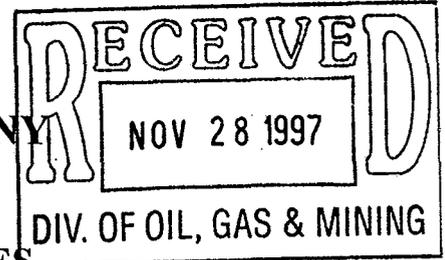


**INLAND PRODUCTION COMPANY
MONUMENT BUTTE FIELD
Duchesne and Uintah County, Utah
STANDARD OPERATING PRACTICES**



MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. **Existing Roads:**

The location of a particular well location will be shown on maps and described in the site-specific APD.

Improvements to existing access roads will be noted in the site-specific APD.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. **Planned Access Roads:**

Descriptions of the access road will be included in the site-specific APD. New access roads on BLM surface will be crowned (2 - 3%), ditched, and constructed with a running surface of 18' and a maximum disturbed width of 30'. Graveling or capping the roadbed will be performed as necessary to provide a well-constructed safe road. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely. On Ute Tribal, private, and/or state surface, access roads will be constructed according to the surface owner's specifications. These specifications or ROWs will be attached to the site-specific APD. Where deep cuts are required for road construction or where intersections or sharp curves occur, or when approval is issued by the BLM's Authorized Officer (AO), the road may be wider than 18 feet to accommodate larger equipment. Appropriate water control will be installed to control erosion.

Unless specified in the site-specific APD, the following specifications will apply:

- . No pipelines will be crossed with the new construction.
- . The maximum grade will be less than 8%.
- . There will be no turnouts.
- . There will be no major cut and fills, culverts, or bridges. If it becomes necessary to install a culvert at some time after approval of the APD, the BLM will be notified of the installation via sundry.
- . The access road will be centerline flagged during time of staking.

- . There will be no gates, cattle guards, fence cuts, or modifications to existing facilities.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

Access roads and surface disturbed activities will conform to standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, 1989.

The road surface and shoulders will be kept in a safe and usable condition and will be maintained in accordance with the original construction standards. All drainage ditches and culverts will be kept clear and free flowing and will be maintained according to original construction standards. The access road right-of-way will be kept free of trash during operations. All traffic will be confined to the approved right-of-way. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainage's be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Should mud holes develop, they shall be filled in and detours around them avoided. When snow is removed from the road during the winter months, the snow should be pushed outside of the borrow ditches, and the turnouts kept clear so that snowmelt will be channeled away from the road.

3. Location of Existing Wells Within a One-Mile Radius:

A map will be provided with the site-specific APD showing the location of existing wells within a one-mile radius.

4. Location of Existing and Proposed Facilities:

The following guidelines will apply if the well is productive:

- . A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks). The dike will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut. The site-specific APD will address additional capacity if such is needed due to environmental concerns. (The use of topsoil for the construction of dikes will not be allowed)
- . All permanent (on site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.
- . All facilities will be painted within six months of installation. Facilities required to

comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is **Carlsbad Canyon, Munsell standard color number 2.5Y 6/2.**

A description of the proposed pipeline and a map will be included with the site-specific APD. **Pipelines will be constructed of 4" OD steel. Pipeline segments will be welded together on disturbed areas in or near the location (whenever possible), and dragged into place.**

5. *Location and Type of Water Supply:*

Unless otherwise specified in the site-specific APD, water for drilling and completion purposes will be obtained from Johnson Water District. A temporary line may be used for water transportation from our existing supply line, from Johnson Water District, or trucked from Inland's water supply lines, located at the Gilsonite State #7-32 (SW/NE Sec. 32, T8S, R17E), or the Monument Butte Federal #5-35 (SW/NW Sec. 35, T8S, R16E), or the Travis Federal #15-28 (SW/SE Sec. 28, T8S, R16E).

Water will be hauled to location over the roads marked on maps included with the site-specific APD.

6. *Source of Construction Materials:*

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

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

7. *Methods of Handling Waste Materials:*

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Unless specified in the site-specific APD, the reserve pit will be constructed on the location and will not be located within natural drainage ways, where a flood hazard exists or surface runoff might destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

If it is determined at the onsite inspection that a pit liner is necessary, the reserve pit will be lined with a synthetic reinforced liner a minimum of 12 mil thick, with sufficient bedding used

to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. Trash or scrap that could puncture the liner will not be disposed of in the pit.

Reserve pit leaks are considered an undesirable event and will be orally reported to the AO.

After first production, produced wastewater will be confined to the approved pit or storage tank for a period not to exceed 90 days. During the 90 day period, in accordance with Onshore Order #7, an application for approval of a permanent disposal method and location will be submitted for the AO's approval.

On BIA administered lands, production fluids will be contained in leak-proof tanks. All production fluids will be disposed of at approved disposal sites. Produced water, oil, and other byproducts will not be applied to roads or well pads for control of dust or weeds.

The indiscriminate dumping of produced fluids on roads, well sites, or other areas will not be allowed.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waster materials will be collected in a portable self-contained, fully enclosed trash cage during operations. Trash will not be burned on location.

All debris and other waster material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of wells within the MBF. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of wells within the MBF. Specific APD's shall address any modifications from this policy.

EPA's LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are not necessarily hazardous, they are nonexempt and will not be placed in reserve pits:

- . Unused fracturing fluids or acids
- . Gas plant cooling tower cleaning wastes
- . Painting wastes

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

8. *Ancillary Facilities:*

Surface gas lines:

- . No installation of surface gas lines will be performed during periods when the soil is too wet to adequately support installation equipment. If such equipment creates ruts in excess of three inches deep, the soil will be deemed too wet to adequately support the equipment.
- . Where possible, surface gas lines shall be placed as close to existing oil field roads as possible without interfering with normal road travel or road maintenance activities. For lines that are installed cross-county (not along access roads), travel along the lines will be infrequent and for maintenance needs only. If surface disturbance occurs along the lines, the operator will reclaim the land to the satisfaction of the AO of the appropriate surface management agency.
- . All surface lines will be either black or brown in color.

9. *Well Site Layout:*

A location Layout Diagram describing drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s), and the surface material stockpile(s) will be included with the site-specific APD.

The diagram will describe rig orientation, parking area, and access roads, as well as the location of the following:

- . The reserve pit.
- . The stockpiled topsoil (first six inches), which shall not be used for facility berms. All brush removed from the well pad during construction will be stockpiled with the topsoil.
- . Access road.

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

- . A 39" net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- . The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42".
- . The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42".
- . Corner posts shall be centered and/or braced in such a manner to keep the fence tight at all times.
- . Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16'.
- . All wire shall be stretched using a stretching device before it is attached to corner posts.
- . The reserve pit fencing will be on two sides during drilling operations, and on the third and fourth sides when the rig moves off location. Pits will be fenced and maintained until cleanup.
- . **If flare pits are utilized**, they will be located downwind from the prevailing wind direction.

10. *Plans for Reclamation of the Surface:*

Producing Location:

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

- . Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.
- . **If a synthetic, nylon reinforced, liner is used**, the excess liner will be cut off and removed and the remaining liner will be torn and perforated before backfilling the reserve pit. Alternatively, the pit will be pumped dry, the liner folded into the pit, and the pit backfilled. The liner will be buried to a minimum of four (4) feet deep. The AO will be contacted to obtain a seed mixture to revegetate the reserve pit and other unused disturbed areas after they are initially reclaimed.
- . The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion, weather permitting. This will be completed by backfilling and crowning the pit to prevent water from standing.

Dry Hole/Abandoned Location:

- . At the time of final abandonment, the intent of reclamation will be to return disturbed areas to near natural conditions. All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. The surface of disturbed areas will be recontoured to **blend all cuts, fills, road berms, and borrow ditches to be natural in appearance** as compared to the surrounding terrain. Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions may include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and the re-establishment of vegetation as specified.
- . After recontouring of disturbed areas, any stockpiled topsoil will be spread over the surface, and the area reseeded and revegetated to the satisfaction of the AO of the appropriate surface management agency. The AO will be contacted at the time of reclamation for the appropriate seed mixture. Seed will be drilled on the contour to an appropriate depth. Reseeding operations will be performed after completion of other reclamation operations.

11. ***Surface Ownership:***

The ownership of the access roads will be specified on the site-specific APD.

The ownership of well pad will be specified on the site-specific APD.

12. Other Information:

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

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

Drilling rigs and/or equipment used during drilling operations on this location will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. If BLM authorization is obtained, such storage is only a temporary measure.

Unless previously conducted, a Class III archeological survey will be conducted on all Federal and/or Tribal lands. All personnel will refrain from collecting artifacts and from disturbing any significant cultural resources in the area. The Operator is responsible for informing all persons in the area who are associated with this project that they may be subject to prosecution for knowingly disturbing historic or archaeological sites or for collecting artifacts. All vehicular traffic, personnel movement, construction, and restoration activities shall be confined to the areas examined, as referenced in the archaeological report, and to the existing roadways and/or evaluated access routes. If historic or archaeological materials are uncovered during construction, the Operator is to immediately stop work that might further disturb such materials and contact the AO and the Ute Tribe Energy and Mineral Department.

Within five working days, the AO will inform the Operator as to:

- . Whether the materials appear eligible for the National Historic Register of Historic Places;
- . The mitigation measures the Operator will likely have to undertake before the site can be used (assuming in situ preservations is not necessary); and,
- . A time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO is correct and that mitigation is appropriate.

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

On surface administered by the BIA, all Surface Use Conditions of Approval associated with the BIA Concurrence letter and Environmental Analysis Mitigation Stipulations will be adhered to, including:

- . Any/all contractors used by Inland Production Company will have acquired a Tribal Business License and have access permits prior to construction.
- . If the surface rights are owned by the Ute Indian Tribe and mineral rights are owned by another entity, an approved right-of-way will be obtained from the BIA before the Operator begins any construction activities. The BIA right-of-way application will be delivered under separate cover. If the surface is owned by another entity and the mineral rights are owned by the Ute Indian Tribe, a right-of-way will be obtained from the other entity.
- . Upon completion of the APD and right-of-way construction, the Ute Tribe Energy and Mineral Department will be notified so that a Tribal Technician can verify an Affidavit of Completion.
- . Operator's employees, including subcontractors, will not gather firewood along roads constructed by the Operator. If woodcutting is required, a permit will be obtained from the Forestry Department of the BIA pursuant to 25 CFR 169.13 "Assessed Damages Incident to Right-of-Way Authorization." The Operator, subcontractors, vendors and their employees or agents may not disturb saleable timber (including firewood) without a duly granted wood permit from the BIA Forester.
- . All roads constructed by the Operator on the Uinta and Ouray Indian Reservation will have appropriate signs. Signs will be neat and of sound construction. They will state: (a) that the land is owned by the Ute Indian Tribe, (b) the name of the Operator, (c) that fire arms are prohibited to all non-Ute Tribal members, (d) that permits must be obtained from the BIA before cutting firewood or other timber products, and (e) that only authorized personnel are permitted.
- . All well site locations on the Uinta and Ouray Indian Reservation will have an appropriate sign indicating the name of the Operator, the lease serial number, the well name and number, the survey description of the well (either footages or the quarter/quarter section, the section, township, and range).

13. Lessee's or Operator Representative and Certification:

Cheryl Cameron
Regulatory Compliance Specialist
Inland Production Company
P.O. Box 790233
Vernal, UT 84079
(435) 789-1866

Brad Mecham
Operations Manager
Inland Production Company
P.O. Box 1446
Roosevelt, UT 84066

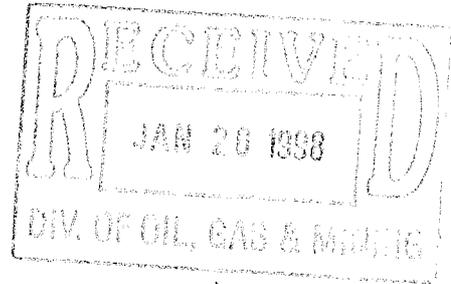
Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field Representative (s) to ensure compliance and shall be on location during all construction and drilling operations.

Site-specific certification will be submitted with the site-specific APD >


Cheryl Cameron

11/20/97
Date



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

ATTENTION: Stan Olmstead

**RE: Jonah Unit #8-14-9-16
SE/NE Sec. 14, T9S, R16E**

**Jonah Unit #4-12-9-16
NW/NW Sec. 12, T9S, R16E**

**Humpback #9-26-8-17
NE/SE Sec. 26, T8S, RS17E**

Dear Stan,

Enclosed are the originals and two copies (each) of the Sundry Notice and Reports on Wells, and the Application For Permit To Drill, for the above referenced locations.

Inland proposes to re-active these locations that Equitable Resources began development on. The locations, and access roads are already developed.

Please contact me in the Vernal Branch office (801) 789-1866, to let me know when the onsite date for these locations are convenient for you.

Sincerely,

Cheryl Cameron
Regulatory Compliance Specialist

State of Utah
Division of Oil Gas & Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL [X] DEEPEN []
1b. TYPE OF WELL OIL GAS WELL [X] SINGLE MULTIPLE 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 SE/NE At proposed Prod. Zone 1882' FNL & 773' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 13 Miles southwest of Myton, Utah

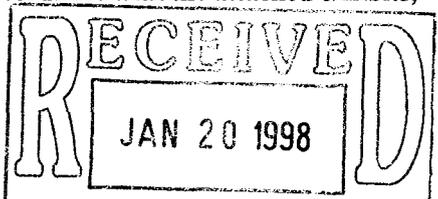
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 16. NO. OF ACRES IN LEASE 17. NO. OF ACRES ASSIGNED TO THIS WELL 40

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.) 5604.9' GL 22. APPROX. DATE WORK WILL START* First Quarter 1998

23. PROPOSED CASING AND CEMENTING PROGRAM Table with columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT/FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Content: Refer to Monument Butte Field SOP's Drilling Program/Casing Design

Inland Production Company proposes to drill this well in accordance with the attached exhibits, "A" through "E".



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

24. Regulatory Compliance SIGNED Cheryl Cameron TITLE Specialist DATE 1/14/98

(This space for Federal or State office use)

PERMIT NO. 43-013-32054 APPROVAL DATE Federal Approval of this Action is Necessary

CONDITIONS OF APPROVAL, IF ANY: APPROVED BY Bradley G. Hill TITLE RECLAMATION SPECIALIST III DATE 4/20/98

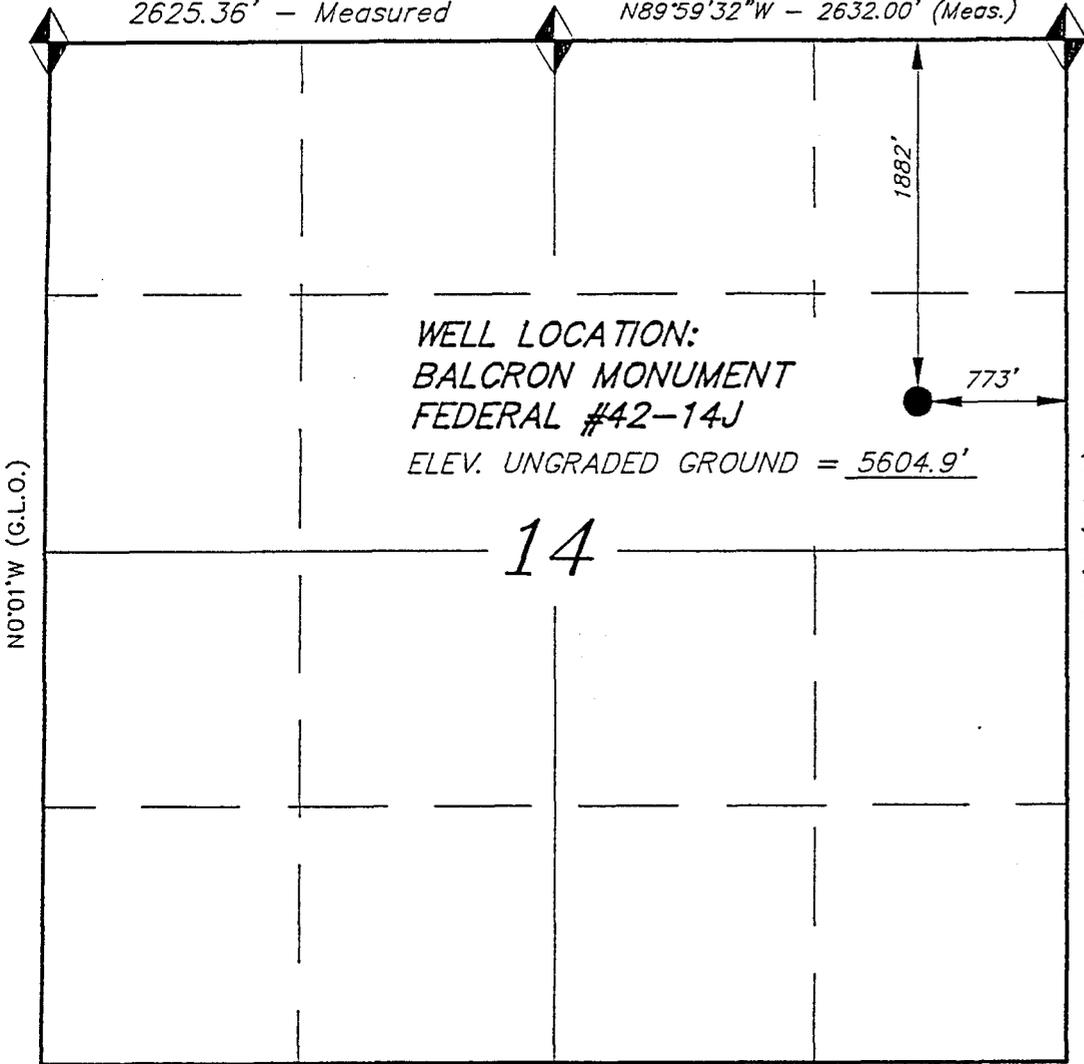
*See Instructions On Reverse Side

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.

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

S89°59'W (G.L.O.) Basis of Bearings
2625.36' - Measured

N89°59'32"W - 2632.00' (Meas.)



WELL LOCATION:
BALCRON MONUMENT
FEDERAL #42-14J
ELEV. UNGRADED GROUND = 5604.9'

14

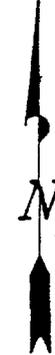
N0°01'W (G.L.O.)

N0°01'W (G.L.O.)

S89°54'W - 79.82 (G.L.O.)

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON MONUMENT FEDERAL #42-14J, LOCATED AS SHOWN IN THE SE 1/4 NE 1/4 OF SECTION 14, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



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

REGISTERED LAND SURVEYOR
 GENE STEWART
 REGISTERED LAND SURVEYOR
 REGISTRATION No. 444102
 STATE OF UTAH



= SECTION CORNERS LOCATED
BASIS OF BEARINGS; G.L.O. DATED 1910
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

TRI STATE LAND SURVEYING & CONSULTING

38 EAST 100 NORTH, VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: G.S. S.S.

DATE: 11-4-94

WEATHER: COOL

NOTES:

FILE #42-14J

INLAND PRODUCTION COMPANY
JONAH UNIT #8-14-9-16
SE/NE SECTION 14, T9S, R16E
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	0' – 1469'
Green River	1469'
Wasatch	6500'

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

Green River Formation 1469' – 6500' - Oil

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 H₂S 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
JONAH UNIT #8-14-9-16
SE/NE SECTION 14, T9S, R16E
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 Jonah Unit #8-14-9-16 located in the SE 1/4 NE 1/4 Section 14, T9S, R16E, S.L.B. 7 M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and the Sand Wash road; proceed southerly along this road 15.1 miles \pm to its intersection with the Monument Butte/Jonah Unit road to the northwest; proceed northwesterly 2.4 miles to its intersection with a dirt road to the south; proceed southerly 1.9 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".

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 Exhibit "E".

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 Report was submitted by Equitable Resources Energy Company, and is on file with the Bureau of Land Management.

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

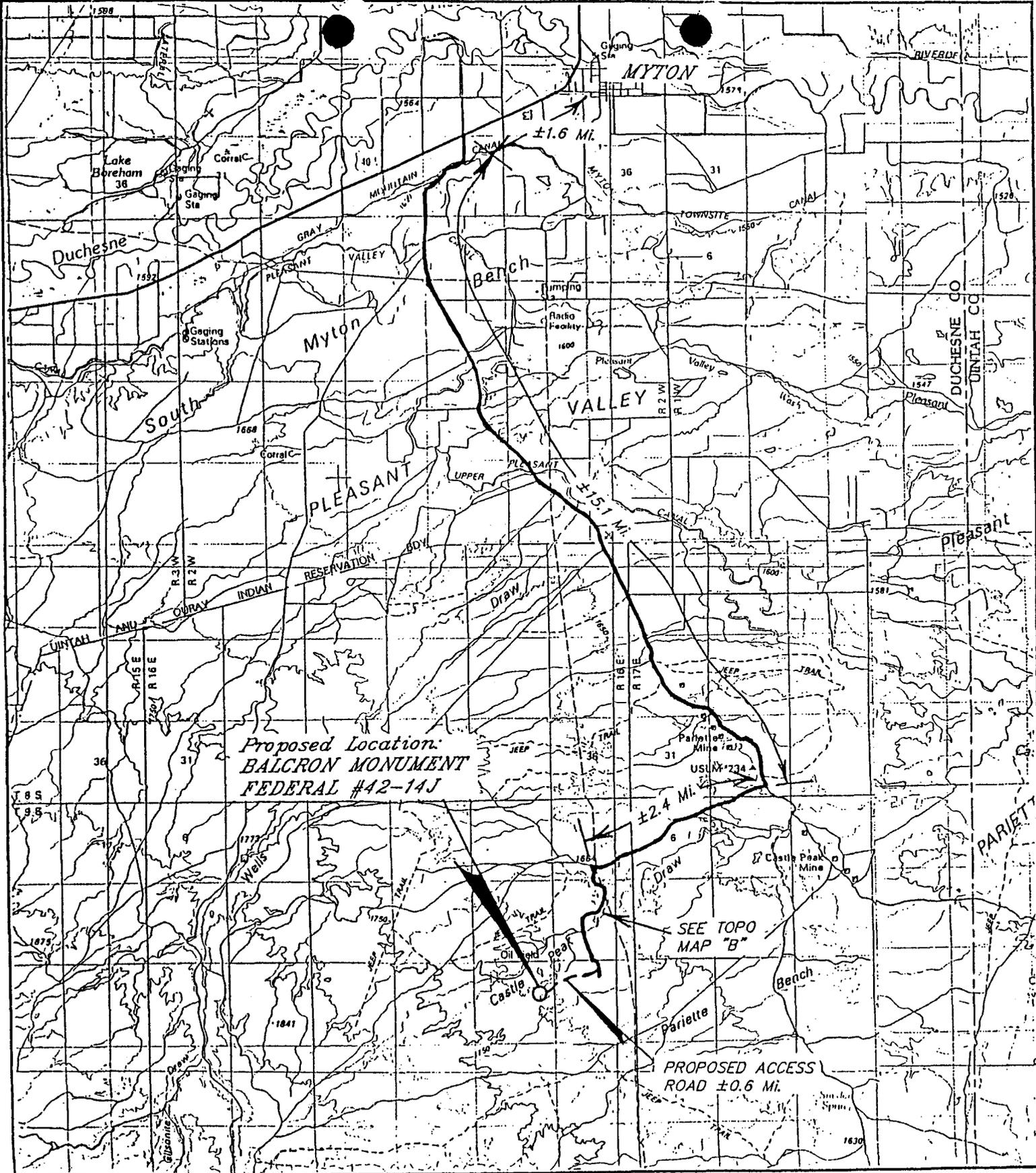
Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #8-14-9-16 SE/NE Section 14, Township 9S, Range 16E: Lease U-096550 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and 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.

1/14/98

Date


Cheryl Cameron
Regulatory Compliance Specialist



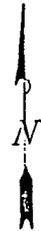
*Proposed Location:
BALCRON MONUMENT
FEDERAL #42-14J*

SEE TOPO
MAP "B"

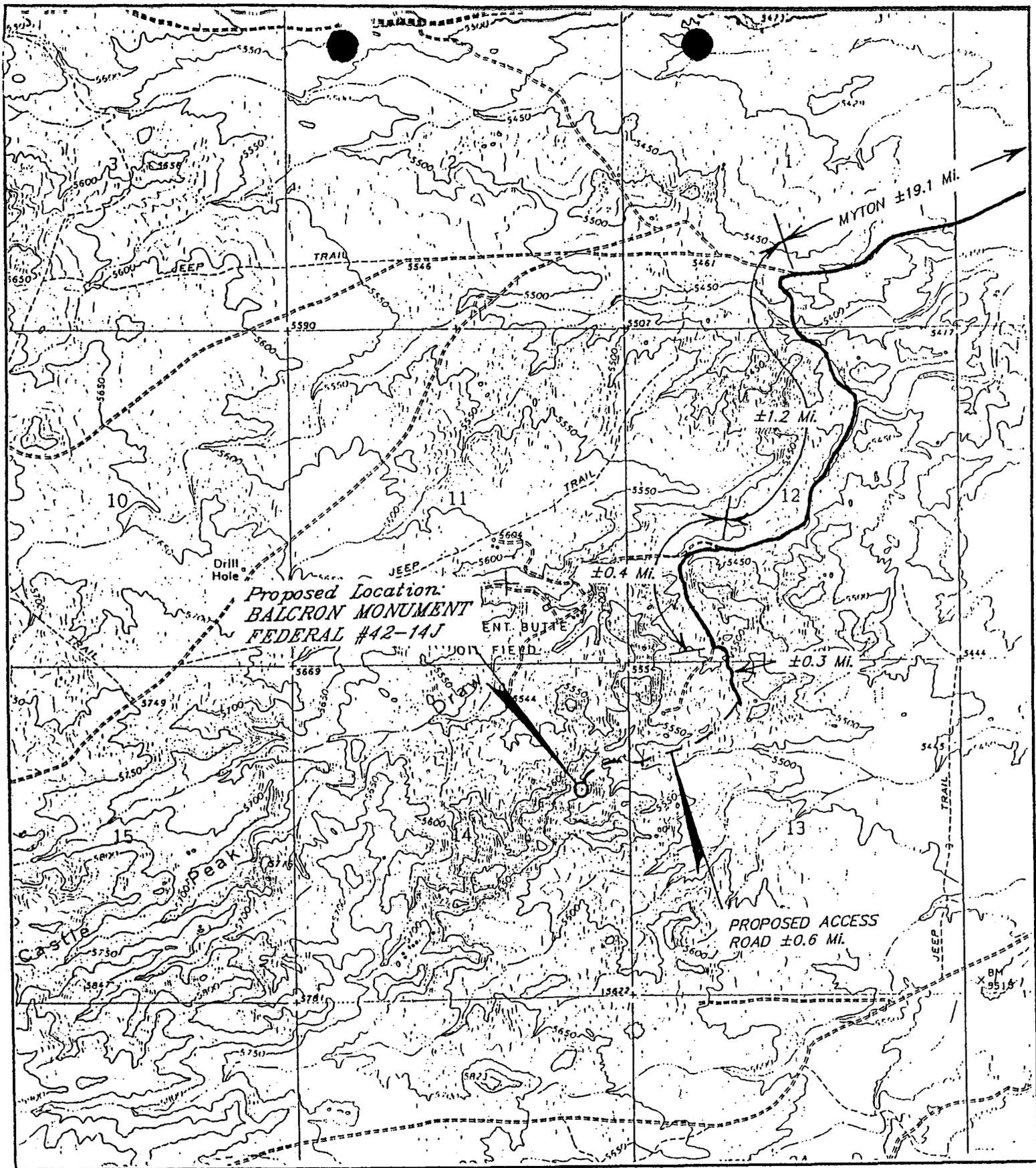
PROPOSED ACCESS
ROAD ±0.6 Mi.

EQUITABLE RESOURCES CO.

BALCRON MONUMENT FEDERAL #42-14J
SECTION 14, T9S, R16E, S.L.B.&M.
TOPO "A"

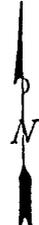


Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERIAL, UTAH 84078



EQUITABLE RESOURCES CO.

***BALCRON MONUMENT FEDERAL #42-14J
SECTION 14, T9S, R16E, S.L.B.&M.
TOPO "B"***

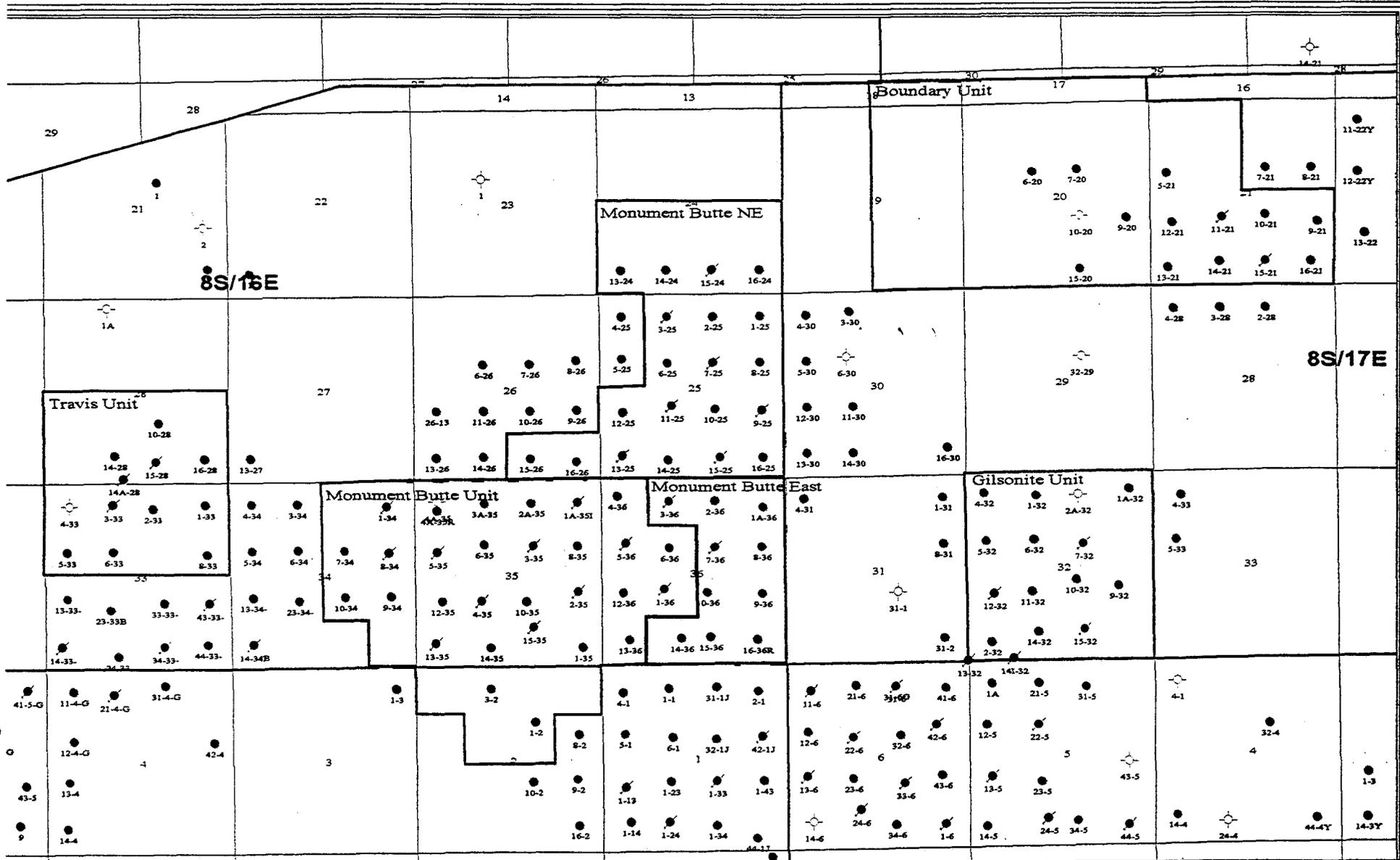


SCALE: 1" = 2000'

Tri State
Land Surveying, Inc.
(801) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078

EXHIBIT "C"



Inland
PRODUCTION INC.

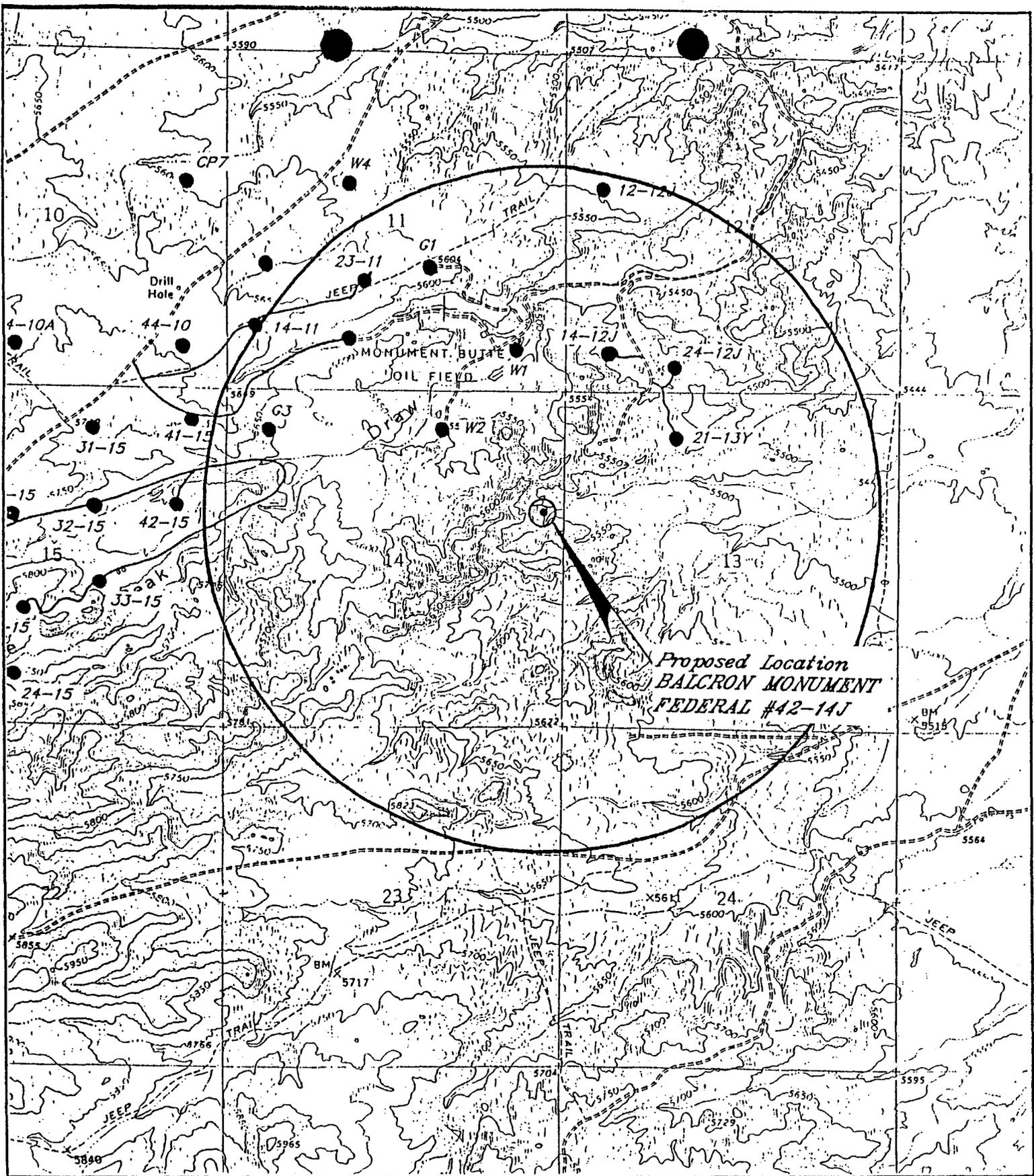
475 17th Street Suite 1500
 Denver, Colorado 80202
 Phone: (303) 292-0900

Regional Area

Duchene County, Utah

Date: 4/18/97 J.A.





EQUITABLE RESOURCES ENERGY CO.

