



April 21, 2004

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

RE: Applications for Permit to Drill: Ashley State 2-2-9-15, 3-2-9-15, 4-2-9-15,  
5-2-9-15, 6-2-9-15, and 7-2-9-15.

Dear Diana:

Enclosed find APD's on the above referenced wells. The 4-2-9-15 and 7-2-9-15 are both Exception Locations. I have notified our Denver Office and they will be send you the appropriate letters. When these APD's are approved, please contact Brad Mecham to set up a State On-Site. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

  
Mandie Crozier  
Regulatory Specialist

mc  
enclosures

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APR 22 2004  
DIV. OF OIL, GAS & MINING

001

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

|   |  |  |
|---|--|--|
| 5. LEASE DESIGNATION AND SERIAL NO.<br><b>ML-43538</b>  |  |  |
| 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br><b>N/A</b>  |  |  |
| 7. UNIT AGREEMENT NAME<br><b>Ashley</b>   |  |  |
| 8. FARM OR LEASE NAME<br><b>Ashley</b>  |  |  |
| 9. WELL NO.<br><b>Ashley State 5-2-9-15</b>   |  |  |
| 10. FIELD AND POOL OR WILDCAT<br><b>Monument Butte</b>  |  |  |
| 11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN<br><b>SW/NW<br/>Sec. 2, T9S, R15E</b>   |  |  |
| 12. County<br><b>Duchesne</b>   |  | 13. STATE<br><b>UT</b>                                       |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*<br><b>Approximately 13.6 Miles southwest of Myton, UT</b>   |  |  |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)<br><b>Approx 462' f/lse line &amp; 462' f/unit line</b> |  |  |
| 16. NO. OF ACRES IN LEASE<br><b>621.07</b>  |  |  |
| 17. NO. OF ACRES ASSIGNED TO THIS WELL<br><b>Approximately 40</b>   |  |  |
| 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.<br><b>Approximately 1227'</b>                                    |  |  |
| 19. PROPOSED DEPTH<br><b>6500'</b>  |  |  |
| 20. ROTARY OR CABLE TOOLS<br><b>Rotary</b>  |  |  |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.)<br><b>5985' GL</b>   |  | 22. APPROX. DATE WORK WILL START*<br><b>2nd Quarter 2004</b> |

23. **PROPOSED CASING AND CEMENTING PROGRAM**

| SIZE OF HOLE     | SIZE OF CASING | WEIGHT/FOOT | SETTING DEPTH | QUANTITY OF CEMENT                  |
|------------------|----------------|-------------|---------------|-------------------------------------|
| 12 1/4           | 8 5/8          | 24#         | 290'          | 155 sx +/- 10%                      |
| 7 7/8            | 5 1/2          | 15.5#       | TD            | 275 sx lead followed by 450 sx tail |
| See Detail Below |                |             |               |                                     |

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give date 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.

**\*The actual cement volumes will be calculated off of the open hole logs, plus 15% excess:**

**SURFACE PIPE** - 155 sx Class G Cement +/I 10%, w/ 2% CaCl2 & 1/4#/sk Cello-flake  
Weight: 15.8 PPG YIELD: 1.17 Cu Ft/sk H2O Req: 5 gal/sk

**LONG STRING** - Lead: Premium Lite II Cement + 3lbs/sk BA-90 + 3% KCl + .25 lbs/sk Cello Flake + 2 lbs/sk Kol Seal + 10% Bentonite + .5% Sodium Metasilicate  
Weight: 11.0 PPG YIELD: 3.43 Cu Ft/sk H2O Req: 21.04 gal/sk

Tail: 50-50 Poz-Class G Cement + 3% KCl + .25 lbs/sk Cello Flake + 2% Bentonite + .3% Sodium Metasilicate  
Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H2O Req: 7.88 gal/sk

24. Name & Signature: Mandie Crozier Title: Regulatory Specialist Date: 4/21/04

(This space for State use only)

API Number Assigned

43-013-32583

APPROVAL: \_\_\_\_\_

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

Date: 07-19-04  
By: [Signature]

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**APR 22 2004**

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\*See Instructions On Reverse Side



CULTURAL RESOURCE INVENTORY OF  
INLAND RESOURCES' 500 ACRES IN  
TOWNSHIP 9S, RANGE 15E, SECTIONS 2 AND 3,  
DUCHESNE COUNTY, UTAH

by

Katie Simon  
and  
Keith R. Montgomery

Prepared For:

State of Utah  
School and Institutional Trust Lands Administration

and

Bureau of Land Management  
Vernal Field Office  
Vernal, Utah

Prepared Under Contract With:

Inland Resources, Inc.  
410 17<sup>th</sup> Street, Suite 700  
Denver, CO 80202

Prepared By:

Montgomery Archaeological Consultants  
P.O. Box 147  
Moab, Utah 84532

MOAC Report NO. 03-83

November 11, 2003

United States Department of Interior (FLPMA)  
Permit No. 03-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-03-MQ-0751b,s

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## ABSTRACT

In August, 2003, a cultural resource inventory of a 500 acre parcel for well development including access roads and pipelines was performed by Montgomery Archaeological Consultants for Inland Production Company. The project area is situated in the Pleasant Valley region of the Uintah Basin, in the Well's Draw vicinity, and consists of one parcel for block survey. The legal description is T 9S, R 15E, Section 2 and the NW 1/4 and SW 1/4, along with the NE 1/4 and SE 1/4 of the NE 1/4 and the NE 1/4 and SE 1/4 of the SE 1/4 of Section 3. A total of 500 acres were inventoried for cultural resources of which 462 acres are located on public lands administered by the Bureau of Land Management (BLM), Vernal Field Office, and 36.5 acres are on State of Utah School and Institutional Trust Lands Administration land.

The archaeological survey resulted in the documentation of thirteen historic temporary camps (42Dc1624, 42Dc1625, 42Dc1626, 42Dc1627, 42Dc1628, 42Dc1629, 42Dc1630, 42Dc1631, 42Dc1632, 42Dc1633, 42Dc1634, 42Dc1635, and 42Dc1636) and one isolated artifact. These thirteen sites represent temporary range camps having a restricted class of cultural materials. The artifacts present at these sites are dominated by tin cans and bottle glass dating from 1903 to the present. Features are limited to thermally altered rock concentrations or hearths, stove platforms, and depleted wood pile remnants. Additional investigations at these sites would fail to provide information relevant to historic research domains of the area as most sites are limited artifact scatters and all thermal features retain minimal integrity and depth potential. In addition, most sites are limited activity range camps, which are common site types in the area. For these reasons, all thirteen sites are recommended as not eligible to the NHRP.

Base on these findings, determination fo "no historic properties affected" is recommended for this project pursuant to Section 106, CFR 800.

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## INTRODUCTION

In August, 2003, a cultural resource inventory of a 500 acre parcel for well development including access roads and pipelines was performed by Montgomery Archaeological Consultants Inc. (MOAC) for Inland Production Company. The project area is situated in the Pleasant Valley region of the Uintah Basin, in the Well's Draw vicinity, and consists of one parcel for block survey. The legal description is T 9S, R 15E, Section 2 and the NW 1/4 and SW 1/4, along with the NE 1/4 and SE 1/4 of the NE 1/4 and the NE 1/4 and SE 1/4 of the SE 1/4 of Section 3 (Figure 1). A total of 500 acres were inventoried for cultural resources of which 462 acres are located on public lands administered by the Bureau of Land Management (BLM), Vernal Field Office, and 36.5 acres are on State of Utah School and Institutional Trust Lands Administration land.

The objective of the inventory was to locate, document and evaluate any cultural resources within the project area pursuant to a determination of "no effect" to historic properties in accord with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventory was implemented to attain compliance with a number of federal and state mandates, including the National Environmental and Historic Preservation Act of 1969, the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979 and the American Indian Religious Freedom Act of 1978.

The fieldwork was performed between August 8<sup>th</sup> and 19<sup>th</sup> by Keith R. Montgomery, Principal Investigator for Montgomery Archaeological Consultants, aided in the field by Greg Woodall and Eli Jones. The inventory was conducted under the auspices of U.S.D.I. (FLPMA) Permit No. 03-UT-60122 and State of Utah Antiquities Project (Survey) No. U-03-MQ-0751b.

A file search for previous projects and documented cultural resources was conducted by Melissa Elkins at the BLM Vernal Field Office on August 7, 2003 and at the Utah State Historic Preservation Office on August 13, 2003. These consultations indicated that one cultural resource inventory has been conducted within the immediate project area. In August 1984, Grand River Consultants, Inc. conducted a survey for an access road to Wells Draw State 4-2. No cultural resources were found (Hartley 1984). In addition, three archaeological projects have been completed in the vicinity. Montgomery Archaeological Consultants (MOAC) completed a survey for Inland Production Company in 2000, in T 9S, R 15E, Sec. 11. Two historic temporary camps (42Dc1319 is one of these), and one isolated find of artifact were documented (Montgomery and Ball 2000). In July, 2001, a cultural resource inventory of a 534 acre parcel for Inland Production Company's Ashley Unit, T9S, R15E, Sec. 10 and 11 was performed by MOAC. This investigation resulted in the documentation of ten historic temporary camps (42Dc1397, 42Dc1398, 42Dc1399, 42Dc1400, 34Dc1401, 42Dc1402, 42Dc1403, 42Dc1404, 42Dc1405, and 42Dc1406), and a previously recorded historic site (42Dc1319). One of these sites (42Dc1403) was recommended as eligible to the NRHP under Criterion (D) and it was recommended that this site be avoided by development (Elkins and Montgomery 2001). In the fall of 2002, MOAC surveyed yet another group of parcels for Inland including Parcel #9, which is located in the eastern half of Section of 11, T9S, R15E. This parcel's inventory resulted in the documentation of the following two sites: 42Dc1530—an historic temporary camp, and 42Dc1531—an historic trash scatter.

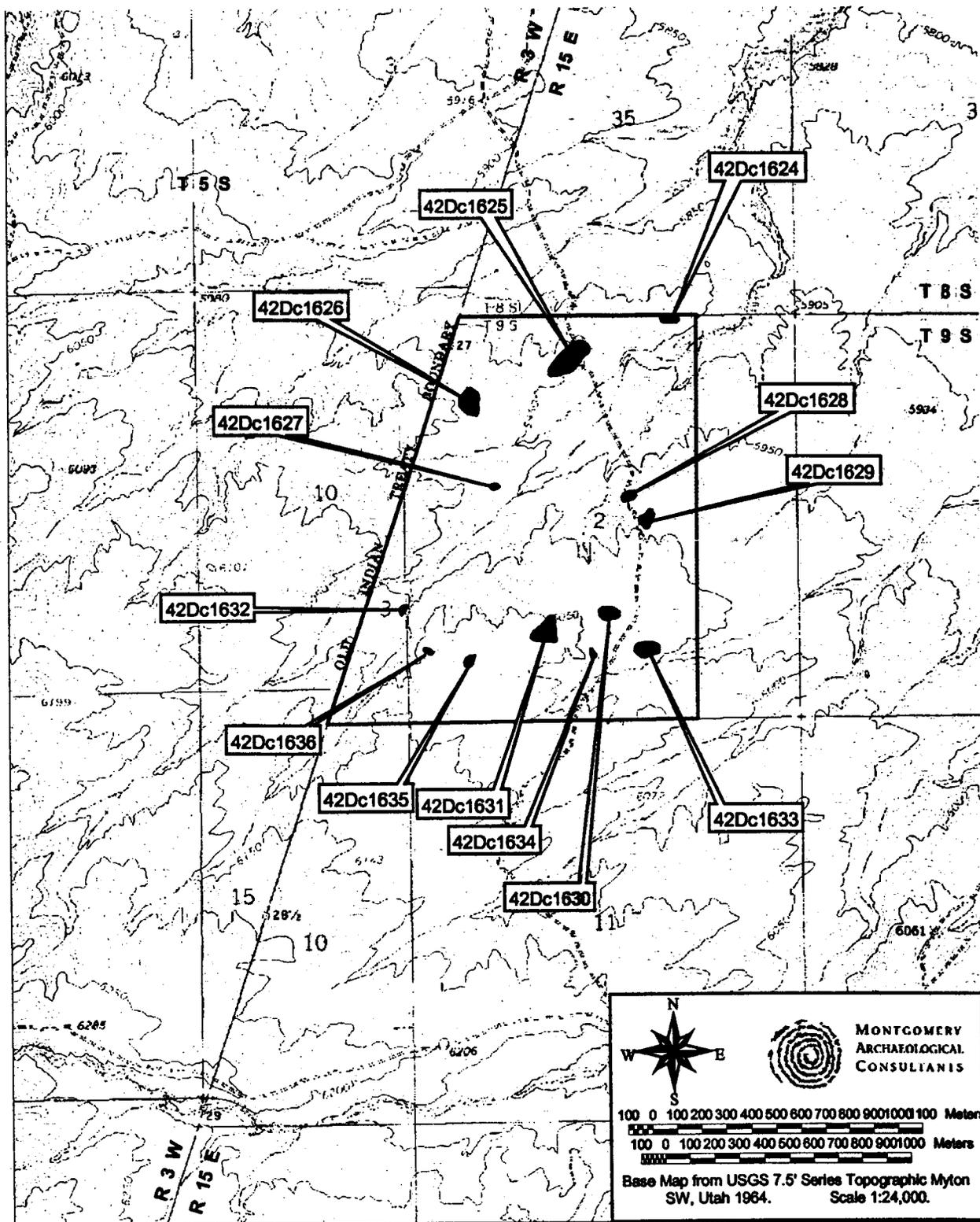


Figure 1. Inventory Area of Inland Resources' 500 Acre Parcel Showing Cultural Resources

## DESCRIPTION OF PROJECT AREA

### Environmental Setting

The project area lies in the Pleasant Valley area of the Uinta Basin, approximately 13 miles south of Myton, Utah. The inventory area consists of a 500 acre parcel, allocated for development of well locations, including access roads and pipelines. The legal description for this parcel is T9S, R15E, Section 2 and the NW 1/4 and SW 1/4, along with the NE 1/4 and SE 1/4 of the NE 1/4 and the NE 1/4 and SE 1/4 of the SE 1/4 of Section 3 (Figure 1). Topographically, this area consists of highly dissected sandstone and mudstone rock formations and broad sandy silt ridges (Stokes 1986). The elevation ranges from 5910 to 6100 asl. Wells Draw, a broad southerly-flowing drainage with sandstone and siltstone rimrock formations to the north and low terraces to the south, lies east of the project area. The project area lies within the Upper Sonoran life zone, dominated by a shadscale community intermixed with Shadscale, small rabbitbrush, galleta grass, blue gamma grass, winter fat, spiny horsebrush, globemallow, prickly pear, greasewood, buckwheat, and sand verbena. A riparian zone exists along the washes, and includes cottonwood, Russian olive, cattail, and tamarisk. Modern disturbances to the landscape include well locations, access roads, pipelines, and livestock grazing.

### Cultural Overview

The cultural-chronological sequence represented in the study area includes the Paleoindian, Archaic, Fremont, Protohistoric, and Euro-American stages. The earliest inhabitants of the region are representative of the Paleoindian stage (ca. 12,000-8,000 B.P.). This stage is characterized by the adaptation to terminal Pleistocene environments and by the exploitation of big game fauna. The presence of Paleoindian hunters in the Uinta Basin region is implied by the discovery of Clovis and Folsom fluted points (ca. 12,000 B.P. - 10,000 B.P.), as well as the more recent Plano Complex lanceolate points (ca. 10,000 B.P. - 7,000 B.P.). However, no such artifacts have been recovered in stratigraphic or chronometrically controlled contexts in northeastern Utah.

The Archaic stage (ca. 8,000 B.P. - 1,500 B.P.) is characterized by peoples depending on a foraging subsistence strategy, seasonally exploiting a wide spectrum of plant and animal species in different ecozones. The shift to an Archaic lifeway was marked by the appearance of new projectile point types perhaps reflecting the development of the atlatl in response to a need to pursue smaller and faster game (Holmer 1986). In the Uinta Basin, evidence of widespread Early Archaic exploitation is relatively sparse compared to the subsequent Middle and Late Archaic periods. Early Archaic (ca. 6000-3000 B.C.) sites in the basin include sand dune sites and rockshelters clustered mainly in the lower White River drainage as well as along the Green River in the Browns Park and Flaming Gorge (Spangler 1995:373). Projectile points recovered from Uinta Basin contexts include Pinto Series, Humboldt, Elko Series, Northern Side-notched, Hawken Side-notched, Sudden Side-notched and Rocker Base Side-notched points. Excavated sites in the area with Early Archaic components include Deluge Shelter in Dinosaur National Monument, and open campsites along the Green River and on the Diamond Mountain plateau (Spangler 1995:374). The Middle Archaic period (ca. 3000-500 B.C.) is characterized by improved climatic conditions and increased human populations on the northern Colorado Plateau. Several stratified Middle Archaic

sites have been excavated and dozens of sites have been documented in the Uinta Basin. Middle Archaic sites in the area reflect cultural influences from the Plains, although a Great Basin and/or northern Colorado Plateau influence is represented in the continuation of the Elko Series projectile points. Subsistence data from Middle Archaic components indicate gathering and processing of plants as well as faunal exploitation (e.g., mule deer, antelope, bighorn sheep, cottontail rabbit, muskrat, prairie dog, beaver and birds). The Late Archaic period (ca. 500 B.C.-A.D. 550) in the Uinta Basin is distinguished by the continuation of Elko Series atlatl points with the addition of semi-subterranean residential structures at base camps. By about A.D. 100, maize horticulture and Rose Springs arrow points had been added to the Archaic lifeway. In the Uinta Basin, the earliest evidence of Late Archaic architecture occurs at the Cockleburr Wash Site (42Un1476) where a temporary structure, probably a brush shelter, yielded a date of 316 B.C. The structure was probably associated with seasonal procurement of wild floral resources gathered along Cliff Creek.

The Formative stage (A.D. 500-1300) is recognized in the area by the Uinta Fremont as first termed by Marwitt (1970). This stage is characterized by reliance upon domesticated corn and squash, increasing sedentism, and in its later periods, substantial habitation structures, pottery, and bow and arrow weapon technology. Based on the evidence from Caldwell Village, Boundary Village, Deluge Shelter, Mantles Cave and others, the temporal range of the Uinta Fremont appears to be from A.D. 650 to 950. This variant is characterized by shallow, saucer-shaped pithouse surface structures with randomly placed postholes and off-center firepits, some of which were adobe-rimmed. Traits considered unique or predominate to the Uinta Basin include calcite-tempered pottery, two-handled wide-mouth vessels, Utah type metates, the use of gilsonite for pottery repair, settlement on tops of buttes and large-shouldered bifaces (Shields 1970).

