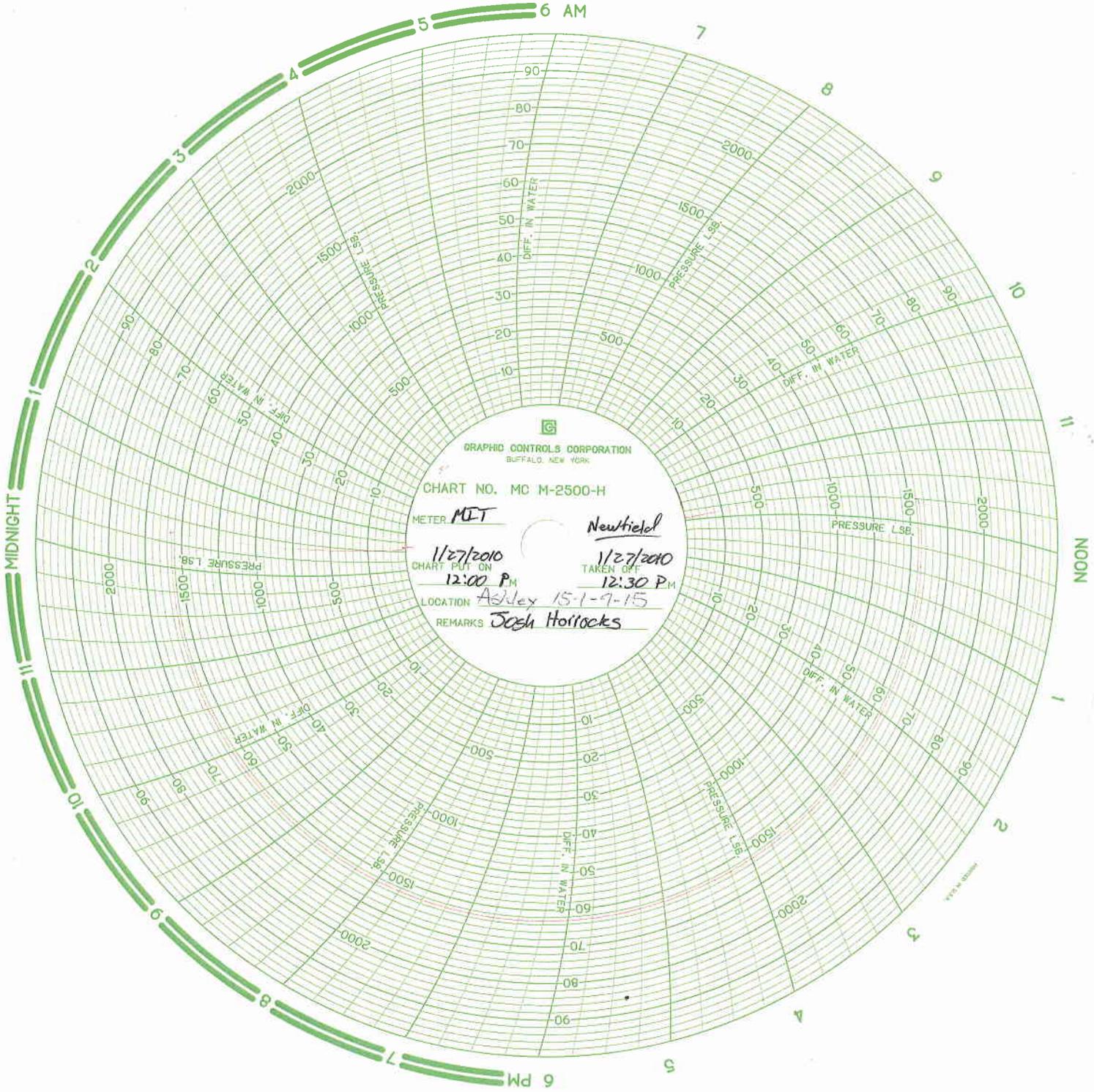
| <u>Time</u> | <u>Casing Pressure</u> |      |
|-------------|------------------------|------|
| 0 min       | <u>1650</u>            | psig |
| 5           | <u>1650</u>            | psig |
| 10          | <u>1650</u>            | psig |
| 15          | <u>1650</u>            | psig |
| 20          | <u>1650</u>            | psig |
| 25          | <u>1650</u>            | psig |
| 30 min      | <u>1650</u>            | psig |
| 35          | _____                  | psig |
| 40          | _____                  | psig |
| 45          | _____                  | psig |
| 50          | _____                  | psig |
| 55          | _____                  | psig |
| 60 min      | _____                  | psig |