BALCRON MONUMENT FEDERAL #42-14J
 SECTION 14, T9S, R16E, S.L.B.&M.
 TOPO "C" EXHIBIT "D"



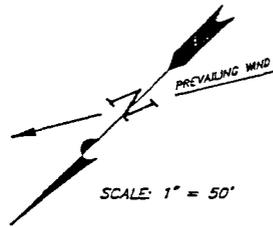
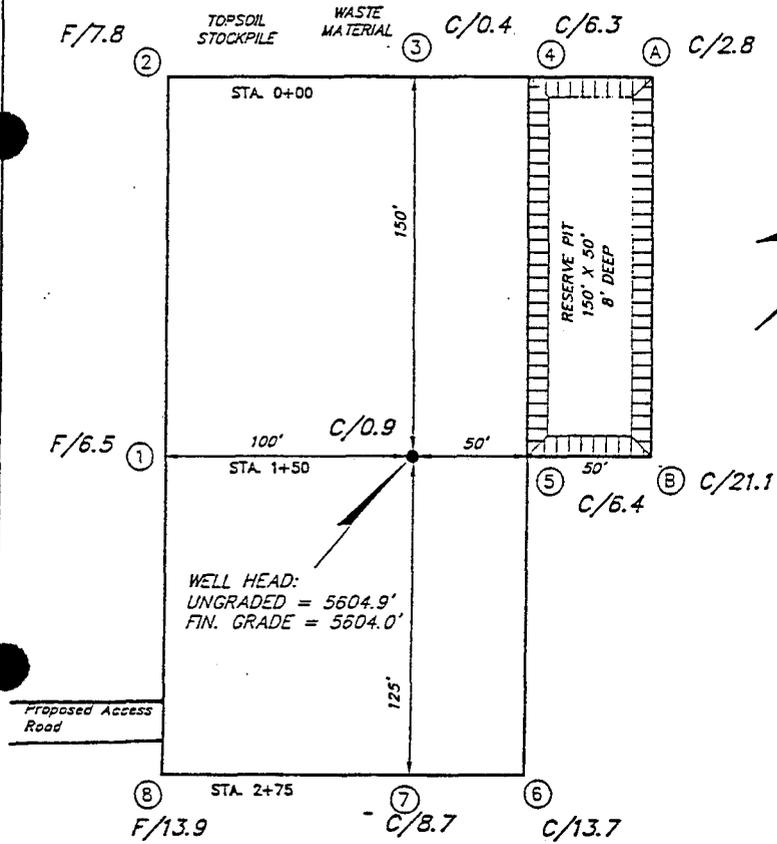
SCALE: 1" = 2000'

Tri State
 Land Surveying, Inc.
 (801) 781-2501
 38 WEST 100 NORTH VERNAL, UTAH 84078

EXHIBIT "E"

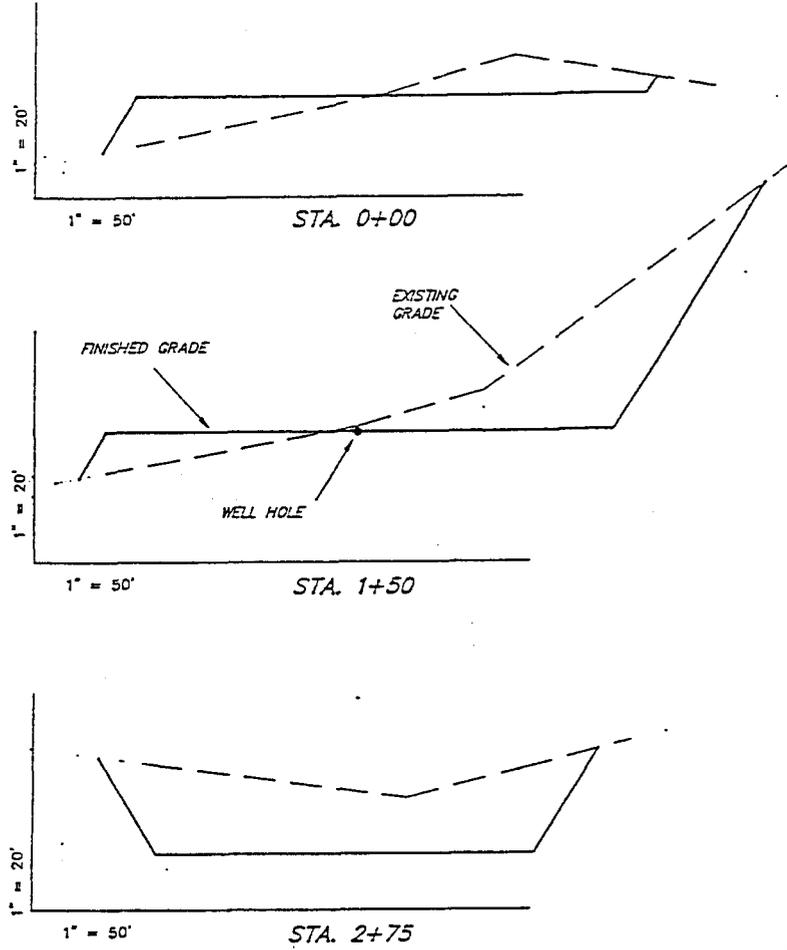
EQUITABLE RESOURCES ENERGY CO.

BALCRON MONUMENT FEDERAL #42-14J
SECTION 14, T9S, R16E, S.L.B.&M.



REFERENCE POINTS
170' WEST 5622.10'
200' WEST 5624.80'

APPROXIMATE YARDAGES
CUT = 10450 Cu. Yds.
FILL = 2960 Cu. Yds.
PIT = 2,710 Cu. Yds.
6" TOPSOIL = 910 Cu. Yds.



SURVEYED BY: G.S. R.H.
DRAWN BY: R.E.H.
DATE: 11-4-94
SCALE: 1" = 50'
FILE: 42-14J

Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/20/98

API NO. ASSIGNED: 43-013-32054

WELL NAME: JONAH UNIT #8-14-9-16
 OPERATOR: INLAND PRODUCTION COMPANY (N5160)

PROPOSED LOCATION:
 SENE 14 - T09S - R16E
 SURFACE: 1882-FNL-0773-FEL
 BOTTOM: 1882-FNL-0773-FEL
 DUCHESNE COUNTY
 MONUMENT BUTTE FIELD (105)

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

LEASE TYPE: FED
 LEASE NUMBER: U - 096550

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Federal [State [] Fee []
 (Number 4488044)
- Potash (Y/N)
- Oil shale (Y/N)
- Water permit
 (Number GILSONITE STATE 7-32)
- RDCC Review (Y/N)
 (Date: _____)

LOCATION AND SITING:

- R649-2-3. Unit: JONAH
- R649-3-2. General.
- R649-3-3. Exception.
- Drilling Unit.
 Board Cause no: _____
 Date: _____

COMMENTS:

STIPULATIONS: ① FEDERAL APPROVAL

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL [X] DEEPEN []
1b. TYPE OF WELL OIL WELL [X] GAS WELL [] OTHER [] SINGLE ZONE [] MULTIPLE 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 SE/NE 1882' FNL & 773' FEL JAN 13 1998

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 13 Miles southwest of Myton, Utah

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

16. NO. OF ACRES IN LEASE

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'

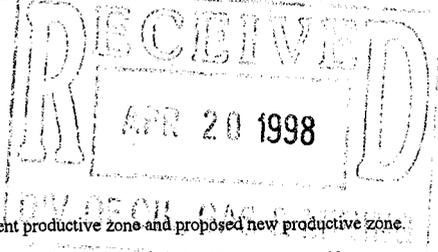
20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5604.9' GL

22. APPROX. DATE WORK WILL START* First Quarter 1998

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

Inland Production Company proposes to drill this well in accordance with the attached exhibits, "A" through "E".



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.

If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Cheryl Cameron TITLE Regulatory Compliance Specialist DATE 1/14/98

(This space for Federal or State office use)

PERMIT NO. 43-013-32054 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] TITLE ACTING Assistant Field Manager Mineral Resources DATE APR 14 1998

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

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Jonah 8-14-9-16

API Number: 43-013-32054

Lease Number: U-096550

Location: SENE Sec. 14 T. 09S R. 16E

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.

Drilling Operations

As a minimum, the usable water shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the Usable Water identified at **± 1919 ft.**

SURFACE USE PROGRAM
Conditions of Approval (COA)

If this is to be a producing oil well the pump unit shall have a multicylinder engine or a "hospital" type muffler to reduce noise impacts to raptor species.



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

Michael O. Leavitt
Governor

Ted Stewart
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)

April 20, 1998

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

Re: Jonah Unit 8-14-9-16 Well, 1882' FNL, 0773' FEL, SE NE, Sec. 14, T. 9 S., R. 16 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 43-013-32054.

Sincerely,

A handwritten signature in cursive script that reads "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: Jonah Unit 8-14-9-16
API Number: 43-013-32054
Lease: U-96550
Location: SE NE Sec. 14 T. 9 S. R. 16 E.

Conditions of Approval

1. General
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.
2. Notification Requirements
Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact 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 John R. Baza at (801)538-5334.
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.

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

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	12372	43-013-32044	S. Wells Draw 16-9-9-16	SE/SE	9	709S	R16E	Duchesne	5/4/98	
WELL 1 COMMENTS: Spud well w/ zcm drilling @ 3:40 pm 5/4/98. Entities added 5-20-98. Lec											
B	99999	11492	43-013-32054	Jonah Unit 8-14-9-16	SE/NE	14	709S	R16E	Duchesne	5/6/98	
WELL 2 COMMENTS: Spud well w/ zcm drilling @ 11:40 am, 5/6/98. Jonah Unit											
B	99999	11880	43-013-32050	Beluga 3-18-9-17	SE/NE	18	09S	17E	Duchesne	5/11/98	
WELL 3 COMMENTS: Spud well w/ Union, Rig #7 @ 11:00 am, 5/11/98. Beluga Unit											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

MAY 14 1998 4:05 PM INLAND RESOURCES

No. 4164 P. 2/3

ACTION CODES (See instructions on back of form)

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

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

(3/89)

Shannon Smith
 Signature

Engineering Secretary 04/02/98
 Title Date

Phone No. (303) 382-4441

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

U-096550

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

JONAH

8. Well Name and No.

JONAH UNIT 8-14-9-16

9. API Well No.

43-013-32054

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

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

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

1882 FNL 773 FEL SE/NE Section 14, T09S R16E

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

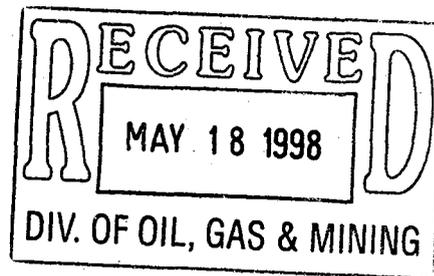
Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other Surface Spud

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

MIRU ZCM. Drl 12-1/4" sfc hole to 130'. **SPUD WELL @ 11:40 AM, 5/6/98.** Drl 12-1/4" sfc hole 130'-305'. C&C. LD DP & hammer. Run 3 jts 8-5/8" csg. Finish running csg. Run 8-5/8" GS, 7 jt 8-5/8", 24#, J-55, ST & C csg (290'). Csg set @ 291'. RU BJ. Pmp 20 bbl wtr & 20 bbl gel. Cmt w/120 sx Class G w/2% CC, 1/4#/sk Cello Flake, 2% gel (14.8 ppg 1.35 cf/sk yield). Mostly good returns w/1-1/2 bbl cmt to sfc. RD. Drl MH & RH for Big A #46. RDMOL.



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

Signed

Shannon Smith

Title

Engineering Secretary

Date

5/14/98

(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-096550

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
JONAH

8. Well Name and No.
JONAH UNIT 8-14-9-16

9. API Well No.
43-013-32054

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
INLAND PRODUCTION COMPANY

3. Address and Telephone No.
410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
1882 FNL 773 FEL SE/NE Section 14, T09S R16E

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

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

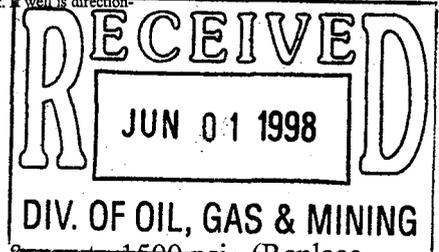
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

WEEKLY STATUS REPORT FOR THE PERIOD OF 5/21/98 - 5/27/98

Drilled 7-7/8 hole w/Big A, Rig #46 from 305' - 5700'.

MIRU Big A #46. NU. Test lines, valves, rams & manifold to 2000 psi, Hydril & csg to 1500 psi. (Replace drlg flange - would not test). PU BHA. SPUD ROTARY RIG @ 9:15 PM, 5/22/98. Drl plug, cmt & GS. Drl & srvy 337' - 1152'. Safety meeting. Run 5-1/2" GS, 1 jt 5-1/2" csg (43'), 5-1/2" FC, 132 jt 5-1/2", 15.5#, J-55, LT & C csg (5677'). Csg set @ 5688'. RD Casers. RU BJ. C&C. Pmp 20 bbl dye wtr & 20 bbl gel. Cmt w/320 sx 28:72 Poz Type III w/.5% SM, 3#/sk BA-91, 10% gel, 2#/sk Kol Seal, 1/4#/sk Cello Flake (11.0 ppg 3.42 cf/sk yield) & 310 sx Class G w/10% A-10 & .1% R-3 (14.4 ppg & 1.54 cf/sk yield). POB 8:00 am, 5/27/98. Est 3 bbl cmt to sfc. RD BJ. ND BOP's. Set slips w/82,000#, dump pits. RD. Rig released @ 12:00 pm, 5/27/98. RDMOL.



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

Signed Shannon Smith Title Engineering Secretary Date 5/28/98

(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-096550

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
JONAH

8. Well Name and No.
JONAH UNIT 8-14-9-16

9. API Well No.
43-013-32054

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
INLAND PRODUCTION COMPANY

3. Address and Telephone No.
410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
1882 FNL 773 FEL SE/NE Section 14, T09S R16E

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

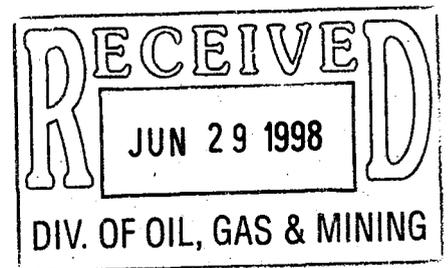
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input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

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

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

WEEKLY STATUS REPORT FOR THE PERIOD OF 6/11/98 - 6/17/98

Perf A sds @ 5046-72'.
Perf C sds @ 4749-59'.



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

Signed Shannon Smith Title Engineering Secretary Date 6/25/98

(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-096550

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
JONAH

8. Well Name and No.
JONAH UNIT 8-14-9-16

9. API Well No.
43-013-32054

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
INLAND PRODUCTION COMPANY

3. Address and Telephone No.
410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
1882 FNL 773 FEL SE/NE Section 14, T09S R16E

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

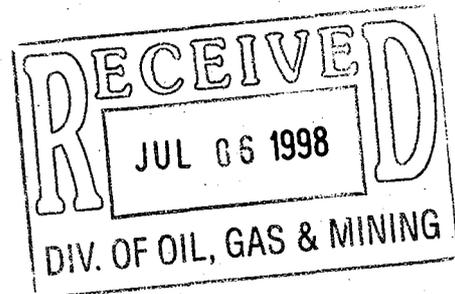
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input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

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is 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 6/18/98 - 6/24/98

Perf GB sd @ 4114-19' & 4132-35'.
Swab well. Trip & land production tbg.
Place well on production @ 12:30 pm, 6/22/98.



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

Signed Shaunon Smith Title Engineering Secretary Date 7/2/98

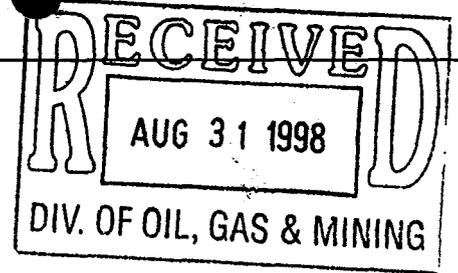
(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:
CC: UTAH DOGM



August 28, 1998



State of Utah
Division of Oil, Gas & Mining
P.O. Box 145801
1594 West North Temple Suite 1210
Salt Lake City Utah 84114-58

ATTENTION: Vicky Dyson

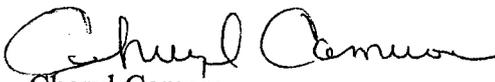
**RE: Odekirk Spring #2-36-8-17
Odekirk Spring 13-36-8-17
S. Wells Draw #5-10-9-16
S. Wells Draw #7-10-9-16
Jonah #8-14-9-16
Monument Federal #14-21-9-18Y**

Dear Ms. Dyson,

Enclosed are the originals and two (2) copies each of the Well Completion or Recompletion Report and Log for the Odekirk Spring locations, and three copies (each), for the Federal locations, referenced above. Included are logs for each specified location (excluding the Monument Federal #14-21-9-18Y workover report).

Please do not hesitate to contact me if you have any questions, or need additional information in the Vernal Branch Office (435) 789-1866.

Sincerely,


Cheryl Cameron
Regulatory Specialist

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

2. NAME OF OPERATOR
Inland Production Company

3. ADDRESS OF OPERATOR
P.O. Box 790233 Vernal, UT 84079 (435) 789-1866

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface SE/NE
At top prod. interval reported below 1882' FNL & 773' FEL
At total depth _____

14. PERMIT NO. 43-013-32054 DATE ISSUED 4/14/98

5. LEASE DESIGNATION AND SERIAL NO.
U-096550

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Jonah Butte
UTU-72086A

8. FARM OR LEASE NAME
Jonah

9. WELL NO.
#8-14-9-16

10. FIELD AND POOL, OR WILDCAT
Monument Butte

11. SEC., T., R., N., OR BLOCK AND SURVEY OR AREA
Sec. 14, T9S, R16E

12. COUNTY OR PARISH
Duchesne

13. STATE
UT

15. DATE SPUDDED 5/6/98 16. DATE T.D. REACHED 5/26/98 17. DATE COMPL. (Ready to prod.) 6/22/98 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5604.9' GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5700' 21. PLUG, BACK T.D., MD & TVD 5635' 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 - Refer to Item #31 25. WAS DIRECTIONAL SURVEY MADE No

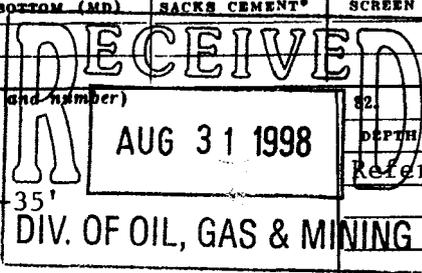
26. TYPE ELECTRIC AND OTHER LOGS RUN
DIGL/SP/GR/CAL - CN/CD/GR - (CBL) Rec. 8/31/98 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	291'	12 1/4	120 sx Class G w/ 2% CC, 1/2#/sk CF 2% gel	
5 1/2	15.5#	5688'	7 7/8	320 sx Poz Type 111 + w/ 10% gel & 1/2#/sk CF & 310 sx Class G w/ 10% Add.	

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 @ 5152'	TA @ 5020'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
A 5046'-72'		Refer to Item #37	
C 4749'-59'			
GB 4114'-19', 4132'-35'			



33. PRODUCTION
DATE FIRST PRODUCTION 6/22/98 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 2 1/2" X 1 1/2" X 15' RHAC pump WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10 Day Avg	7/98	N/A		159	133	34	.836

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 Cheryl Cameron TITLE Regulatory Specialist DATE 7/31/98

*(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	3563'		#32.			
Garden Gulch 2	3881'		Perf A sd 5046'-72'			
Point 3	4126'		Frac w/ 114,000# 20/40 sd in 565 bbls			
X Marker	4394'		Viking 1-25 fluid			
Y Marker	4436'					
Douglas Creek	4560'		Perf C sd 4749'-59'			
Bi-Carb	4794'		Frac w/ 113,994# sd in 546 bbls			
B-Lime	4910'		Viking 1-25 fluid.			
Castle Peak	5404'					
Basal Carb	NDE		Perf GB sd 4114'-19', 4132'-35'			
			Frac w/ 96,580# 20/40 sd in 475 bbls Viking 1-25 fluid			



April 6, 2000

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

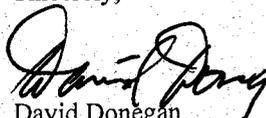
RE: Permit Application for Water Injection Well
Jonah #8-14-9-16 / *WIC-255.1*
Monument Butte Field, Jonah Unit, Lease #U-096550
Section 14-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Jarvis:

Inland Production Company herein requests approval to convert the Jonah #8-14-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact Mike Mihaljevich at (303) 382-4434.

Sincerely,


David Donagan
Manager of Operations

RECEIVED
APR 19 2000
DIVISION OF
OIL, GAS AND MINING

INLAND PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

JONAH #8-14-9-16

JONAH UNIT

MONUMENT BUTTE (GREEN RIVER) FIELD

LEASE #U-096550

April 6, 2000

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ATTACHMENT F-3	ANALYSIS OF THE COMPATIBILITY OF THE INJECTED AND FORMATION FLUIDS
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ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

Jonah Unit #8-14

Proposed Injection Well Wellbore Diagram

Initial Production: 159 BOPD,
133 MCFPD, 34 BWPD

Spud Date: 5/22/98
Put on Production: 6/22/98
GL: 5607' KB: 5617'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (290')
DEPTH LANDED: 291'
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 1-1/2 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 133 jts. (5677')
DEPTH LANDED: 5688' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 320 sk Poz Type III mixed & 310 sxs Class G
CEMENT TOP AT: 2566' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 127 jts
PACKER: 4060'
SEATING NIPPLE: 4057'
TOTAL STRING LENGTH: EOT @ 4064'

FRAC JOB

6/13/98 5046'-5072' Frac A-3 sand as follows:
114,000# 20/40 sand in 565 bbls Viking I-25 fluid. Perf Brokedown @ 3823 psi. Treated @ avg press of 1875 psi, w/avg rate of 30 BPM. ISIP: 2350 psi, 5-min 2100 psi. Flowback on 12/64" choke for 3 hours and died.

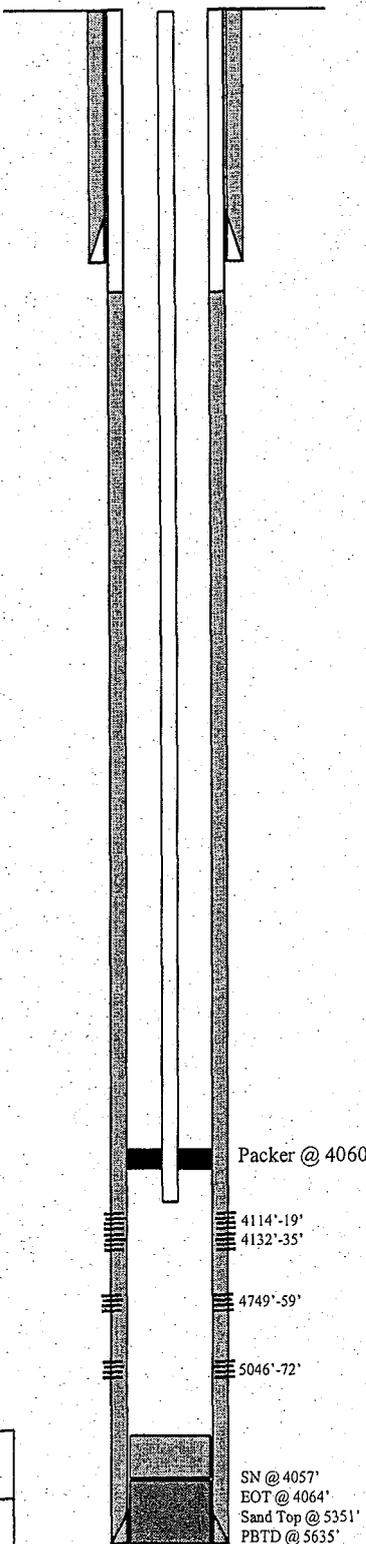
6/16/98 4749'-4759' Frac C sand as follows:
113,994# of 20/40 sand in 546 bbls Viking I-25 fluid. Perfs Brokedown @ 3032 psi. Treated @ avg press of 2000 psi w/ avg rate of 28 bpm. ISIP: 2250 psi, 5-min 2000 psi. Flowback on 12/64" choke for 3-1/2 hours and died.

6/18/98 4114'-4135' Frac GB sand as follows:
96,580# 20/40 sand in 475 bbls Viking I-25 fluid. Perfs brokedown @ 3387 psi. Treated @ avg press of 1850 psi w/avg rate of 24.5 BPM. ISIP 1850 psi, 5-min 1535 psi. Flowback on 12/64" choke for 2-1/2 hours and died.

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APR 19 2000

DIVISION OF
OIL, GAS AND MINING



Packer @ 4060'

4114'-19'

4132'-35'

4749'-59'

5046'-72'

SN @ 4057'
EOT @ 4064'
Sand Top @ 5351'
PBD @ 5635'
TD @ 5700'

PERFORATION RECORD

Date	Depth Range	Number of Holes	Notes
6/13/98	5046'-5072'	2 JSFP	52 holes
6/15/98	4749'-4759'	4 JSFP	40 holes
6/17/98	4114'-4119'	4 JSFP	20 holes
6/17/98	4132'-4135'	4 JSFP	12 holes



Inland Resources Inc.

Jonah Unit #8-14

1882 FNL 773 FEL

SENE Section 14-T9S-R16E

Duchesne Co, Utah

API #43-013-32054; Lease #U-096550

WORK PROCEDURE FOR INJECTION CONVERSION

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

RECEIVED

APR 19 2000

DIVISION OF
OIL, GAS AND MINING

**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 17th 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 Jonah #8-14-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, Jonah 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 Jonah #8-14-9-16 well, the proposed injection zone is from 4114' - 5072'. 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 Jonah #8-14-9-16 is on file with the Utah Division of Oil, Gas and Mining.

RECEIVED

APR 19 2000

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

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

See Attachment B.

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

See Attachment C.

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

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 #U-096550) 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 Attachments A and B.

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

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 **A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 **Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 **A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24#, J-55 surface casing run to 291' GL, and 5-1/2" 15.5# J-55 casing run from surface to 5688' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

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

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 **Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F, F-1, F-2, and F-3

2.8 The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1300 psig and the maximum injection pressure will not exceed 1836 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 Jonah #8-14-9-16, for proposed zones (4114' - 5072') calculates at 0.882 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 1836 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 Jonah #8-14-9-16, the injection zone (4114' - 5072') 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-3.

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas well Other

2. Name of Operator
Inland Production Company

3. Address and Telephone No.
P.O. Box 790233 Vernal, UT 84079 Phone No. (801) 789-1866

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**SE/NE 1882' FNL & 773' FEL
 Sec. 14, T9S, R16E**

5. Lease Designation and Serial No.
U-096550

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation
Jonah

8. Well Name and No.
Jonah Unit #8-14-9-16

9. API Well No.
43-013-31491

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State
Duchesne, UT

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

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

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

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

Inland Production Company requests to change the name of the Balcron Monument Federal #42-14J (formerly operated by Equitable Resources Energy Company), to the Jonah Unit #8-14-9-16.

The access road and location were developed when operated by EREC and Inland Production Company proposes to re-active the location; attached is a new APD submittal and amended drilling program.

RECEIVED
 APR 19 2000
 DIVISION OF
 OIL, GAS AND MINING

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

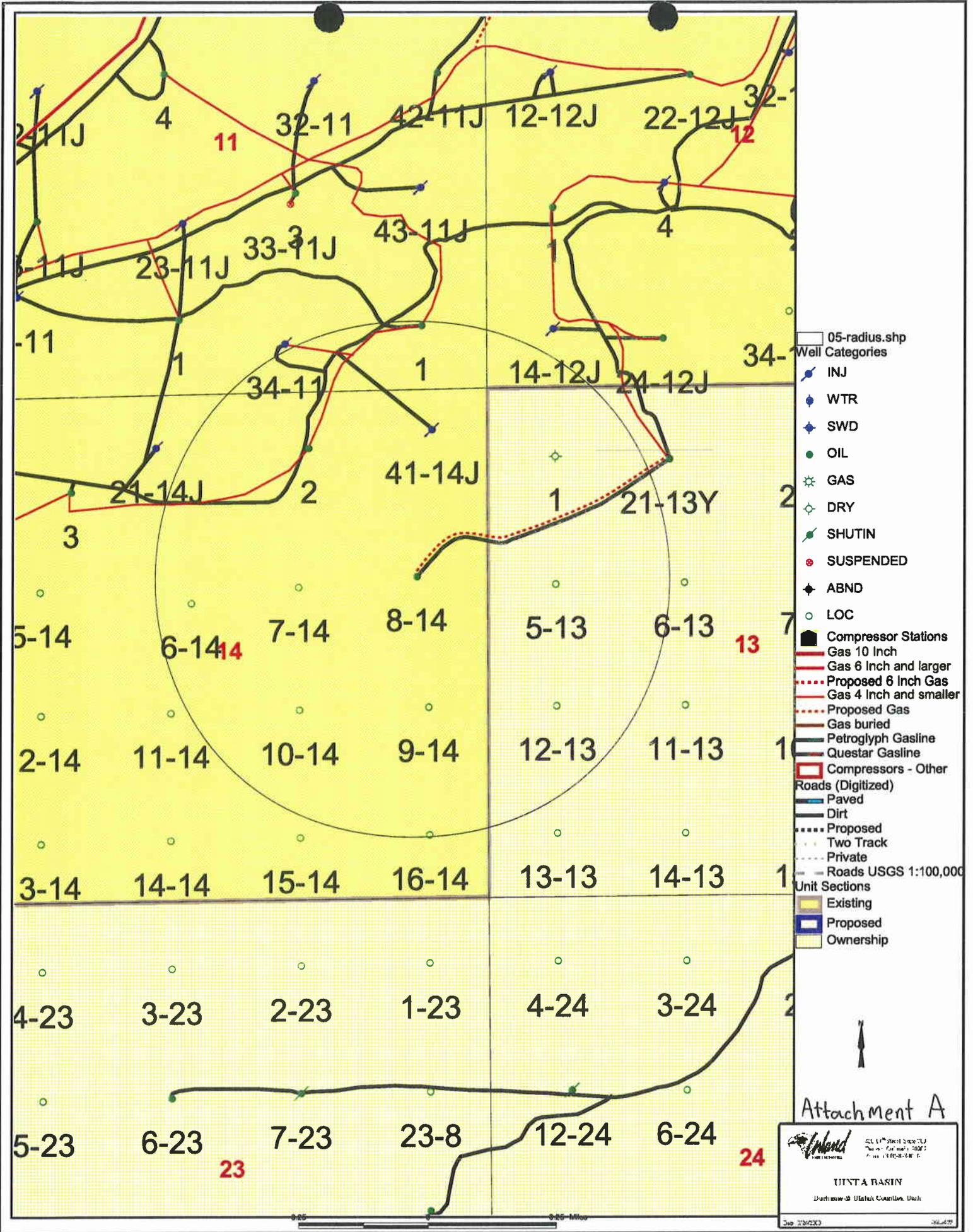
Signed *Cheryl Cameron* Title Regulatory Compliance Specialist Date 1/15/98
Cheryl Cameron

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____
 Conditions of approval, if any:

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

***See Instruction on Reverse Side**



- 05-radius.shp
- Well Categories
 - INJ
 - WTR
 - SWD
 - OIL
 - GAS
 - DRY
 - SHUTIN
 - SUSPENDED
 - ABND
 - LOC
- Compressor Stations
 - Gas 10 Inch
 - Gas 6 Inch and larger
 - Proposed 6 Inch Gas
 - Proposed Gas
 - Gas buried
 - Petroglyph Gasline
 - Questar Gasline
 - Compressors - Other
- Roads (Digitized)
 - Paved
 - Dirt
 - Proposed
 - Two Track
 - Private
 - Roads USGS 1:100,000
- Unit Sections
 - Existing
 - Proposed
 - Ownership

Attachment A


 ALL INFORMATION CONTAINED
 HEREIN IS UNCLASSIFIED
 DATE 11/08/00 BY 60322
 UCBA/STP

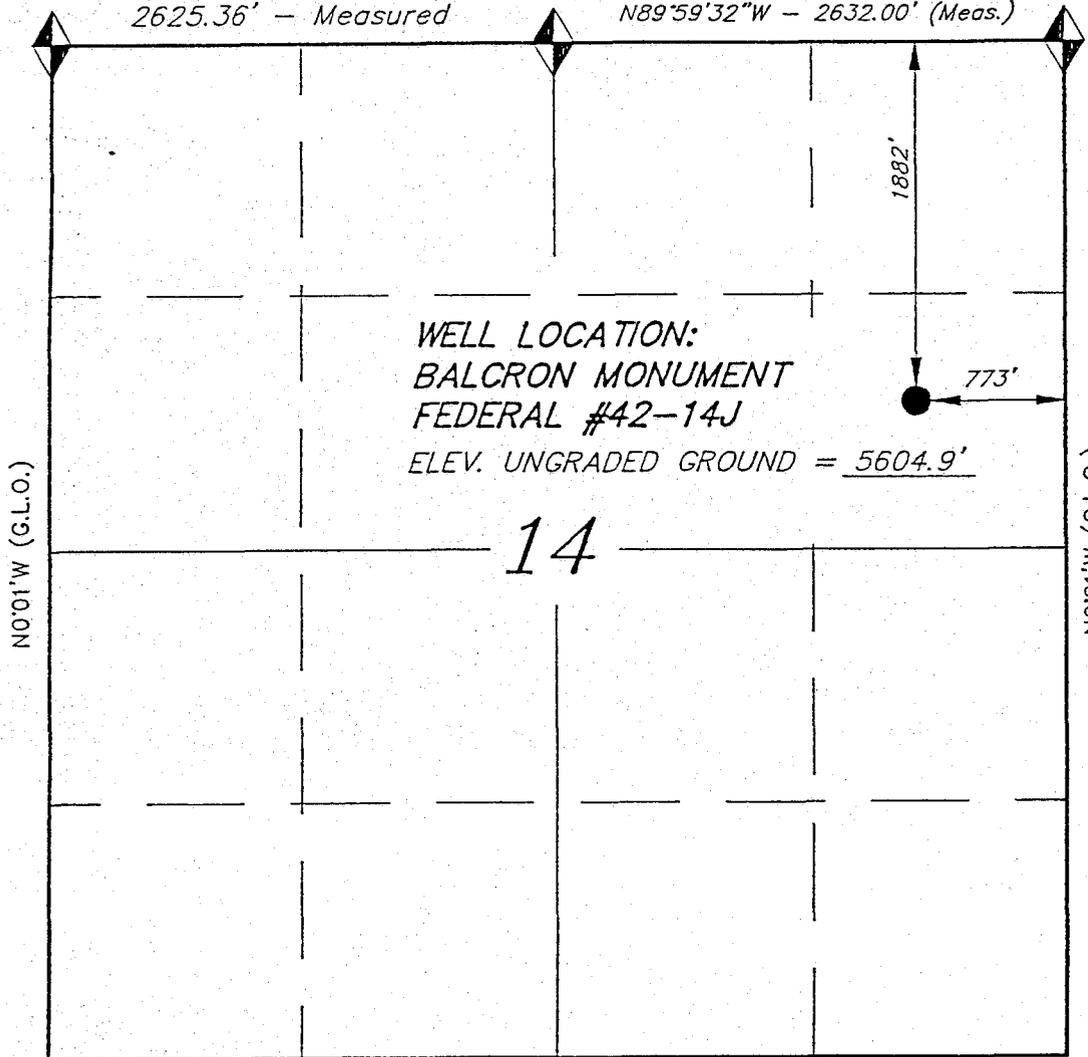
UINTA BASIN
 Division of Utah Counties, Utah

Date 11/08/00

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

S89°59'W (G.L.O.) Basis of Bearings
2625.36' - Measured

N89°59'32"W - 2632.00' (Meas.)



S89°54'W - 79.82 (G.L.O.)

WELL LOCATION:
BALCRON MONUMENT
FEDERAL #42-14J
ELEV. UNGRADED GROUND = 5604.9'

14

N0°01'W (G.L.O.)

N0°01'W (G.L.O.)

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON MONUMENT FEDERAL #42-14J, LOCATED AS SHOWN IN THE SE 1/4 NE 1/4 OF SECTION 14, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

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DIVISION OF
OIL, GAS AND MINING



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

REGISTERED LAND SURVEYOR
GENE STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 44100
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

38 EAST 100 NORTH, VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: G.S. S.S.

DATE: 11-4-94

WEATHER: COOL

NOTES:

FILE #42-14J



= SECTION CORNERS LOCATED

BASIS OF BEARINGS; G.L.O. DATED 1910

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

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OIL, GAS AND MINING

EXHIBIT B

Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	<u>Township 9 South, Range 16 East</u> Section 12: SW/4	U-035521-A HBP	Inland Production Company Thomas J. Lambert Larry R. Simpson Vaughey & Vaughey Montana & Wyoming Oil Co. John R. Warne Bonnie B. Warne Carl B. Field WRC 91 LTD Carol J. Bibler Leslie J. Beaux	(Surface Rights) USA
2	<u>Township 9 South, Range 16 East</u> Section 11: W/2SW/4, SE/4SW/4 Section 14: SW/4NE/4, SE/4SE/4, W/2SE/4, W/2	U-096547 HBP	Inland Production Company	(Surface Rights) USA
3	<u>Township 9 South, Range 16 East</u> Section 11: E/2, NW/4, NE/4SW/4 Section 12: NW/4 Section 14: N/2NE/4, SE/4NE/4, NE/4SE/4	U-096550 HBP	Inland Production Company	(Surface Rights) USA

EXHIBIT B
Page 2

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
4	<u>Township 9 South, Range 16 East</u> Section 13: NW/4NE/4, NE/4NW/4, S/2N/2, S/2	UTU-64805 HBP	Inland Production Company Myco Industries, Inc. Abo Petroleum Corporation Yates Drilling Company Yates Petroleum Corporation	(Surface Rights) USA
5	<u>Township 9 South, Range 16 East</u> Section 13: NE/4SE/4	UTU-75039 HBP	Inland Production Company	(Surface Rights) USA

8-14-9-16 inj. doc.

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OIL, GAS AND MINING

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Jonah #8-14-9-16

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

Signed: *David Donegan*
Inland Production Company
David Donegan
Manager of Operations

Sworn to and subscribed before me this 16th day of April, 2000.

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



My Commission Expires 11/14/2000

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OIL, GAS AND MINING

Attachment E

Jonah Unit #8-14

Spud Date: 5/22/98
 Put on Production: 6/22/98
 GL: 5607' KB: 5617'

Initial Production: 159 BOPD,
 133 MCFPD, 34 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (290')
 DEPTH LANDED: 291'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 1-1/2 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 133 jts. (5677')
 DEPTH LANDED: 5688' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 320 sk Poz Type III mixed & 310 sxs Class G
 CEMENT TOP AT: 2566' per CBL

MOST ≥ 80% TO 2566

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 161 jts
 TUBING ANCHOR: 5020'
 SEATING NIPPLE: 5-1/2" (1.10')
 TOTAL STRING LENGTH: EOT @ 5152'
 SN LANDED AT: 5086'

SUCKER RODS

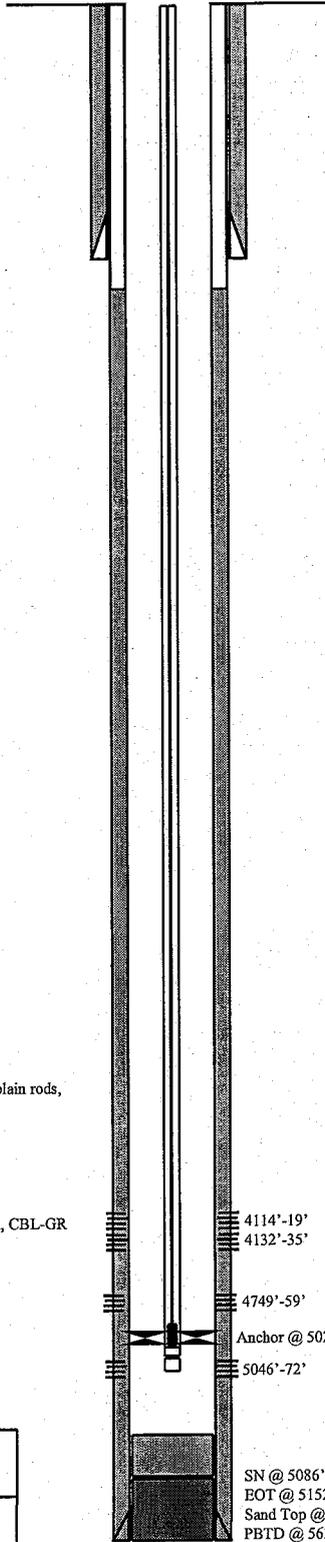
POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 4 - 1-1/2" weight rods, 4-3/4" scraped, 97 - 3/4" plain rods,
 97 - 3/4" scaped rods, 1 - 3/4" plain rod, 1 - 3/4"x8' pony rod.
 PUMP SIZE: 2-1/2" x 1-1/2" x 15 RHAC rod pump
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 6 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

6/13/98 5046'-5072' **Frac A-3 sand as follows:**
 114,000# 20/40 sand in 565 bbls Viking I-25 fluid. Perf Brokedown @ 3823 psi. Treated @ avg press of 1875 psi, w/avg rate of 30 BPM. ISIP: 2350 psi, 5-min 2100 psi. Flowback on 12/64 choke for 3 hours and died.