Archaeological evidence suggests that Numic peoples appeared in east-central Utah at approximately A.D. 1100 or shortly before the disappearance of Formative-stage peoples (Reed 1994). The archaeological remains of Numic-speaking Utes consist primarily of lithic scatters with low quantities of brown ware ceramics, rock art, and occasional wickiups. The brown ware ceramics appear to be the most reliable indicator of cultural affiliation, as Desert Side-notched and Cottonwood Triangular points were manufactured by other cultural groups beside the Ute (Horn, Reed, and Chandler 1994:130). The Ute appear to have been hunter and gatherers exploiting various fauna and flora resources. According to macrobotanical and faunal data from dated components deer, elk, pronghorn, bison, and small game were acquired (Reed 1994:191). Plant materials thought to have been exploited for food include goosefoot, grass seeds, pinyon nuts, juniper berries, squawbush berries and leaves, hackberry seeds and possibly saltbush seeds, knotweed, chokecherry, and chickweed (Ibid 191).

The cultural history of the Eastern Ute, comprising the bands living east of the Green River, has been divided into four phases (Reed 1988). The earliest and most tenuous phase is the Chipeta Phase, dated between ca. 1250 and 1400. Diagnostic artifacts include Desert Side-notched, Cottonwood Triangular, and small corner-notched arrow points and possibly Shoshonean knives. The Canalla phase (ca. A.D. 1400-1650) designates the period between the appearance of well-dated Uncompahgre brown ware ceramics and the adoption of an equestrian lifeway. Diagnostic artifacts include Uncompahgre Brown Ware ceramics, Desert Side-notched and Cottonwood Triangular points, and Shoshonean knives. The pedestrian hunter and gatherers probably lived in wickiups. Near the end of the phase, some groups may have obtained trade items from Spanish settlements in New Mexico (Horn, Reed, and Chandler 1994:131). The Antero phase (ca. A.D. 1650-1881) represents a shift to a fully equestrian lifestyle and integration of

Euroamerican trade goods into Ute material culture. The horse permitted hunting of bison on the Plains and led to an increase in the importance of raiding for economic gain (Ibid 131). Euroamerican trade goods became important, and tepees as well as wickiups were inhabited. The early Utes in Uintah County were Uinta-ats, a small band of a few hundred members (Burton 1996:20). In pre-horse days, Ute family groups lived largely independently of others with key gathering, hunting, and fishing sites being communal and granted to all, within both the local and extralocal Ute communities (Ibid 340). According to Smith's (1974) informants both deer and buffalo were important game for the White River Ute band. Before the buffalo became extinct in the Uintah Basin in the 1830s, the Ute would make trips northeast of Fort Bridger in the vicinity of what is now Rock Springs and Green River, Wyoming using the horse to surround and drive the buffalo over a precipice (Callaway, Janetski, and Stewart 1986; Smith 1974). All Ute groups made tripod or conical houses with a three or four-pole foundation and a circular ground plan some 10 to 15 feet in diameter with covering brush or bark.

The first Euro-Americans in the Uinta Basin were Spanish missionaries, traveling between Sante Fe, New Mexico up through western Colorado, towards the Utah Valley, and on to California. In 1776, under the leadership of Fray Francisco Atanasio Dominguez and Fray Silvestre Velez de Escalante, the Spanish commenced to explore a northern route from Santa Fe to the garrison of Monterey on the California coast (Spangler et al. 1995). Euro-American traders were another early factor in the history of the Uinta Basin. Some of these were Spaniards, who continued to visit the region until the Mexican war of independence in 1821, when most Spanish were expelled from the Southwest. It was the beaver trade in the early part of the nineteenth century, that cemented trade with Ute and Shoshone in the area, and resulted in the establishment of trading posts along the major rivers in the area, including the Duchesne, Green, and Uinta (Spangler et al. 1995).

The settlement of the Uinta Basin differs from that of much of Utah in that early settlement in the area occurred around Indian "agencies" assigned to the Uinta and Ouray Reservations, rather than under the direction of the Mormon church (Spangler et al. 1995). These agencies consisted of cabins and a trading post with farms cropping up around the agency, and were directed by a government Indian agent. The first agency was constructed at the mouth of Daniels Canyon in 1864, and was moved several times before 1868. The Mormon church, under Brigham Young consigned survey parties to the Uinta Basin in the early 1860s, determining that the land was not very suitable for cultivation. For this reason, Mormon occupation of the area occurred later than in many parts of the state. By 1876, only a handful of ranchers, had settled the area, to be joined that year by a group of Mormons. They formed a settlement around the ranch of Pardon Dodds, an Indian agent, located in Dry Fork Canyon; later to become known as Old Ashley Town (Burton 1996). Another small group of Mormon settlers arrived in 1878, camping near the confluence of Ashley Creek, and naming their settlement Incline. In 1878, additional Mormon settlers ventured into the area; locating near what is today Vernal. With agrarian pursuits being the focus of the majority of the Mormon communities in the region, water became a leading priority. In 1880 the Rock Point Canal and Irrigation Company built a six-mile long canal from the mouth of Ashley Canyon to various homesteads in the region. The Ashley Upper Irrigation Canal was constructed in 1880 with the purpose of yielding water from the Ashley Creek to Bingham Corner. Settlement increased rapidly, and many different water projects were initiated. Most of the canals and reservoirs in the region were built after 1905 by the Uintah Irrigation Project and the Dry Gulch Irrigation Company (Spangler et al. 1995).

## SURVEY METHODOLOGY

An intensive pedestrian survey was performed for this project which is considered 100% coverage. The 500 acre parcel was examined for cultural resources by the archaeologists walking parallel transects spaced no more than 15 m apart. Ground visibility was considered good. A total of 500 acres were inventoried for cultural resources of which 462 acres are located on public lands administered by the Bureau of Land Management (BLM), Vernal Field Office, and 36.5 acres are on State of Utah School and Institutional Trust Lands Administration land.

Cultural resources were recorded as an archaeological site or isolated find of artifacts. Archaeological sites were defined as spatially definable areas with features and/or ten or more artifacts. Sites were documented by the archaeologists walking transects across the site, spaced no more than 3 m apart, and marking the locations of cultural materials with pinflags. This procedure allowed clear definition of site boundaries and artifact concentrations. At the completion of the surface inspection, a Trimble Geo XT Global Positioning System (GPS) and/or a Brunton compass was employed to point-provenience diagnostic artifacts and other relevant features in reference to the site datum, a steel rebar stamped with a temporary site number. Archaeological sites were plotted on a 7.5' USGS quadrangle, photographed, with site data entered on an Intermountain Antiquities Computer System (IMACS, 1990 version) inventory form (Appendix A). Isolated finds are defined as individual artifacts or light scatter of items, which lack sufficient material culture to warrant IMACS forms, or to derive interpretation of human behavior in a cultural and temporal context. No isolated artifacts were found during the cultural inventory for this project.

## INVENTORY RESULTS

The archaeological survey resulted in the documentation of thirteen historic temporary camps (42Dc1624, 42Dc1625, 42Dc1626, 42Dc1627, 42Dc1628, 42Dc1629, 42Dc1630, 42Dc1631, 42Dc1632, 42Dc1633, 42Dc1634, 42Dc1635, and 42Dc1636) and the recordation of one isolated find (IF-A).

### Archaeological Sites

Smithsonian Site No.: 42Dc1624

Temporary Site No.: 03-83-12

Eligibility: Not Eligible

Description: This is a temporary historic range camp situated on a finger ridge overlooking a major drainage. It measures 80 by 20 meters (1257 sq. m). The site consists of one wood pile feature and an artifact scatter including one sanitary can, two matchstick filler cans (ca. 1935-1945 and 1915-1930), a rifle cartridge with "REM\_UMC 30-30", two hay bail wire pieces, and one tobacco tin.

Smithsonian Site No.: 42Dc1625

Temporary Site No.: 03-83-14

Eligibility: Not Eligible

Description: This is a temporary historic camp situated on a narrow ridge with drainages bordering it to the north and south. It measures 180 by 90 meters (12723 sq. m) and consists of two wood pile features and one stove platform feature along with an artifact scatter. The artifact scatter includes 13 matchstick filler cans with dates ranging from 1915-1975, 15 non-diagnostic sanitary commodity cans, two spice cans, eight external friction, vertical pocket tobacco tins, one lid fragment, 12 can fragments, one screw-top jar lid, one enamel plate, one metal buckle, a harness, and three galvanized washtub fragments.

Smithsonian Site No.: 42Dc1626

Temporary Site No.: 03-83-11

Eligibility: Not Eligible

Description: This is a short-term range camp situated on a dissected ridge line and is composed of an artifact scatter and two wood pile features. The site measures 40 by 20 (628 sq. m). Artifacts include one purple medicine bottle, eight matchstick filler cans, six hole-in-cap cans, and five sanitary cans. These cans date from 1903 (1 1/16" dia. cap hole-in-cap) to 1975 (3 15/16" tall matchstick filler). There are two external friction, wire hinged lid tobacco tins, one external friction baking powder lid (2 5/16 dia.), lard bucket, one external friction 6" dia. coffee can lid, four tin can fragments, and three hay bail wire fragments.

Smithsonian Site No.: 42Dc1627

Temporary Site No.: 03-83-9

Eligibility: Not Eligible

Description: This is a temporary historic range camp situated below a ridge and on a gently sloping bench overlooking a drainage. It measures 25 by 20 meters (393 sq.m). The site consists of one sanitary can, two matchstick filler "Punch Here" cans (ca. 1935-1945), and one wood pile feature (F1).

Smithsonian Site No.: 42Dc1628  
Temporary Site No.: 03-83-8  
Eligibility: Not Eligible

Description: This is a temporary historic range camp situated on a low ridge top area with three small drainages. It measures 40 by 60 (1885 sq. m) and consists of deteriorated wood pile feature (F1) and an artifact scatter that includes one sanitary can, one matchstick filler can, 11 can fragment, six pieces of bailing wire, one leather fragment, and one unmarked crown bottle cap. This site is located approximately 30 meters northwest of 42Gr1629, a historic artifact scatter.

Smithsonian Site No.: 42Dc1629  
Temporary Site No.: 03-83-7  
Eligibility: Not Eligible

Description: This site is situated on a ridge top area and consists of an historic artifact scatter six milk cans embossed with "Punch Here," two tobacco tins, two sanitary cans, a coffee can, one spice can, and wood fragments from a broken crate, and a broom handle. The site measures 40 by 80 meters (2513 sq. m).

Smithsonian Site No.: 42Dc1630  
Temporary Site No.: 03-83-5  
Eligibility: Not Eligible

Description: This site is situated in an area of low dissected ridges and consists of approximately 35 historic trash items and the remains of a wood pile (F1). It measures 80 by 50 meters (3146 sq. m). Observed artifacts include 15 fragments of a clear jar, two lantern glass fragments, one hay bale wire tie, two pry out friction can lids, one crimped seam can with an internal friction lid, two shirt pocket tobacco tins (wire hinge/cap over type), one sanitary can and eleven milk cans. The occupation appears to date between 1910 and 1921.

Smithsonian Site No.: 42Dc1631  
Temporary Site No.: 03-83-4  
Eligibility: Not Eligible

Description: This is a range camp situated on a low dissected ridge on flat bench lands and consists of a small historic artifact scatter and four features. It measures 120 by 60 meters (5655 sq. m). The features consist of one wood pile (F1), one stone stove platform (F4), and a small and a large deflated hearth. The artifact scatter includes 21 milk cans (five of which are "Punch Here" embossed milk cans), seven sanitary food cans, 14 wire ties (hay bale), metal strap fragment, metal button ("HAWK BRAND" with embossed bird figure), a sanitary can lid, two galvanized wash tub fragments, 30 clear glass fragments, five tobacco tins (shirt pocket, wire hinge with cap over), metal buckle/slider, three horseshoe nails, galvanized wash tub ("3"), galvanized wash tub (no embossing), two suspender strap clasps, and wood chips. The site is assessed to date between 1915 and 1945.

Smithsonian Site No.: 42Dc1632  
Temporary Site No.: 03-83-6  
Eligibility: Not Eligible

Description: This is a limited activity historic site situated on a small bench in a drainage in the Uinta Basin. It measures 20 by 40 m (628 sq. m) and consists of an artifact scatter of eight hole-in-cap, four sanitary cans, one cut around lid and a 30 cm. long wood chunk. The 4 6/16" tall, 1" cap diameter milk can dates between 1903 and 1914.

**Smithsonian Site No.:** 42Dc1633  
**Temporary Site No.:** 03-83-10  
**Eligibility:** Not Eligible

**Description:** This site is a temporary historic camp situated on a low ridge. It measures 40 by 20 meters (628 sq. m). The site consists of an artifact scatter including 15 sanitary cans, 15 matchstick filler cans, one hole-in-cap milk can, one lard bucket and various lids. The earliest and latest dates for the can scatter and the entire site are 1903 (hole-in-cap) and 1970 (matchstick filler 3 15/16) based on milk can chronology. All other diagnostics fall between these with the majority of milk cans and both glass bottles dating 1933-1970 with overlapping dates of 1935-1945. Exceptions are the hole-in-cap can and one milk can, which fall outside this period at 1903-1908 and 1915-1930 respectively. There is one clear glass liquor bottle (ca. 1933-1954), and four clear glass jug fragments (ca. 1940). Other artifacts include three bailing wire fragments, a harness rigging fragment (chain links and leather), rubber tire fragments, and two galvanized wash tubs. Five features were observed including three wood piles (F1, F2, and F4) of varying sizes and two stove platform features (F2 and F5) of thermally altered, local sandstone slabs. No surficial soil staining or charcoal was observed in F2 or F5. Stove platform F3 and wood pile F4 are situated near each other near the center of the site area.

**Smithsonian Site No.:** 42Dc1634  
**Temporary Site No.:** 03-83-1  
**Eligibility:** Not Eligible

**Description:** This is a limited activity range camp situated on a low dissected ridge among flat bench lands and consists of a small historic artifact scatter and possible hearth area. It measures 20 by 40 meters (628 sq. m). Artifacts consists of one 1915-1930 milk can and a purple glass fragment.

**Smithsonian Site No.:** 42Dc1635  
**Temporary Site No.:** 03-83-2  
**Eligibility:** Not Eligible

**Description:** This is a temporary range camp located on a broad, flat ridge top and consists of a small historic artifact scatter and wood pile feature. The site measures 30 by 52 meters (1225 sq. m). Artifacts include two matchstick filler milk cans, one of which is a 1935-1945 "Punch Here" embossed can.

**Smithsonian Site No.:** 42Dc1636  
**Temporary Site No.:** 03-83-3  
**Eligibility:** Not Eligible

**Description:** This is a limited activity range camp situated on a flat ridge overlooking several drainages. It measures 20 by 10 meters (157 sq. m) and consists of one milk can, one hay bale wire and tie, and a wood pile feature. The occupation appears to date between 1930 and 1975.

### Isolated Find of Artifact

The Isolated Find A (IF-A) is located in the NE/SW/SW of Section 2, T9S, R15E; UTM 567826E/4433982N. It is a brown opaque chert knife base fragment with black inclusions in the material (4.3 x 3.2 x 0.6 cm).

### NATIONAL REGISTER OF HISTORIC PLACES EVALUATION

The National Register Criteria for Evaluation of Significance and procedures for nominating cultural resources to the National Register of Historic Places (NRHP) are outlined in 36 CFR 60.4 as follows:

The quality of significance in American history, architecture, archaeology, and culture is present in districts, sites, buildings, structures, and objects of State and local importance that possess integrity of location, design, setting, material, workmanship, feeling, and association, and that they:

- a)...are associated with events that have made a significant contribution to the broad patterns of our history; or
- b)...are associated with the lives of persons significant to our past; or
- c)...embody the distinctive characteristics of a type, period, or method of construction; or that represents the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
- d)...have yielded or may be likely to yield information important in prehistory or history.

The thirteen sites (42Dc1624, 42Dc1625, 42Dc1626, 42Dc1627, 42Dc1628, 42Dc1629, 42Dc1630, 42Dc1631, 42Dc1632, 42Dc1633, 42Dc1634, 42Dc1635, and 42Dc1636) represent temporary range camps having a restricted class of cultural materials. The diagnostic artifacts present at these sites are dominated by tin cans and bottle glass dating from 1903 to the present. Features are limited to thermally altered rock concentrations or hearths, stove platforms, and depleted wood pile remnants. Additional investigations at these sites would fail to provide information relevant to historic research domains of the area as most sites are limited artifact scatters and all thermal features retain minimal integrity and depth potential. In addition, most sites are limited activity range camps, which are common site types in the area. For these reasons, all thirteen sites are recommended as not eligible to the NHRP.

Table 1. Cultural Resources and NRHP Assessment

| Site Number | Legal Description   | Site Type      | NRHP Assessment |
|-------------|---|----------------|-----------------|
| 42Dc1624    | NE/NW/NE of Sec. 2, T9S, R15E   | Temporary Camp | Not Eligible    |
| 42Dc1625    | NE/NE/NW of Sec. 2, T9S, R15E   | Temporary Camp | Not Eligible    |
| 42Dc1626    | SE/NW/NW of Sec. 2, T9S, R15E   | Temporary Camp | Not Eligible    |
| 42Dc1627    | SE/SW/NW of Sec. 2, T9S, R15E   | Temporary Camp | Not Eligible    |
| 42Dc1628    | SW/SW/NE of Sec. 2, T9S, R15E   | Temporary Camp | Not Eligible    |
| 42Dc1629    | SE/SW/NE,<br>SW/SW/NE,<br>NW/NW/SE,<br>NE/NW/SE of Sec. 2,<br>T9S, R15E | Can Scatter    | Not Eligible    |
| 42Dc1630    | SW/NW/SE of Sec. 2, T9S, R15E   | Temporary Camp | Not Eligible    |
| 42Dc1631    | NW/SE/SW of Sec. 2, T9S, R15E   | Temporary Camp | Not Eligible    |
| 42Dc1632    | SE/NE/SE of Sec. 3, T9S, R15E   | Can Scatter    | Not Eligible    |
| 42Dc1633    | NW/SE/SW of Sec. 2, T9S, R15E   | Temporary Camp | Not Eligible    |
| 42Dc1634    | SE/SW/SE,<br>NW/SW/SE of Sec. 2,<br>T9S, R15E                           | Temporary Camp | Not Eligible    |
| 42Dc1635    | NE/SW/SW of Sec. 2, T9S, R15E   | Temporary Camp | Not Eligible    |
| 42Dc1636    | NW/SW/SW of Sec. 2, T9S, R15E   | Temporary Camp | Not Eligible    |

## REFERENCES CITED

- Burton, D.K.  
1996 *A History of Uintah County*. Utah State Historical Society, Uintah County Commission.
- Callaway, D., J. Janetski, and O.C. Stewart  
1986 Ute. In *Great Basin*, edited by Warren L. D'Azevedo, pp. 336-367. Handbook of North American Indians, Volume II: Great Basin, edited by William C. Sturtevant, Smithsonian Institution, Washington
- Elkins, M. and K.R. Montgomery  
2001 Cultural Resource Inventory of Inland's Ashley Unit, T9S, R15E, Sections 10 and 11, Duchesne County, Utah. Montgomery Archaeological Consultants, Moab, Utah. Report No. U-01-MQ-0445b.
- Hartley, J.D.  
1984 Archaeological Survey for Lomax Exploration Company's Antelope Canyon 6-23 Duchesne County, Utah. Grand River Consultants, Inc., Grand Junction, Colorado. Report No. U-84-12-0225b.
- Holmer, R.  
1986 Projectile Points of the Intermountain West. In *Anthropology of the Desert West: Essays in Honor of Jesse D. Jennings*, edited by Carol J. Condie and Don D. Fowler, pp. 89-116. *University of Utah Anthropological Papers* No. 110. Salt Lake City.
- Horn, J.C., A.D. Reed, and S.M. Chandler  
1994 Grand Resource Area Class I Cultural Resource Inventory. Alpine Archaeological Consultants, Inc. Montrose. Bureau of Land Management, Moab, Utah.
- Marwitt, J.P.  
1970 Median Village and Fremont Culture Regional Variation. *University of Utah Anthropological Papers* No. 95. Salt Lake City.
- Montgomery, K.R. and S. Ball  
2000 Cultural Resource Inventory of Inland Production Company's Wells Draw 320 Acre Parcel in Township 9S, Range 15E, Section 11, Duchesne County, Utah. Montgomery Archaeological Consultants, Moab, Utah. Report No. U-00-MQ-0610b.