Tubing pressure: 2000 psig

Result: Pass Fail

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

Signature of Person Conducting Test: Josh Horrocks



| STATE OF UTAH<br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING   |   | FORM 9   |  |
|--|---|--|--|
|  |   | <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>UTU-74826  |  |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b>   |   | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>   |  |
| Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.   |   | <b>7. UNIT or CA AGREEMENT NAME:</b><br>GMBU (GRRV)  |  |
| <b>1. TYPE OF WELL</b><br>Water Injection Well   |   | <b>8. WELL NAME and NUMBER:</b><br>ASHLEY FED 15-1   |  |
| <b>2. NAME OF OPERATOR:</b><br>NEWFIELD PRODUCTION COMPANY   |   | <b>9. API NUMBER:</b><br>43013320030000  |  |
| <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>0797 FSL 1783 FEL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SWSE Section: 01 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:<br><br><input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>Date of Work Completion:<br>12/18/2014<br><br><input type="checkbox"/> SPUD REPORT<br>Date of Spud:<br><br><input type="checkbox"/> DRILLING REPORT<br>Report Date:   | <input type="checkbox"/> ACIDIZE<br><br><input type="checkbox"/> CHANGE TO PREVIOUS PLANS<br><br><input 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 checked="" type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR<br><br><input type="checkbox"/> CHANGE WELL NAME<br><br><input 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 type="text" value="5 YR MIT"/> |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.   |   |  |  |
| <p>On 12/12/2014 Richard Powell with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 12/18/2014 the casing was pressured up to 1377 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1690 psig during the test. There was a State representative available to witness the test - Richard Powell.</p> |   | <p><b>Accepted by the<br/>Utah Division of<br/>Oil, Gas and Mining<br/>FOR RECORD ONLY<br/>December 23, 2014</b></p>   |  |
| <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>12/23/2014   |  |  |

# Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: Richard Powell Date 12/18/14 Time 10:55 am pm  
Test Conducted by: Kevin Powell  
Others Present: \_\_\_\_\_

Well: Ashley 15-1-9-15 Field: Monument Butte  
Well Location: SW/SE Sec. 1, T45, R15E API No: 43-013-32003