6/16/98 4749'-4759' **Frac C sand as follows:**
 113,994# of 20/40 sand in 546 bbls Viking I-25 fluid. Perfs Brokedown @ 3032 psi. Treated @ avg press of 2000 psi w/ avg rate of 28 bpm. ISIP: 2250 psi, 5-min 2000 psi. Flowback on 12/64" choke for 3-1/2 hours and died.

6/18/98 4114'-4135' **Frac GB sand as follows:**
 96,580# 20/40 sand in 475 bbls Viking I-25 fluid. Perfs brokedown @ 3387 psi. Treated @ avg press of 1850 psi w/avg rate of 24.5 BPM. ISIP 1850 psi, 5-min 1535 psi. Flowback on 12/64" choke for 2-1/2 hours and died.



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PERFORATION RECORD

6/13/98	5046'-5072'	2 JSPF	52 holes
6/15/98	4749'-4759'	4 JSPF	40 holes
6/17/98	4114'-4119'	4 JSPF	20 holes
6/17/98	4132'-4135'	4 JSPF	12 holes



Inland Resources Inc.

Jonah Unit #8-14

1882 FNL 773 FEL

SENE Section 14-T9S-R16E

Duchesne Co, Utah

API #43-013-32054; Lease #U-096550

Attachment E-1
Walton Federal #1-11

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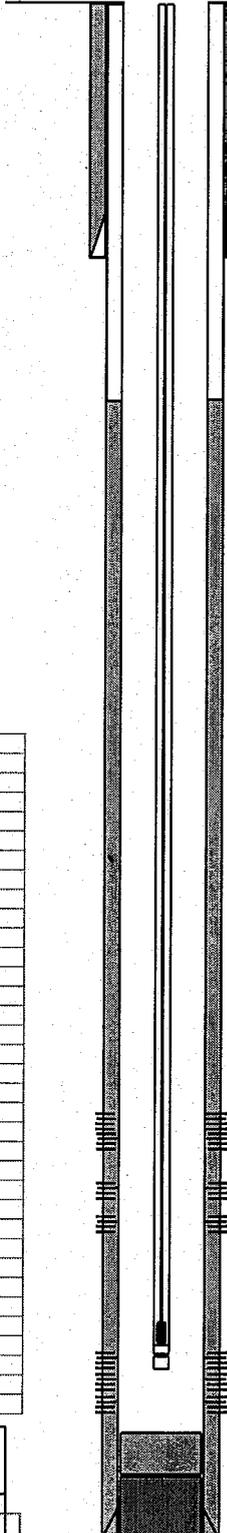
**DIVISION OF
OIL, GAS AND MINING**

Wellbore Diagram

Elev.GR - 5501' GL	
Elev.KB - 5513' KB (12' KB)	
SURFACE CASING	
CSG SIZE: 9-5/8"	
GRADE: J-55	
WEIGHT: 32.2 #	
LENGTH: 7 jts. @ 212'	
DEPTH LANDED: 225' KB	
HOLE SIZE: 12-1/4"	
CEMENT DATA: 225 sxs	
PRODUCTION CASING	
CSG SIZE: 5-1/2"	
GRADE: J-55	
WEIGHT: 15.5 #	
LENGTH: 167 jts. @ 5192'	
DEPTH LANDED: 5205' KB	
HOLE SIZE: 7-7/8"	
CEMENT DATA: 400 sxs	
CEMENT TOP AT: Unknown	
	est. @ 2655' KB

TUBING	
SIZE/GRADE/WT.:	2-7/8", J-55, 6.4 #
NO. OF JOINTS:	144 jts. @ 4530.15'
TUBING ANCHOR:	2-7/8" x 5-1/2" @ 2.75'
NO. OF JOINTS:	14 jts. @ 439.81'
SEATING NIPPLE:	2-7/8" x 1.1'
PERFORATED SUB:	2-7/8" x 3.13'
MUD ANCHOR:	1 jnt. w/ NC @ 31.9'
STRING LENGTH:	5008.84 ft (EOT @ 5020.84' KB)
SN LANDED AT:	4985.81' KB

SUCKER RODS	
POLISHED ROD:	1 - 1-1/4" x 22' SM Polished Rod
SUCKER RODS:	1 - 3/4" x 4' Pony
	2 - 3/4" x 6' Ponies
	167 - 3/4" x 25' Plain Rods
	25 - 3/4" x 25' w/ 2-1/2" guides
	5 - 3/4" x 25' Plain Rods
ROD STRING LENGTH:	4957 ft
PUMP NUMBER:	TRICO # 1091
PUMP SIZE:	2-1/2" x 1-1/4" x 14.5' RHAC
	w/ SM plunger
STROKE LENGTH:	
PUMP SPEED, SPM:	
PUMPING UNIT SIZE:	Cabot 114 (serviced 10-16-92)
PRIME MOVER:	



ACID JOB /BREAKDOWN		
5075' & 5084'	10/66	breakdown w/ 500 gal 15% acid
4589' - 4597'	8/82	breakdown ?
FRAC JOB		
4735' & 4746' KB	5-7-64 w/ 19,950 gal oil, 20,000 lbs mesh sand, 2000 lbs glass beads @ 32 BPM @ 3700 psi.	
5007' - 5013' & 5020' KB	5-7-64 w/ 23,100 gal crude oil w/ 21,000 lbs mesh sand & 2000 lbs 8-12 mesh glass beads @ 37 BPM @ 3750 psi	
5075' & 5084' & 4735' & 4746' & 5007' - 5013' & 5020'	10/5/66: 73,500 gal of 1% acetic acid w/ 62,000 lbs sand & 2,000 gal w/ 2,000 lbs glass beads. Flush w/ 6500 gal treated @ 54 bpm @ 2600 - 3000 psi	
PERFORATION RECORD		
4589' - 4597'	8/82	? holes
4735'	5/64	3 holes
4746'	5/64	3 holes
5007' - 5013'	5/64	3 holes
5020'	5/64	3 holes
5075'	10/66	2 holes
5084'	10/66	2 holes
PROPOSED PERFORATIONS (4/94)		
4590' - 4595'	(5')	(4 SPF) R1
4715' - 4719'	(4')	(4 SPF) R5
5046' - 5054'	(8')	(4 SPF) G4
5072' - 5078'	(6')	(4 SPF) G4
5082' - 5089'	(7')	(4 SPF) G4

SN LANDED @ 4986' KB
5007' - 5020'
EOT LANDED @ 5021' KB
PROPOSED 5046' - 5054' G4
PROPOSED 5072' - 5078' G4
5075' & 5084'
PROPOSED 5082' - 5089' G4
PBTD @ 5108' KB (bridge plug)
TD @ 6300' KB

Inland Resources Inc.

WALTON FEDERAL #1-11
SE SE Sec.11, T9S, R16E
Lease #U-096550
Jonah Unit/Monument Butte Field
Duchesne County, Utah

43-013-15792

Attachment E-2

Balcron Monument Federal #41-14j

Wellbore Diagram

Elev. Gr @ 5529'
 Elev. KB @ 5539' (10' KB)

SURFACE CASING

8-5/8", 24#, J-55
 Length @ 271.04'
 Hole size @ 12-1/4"
 Depth landed @ 279' KB
 Cemented w/ 150 sxs Class "G"
 2% CCL, 1/4#/sx Celoflake.

PRODUCTION CASING

5-1/2", 15.5#, K-55
 Length @ 5637.81'
 Hole size @ 7-7/8"
 Depth landed @ 5646.81' KB
 Cemented w/ 225 sxs Hilift tail
 w/ 261 sxs Class "G".
 TOC @ 1355' (Calculated)

4164 CBL

TUBING/INJECTION STRING

Injection Equipment & Size	Length FT.	Setting Depth FT. (w/10' KB)
KB	10.00	
1) 149 jnts 2 7/8" tbg	4627.28	4637.28
2) 2 7/8" SN (2.25" ID)	1.10	4638.38
3) 2 7/8"x 2 3/8" X-Over	0.60	4638.98
4) 5.5" Arrow Set-1 Pkr	6.20	4645.18
End of Tubing		4645.18

Injection Packers Set 1/2/97 By Mn States.
 Arrow Set-1 Pkr 5 1/2"x 2 3/8"
 2 7/8" SN ID @ 2.25".
 Arrow Set-1 Pkr set w/ 13" Tension.
 Packer fluid - 55 gals Champion Cortron #23-83
 w/ 60 STBW

Proposed Injection Horizons

4724' - 4730' (6')	REDS
4732' - 4737' (5')	REDS
5043' - 5052' (9')	GREEN

Tracer Survey ran 12-29-94.

<- Top of Cement @ 1355' (Calculated)
 - Utah Formation @ Surface to 1400'

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- Green River Formation @ 1400' to 41

<- Arrow Set-1 Packer @ 4645' KB

FRAC JOBS

5043' - 5052' KB - 12-23-93 by Western w/ 12,500#
 20/40 mesh sand & 6,500# 16/30
 mesh sand in 500 gals 15% HCL
 8144 gals 2% KCL wtr. (Screen
 out). ATP 2300 psi, max 3200
 ATR 19 BPM max 20.1 BPM
 ISIP 2800 psi, 5 min 500 psi,
 10 min 240 psi, 15 min 20 psi

4724' - 4737' KB - 12-28-93 by Western w/ 27,500#
 16/30 mesh sand w/ 500 gals 15
 HCL & 14,860 gals 2% KCL wtr.
 ATP 2100 psi, max 2800 psi.
 Avg Rate 19.5 BPM max 20 BPM
 ISIP 2100 psi, 5 min 1600 psi
 10 min 1580 psi, 15 min 1560

PERFORATION RECORD

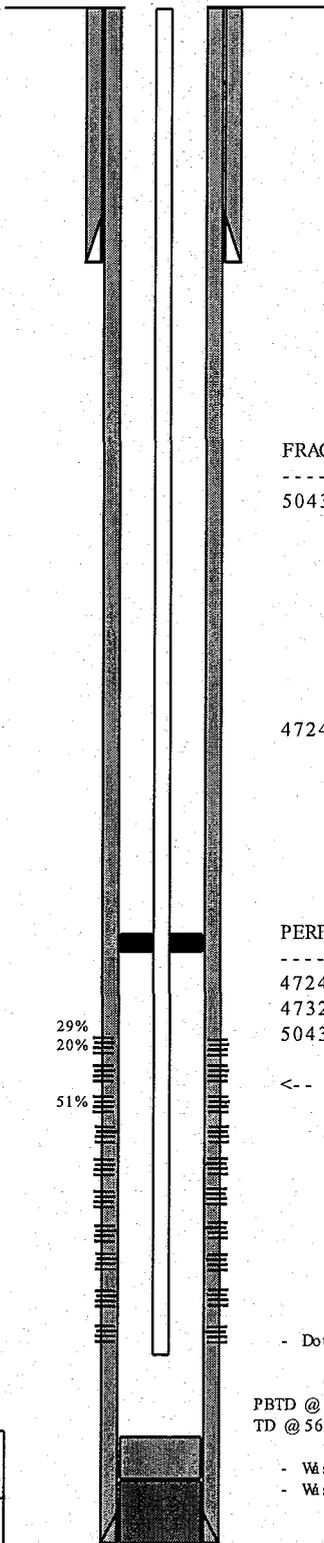
4724' - 4730' (6') (2 SPF) RED 5
 4732' - 4737' (5') (2 SPF) RED 5
 5043' - 5052' (9') (2 SPF) GREEN 4

<- SN Landed @ 5092.15' KB

- Douglas Creek Member @ 4100' to 5350'

PBTD @ 5600.01' KB
 TD @ 5692' KB

- Wasatch Formation Transition @ 5350' to 6000'
 - Wasatch Formation @ 6000'



Inland Resources Inc.
 Balcron Monument Federal #41-1
 NE NE Section 14, T9S, R16E
 363' FNL & 600' FEL
 Lease No. U-096550
 Jonah Unit/Monument Butte Field
 Duchesne County, Utah

43-013-31406

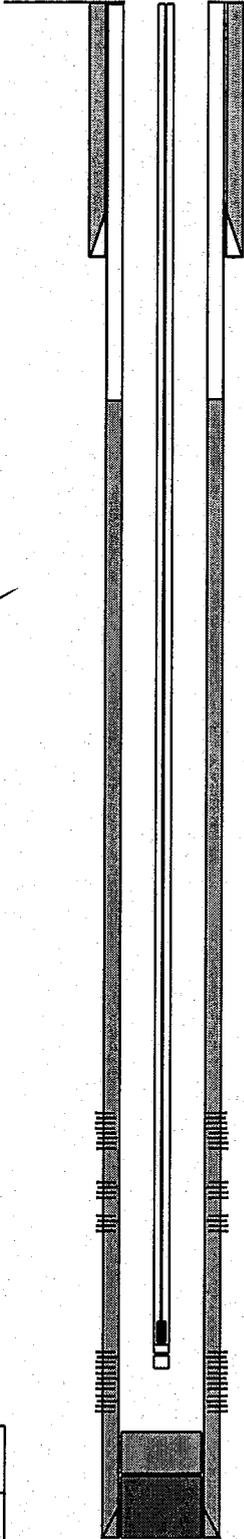
Attachment E-3

Walton Federal #2-14

Wellbore Diagram

Elev.GR - 5546' GL	
Elev.KB - 5558' KB (12' KB)	
SURFACE CASING	
CSG SIZE:	9-5/8"
GRADE:	J-55
WEIGHT:	32.2 #
LENGTH:	7 jts. @ 221'
DEPTH LANDED:	232' KB
HOLE SIZE:	12-1/4"
CEMENT DATA:	200 sx
PRODUCTION CASING	
CSG SIZE:	5-1/2"
GRADE:	J-55
WEIGHT:	15.5 #
LENGTH:	151 jts. @ 4846'
DEPTH LANDED:	4857' KB
HOLE SIZE:	7-7/8"
CEMENT DATA:	325 cft. 10% salt saturated cement
CEMENT TOP AT:	3576' KB <i>BL</i>
TUBING	
SIZE/GRADE/WT.:	2-7/8" / J-55 / 6.4 #
NO. OF JOINTS:	151 jts. @ 4706'
TUBING ANCHOR:	None
NO. OF JOINTS:	NA
SEATING NIPPLE:	2-7/8" x 1.1'
PERFORATED SUB:	2-7/8" x 3'
MUD ANCHOR:	2-7/8" x 30'
STRING LENGTH:	4740 ft (EOT @ 4751' KB)
SN LANDED AT:	4718' KB

SUCKER RODS	
POLISHED ROD:	1-1/4" x 22' Polished Rod
SUCKER RODS:	189 - 3/4" x 25' Plain Rod
TOTAL STRING LENGTH:	
PUMP NUMBER:	
PUMP SIZE:	
STROKE LENGTH:	
PUMP SPEED, SPM:	
PUMPING UNIT SIZE:	Cabot 114 (Serviced 10-16-92)
PRIME MOVER:	



ACID JOB/BREAKDOWN	
4554' - 4560' KB	250 gal 15% Mud Acid.
4724' - 4735' KB	250 gal Mud Acid.
FRAC JOB	
4554' - 4560' KB	6-23-64 w/ 13700 gal oil w/12600 lbs 20-40 mesh sand & 8000 gal crude w/ 4000 lbs 8-12 mesh glass beads & 125 Bbl oil @ 25 BPM @ 4200 psi.
4724' - 4735' KB	6-20-64 w/ 12600 gal Ashley Valley crude w/11500 lbs 20-40 mesh sand & 8000 gal crude w/ 4000 lbs 8-12 mesh glass beads & 125 Bbl oil @ 25 BPM @ 4350 psi.
TOC @ 3576' KB	
PERFORATION RECORD	
4554' (1')	(5 SPP) R1
4560' (1')	(5 SPP) R1
4724' (1')	(5 SPP) R5
4735' (1')	(5 SPP) R5
PROPOSED PERFORATIONS :	
5083' - 5068' (5')	(4 SPP) G4
(will not recomplete - casing not set deep enough)	

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4554' & 4560' R1
SN LANDED @ 4718' KB
4724' & 4735' R5
EOT LANDED @ 4751' KB
End of Casing @ 4857' KB
PBTD @ ? KB
TD @ 5200' KB

Inland Resources Inc.

WALTON FEDERAL #2-14

NW NE Sec.14, T9S, R16E

Lease #U-096550

Jonah Unit/Monument Butte Field

Duchesne County, Utah

43-013-15793

UNICHEM

A Division of BJ Services

Attachment F

P.O. Box 217
Roosevelt, Utah 84066

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

WATER ANALYSIS REPORT

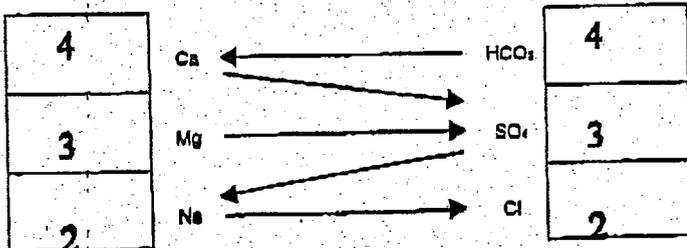
Company INLAND PRODUCTION Address _____ Date 1-27-00
Source JOHNSON Date Sampled 1-26-00 Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>7.4</u>		
2. H ₂ S (Qualitative)	<u>0.5</u>		
3. Specific Gravity	<u>1.001</u>		
4. Dissolved Solids		<u>600</u>	
5. Alkalinity (CaCO ₃)	CO ₃	<u>0</u>	+ 30 <u>0</u> CO ₃
6. Bicarbonate (HCO ₃)	HCO ₃	<u>240</u>	+ 61 <u>4</u> HCO ₃
7. Hydroxyl (OH)	OH	<u>0</u>	+ 17 <u>0</u> OH
8. Chlorides (Cl)	Cl	<u>71</u>	+ 35.5 <u>2</u> Cl
9. Sulfates (SO ₄)	SO ₄	<u>130</u>	+ 48 <u>3</u> SO ₄
10. Calcium (Ca)	Ca	<u>72</u>	+ 20 <u>4</u> Ca
11. Magnesium (Mg)	Mg	<u>41</u>	+ 12.2 <u>3</u> Mg
12. Total Hardness (CaCO ₃)		<u>350</u>	
13. Total Iron (Fe)		<u>0.6</u>	
14. Manganese			
15. Phosphate Residuals			

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DIVISION OF
OIL, GAS AND MINING

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equly. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	<u>4</u>			<u>324</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19	<u>3</u>			<u>181</u>
MgCl ₂	47.62				
NaHCO ₃	84.00				
Na ₂ SO ₄	71.03				
NaCl	58.46	<u>2</u>			<u>117</u>

Saturation Values	Distilled Water 20°C
CaCO ₃	19 Mg/l
CaSO ₄ · 2H ₂ O	2,090 Mg/l
MgCO ₃	103 Mg/l

REMARKS _____

Received Time Jan. 27. 5:28PM

UNICHEM

A Division of BJ Services

Attachment F-1

P.O. Box 217
Roosevelt, Utah 84066

Office (435) 722-5086
Fax (435) 722-5727

WATER ANALYSIS REPORT

Company INLAND PRODUCTION Address _____ Date 8-25-99
 Source MBIF Date Sampled 8-25-99 Analysis No. _____

	Analysis	mg/l(ppm)	*Mg/l
1. PH	<u>8.0</u>		
2. H ₂ S (Qualitative)	<u>0</u>		
3. Specific Gravity	<u>1.001</u>		
4. Dissolved Solids		<u>688</u>	
5. Alkalinity (CaCO ₃)			
6. Bicarbonate (HCO ₃)		<u>430</u>	<u>7</u>
7. Hydroxyl (OH)		<u>0</u>	<u>0</u>
8. Chlorides (Cl)		<u>71</u>	<u>2</u>
9. Sulfates (SO ₄)		<u>0</u>	<u>0</u>
10. Calcium (Ca)		<u>40</u>	<u>2</u>
11. Magnesium (Mg)		<u>12</u>	<u>1</u>
12. Total Hardness (CaCO ₃)		<u>150</u>	
13. Total Iron (Fe)		<u>13</u>	
14. Manganese		<u>0</u>	
15. Phosphate Residuals			

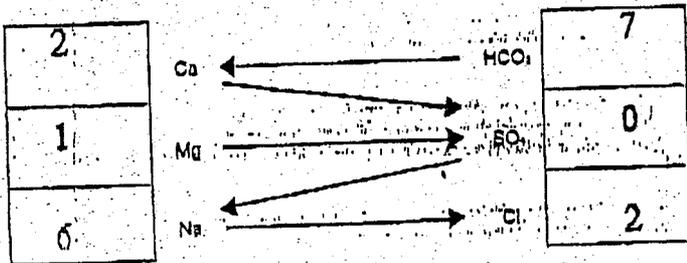
RECEIVED

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OIL, GAS AND MINING

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Saturation Values

CaCO₃
CaSO₄ · 2H₂O
MgCO₃

Distilled Water 20°C

13 Mg/l
2,090 Mg/l
103 Mg/l

Compound	Equly. Wt.	X	Mg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	2			162
CaSO ₄	68.07				
CaCl ₂	55.50	1			73
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.62	4			336
NaHCO ₃	64.00				
Na ₂ SO ₄	71.03	2			117
NaCl	58.48				

REMARKS _____

Received Time Aug. 25. 3:48PM

435 722 5727

Attachment F-2

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

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

WATER ANALYSIS REPORT

Company Inland Production Company Address _____ Date 4/4/00

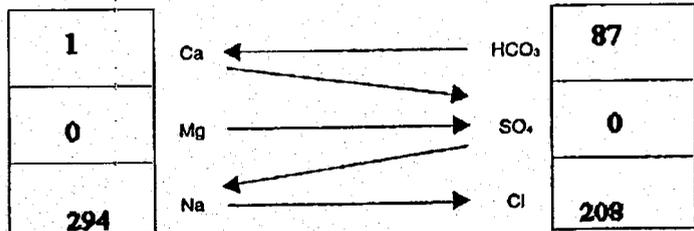
Source Jonah Federal 8-14 Date Sampled 4/3/00 Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>9.2</u>		
2. H ₂ S (Qualitative)	<u>1.0</u>		
3. Specific Gravity	<u>1.017</u>		
4. Dissolved Solids		<u>19,186</u>	
5. Alkalinity (CaCO ₃)	CO ₃	<u>300</u>	÷ 30 <u>10</u> CO ₃
6. Bicarbonate (HCO ₃)	HCO ₃	<u>4,700</u>	÷ 61 <u>77</u> HCO ₃
7. Hydroxyl (OH)	OH	<u>0</u>	÷ 17 <u>0</u> OH
8. Chlorides (Cl)	Cl	<u>7,400</u>	÷ 35.5 <u>208</u> Cl
9. Sulfates (SO ₄)	SO ₄	<u>0</u>	÷ 48 <u>0</u> SO ₄
10. Calcium (Ca)	Ca	<u>24</u>	÷ 20 <u>1</u> Ca
11. Magnesium (Mg)	MG	<u>0</u>	÷ 12.2 <u>0</u> Mg
12. Total Hardness (CaCO ₃)		<u>60</u>	
13. Total Iron (Fe)		<u>1.2</u>	
14. Manganese		<u>0</u>	
15. Phosphate Residuals			

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*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	<u>1</u>			<u>81</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00		<u>86</u>		<u>7,224</u>
Na ₂ SO ₄	71.03				
NaCl	58.46		<u>208</u>		<u>12,160</u>

Saturation Values	Distilled Water 20°C
CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,090 Mg/l
MgCO ₃	.103 Mg/l

REMARKS _____

Received Time—Apr. 5.— 9:39AM—

435 722 5727

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AQUAMIX SCALING PREDICTIONS

DIVISION OF
OIL, GAS AND MINING

COMPANY: INLAND PRODUCTION CO
 LOCATION:
 SYSTEM:

4-4-2000

WATER DESCRIPTION: JONAH FED 8-14

	INPUT ANALYSIS	VALUES USED IN CALCULATIONS
P-ALK AS PPM CaCO ₃	501	501
M-ALK AS PPM CaCO ₃	7708	7708
SULFATE AS PPM SO ₄	0	
CHLORIDE AS PPM Cl	7400	7400
HARDNESS AS PPM CaCO ₃	0	
CALCIUM AS PPM CaCO ₃	60	60
MAGNESIUM AS PPM CaCO ₃	0	
SODIUM AS PPM Na	6762	6762
BARIUM AS PPM Ba	0	
STRONTIUM AS PPM Sr	0	
CONDUCTIVITY	0	0
TOTAL DISSOLVED SOLIDS	19186	18811
TEMP (DEG-F)	100	
SYSTEM pH	9.2	
pH		9.2

RESULTS:

IONIC STRENGTH-MOLAL	.292
SPECIFIC GRAVITY (EST. VALUE)	1.01
TOTAL DISSOLVED SOLIDS-PPM (EST. VALUE)	18811

SCALING PREDICTIONS OVER A RANGE OF TEMPERATURES:

% WATER	STIFF DAVIS CaCO ₃ INDEX	lbs/1000 BBL EXCESS CaCO ₃	mg/l BaSO ₄ IN EXCESS OF SATURATION	mg/l SrO ₄ IN EXCESS OF SATURATION	mg/l Gypsum IN EXCESS OF SATURATION
80	1.96	20	0	0	0
100	2.21	20	0	0	0
120	2.48	20	0	0	0
140	2.81	20	0	0	0
160	3.09	20	0	0	0
180	3.47	20	0	0	0
200	3.87	20	0	0	0

Recieved Time Apr. 5. 9:39AM

Attachment "G"

Jonah 8-14-9-16
Proposed Maximum Injection Pressure

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DIVISION OF
OIL, GAS AND MINING

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
4114	4135	4125	1850	0.882	1836
4749	4759	4754	2250	0.906	2237
5046	5072	5059	2350	0.898	2333
				Minimum	1836

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

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



DIVISION OF
OIL, GAS AND MINING

Daily Completion Report

Attachment G-1

JONAH UNIT 8-14-9-16
SE/NE Section 14, T09S R16E
DUCHESNE Co., Utah
API # 43-013-32054

Spud Date: 5/6/98
MIRU Drl Rig: 5/22/98, Big A #46
TD: 5700'
Completion Rig: Flint #1497

6/13/98 PO: Perf & frac A sds. (Day 1)

Summary: 6/12/98 – MIRU Flint #1497. NU BOP. PU & TIH w/4-3/4" bit, 5-1/2" csg scraper, 181 jts 2-7/8" 8rd 6.5# M-50 tbg. Tag PBTB @ 5635'. Press test csg & BOP to 3000 psi. Swab FL dn to 4500'. TOH w/tbg. LD bit & scraper. SIFN.
DC: \$21,051 TWC: \$159,614

6/14/98 PO: Perf C sds. (Day 2)

Summary: 6/13/98 – CP: 0. RU Schlumberger & perf A sds @ 5046-72' w/2 jspf. TIH w/tbg to 5615'. IFL @ 4500'. Made 3 swab runs, rec 12 BTF w/tr oil. FFL @ 5100'. TOH w/tbg. NU isolation tool. RU BJ Services & frac A sds w/114,000# 20/40 sd in 565 bbls Viking I-25 fluid. Perf broke dn @ 3823 psi. Treated @ ave press of 1875 psi w/ave rate of 30 BPM. ISIP: 2350 psi, 5 min: 2100 psi. Flowback on 12/64 choke for 3 hrs & died. Rec 112 BTF (est 20% of load). SIFN w/est 453 BWTR.
DC: \$25,932 TWC: \$185,546

6/15/98 SD for Sunday.**6/16/98 PO: Frac C sds. (Day 3)**

Summary: 6/15/98 – CP: 0. TIH w/5-1/2" RBP & tbg. Set plug @ 4891'. Fill csg w/15 BW. Press test plug to 3000 psi. Swab FL dn to 4200'. Rec 90 BTF. TOH w/tbg. RU Schlumberger & perf C sds @ 4749-59' w/4 jspf. TIH w/tbg to 4866'. IFL @ 4200'. Made 3 swab runs, rec 8 BTF. FFL @ 4600'. SIFN w/est 370 BWTR.
DC: \$3,188 TWC: \$188,734

6/17/98 PO: Perf GB sds. (Day 4)

Summary: 6/16/98 – TP: 0, CP: 50. Bleed gas off well. IFL @ 4300'. Made 3 swab runs, rec 8 BTF w/tr oil. FFL @ 4700'. TOH w/tbg. NU isolation tool. RU BJ Services & frac C sds w/113,994# 20/40 sd in 546 bbls Viking I-25 fluid. Perfs broke dn @ 3032 psi. Treated @ ave press of 2000 psi w/ave rate of 28 BPM. ISIP: 2250 psi, 5 min: 2000 psi. Flowback on 12/64 choke for 3-1/2 hrs & died. Rec 126 BTF (est 23% of load). SIFN w/est 782 BWTR.
DC: \$23,549 TWC: \$212,283

6/18/98 PO: Frac GB sds. (Day 5)

Summary: 6/17/98 – CP: 0. TIH w/RH & tbg. Tag sd @ 4740'. CO sd to RBP @ 4891'. Release plug. Pull up & reset @ 4455'. Press test plug to 3000 psi. Swab FL dn to 3600'. Rec 77 BTF. TOH w/tbg. RU Schlumberger & perf GB sd @ 4114-19' & 4132-35' w/4 jspf. TIH w/tbg to 4420'. IFL @ 3500'. Made 3 swab runs, rec 14 BTF. FFL @ 4200'. SIFN w/est 691 BWTR.
DC: \$3,119 TWC: \$215,402

6/19/98 PO: Pull plug. CO PBTB. Swab well. (Day 6)

Summary: 6/18/98 – TP: 0, CP: 0. IFL @ 3600'. Made 3 swab runs, rec 13 BTF w/tr oil. FFL @ 4200'. TOH w/tbg. NU isolation tool. RU BJ Services & frac GB sds w/96,580# 20/40 sd in 475 bbls Viking I-25 fluid. Perfs broke dn @ 3387 psi. Treated @ ave press of 1850 psi w/ave rate of 24.2 BPM. ISIP: 1850 psi, 5 min: 1535 psi. Flowback on 12/64 choke for 2-1/2 hrs & died. Rec 78 BTF (est 16% of load). SIFN w/est 1075 BWTR.
DC: \$22,904 TWC: \$238,306



Daily Completion Report – Page Two Attachment G-1

JONAH UNIT 8-14-9-16
SE/NE Section 14, T09S R16E
DUCHESNE Co., Utah
API # 43-013-32054

Spud Date: 5/6/98
MIRU Drl Rig: 5/22/98, Big A #46
TD: 5700'
Completion Rig: Flint #1497

6/20/98 PO: Swab well. Trip & land production tbg. (Day 7)

Summary: 6/19/98 – CP: 50. Bleed off est 8 bbls frac fluid. TIH w/RH & tbg. Tag sd @ 4145'. CO sd to RBP @ 4455'. Release plug. TOH w/tbg. LD plug. TIH w/NC & tbg. Tag sd @ 5359' (287' rathole, 276' fill). Pull EOT to 5237'. IFL @ sfc. Made 12 swab runs, rec 140 BTF (est 115 BW, 25 BO). Tr sd on early runs. FOC @ 15%. FFL @ 1800'. SIFN w/est 952 BWTR.
DC: \$2,142 TWC: \$240,448

6/21/98 PO: PU rods. Place well on production. (Day 8)

Summary: 6/20/98 – TP: 25, CP: 50. Bleed gas off well. IFL @ sfc. Made 11 swab runs, rec 133 BTF (est 58 BW, 75 BO). No sd. FOC @ 50%. FFL @ 1000'. TIH w/tbg. Tag sd @ 5351' (8' add'l sd). TOH w/tbg. TIH w/production tbg as follows: 2-7/8" NC, 2 jts tbg, SN, 2 jts tbg, 5-1/2" TA, 161 jts 2-7/8" 8rd 6.5# M-50 tbg. ND BOP. Set TA @ 5020' w/SN @ 5086' & EOT @ 5152'. Land tbg w/12,000# tension. NU well head. SIFN w/est 894 BWTR.
DC: \$2,824 TWC: \$243,272

6/22/98 SD for Sunday.

6/23/98 PO: Well on production. (Day 9)

Summary: 6/22/98 – Flush tbg w/30 bbls Hot Wtr. PU & TIH w/rod string as follows: 2-1/2 x 1-1/2 x 15' RHAC rod pmp, 4 – 1-1/2" weight rods, 4 – 3/4" scraped rods, 97-3/4" plain rods, 97 – 3/4" scraped rods, 1 – 3/4" plain rod, 1 – 3/4" x 8' pony rod, 1-1/2" x 22' polished rod. Seat pmp. RU pumping unit. Fill tbg w/1 BW. Press test pmp & tbg to 500 psi. Stroke pmp w/unit to 900 psi. Good pmp action. RDMO. **PLACE WELL ON PRODUCTION @ 12:30 PM, 6/22/98 W/74" SL @ 6 SPM.** Est 952 BWTR.
DC: \$107,870 TWC: \$351,142

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. **Plug #1** Set 176' plug from 4946'-5122' with 30 sxs Class "G" cement.
2. **Plug #2** Set 160' Plug from 4649'-4809' with 29 sxs Class "G" cement.
3. **Plug #3** Set 171' Plug from 4014'-4185' with 30 sxs Class "G" cement.
4. **Plug #4** Set 200' plug from 2000'-2200' with 25 sxs Class "G" cement.
5. **Plug #5** Set 100' plug from 241'-341' with 15 sxs Class "G" cement. (50' on either side of casing shoe)
6. **Plug #6** Set 50' plug from surface with 10 sxs Class "G" cement
7. **Plug #7** Pump 50 sxs Class "G" cement down the 8-5/8" x 5-1/2" annulus to cement to surface.

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DIVISION OF
OIL, GAS AND MINING

Attachment H-1

Jonah Unit #8-14

Spud Date: 5/22/98
 Put on Production: 6/22/98
 GL: 5607' KB: 5617'

Initial Production: 159 BOPD,
 133 MCFPD, 34 BWPD

Proposed P&A Wellbore Diagram

SURFACE CASING

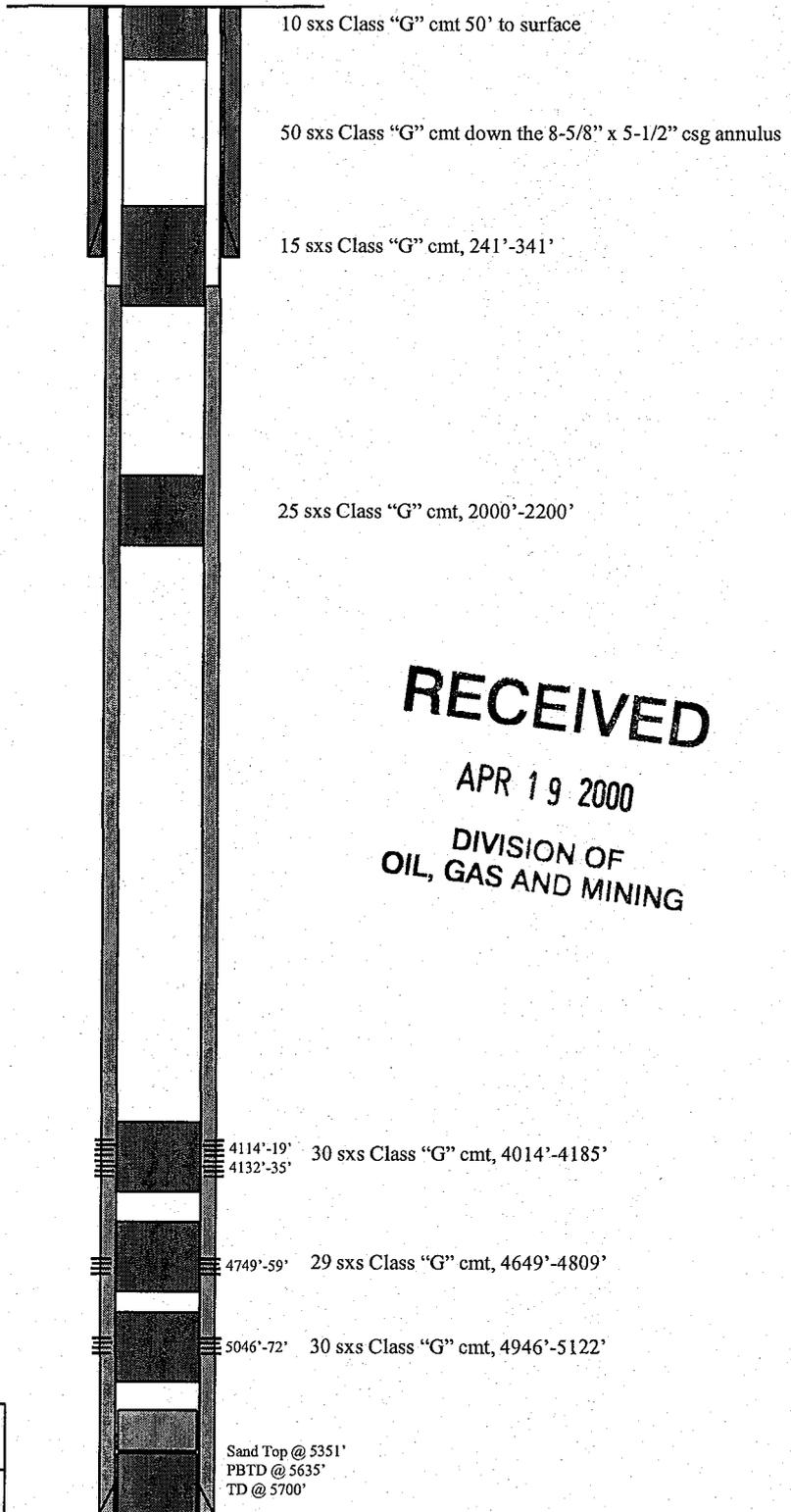
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (290')
 DEPTH LANDED: 291'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 1-1/2 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 133 jts. (5677')
 DEPTH LANDED: 5688' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 320 sk Poz Type III mixed & 310 sxs Class G
 CEMENT TOP AT: 2566' per CBL

PERFORATION RECORD

6/13/98	5046'-5072'	2 JSPF	52 holes
6/15/98	4749'-4759'	4 JSPF	40 holes
6/17/98	4114'-4119'	4 JSPF	20 holes
6/17/98	4132'-4135'	4 JSPF	12 holes



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Inland Resources Inc.