Reed A.D.

1988 Ute Cultural Chronology. In *Archaeology of the Eastern Ute: A Symposium* edited by Paul R. Nickens, pp 79-101. Colorado Council of Professional Archaeologists Occasional Papers No. 1. Denver.

1994 The Numic Occupation of Western Colorado and Eastern Utah during the Prehistoric and Protohistoric Periods. In *Across the West: Human Population Movement and the Expansion of the Numa*, edited by D.B. Madsen and D. Rhode, pp. 188-199. University of Utah Press, Salt Lake City.

Shields, W.F.

1970 The Fremont Culture in the Uinta Basin. Paper presented at the Fremont Culture Symposium, 35<sup>th</sup> Annual Meeting of the Society for American Archaeology, Mexico City.

Smith, A.M.

1974 *Ethnography of the Northern Utes*. Papers in Anthropology No. 17. Museum of New Mexico Press.

Spangler, J.D., M. Rands and S.A. Bilbey

1995 Paradigms and Perspectives, A Class I Overview of Cultural Resources in the Uinta Basin and Tavaputs Plateau, Volume II. Uinta Research, Salt Lake City, Utah.

Stokes, W.L.

1986 *Geology of Utah*. Utah Museum of Natural History, University of Utah, Salt Lake City.

**APPENDIX A**

**INTERMOUNTAIN ANTIQUITIES COMPUTER SYSTEM (IMACS)  
SITE INVENTORY FORMS**

**On File At:**

**Utah Division of State History  
Salt Lake City, Utah**

**and**

**U.S. Bureau of Land Management  
Vernal Field Office**

INLAND PRODUCTION COMPANY  
ASHLEY STATE 5-2-9-15  
SW/NW SECTION 2, T9S, R15E  
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

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

|             |           |
|-------------|-----------|
| Uinta       | 0 – 1700' |
| Green River | 1700'     |
| Wasatch     | 6500'     |

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

Green River Formation 1700' – 6500' – Oil

4. **PROPOSED CASING PROGRAM:**

Surface Casing: 8-5/8" J-55 24# w/ST&C collars; set at 290' (New)  
Production Casing: 5-1/2" J-55, 15.5# w/LT&C collars; set at TD (New or used, inspected).

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

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

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

The well will be drilled with air mist system to 3200', then from 3200' +/- to TD a fresh water/polymer system will be utilized. If necessary, to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. This fresh water system typically will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride nor chromates will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

**AIR DRILLING**

In the event that the proposed location is to be "Air Drilled", Inland requests a variance to regulations requiring a straight run blooie line. Inland proposes that the flowline will contain two (2) 90-degree turns. Inland also requests a variance to regulations requiring an automatic igniter or continuous pilot light on the blooie line. Inland requests authorization to ignite as needed, and the flowline at 80'.

Inland Production Company requests that the spark arrest, exhaust, or water cooled exhaust be waived under the Special Drilling Operations of Onshore Order #2.

**MUD PROGRAM**

Surface – 3200’  
3200’ – TD’

**MUD TYPE**

fresh water or air/mist system  
fresh water system

From surface to ± 3200 feet will be drilled with either fresh water or an air/mist system, depending on the drilling contractor's preference. From about 3200 feet, or in the case of the air/mist system when hole conditions dictate, to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCL substitute additive. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite. No chromate additives will be used in the mud system.

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

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

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

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 290’ +/-, and a Compensated Neutron-Formation Density Log from TD to 3500’ +/- . A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

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

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered; or that any other abnormal hazards such as H<sub>2</sub>S will be encountered in this area.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the second quarter of 2004, and take approximately seven (7) days from spud to rig release.

INLAND PRODUCTION COMPANY  
ASHLEY STATE 5-2-9-15  
SW/NW SECTION 2, T9S, R15E  
DUCHESNE COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. EXISTING ROADS

See attached **Topographic Map “A”**

To reach Inland Production Company well location site Ashley State 5-2-9-15 located in the SW¼ NW¼ Section 2, T9S, R15E, S.L.B. & M., Duchesne County, Utah:

Proceed in a southwesterly direction out of Myton, Utah along Highway 40 approximately 1.6 miles to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 approximately 1.8 miles to its junction with State Highway 216, proceed in a southwesterly direction for another 8.6 miles to its junction with an existing road to the north; proceed northwesterly approximately 0.6 miles to its junction with an existing road to the west; proceed southwesterly approximately 1.0 miles to its junction with the beginning of a two track road to be upgraded; proceed northwesterly along the this road approximately 2,245' to its junction with the beginning of the proposed access road to the west; proceed westerly along the proposed access road approximately 2,055' to the proposed well location.

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

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

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

2. PLANNED ACCESS ROAD

Approximately 2,055' of access road is proposed. See attached **Topographic Map “B”**.

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

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

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

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

3. **LOCATION OF EXISTING WELLS**

Refer to **EXHIBIT B**.

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

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

There will not be a tank battery at this location. A Central Battery will be located at the Ashley State 10-2-9-15 location.

The Flow Lines from this well will run along access roads leading to the Central Battery located at the Ashley State 10-2-9-15 location. **See attached Topographic Map "D"**.

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

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

Fresh water purchased from the Johnson Water District will be used for drilling. A temporary poly pipeline may be used for water transportation from our existing supply line from Johnson Water District, or trucked from Inland Production Company's injection facilities – **EXHIBIT A**.

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Inland requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

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

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Inland's secondary recovery project.

Water not meeting quality criteria, is disposed at Inland's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

8. **ANCILLARY FACILITIES:**

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

9. **WELL SITE LAYOUT:**

See attached Location Layout Sheet.

**Fencing Requirements**

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

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

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

10. **PLANS FOR RESTORATION OF SURFACE:**

a) **Producing Location**

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

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

b) **Dry Hole Abandoned Location**

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

11. **SURFACE OWNERSHIP:** State of Utah

12. **OTHER ADDITIONAL INFORMATION:**

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

**The Archaeological Cultural Resource Survey for this area is attached.**

#### **Additional Surface Stipulations**

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

#### **Hazardous Material Declaration**

Inland Production Company guarantees that during the drilling and completion of the Ashley State 5-2-9-15, Inland will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Inland also guarantees that during the drilling and completion of the Ashley State 5-2-9-15 Inland will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

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

Inland Production Company or a contractor employed by Inland Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

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

13. **LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:**

Representative

Name: Brad Mecham  
Address: Inland Production Company  
Route 3, Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

Certification

Please be advised that INLAND RESOURCES, INC. is considered to be the operator of well #5-2-9-15, SW/NW Section 2, T9S, R15E, LEASE #ML-43538, 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 #4471291.

I hereby certify that the proposed drill site 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 Resources, Inc. 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 the 18 U.S.C. 1001 for the filing of a false statement.

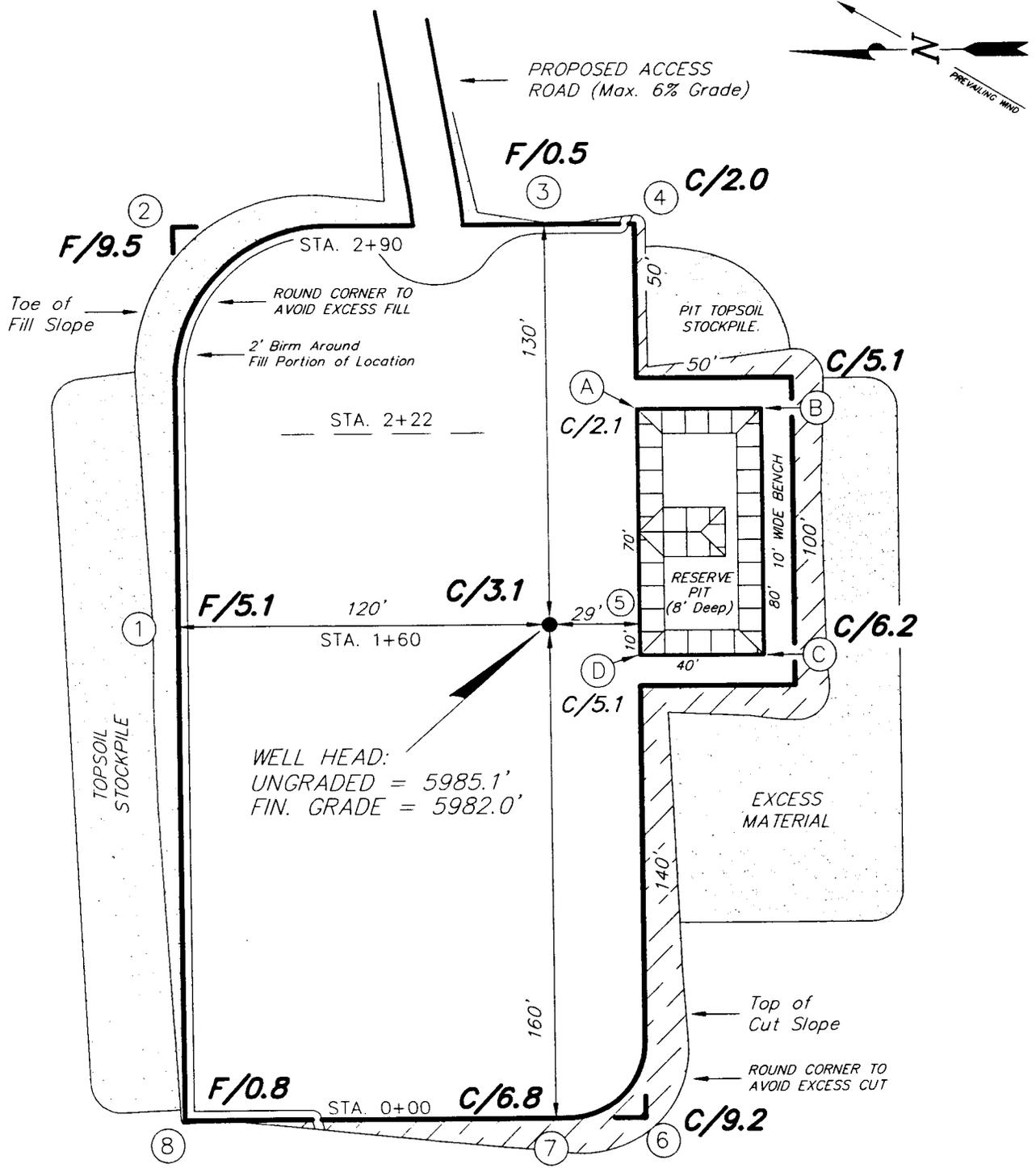
4/21/04  
Date

Mandie Crozier  
Mandie Crozier  
Regulatory Specialist  
Inland Production Company

# INLAND PRODUCTION COMPANY

## ASHLEY UNIT 5-2

Section 2, T9S, R15E, S.L.B.&M.



### REFERENCE POINTS

- 170' NORTH = 5974.5'
- 220' NORTH = 5973.0'
- 210' WEST = 5989.9'
- 260' WEST = 5989.1'

SURVEYED BY: D.J.S.

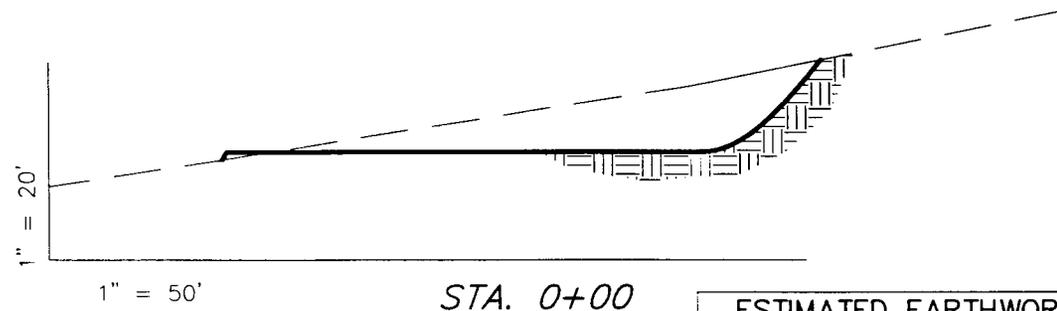
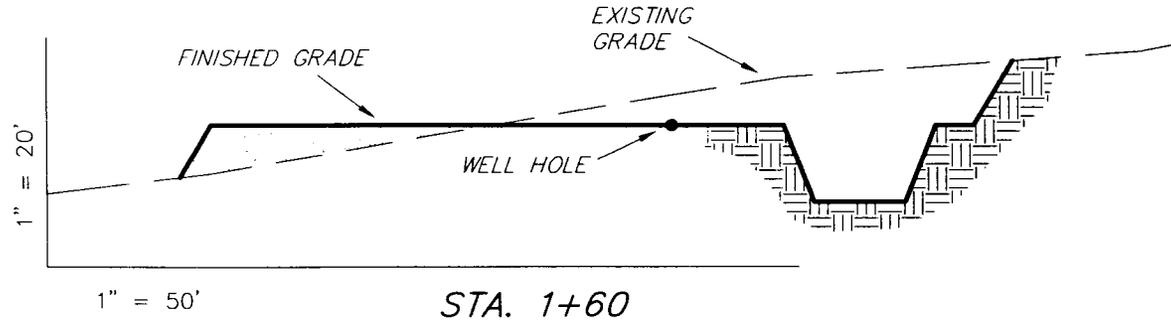
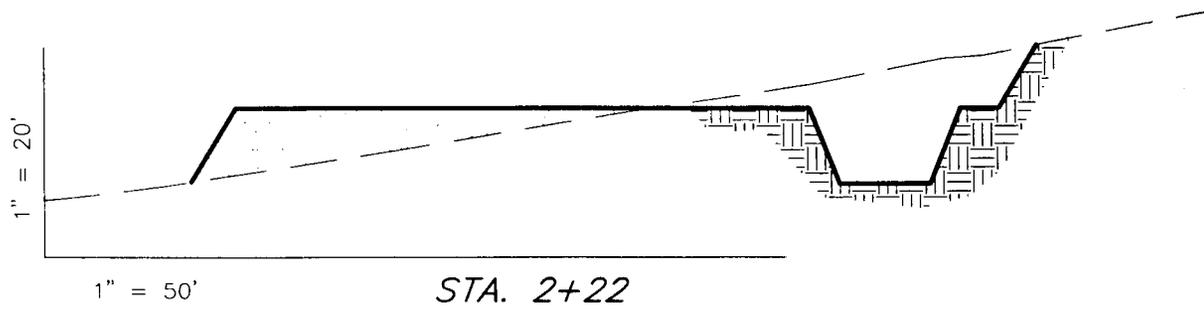
SCALE: 1" = 50'

DRAWN BY: J.R.S.