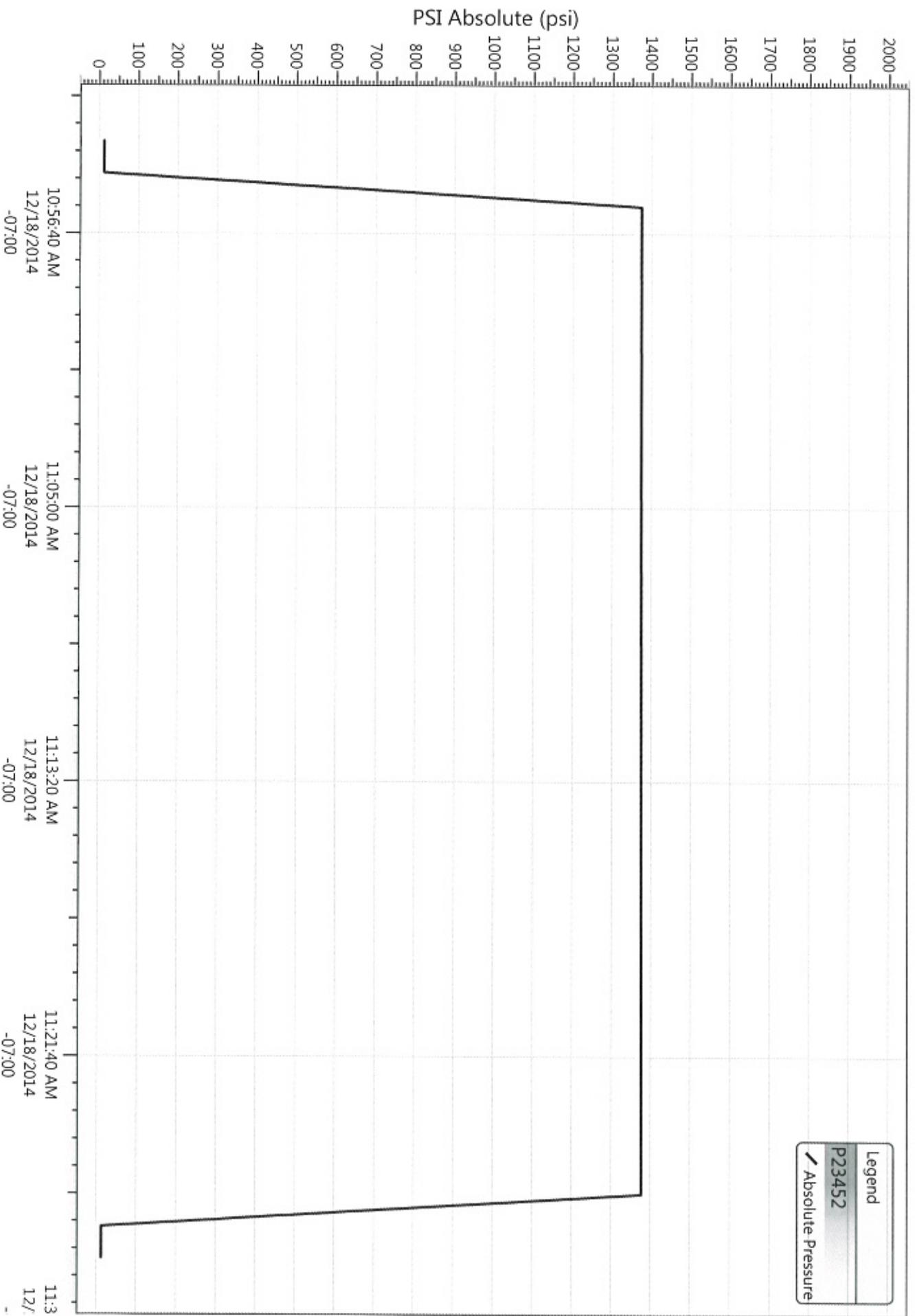
| <u>Time</u> | <u>Casing Pressure</u> |      |
|-------------|------------------------|------|
| 0 min       | <u>1374</u>            | psig |
| 5           | <u>1375</u>            | psig |
| 10          | <u>1376</u>            | psig |
| 15          | <u>1376</u>            | psig |
| 20          | <u>1376</u>            | psig |
| 25          | <u>1377</u>            | psig |
| 30 min      | <u>1377</u>            | psig |
| 35          | _____                  | psig |
| 40          | _____                  | psig |
| 45          | _____                  | psig |
| 50          | _____                  | psig |
| 55          | _____                  | psig |
| 60 min      | _____                  | psig |

Tubing pressure: 1690 psig

Result: Pass Fail

Signature of Witness:   
Signature of Person Conducting Test: 