Jonah Unit #8-14

1882 FNL 773 FEL

SENE Section 14-T9S-R16E

Duchesne Co, Utah

API #43-013-32054; Lease #U-096550

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 FOR	:	ACTION
ADMINISTRATIVE APPROVAL OF	:	
THE Jonah #8-14-9-16 WELL	:	CAUSE NO. UIC-255
LOCATED IN SECTION 14,	:	
TOWNSHIP 9S, RANGE 16E, Salt	:	
Lake Base , DUCHESNE COUNTY,	:	
UTAH, AS A CLASS II INJECTION	:	
WELL	:	

---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 Jonah #8-14-9-16 well, located in Section 14, Township 9S, Range 16E, DUCHESNE County, Utah, for a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selective zones in the GREEN RIVER Formation will be used for water injection. The maximum requested 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 interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 19th day of May, 2000.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



John R. Baza
Associate Director, Oil & Gas

Inland Production Company
Jonah #8-14-9-16
Cause No. UIC-255

Publication Notices were sent to the following:

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

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066-3109
(VIA Fax 435-722-4140)

Salt Lake Tribune
143 South Main
Salt Lake City, UT 84111
(VIA Fax 801-237-2776)

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

Inland Production Company
Route 3, Box 3630
Myton, UT 84052

Dan Jackson
US EPA Region VIII, Suite 5000
999 18th Street
Denver, CO 80202-2466



Earlene Russell
Secretary
May 22, 2000



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)

May 22, 2000

SENT VIA E-MAIL AND FAX

Salt Lake Tribune
143 South Main
Salt Lake City, UT 84111
(VIA Fax 801-237-2776)

RE: Notice of Agency Action - Cause No. UIC-255

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, Suite 1210, PO Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

A handwritten signature in cursive script that reads "Earlene Russell".

Earlene Russell
Secretary

encl.

 * P. 01 *
 * TRANSACTION REPORT *
 * MAY-22-2000 MON 11:26 AM *
 * FOR: OIL, GAS & MINING 801 359 3940 *

 * DATE START RECEIVER TX TIME PAGES TYPE NOTE M# DP *

 * MAY-22 11:25 AM 2372776 1' 33" 6 SEND OK 628 *

 * TOTAL : 1M 33S PAGES: 6 *



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
 Kathleen Clarke
 Executive Director
 Lowell P. Braxton
 Division Director

May 22, 2000

SENT VIA E-MAIL AND FAX

Salt Lake Tribune
 143 South Main
 Salt Lake City, UT 84111
 (VIA Fax 801-237-2776)

RE: Notice of Agency Action - Cause No. UIC-255

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, Suite 1210, PO Box 145801, Salt Lake City, Utah 84114-5801.

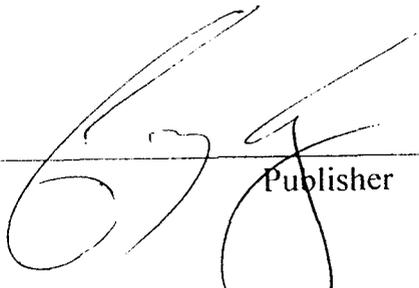
Sincerely,

[Handwritten signature]

AFFIDAVIT OF PUBLICATION

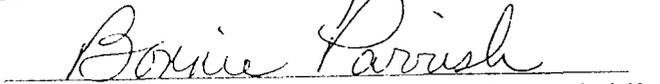
County of Duchesne,
STATE OF UTAH

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 30 day of May, 2000, and that the last publication of such notice was in the issue of such newspaper dated the 30 day of May, 2000.

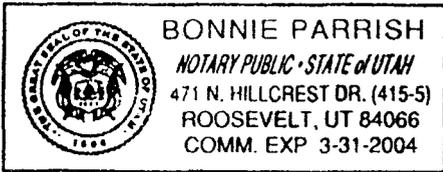


Publisher

Subscribed and sworn to before me this
31 day of May, 2000



Notary Public



NOTICE OF AGENCY ACTION

CAUSE NO. UIC-255
BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPARTMENT OF NATURAL

RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF FOR ADMINISTRATIVE APPROVAL OF THE Jonah #8-14-9-16 WELL LOCATED IN SECTION 14, TOWNSHIP 9S, RANGE 16E, Salt Lake Base, DUCHESNE COUNTY, UTAH, AS A CLASS II INJECTION WELL

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 Jonah #8-14-9-16 well, located in Section 14, Township 9S, Range 16E, DUCHESNE County, Utah, for a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selective zones in the GREEN RIVER Formation will be used for water injection. The maximum requested 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 interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 19th day of May, 2000.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
John R. Baza
Associate Director, Oil & Gas
Published in the Uintah Basin Standard May 30, 2000.



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)

June 15, 2000

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

Re: Jonah Unit Well: Jonah 8-14-9-16, Section 14, Township 9 South, Range 16 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: Jonah 8-14-9-16

Location: 14/9S/16E

API: 43-013-32054

Ownership Issues: The proposed well is located on BLM land. The well is located in the Jonah Unit. Lands in the one-half mile radius of the well are administered by the BLM. Inland and various other 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 Jonah 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 291 feet and is cemented to surface. A 5 ½ inch production casing is set at 5688 feet and has a cement bond greater than 80% up to 2566 feet. A 2 7/8 inch tubing with a packer will be set at 4060 feet. A mechanical integrity test will be run on the well prior to injection. There are 3 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 1100 feet. Injection shall be limited to the interval between 4114 feet and 5072 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 8-14-9-16 well is .882 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1836 psig. The requested maximum pressure is 1836 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.

Jonah 8-14-9-16
page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Jonah Unit on January 13, 1993 and revised on July 16,1993. Correlative rights issues were addressed at that time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that 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: 06/15/00



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 1st day of September, 2004.

INLAND RESOURCES INC.

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

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



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>



IN REPLY REFER TO:

3106

(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

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

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

9/1/2004

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

CA No.

Unit:

JONAH (GREEN RIVER)

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
JONAH FED 1-11	11	090S	160E	4301332157	11492	Federal	WI	A
JONAH FED 2-11	11	090S	160E	4301332158	11492	Federal	OW	P
JONAH FED 3-11	11	090S	160E	4301332159	11492	Federal	WI	A
JONAH 4-11-9-16	11	090S	160E	4301332279	11492	Federal	OW	P
JONAH UNIT 4-12	12	090S	160E	4301332180	11492	Federal	OW	P
JONAH FED 9-12-9-16	12	090S	160E	4301332430	11492	Federal	OW	P
JONAH FED 16-12-9-16	12	090S	160E	4301332431	11492	Federal	OW	P
JONAH FED 15-12-9-16	12	090S	160E	4301332627		Federal	OW	APD
JONAH UNIT 8-14-9-16	14	090S	160E	4301332054	11492	Federal	OW	P
JONAH 5-14-9-16	14	090S	160E	4301332336	11492	Federal	OW	P
JONAH 6-14-9-16	14	090S	160E	4301332337	11492	Federal	OW	P
JONAH 7-14-9-16	14	090S	160E	4301332338	11492	Federal	OW	P
JONAH FED 9-14-9-16	14	090S	160E	4301332661		Federal	OW	APD
JONAH FED 10-14-9-16	14	090S	160E	4301332662		Federal	OW	APD
JONAH 8-7	07	090S	170E	4301331989	11492	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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-096550

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
JONAH UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
JONAH UNIT 8-14-9-16

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301332054

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: 1882 FNL 773 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENE, 14, T9S, R16E

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 (Submit in Duplicate) Approximate date work will _____	<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 (Submit Original Form Only) Date of Work Completion: <u>02/07/2008</u>	<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: - Update
	<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.
At the present time Newfield has no intentions of converting this well to an injection well.

NAME (PLEASE PRINT) Kathy Chapman

TITLE Office Manager

SIGNATURE



DATE 02/07/2008

(This space for State use only)

RECEIVED

FEB 11 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096550																														
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)																														
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: JONAH UNIT 8-14-9-16																															
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013320540000																															
3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202	PHONE NUMBER: 303 382-4443 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE																														
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1882 FNL 0773 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 14 Township: 09.0S Range: 16.0E Meridian: S	COUNTY: DUCHESNE STATE: UTAH																															
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																																
TYPE OF SUBMISSION	TYPE OF ACTION																															
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/6/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width:100%; border: none;"> <tr> <td style="width: 33%; border: none;"><input type="checkbox"/> ACIDIZE</td> <td style="width: 33%; border: none;"><input type="checkbox"/> ALTER CASING</td> <td style="width: 33%; border: none;"><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td style="border: none;"><input type="checkbox"/> CHANGE TUBING</td> <td style="border: none;"><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> CHANGE WELL STATUS</td> <td style="border: none;"><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td> <td style="border: none;"><input checked="" type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> DEEPEN</td> <td style="border: none;"><input type="checkbox"/> FRACTURE TREAT</td> <td style="border: none;"><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> OPERATOR CHANGE</td> <td style="border: none;"><input type="checkbox"/> PLUG AND ABANDON</td> <td style="border: none;"><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td style="border: none;"><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td style="border: none;"><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td style="border: none;"><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td style="border: none;"><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> TUBING REPAIR</td> <td style="border: none;"><input type="checkbox"/> VENT OR FLARE</td> <td style="border: none;"><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> WATER SHUTOFF</td> <td style="border: none;"><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td style="border: none;"><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td style="border: none;"><input type="checkbox"/> OTHER</td> <td style="border: none;">OTHER:</td> </tr> </table>		<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Newfield Production Company requests the approval to convert subject well to injection if damage seen from camera proves possible. Please see the attached file for project details. Contact Tom Walker at 303-383-4114 with any questions.																																
NAME (PLEASE PRINT) Sam Styles	PHONE NUMBER 303 893-0102	TITLE Engineering Tech																														
SIGNATURE N/A	DATE 7/1/2010																															

LA-14 -9-16 / 8-14-9-16 Work Plan

9 March 2009

Version 5

- 1) Tom to call and set up meeting with Ryan Angus at the BLM in Vernal. Done on 4 March. Plan is to meet on 18 March at 4 pm in Vernal BLM office.
- 2) Newfield to present collision events, well status and below plan to Ryan at the BLM office in Vernal. We are looking for agreement on plan before starting operations. We would also want to determine how much unsuccessful work would be required in the 8-14 well before we could stop the work and leave the well in its current condition.
- 3) MIRU on the LA-14. It is making +/- 18 BOPD and 92 BWPD. Pull completion and set CIBP within 100' of top perf to isolate perfs and in preparation of P&A if needed below in step 6.
- 4) MIRU on the 8-14 well. Pull kill string. RIH with open ended wash pipe w/cut rite on the inside and swallow the 2-7/8" stub looking up. Attempt to burn/wash over tubing with power swivel, trying to avoid damaging the LA-14 well and minimize further damage to the 8-14. Once successful in retrieving tubing and rods, run a scab liner and convert well to injection. Sand plug with calcium carbonate cap to be set over existing perfs to protect them and create a bottom for the cement job on the inner scab liner. Need to get approval from EPA for mono bore injector but we are doing this in proposed disposal well 2A-32-8-17.
- 5) If no hole/progress is made, run kill string and RDMO from the 8-14.
- 6) MIRU on the LA-14. Abandon LA-14 as per regulations. This P&A would include setting 100' of cement on CIBP set in step3 above, then set another 200' cement plug at the Trona depth (+/-3300'). The surface plug would not be completed at this time. Run a kill string and well head with freeze protected fluid. Place 200 psi pressure to be monitored via well head gauge during work on 8-14. RDMO.
- 7) MIRU on the 8-14. This time RIH with aggressive wash over pipe with cutters on the bottom. Attempt to burn/wash over tubing with power swivel while monitoring the LA-14 pressure. Attempt to pull tubing if enough depth was made. Also attempt to pull rods again. Fish completion. If tubing anchor will not come out, cut tubing right above and chase to bottom. We have enough rat hole for that. Run and cement scab liner as noted above.
- 8) MIRU on LA-14 and run camera to determine what damage if any has been caused by the work in 8-14. From this data, determine next steps if any in the LA-14. This could include simply returning the well to production to the extreme of full abandonment.

RECEIVED July 01, 2010

LA-14-9-16 deviated well
(8 DEG Inclination at
1100').
On production with beam
pump

Open hole log in LA-14
shows interference with 8-14
from 1085 to 1115' (+/-30').
Gyro data from both wells
shows 1.79' distance at 1100'.

Cement Top @ 2566'

8-14-9-16

Damaged by offset drilling of LA-14

Current 2-7/8" kill string set at +/- 943'.

Tubing chemical cut @ 950'

last tag depth with e-line in tubing +/- 973'

last tag depth with rods/overshot in tubing +/- 1025'

Parted 3/4" Rod +/- 1075' (parted rod highly damaged –
see pictures below)

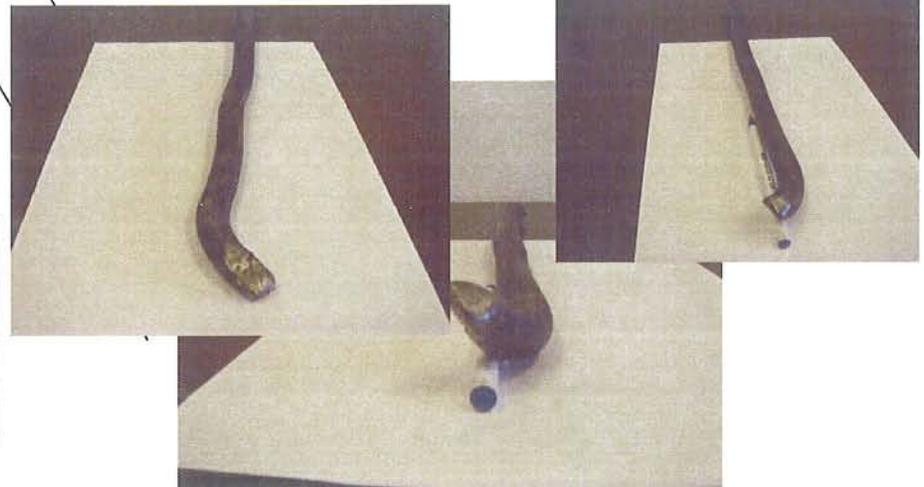
Surf Csg: 8 5/8 @ 304'

Prod Csg: 5 1/2 @ 5689' WT: 15.5#

Tbg: Size: 2 7/8" Wt: 6.5# Grd: M-50

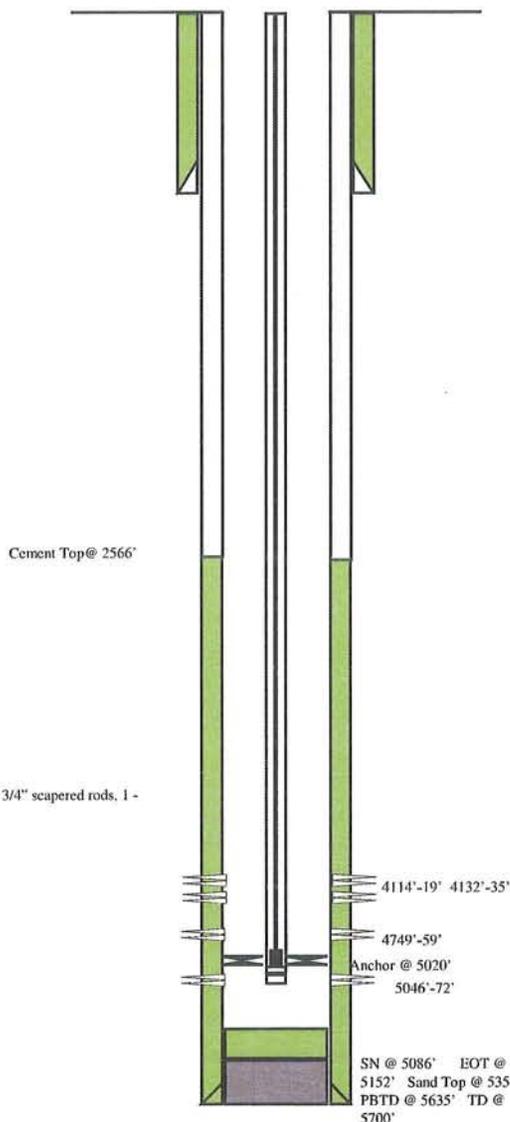
Tubing Anchor @ 5020' EOT @: 5152'

See attached original schematic for more details.



Jonah Unit #8-14

Wellbore Diagram



Spud Date: 5/22/98

Put on Production: 6/22/98 GL: 5607'

KB: 5617'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (290')

DEPTH LANDED: 291'

HOLE SIZE: 12-1/4"

CEMENT DATA: 120 sxs Premium cmt, est 1-1/2 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 133 jts. (5677')

DEPTH LANDED: 5688' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 320 sk Poz Type III mixed & 310 sxs Class G

CEMENT TOP AT: 2566' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#

NO. OF JOINTS: 161 jts

TUBING ANCHOR: 5020'

SEATING NIPPLE: 5-1/2" (1.10')

TOTAL STRING LENGTH: EOT @ 5152'

SN LANDED AT: 5086'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM

SUCKER RODS: 4 - 1-1/2" weight rods, 4-3/4" scraped, 97 - 3/4" plain rods, 97 - 3/4" scraped rods, 1 - 3/4" plain rod, 1 - 3/4" x 8' pony rod.

PUMP SIZE: 2-1/2" x 1-1/2" x 15 RHAC rod pump

STROKE LENGTH: 74"

PUMP SPEED: SPM: 6 SPM

LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

Initial Production: 159 BOPD, 133 MCFPD, 34 BWPD

FRAC JOB

6/13/98 5046'-5072' Frac A-3 sand as follows:
 114,000# 20/40 sand in 565 bbls Viking 1-25
 fluid. Perf Brokedown @ 3823 psi. Treated @ avg press of 1875 psi,
 w/avg rate of 30 BPM. ISIP: 2350 psi, 5-min 2100
 psi. Flowback on 12/64 choke for 3 hours and died.

6/16/98 4749'-4759' Frac C sand as follows:
 113,994# of 20/40 sand in 546 bbls Viking
 1-25 fluid. Perfs Brokedown @ 3032 psi. Treated @ avg press of
 2000 psi w/ avg rate of 28 bpm. ISIP: 2250 psi, 5-min
 2000 psi. Flowback on 12/64" choke for 3-1/2 hours and died.

6/18/98 4114'-4135' Frac GB sand as follows:
 96,580# 20/40 sand in 475 bbls Viking 1- 25
 fluid. Perfs brokedown @ 3387 psi. Treated @ avg press of 1850 psi
 w/avg rate of 24.5 BPM. ISIP 1850 psi, 5-min 1535
 psi. Flowback on 12/64" choke for 2-1/2 hours and died.

PERFORATION RECORD

6/13/98 5046'-5072' 2 JSPF 52 holes 6/15/98 4749'-4759'
 4 JSPF 40 holes 6/17/98 4114'-4119' 4 JSPF 20 holes
 6/17/98 4132'-4135' 4 JSPF 12 holes

RECEIVED July 01, 2010



Jonah Unit #8-14
 1882 FNL 773 FEL
 SENE Section 14-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32054; Lease #U-096550



Expro Americas, LLC
 1600 Broadway Suite 2400
 Denver, CO 80202
 303-832-2132
www.exprogroup.com

Downhole Video

Cost Quotation

Date: June 9th, 2010
Quote #: Newfield1
Engineer's Name: Tom Walker
Company: Newfield
Lease/Location: Duchesne
City/State/Zip: Utah
Job Type: Hawkeye 3 to view fish at +- 973'

Expro appreciates the opportunity to present this quotation for our services for your upcoming project.

Operation Charges	Qty.	Rate	Total
Setup charge (6 hr. minimum)	1	\$ 1,200.00	\$ 1,200.00
Video charge 0-5000' (minimum)	1	\$ 4,400.00	\$ 4,400.00
Video charge >5000'	0	\$ 0.50	\$ -
Operator charge per day	1	\$ 800.00	\$ 800.00

Mobilization/De-mobilization	Qty.	Rate	Total
Subsistence, per day	2	\$ 200.00	\$ 400.00
Travel, per day	2	\$ 800.00	\$ 1,600.00
Round Trip Mileage from Farmington, NM	380	\$ 1.25	\$ 475.00

Note: 72 hour notice required prior to start of job

Potential Additional Charges	Units	Rate	Total
Subsequent run(s) > 1 on the same day, per run		\$ 2,000.00	\$ -
Additional operating days (includes 1 run, 6 hr. minimum), per day		\$ 4,500.00	\$ -
Continuous operating > 6 hours, per hour		\$ 200.00	\$ -
Additional subsistence, per day		\$ 200.00	\$ -
Standby days at \$3600/day or \$150/hr, whichever is less		\$ 3,600.00	\$ -
ViewMax - sideviewing camera, per run		\$ 2,000.00	\$ -

Total Estimated Quote

\$ 8,875.00

These price are estimated and could change due to operational issues.

We appreciate the opportunity to quote the above equipment to perform this operation. As always, Expro strives to perform the quickest and safest operation possible. If you have any questions, please give us a call.

Sincerely,

Tony Olson
 Western US. Div. Sales Manager

David Lagan
 Rockies DHV Manager and job coordinator

Office: 303-832-2132
 Cell: 303-810-2882
 Direct: 303-542-1932

Office: 432-563-3484
 Cell: 432-553-0829

E-Mail: tony.olson@exprogroup.com

E-Mail: david.lagan@exprogroup.com

Notes

H2S Charge for equipment add 20% (when applicable)
 All charges are billed on Calendar day unless otherwise stated.
 Acceptance of this quotation acknowledges agreement to terms and conditions.
 Quotation is valid for 30 days from date of submission, plus availability of equipment and credit approval.

RECEIVED July 01, 2010

Please refer to additional well prep notes.

RECEIVED July 01, 2010



EXPRO

Expro Americas, LLC
1600 Broadway Suite 2400
Denver, CO 80202
303-832-2132
www.exprogroup.com

Downhole Video

Well Preparation Notes

Needed: Workover rig on well with workover string in good condition - avoid used rusty tubulars
Minimize pipe dope at each connection, light dope on pins only to avoid excess dope on ID
300 bbls of "drinking water clear" fresh water with ability to handle fluid volume returning to surface
Most direct way to pump from water truck into well - avoid contamination points in flow path
Consider filter in-line before pump to filter particulates, a 5 micron filter is preferred
Filter not needed if confident in clarity of source water coming from pump truck
Method to install e-line sheave in top of rig derrick structure close to monkey board
Pressure control equipment depending on well pressure, consult e-line company
Pump in T to enable pumping of clear water
Method to heat incoming water
72 hours notice prior to start of job

Procedure:

1. Before camera operation begins, pump at max rate with workstring spotted on the area of interest.
2. Pump 100-120 BBL Clear Water Pad heated to 180 Deg F in attempt to clear grease/hydrocarbons.
3. Install camera on weight bar / cablehead. Test for proper operation at surface.
4. Install Pressure Control Equipment with Camera inside Full Lubricator on wellhead.
5. Perform Pressure Control Equipment Testing as per company procedure
6. Bleed down Lubricator to Equalization Pressure/Open valve(s)/TIH Camera
7. As per Video Engineer pmpg 80-100 Deg F clear water at rates between 1-2 BPM
8. E-line Speed 100-150 FPM as per Newfield/Video Engineer, will depend on e-line seal
9. Video Engineer will request specific e-line speed/pump rates as to be determined by clarity
10. Stop for pull tests as per e-line company
11. Raise workstring 1'-2' before camera reaches bottom. This will allow nose of camera to peek out and view.
12. Video Record the area of interest as per co. rep. request
13. May be necessary to close backside at this point and dead head fluid to keep oil ingress down.
14. Dead heading will be at reduced pump rate - 1/2 to 1 BPM
15. Upon completion, POH no faster than 200 FPM

Camera Specs:

Max O.D. 1.69" (2.125" for ViewMax side view camera)
Length 8.6' plus weight bars/cablehead
Max Temp R 250 Deg F.
BHP Rating 10,000 psi

Please call if any questions.....Thanks..... David

Expro Down Hole Video

David Lagan D.M.

(432) 563-3484 ofc.(432) 553-0829 cell

david.lagan@exprogroup.com

RECEIVED July 01, 2010





July 15, 2010

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

RE: Permit Application for Water Injection Well
Jonah Unit #8-14-9-16
Monument Butte Field, Lease #UTU-096550
Section 14-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Jonah Unit #8-14-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg", with a long, sweeping horizontal line extending to the right.

Eric Sundberg
Regulatory Lead

RECEIVED

JUL 26 2010

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
JONAH UNIT #8-14-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-096550
JULY 15, 2010

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Jonah Unit #8-14

Spud Date: 5/22/98

Put on Production: 6/22/98
GL: 5607' KB: 5617'

Initial Production: 159 BOPD,
133 MCFPD, 34 BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (290')
DEPTH LANDED: 291'
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 1-1/2 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 133 jts. (5677')
DEPTH LANDED: 5688' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 320 sk Poz Type III mixed & 310 sxs Class G
CEMENT TOP AT: 2566' per CBL

TUBING

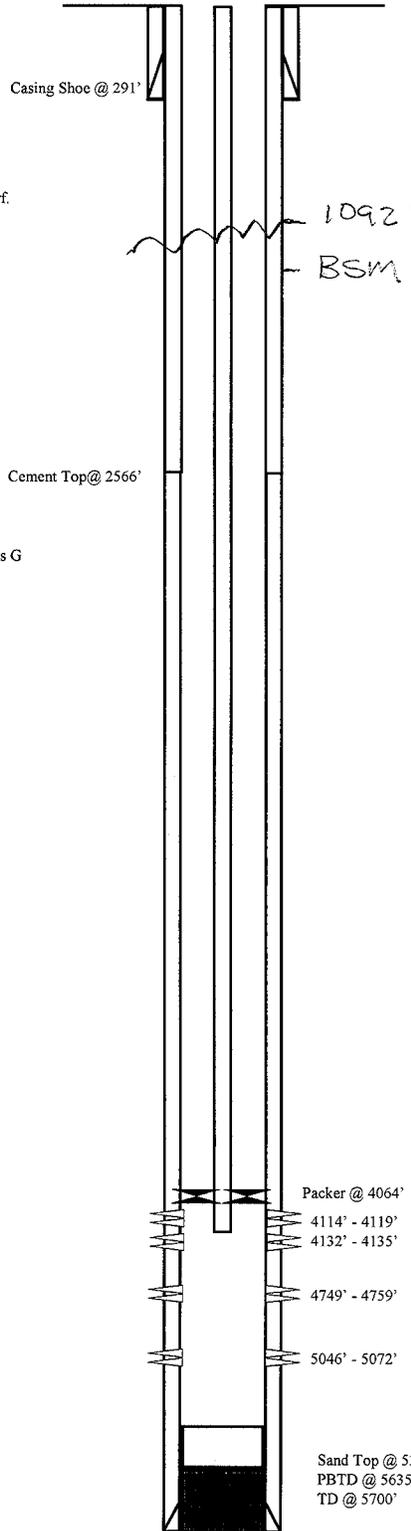
SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 161 jts
TUBING ANCHOR: 5020'
SEATING NIPPLE: 5-1/2" (1.10")
TOTAL STRING LENGTH: EOT @ 5152'
SN LANDED AT: 5086'

FRAC JOB

6/13/98 5046'-5072' **Frac A-3 sand as follows:**
114,000# 20/40 sand in 565 bbls Viking I-25 fluid. Perf Brokedown @ 3823 psi. Treated @ avg press of 1875 psi, w/avg rate of 30 BPM. ISIP: 2350 psi, 5-min 2100 psi. Flowback on 12/64" choke for 3 hours and died.

6/16/98 4749'-4759' **Frac C sand as follows:**
113,994# of 20/40 sand in 546 bbls Viking I-25 fluid. Perfs Brokedown @ 3032 psi. Treated @ avg press of 2000 psi w/ avg rate of 28 bpm. ISIP: 2250 psi, 5-min 2000 psi. Flowback on 12/64" choke for 3-1/2 hours and died.

6/18/98 4114'-4135' **Frac GB sand as follows:**
96,580# 20/40 sand in 475 bbls Viking I-25 fluid. Perfs brokedown @ 3387 psi. Treated @ avg press of 1850 psi w/avg rate of 24.5 BPM. ISIP 1850 psi, 5-min 1535 psi. Flowback on 12/64" choke for 2-1/2 hours and died.



PERFORATION RECORD

6/13/98	5046'-5072'	2 JSPF	52 holes
6/15/98	4749'-4759'	4 JSPF	40 holes
6/17/98	4114'-4119'	4 JSPF	20 holes
6/17/98	4132'-4135'	4 JSPF	12 holes



Jonah Unit #8-14
1882 FNL 773 FEL
SENE Section 14-T9S-R16E
Duchesne Co, Utah
API #43-013-32054; Lease #U-096550

JL 7/9/10
7/9/2010

WORK PROCEDURE FOR INJECTION CONVERSION

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

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

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

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

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

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

See Attachment A.

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

Approval is requested to convert the Jonah Unit #8-14-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

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

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

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

The injection zone is in the Green River Formation. For the Jonah Unit #8-14-9-16 well, the proposed injection zone is from Garden Gulch to Castle Peak (3878' - 5635'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3561' and the TD is at 5700'.

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

The referenced log for the Jonah Unit #8-14-9-16 is on file with the Utah Division of Oil, Gas and Mining.

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

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

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

See Attachment B.

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

See Attachment C.

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

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

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

This proposed injection well is on a Federal lease (Lease #UTU-096550) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

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

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**

- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

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

All logs are on file with the Utah Division of Oil, Gas and Mining.

 - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

 - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

 - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 291' KB, and 5-1/2", 15.5# casing run from surface to 5688' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

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

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

 - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1823 psig.

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

The minimum fracture gradient for the Jonah Unit #8-14-9-16, for existing perforations (4114' - 5072') calculates at 0.88 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 1823 psig. We may add additional perforations between 3561' and 5700'. See Attachments G and G-1.

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

In the Jonah Unit #8-14-9-16, the proposed injection zone (3878' - 5635') is in the Garden Gulch to the Castle Peak of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

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

See Attachments E through E-18.

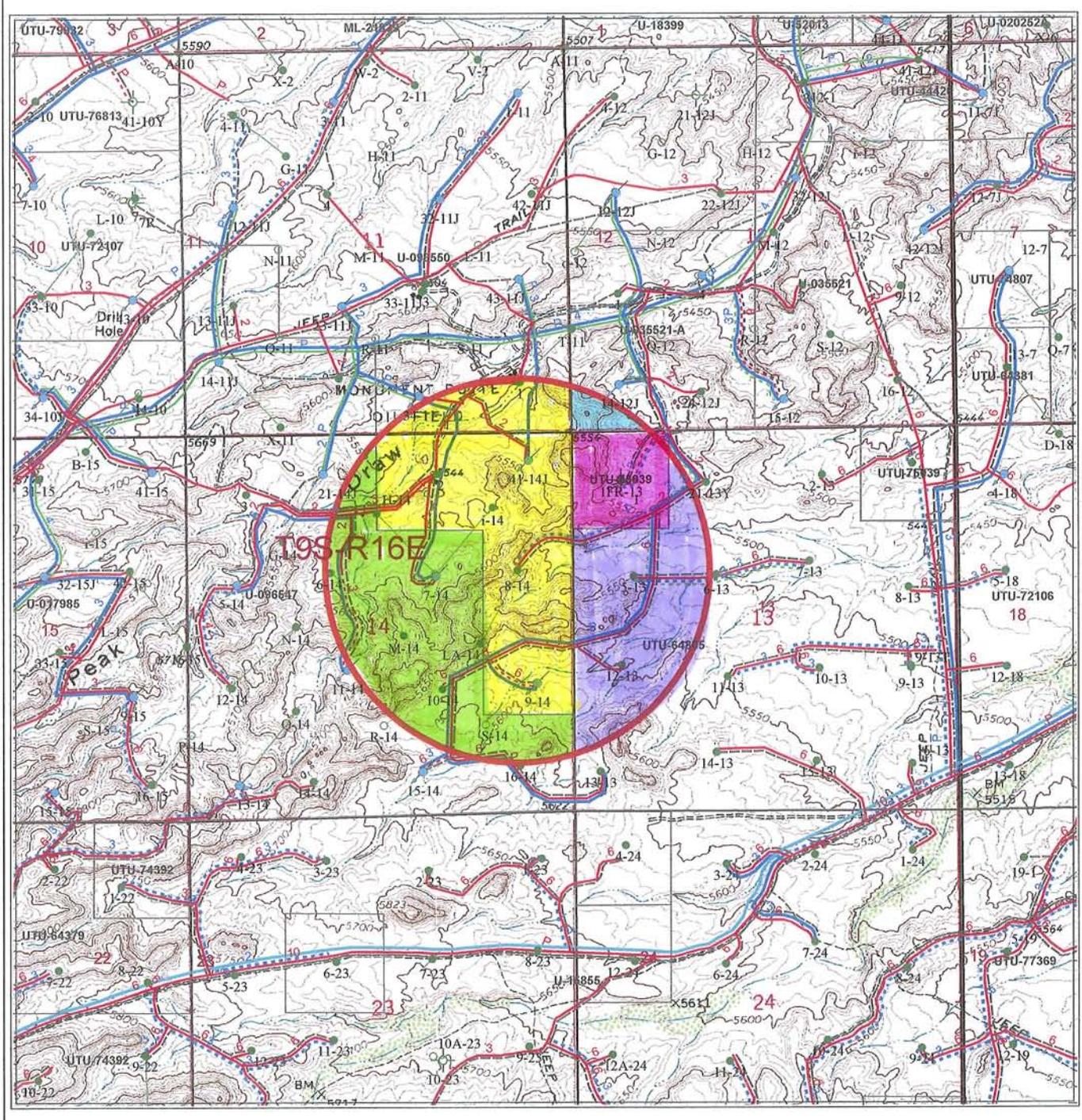
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

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

See Attachment C.

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

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



8-14-9-16 1/2mile radius

Well Status

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

Injection system

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

Leases

- Leases
- Mining tracts

Gas Pipelines

- Gathering lines
- Proposed lines

UTU-096550

UTU-096547

UTU-64805

UTU-75039

UTU-035521-A

ATTACHMENT A

Jonah Unit 8-14-9-16
Section 14, T9S-R16E

NEWFIELD

ROCKY MOUNTAINS

1" = 2000'

1/2 Mile Radius Map
Duchesne & Uintah Counties

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

June 22, 2010

ATTACHMENT A-1

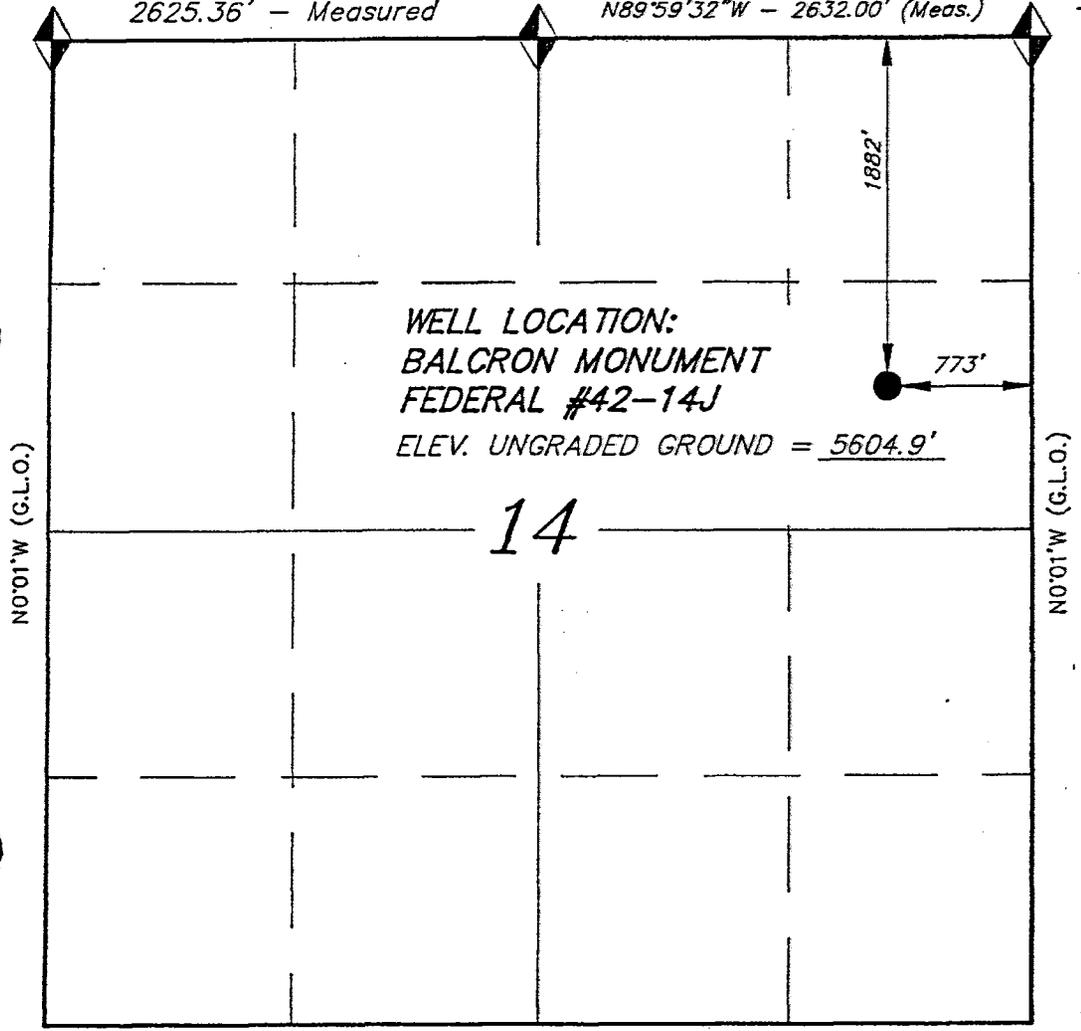
T9S, R16E, S.L.B.&M.