DATE: 3-30-04

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

**INLAND PRODUCTION COMPANY**  
**CROSS SECTIONS**  
**ASHLEY UNIT 5-2**



NOTE:  
 UNLESS OTHERWISE NOTED  
 ALL CUT/FILL SLOPES ARE  
 AT 1.5:1

**ESTIMATED EARTHWORK QUANTITIES**  
 (No Shrink or swell adjustments have been used)  
 (Expressed in Cubic Yards)

| ITEM          | CUT          | FILL         | 6" TOPSOIL                         | EXCESS     |
|---------------|--------------|--------------|------------------------------------|------------|
| PAD           | 3,300        | 3,300        | Topsoil is not included in Pad Cut | 0          |
| PIT           | 640          | 0            |                                    | 640        |
| <b>TOTALS</b> | <b>3,940</b> | <b>3,300</b> | <b>890</b>                         | <b>640</b> |

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

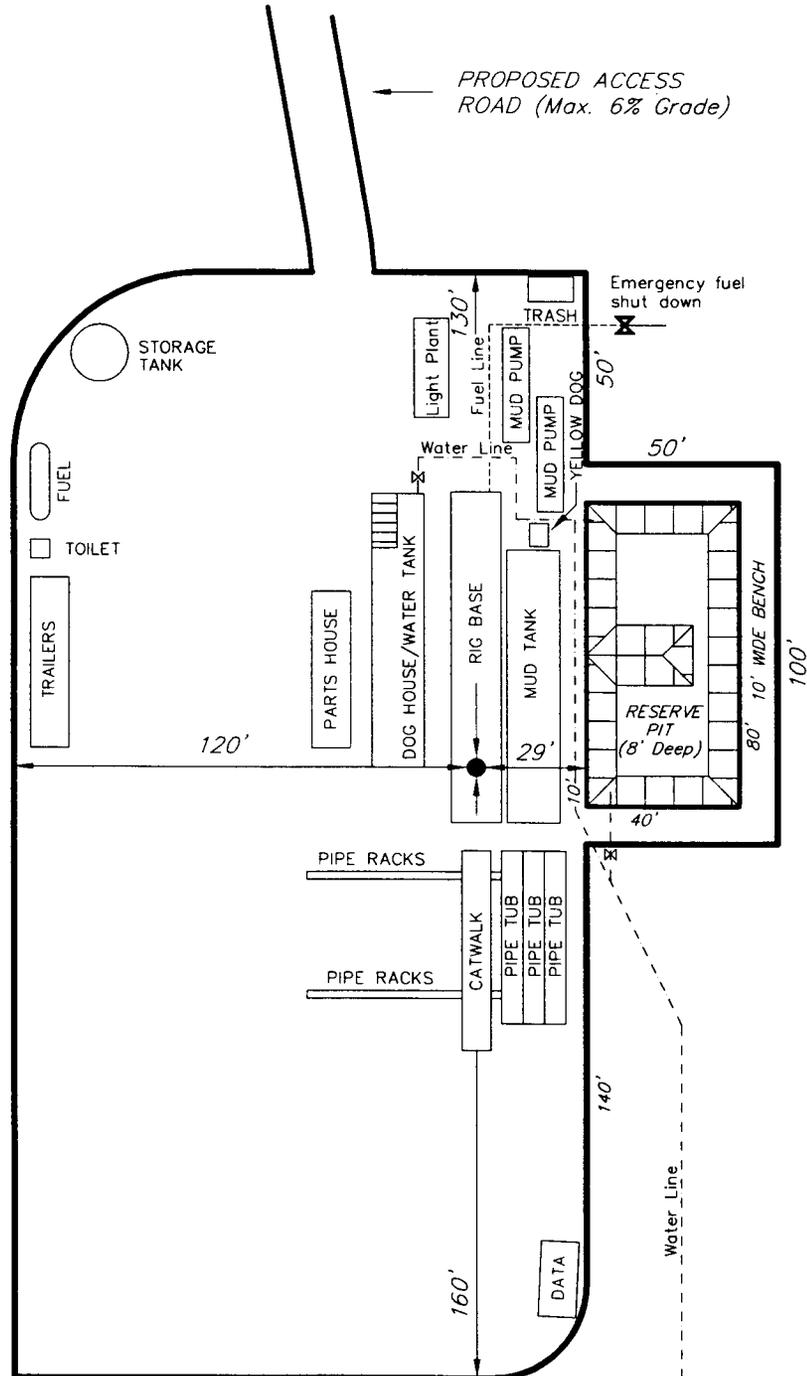
DATE: 3-30-04

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

# INLAND PRODUCTION COMPANY

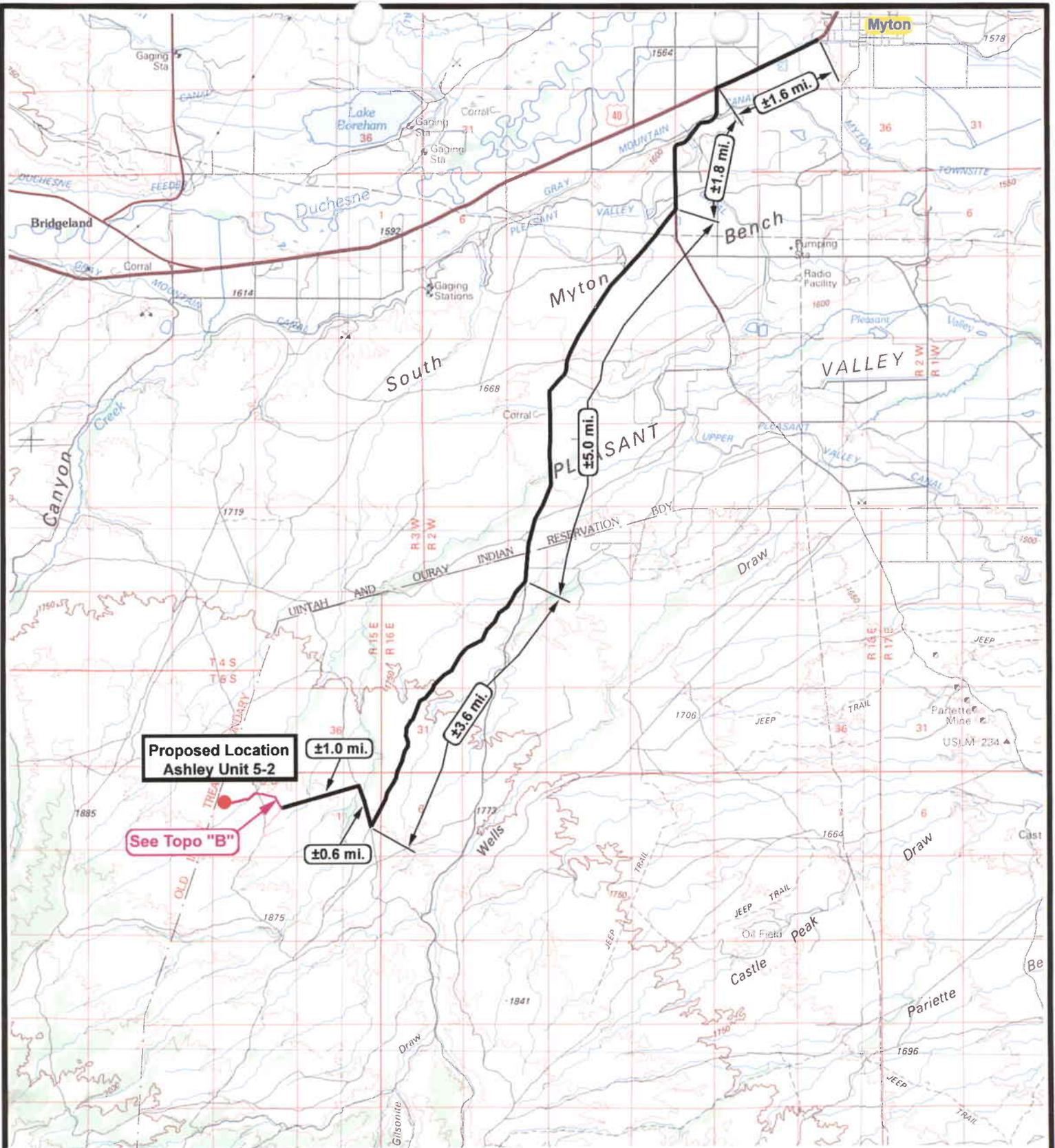
## TYPICAL RIG LAYOUT

### ASHLEY UNIT 5-2



|                     |                 |
|---------------------|-----------------|
| SURVEYED BY: D.J.S. | SCALE: 1" = 50' |
| DRAWN BY: J.R.S.    | DATE: 3-30-04   |

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



**Proposed Location  
Ashley Unit 5-2**

See Topo "B"



**Ashley Unit 5-2  
SEC. 2, T9S, R15E, S.L.B.&M.**

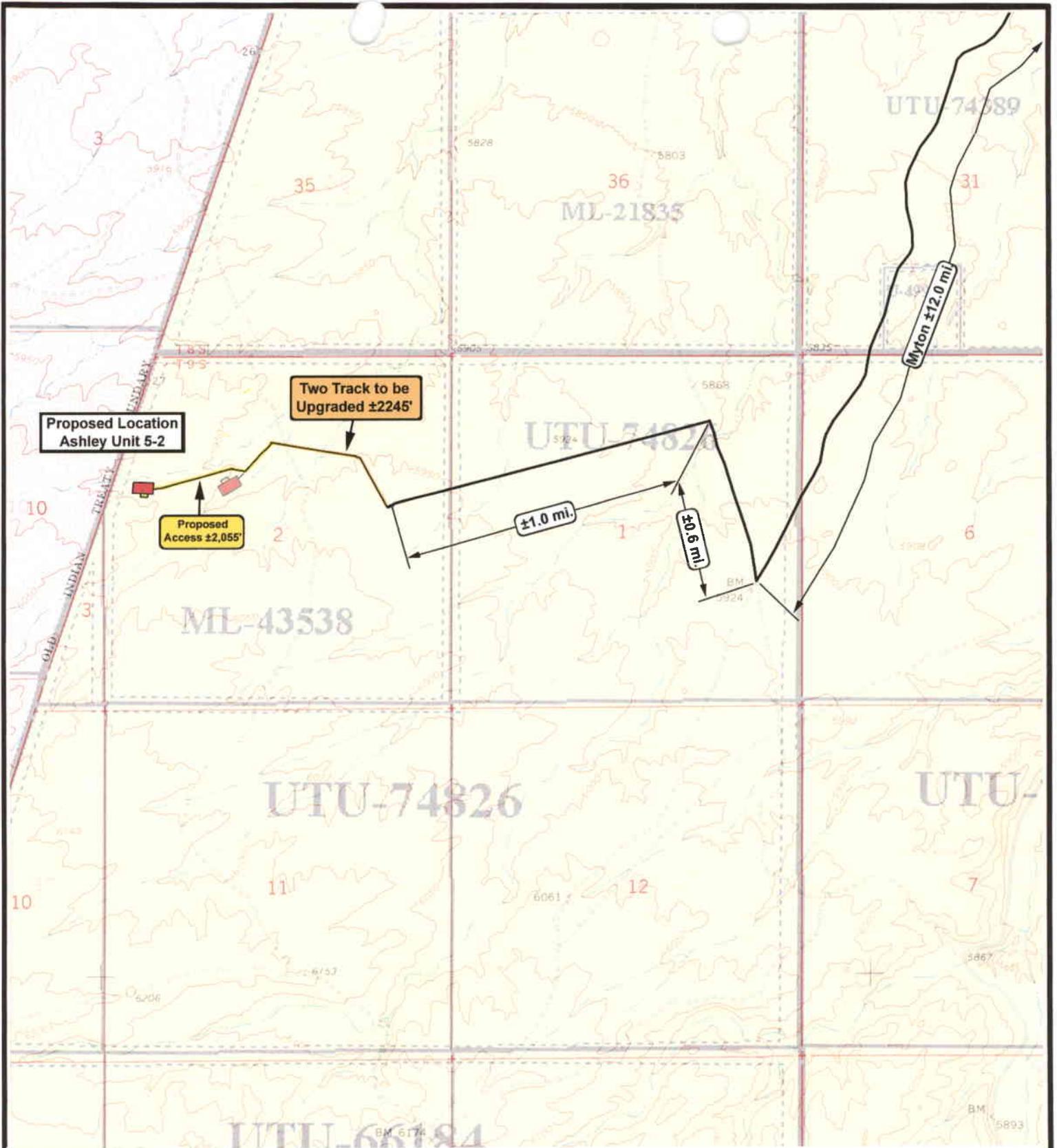


**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000  
DRAWN BY: L.C.S.  
DATE: 04-14-2004

**Legend**  
 Existing Road  
 Proposed Access

TOPOGRAPHIC MAP  
**"A"**



**Ashley Unit 5-2**  
**SEC. 2, T9S, R15E, S.L.B.&M.**



**Tri-State**  
*Land Surveying Inc.*  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: L.C.S.

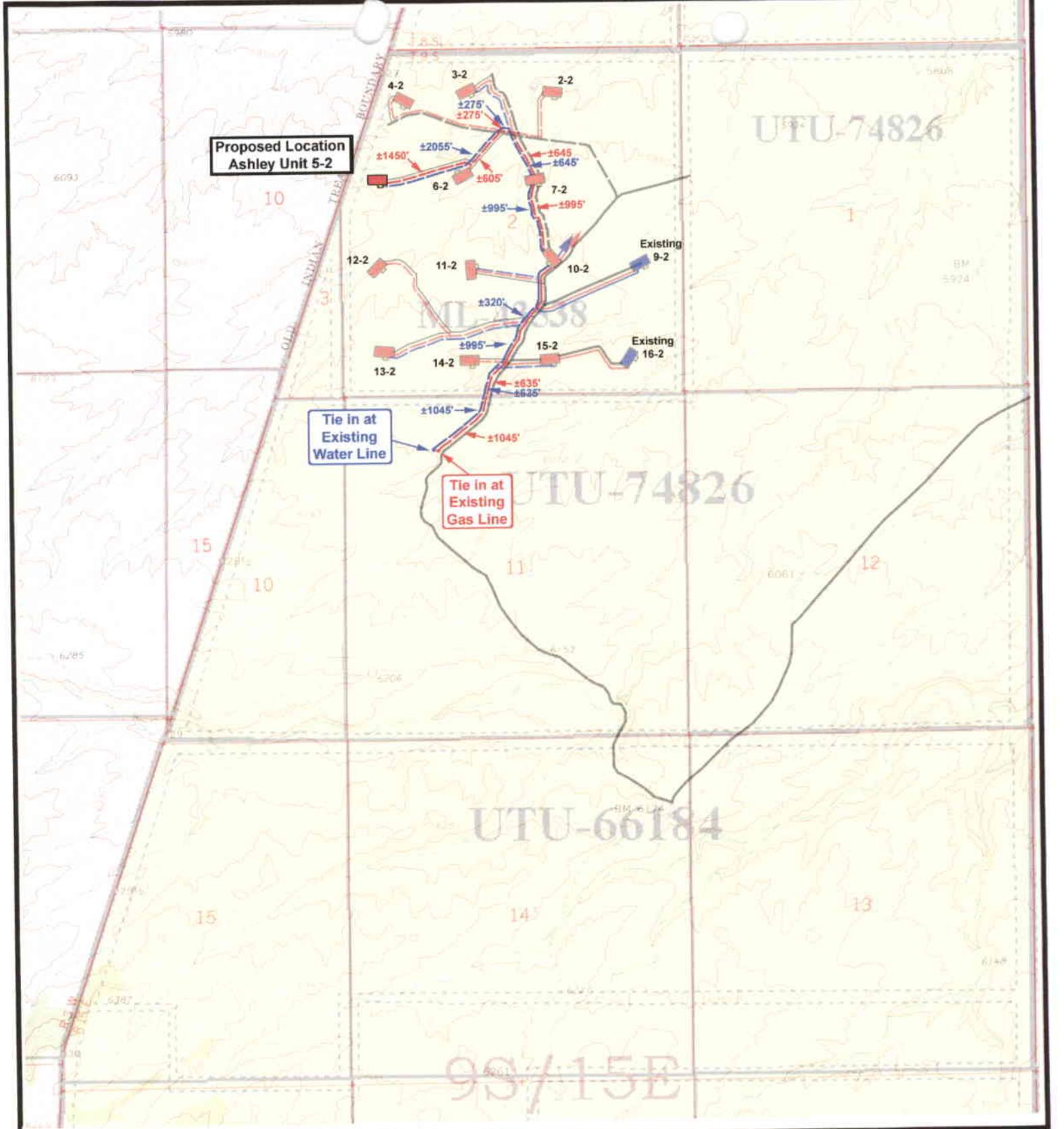
DATE: 04-14-2004

**Legend**

-  Existing Road
-  Proposed Access
-  Two Track

TOPOGRAPHIC MAP

**"B"**



**Ashley Unit 5-2**  
**SEC. 2, T9S, R15E, S.L.B.&M.**

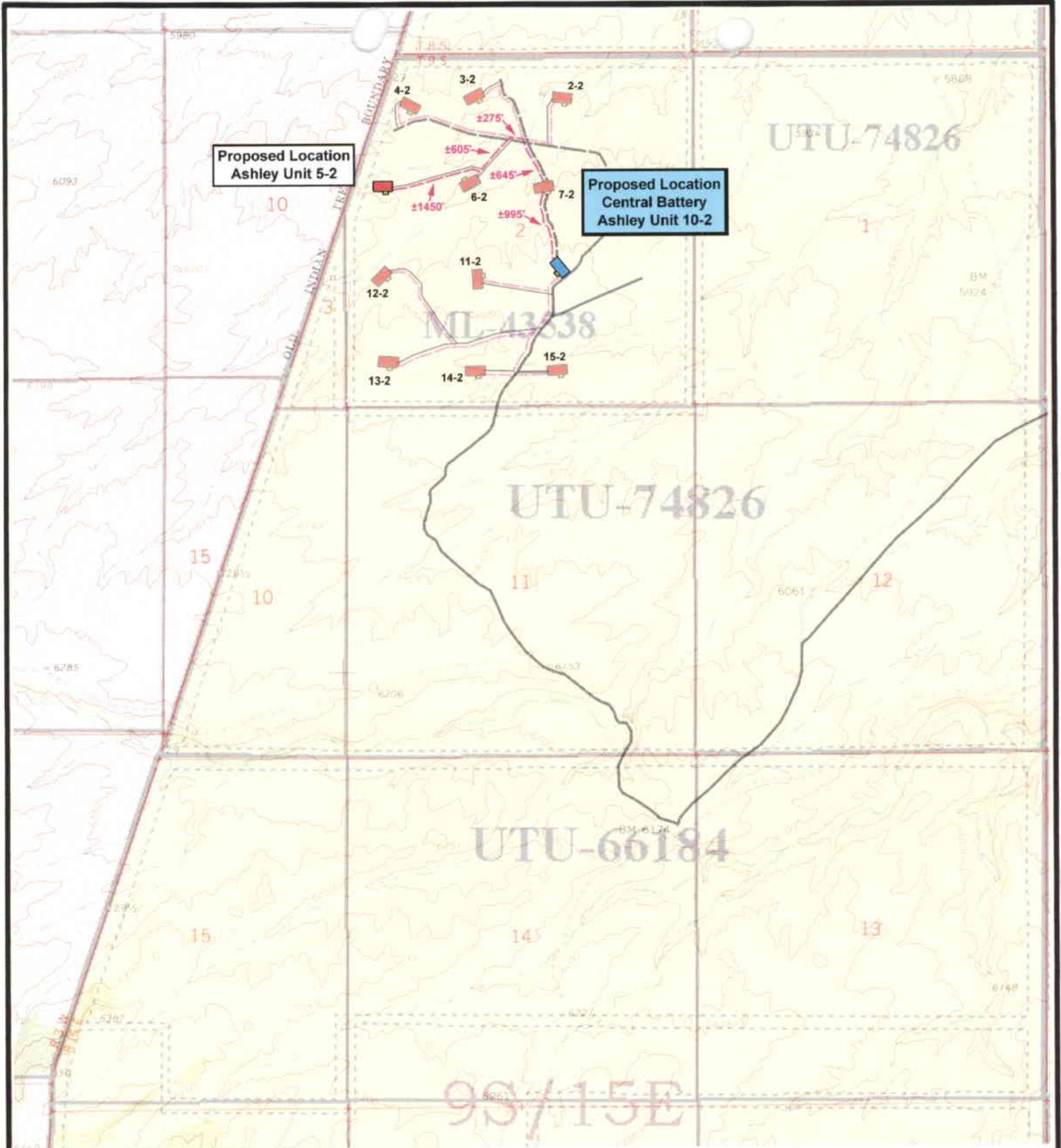


*Tri-State*  
*Land Surveying Inc.*  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
 DRAWN BY: bgm  
 DATE: 04-14-2004

| Legend |                     |
|--------|---------------------|
|        | Roads               |
|        | Existing Gas Line   |
|        | Proposed Gas Line   |
|        | Existing Water Line |
|        | Proposed Water Line |