Ashley 15-1-9-15 5 yr. MIT (12-18-14)  
12/18/2014 10:53:02 AM



Well Name: Ashley 15-1-9-15

43-013-32003

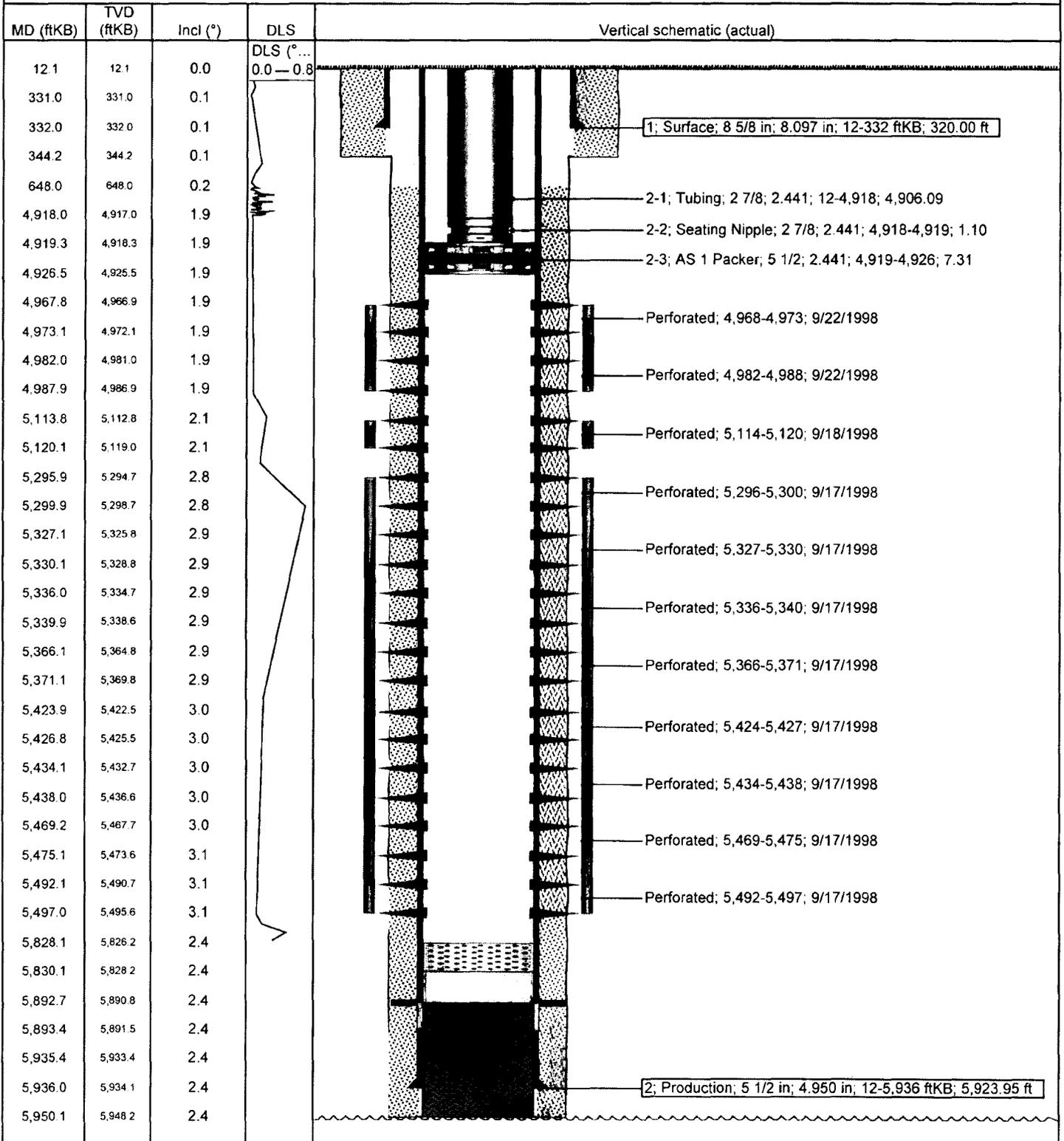
|                                     |                              |                                 |                                     |                                |                              |                         |                         |
|-------------------------------------|------------------------------|---------------------------------|-------------------------------------|--------------------------------|------------------------------|-------------------------|-------------------------|
| Surface Legal Location<br>01-9S-15E |                              | API/UWI<br>43013320030000       | Well RC<br>500151501                | Lease                          | State/Province<br>Utah       | Field Name<br>GMBU CTB2 | County<br>Duchesne      |
| Spud Date<br>9/1/1998               | Rig Release Date<br>9/8/1998 | On Production Date<br>9/30/1998 | Original KB Elevation (ft)<br>5,961 | Ground Elevation (ft)<br>5,949 | Total Depth All (TVD) (ftKB) | PBTD (All) (ftKB)       | Original Hole - 5,892.8 |