EQUITABLE RESOURCES ENERGY CO.

S89°59'W (G.L.O.) Basis of Bearings
2625.36' - Measured

N89°59'32"W - 2632.00' (Meas.)

WELL LOCATION, BALCRON MONUMENT FEDERAL #42-14J, LOCATED AS SHOWN IN THE SE 1/4 NE 1/4 OF SECTION 14, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

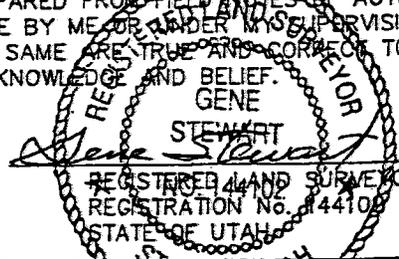


WELL LOCATION:
BALCRON MONUMENT
FEDERAL #42-14J
ELEV. UNGRADED GROUND = 5604.9'

14



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



TRI STATE LAND SURVEYING & CONSULTING
38 EAST 100 NORTH, VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: G.S. S.S.
DATE: 11-4-94	WEATHER: COOL
NOTES:	FILE #42-14J

◆ = SECTION CORNERS LOCATED
BASIS OF BEARINGS; G.L.O. DATED 1910
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	<u>Township 9 South, Range 16 East SLM</u> Section 11: E2, NW, NESW Section 12: NW Section 14: N2NE, SENE, NESE	USA UTU-096550 HBP	Newfield Production Company Newfield RMI LLC	USA
2	<u>Township 9 South, Range 16 East SLM</u> Section 11: W2SW, SESW Section 14: SWNE, W2, W2SE, SESE	USA UTU-096547 HBP	Newfield Production Company Newfield RMI LLC	USA
3	<u>Township 9 South, Range 16 East SLM</u> Section 13: NENW, NWNE, S2N2, S2	USA UTU-64805 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corporation Yates Drilling Company ABO Petroleum Corporation MYCO Industries, Inc.	USA

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
4	<u>Township 9 South, Range 16 East SLM</u> Section 13: NENE, NWNW	USA UTU-75039 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corporation Yates Drilling Company ABO Petroleum Corporation MYCO Industries, Inc.	USA
5	<u>Township 9 South, Range 16 East SLM</u> Section 12: SW	USA UTU-035521-A HBP	Newfield Production Company Newfield RMI LLC Carl B. Field Thomas J. Lambert Montana & Wyoming Oil Co. Vaughey & Vaughey Bonnie B. Warne John R. Warne	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Jonah Unit #8-14-9-16

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

Signed: 
Newfield Production Company
Eric Sundberg
Regulatory Lead

Sworn to and subscribed before me this 16th day of July, 2010.

Notary Public in and for the State of Colorado: Candice L. Twitty

My Commission Expires: 02/10/2013



Jonah Unit #8-14

Spud Date: 5/22/98

Put on Production: 6/22/98
GL: 5607' KB: 5617'

Initial Production: 159 BOPD,
133 MCFPD, 34 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (290')
DEPTH LANDED: 291'
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 1-1/2 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 133 jts. (5677')
DEPTH LANDED: 5688' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 320 sk Poz Type III mixed & 310 sxs Class G
CEMENT TOP AT: 2566' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 161 jts
TUBING ANCHOR: 5020'
SEATING NIPPLE: 5-1/2" (1.10')
TOTAL STRING LENGTH: EOT @ 5152'
SN LANDED AT: 5086'

SUCKER RODS

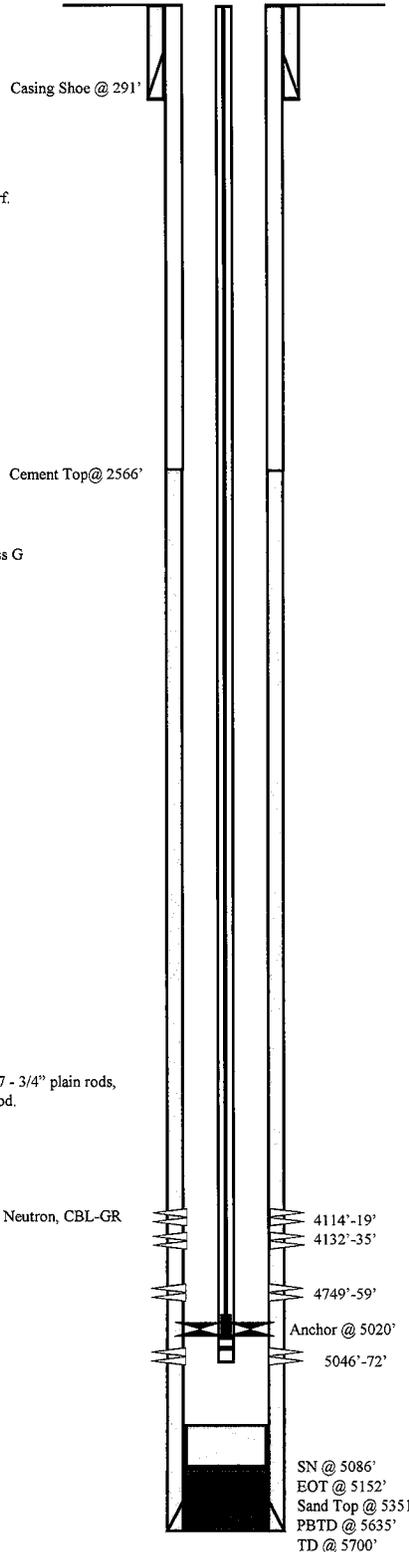
POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 4 - 1-1/2" weight rods, 4-3/4" scraped, 97 - 3/4" plain rods,
97 - 3/4" scraped rods, 1 - 3/4" plain rod, 1 - 3/4"x8" pony rod.
PUMP SIZE: 2-1/2" x 1-1/2" x 15 RHAC rod pump
STROKE LENGTH: 74"
PUMP SPEED, SPM: 6 SPM
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

6/13/98 5046'-5072' **Frac A-3 sand as follows:**
114,000# 20/40 sand in 565 bbls Viking I-25 fluid. Perf Brokedown @ 3823 psi. Treated @ avg press of 1875 psi, w/avg rate of 30 BPM. ISIP: 2350 psi, 5-min 2100 psi. Flowback on 12/64" choke for 3 hours and died.

6/16/98 4749'-4759' **Frac C sand as follows:**
113,994# of 20/40 sand in 546 bbls Viking I-25 fluid. Perfs Brokedown @ 3032 psi. Treated @ avg press of 2000 psi w/ avg rate of 28 bpm. ISIP: 2250 psi, 5-min 2000 psi. Flowback on 12/64" choke for 3-1/2 hours and died.

6/18/98 4114'-4135' **Frac GB sand as follows:**
96,580# 20/40 sand in 475 bbls Viking I-25 fluid. Perfs brokedown @ 3387 psi. Treated @ avg press of 1850 psi w/avg rate of 24.5 BPM. ISIP 1850 psi, 5-min 1535 psi. Flowback on 12/64" choke for 2-1/2 hours and died.



PERFORATION RECORD

6/13/98	5046'-5072'	2 JSPF	52 holes
6/15/98	4749'-4759'	4 JSPF	40 holes
6/17/98	4114'-4119'	4 JSPF	20 holes
6/17/98	4132'-4135'	4 JSPF	12 holes



Jonah Unit #8-14
1882 FNL 773 FEL
SENE Section 14-T9S-R16E
Duchesne Co, Utah
API #43-013-32054; Lease #U-096550

Monument Butte Federal #1-14-9-16

Spud Date: 11/17/82

Put on Production: 12/24/82

GL: 5472' KB: 5488'

Initial Production: 162 STBOPD,
100 MCFD, 0 STBWPD

Wellbore Diagram

SURFACE CASING

STRING: 1
SIZE: 8 5/8"
GRADE: J-55
WEIGHT: 24 lbs
LENGTH: 8 jts @ 323'
HOLE SIZE: 12 1/4"
DEPTH LANDED: 339' KB
CEMENT DATA: 225 sx, Class G

Casing Shoe @ 339'

Cement Top @ 1465'

PRODUCTION CASING

STRING: 1
SIZE: 5 1/2"
GRADE: J-55
WEIGHT: 15.5 lbs
LENGTH: 151 jts @ 5574'
HOLE SIZE: 7 7/8"
DEPTH LANDED: 5590' KB
CEMENT DATA: 325 sx, BJ Lite &
500 sx, Class G
CEMENT TOP AT: 1465' KB from CBL.

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 161 jts (5207.61')
TUBING ANCHOR: 5223.61' KB
NO. OF JOINTS: 1 jts (33.02')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5259.43' KB
NO. OF JOINTS: 2 jts (63.83')
TOTAL STRING LENGTH: EOT @ 5324.81' KB.

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' SM
SUCKER RODS: 1-4, 2-6', 1-8' x 3/4" pony rod, 201-3/4" scraped rods,
6-1 1/2" weight rods.
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 14' RHAC
STROKE LENGTH: 86"
PUMP SPEED, 5 1/2 SPM:

FRAC JOB

4485'- 4524', Frac w/Halliburton on 2/21/82.
28000 gal X-linked gel w/137000 lbs 20-40 mesh
sand. Avg 35 BPM @ 2305 psig, max @ 2470 psig, ISIP @ 2140 psig, 5 min @ 2030 psig, 10 min @ 1960 psig, 15 min @ 1920 psig.

4772'- 4776', Frac w/Halliburton on 12/16/82.
10500 gal X-linked gel w/45000 lbs 20-40 mesh
sand. Avg 25 BPM @ 2183 psig, max @ 2400 psig, ISIP @ 1950 psig, 5 min @ 1820 psig, 10 @ 1750 psig, 15 min @ 1740 psig min

5250'- 5258', Frac w/Halliburton on 12/13/82.
19000 gal X-linked gel w/50000 lbs 20-40 mesh
sand. Avg 20 BPM @ 1730 psig, max @ 1840 psig,
15 min SI @ 1070 psig. 10/31/05 4094-4100'

Recompletion. Rod & Tubing detail updated.

07-26-06

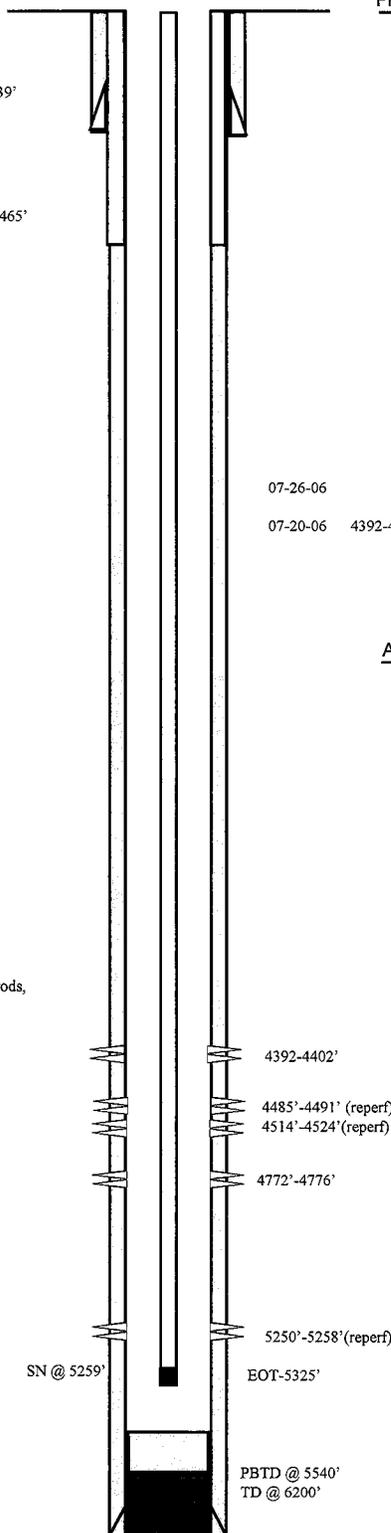
07-20-06 4392-4402'

Frac PB7 sands as follows:
58,060# 20/40 sand in 484 bbls
Lightning 17frac fluid. Treated @
avg press of 3670 psi w/avg rate
of 14.3 BPM. ISIP 2910 psi. Calc
flush: 2712 gal. Actual flush: 1050

ACID JOB

PERFORATION RECORD

4485'- 4491' (6') 1 SPF YELLOW4
4514'- 4524' (10') 1 SPF YELLOW5
4772'- 4776' (4') 4 SPF RED1
5250'- 5258' (8') 2 SPF GREEN4
07/14/06 5250-5258' 4 JSFP 32 holes
07/14/06 4514-4524' 4 JSFP 40 holes
07/14/06 4485-4491' 4 JSFP 24 holes
07/14/06 4392-4402' 4 JSFP 40 holes



NEWFIELD

Monument Butte Federal #1-14-9-16
820 FSL 820 FWL
SWSW Section I-T9S-R16E
Duchesne Co, Utah
API #43-013-30703; Lease #U-18399

Monument Fed. 41-14J-9-16

Spud Date: 12/01/93
 Put on Production: 1/07/94
 Put on Injection: 10/29/93
 GL: 5529' KB: 5539'

Initial Production: 20 BOPD,
 60 MCFD, 10 BWPD

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6 jts. (271.04')
 DEPTH LANDED: 279'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

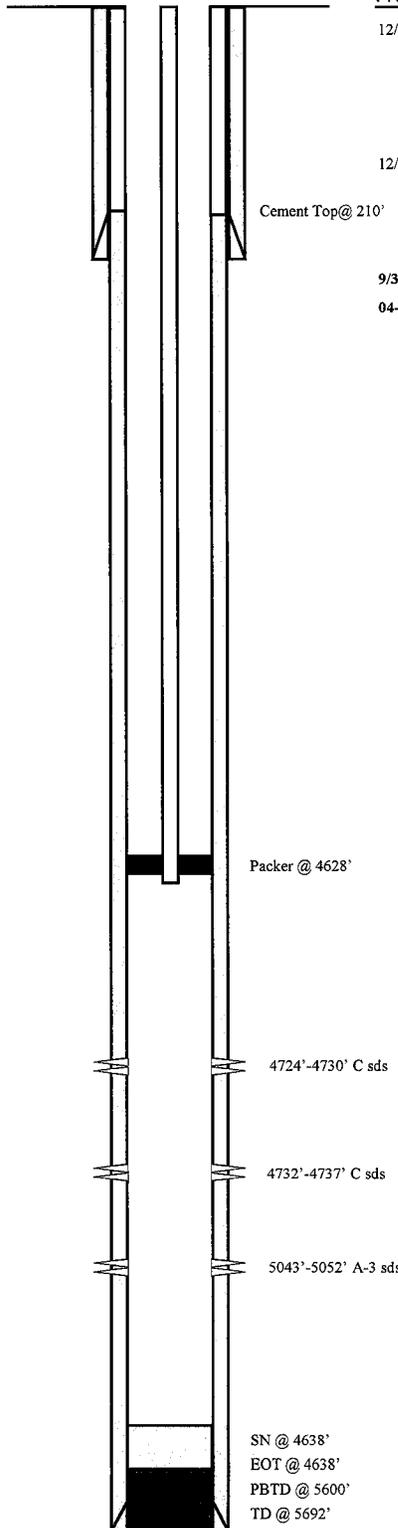
CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 131 jts. (5637.81')
 DEPTH LANDED: 5646.81' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 225 sxs Hi-Lift & 261 sxs Class "G".
 CEMENT TOP AT: 210' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 149 jts (4627.28')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4627.3' KB
 2 7/8" x 2 3/8" CROSS-OVER: 4628.4' KB
 PACKER: 4628.8' KB
 TOTAL STRING LENGTH: EOT @ 4638'

FRAC JOB

12/23/93	5043'-5052'	Frac sand as follows: 12,500# 20/40 sand + 6,500# 16/30 sand in 194 bbls 2% KCl fluid. Treated @ avg press of 2300 psi w/avg rate of 19 BPM. ISIP 2800 psi. Calc. flush: 5043 gal, Actual flush: 1344 gal. Screened out.
12/28/93	4724'-4737'	Frac sand as follows: 27,500# 16/30 sand in 354 bbls 2% KCl fluid. Treated @ avg press of 2100 psi w/avg rate of 19.5 BPM. ISIP 2100 psi. Calc. flush: 4724 gal, Actual flush: 4660 gal.
9/30/08		Zone Stimulation.
04-08-10		5 YR MIT



PERFORATION RECORD

12/22/93	5043'-5052'	2 JSPF	18 holes
12/28/93	4732'-4737'	2 JSPF	10 holes
12/28/93	4724'-4730'	2 JSPF	12 holes

NEWFIELD

Monument Fed. #41-14J-9-16
 363' FNL & 600' FEL
 NENE Section 14-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31410; Lease #U-096550

Pan American #1F USA 1-13-9-16

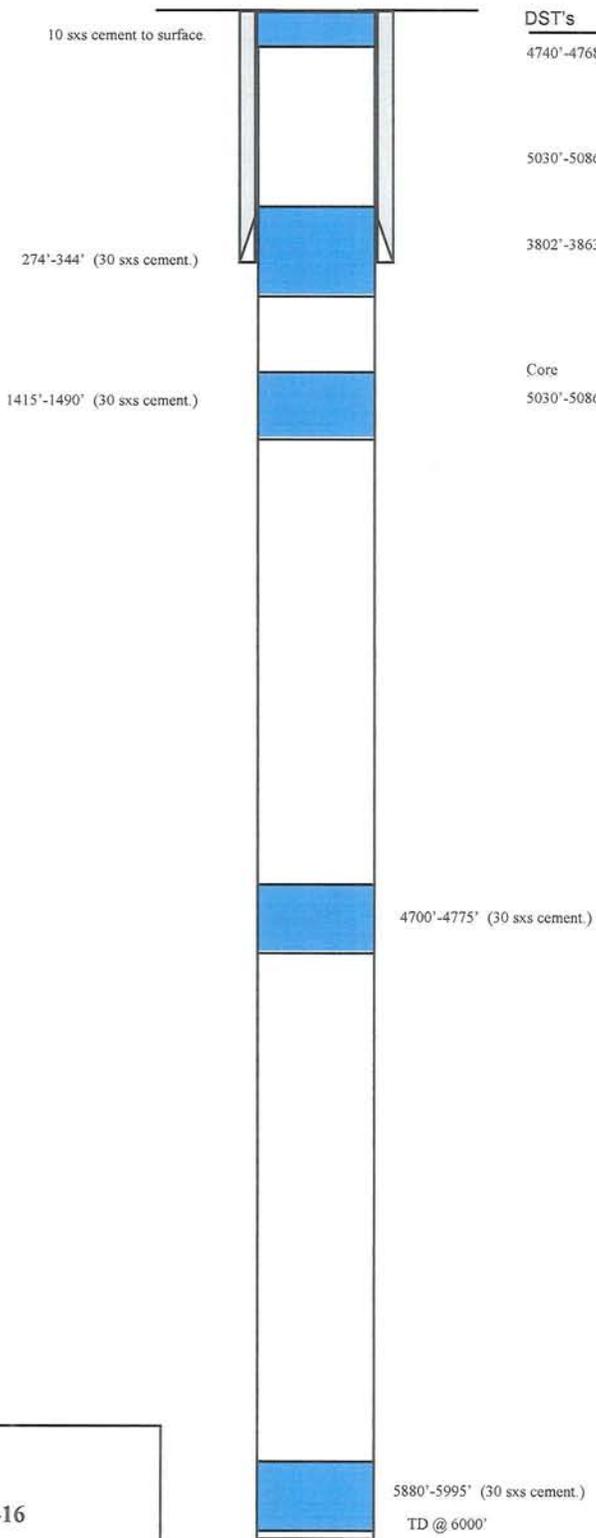
Spud Date: 6/03/64
P&A: 6/28/64

GL: 5528' KB: 5538'

SURFACE CASING

CSG SIZE: 10 3/4" / 32.75#
DEPTH LANDED: 309'
HOLE SIZE: 15"
CEMENT DATA: 230 sxs cement.
HOLE SIZE to 6000': 10"

P&A Wellbore Diagram



DST's

4740'-4768'	Shut in 30 min., open 90 min., shut in 1 hr., immediate strong blow throughout, gas to surface in 35 min., TSTM. Recovered 20' sli. Gas cut mud. FP-18.9-18.9#, SIP- 1298-782#, HP- 2266-2266#.
5030'-5086'	Shut in 30 min., open 1 hr., shut in 1 hr., very weak blow, died in 10 min., recovered 5' mud with scum of oil, FP- 21-21#, HP- 2501-2501#.
3802'-3863' (Straddle packer)	Shut in 1 hr., open 90 min., shut in 1 hr., open 20 min. On initial open had weak blow with slight increase at 20 min. On final open had very weak blow for 12 min, recovered 561' mud with no show, FP-228-290#, SIP-1429-1305#, HP- 1862-1868#.
Core	
5030'-5086'	Recovered 56'. (18' silt, brown oil stain, 18' shale, lt gray silty, no show, 5' sand, very fine grained, black stain, tite, bleeding oil, 3' shale, 2' silt, 2 1/2' sand, very fine grained, black oil stain, hard, tite, vertical fractures, slight bleeding, 7 1/2' shale, dark gray, interbedded with silt.)

NEWFIELD



Pan American #1FR-9-16

663' FNL & 663' FWL
NW/NW Section 13-T9S-R16E
Duchesne Co, Utah
API #43-013-10822; Lease #UTU-75039

Federal 5-13-9-16

Spud Date: 09/22/05
 Put on Production: 11/08/05
 GL: 5538' KB: 5550'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (301.7')
 DEPTH LANDED: 312.6' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

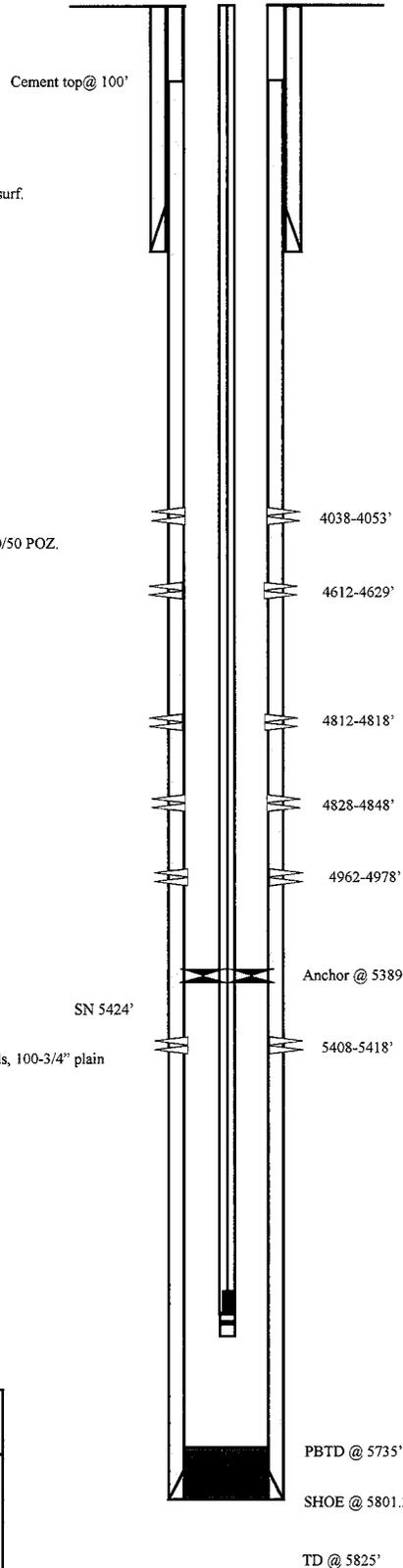
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 135 jts. (5802.05')
 DEPTH LANDED: 5801.3' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP: 100'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 165jts (5377.30')
 TUBING ANCHOR: 5389.30' KB
 NO. OF JOINTS: 1 jts (32.56')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5424.66' KB
 NO. OF JOINTS: 2 jts (65.13')
 TOTAL STRING LENGTH: EOT @ 5491.34' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-4' x 3/4" pony rod, 101-3/4" scraped rods, 100-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 15" RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, 5 SPM:



FRAC JOB

11/01/05	5408-5418'	Frac CP1 sands as follows: 34070# 20/40 sand in 392 bbls Lightning 17 frac fluid. Treated @ avg press of 1933 psi w/avg rate of 24.7 BPM. ISIP 2200 psi. Calc flush: 5406 gal. Actual flush: 5124 gal.
11/01/05	4962-4978'	Frac A1 sands as follows: 89150# 20/40 sand in 655 bbls Lightning 17 frac fluid. Treated @ avg press of 1591 psi w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc flush: 4960 gal. Actual flush: 4746 gal.
11/04/05	4812-4848'	Frac B1, B2 sands as follows: 158872# 20/40 sand in 1078 bbls Lightning 17 frac fluid. Treated @ avg press of 1550 psi w/avg rate of 24.7 BPM. ISIP 2000 psi. Calc flush: 4810 gal. Actual flush: 4582 gal.
11/02/05	4612-4629'	Frac D2 sands as follows: 29350# 20/40 sand in 344 bbls Lightning 17 frac fluid. Treated @ avg press of 1762 psi w/avg rate of 24.8 BPM. ISIP 2000 psi. Calc flush: 4610 gal. Actual flush: 4326 gal.
11/02/05	4038-4053'	Frac GB6 sands as follows: 83194# 20/40 sand in 585 bbls Lightning 17 frac fluid. Treated @ avg press of 1388 psi w/avg rate of 24.7 BPM. ISIP 1900 psi. Calc flush: 4036 gal. Actual flush: 3944 gal.
9/16/09		Pump Change. Updated rod & tubing details.

PERFORATION RECORD

11/01/05	5408-5418'	4 JSPF	40 holes
11/01/05	4962-4978'	4 JSPF	64 holes
11/01/05	4828-4848'	4 JSPF	80 holes
11/01/05	4812-4818'	4 JSPF	24 holes
11/02/05	4612-4629'	4 JSPF	68 holes
11/02/05	4038-4053'	4 JSPF	60 holes

NEWFIELD

Federal 5-13-9-16

1981' FNL & 820' FWL

SW/NW Section 13-T9S-R16E

Duchesne Co, Utah

API #43-013-32658; Lease #UTU-64805

Federal 6-13-9-16

Spud Date: 09/26/2005
 Put on Production:
 GL: 5514' KB: 5526'

Wellbore Diagram

Shut In

FRAC JOB

03-2006

Operations Suspended

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (302.62')
 DEPTH LANDED: 313.52'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt

Cement Top @ '

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 132 jts. (5800.13')
 HOLE SIZE: 7-7/8"
 TOTAL DEPTH: 5813.38"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT:

TUBING

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

SUCKER RODS

POLISHED ROD:
 SUCKER RODS:
 PUMP SIZE:
 STROKE LENGTH:
 PUMP SPEED: SPM

SN @ '

Anchor @ '

EOT @ '

PBTD @ '

TD @ '

PERFORATION RECORD

NEWFIELD



Federal 6-13-9-16
 1794' FNL & 1960' FWL (SE/NW)
 Section 13, T9S, R16E
 Duchesne Co, Utah
 API # 43-013-32657; Lease # UTU-64805

Federal 12-13-9-16

Spud Date: 9-29-05
 Put on Production: 11-23-05
 GI: 5490' KB: 5502'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (304.74')
 DEPTH LANDED: 315.64' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 133 jts (5714.51')
 DEPTH LANDED: 5668.64' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP AT: 250'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 166 jts (5345.76')
 TUBING ANCHOR: 5357.76' KB
 NO. OF JOINTS: 2 jts (63.23')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5423.79' KB
 NO. OF JOINTS: 2 jts (62.44')
 TOTAL STRING LENGTH: EOT @ 5487.78' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-2" X 3/4" pony rods, 100-3/4" scraped rods, 100-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM

FRAC JOB

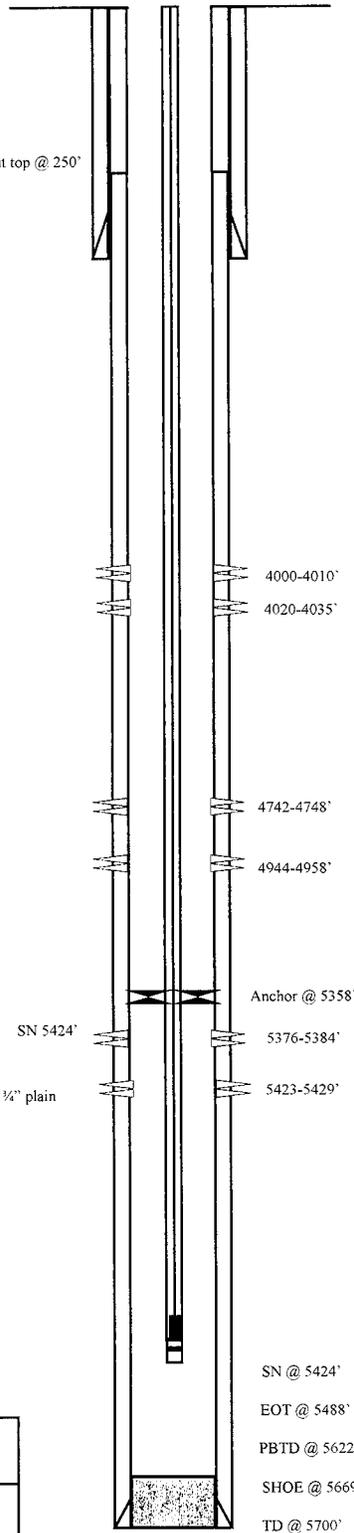
11-16-05 5376-5429' **Frac CP1, CP2 sands as follows:**
 50812# 20/40 sand in 434 bbls Lightning 17 frac fluid. Treated @ avg press of 2030 psi w/avg rate of 25.1 BPM. ISIP 2250 psi. Calc flush: 5374 gal. Actual flush: 5078 gal.

11-16-05 4944-4958' **Frac A1 sands as follows:**
 80407# 20/40 sand in 591 bbls Lightning 17 frac fluid. Treated @ avg press of 2025 psi w/avg rate of 25 BPM. ISIP 2270 psi. Calc flush: 4942 gal. Actual flush: 4700 gal.

11-17-05 4742-4748' **Frac B.5 sands as follows:**
 25030# 20/40 sand in 323 bbls Lightning 17 frac fluid. Treated @ avg press of 2055 psi w/avg rate of 25.1 BPM. ISIP 1980 psi. Calc flush: 4740 gal. Actual flush: 4746 gal.

11-17-05 4000-4035' **Frac GB4, & GB6 sands as follows:**
 112538# 20/40 sand in 755 bbls Lightning 17 frac fluid. Treated @ avg press of 1673 w/ avg rate of 25.2 BPM. ISIP 1850 psi. Calc flush: 3998 gal. Actual flush: 3906 gal.

9/17/09 Pump Change. Updated rod & tubing details



PERFORATION RECORD

Date	Interval	Tool	Holes
11-04-05	5423-5429'	4 JSPF	24 holes
11-04-05	5376-5384'	4 JSPF	32 holes
11-16-05	4944-4958'	4 JSPF	56 holes
11-16-05	4742-4748'	4 JSPF	24 holes
11-17-05	4020-4035'	4 JSPF	60 holes
11-17-05	4000-4010'	4 JSPF	40 holes

NEWFIELD

Federal 12-13-9-16

2018' FSL & 651' FWL

NW/SW Section 13-T9S-R16E

Duchesne Co, Utah

API #43-013-32651; Lease #UTU-64805

Jonah Federal 9-14-9-16

Spud Date: 05/13/05
 Put on Production: 06/15/05
 GL: 5571' KB: 5583'

Initial Production: 46 BOPD,
 111 MCFPD, 45 BWPD

Injection Wellbore Diagram

SURFACE CASING

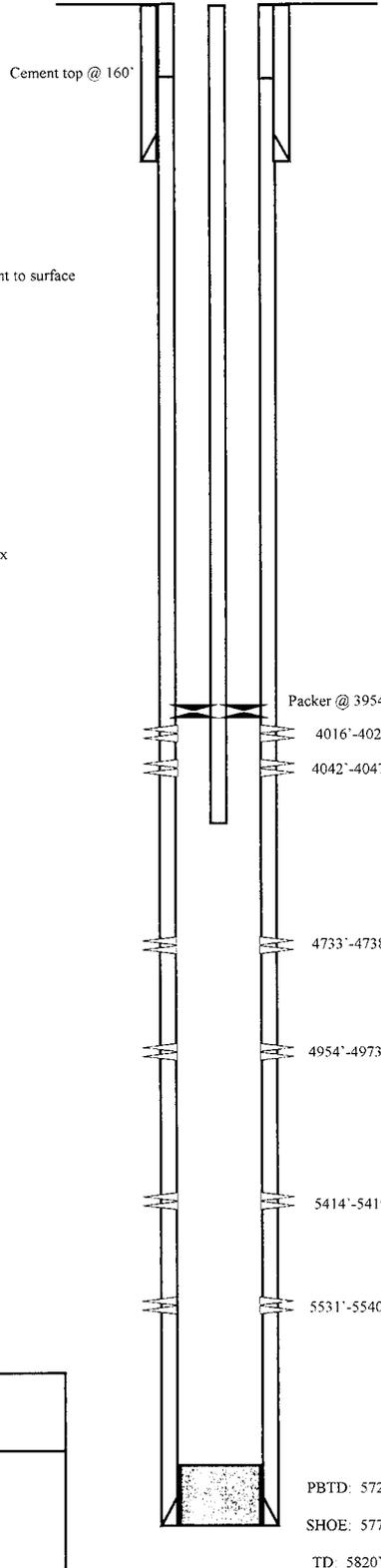
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (304.57')
 DEPTH LANDED: 314.57'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sks Class "G" cement, est. 6 bbls cement to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 136 jts. (5772.05')
 DEPTH LANDED: 5770.05' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sks Prem Lite II, 400 sks 50-50 Poz mix
 CEMENT TOP @ 160'

TUBING

SIZE/GRADE/WT.: 2 7/8" / 6.5# / J-55
 NO. OF JOINTS: 121 jts (3937.79')
 NO. OF JOINTS: 1 jt. (32.55')
 SN LANDED AT: 1.10' (5546.06')
 NO. OF JOINTS: 2 jts (65.66')
 TOTAL STRING LENGTH EOT: 3958'



FRAC JOB

06/07/05	5414'-5540'	Frac CP4 and CP2 sand as follows: 40,739#s of 20/40 sand in 416 bbls lightning 17 frac fluid. Treated w/avg press of 1595 psi, w/avg rate of 24.9 bpm. ISIP 1780 psi. Calc flush: 5412 gal. Actual flush: 5166 gal.
06/07/05	4954'-4973'	Frac A3 sand as follows: 70,185#s of 20/40 sand in 538 bbls lightning 17 frac fluid. Treated w/avg press of 1763 psi. ISIP 2170 psi. Calc flush: 4952 gal. Actual flush: 4704 gal.
06/08/05	4733'-4738'	Frac B1 sand as follows: 20,210#s of 20/40 sand in 253 bbls lightning 17 frac fluid. Treated w/avg press of 2085 psi, w/ avg rate of 24.8 bpm. ISIP 2050 psi. Calc flush: 4731 gal. Actual flush: 4494 gal.
06/08/05	4016'-4047'	Frac GB6 sand as follows: 38,754#s of 20/40 sand in 347 bbls lightning 17 frac fluid. Treated w/avg press of 1704 psi w/avg rate of 24.7 bpm. ISIP 1840 psi. Calc flush: 4014 gal. Actual flush: 3948 gal.
10-23-06		Well Converted to Injection Well.
11-10-06		MIT to complete Conversion.

PERFORATION RECORD

06/01/05	5531'-5540'	4 JSPF	36 holes
06/01/05	5414'-5419'	4 JSPF	20 holes
06/07/05	4954'-4973'	4 JSPF	76 holes
06/07/05	4733'-4738'	4 JSPF	20 holes
06/08/05	4042'-4047'	4 JSPF	20 holes
06/08/05	4016'-4024'	4 JSPF	32 holes

NEWFIELD

Jonah Federal 9-14-9-16

1785' FSL & 508' FEL
 NE/SE Section 14-T9S-R16E
 Duchesne Co, Utah
 API 43-013-32661; Lease UTU-096550

Jonah Federal 10-14-9-16

Spud Date: 5-18-05
 Put on Production: 6-23-05
 GL: 5607' KB: 5619'

Initial Production: 55 BOPD,
 22 MCFD, 232 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (303')
 DEPTH LANDED: 314.85' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts (5796.74')
 DEPTH LANDED: 5809.99' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 310 sxs Prem. Lite II & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 90'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55
 NO. OF JOINTS: 156 jts (5079.07')
 TUBING ANCHOR: 5091.07' KB
 NO. OF JOINTS: 2 jts (64.14')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5158.01' KB
 NO. OF JOINTS: 2 jts (65.04')
 TOTAL STRING LENGTH: EOT @ 5224.60' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rods
 SUCKER RODS: 1-8', 1-6' & 1-2' 3/4" ponies, 99- 3/4" scraped rods, 90-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weighted rods.
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 14 1/2" RHAC w/ SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED: 4.5 SPM

FRAC JOB

6-15-05 5109-5139' **Frac L.ODC sand as follows:**
 40770#'s 20/40 sand in 380 bbls Lightning
 17 frac fluid. Treated @ avg press of 3040 psi
 w/avg rate of 24.3 BPM. ISIP 2950 psi. Calc
 flush: 5107 gal. Actual flush: 4872 gal.