TOPOGRAPHIC MAP  
**"C"**



**Ashley Unit 5-2  
SEC. 2, T9S, R15E, S.L.B.&M.**



**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

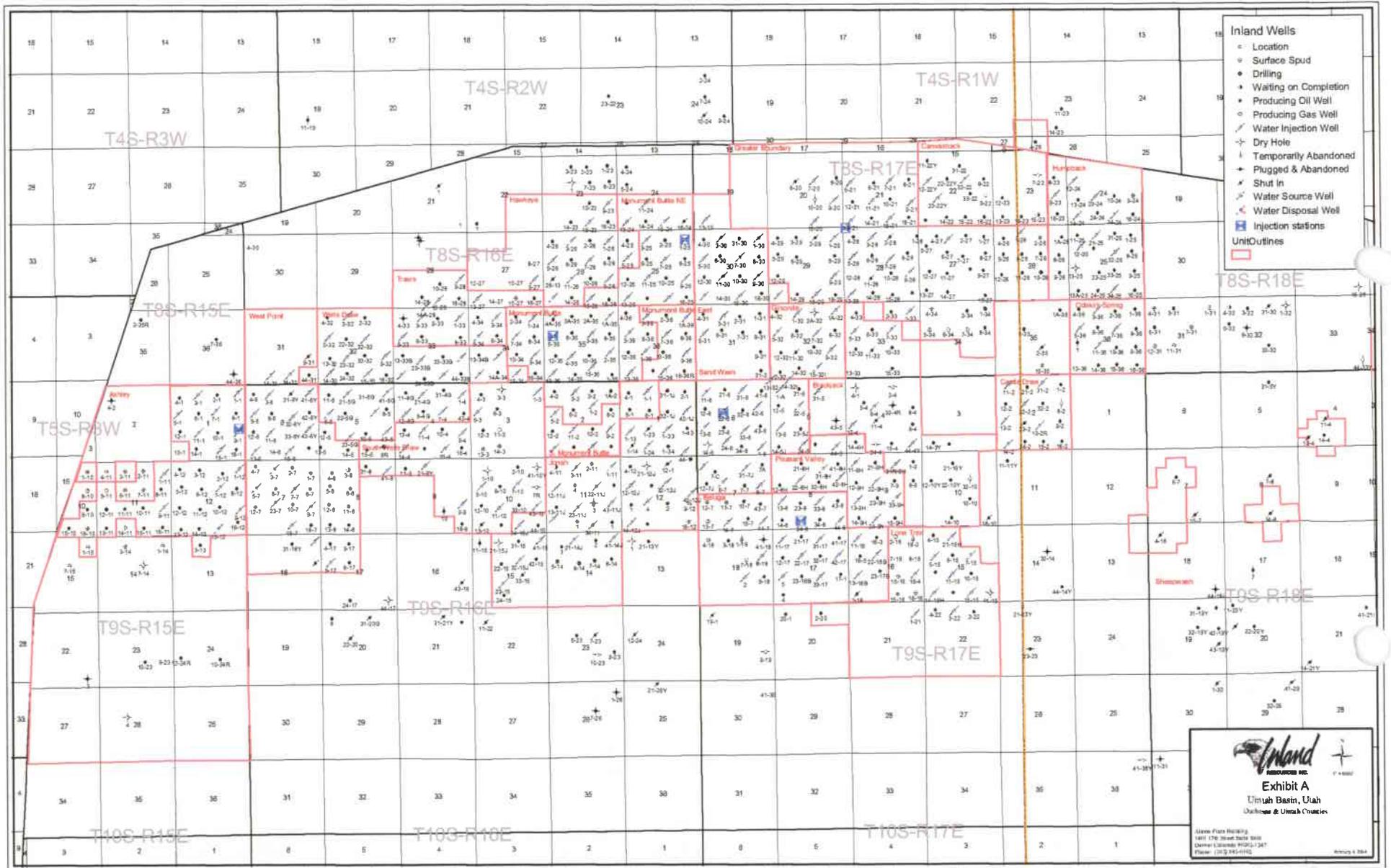
SCALE: 1" = 2,000'  
DRAWN BY: bgm  
DATE: 04-16-2004

**Legend**

- Roads
- Proposed Gas Line

TOPOGRAPHIC MAP

**"D"**



- Inland Wells**
- Location
  - Surface Spud
  - Drilling
  - Waiting on Completion
  - Producing Oil Well
  - Producing Gas Well
  - Water Injection Well
  - Dry Hole
  - Temporarily Abandoned
  - Plugged & Abandoned
  - Shut In
  - Water Source Well
  - Water Disposal Well
  - Injection stations
- Unit Outlines**
- 

**Inland**  
RESOURCES INC.

**Exhibit A**  
Uimah Basin, Utah  
Outlines & Uimah Counties

James Flannery  
 1401 17th Street Suite 200  
 Denver Colorado 80202-3417  
 Phone: (303) 851-4100

Revision 1 2011



# 2-M SYSTEM

Blowout Prevention Equipment Systems

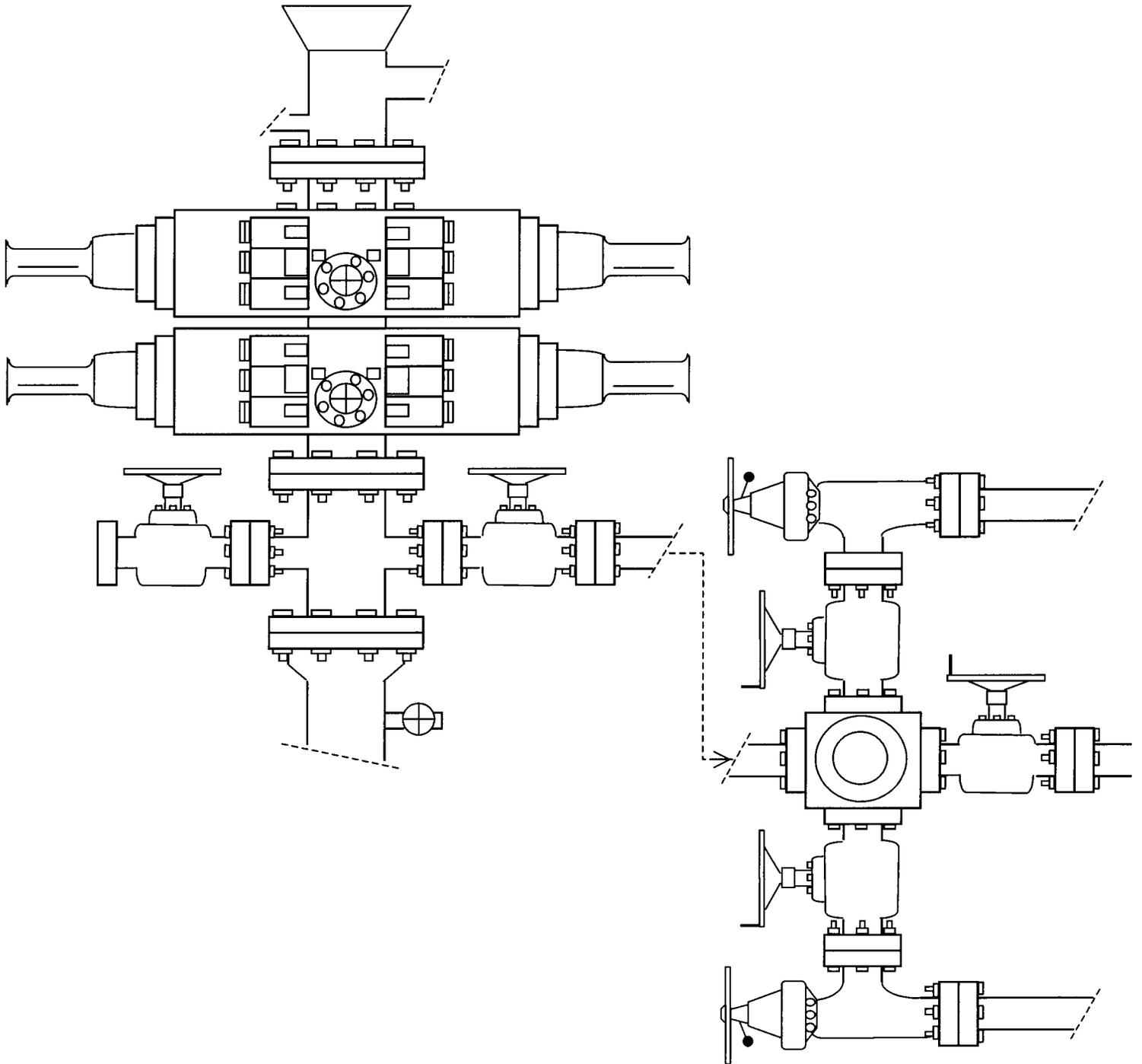


EXHIBIT C

003

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/22/2004

API NO. ASSIGNED: 43-013-32583

WELL NAME: ASHLEY ST 5-2-9-15  
OPERATOR: INLAND PRODUCTION ( N5160 )  
CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWNW 02 090S 150E  
SURFACE: 1997 FNL 0462 FWL  
BOTTOM: 1997 FNL 0462 FWL  
DUCHESNE  
MONUMENT BUTTE ( 105 )

| INSPECT LOCATN BY: / / |          |         |
|------------------------|----------|---------|
| Tech Review            | Initials | Date    |
| Engineering            | DKD      | 7/16/04 |
| Geology                |          |         |
| Surface                |          |         |

LEASE TYPE: 3 - State  
LEASE NUMBER: ML-43538 *M*  
SURFACE OWNER: 3 - State  
PROPOSED FORMATION: GRRV  
COALBED METHANE WELL? NO

LATITUDE: 40.06178  
LONGITUDE: 110.20378

RECEIVED AND/OR REVIEWED:

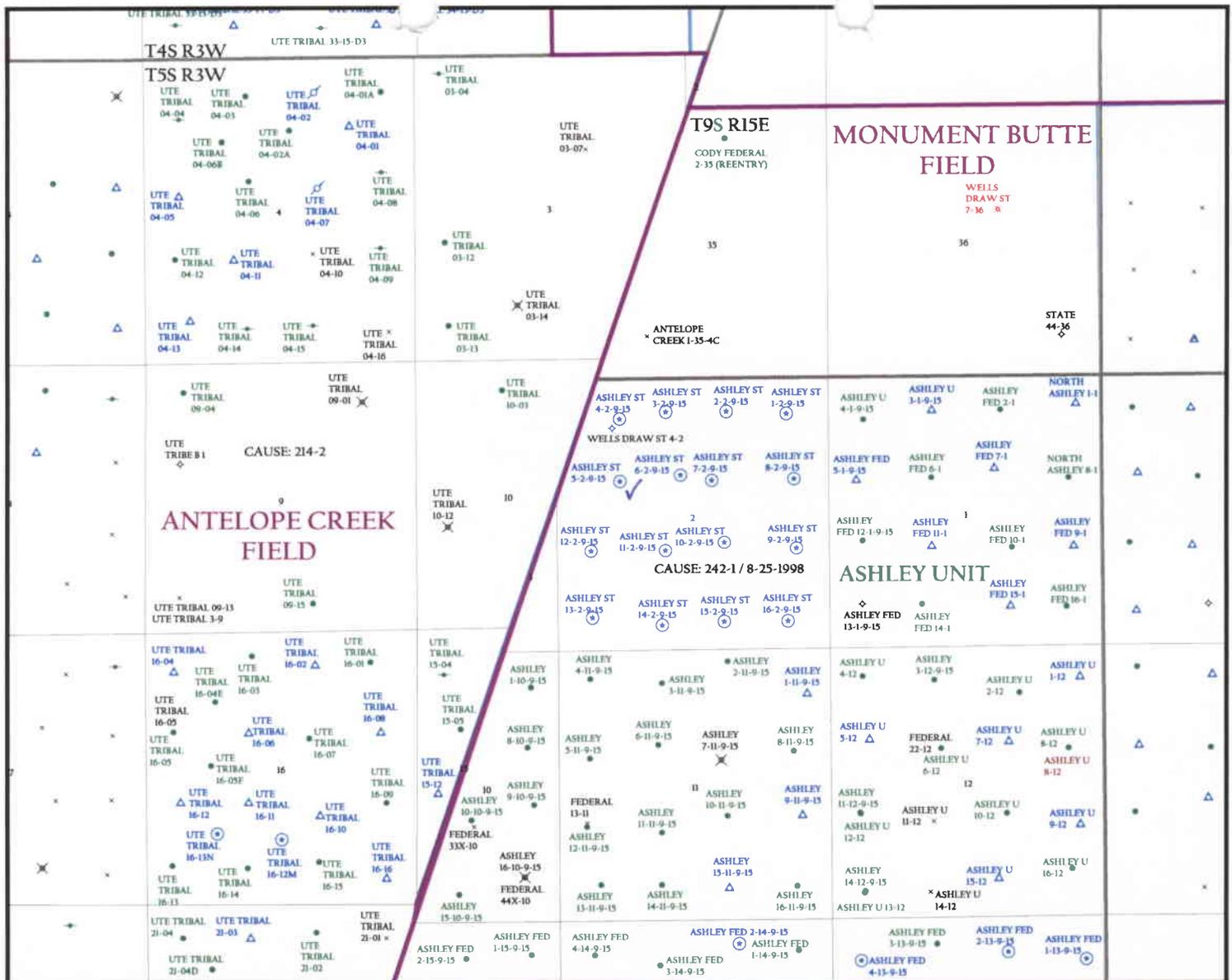
- Plat
- Bond: Fed[] Ind[] Sta[3] Fee[]  
(No. 4471291 *OK* )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. MUNICIPAL )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

- \_\_\_\_ R649-2-3.
- Unit ASHLEY
- \_\_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- \_\_\_\_ R649-3-3. Exception
- Drilling Unit  
Board Cause No: 242-1  
Eff Date: 8-25-98  
Siting: Suspends General Siting
- \_\_\_\_ R649-3-11. Directional Drill

COMMENTS: Needs Permit (06-24-04)

STIPULATIONS: 1 - Surface Csg Cont Stip  
2 - STATEMENT OF BASIS



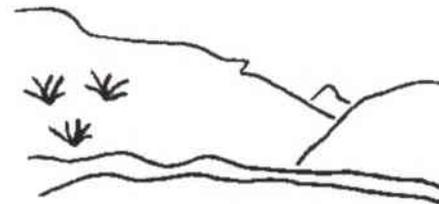
OPERATOR: INLAND PROD INC (N5160)

SEC. 2 T.9S, R.15E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 242-1 / 8-25-1998



Utah Oil Gas and Mining

Well Status

- ⚡ GAS INJECTION
- ◻ GAS STORAGE
- × LOCATION ABANDONED
- ⊕ NEW LOCATION
- ◇ PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- × TEMP. ABANDONED
- TEST WELL
- △ WATER INJECTION
- ◆ WATER SUPPLY
- ⚡ WATER DISPOSAL

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Field Status

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED



PREPARED BY: DIANA WHITNEY  
DATE: 26-APRIL-2004

**DIVISION OF OIL, GAS AND MINING  
APPLICATION FOR PERMIT TO DRILL  
STATEMENT OF BASIS**

**OPERATOR:** Inland Production Company  
**WELL NAME & NUMBER:** Ashley State #5-2-9-15  
**API NUMBER:** 43-013-32583  
**LOCATION:** 1/4,1/4 SW/NW Sec: 2 TWP: 9S RNG: 15E 1997 FNL 462 FWL

**Geology/Ground Water:**

Inland proposes to set 290' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 400'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of section 2. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement program should adequately protect any useable ground water and nearby wells.

**Reviewer:** Brad Hill **Date:** 06/29/04

**Surface:**

The Roosevelt Office conducted onsite with Inland for this well on June 24, 2004 to take input and address any concerns regarding the construction and drilling of said well. Ed Bonner with SITLA was notified by telephone and through email one week prior to the onsite visit to allow the landowner input regarding surface use. Likewise, Floyd Bartlett with UDWR was also notified to address any wildlife concerns they might have with this project. Representatives (Ed Bonner) from SITLA have given UDWR the authorization to provide reclamation seed mixture to DOGM and the operator for future reclamation use. No critical or sensitive wildlife species were documented by UDWR as a problem with this project. This well was staked within the 200 foot tolerance required by 40 acre spacing. The surface slopes gently toward the north and doesn't provide any construction problems. A shallow wash was present north and east of proposed location. There wasn't any surface (or known sub-surface water) in the area and therefore a reserve pit liner is optional. However, if blasting is needed to construct pit or if the pit does not hold water a liner should be installed.

**Reviewer:** Dennis L. Ingram **Date:** June 28, 2004

**Conditions of Approval/Application for Permit to Drill:**

None.

**ON-SITE PREDRILL EVALUATION**  
**Division of Oil, Gas and Mining**

OPERATOR: Inland Production Company  
WELL NAME & NUMBER: Ashley State #5-2-9-15  
API NUMBER: 43-013-32583  
LEASE: ML-43538 FIELD/UNIT: Monument Butte (Ashley)  
LOCATION: 1/4,1/4 SW/NW Sec: 2 TWP: 9S RNG: 15E 1997 FNL 462 FWL  
LEGAL WELL SITING: Siting is suspended within the unit.  
GPS COORD (UTM): X =0567716 E; Y =4434711 N SURFACE OWNER: SITLA

**PARTICIPANTS**

Dennis L. Ingram (DOGM) Brad Mecham (Inland) Floyd Bartlett (UDWR)

**REGIONAL/LOCAL SETTING & TOPOGRAPHY**

Well site is proposed approximately 15 miles southwest of Myton, Utah and accessed from the Pleasant Valley, Wells Draw road off Highway 40, in tabletop, rolling hill type habitat that dips to the north and east. This region is arid and has shallow washes that drain from the southwest to the northeast. The Old Indian Treaty Boundary cuts across the northwest corner of this section in a north/northeasterly fashion.

**SURFACE USE PLAN**

CURRENT SURFACE USE: Domestic grazing, wildlife use, recreational

PROPOSED SURFACE DISTURBANCE: Proposed upgrading 2245' of existing two track road, an additional 2,055' of new access, plus location measuring 290'x 149' plus reserve pit and topsoil storage outside of that area.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: 03-14; 03-13; 2-9; 2-10; 1-10; 1-15; 1-10; 4-1; 5-1; 12-1; 9-2; 16-2; 2-11; 3-11; 4-11

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: Pump jack and line heater on location with production pumped and separated at the AS#10-2; pipeline along access road.