Most Recent Job

|                         |                  |                           |                              |                            |
|-------------------------|------------------|---------------------------|------------------------------|----------------------------|
| Job Category<br>Testing | Primary Job Type | Secondary Job Type<br>N/A | Job Start Date<br>12/18/2014 | Job End Date<br>12/18/2014 |
|-------------------------|------------------|---------------------------|------------------------------|----------------------------|

TD: 5,950.0

Vertical - Original Hole, 3/29/2016 9:59:06 AM



# NEWFIELD



## Newfield Wellbore Diagram Data Ashley 15-1-9-15

|                                     |  |                                |  |  |  |
|-------------------------------------|--|--------------------------------|--|--|--|
| Surface Legal Location<br>01 9S-15E |  | API/UWI<br>43013320030000      |  | Lease  |  |
| County<br>Duchesne                  |  | State/Province<br>Utah         |  | Basin  |  |
| Well Start Date<br>9/1/1998         |  | Spud Date<br>9/1/1998          |  | Final Rig Release Date<br>9/8/1998           |  |
| Original KB Elevation (ft)<br>5,961 |  | Ground Elevation (ft)<br>5,949 |  | Total Depth (ftKB)<br>5,950.0                |  |
|                                     |  |                                |  | Total Depth All (TVD) (ftKB)<br>5,950.0      |  |
|                                     |  |                                |  | PBTD (All) (ftKB)<br>Original Hole - 5,892.8 |  |

### Casing Strings

| Csg Des    | Run Date | OD (in) | ID (in) | Wt/Len (lb/ft) | Grade | Set Depth (ftKB) |
|------------|----------|---------|---------|----------------|-------|------------------|
| Surface    | 9/1/1998 | 8 5/8   | 8.097   | 24.00          | J-55  | 332              |
| Production | 9/8/1998 | 5 1/2   | 4.950   | 15.50          | J-55  | 5,936            |

### Cement

#### String: Surface, 332ftKB 9/1/1998

|   |  |                          |                              |              |                              |
|---|--|--------------------------|------------------------------|--------------|------------------------------|
| Cementing Company<br>BJ Services Company            |  | Top Depth (ftKB)<br>12.0 | Bottom Depth (ftKB)<br>344.0 | Full Return? | Vol Cement Ret (bbl)         |
| Fluid Description<br>w/ 2% CC & 1/4#/sk Cello Flake |  | Fluid Type<br>Lead       | Amount (sacks)<br>140        | Class<br>G   | Estimated Top (ftKB)<br>12.0 |

#### String: Production, 5,936ftKB 9/8/1998

|   |  |                           |                                |                           |                                 |
|---|--|---------------------------|--------------------------------|---------------------------|---------------------------------|
| Cementing Company<br>BJ Services Company    |  | Top Depth (ftKB)<br>648.0 | Bottom Depth (ftKB)<br>5,950.0 | Full Return?              | Vol Cement Ret (bbl)            |
| Fluid Description                           |  | Fluid Type<br>Lead        | Amount (sacks)<br>300          | Class<br>Premium Lite Mod | Estimated Top (ftKB)<br>648.0   |
| Fluid Description<br>w/ 10% A-10 & 10% salt |  | Fluid Type<br>Tail        | Amount (sacks)<br>360          | Class<br>G                | Estimated Top (ftKB)<br>3,000.0 |