6-15-05 4980-5007' **Frac A3 sand as follows:**
 110,559#'s 20/40 sand in 774 bbls Lightning
 17 frac fluid. Treated @ avg press of 1950 psi
 w/avg rate of 24.8 BPM. ISIP 2250 psi. Calc
 flush: 4978 gal. Actual flush: 4746 gal.

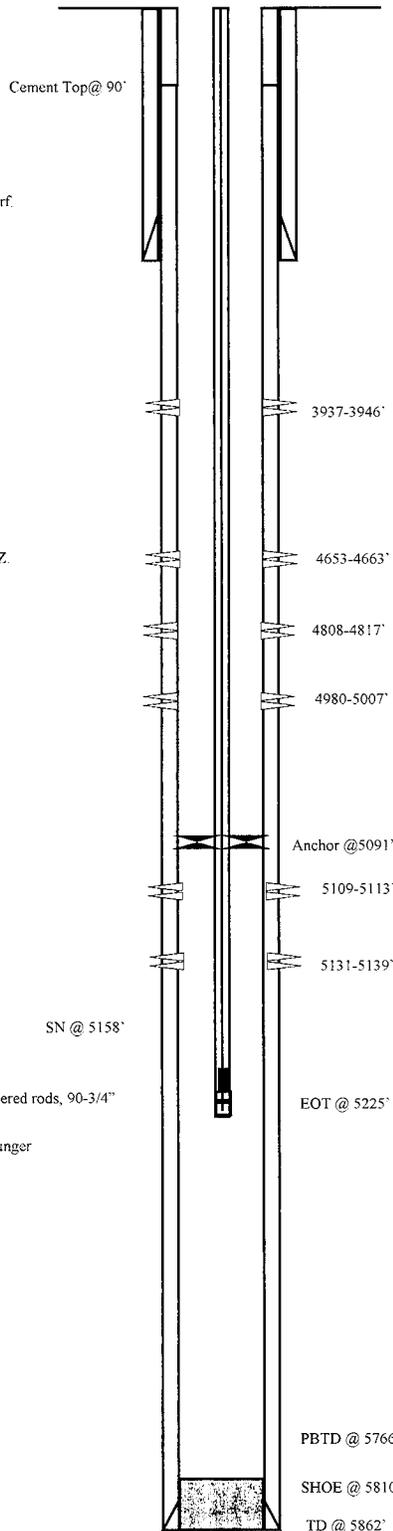
6-16-05 4808-4817' **Frac B2, sand as follows:**
 40877#'s 20/40 sand in 371 bbls Lightning
 17 frac fluid. Treated @ avg press of 2399 psi
 w/avg rate of 25.1 BPM. ISIP 2300 psi. Calc
 flush: 4806 gal. Actual flush: 4536 gal.

6-16-05 3937-3946' **Frac GB2 sand as follows:**
 29376#'s 20/40 sand in 281 bbls Lightning
 17 frac fluid. Treated @ avg press of 1585 psi
 w/avg rate of 14.3 BPM. ISIP 2100 psi. Calc
 flush: 3935 gal. Actual flush: 3864 gal.

04/24/06 Pump Change: Update rod and tubing details
 6/11/08 Pump Change: Updated rod and tubing detail

PERFORATION RECORD

Date	Interval	Tool	Holes
6-10-05	5109-5113"	4 JSPF	16 holes
6-10-05	5131-5139"	4 JSPF	32 holes
6-13-05	4808-4817"	4 JSPF	36 holes
6-13-05	4980-5007"	4 JSPF	108 holes
6-16-05	3937-3946"	4 JSPF	36 holes
6-16-05	4653-4663"	4 JSPF	40 holes



NEWFIELD

Jonah Federal 10-14-9-16
 1730' FSL & 1820' FEL
 NW/SE Section 14-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32662; Lease #UTU-96547

Jonah Fed LA-14-9-16

Spud Date: 12/19/2008
Put on Production: 1/27/2009

GL: 5606' KB: 5618'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (315.79')
DEPTH LANDED: 326.79' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sx class 'g' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 158 jts (6228.67')
DEPTH LANDED: 6045.44'
HOLE SIZE: 7-7/8"
CEMENT DATA: 280 sx primlite and 415 sx 50/50 poz
CEMENT TOP AT: 104'

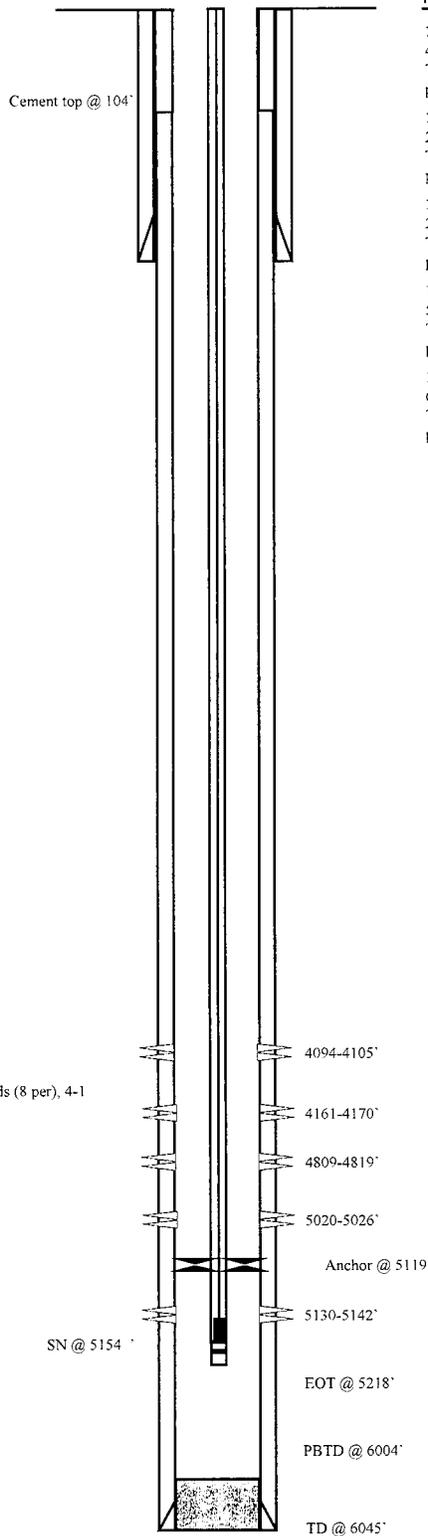
TUBING

SIZE/GRADE/WT: 2-7/8" / J-55
NO. OF JOINTS: 162 jts (5107.33')
TUBING ANCHOR: 5119.33' KB
NO. OF JOINTS: 1 jt (31.63')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5153.76' KB
NO. OF JOINTS: 2 jts (63.12')
TOTAL STRING LENGTH: EOT @ 5218.43'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod
SUCKER RODS: 1-2', 8' x 7/8" pony subs, 201-7/8" guided rods (8 per), 4-1 1/2" weight bars, shear coupler
PUMP SIZE: 1 1/2" x 1 3/4" x 20' RHAC central hydraulic pump
STROKE LENGTH: 122"
PUMP SPEED, SPM: 5

Wellbore Diagram



FRAC JOB

1/20/09 5130-5142' Frac A3 sds as follows:
49,252# 20/40 sand in 460 bbls of Lightning 17 fluid. Broke @ 2780 psi.
Treated w/ ave pressure of 2065 psi w/ ave rate of 22.9 BPM. ISIP 2290 psi. Actual flush: 4624 gals

1/20/09 5020-5026' Frac A.5 sds as follows:
24,711# 20/40 sand in 367 bbls of Lightning 17 fluid. Broke @ 4040 psi.
Treated w/ ave pressure of 2423 psi w/ ave rate of 22.9 BPM. ISIP 2411 psi. Actual flush: 4515 gals

1/20/09 4809-4819' Frac C sds as follows:
24,955# 20/40 sand in 350 bbls of Lightning 17 fluid. Broke @ 3045 psi.
Treated w/ ave pressure of 2300 psi w/ ave rate of 23.0 BPM. ISIP 3472 psi. Actual flush: 4221 gals

1/20/09 4161-4170' Frac GB6 sds as follows:
55,178# 20/40 sand in 477 bbls of Lightning 17 fluid. Broke @ 3936 psi.
Treated w/ ave pressure of 1800 psi w/ ave rate of 23.2 BPM. ISIP 1734 psi. Actual flush: 3738 gals.

1/20/09 4094-4105' Frac GB4 sds as follows:
69,186# 20/40 sand in 552 bbls of Lightning 17 fluid. Broke @ 2614 psi.
Treated w/ ave pressure of 2200 psi w/ ave rate of 23.1 BPM. ISIP 1915 psi. Actual flush: 4007 gals.

PERFORATION RECORD

1/20/09	4094-4105'	4 JSPP	44 holes
1/20/09	4161-4170'	4 JSPP	36 holes
1/20/09	4809-4819'	4 JSPP	40 holes
1/20/09	5020-5026'	4 JSPP	24 holes
1/20/09	5130-5142'	4 JSPP	48 holes



Jonah LA-14-9-16

1906' FNL & 732' FEL
SE/NE Section 14-T9S-R16E
Duchesne Co. Utah

API # 43-013-34164 ; Lease # UTU-096550

Jonah Federal M-14-9-16

Spud Date: 01/14/2010
 Put on Production: 02/19/2010
 GL: 5589' KB: 5601'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (308.53')
 DEPTH LANDED: 320'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

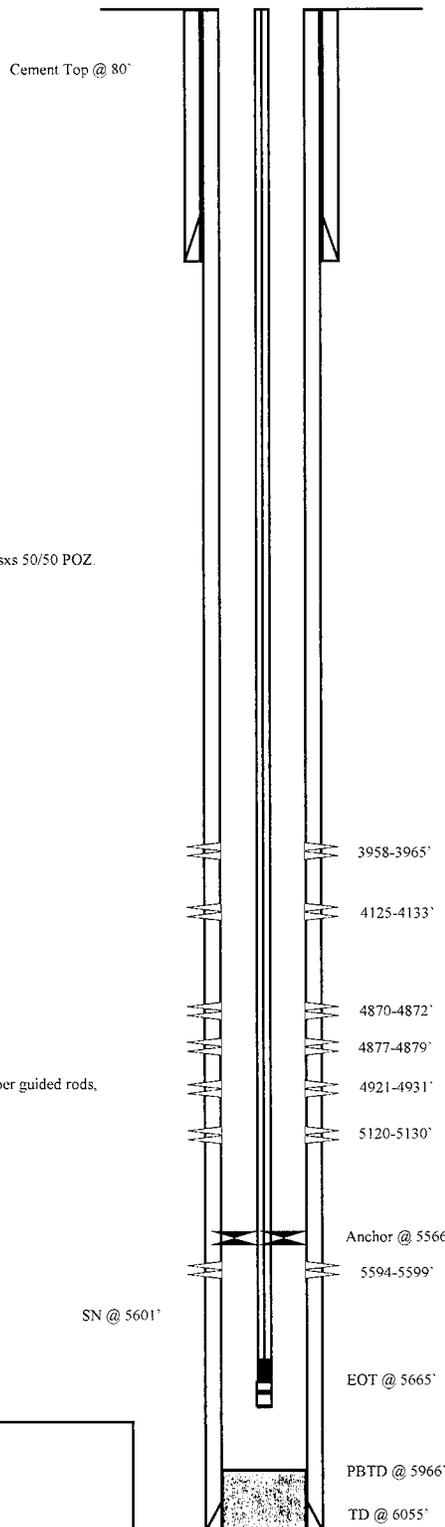
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts (6028.58')
 HOLE SIZE: 7-7/8"
 TOTAL DEPTH: 6041.83'
 CEMENT DATA: 260 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 80'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 177 jts (5554.3')
 TUBING ANCHOR: 5566'
 NO. OF JOINTS: 1 jts (31.4')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5600.6' KB
 NO. OF JOINTS: 2 jts (63')
 TOTAL STRING LENGTH: EOT @ 5665'

SUCKER RODS

POLISHED ROD: 1-1/2" x 30'
 SUCKER RODS: 1 - 6' x 7/8" pony rods, 219 - 7/8" 8per guided rods,
 4 - 1 1/2" weight bars
 PUMP SIZE: 2 1/2 x 1 1/2 x 17' x 24' RHAC
 STROKE LENGTH: 144
 PUMP SPEED: SPM 5



FRAC JOB

02-19-10	5594-5599'	Frac CP2 sands as follows: Frac with 9412# 20/40 sand in 62 bbls Lightning 17 fluid
02-19-10	5120-5130'	Frac A3 sands as follows: Frac with 45196# 20/40 sand in 214 bbls Lightning 17 fluid
02-19-10	4870-4931'	Frac B1 & B2 sands as follows: Frac with 75309# 20/40 sand in 331 bbls Lightning 17 fluid.
02-19-10	4125-4133'	Frac GB4 sands as follows: Frac with 24572# 20/40 sand in 151 bbls Lightning 17 fluid.
02-19-10	3958-3965'	Frac GB2 sands as follows: Frac with 12499# 20/40 sand in 71 bbls Lightning 17 fluid

PERFORATION RECORD

5594-5599'	3 JSPF	15 holes
5120-5130'	3 JSPF	30 holes
4921-4931'	3 JSPF	30 holes
4877-4879'	3 JSPF	6 holes
4870-4872'	3 JSPF	6 holes
4125-4133'	3 JSPF	24 holes
3958-3965'	3 JSPF	21 holes

NEWFIELD

Jonah Federal M-14-9-16
 1878' FNL & 1949' FWL (SE/NW)
 Section 14, T9S, R16E
 Duchesne Co, Utah
 API # 43-013-33812; Lease # UTU-096547

Jonah 6-14-9-16

Spud Date: 6/10/03
Put on Production: 3/19/04

GL: 5593' KB:5605'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (300.71')
DEPTH LANDED: 310.71' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts (5854.02')
DEPTH LANDED: 5852.52' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 320 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 292'

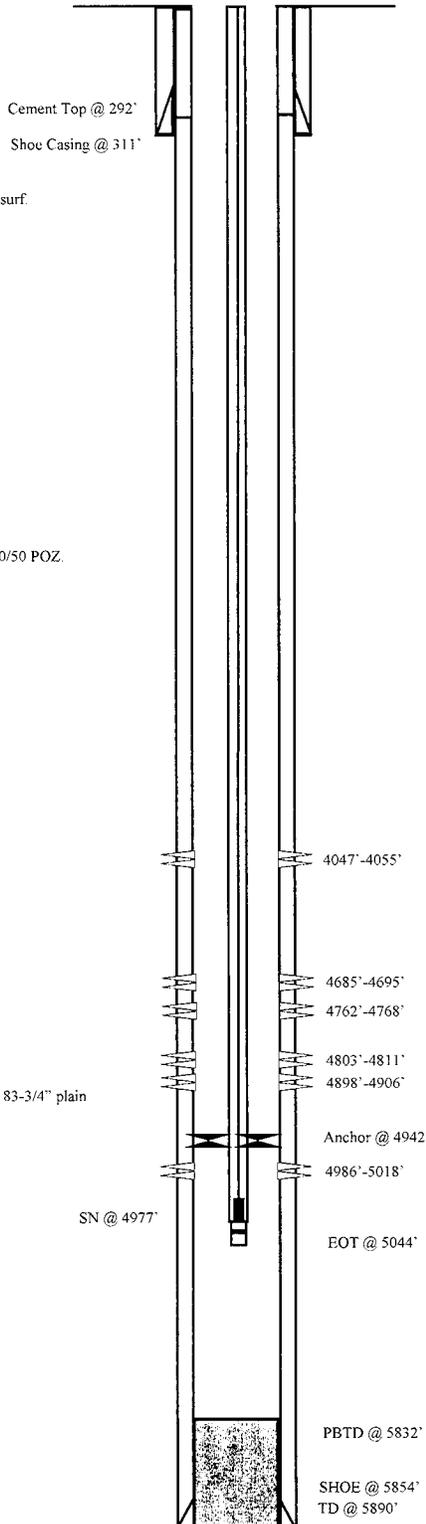
TUBING

SIZE/GRADE/AWT: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 150 jts (4929.09')
TUBING ANCHOR: 4941.59' KB
NO. OF JOINTS: 1 jts (33.02')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4977.41' KB
NO. OF JOINTS: 2 jts (65.08')
TOTAL STRING LENGTH: EOT @ 5044.04' w/12.5 KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22"
SUCKER RODS: 6-1 1/2" weight bars, 10-3/4" scraped rods, 83-3/4" plain rods, 99-3/4" scraped rods, 1-8", 1-6", 1-2" x 3/4" pony rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 16" RHAC w/ SM Plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 6 SPM
LOGS: DIGL/SP/GR/CAL

Wellbore Diagram



Initial Production: 147 BOPD,
140 MCFD, 9 BWPD

FRAC JOB

3/11/04 4986'-5018' **Frac A3 sands as follows:**
105,000# 20/40 sand in 855 bbls Lightning 17 fluid. Treated @ avg press of 2160 psi w/avg rate of 24.7 BPM. ISIP 2600 psi. Calc flush: 4984 gal. Actual flush: 4977 gal.

3/13/04 4898'-4906' **Frac A.5 sands as follows:**
20,600# 20/40 sand in 249 bbls Lightning 17 fluid. Treated @ avg press of 2825 psi w/avg rate of 24.7 BPM. ISIP 2360 psi. Calc flush: 4896 gal. Actual flush: 4893 gal.

3/13/04 4762'-4811' **Frac B2 and B.5 sands as follows:**
58,600# 20/40 sand in 464 bbls Lightning 17 fluid. Treated @ avg press of 2080 psi w/avg rate of 24.7 BPM. ISIP 1975 psi. Calc flush: 4760 gal. Actual flush: 4759 gal.

3/16/04 4685'-4695' **Frac C sands as follows:**
53,600# 20/40 sand in 449 bbls Lightning 17 fluid. Treated @ avg press of 2810 psi w/avg rate of 24.4 BPM. ISIP 2230 psi. Calc flush: 4683 gal. Actual flush: 4683 gal.

3/16/04 4047'-4055' **Frac GB6 sands as follows:**
27,989# 20/40 sand in 268 bbls Lightning 17 fluid. Treated @ avg press of 1685psi w/avg rate of 24.7 BPM. ISIP 1830 psi. Calc flush: 4045 gal. Actual flush: 3960 gal.

PERFORATION RECORD

Date	Depth Range	Number of JSPF	Number of Holes
3/09/04	4986'-5018'	2 JSPF	64 holes
3/13/04	4898'-4906'	4 JSPF	32 holes
3/13/04	4803'-4811'	4 JSPF	32 holes
3/13/04	4762'-4768'	4 JSPF	24 holes
3/13/04	4685'-4695'	4 JSPF	40 holes
3/16/04	4047'-4055'	4 JSPF	32 holes



Jonah 6-14-9-16
1882' FNL & 1923 FWL
SENW Section 14-T9S-R16E
Duchesne Co, Utah
API #43-013-32337; Lease #UTU-096547

Jonah 7-14-9-16

Spud Date: 5/11/03
 Put on Production: 3/25/04
 GL: 5570' KB: 5582'

Initial Production: 160 BOPD,
 160 MCFPD, 51 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 DEPTH LANDED: 311.89'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Class G mixed, est 5 bbls cmt to surf

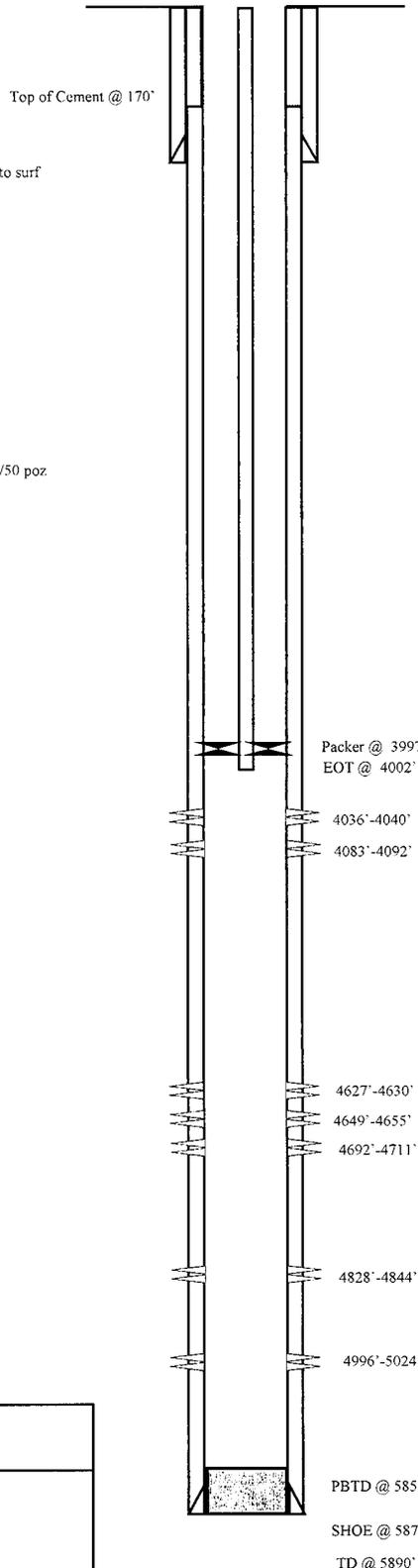
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 132 jts 5876.88'
 DEPTH LANDED: 5875.38'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 376 sxs Premilite II mixed & 400 sxs 50/50 poz
 CEMENT TOP AT: 170'

TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#
 NO. OF JOINTS: 127 jts (3980.83')
 SEATING NIPPLE: 2 7/8" (1.10')
 SN LANDED AT: 3993.33'
 CE @ 3997.53'
 TOTAL STRING LENGTH: EOT @ 4001.63'

Injection Wellbore Diagram



FRAC JOB

3/19/04	4996'-5024'	Frac A3 sands as follows: 100,024# 20/40 sand in 713 bbls lightning Frac 17 fluid. Treated @ avg press of 2152 psi w/avg rate of 24.6 BPM. ISIP 2520 psi. Calc flush: 4994 gal. Actual flush: 4998 gal.
3/19/04	4828'-4844'	Frac B2 sands as follows: 69,957# 20/40 sand in 536 bbls lightning Frac 17 fluid. Treated @ avg press of 1987 psi w/avg rate of 24.7 BPM. ISIP 2110 psi. Calc flush: 4826 gal. Actual flush: 4830 gal.
3/19/04	4692'-4711'	Frac C sands as follows: 50,348# 20/40 sand in 417 bbls lightning Frac 17 fluid. Treated @ avg press of 1987 psi w/avg rate of 31.1 BPM. ISIP 2100 psi. Calc flush: 4690 gal. Actual flush: 4704 gal.
3/19/04	4627'-4655'	Frac D3 sands as follows: 24,818# 20/40 sand in 268 bbls lightning Frac 17 fluid. Treated @ avg press of 2542 psi w/avg rate of 24.6 BPM. ISIP 2070 psi. Calc flush: 4625 gal. Actual flush: 4620 gal.
3/19/04	4036'-4092'	Frac GB6 & GB4 sands as follows: 39,524# 20/40 sand in 346 bbls lightning Frac 17 fluid. Treated @ avg press of 2210 psi w/avg rate of 24.6 BPM. ISIP 1750 psi. Calc flush: 4034 gal. Actual flush: 3948 gal.
11/10/06		Converted to Injection Well
11/10/06		MIT Completed - tbg detail updated

PERFORATION RECORD

3/17/04	4996'-5024'	4 JSPF	112 holes
3/19/04	4828'-4844'	4 JSPF	64 holes
3/19/04	4692'-4711'	4 JSPF	76 holes
3/19/04	4649'-4655'	4 JSPF	24 holes
3/19/04	4627'-4630'	4 JSPF	12 holes
3/19/04	4083'-4092'	4 JSPF	36 holes
3/19/04	4036'-4040'	4 JSPF	16 holes



JONAH 7-14-9-16
 1944' FNL & 1892' FEL
 SW/NE Section 14, T9S R16E
 DUCHESNE CO, UTAH
 API #43-013-32338; LEASE #UTU-096547

Jonah Fed H-14-9-16

Spud Date: 10/29/08
 Put on Production: 12/23/08
 GL: 5575' KB: 5587'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 8 jts (318.74')
 DEPTH LANDED: 330.59' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 151 jts (6045.76')
 DEPTH LANDED: 6059.01'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sx premlite and 425 sx 50/50 poz
 CEMENT TOP AT: 42'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 178 jts (5487.69')
 TUBING ANCHOR: 5499.69' KB
 NO. OF JOINTS: 2 jts (61.91')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5564.40' KB
 NO. OF JOINTS: 2 jts (62.00')
 TOTAL STRING LENGTH: EOT @ 5627.95'

SUCKER RODS

POLISHED ROD: SWIFN w/polished rod
 SUCKER RODS: 4-1 1/2" weight bars, 160- 7/8" guided rods
 PUMP SIZE: RIH w/ CDI 2 1/2" x 1 3/4" x 16" x 20" RHAC rod pump
 STROKE LENGTH:
 PUMP SPEED, SPM:

FRAC JOB

12/10/08 5545-5554' Frac C P1 sds as follows:
 w/ 45,729 20/40 sand in 463 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2398 psi @ ave rate of 25.6 BPM. ISIP 2072 psi. Actual flush: 5040 gals.

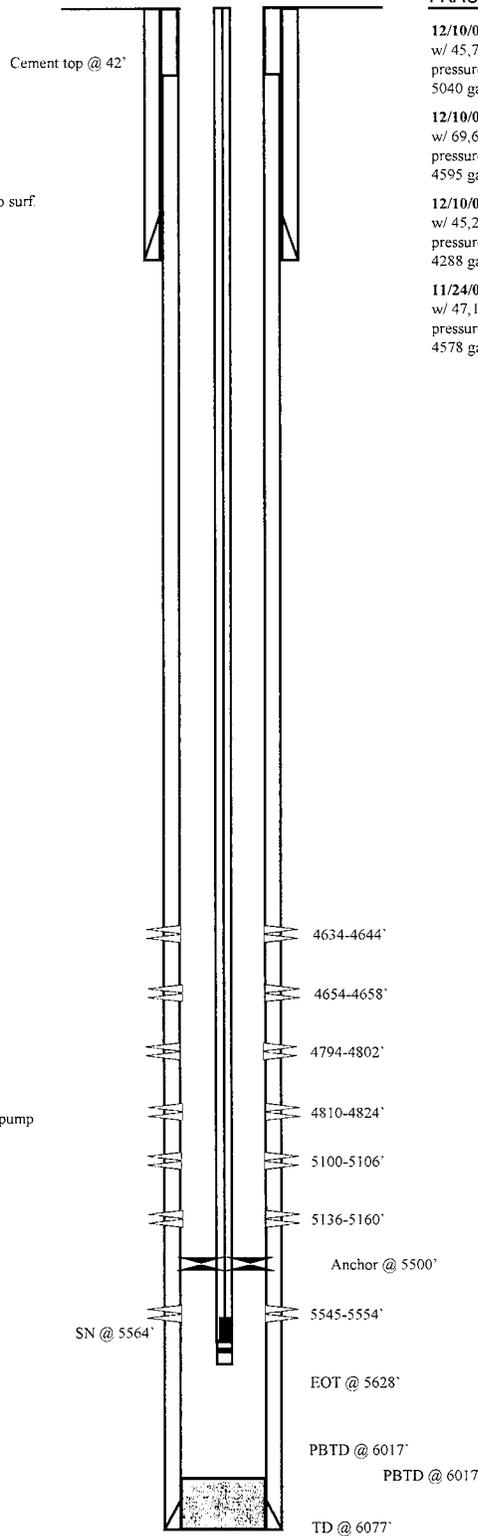
12/10/08 5100-5160' Frac A1 & A3 sds as follows:
 w/ 69,623# 20/40 sand in 578 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1905 psi @ ave rate of 25.1 BPM. ISIP 2299 psi. Actual flush: 4595 gals.

12/10/08 4794-4824' Frac C sds as follows:
 w/ 45,238# 20/40 sand in 435 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1953 psi @ ave rate of 23.3 BPM. ISIP 2032 psi. Actual flush: 4288 gals.

11/24/08 4634-4658' Frac D1 sds as follows:
 w/ 47,138# 20/40 sand in 435 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2131 psi @ ave rate of 23.2 BPM. ISIP 2239 psi. Actual flush: 4578 gals.

PERFORATION RECORD

Date	Interval	Tool	Holes
12/10/08	4634-4644'	4 JSPF	40 holes
12/10/08	4654-4658'	4 JSPF	16 holes
12/10/08	4794-4802'	4 JSPF	32 holes
12/10/08	4810-4824'	4 JSPF	56 holes
12/10/08	5100-5106'	4 JSPF	24 holes
12/10/08	5136-5160'	4 JSPF	96 holes
12/10/08	5545-5554'	4 JSPF	36 holes



NEWFIELD

Jonah H-14-9-16

1899' FNL & 1909' FEL

SW/NE Section 14-T9S-R16E

Duchesne Co, Utah

API # 43-013-34012; Lease # UTU-096550

Jonah Fed I-14-9-16

Spud Date: 10/28/08
Put on Production: 12/17/08

Wellbore Diagram

GL: 5575' KB: 5587'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (316.06')
DEPTH LANDED: 326.06' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sx Class 'g' cmt

PRODUCTION CASING

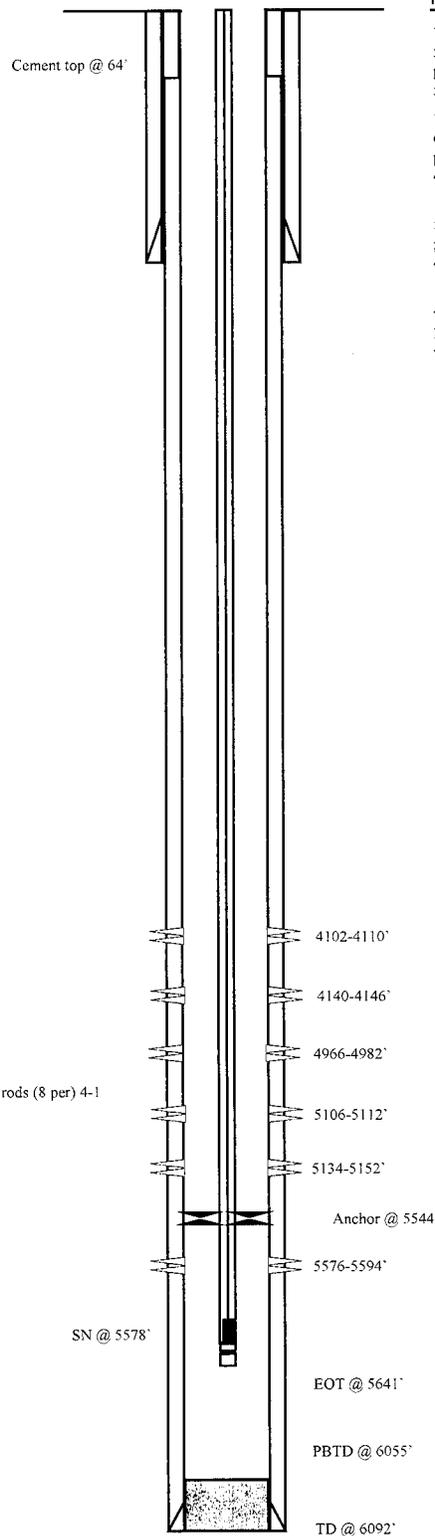
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 159 jts (6278.9')
DEPTH LANDED: 6095.70'
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sx premlite and 425 sx 50/50 poz
CEMENT TOP AT: 64'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 180 jts (5532.40')
TUBING ANCHOR: 5544.40' KB
NO. OF JOINTS: 1 jt (30.85')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5578.05' KB
NO. OF JOINTS: 2 jts (61.81')
TOTAL STRING LENGTH: EOT @ 5641.41'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod
SUCKER RODS: 1-2', 4', 6', 8' x 7/8" pony, 218-7/8" guided rods (8 per) 4-1 1/2" wt bars shear coupler
PUMP SIZE: 1 1/2" x 1 3/4" x 16' x 20' RHAC rod pump - CDI
STROKE LENGTH:
PUMP SPEED, SPM:



FRAC JOB

12/9/08 5576-5594' Frac CP1 sds as follows:
50,690# 20/40 sand in 472 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1937 psi @ ave rate of 23.1 BPM. ISIP 2139 psi. Actual flush: 5040 gals

12/10/08 5106-5152' Frac A1 & A3 sds as follows:
60,419# 20/40 sand in 514 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2180 psi @ ave rate of 23.1 BPM. ISIP 2427 psi. Actual flush: 4599 gals.

12/10/08 4966-4982' Frac B2 sds as follows:
55,874# 20/40 sand in 494 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1944 psi @ ave rate of 23.1 BPM. ISIP 2040 psi. Actual flush: 4410 gals

12/10/08 4102-4110' Frac GB2 & GB4 as follows:
40,929# 20/40 sand in 391 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1862 psi @ ave rate of 23.2 BPM. ISIP 2019 psi. Actual flush: 4032 gals.

PERFORATION RECORD

Date	Interval	Tool	Holes
12/9/08	5576-5594'	4 JSPF	72 holes
12/9/08	5134-5152'	4 JSPF	72 holes
12/9/08	5106-5112'	4 JSPF	24 holes
12/9/08	4966-4982'	4 JSPF	64 holes
12/10/08	4140-4146'	4 JSPF	24 holes
12/10/08	4102-4110'	4 JSPF	32 holes



NEWFIELD

Jonah I-14-9-16

1919' FNL & 1900' FEL

SW/NE Section 14-T9S-R16E

Duchesne Co, Utah

API # 43-013-34013; Lease # UTU-096550

Walton 34-11-9-16

Put on Production: 12-12-84

GL: 5534' KB: 5545'

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8 5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH: 251'
 DEPTH LANDED: 263'
 HOLE SIZE: 12 1/4"
 CEMENT DATE: 210 sx Class "G"
 CEMENTED TO SURFACE

PRODUCTION CASING

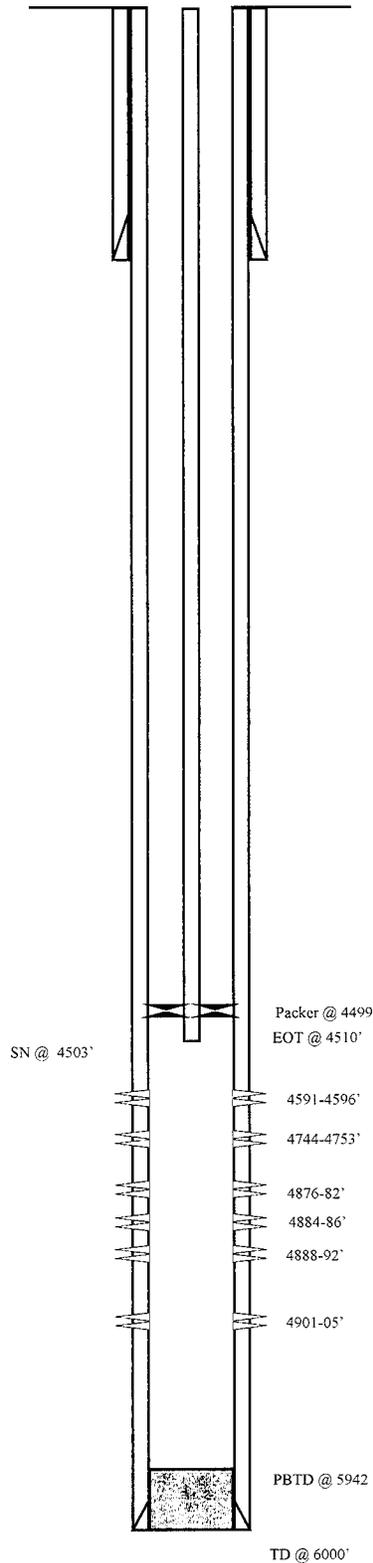
CSG SIZE: 5 1/2"
 GRADE: K-55
 WEIGHT: 14# & 15 5#
 LENGTH: 5995'
 DEPTH LANDED: 5995'
 HOLE SIZE: 7 7/8"
 CEMENT DATE: 131 sx HiLift & 687 sx
 Class "H"
 CEMENTED TOP @ 1665' KB from CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO OF JOINTS: 144 jts (4490.7')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 4502.84' KB
 XO: 4503.44'
 PACKER: 4509.64'
 TOTAL STRING LENGTH: EOT @ 4509.64'

FRAC JOB

4876-4805'	Frac with 117800# 20/40 sand in 53560 gal Appollo 30.
01-01-98	Convert to Injection well
5-20-05	5-YR MIT
9-3-08	Zone Stimulation
4-21-10	5-YR MIT



PERFORATION RECORD

4591-4596'	2 JSPF	10 holes
4744-4753'	2 JSPF	18 holes
4876-4882'	2 JSPF	12 holes
4884-4888'	2 JSPF	8 holes
4888-4892'	2 JSPF	8 holes
4901-4905'	2 JSPF	8 holes



Walton 34-11-9-16
 537' FSL & 2092' FEL
 SW/SE Section 11-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31003; Lease #U-096550

Jonah Federal #2-11-9-16

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

Initial Production: 104 BOPD,
 103 MCFD, 5 BWPD

Wellbore Diagram

SURFACE CASING

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

Casing shoe @ 293'

Cement top @ 350'

PRODUCTION CASING

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

TUBING

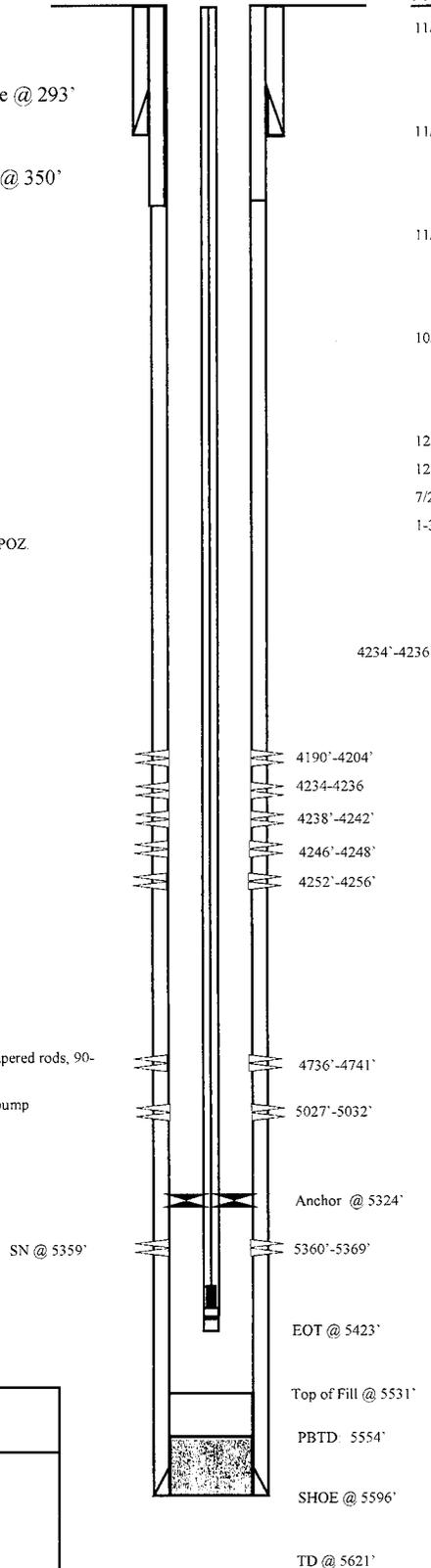
SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 170 jts (5313.65')
 TUBING ANCHOR: 5323.65' KB
 NO. OF JOINTS: 1 jt (32.62')
 SEATING NIPPLE: 2-3/8" (1.10')
 SN LANDED AT: 5359.07' KB
 NO. OF JOINTS: 2 jts (62.65')
 TOTAL STRING LENGTH: EOT @ 5423.27' KB

SUCKER RODS

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

FRAC JOB

11/01/00	5360'-5369'	Frac LoDC sands as follows: 45,000# 20/40 sand in 346 bbls Viking I-25 fluid. Treated @ avg press of 2500 psi w/ avg rate of 25 BPM. ISIP - 2640 psi. Calc. flush: 5360 gal. Actual flush: 5292 gal.
11/01/00	5027'-5032'	Frac B2 sands as follows: 25,800# 20/40 sand in 227 bbls Viking I-25 fluid. Treated @ avg press of 2400 psi w/ avg rate of 25 BPM. ISIP 2000 psi. Calc. flush: 5027 gal. Actual flush: 4956 gal.
11/01/00	4736'-4741'	Frac D1 sands as follows: 28,120# 20/40 sand in 288 bbls Viking I-25 fluid. Treated @ avg press of 2200 psi w/ avg rate of 25.5 BPM. ISIP 2200 psi. Calc. flush: 4736 gal. Actual flush: 4662 gal.
10/31/02	4190'-4256'	Frac GB4 and GB6 sands as follows: 81,949# 20/40 sand in 602 bbls Viking I-25 fluid. Treated @ avg pressure of 1925 psi w/ avg rate of 25 BPM. ISIP 2080 psi. Calc. flush: 4190. Actual flush: 4116.
12/23/05		Tubing leak. Update rod and tubing details.
12-18-07		Parted rods. Updated rod & tubing details.
7/21/08		parted rods. Updated tubing and rod detail.
1-3-09		Parted Rods. Updated rod & tubing details.