SOURCE OF CONSTRUCTION MATERIAL: Native cut and fill

ANCILLARY FACILITIES: None requested

**WASTE MANAGEMENT PLAN:**

Submitted to the division with Application to Drill

**ENVIRONMENTAL PARAMETERS**

AFFECTED FLOODPLAINS AND/OR WETLANDS: N/A

FLORA/FAUNA: Rabbitbrush, black sage, greasewood (abundant topsoil); antelope, possibly sage grouse, prairie dogs and other smaller mammals

SOIL TYPE AND CHARACTERISTICS: tan, fine-grained sandy loam

SURFACE FORMATION & CHARACTERISTICS: Uintah

EROSION/SEDIMENTATION/STABILITY: minor erosion, some sedimentation, no stability problems anticipated.

PALEONTOLOGICAL POTENTIAL: None observed during onsite visit

**RESERVE PIT**

CHARACTERISTICS: Proposed on south side of location in cut and having prevailing winds adjacent to wellhead, measuring 90'x 40'x 8' deep

LINER REQUIREMENTS (Site Ranking Form attached): 15 points

**SURFACE RESTORATION/RECLAMATION PLAN**

According to stipulations provided by SITLA; seed mixture for surface was provided by the Utah Division of Wildlife Habitat Department

SURFACE AGREEMENT: Yes

CULTURAL RESOURCES/ARCHAEOLOGY: Survey was done and submitted to the division with Application to Drill.

**OTHER OBSERVATIONS/COMMENTS**

Surface slopes to the north, shallow, dry drainage to north, area is classified as critical yearlong antelope habitat, no impact.

**ATTACHMENTS**

Photos of this location were taken and placed on file.

Dennis L. Ingram  
DOGM REPRESENTATIVE

June 24, 2004 09:30 AM  
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score  
For Reserve and Onsite Pit Liner Requirements**

| <u>Site-Specific Factors</u>                            | <u>Ranking</u> | <u>Site Ranking</u> |
|---|----------------|---------------------|
| Distance to Groundwater (feet)                          |                |                     |
| >200  | 0              |                     |
| 100 to 200  | 5              |                     |
| 75 to 100   | 10             |                     |
| 25 to 75  | 15             |                     |
| <25 or recharge area                                    | 20             | <u>    0</u>        |
| Distance to Surf. Water (feet)                          |                |                     |
| >1000   | 0              |                     |
| 300 to 1000   | 2              |                     |
| 200 to 300  | 10             |                     |
| 100 to 200  | 15             |                     |
| < 100   | 20             | <u>    0</u>        |
| Distance to Nearest Municipal Well (feet)               |                |                     |
| >5280   | 0              |                     |
| 1320 to 5280  | 5              |                     |
| 500 to 1320   | 10             |                     |
| <500  | 20             | <u>    0</u>        |
| Distance to Other Wells (feet)                          |                |                     |
| >1320   | 0              |                     |
| 300 to 1320   | 10             |                     |
| <300  | 20             | <u>    0</u>        |
| Native Soil Type  |                |                     |
| Low permeability  | 0              |                     |
| Mod. permeability                                       | 10             |                     |
| High permeability                                       | 20             | <u>   10</u>        |
| Fluid Type  |                |                     |
| Air/mist  | 0              |                     |
| Fresh Water   | 5              |                     |
| TDS >5000 and <10000                                    | 10             |                     |
| TDS >10000 or Oil Base Mud Fluid                        | 15             |                     |
| containing significant levels of hazardous constituents | 20             | <u>    5</u>        |
| Drill Cuttings  |                |                     |
| Normal Rock   | 0              |                     |
| Salt or detrimental                                     | 10             | <u>    0</u>        |
| Annual Precipitation (inches)                           |                |                     |
| <10   | 0              |                     |
| 10 to 20  | 5              |                     |
| >20   | 10             | <u>    0</u>        |
| Affected Populations                                    |                |                     |
| <10   | 0              |                     |
| 10 to 30  | 6              |                     |
| 30 to 50  | 8              |                     |
| >50   | 10             | <u>    0</u>        |
| Presence of Nearby Utility Conduits                     |                |                     |
| Not Present   | 0              |                     |
| Unknown   | 10             |                     |
| Present   | 15             | <u>    0</u>        |

**Final Score**                15        (Level   II   Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.  
Sensitivity Level II = 15-19; lining is discretionary.  
Sensitivity Level III = below 15; no specific lining is required.

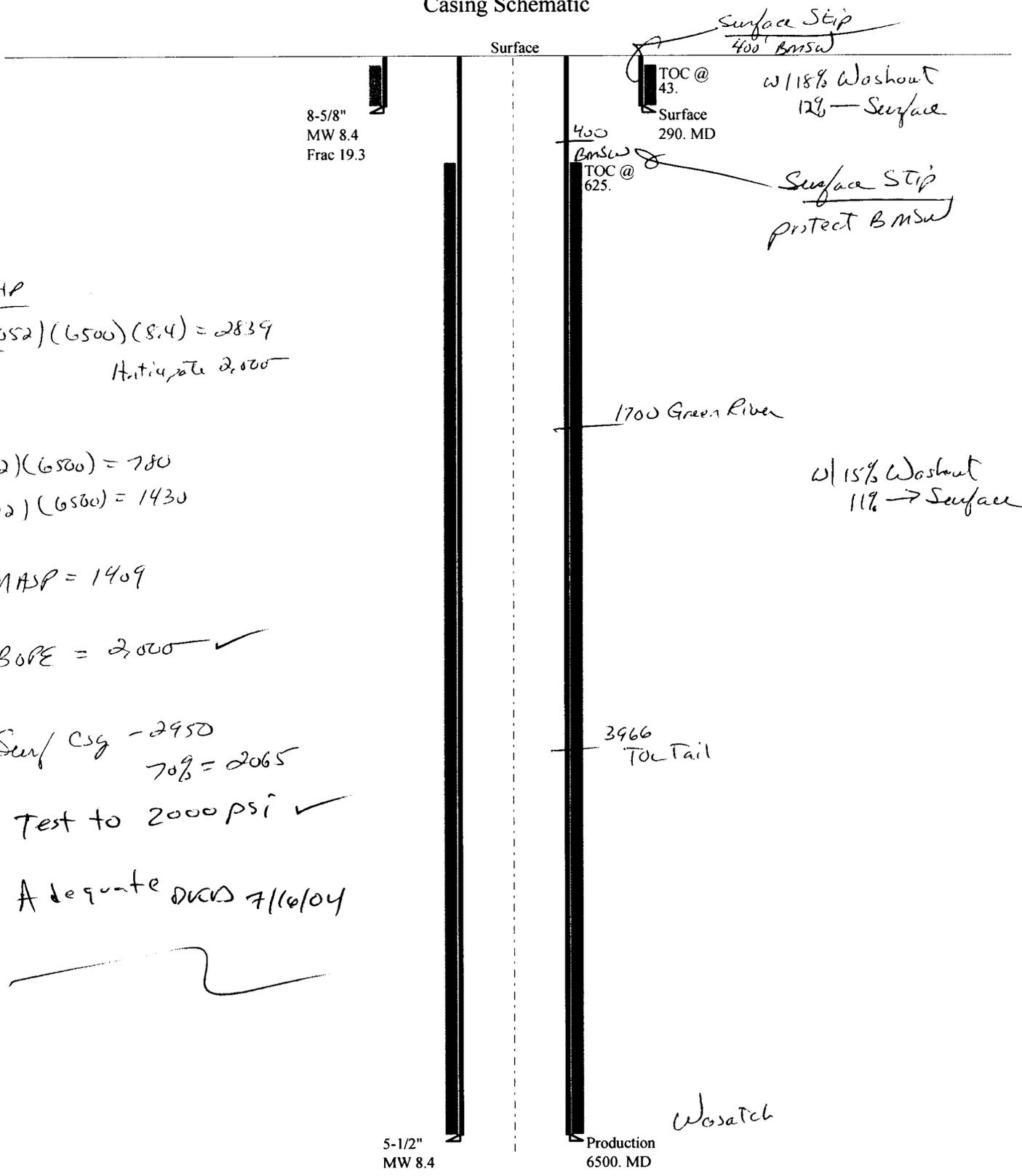






07-04 Inland AS 5-2-9-15

Casing Schematic



BHP

$(.052)(6500)(8.4) = 2839$   
Anti-crate 2,000

$(.12)(6500) = 780$   
 $(.22)(6500) = 1430$

MASP = 1409

BOPE = 2,000 ✓

Surf csg - 2950  
70% = 2065

Test to 2000 psi ✓

Adequate DWS 7/16/04



|              |                                  |              |
|--------------|----------------------------------|--------------|
| Well name:   | <b>07-04 Inland AS 5-2-9-15</b>  |              |
| Operator:    | <b>Inland Production Company</b> | Project ID:  |
| String type: | Surface                          | 43-013-32583 |
| Location:    | Duchesne County                  |              |

|   |                                    |                                     |
|---|------------------------------------|-------------------------------------|
| <b>Design parameters:</b>               | <b>Minimum design factors:</b>     | <b>Environment:</b>                 |
| <b>Collapse</b>                         | <b>Collapse:</b>                   | H2S considered? No                  |
| Mud weight: 8.400 ppg                   | Design factor: 1.125               | Surface temperature: 65 °F          |
| Design is based on evacuated pipe.      |                                    | Bottom hole temperature: 69 °F      |
|   |                                    | Temperature gradient: 1.40 °F/100ft |
|   |                                    | Minimum section length: 290 ft      |
|   | <b>Burst:</b>                      | Cement top: 43 ft                   |
|   | Design factor: 1.00                |                                     |
| <b>Burst</b>                            |                                    |                                     |
| Max anticipated surface pressure: 0 psi |                                    | Non-directional string.             |
| Internal gradient: 0.436 psi/ft         | <b>Tension:</b>                    |                                     |
| Calculated BHP: 127 psi                 | 8 Round STC: 1.80 (J)              |                                     |
| No backup mud specified.                | 8 Round LTC: 1.80 (J)              |                                     |
|   | Buttress: 1.60 (J)                 |                                     |
|   | Premium: 1.50 (J)                  |                                     |
|   | Body yield: 1.50 (B)               |                                     |
|   | Tension is based on buoyed weight. | <b>Re subsequent strings:</b>       |
|   | Neutral point: 253 ft              | Next setting depth: 6,500 ft        |
|   |                                    | Next mud weight: 8.400 ppg          |
|   |                                    | Next setting BHP: 2,836 psi         |
|   |                                    | Fracture mud wt: 19.250 ppg         |
|   |                                    | Fracture depth: 290 ft              |
|   |                                    | Injection pressure: 290 psi         |

| Run Seq | Segment Length (ft) | Size (in) | Nominal Weight (lbs/ft) | Grade | End Finish | True Vert Depth (ft) | Measured Depth (ft) | Drift Diameter (in) | Internal Capacity (ft³) |
|---------|---------------------|-----------|-------------------------|-------|------------|----------------------|---------------------|---------------------|-------------------------|
| 1       | 290                 | 8.625     | 24.00                   | J-55  | ST&C       | 290                  | 290                 | 7.972               | 14                      |

| Run Seq | Collapse Load (psi) | Collapse Strength (psi) | Collapse Design Factor | Burst Load (psi) | Burst Strength (psi) | Burst Design Factor | Tension Load (Kips) | Tension Strength (Kips) | Tension Design Factor |
|---------|---------------------|-------------------------|------------------------|------------------|----------------------|---------------------|---------------------|-------------------------|-----------------------|
| 1       | 127                 | 1370                    | 10.826                 | 127              | 2950                 | 23.31               | 6                   | 244                     | 40.12 J               |

Prepared by: Clinton Dworshak, Utah Div. of Oil & Mining  
 Phone: 801-538-5280, FAX: 801-359-3940  
 Date: July 8, 2004, Salt Lake City, Utah

Remarks: Collapse is based on a vertical depth of 290 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

|              |                                  |             |              |
|--------------|----------------------------------|-------------|--------------|
| Well name:   | <b>07-04 Inland AS 5-2-9-15</b>  |             |              |
| Operator:    | <b>Inland Production Company</b> |             |              |
| String type: | Production                       | Project ID: | 43-013-32583 |
| Location:    | Duchesne County                  |             |              |

|   |   |   |
|---|---|---|
| <p><b>Design parameters:</b></p> <p><b>Collapse</b><br/> Mud weight: 8.400 ppg<br/> Design is based on evacuated pipe.</p> <p><b>Burst</b><br/> Max anticipated surface pressure: 0 psi<br/> Internal gradient: 0.436 psi/ft<br/> Calculated BHP: 2,836 psi<br/> <br/> No backup mud specified.</p> | <p><b>Minimum design factors:</b></p> <p><b>Collapse:</b><br/> Design factor: 1.125</p> <p><b>Burst:</b><br/> Design factor: 1.00</p> <p><b>Tension:</b><br/> 8 Round STC: 1.80 (J)<br/> 8 Round LTC: 1.80 (J)<br/> Buttress: 1.60 (J)<br/> Premium: 1.50 (J)<br/> Body yield: 1.50 (B)</p> <p>Tension is based on air weight.<br/> Neutral point: 5,674 ft</p> | <p><b>Environment:</b><br/> H2S considered? No<br/> Surface temperature: 65 °F<br/> Bottom hole temperature: 156 °F<br/> Temperature gradient: 1.40 °F/100ft<br/> Minimum section length: 300 ft</p> <p>Cement top: 625 ft</p> <p>Non-directional string.</p> |
|---|---|---|

| Run Seq | Segment Length (ft) | Size (in) | Nominal Weight (lbs/ft) | Grade | End Finish | True Vert Depth (ft) | Measured Depth (ft) | Drift Diameter (in) | Internal Capacity (ft³) |
|---------|---------------------|-----------|-------------------------|-------|------------|----------------------|---------------------|---------------------|-------------------------|
| 1       | 6500                | 5.5       | 15.50                   | J-55  | LT&C       | 6500                 | 6500                | 4.825               | 203.8                   |

| Run Seq | Collapse Load (psi) | Collapse Strength (psi) | Collapse Design Factor | Burst Load (psi) | Burst Strength (psi) | Burst Design Factor | Tension Load (Kips) | Tension Strength (Kips) | Tension Design Factor |
|---------|---------------------|-------------------------|------------------------|------------------|----------------------|---------------------|---------------------|-------------------------|-----------------------|
| 1       | 2836                | 4040                    | 1.424                  | 2836             | 4810                 | 1.70                | 101                 | 217                     | 2.15 J                |

Prepared by: Clinton Dworshak  
Utah Div. of Oil & Mining

Phone: 801-538-5280  
FAX: 801-359-3940

Date: July 8, 2004  
Salt Lake City, Utah

Remarks:  
Collapse is based on a vertical depth of 6500 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes.  
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

**IN REPLY REFER TO:**

3160

(UT-922)

April 26, 2004

Memorandum

To: Assistant District Manager Minerals, Vernal District  
 From: Michael Coulthard, Petroleum Engineer  
 Subject: 2004 Plan of Development Ashley Unit,  
 Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2003 within the Ashley Unit, Duchesne County, Utah.

| API #                     | WELL NAME    | LOCATION                                    |
|---------------------------|--------------|---|
| (Proposed PZ Green River) |              |   |
| 43-013-32574              | Ashley State | 10-2-9-15 Sec 2 T09S R15E 2093 FSL 2056 FEL |
| 43-013-32575              | Ashley State | 11-2-9-15 Sec 2 T09S R15E 1982 FSL 2078 FWL |
| 43-013-32576              | Ashley State | 12-2-9-15 Sec 2 T09S R15E 1978 FSL 0638 FWL |
| 43-013-32577              | Ashley State | 13-2-9-15 Sec 2 T09S R15E 0661 FSL 0670 FWL |
| 43-013-32578              | Ashley State | 14-2-9-15 Sec 2 T09S R15E 0525 FSL 2017 FWL |
| 43-013-32579              | Ashley State | 15-2-9-15 Sec 2 T09S R15E 0537 FSL 2051 FEL |
| 43-013-32580              | Ashley State | 2-2-9-15 Sec 2 T09S R15E 0672 FNL 1978 FEL  |
| 43-013-32581              | Ashley State | 3-2-9-15 Sec 2 T09S R15E 0640 FNL 1358 FWL  |
| 43-013-32582              | Ashley State | 4-2-9-15 Sec 2 T09S R15E 0773 FNL 0459 FWL  |
| 43-013-32583              | Ashley State | 5-2-9-15 Sec 2 T09S R15E 1997 FNL 0462 FWL  |
| 43-013-32584              | Ashley State | 6-2-9-15 Sec 2 T09S R15E 1870 FNL 1630 FWL  |
| 43-013-32585              | Ashley State | 7-2-9-15 Sec 2 T09S R15E 2008 FNL 2254 FEL  |

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Ashley Unit  
 Division of Oil Gas and Mining  
 Agr. Sec. Chron  
 Fluid Chron

MCoulthard:mc:4-26-04

**From:** Ed Bonner  
**To:** Whitney, Diana  
**Date:** 5/5/2004 11:26:07 AM  
**Subject:** Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

Westport Oil & Gas Company  
NBU 922-29M  
Watts 923-2D  
State 1022-36J

Inland Production Company  
Ashley State 2-2-9-15  
Ashley State 3-2-9-15  
Ashley State 4-2-9-15  
Ashley State 5-2-9-15  
Ashley State 6-2-9-15  
Ashley State 7-2-9-15  
Ashley State 10-2-9-15  
Ashley State 11-2-9-15  
Ashley State 12-2-9-15  
Ashley State 13-2-9-15  
Ashley State 14-2-9-15  
Ashley State 15-2-9-15

If you have any questions regarding this matter please give me a call.

**CC:** Garrison, LaVonne; Hill, Brad; Hunt, Gil



State of Utah

Department of  
Natural Resources

ROBERT L. MORGAN  
*Executive Director*

Division of  
Oil, Gas & Mining

LOWELL P. BRAXTON  
*Division Director*

OLENE S. WALKER  
*Governor*

GAYLE F. McKEACHNIE  
*Lieutenant Governor*

July 19, 2004

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

Re: Ashley State 5-2-9-15 Well, 1997' FNL, 462' FWL, SW NW, Sec. 2,  
T. 9 South, R. 15 East, 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 43-013-32583.