### Tubing Strings

| Tubing Description<br>Tubing |     | Run Date<br>4/7/2000 |         |            | Set Depth (ftKB)<br>4,926.5 |          |            |            |
|------------------------------|-----|----------------------|---------|------------|-----------------------------|----------|------------|------------|
| Item Des                     | Jts | OD (in)              | ID (in) | Wt (lb/ft) | Grade                       | Len (ft) | Top (ftKB) | Btm (ftKB) |
| Tubing                       | 158 | 2 7/8                | 2.441   | 6.50       | M-50                        | 4,906.09 | 12.0       | 4,918.1    |
| Seating Nipple               |     | 2 7/8                | 2.441   |            |                             | 1.10     | 4,918.1    | 4,919.2    |
| AS 1 Packer                  |     | 5 1/2                | 2.441   |            |                             | 7.31     | 4,919.2    | 4,926.5    |

### Rod Strings

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

### Other In Hole

| Des           | Top (ftKB) | Btm (ftKB) | Run Date  | Pull Date |
|---------------|------------|------------|-----------|-----------|
| Cement (PBTD) | 5,830      | 5,893      | 9/16/1998 |           |
| Fill          | 5,828      | 5,830      | 9/24/1998 |           |

### Perforation Intervals

| Stage# | Zone                 | Top (ftKB) | Btm (ftKB) | Shot Dens (shots/ft) | Phasing (') | Nom Hole Dia (in) | Date      |
|--------|----------------------|------------|------------|----------------------|-------------|-------------------|-----------|
| 3      | C. Original Hole     | 4,968      | 4,973      | 4                    | 90          |                   | 9/22/1998 |
| 3      | C. Original Hole     | 4,982      | 4,988      | 4                    | 90          |                   | 9/22/1998 |
| 2      | B. Original Hole     | 5,114      | 5,120      | 4                    | 90          |                   | 9/18/1998 |
| 1      | A/LDC, Original Hole | 5,296      | 5,300      | 2                    | 180         |                   | 9/17/1998 |
| 1      | A/LDC, Original Hole | 5,327      | 5,330      | 2                    | 180         |                   | 9/17/1998 |
| 1      | A/LDC, Original Hole | 5,336      | 5,340      | 2                    | 180         |                   | 9/17/1998 |
| 1      | A/LDC, Original Hole | 5,366      | 5,371      | 2                    | 180         |                   | 9/17/1998 |
| 1      | A/LDC, Original Hole | 5,424      | 5,427      | 2                    | 180         |                   | 9/17/1998 |
| 1      | A/LDC, Original Hole | 5,434      | 5,438      | 2                    | 180         |                   | 9/17/1998 |
| 1      | A/LDC, Original Hole | 5,469      | 5,475      | 2                    | 180         |                   | 9/17/1998 |
| 1      | A/LDC, Original Hole | 5,492      | 5,497      | 2                    | 180         |                   | 9/17/1998 |

### Stimulations & Treatments

| Stage# | ISIP (psi) | Frac Gradient (psi/ft) | Max Rate (bbl/min) | Max PSI (psi) | Total Clean Vol (bbl) | Total Slurry Vol (bbl) | Vol Recov (bbl) |
|--------|------------|------------------------|--------------------|---------------|-----------------------|------------------------|-----------------|
| 1      | 2,700      |                        | 42.3               | 3,580         |                       |                        |                 |
| 2      |            |                        | 27.1               | 4,000         |                       |                        |                 |
| 3      | 2,470      |                        | 26.0               | 3,550         |                       |                        |                 |

### Proppant

| Stage# | Total Prop Vol Pumped (lb) | Total Add Amount              |
|--------|----------------------------|-------------------------------|
| 1      |                            | Proppant White Sand 142060 lb |
| 2      |                            | Proppant White Sand 41400 lb  |
| 3      |                            | Proppant White Sand 105000 lb |