PERFORATION RECORD

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

NEWFIELD

Jonah Federal #2-11-9-16

492 FNL & 2075 FWL

NW/NE Section 11-T9S-R16E

Duchesne Co, Utah

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

Jonah Federal 16-14-9-16

Spud Date: 10-14-05
 Put on Production: 11-14-05
 GL: 5626' KB: 5638'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (302.62')
 DEPTH LANDED: 310.02' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 130 jts (5790.42')
 DEPTH LANDED: 5803 67' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP AT: 270'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 166 jts (5347.02')
 TUBING ANCHOR: 5359.02' KB
 NO. OF JOINTS: 1 jts (31.43')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5393.25' KB
 NO. OF JOINTS: 2 jts (62.75')
 TOTAL STRING LENGTH: EOT @ 5457.55' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-2" X 3/4" pony rods, 100- 3/4" scrappered rods, 99- 3/4" plain rods, 10- 3/4" scrappered rods, 6-1 1/2" weight rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC w/SM plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM

FRAC JOB

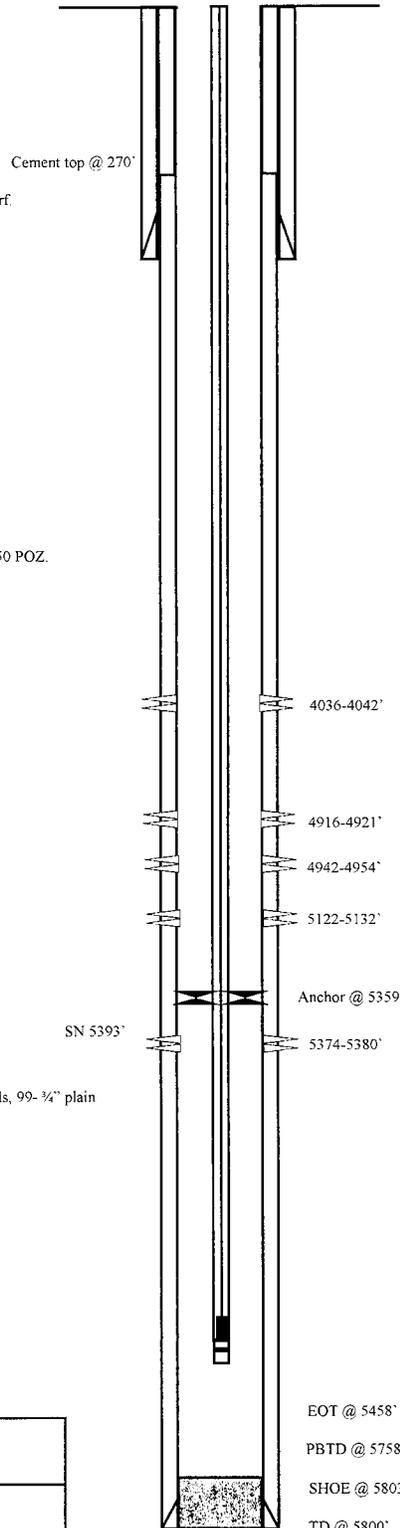
11-08-05 5374-5380' **Frac CP2 sands as follows:**
 24617# 20/40 sand in 360 bbls Lightning 17 frac fluid. Treated @ avg press of 2689 psi w/avg rate of 24.8 BPM. ISIP 3370 psi. Calc flush: 5372 gal. Actual flush: 4956 gal.

11-08-05 5122-5132' **Frac LODC sands as follows:**
 34329# 20/40 sand in 394 bbls Lightning 17 frac fluid. Treated @ avg press of 2632 psi w/avg rate of 24.8 BPM. ISIP 2720 psi. Calc flush: 5120 gal. Actual flush: 4830 gal.

11-09-05 4916-4954' **Frac A1, & A3 sands as follows:**
 75312# 20/40 sand in 591 bbls Lightning 17 frac fluid. Treated @ avg press of 1787 psi w/avg rate of 24.9 BPM. ISIP 2200 psi. Calc flush: 4914 gal. Actual flush: 3906 gal.

11-09-5 4036-4042' **Frac GB6 sands as follows:**
 25272# 20/40 sand in 301 bbls Lightning 17 frac fluid. Treated @ avg press of 2043 w/ avg rate of 24.7 BPM. ISIP 1830 psi. Calc flush: 4034 gal. Actual flush: 3948 gal.

6/8/09 Pump Change. Updated rod & tubing details.



PERFORATION RECORD

Date	Interval	Tool	Holes
11-01-05	5374-5380'	4 JSPF	24 holes
11-08-05	5122-5132'	4 JSPF	40 holes
11-08-05	4942-4954'	4 JSPF	48 holes
11-08-05	4916-4921'	4 JSPF	20 holes
11-09-05	4036-4042'	4 JSPF	24 holes

NEWFIELD

Jonah Federal 16-14-9-16

657' FSL & 758' FEL

SE/SE Section 14-T9S-R16E

Duchesne Co, Utah

API #43-013-32698; Lease #UTU-96547

Jonah Federal 11-14-9-16

Spud Date: 5/25/05
 Put on Production: 6/24/05
 GL: 5621' KB: 5633'

Initial Production: 115 BOPD,
 15 MCFD, 114 BWPD

Injection Wellbore
 Diagram

SURFACE CASING

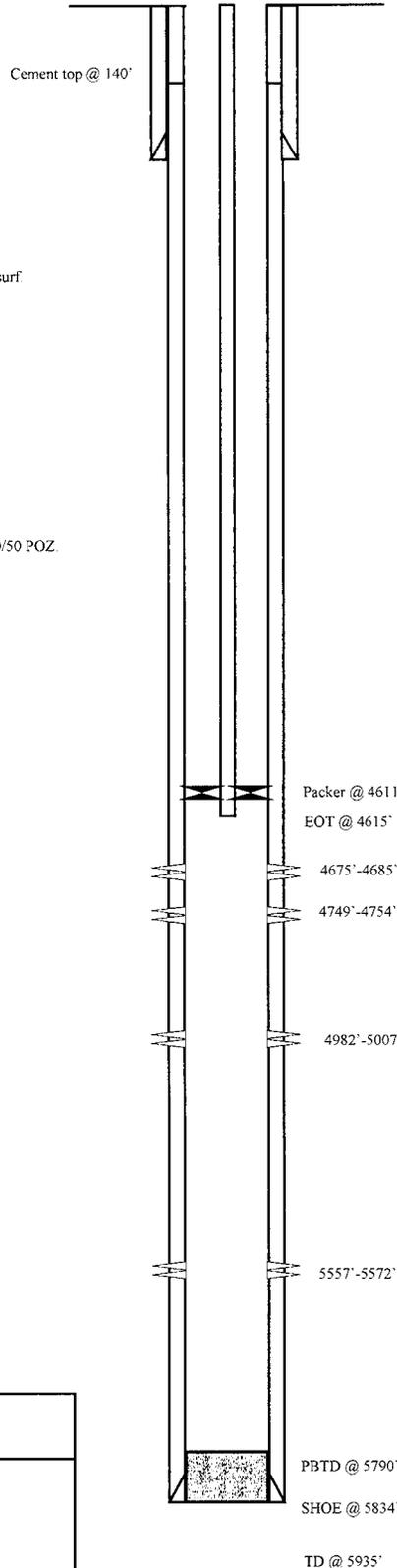
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (304.17')
 DEPTH LANDED: 314.17' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 138 jts (5835.87')
 DEPTH LANDED: 5833.87' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 140'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 147 jts (4594.85')
 SN LANDED AT: 1.10' (4606.85')
 CE @ 4611.05'
 TOTAL STRING LENGTH: EOT @ 4615.45' KB



FRAC JOB

6/20/05	5557'-5572'	Frac CP3 sands as follows: 55,674# 20/40 sand in 483 bbls Lightning 17 frac fluid. Treated @ avg press of 1748 psi w/avg rate of 25.2 BPM. ISIP 1850 psi. Calc flush: 5555 gal. Actual flush: 5544 gal.
6/20/05	4982'-5007'	Frac A3 sands as follows: 95,489# 20/40 sand in 692 bbls Lightning 17 frac fluid. Treated @ avg press of 2096 psi w/avg rate of 24.9 BPM. ISIP 2330 psi. Calc flush: 4980 gal. Actual flush: 4998 gal.
6/20/05	4675'-4754'	Frac C&B1 sands as follows: 62,157# 20/40 sand in 479 bbls Lightning 17 frac fluid. Treated @ avg press of 1650 psi w/avg rate of 25 BPM. ISIP 1920 psi. Calc flush: 4673 gal. Actual flush: 4578 gal.
09/12/06		Pump Change. Update rod and tubing details.
11/7/06		Convert to Injection Well
11/10/06		MIT Completed - tbg detail updated

PERFORATION RECORD

6/14/05	5557'-5572'	4 JSPF	60 holes
6/20/05	4982'-5007'	4 JSPF	100 holes
6/20/05	4749'-4754'	4 JSPF	20 holes
6/20/05	4675'-4685'	4 JSPF	40 holes

NEWFIELD

Jonah Federal 11-14-9-16
 2030' FSL & 2160' FWL
 NE/SW Section 14-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32681; Lease #UTU-096547



multi-chem®

Multi-Chem Group, LLC

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

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**
Well Name: **LA 8-14-9-16**
Sample Point: **Treater**
Sample Date: **6 /21/2010**
Sales Rep: **Randy Huber**
Lab Tech: **John Keel**

Sample ID: **WA-42895**

Sample Specifics	
Test Date:	6/25/2010
Temperature (°F):	140
Sample Pressure (psig):	0
Specific Gravity (g/cm³):	1.0130
pH:	8.6
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	16676
Molar Conductivity (µS/cm):	25266
Resitivity (Mohm):	0.3958

Analysis @ Properties in Sample Specifics			
Cations	mg/L	Anions	mg/L
Calcium (Ca):	20.00	Chloride (Cl):	7000.00
Magnesium (Mg):	12.00	Sulfate (SO₄):	558.00
Barium (Ba):	0.60	Dissolved CO₂:	-
Strontium (Sr):	-	Bicarbonate (HCO₃):	3050.00
Sodium (Na):	5834.00	Carbonate (CO₃):	-
Potassium (K):	-	H₂S:	200.00
Iron (Fe):	1.10	Phosphate (PO₄):	-
Manganese (Mn):	0.10	Silica (SiO₂):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO₃):	-
Ammonia NH₃:	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
Temp °F	Gauge Press. psi	Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂ psi
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	
140	0	16.49	24.80	0.01	-2061.50	0.00	-2047.50	-	-	2.75	0.65	0.13
80	0	11.23	29.71	0.01	20.86	0.00	-2801.00	-	-	9.12	0.91	0.07
100	0	13.64	27.86	0.00	20.97	0.00	-2625.90	-	-	5.98	0.85	0.09
120	0	15.38	26.11	0.00	20.23	0.00	-2361.90	-	-	4.01	0.76	0.10
140	0	16.49	24.80	0.01	19.20	0.00	-2047.50	-	-	2.75	0.65	0.11
160	0	16.93	24.10	0.01	18.17	0.01	-1716.60	-	-	1.92	0.49	0.12
180	0	16.71	24.01	0.01	17.26	0.01	-1395.30	-	-	1.36	0.27	0.13
200	0	15.96	24.44	0.01	16.47	0.01	-1101.10	-	-	0.97	-0.03	0.13
220	2.51	14.71	25.32	0.01	15.80	0.02	-856.08	-	-	0.69	-0.45	0.13
240	10.3	13.31	26.17	0.01	14.91	0.03	-636.66	-	-	0.50	-1.00	0.13
260	20.76	11.80	26.84	0.01	13.77	0.05	-456.49	-	-	0.37	-1.73	0.13
280	34.54	10.28	27.02	0.01	12.30	0.08	-313.03	-	-	0.27	-2.69	0.13
300	52.34	8.81	26.36	0.01	10.51	0.14	-202.44	-	-	0.20	-3.98	0.13

Conclusions:

Calcium Carbonate scale is indicated at all temps from 80°F to 300°F
Gypsum Scaling Index is negative from 80°F to 300°F
Calcium Sulfate Scaling Index is negative from 80°F to 300°F
Strontium Sulfate scaling was not evaluated
Barium Sulfate NO CONCLUSION

Notes:



2022

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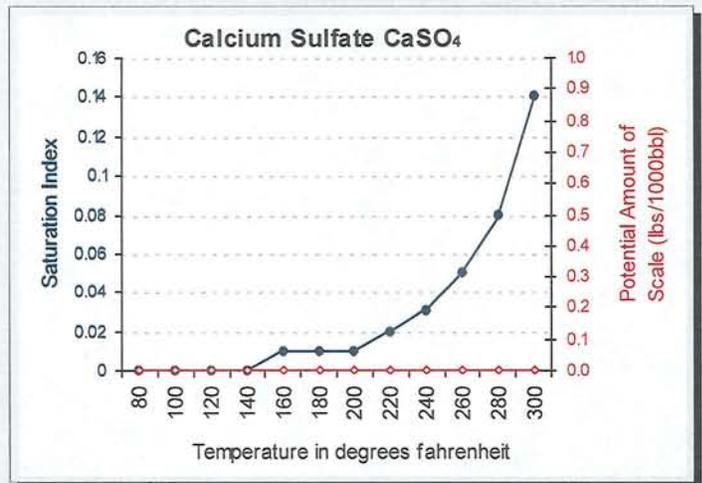
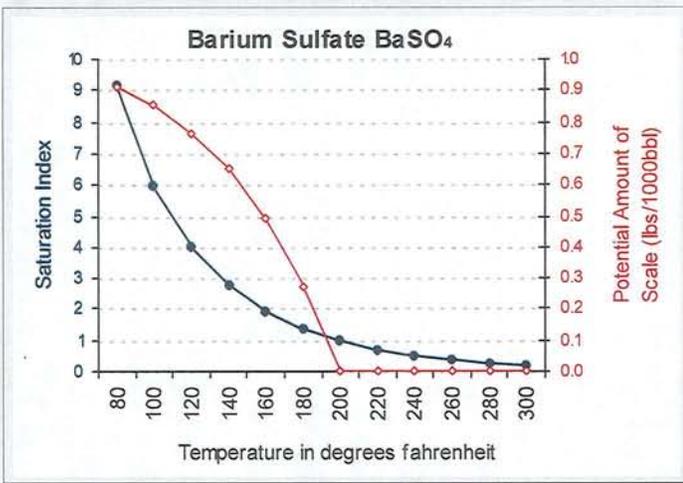
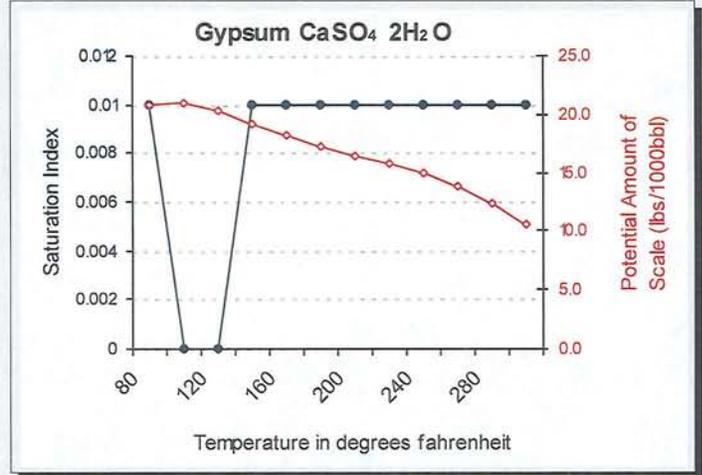
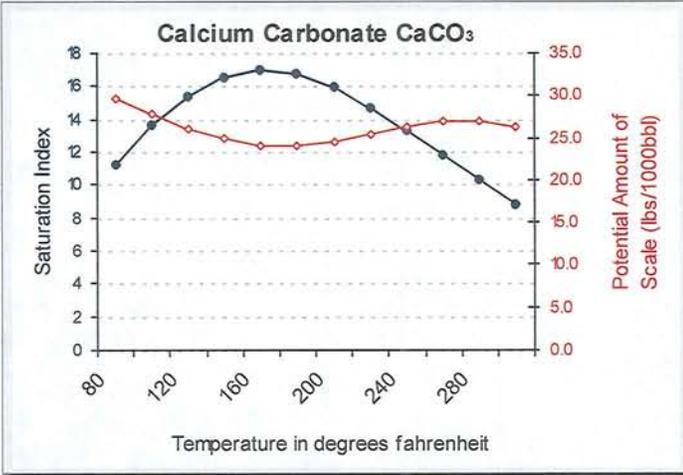
Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

multi-chem®

Scale Prediction Graphs

Well Name: LA 8-14-9-16

Sample ID: WA-42895



Attachment "G"

**Jonah Unit 8-14-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5046	5072	5059	2350	0.90	2317
4749	4759	4754	2250	0.91	2219
4114	4135	4125	1850	0.88	1823 ←
				Minimum	<u>1823</u>

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

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

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



Daily Completion Report

JONAH UNIT 8-14-9-16
SE/NE Section 14, T09S R16E
DUCHESNE Co., Utah
API # 43-013-32054

Spud Date: 5/6/98
MIRU Drl Rig: 5/22/98, Big A #46
TD: 5700'
Completion Rig: Flint #1497

6/13/98 PO: Perf & frac A sds. (Day 1)

Summary: 6/12/98 – MIRU Flint #1497. NU BOP. PU & TIH w/4-3/4" bit, 5-1/2" csg scraper, 181 jts 2-7/8" 8rd 6.5# M-50 tbg. Tag PBTB @ 5635'. Press test csg & BOP to 3000 psi. Swab FL dn to 4500'. TOH w/tbg. LD bit & scraper. SIFN.
DC: \$21,051 TWC: \$159,614

6/14/98 PO: Perf C sds. (Day 2)

Summary: 6/13/98 – CP: 0. RU Schlumberger & perf A sds @ 5046-72' w/2 jspf. TIH w/tbg to 5615'. IFL @ 4500'. Made 3 swab runs, rec 12 BTF w/tr oil. FFL @ 5100'. TOH w/tbg. NU isolation tool. RU BJ Services & frac A sds w/114,000# 20/40 sd in 565 bbls Viking I-25 fluid. Perf broke dn @ 3823 psi. Treated @ ave press of 1875 psi w/ave rate of 30 BPM. ISIP: 2350 psi, 5 min: 2100 psi. Flowback on 12/64 choke for 3 hrs & died. Rec 112 BTF (est 20% of load). SIFN w/est 453 BWTR.
DC: \$25,932 TWC: \$185,546

6/15/98 SD for Sunday.**6/16/98 PO: Frac C sds. (Day 3)**

Summary: 6/15/98 – CP: 0. TIH w/5-1/2" RBP & tbg. Set plug @ 4891'. Fill csg w/15 BW. Press test plug to 3000 psi. Swab FL dn to 4200'. Rec 90 BTF. TOH w/tbg. RU Schlumberger & perf C sds @ 4749-59' w/4 jspf. TIH w/tbg to 4866'. IFL @ 4200'. Made 3 swab runs, rec 8 BTF. FFL @ 4600'. SIFN w/est 370 BWTR.
DC: \$3,188 TWC: \$188,734

6/17/98 PO: Perf GB sds. (Day 4)

Summary: 6/16/98 – TP: 0, CP: 50. Bleed gas off well. IFL @ 4300'. Made 3 swab runs, rec 8 BTF w/tr oil. FFL @ 4700'. TOH w/tbg. NU isolation tool. RU BJ Services & frac C sds w/113,994# 20/40 sd in 546 bbls Viking I-25 fluid. Perfs broke dn @ 3032 psi. Treated @ ave press of 2000 psi w/ave rate of 28 BPM. ISIP: 2250 psi, 5 min: 2000 psi. Flowback on 12/64 choke for 3-1/2 hrs & died. Rec 126 BTF (est 23% of load). SIFN w/est 782 BWTR.
DC: \$23,549 TWC: \$212,283

6/18/98 PO: Frac GB sds. (Day 5)

Summary: 6/17/98 – CP: 0. TIH w/RH & tbg. Tag sd @ 4740'. CO sd to RBP @ 4891'. Release plug. Pull up & reset @ 4455'. Press test plug to 3000 psi. Swab FL dn to 3600'. Rec 77 BTF. TOH w/tbg. RU Schlumberger & perf GB sd @ 4114-19' & 4132-35' w/4 jspf. TIH w/tbg to 4420'. IFL @ 3500'. Made 3 swab runs, rec 14 BTF. FFL @ 4200'. SIFN w/est 691 BWTR.
DC: \$3,119 TWC: \$215,402

6/19/98 PO: Pull plug. CO PBTB. Swab well. (Day 6)

Summary: 6/18/98 – TP: 0, CP: 0. IFL @ 3600'. Made 3 swab runs, rec 13 BTF w/tr oil. FFL @ 4200'. TOH w/tbg. NU isolation tool. RU BJ Services & frac GB sds w/96,580# 20/40 sd in 475 bbls Viking I-25 fluid. Perfs broke dn @ 3387 psi. Treated @ ave press of 1850 psi w/ave rate of 24.2 BPM. ISIP: 1850 psi, 5 min: 1535 psi. Flowback on 12/64 choke for 2-1/2 hrs & died. Rec 78 BTF (est 16% of load). SIFN w/est 1075 BWTR.
DC: \$22,904 TWC: \$238,306



Daily Completion Report – Page Two

JONAH UNIT 8-14-9-16
SE/NE Section 14, T09S R16E
DUCHESNE Co., Utah
API # 43-013-32054

Spud Date: 5/6/98
MIRU Drl Rig: 5/22/98, Big A #46
TD: 5700'
Completion Rig: Flint #1497

6/20/98 PO: Swab well. Trip & land production tbg. (Day 7)

Summary: 6/19/98 – CP: 50. Bleed off est 8 bbls frac fluid. TIH w/RH & tbg. Tag sd @ 4145'. CO sd to RBP @ 4455'. Release plug. TOH w/tbg. LD plug. TIH w/NC & tbg. Tag sd @ 5359' (287' rathole, 276' fill). Pull EOT to 5237'. IFL @ sfc. Made 12 swab runs, rec 140 BTF (est 115 BW, 25 BO). Tr sd on early runs. FOC @ 15%. FFL @ 1800'. SIFN w/est 952 BWTR.
DC: \$2,142 TWC: \$240,448

6/21/98 PO: PU rods. Place well on production. (Day 8)

Summary: 6/20/98 – TP: 25, CP: 50. Bleed gas off well. IFL @ sfc. Made 11 swab runs, rec 133 BTF (est 58 BW, 75 BO). No sd. FOC @ 50%. FFL @ 1000'. TIH w/tbg. Tag sd @ 5351' (8' add'l sd). TOH w/tbg. TIH w/production tbg as follows: 2-7/8" NC, 2 jts tbg, SN, 2 jts tbg, 5-1/2" TA, 161 jts 2-7/8" 8rd 6.5# M-50 tbg. ND BOP. Set TA @ 5020' w/SN @ 5086' & EOT @ 5152'. Land tbg w/12,000# tension. NU well head. SIFN w/est 894 BWTR.
DC: \$2,824 TWC: \$243,272

6/22/98 SD for Sunday.**6/23/98 PO: Well on production. (Day 9)**

Summary: 6/22/98 – Flush tbg w/30 bbls Hot Wtr. PU & TIH w/rod string as follows: 2-1/2 x 1-1/2 x 15' RHAC rod pmp, 4 – 1-1/2" weight rods, 4 – 3/4" scraped rods, 97-3/4" plain rods, 97 – 3/4" scraped rods, 1 – 3/4" plain rod, 1 – 3/4" x 8' pony rod, 1-1/2" x 22' polished rod. Seat pmp. RU pumping unit. Fill tbg w/1 BW. Press test pmp & tbg to 500 psi. Stroke pmp w/unit to 900 psi. Good pmp action. RDMO. **PLACE WELL ON PRODUCTION @ 12:30 PM, 6/22/98 W/74" SL @ 6 SPM.** Est 952 BWTR.
DC: \$107,870 TWC: \$351,142

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4064'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 176' balance plug using 20 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Perforate 4 JSPF @1505'
5. Plug #3 120' plug covering Uinta/Green River formation using 25 sx Class "G" cement pumped under CICR and out perforations. Following using 7 sx Class "G" cement pumped on top of CICR
6. Perforate 4 JSPF @341'
7. Plug #4 Circulate 96 sx Class "G" Cement down 5-1/2" casing and up the 5-1/2" x 8-5/8" annulus

The approximate cost to plug and abandon this well is \$59,344.

Jonah Unit #8-14

Spud Date: 5/22/98

Put on Production: 6/22/98

GL: 5607' KB: 5617'

Initial Production: 159 BOPD,
133 MCFPD, 34 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (290')

DEPTH LANDED: 291'

HOLE SIZE: 12-1/4"

CEMENT DATA: 120 sxs Premium cmt, est 1-1/2 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 133 jts. (5677')

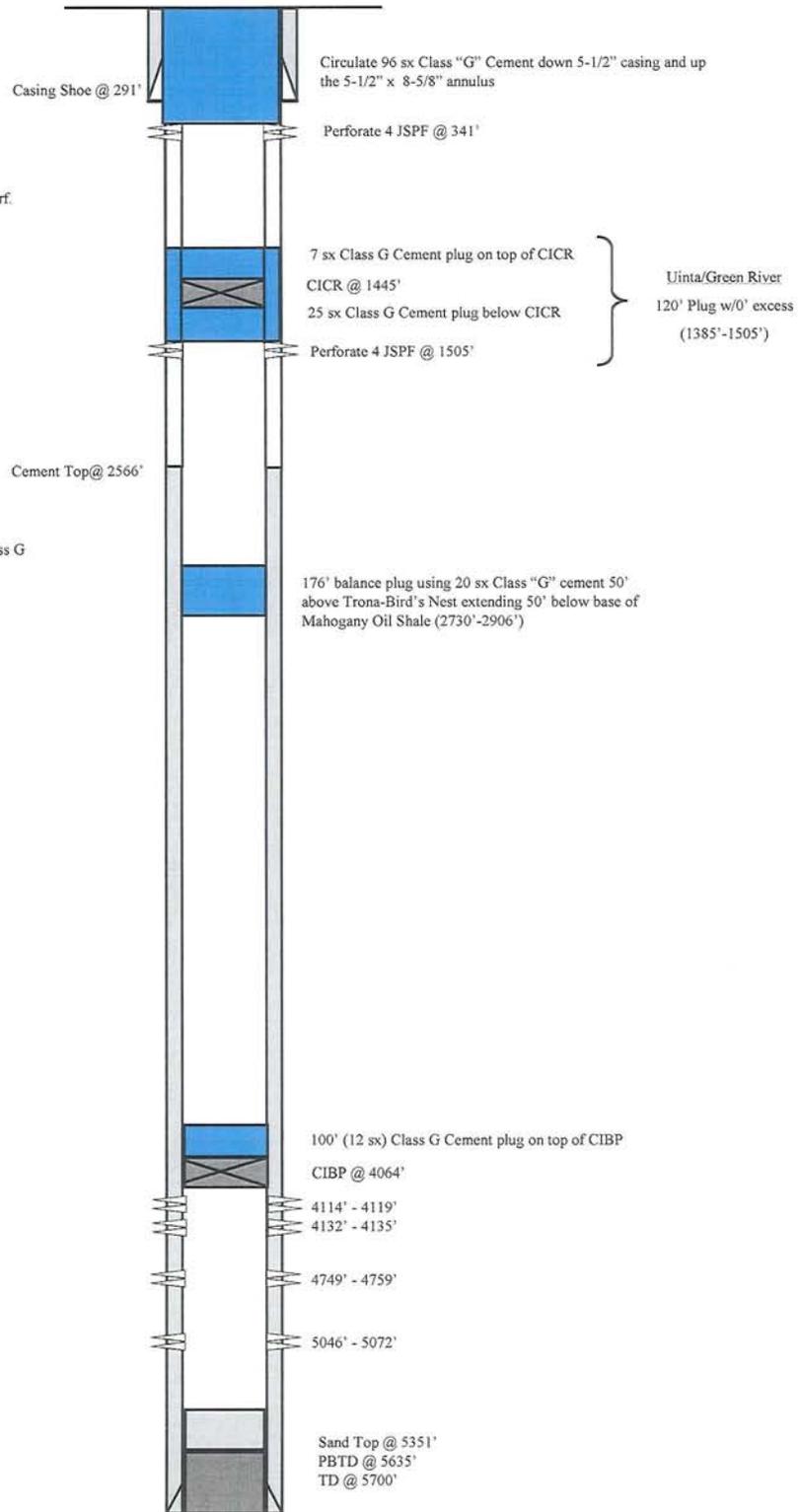
DEPTH LANDED: 5688' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 320 sk Poz Type III mixed & 310 sxs Class G

CEMENT TOP AT: 2566' per CBL

Proposed P & A Wellbore Diagram



Jonah Unit #8-14
1882 FNL 773 FEL
SENE Section 14-T9S-R16E
Duchesne Co, Utah
API #43-013-32054; Lease #U-096550

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
 Myton, UT 84052

3b. Phone (include are code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 1882 FNL 773 FEL
 SENE Section 14 T9S R16E

5. Lease Serial No.
 USA UTU-096550

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
 GMBU

8. Well Name and No.
 JONAH UNIT 8-14-9-16

9. API Well No.
 4301332054

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

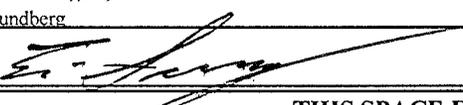
11. County or Parish, State
 DUCHESNE, UT

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

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

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Eric Sundberg	Title Regulatory Lead
Signature 	Date 07/15/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

MEMO TO FILE

From: Mark Reinbold

Date: November 8, 2010

Jonah Unit 8-14-9-16 (API # 43-013-32054) was damaged as a result of the directional drilling of offset well Jonah Federal LA-14-9-16 (API # 43-013-34164), when the latter well collided with the former well. Because of this damage, Jonah 8-14-9-16 is no longer available for conversion to an injection well.

From: Ben Krugman <bkrugman@newfield.com>
To: Mark Reinbold <markreinbold@utah.gov>
Date: 10/18/2012 11:21 AM
Subject: RE: Monitor well GMBU 8-14T-9-16 (43-013-50880)
Attachments: Explanation presentation.pptx; Plan for Monitoring 8.doc

43 013 32054
Jonah Unit 8-14-9-16
95 16E 1A

Mark,

I am the engineer overseeing this project to completion and will gladly inform you of all the pieces. The 8-14-9-16 was the original well on this site. The plan was to drill a directional well offsetting it called the LA-14-9-16. While drilling, the LA-14-9-16, they intersected the 8-14-9-16 at 1,092'. In order to monitor this well, we drilled the 8-14T-9-16. The plan agreed upon before I came on board was to have casing and tubing pressure gauges on the intersected well as well as the monitor well and report any changes in pressure or fluid level immediately to the state. I've attached a presentation on what the issue was and more of the background (this was presented before work started). I've also attached the agreed upon plan for monitoring the above wells. Please let me know if you need any more detail and I will be happy to supply.

Ben Krugman
Engineer, Production
Office: 303-685-8035 Ext 4035
Mobile: 720-648-4810

[Description: Newfield Exploration]
"Newfield Exploration"

From: Mark Reinbold [mailto:markreinbold@utah.gov]
Sent: Thursday, October 18, 2012 11:09 AM
To: Ben Krugman
Subject: Monitor well GMBU 8-14T-9-16 (43-013-50880)

Ben,

I am told that you are the heir to this mess, inasmuch as Tom Walker is no longer with Newfield. Since the monitor well has been completed, I am now working on the backlog of UIC applications which have been on hold pending completion of the monitor well.

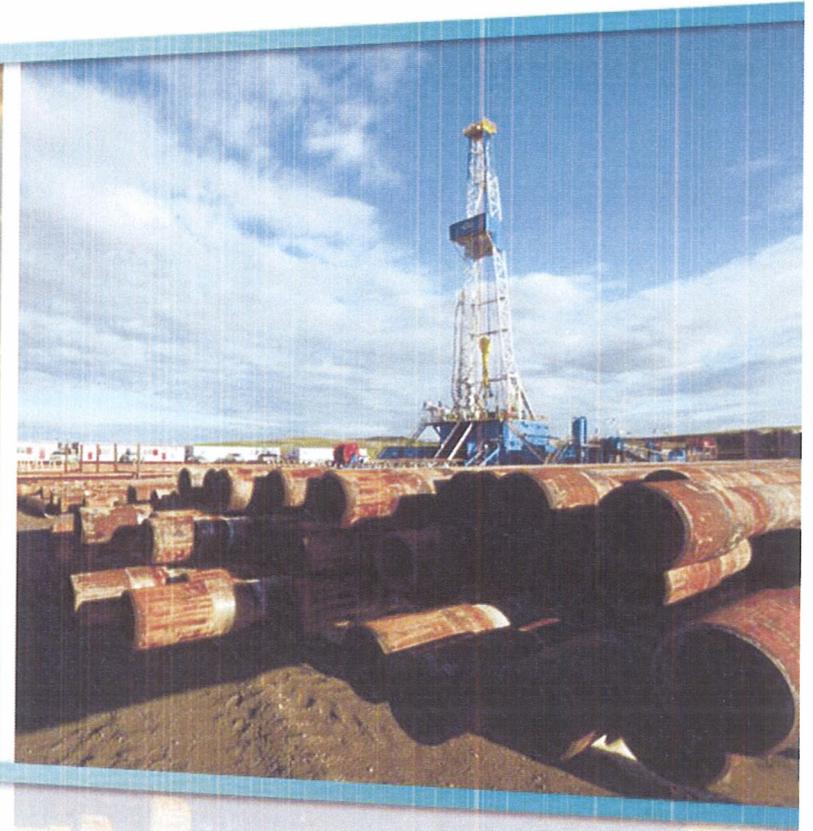
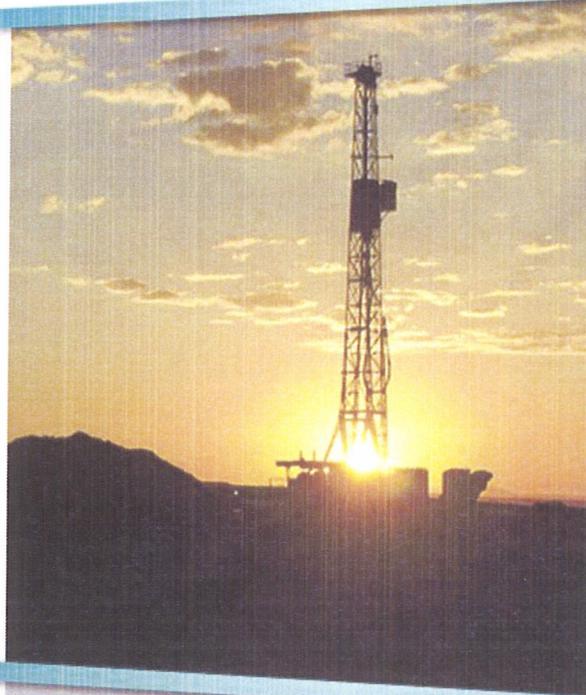
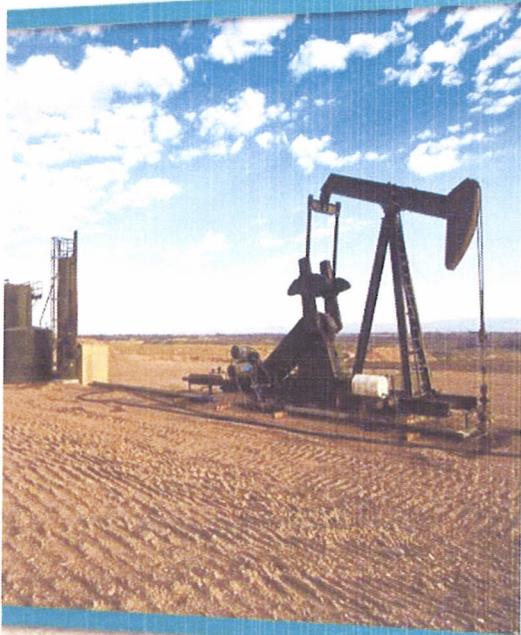
I am trying to understand the chronology of events and more. This involves the original vertical well, Jonah Unit 8-14-9-16 (43-013-32054), the abandoned directional well, Jonah Fed L-14-9-16 (43-013-33811), and producing directional well, Jonah Fed LA-14-9-16 (43-013-~~9-16~~). Could you please briefly outline what happened, when it happened, and why it happened? Also, how do you plan to monitor the monitor well? Thank you.