Sincerely,

John R. Baza  
Associate Director

jc  
Enclosures

cc: Duchesne County Assessor  
SITLA  
Bureau of Land Management – Vernal Field Office

**Operator:** Inland Production Company  
**Well Name & Number** Ashley State 5-2-9-15  
**API Number:** 43-013-32583  
**Lease:** ML-43538

**Location:** SW NW      **Sec.** 2      **T.** 9 South    **R.** 15 East

**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**  
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:
  - 24 hours prior to cementing or testing casing
  - 24 hours prior to testing blowout prevention equipment
  - 24 hours prior to spudding the well
  - within 24 hours of any emergency changes made to the approved drilling program
  - prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

  - Dan Jarvis at (801) 538-5338
  - Carol Daniels at (801) 538-5284 (spud)
  
3.    **Reporting Requirements**  
All required reports, forms and submittals will 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.    Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
  
5.    Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
  
6.    Surface casing shall be cemented to the surface.



## Office of the Secretary of State

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

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

**OPERATOR CHANGE WORKSHEET**

**005**

Change of Operator (Well Sold)

Designation of Agent/Operator

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

**X Operator Name Change**

**Merger**

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

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

**CA No.** Unit: **ASHLEY**

**WELL(S)**

| NAME                 | SEC | TWN  | RNG  | API NO     | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |   |
|----------------------|-----|------|------|------------|-----------|------------|-----------|-------------|---|
| ASHLEY ST 10-2-9-15  | 02  | 090S | 150E | 4301332574 | 12419     | State      | OW        | P           | K |
| ASHLEY ST 11-2-9-15  | 02  | 090S | 150E | 4301332575 | 12419     | State      | OW        | P           | K |
| ASHLEY ST 12-2-9-15  | 02  | 090S | 150E | 4301332576 | 12419     | State      | OW        | P           | K |
| ASHLEY ST 13-2-9-15  | 02  | 090S | 150E | 4301332577 | 12419     | State      | OW        | P           | K |
| ASHLEY ST 14-2-9-15  | 02  | 090S | 150E | 4301332578 | 12419     | State      | OW        | P           | K |
| ASHLEY ST 15-2-9-15  | 02  | 090S | 150E | 4301332579 | 12419     | State      | OW        | P           | K |
| ASHLEY ST 2-2-9-15   | 02  | 090S | 150E | 4301332580 |           | State      | OW        | APD         | K |
| ASHLEY ST 3-2-9-15   | 02  | 090S | 150E | 4301332581 |           | State      | OW        | APD         | K |
| ASHLEY ST 4-2T-9-15  | 02  | 090S | 150E | 4301332582 |           | State      | OW        | APD         | K |
| ASHLEY ST 5-2-9-15   | 02  | 090S | 150E | 4301332583 |           | State      | OW        | APD         | K |
| ASHLEY ST 6-2-9-15   | 02  | 090S | 150E | 4301332584 |           | State      | OW        | APD         | K |
| ASHLEY FED 7-22-9-15 | 22  | 090S | 150E | 4301332487 | 14453     | Federal    | OW        | DRL         | K |
| ASHLEY FED 1-23-9-15 | 23  | 090S | 150E | 4301332478 | 14455     | Federal    | OW        | DRL         | K |
| ASHLEY FED 3-23-9-15 | 23  | 090S | 150E | 4301332479 | 14451     | Federal    | OW        | DRL         | K |
| ASHLEY FED 5-23-9-15 | 23  | 090S | 150E | 4301332480 | 14452     | Federal    | OW        | DRL         | K |
| ASHLEY FED 7-23-9-15 | 23  | 090S | 150E | 4301332481 | 14454     | Federal    | OW        | DRL         | K |
| ASHLEY FED 1-24-9-15 | 24  | 090S | 150E | 4301332482 |           | Federal    | OW        | APD         | K |
| ASHLEY FED 3-24-9-15 | 24  | 090S | 150E | 4301332483 |           | Federal    | OW        | APD         | K |
| ASHLEY FED 5-24-9-15 | 24  | 090S | 150E | 4301332484 |           | Federal    | OW        | APD         | K |
| ASHLEY FED 7-24-9-15 | 24  | 090S | 150E | 4301332485 |           | Federal    | OW        | APD         | K |
|                      |     |      |      |            |           |            |           |             |   |
|                      |     |      |      |            |           |            |           |             |   |

**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 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

**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: ASHLEY ST 5-2-9-15

Api No: 43-013-32583 Lease Type: STATE

Section 02 Township 09S Range 15E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

**SPUDDED:**

Date 05/17/05

Time 9:30 AM

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by ALVIN

Telephone # 1-435-823-7468

Date 05/17/2005 Signed CHD

007

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

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

OPERATOR ACCT. NO. N2695

RECEIVED

MAY 18 2005

DIV. OF OIL, GAS & MINING

| ACTION CODE                  | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER   | WELL NAME                | WELL LOCATION |    |    |     |          | SPUD DATE | EFFECTIVE DATE |
|------------------------------|--------------------|----------------|--------------|--------------------------|---------------|----|----|-----|----------|-----------|----------------|
|                              |                    |                |              |                          | QQ            | SC | TP | RG  | COUNTY   |           |                |
| B                            | 99999              | 11492          | 43-013-32661 | Jonah Federal 9-14-9-16  | NE/SE         | 14 | 9S | 16E | Duchesne | 5/13/2005 | 5/19/05 K      |
| WELL 1 COMMENTS: <i>GRRV</i> |                    |                |              |                          |               |    |    |     |          |           |                |
| A                            | 99999              | 114707         | 43-013-32584 | Ashley State 6-2-9-15    | SE/NW         | 2  | 9S | 15E | Duchesne | 5/14/2005 | 5/19/05 K      |
| WELL 2 COMMENTS: <i>GRRV</i> |                    |                |              |                          |               |    |    |     |          |           |                |
| A                            | 99999              | 114708         | 43-013-32583 | Ashley State 5-2-9-15    | SW/NW         | 2  | 9S | 15E | Duchesne | 5/17/2005 | 5/19/05 K      |
| WELL 3 COMMENTS: <i>GRRV</i> |                    |                |              |                          |               |    |    |     |          |           |                |
| B                            | 99999              | 11492          | 43-013-32662 | Jonah Federal 10-14-9-16 | NW/SW         | 14 | 9S | 16E | Duchesne | 5/18/2005 | 5/19/05 K      |
| WELL 4 COMMENTS: <i>GRRV</i> |                    |                |              |                          |               |    |    |     |          |           |                |
|                              |                    |                |              |                          |               |    |    |     |          |           |                |
| WELL 5 COMMENTS:             |                    |                |              |                          |               |    |    |     |          |           |                |

ACTION CODES (See instructions on back of form)

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

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

*Kebbie S. Jones*  
Signature  
Kebbie S. Jones  
Production Clerk  
May 18, 2005  
Date

# COPY

008

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
ML43538

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

## SUNDRY NOTICES AND REPORTS ON WELLS

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

7. UNIT or CA AGREEMENT NAME:  
ASHLEY UNIT

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
ASHLEY STATE 5-2-9-15

2. NAME OF OPERATOR:  
Newfield Production Company

9. API NUMBER:  
4301332583

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: 1997 FNL 462 FWL

COUNTY: Duchesne

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SW/NW, 2, T9S, R15E

STATE: Utah

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

| TYPE OF SUBMISSION   | TYPE OF ACTION  |   |  |
|--|---|---|--|
|  | SubDate   | TYPE OF ACTION  |  |
| <input type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br>Approximate date work will<br>_____                      | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION   |
|  | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL        |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br>Date of Work Completion:<br>05/20/2005 | <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: - Spud Notice |
|  | <input type="checkbox"/> CONVERT WELL TYPE              | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION |  |

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

On 5/17/05 MIRU Ross Rig # 24. Spud well @ 9:30 AM. Drill 303' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 313.27KB On 5/18/05 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 5.5 bbls cement to pit. WOC.

RECEIVED  
MAY 23 2005  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Alvin Nielsen TITLE Drilling Foreman  
SIGNATURE *Alvin Nielsen* DATE 05/20/2005

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 313.27

LAST CASING 8 5/8" Set @ 313.27'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 303 LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company  
 WELL Ashley State 5-2-9-15  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Ross Rig # 24

| LOG OF CASING STRING:                                 |        |   |                     |          |                                     |       |               |
|---|--------|---|---------------------|----------|-------------------------------------|-------|---------------|
| PIECES  | OD     | ITEM - MAKE - DESCRIPTION   | WT / FT             | GRD      | THREAD                              | CONDT | LENGTH        |
|   |        | Shoe 42.55'   |                     |          |                                     |       |               |
|   |        | WHI - 92 csg head   |                     |          | 8rd                                 | A     | 0.95          |
| 7   | 8 5/8" | Maverick ST&C csg   | 24#                 | J-55     | 8rd                                 | A     | 301.42        |
|   |        | <b>GUIDE</b> shoe   |                     |          | 8rd                                 | A     | 0.9           |
| CASING INVENTORY BAL.                                 |        |   | FEET                | JTS      | TOTAL LENGTH OF STRING              |       | 303.27        |
| TOTAL LENGTH OF STRING                                |        |   | 303.27              | 7        | LESS CUT OFF PIECE                  |       | 2             |
| LESS NON CSG. ITEMS                                   |        |   | 1.85                |          | PLUS DATUM TO T/CUT OFF CSG         |       | 12            |
| PLUS FULL JTS. LEFT OUT                               |        |   | 0                   |          | CASING SET DEPTH                    |       | <b>313.27</b> |
| TOTAL   |        |   | 301.42              | 7        | } COMPARE                           |       |               |
| TOTAL CSG. DEL. (W/O THRDS)                           |        |   | 301.42              | 7        |                                     |       |               |
| TIMING  |        |   | 1ST STAGE           |          |                                     |       |               |
| BEGIN RUN CSG. Spud                                   |        |   | 5/17/2005           | 9:30 AM  | GOOD CIRC THRU JOB <u>YES</u>       |       |               |
| CSG. IN HOLE  |        |   | 5/18/2005           | 11:00 AM | Bbls CMT CIRC TO SURFACE <u>5.5</u> |       |               |
| BEGIN CIRC  |        |   | 5/19/2005           | 12:10 PM | RECIPROCATED PIPE FOR <u>N/A</u>    |       |               |
| BEGIN PUMP CMT  |        |   | 5/19/2005           | 12:10 PM |                                     |       |               |
| BEGIN DSPL. CMT                                       |        |   | 5/19/2005           | 12:38 PM | BUMPED PLUG TO <u>754</u> PSI       |       |               |
| PLUG DOWN   |        |   | 5/19/2005           | 12:47 PM |                                     |       |               |
| CEMENT USED   |        | CEMENT COMPANY- <b>B. J.</b>  |                     |          |                                     |       |               |
| STAGE   | # SX   | CEMENT TYPE & ADDITIVES   |                     |          |                                     |       |               |
| 1   | 160    | Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield |                     |          |                                     |       |               |
| CENTRALIZER & SCRATCHER PLACEMENT                     |        |   | SHOW MAKE & SPACING |          |                                     |       |               |
| Centralizers - Middle first, top second & third for 3 |        |   |                     |          |                                     |       |               |

COMPANY REPRESENTATIVE Alvin Nielsen

DATE 5/20/2005

# COPY

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
ML43538

## SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:  
ASHLEY UNIT

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
ASHLEY STATE 5-2-9-15

2. NAME OF OPERATOR:  
Newfield Production Company

9. API NUMBER:  
4301332583

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: 1997 FNL 462 FWL

COUNTY: Duchesne

OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: SW/NW, 2, T9S, R15E

STATE: Utah

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

TYPE OF ACTION SubDate

| TYPE OF SUBMISSION   | TYPE OF ACTION  |   |   |
|--|---|---|---|
| <input type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br>Approximate date work will<br>_____                      | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION            |
|  | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL                 |
|  | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARITLY ABANDON                     |
|  | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                            |
|  | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLAIR                            |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br>Date of Work Completion:<br>05/31/2005 | <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: - Weekly Status Report |
|  | <input type="checkbox"/> CONVERT WELL TYPE              | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION |   |

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

On 5/24/05 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6134'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 145jt's of 5.5 J-55, 15.5# csgn. Set @ 6134' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. The 400 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 1 bbl of cement to reserve pit. Nipple down Bop's. Drop slips @ 92,000 #'s tension. Release rig @ 4:30 PM on 5/29/05.

RECEIVED

JUN 02 2005

DEPT. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Justin Crum

TITLE Drilling Foreman

SIGNATURE

DATE 05/31/2005

(This space for State use only)

**NEWFIELD PRODUCT COMPANY - CASING & CEMENT REPORT**

5 1/2" CASING SET AT 6134.19

Fit cfr @ 6077.01

LAST CASING 8 5/8" SET AT 313'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL ASHLEY State 5-2-9-15

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE \_\_\_\_\_

CONTRACTOR & RIG # NDSI Rig # 1

TD DRILLER 6140 LOGGER \_\_\_\_\_

HOLE SIZE 7 7/8"

| LOG OF CASING STRING:   |               |  |                     |   |            |          |                |
|---|---------------|--|---------------------|---|------------|----------|----------------|
| PIECES  | OD            | ITEM - MAKE - DESCRIPTION  | WT / FT             | GRD   | THREAD     | CONDT    | LENGTH         |
|   |               | Landing Jt   |                     |   |            |          | 14             |
|   |               | <b>560' short jt @ 4019.49'</b>  |                     |   |            |          |                |
| <b>144</b>  | <b>5 1/2"</b> | ETC LT & C casing  | <b>15.5#</b>        | <b>J-55</b>   | <b>8rd</b> | <b>A</b> | 6078.26        |
|   |               | Float collar   |                     |   |            |          | 0.6            |
| <b>1</b>  | <b>5 1/2"</b> | ETC LT&C csg   | <b>15.5#</b>        | <b>J-55</b>   | <b>8rd</b> | <b>A</b> | 42.68          |
|   |               | <b>GUIDE</b> shoe  |                     |   | <b>8rd</b> | <b>A</b> | 0.65           |
| CASING INVENTORY BAL.   |               | FEET   | JTS                 | TOTAL LENGTH OF STRING  |            |          | 6136.19        |
| TOTAL LENGTH OF STRING  |               | 6136.19  | 145                 | LESS CUT OFF PIECE  |            |          | 14             |
| LESS NON CSG. ITEMS   |               | 15.25  |                     | PLUS DATUM TO T/CUT OFF CSG   |            |          | 12             |
| PLUS FULL JTS. LEFT OUT   |               | 127.87   | 3                   | CASING SET DEPTH  |            |          | <b>6134.19</b> |
| TOTAL   |               | <b>6248.81</b>   | 148                 | } COMPARE   |            |          |                |
| TOTAL CSG. DEL. (W/O THRDS)   |               | 6248.81  | 148                 |   |            |          |                |
| TIMING  |               | 1ST STAGE  | 2nd STAGE           | GOOD CIRC THRU JOB <u>Yes</u>                                       |            |          |                |
| BEGIN RUN CSG.  |               | 5/29/2005  | 6:00 AM             | Bbls CMT CIRC TO SURFACE <u>Returned all spacers to reserve pit</u> |            |          |                |
| CSG. IN HOLE  |               | 5/29/2005  | 9:00 AM             | RECIPROCATED PIPE FOR <u>THRUSTROKE</u>                             |            |          |                |
| BEGIN CIRC  |               | 5/29/2005  | 9:05 AM             | DID BACK PRES. VALVE HOLD? <u>Yes</u>                               |            |          |                |
| BEGIN PUMP CMT  |               | 5/29/2005  | 9:56 AM             | BUMPED PLUG TO <u>2050</u> PSI                                      |            |          |                |
| BEGIN DSPL. CMT   |               | 5/29/2005  | 10:53               |   |            |          |                |
| PLUG DOWN   |               | 5/29/2005  | 11:18 AM            |   |            |          |                |
| CEMENT USED   |               | CEMENT COMPANY- <b>B. J.</b>   |                     |   |            |          |                |
| STAGE   | # SX          | CEMENT TYPE & ADDITIVES  |                     |   |            |          |                |
| <b>1</b>  | <b>300</b>    | Premiite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake         |                     |   |            |          |                |
|   |               | mixed @ 11.0 ppg W / 3.43 cf/sk yield  |                     |   |            |          |                |
| <b>2</b>  | <b>400</b>    | 50/50 poz W/ 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD |                     |   |            |          |                |
| CENTRALIZER & SCRATCHER PLACEMENT   |               |  | SHOW MAKE & SPACING |   |            |          |                |
| Centralizers - Middle first, top second & third. Then every third collar for a total of 20. |               |  |                     |   |            |          |                |

COMPANY REPRESENTATIVE Justin Crum

DATE 5/30/2005

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
ML43538

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
ASHLEY UNIT

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
ASHLEY STATE 5-2-9-15

2. NAME OF OPERATOR:  
Newfield Production Company

9. API NUMBER:  
4301332583

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: 1997 FNL 462 FWL

COUNTY: Duchesne

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SW/NW, 2, T9S, R15E

STATE: Utah

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

| TYPE OF SUBMISSION   | TYPE OF ACTION  |   |  |
|--|---|---|--|
|  | SubDate   | TYPE OF ACTION  |  |
| <input checked="" type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br><br>Approximate date work will<br><u>06/24/2005</u> | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
|  | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL      |
| <input type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br><br>Date of Work Completion: _____                      | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARILY 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 checked="" 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 type="checkbox"/> OTHER: -                      |
|  | <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.

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

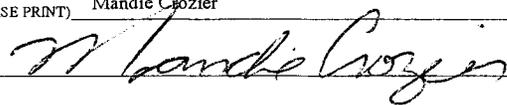
Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

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

NAME (PLEASE PRINT) Mandie Crozier

TITLE Regulatory Specialist

SIGNATURE



DATE 06/27/2005

(This space for State use only)

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**JUN 29 2005**

DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
ML43538

**SUNDRY NOTICES AND REPORTS ON WELLS**

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
ASHLEY UNIT

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
ASHLEY STATE 5-2-9-15

2. NAME OF OPERATOR:  
Newfield Production Company

9. API NUMBER:  
4301332583

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:  
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4. LOCATION OF WELL:  
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COUNTY: Duchesne

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SW/NW, 2, T9S, R15E

STATE: Utah

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

TYPE OF ACTION SubDate

| TYPE OF SUBMISSION   | TYPE OF ACTION  |   |  |
|--|---|---|--|
|  | TYPE OF ACTION  | TYPE OF ACTION  | TYPE OF ACTION   |
| <input checked="" type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br><br>Approximate date work will<br><u>06/24/2005</u> | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
|  | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL      |
| <input type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br><br>Date of Work Completion:                            | <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: - Variance  |
|  | <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.

Newfield Production Company is requesting a variance from Onshore Order 43 CFR Part 3160 Section 4 requiring production tanks to be equipped with Enardo or equivalent vent line valves. Inland operates wells that produce from the Green River formation, which are relatively low gas producers (20 mcfpd). The majority of the wells are equipped with a three phase separator to maximize gas separation and sales.