34164

Mark Reinbold
Utah DNR/DOGM
801-538-5333

LA-14-9-16/8-14-9-16

NEWFIELD



Overview



- Wellbore Diagrams
 - LA-14-9-16
 - 8-14-9-16
- Intersection Drawing with Info
- Open Hole log for LA-14-9-16
 - Tom Walker's Notes 8-14-9-16
 - Pictures of Equipment pulled from
- Area Map
- Plats for 8A-14 and 8-14T

Welbore Diagram 8-14-9-16



Jonah Unit #8-14

Spud Date: 5/22/98
Put on Production: 6/22/98
GL: 500' KB: 501'

Initial Production: 159 BOPD
133 MCFPD, 34 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (500')
DEPTH LANDED: 291'
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 1-1/2 bbls to stuff

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 133 jts (567')
DEPTH LANDED: 2888' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 320 sk Per 1 type H mixed & 510 sxs Class G
CEMENT TOP AT: 2566' per CBL

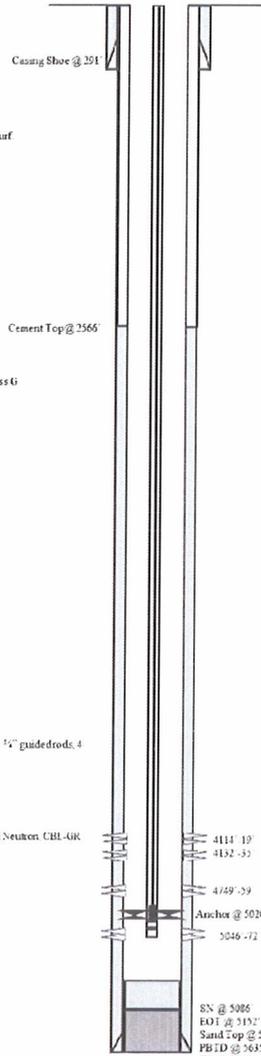
TUBING

SIZE GRADE WT: 2-7/8" N-80 / 6.5#
NO OF JOINTS: 127 jts (1592.0')
TUBING ANCHOR: 5020
NO OF JOINTS: 1 jt (62.5')
SEATING NIPPLE: 5-1/2" (110')
SN LANDED AT: 5086'
NO OF JOINTS: 2 jts (62.5')
TOTAL STRING LENGTH: EOT @ 5152'

SUCKER RODS

POLISHED ROD:
SUCKER RODS: 55 3/4" guided rods, 97 3/4" guided rods, 4 1/2" weight bars
PUMP SIZE: 2-1/2" x 1-1/2" x 16 RHAC
STROKE LENGTH: 7"
PUMP SPEED: 3PM: 7"
LOGS: Dual Laterlog, GR, SP, Spectral Density, Dual Spaced Newton, CBL-GR

Wellbore Diagram



FRAC JOB

6/13/98 5046' 5072' Frac A sand as follows:
114,000# 20-40 sand in 555 bbls Vking
1-2 fluid Perf Breakdown @ 3823 psi
Treated @ avg pres of 1873 psi, w avg
rate of 30 BPM. ISIP: 2330 psi, 3-min
3100 psi Flowback on 12.64" choke for 3
hours and died

6/16/98 4749' 4789' Frac C sand as follows:
115,000# of 20-40 sand in 546 bbls
Vking, 1-2 fluid Perfs Breakdown @
4012 psi, treated @ avg pres of 2000
psi w avg rate of 28 bpm. ISIP: 2250 psi,
3-min 2000 psi Flowback on 12.64"
choke for 3 1/2 hours and died

6/18/98 4114' 4135' Frac GB sand as follows:
96,280# 20-40 sand in 473 bbls Vking, 1-
2 fluid Perfs Breakdown @ 3587 psi
Treated @ avg pres of 1830 psi w avg
rate of 24 3/4 BPM. ISIP: 1830 psi, 3-min
1535 psi Flowback on 12.64" choke for
2-1/2 hours and died

7/8/2010 Wellcover updated and tubing detail
NOTE: The LA 14-9-16 runs diagonally across
this well location which places the
beginning joints at a 1992' depth and
renders placement of the anchor at a
deeper depth.

PERFORATION RECORD

6/13/98	5046'-5072'	2 JSPF	32 holes
6/15/98	4749'-4759'	4 JSPF	10 holes
6/17/98	4114'-4119'	4 JSPF	20 holes
6/17/98	4132'-4135'	4 JSPF	12 holes

NEWFIELD

Jonah Unit #8-14
1882 FNL 774 FEL
SENE Section 14-19S-R16E
Duchesne Co. Utah
API #43-013-32054, Lease #U-096550

Welbore Diagram LA-14-9-16



Jonah Fed LA-14-9-16

Spud Date: 12/19/2008
Put on Production: 1/27/2009

GL: 5606' KD: 5618'

SURFACE CASING

CSG SIZE: 5-5.5"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (315.79')
DEPTH LANDED: 526.79' KB
HOLE SIZE: 12.14"
CEMENT DATA: 160 ss class 'g' cement

PRODUCTION CASING

CSG SIZE: 5-1.75"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 158 jts (6228.67')
DEPTH LANDED: 6045.44'
HOLE SIZE: 7.75"
CEMENT DATA: 280 ss granulate and 513 ss 20.50 poz
CEMENT TOP AT: 104'

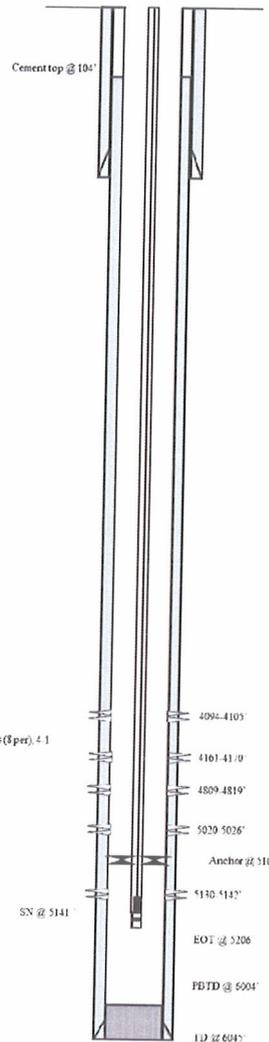
TUBING

SIZE GRADE: WT: 2-7/8" / L-55
NO. OF JOINTS: 162 jts (5107.3')
TUBING ANCHOR: 5107.3' KB
NO. OF JOINTS: 1 jt (31.65')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5141.8' KB
NO. OF JOINTS: 2 jts (63.1')
TOTAL STRING LENGTH: EOT @ 5206'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod
SUCKER RODS: 1 1/2" x 6' x 7.8" pony sub, 201.78" guide rods (3 per), 4.1 1/2" weight bars, area coupler
PUMP SIZE: 1 1/2" x 1 1/2" x 20" RHAC central hydraulic pump
STROKE LENGTH: 175"
PUMPSPEED: 5PM/0

Wellbore Diagram



FRAC JOB

1/20/09 5130-5142' Frac A3 sds as follows:
49.25# 20-40 sand in 460 bbls of Lightning 1" fluid. Broke @ 2780 psi.
Treated w/ ave pressure of 2065 psi w/ average of 22.9 BPM. ISIP: 2250 psi. Actual flush: 4624 gals.

1/20/09 5020-5026' Frac A.5 sds as follows:
24.71# 20-40 sand in 267 bbls of Lightning 1" fluid. Broke @ 4040 psi.
Treated w/ ave pressure of 2423 psi w/ average of 22.9 BPM. ISIP: 2411 psi. Actual flush: 4515 gals.

1/20/09 4809-4819' Frac C sds as follows:
24.95# 20-40 sand in 330 bbls of Lightning 1" fluid. Broke @ 3045 psi.
Treated w/ ave pressure of 2400 psi w/ average of 23.0 BPM. ISIP: 441/2 psi. Actual flush: 4221 gals.

1/20/09 4161-4170' Frac CB6 sds as follows:
55.17# 20-40 sand in 477 bbls of Lightning 1" fluid. Broke @ 3930 psi.
Treated w/ ave pressure of 1900 psi w/ average of 23.2 BPM. ISIP: 1734 psi. Actual flush: 4138 gals.

1/20/09 4094-4105' Frac CB4 sds as follows:
69.15# 20-40 sand in 522 bbls of Lightning 1" fluid. Broke @ 3514 psi.
Treated w/ ave pressure of 2200 psi w/ average of 23.1 BPM. ISIP: 1915 psi. Actual flush: 4007 gals.

03/25/2010 Pump Maintenance. Update rod and tubing details.

PERFORATION RECORD

1/20/09	4094-4105'	4 JSPT	44 holes
1/20/09	4161-4170'	4 JSPT	36 holes
1/20/09	4809-4819'	4 JSPT	40 holes
1/20/09	5020-5026'	4 JSPT	24 holes
1/20/09	5130-5142'	4 JSPT	48 holes

NEWFIELD

Jonah LA-14-9-16

1006' FNL & 732' FEL

SENE Section 14 T9S R.6E

Duchesne Co. Utah

APN: # 43-9-3-34164 ; Lease # UTU-090550

Intersection Drawing and Info

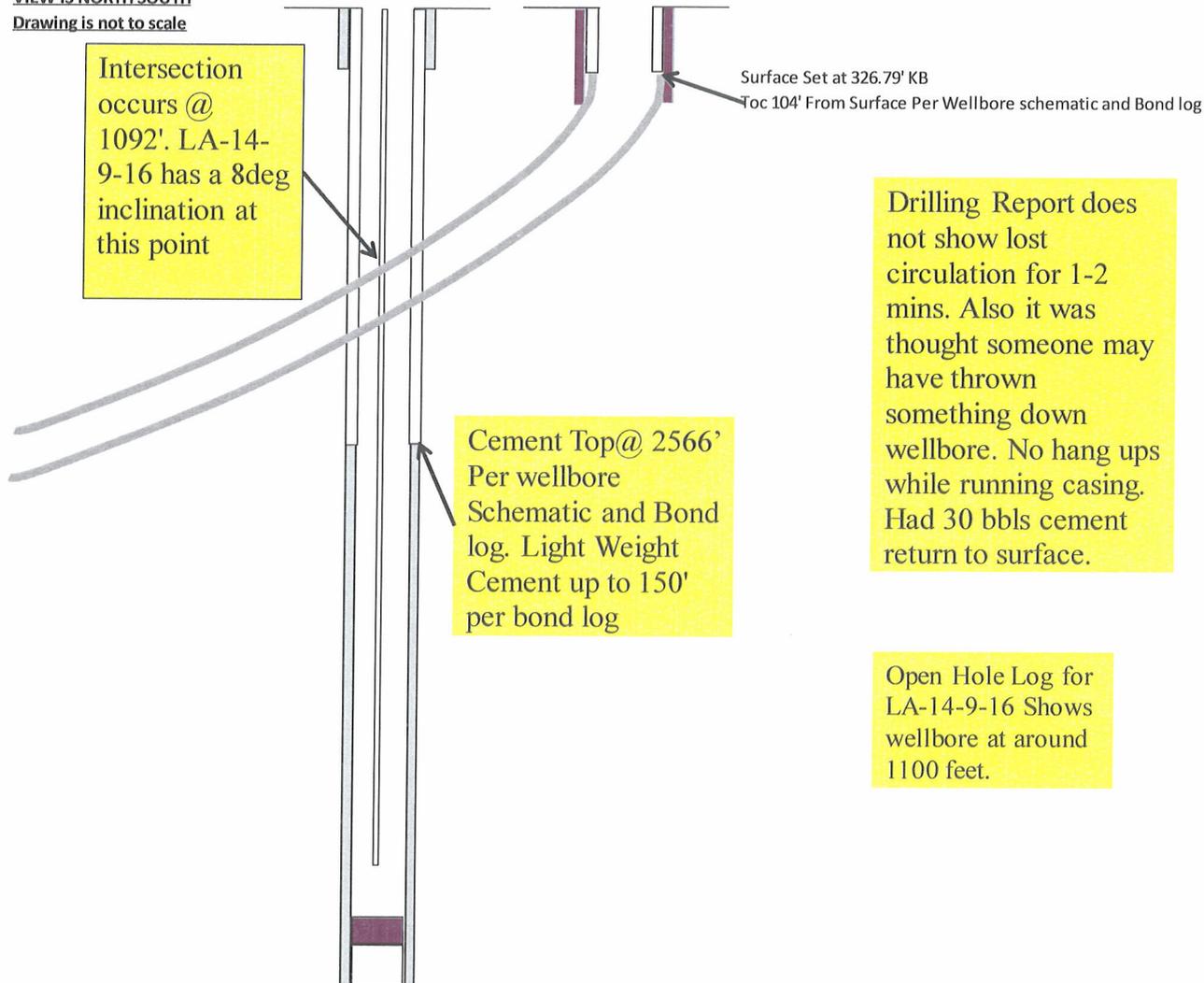


8-14-9-16
TOC:2566'

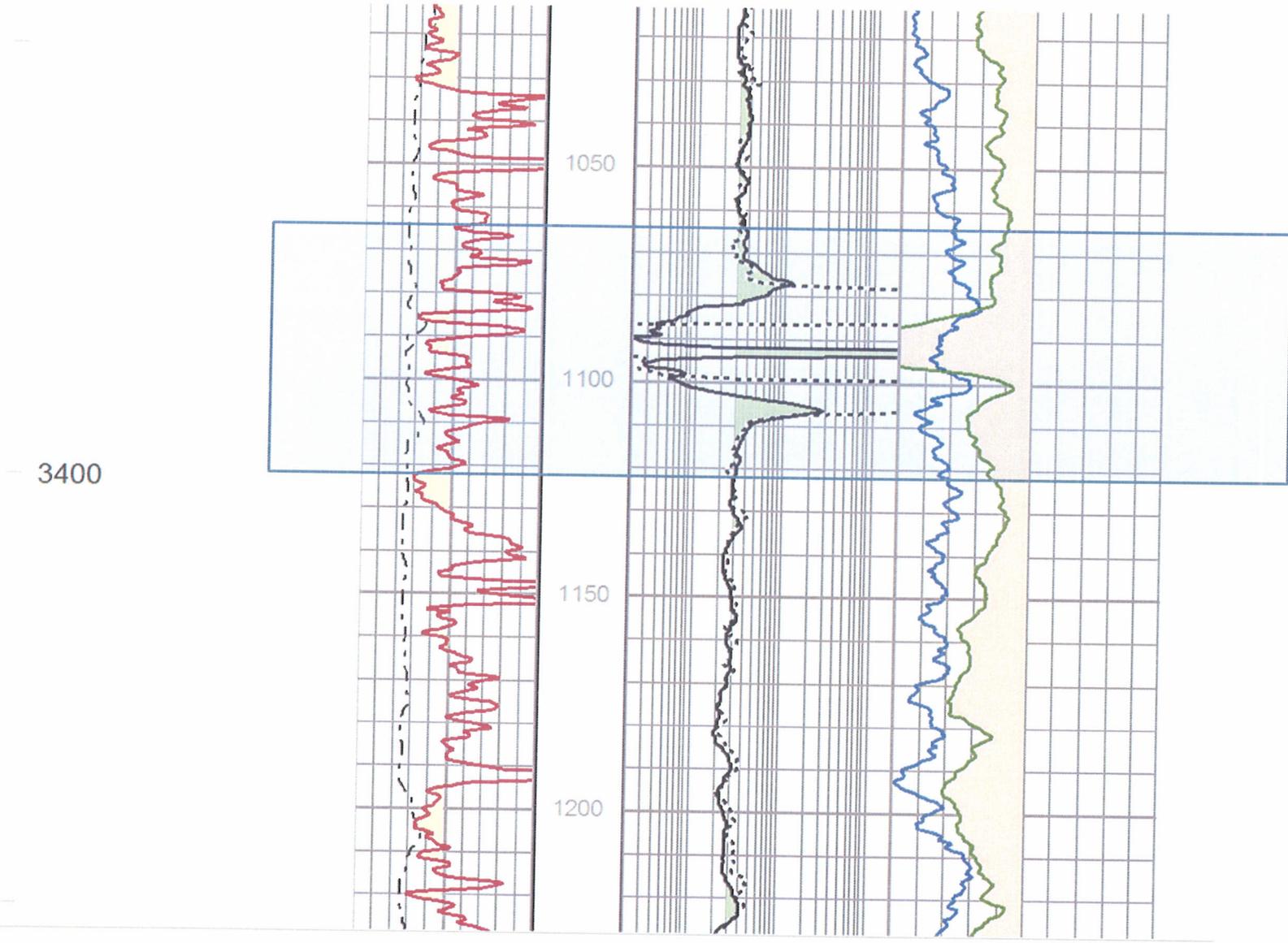
LA-14-9-16
TOC:104'

Top of lieghtweight Cement
~150'

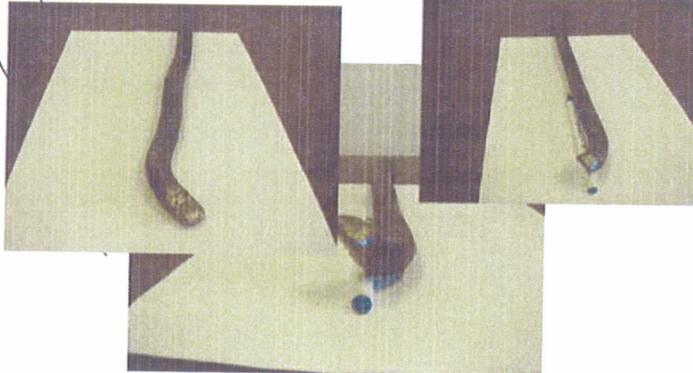
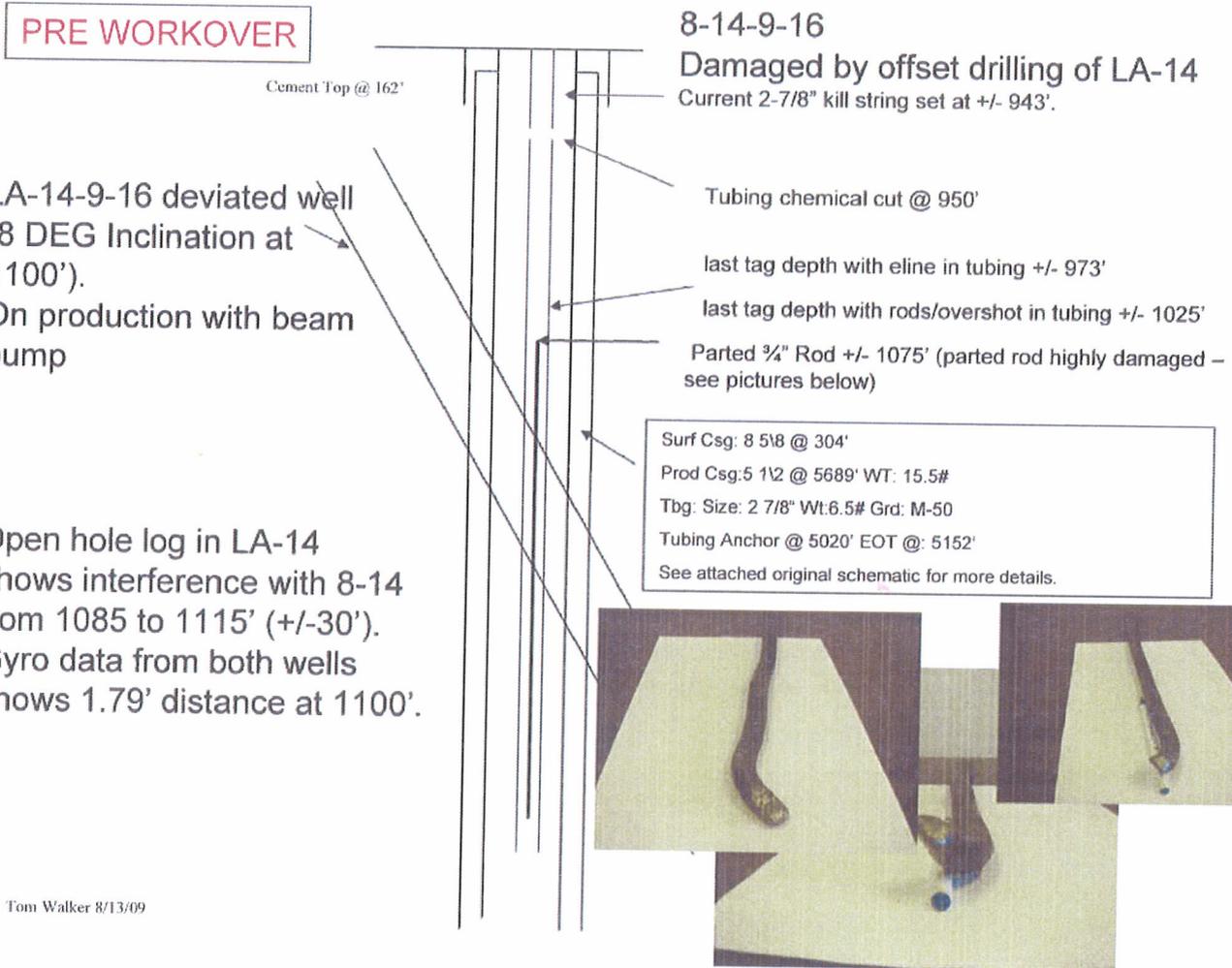
VIEW IS NORTH SOUTH
Drawing is not to scale



Open Hole Log For LA-14 Showing Intersection



Pre Workover- Pulled Rods



Tom Walker 8/13/09

Post Workover- Fishing tubing

POST WORKOVER

LA-14-9-16 deviated well
(8 DEG Inclination at 1100').
On production with beam pump



Cement Top @ 162'



8-14-9-16

Damaged by offset drilling of LA-14

Workover was successful:

- 1) Drilled out cement inside of tubing
 - 2) Ran camera inside of tubing
 - 3) Washed over tubing to remove cement
 - 4) Cut tubing and fished tubing stub out cement (see pictures)
- 1) Cleaned out cement down to 1092'
 - 2) Ran bond log

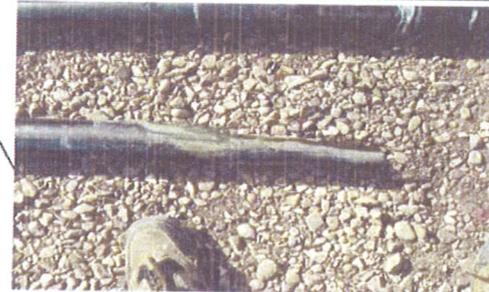
Surf Csg: 8 5/8 @ 304'

Prod Csg: 5 1/2 @ 5689' WT: 15.5#

Tbg: Size: 2 7/8" Wt: 6.5# Grd: M-50

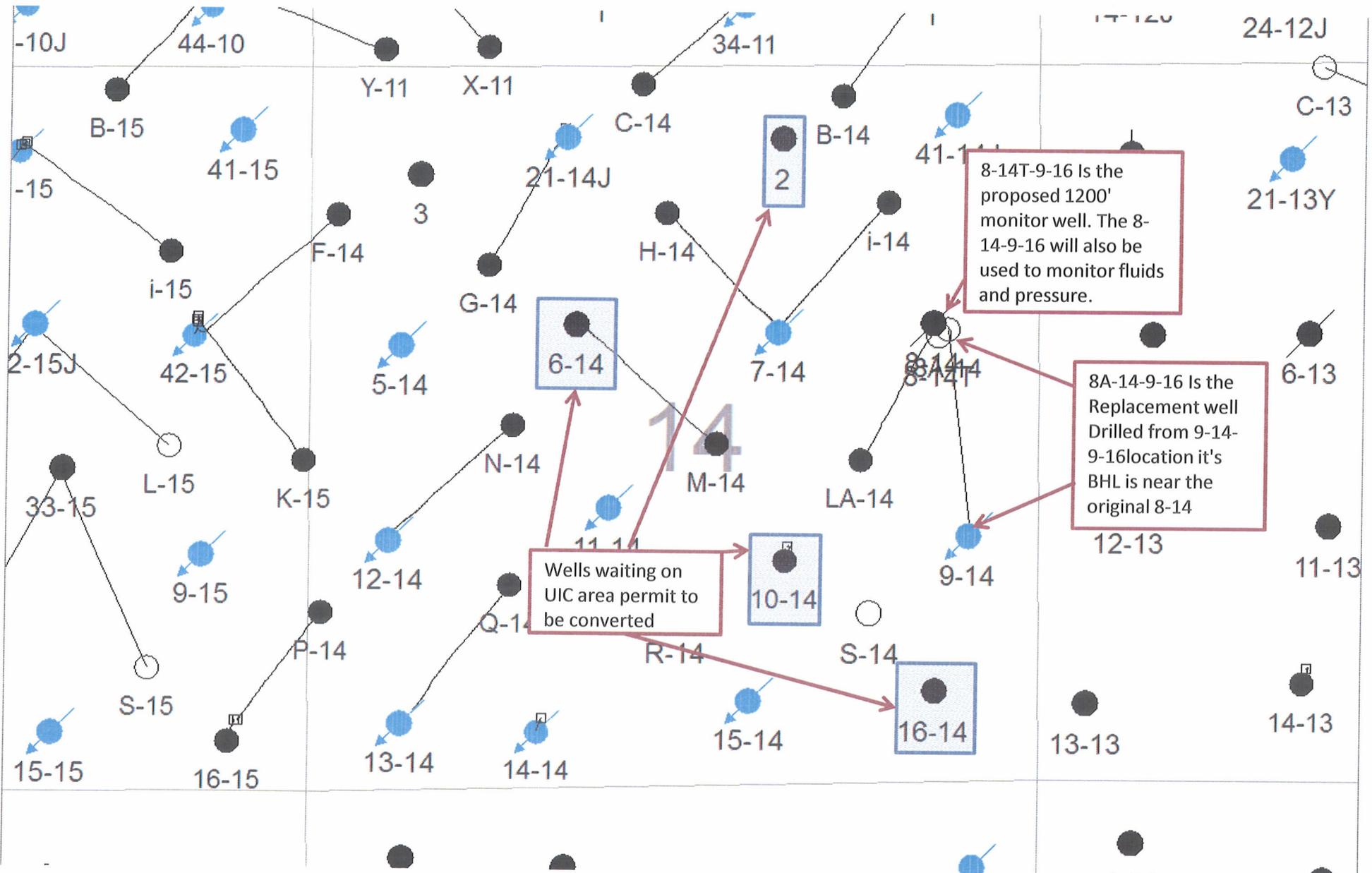
Tubing Anchor @ 5020' EOT @: 5152'

See attached original schematic for more details.

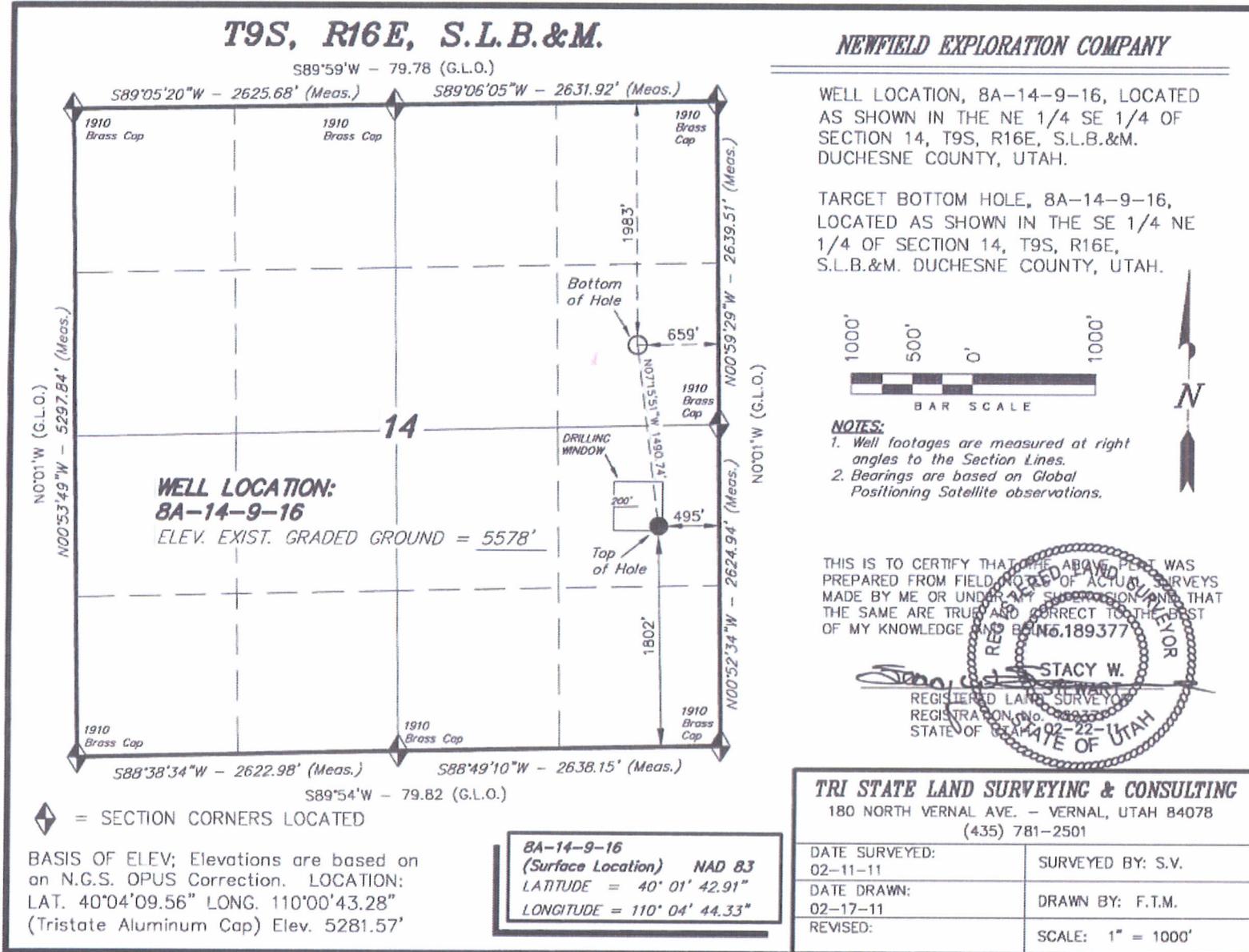


Tom Walker 8/13/09

Area Map



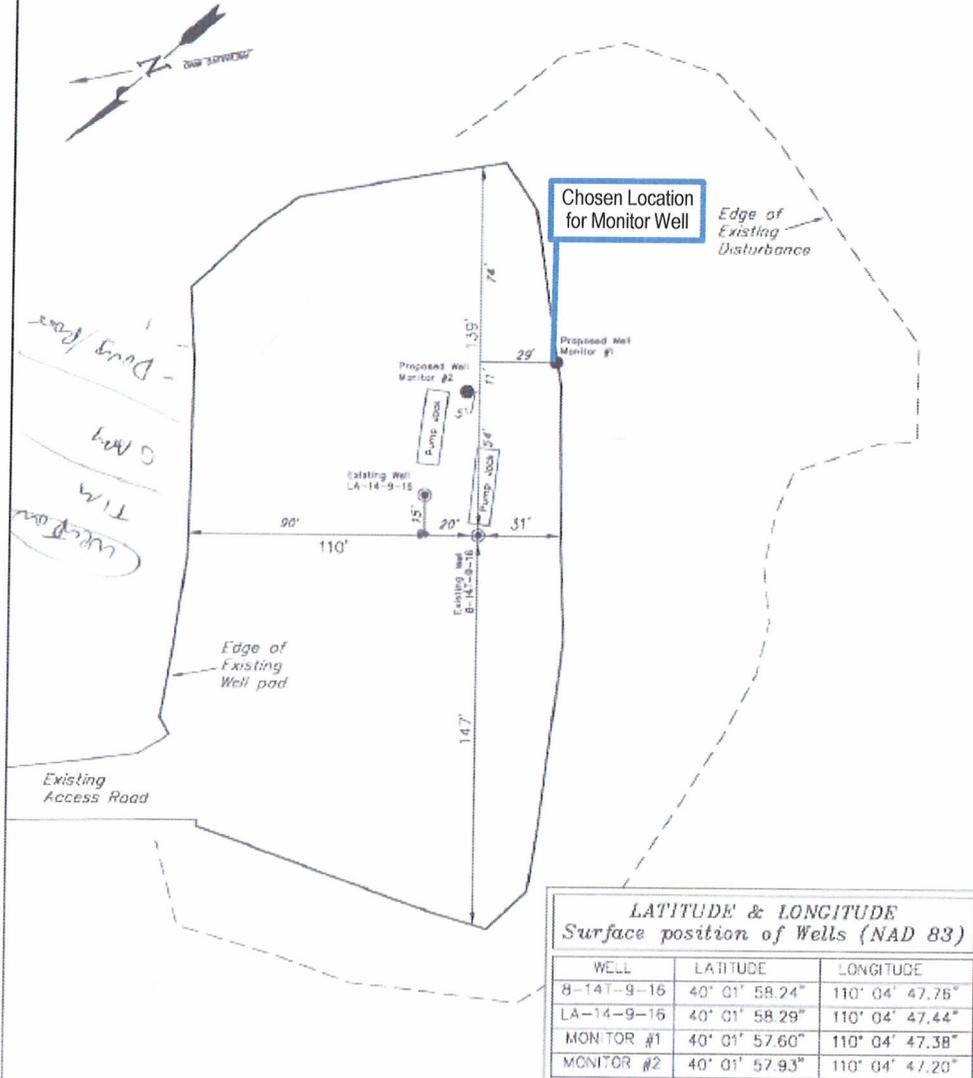
8A-14-9-16



8-14T-9-16



NEWFIELD EXPLORATION COMPANY
PRELIMINARY MONITORING WELL SITE PLAN
8-14T-9-16 (Existing Well)
LA-14-9-16 (Existing Well)
 Pad Location: SENE Section 14, T9S, R16E, S.L.B.&M.



LATITUDE & LONGITUDE
 Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
8-14T-9-16	40° 01' 58.24"	110° 04' 47.76"
LA-14-9-16	40° 01' 58.29"	110° 04' 47.44"
MONITOR #1	40° 01' 57.60"	110° 04' 47.38"
MONITOR #2	40° 01' 57.93"	110° 04' 47.20"

SURVEYED BY: C.W.	DATE SURVEYED: 03-11-11	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 03-21-11	N/A
SCALE: 1" = 50'	REVISED:	

Tri State (435) 781-2501
 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

To Date



- APD's for both wells approved
- Should wait to survey and start work due to Wildlife condition of approval(COA)
 - Mountain Plover Habitat COA ends June 15
- Decide on whether or not to drill replacement injection well
- Monitor well costs will range from \$50,000-\$60,000 depending on how we drill the well

Plan for Monitoring 8-14T-9-16 & 8-14-9-16

This document will outline the action items needed in monitoring the 8-14T and the 8-14.

1. These wells share the location of the LA-14-9-16 and can be checked every other day when the LA-14-9-16 is pumped.
2. The tubing and casing pressure for each well will be recorded and updated into oracle.
3. Both wells will need to have water samples pulled and analyzed once a year.
 - a. A rig or crane may be required to run slick line to take a sample.
 - b. This analysis will be sent to the state and to Newfield for documentation
4. If a large or significant change is noticed then the operator will immediately notify the production foreman and lead operator.
 - a. The Lead or foreman will then notify the Engineer
 - b. The Engineer will notify the state and an action will be decided on how to handle the situation.
 - c. The wells around this area may have to be shut in and the injectors will need to be turned off
 - d. Once this is done a sample from the 8-14T and 8-14 will need to be taken
 - e. A rig or crane may be needed to take a sample from the wells.
 - f. The sample will be analyzed and a copy of the analysis will be sent to the proper state representatives and one will be kept for Newfield documentation.
 - g. A plan will then be created by Newfield engineer and a state representative