Newfield is requesting a variance for safety reasons. Crude oil production tanks equipped with back pressure devices will emit a surge of gas when the thief hatches are open. While gauging tanks, lease operators will be subject to breathing toxic gases as well as risk a fire hazard, under optimum conditions

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE 6/24/05  
BY: D. Crozier

NAME (PLEASE PRINT) Mandie Crozier

TITLE Regulatory Specialist

SIGNATURE

*Mandie Crozier*

DATE 06/27/2005

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RECEIVED  
JUN 29 2005

DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
ML43538

**SUNDRY NOTICES AND REPORTS ON WELLS**

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7. UNIT or CA AGREEMENT NAME:  
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OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SW/NW, 2, T9S, R15E

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|---|--|---|---|
|   | SubDate  | TYPE OF ACTION  | TYPE OF ACTION  |
| <input type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br><br>Approximate date work will<br><br>_____ | <input type="checkbox"/> ACIDIZE   | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION            |
|   | <input type="checkbox"/> ALTER CASING  | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL                 |
|   | <input type="checkbox"/> CASING REPAIR   | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARITLY ABANDON                     |
|   | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                            |
|   | <input type="checkbox"/> CHANGE TUBING   | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLAIR                            |
|   | <input 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: - Weekly Status Report |
|   | <input type="checkbox"/> CONVERT WELL TYPE   | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION |   |
|   | <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br><br>Date of Work Completion:<br><br>06/24/2005 |   |   |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
Status report for time period 06/13/05 - 06/24/05

Subject well had completion procedures initiated in the Green River formation on 06-13-05 without the use of a service rig over the well. A cement bond log was run and a total of four Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5046'-5055'), (4948'-4963'); Stage #2 (4786'-4800'); Stage #3 (4523'- 4532'); Stage #4(4395'-4408'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 06-22-2005. Bridge plugs were drilled out and well was cleaned to 6003'. Zones were swab tested for sand cleanup. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 06-24-2005.

NAME (PLEASE PRINT) Lana Nebeker TITLE Production Clerk  
SIGNATURE *Lana Nebeker* DATE 06/29/2005

(This space for State use only)

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

RECEIVED

JUL 14 2005

DIV. OF OIL, GAS & MINING

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

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

OPERATOR ACCT. NO. N2695

| ACTION CODE                  | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER   | WELL NAME                 | WELL LOCATION |    |    |     |          | SPUD DATE | EFFECTIVE DATE |
|------------------------------|--------------------|----------------|--------------|---------------------------|---------------|----|----|-----|----------|-----------|----------------|
|                              |                    |                |              |                           | QQ            | SC | TP | RG  | COUNTY   |           |                |
| C                            | 14733              | 12419          | 43-013-32580 | Ashley State 2-2-9-15     | NW/NE         | 2  | 9S | 15E | Duchesne |           | 4/1/2005       |
| WELL 1 COMMENTS: <i>GRRV</i> |                    |                |              |                           |               |    |    |     |          |           |                |
| C                            | 14708              | 12419          | 43-013-32583 | Ashley State 5-2-9-15     | SW/NW         | 2  | 9S | 15E | Duchesne |           | 4/1/2005       |
| WELL 2 COMMENTS: <i>GRRV</i> |                    |                |              |                           |               |    |    |     |          |           |                |
| C                            | 14660              | 12419          | 43-013-32585 | Ashley State 7-2-9-15     | SW/NE         | 2  | 9S | 15E | Duchesne |           | 4/1/2005       |
| WELL 3 COMMENTS: <i>GRRV</i> |                    |                |              |                           |               |    |    |     |          |           |                |
| C                            | 14650              | 12419          | 43-013-32437 | Ashley State 8-2-9-15     | SE/NE         | 2  | 9S | 15E | Duchesne |           | 4/1/2005       |
| WELL 4 COMMENTS: <i>GRRV</i> |                    |                |              |                           |               |    |    |     |          |           |                |
| C                            | 14612              | 12419          | 43-013-32454 | Ashley Federal 16-13-9-15 | SW/SE         | 13 | 9S | 15E | Duchesne |           | 4/1/2005       |
| WELL 5 COMMENTS: <i>GRRV</i> |                    |                |              |                           |               |    |    |     |          |           |                |

- 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.

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

PAGE 04

INLAND

4356463031

07/14/2005 12:50

(See other instructions on reverse side)

OMB NO. 1004-0137  
Expires: February 28, 1995

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

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

|   |   |   |  |
|---|---|---|--|
| 1a. TYPE OF WORK<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____   |   | 7. UNIT AGREEMENT NAME<br><b>Ashley Unit</b>  |  |
| 1b. TYPE OF WELL<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR. <input type="checkbox"/> Other _____ |   | 8. FARM OR LEASE NAME, WELL NO.<br><b>Ashley State 5-2-9-15</b>   |  |
| 2. NAME OF OPERATOR<br><b>Newfield Exploration Company</b>  |   | 9. WELL NO.<br><b>43-013-32583</b>  |  |
| 3. ADDRESS AND TELEPHONE NO.<br><b>1401 17th St. Suite 1000 Denver, CO 80202</b>  |   | 10. FIELD AND POOL OR WILDCAT<br><b>Monument Butte</b>  |  |
| 4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*<br>At Surface <b>1997' FNL &amp; 462' FWL (SW/NW) Sec. 2, T9S, R15E</b><br>At top prod. Interval reported below          |   | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br><b>Sec. 2, T9S, R15E</b>   |  |
| At total depth  |   | 14. API NO.<br><b>43-013-32583</b>  | 12. COUNTY OR PARISH<br><b>Duchesne</b>  |
|   |   | DATE ISSUED<br><b>7/19/04</b>   | 13. STATE<br><b>UT</b>   |
| 15. DATE SPURRED<br><b>5/17/05</b>  | 16. DATE T.D. REACHED<br><b>5/28/05</b>   | 17. DATE COMPL. (Ready to prod.)<br><b>6/24/05</b>  | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*<br><b>5985' GL 5997' KB</b>  |
| 19. ELEV. CASINGHEAD  | 20. TOTAL DEPTH, MD & TVD<br><b>6140'</b> |   | 21. PLUG BACK T.D., MD & TVD<br><b>6090'</b>   |
| 22. IF MULTIPLE COMPL. HOW MANY*  |   | 23. INTERVALS DRILLED BY<br><b>-----&gt;</b>  | 24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*<br><b>Green River 4395'-5055'</b> |
| 25. WAS DIRECTIONAL SURVEY MADE<br><b>No</b>  |   | 26. TYPE ELECTRIC AND OTHER LOGS RUN<br><b>Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log</b> |  |
| 27. WAS WELL CORED<br><b>No</b>   |   |   |  |

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

| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD         | AMOUNT PULLED |
|-------------------|-----------------|----------------|-----------|---|---------------|
| 8-5/8" - J-55     | 24#             | 313'           | 12-1/4"   | To surface with 160 sx Class "G" cmt    |               |
| 5-1/2" - J-55     | 15.5#           | 6134'          | 7-7/8"    | 300 sx Premlite II and 400 sx 50/50 Poz |               |

| 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 @ 5109'    | TA @ 5038'      |

| 31. PERFORATION RECORD (Interval, size and number) |      |            |                     | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |  |
|--|------|------------|---------------------|--|--|
| INTERVAL   | SIZE | SPF/NUMBER | DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED               |  |
| (C&B.5) 4948'-4963', 5046'-5055'                   | .41" | 4/96       | 4948'-5055'         | Frac w/ 90,637# 20/40 sand in 657 bbls fluid   |  |
| (D1) 4786'-4800'                                   | .41" | 4/56       | 4786'-4800'         | Frac w/ 60,825# 20/40 sand in 471 bbls fluid   |  |
| (PB10) 4523'-4532'                                 | .41" | 4/36       | 4523'-4532'         | Frac w/ 31,070# 20/40 sand in 302 bbls fluid   |  |
| (PB7) 4395'-4408'                                  | .41" | 4/52       | 4395'-4408'         | Frac w/ 52,060# 20/40 sand in 412 bbls fluid   |  |

33.\* PRODUCTION

|   |   |  |   |                        |                        |                          |                              |
|---|---|--|---|------------------------|------------------------|--------------------------|------------------------------|
| DATE FIRST PRODUCTION<br><b>6/24/05</b> | PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)<br><b>2-1/2" x 1-1/2" x 10' x 14' RHAC Pump</b> | WELL STATUS (Producing or shut-in)<br><b>PRODUCING</b> |   |                        |                        |                          |                              |
| DATE OF TEST<br><b>10 day ave</b>       | HOURS TESTED  | CHOKE SIZE   | PROD'N. FOR TEST PERIOD<br><b>-----&gt;</b> | OIL--BBL.<br><b>15</b> | GAS--MCF.<br><b>77</b> | WATER--BBL.<br><b>61</b> | GAS-OIL RATIO<br><b>5133</b> |
| FLOW, TUBING PRESS.                     | CASING PRESSURE   | CALCULATED 24-HOUR RATE<br><b>-----&gt;</b>            | OIL--BBL.                                   | GAS--MCF.              | WATER--BBL.            | OIL GRAVITY-API (CORR.)  |                              |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
**Sold & Used for Fuel**

TEST WITNESSED BY  
**JUL 26 2005**

35. LIST OF ATTACHMENTS

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

SIGNED *Mandie Crozier* TITLE Regulatory Specialist DATE 7/25/2005

DIV. OF OIL, GAS & MINING  
MC

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 |
|           |     |        | Well Name<br>Ashley State 5-2-9-15 | Garden Gulch Mkr      | 3751'       |                  |
|           |     |        |                                    | Garden Gulch 1        | 3961'       |                  |
|           |     |        |                                    | Garden Gulch 2        | 4072'       |                  |
|           |     |        |                                    | Point 3 Mkr           | 4335'       |                  |
|           |     |        |                                    | X Mkr                 | 4604'       |                  |
|           |     |        |                                    | Y-Mkr                 | 4642'       |                  |
|           |     |        |                                    | Douglas Creek Mkr     | 4753'       |                  |
|           |     |        |                                    | BiCarbonate Mkr       | 5009'       |                  |
|           |     |        |                                    | B Limestone Mkr       | 5122'       |                  |
|           |     |        |                                    | Castle Peak           | 5656'       |                  |
|           |     |        |                                    | Basal Carbonate       | 6080'       |                  |
|           |     |        |                                    | Total Depth (LOGGERS) | 6141'       |                  |



January 20, 2006

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

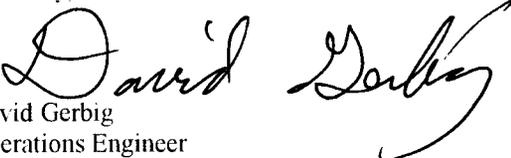
RE: Permit Application for Water Injection Well  
Ashley State #5-2-9-15  
Monument Butte Field, Ashley PA A, Lease #ML-43538  
Section 2 -Township 9S-Range 15E  
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Ashley State #5-2-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, Ashley PA A.

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,

  
David Gerbig  
Operations Engineer

RECEIVED

FEB 06 2006

DIV. OF OIL, GAS & MINING

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**ASHLEY STATE #5-2-9-15**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**ASHLEY PA A**  
**LEASE #ML-43538**  
**JANUARY 20, 2006**

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STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company  
ADDRESS 1401 17th Street, Suite 1000  
Denver, Colorado 80202

Well Name and number: Ashley State #5-2-9-15  
Field or Unit name: Monument Butte (Green River), Ashley PA A Lease No. ML-43538  
Well Location: QQ SW/NW section 2 township 9S range 15E county Duchesne

Is this application for expansion of an existing project? ..... Yes [ X ] No [ ]  
Will the proposed well be used for: Enhanced Recovery? ..... Yes [ X ] No [ ]  
Disposal? ..... Yes [ ] No [ X ]  
Storage? ..... Yes [ ] No [ X ]  
Is this application for a new well to be drilled? ..... Yes [ ] No [ X ]  
If this application is for an existing well,  
has a casing test been performed on the well? ..... Yes [ ] No [ X ]  
Date of test: \_\_\_\_\_  
API number: 43-013-32583

Proposed injection interval: from 4072' to 6080'  
Proposed maximum injection: rate 500 bpd pressure 2140 psig  
Proposed injection zone contains [ x ] oil, [ ] gas, and/or [ ] fresh water within 1/2  
mile of the well.

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

List of Attachments: Attachments "A" through "H-1"

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

Name: David Gerbig Signature *David Gerbig*  
Title: Operations Engineer Date 2-3-06  
Phone No. (303) 893-0102

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

Comments:

RECEIVED  
FEB 03 2006

# Ashley State 5-2-9-15

Spud Date: 05/17/05  
 Put on Production: 06/24/05  
 GL: 5985' KB: 5997'

Initial Production: 14 BOPD,  
 61 MCFD, 74 BWPD

## Proposed Injection Wellbore Diagram

**SURFACE CASING**  
 CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (303.27')  
 DEPTH LANDED: 313.27' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 160 sks Class G Mix.

**PRODUCTION CASING**  
 CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 145 jts. (6136.19')  
 DEPTH LANDED: 6134.19' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 510'

**TUBING**  
 SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 155 jts (5026.02')  
 TUBING ANCHOR: 5038.02' KB  
 NO. OF JOINTS: 1 jts (33.52')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5074.34' KB  
 NO. OF JOINTS: 1 jts (33.50')  
 TOTAL STRING LENGTH: 5109.39' w/ 12' KB

## FRAC JOB

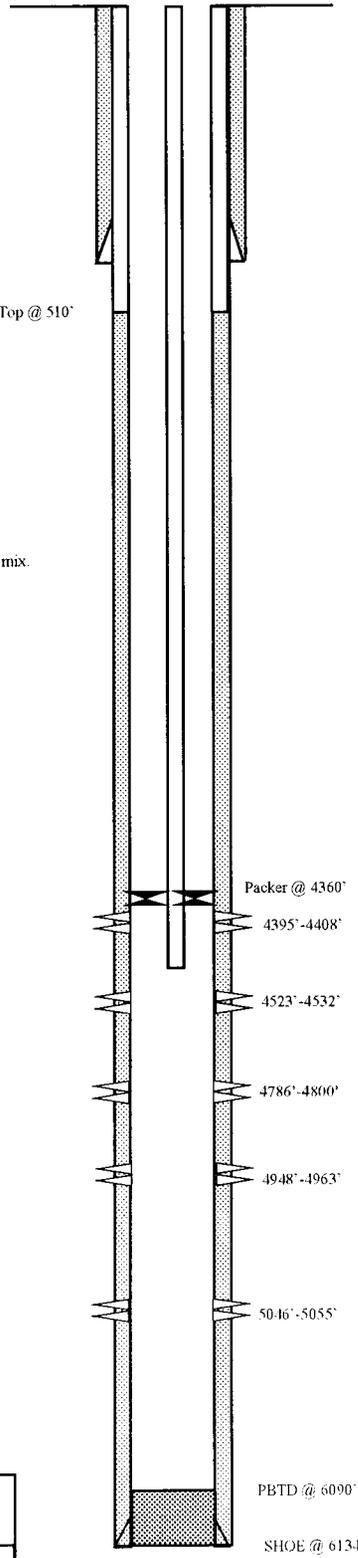
06/17/05 4948'-5055' **Frac B.5 and C sands as follows:**  
 90,637#'s of 20/40sand in 657 bbls lightning  
 17 frac fluid. Treated @ avg press of 2112.  
 w/avg rate of 24.8 bpm. ISIP 2160 psi. Calc  
 flush: 4946 gal. Actual flush: 4712 gal.

06/17/05 4786'-4800' **Frac D1 sands as follows:**  
 60,825#'s of 20/40 sand in 471 bbls lightning  
 17 frac fluid. Treated @ avg press of 1912.  
 w/avg rate of 24.7 bpm. ISIP 2150 psi. Calc  
 flush: 4784 gal. Actual flush: 4536 gal.

06/17/05 4523'-4532' **Frac PB10 sands as follows:**  
 31,070#'s of 20/40 sand in 302 bbls  
 lightning 17 frac fluid. Treated @ avg press  
 of 2192, w/avg rate of 24.7 bpm. ISIP 2740  
 psi. Calc flush: 4521 gal. Actual flush: 4284  
 gal.

06/17/05 4395'-4408' **Frac PB 7 sands as follows:**  
 52,060#'s of 20/40 sand in 412 bbls  
 lightning 17 frac fluid. Treated @ avg press  
 of 2406, w/avg rate of 24.8 bpm. ISIP 2790  
 psi. Calc flush: 4393 gal. Actual flush: 4326  
 gal.

Cement Top @ 510'



## PERFORATION RECORD

| Date     | Interval    | ISPF   | Holes    |
|----------|-------------|--------|----------|
| 06/13/05 | 5046'-5055' | 4 JSPF | 36 holes |
| 06/13/05 | 4948'-4963' | 4 JSPF | 60 holes |
| 06/17/05 | 4786'-4800' | 4 JSPF | 56 holes |
| 06/17/05 | 4523'-4532' | 4 JSPF | 36 holes |
| 06/17/05 | 4395'-4408' | 4 JSPF | 52 holes |

**NEWFIELD**

Ashley State 5-2-9-15  
 1997' FNL & 462' FWL  
 SW/NW Section 2-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32583; Lease #ML-43538

## **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  
1401 17<sup>th</sup> Street, Suite 1000  
Denver, Colorado 80202

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

See Attachment A.

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

Approval is requested to convert the Ashley State #5-2-9-15 from a producing oil well to a water injection well in Monument Butte (Green River) Field, Ashley PA A.

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

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

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

The injection zone is in the Green River Formation. For the Ashley State #5-2-9-15 well, the proposed injection zone is from Garden Gulch to Basal Limestone (4072' - 6080'). The confining strata directly above and below the injection zones are the Garden Gulch and Castle Peak Members of the Green River Formation, with the Garden Gulch Marker top at 4072' and the Castle Peak top at 5656'.

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

The referenced log for the Ashley State #5-2-9-15 is on file with the Utah Division of Oil, Gas and Mining.

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

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The 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.**

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 State lease (Lease #ML-43538) in the Monument Butte (Green River) Field, Ashley PA A, 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 313' GL, and 5-1/2" 15.5# J-55 casing run from surface to 6134' 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.

**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 2140 psig.

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

The minimum fracture gradient for the Ashley State #5-2-9-15, for existing perforations (4395' - 5055') 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 2140 psig. We may add additional perforations between 4072' and 6140'. See Attachments G and G-1.

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

In the Ashley State #5-2-9-15, the proposed injection zone (4072' - 6080') is in the Garden Gulch to Basal limestone members 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 Field. Outside the Monument Butte 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-6.

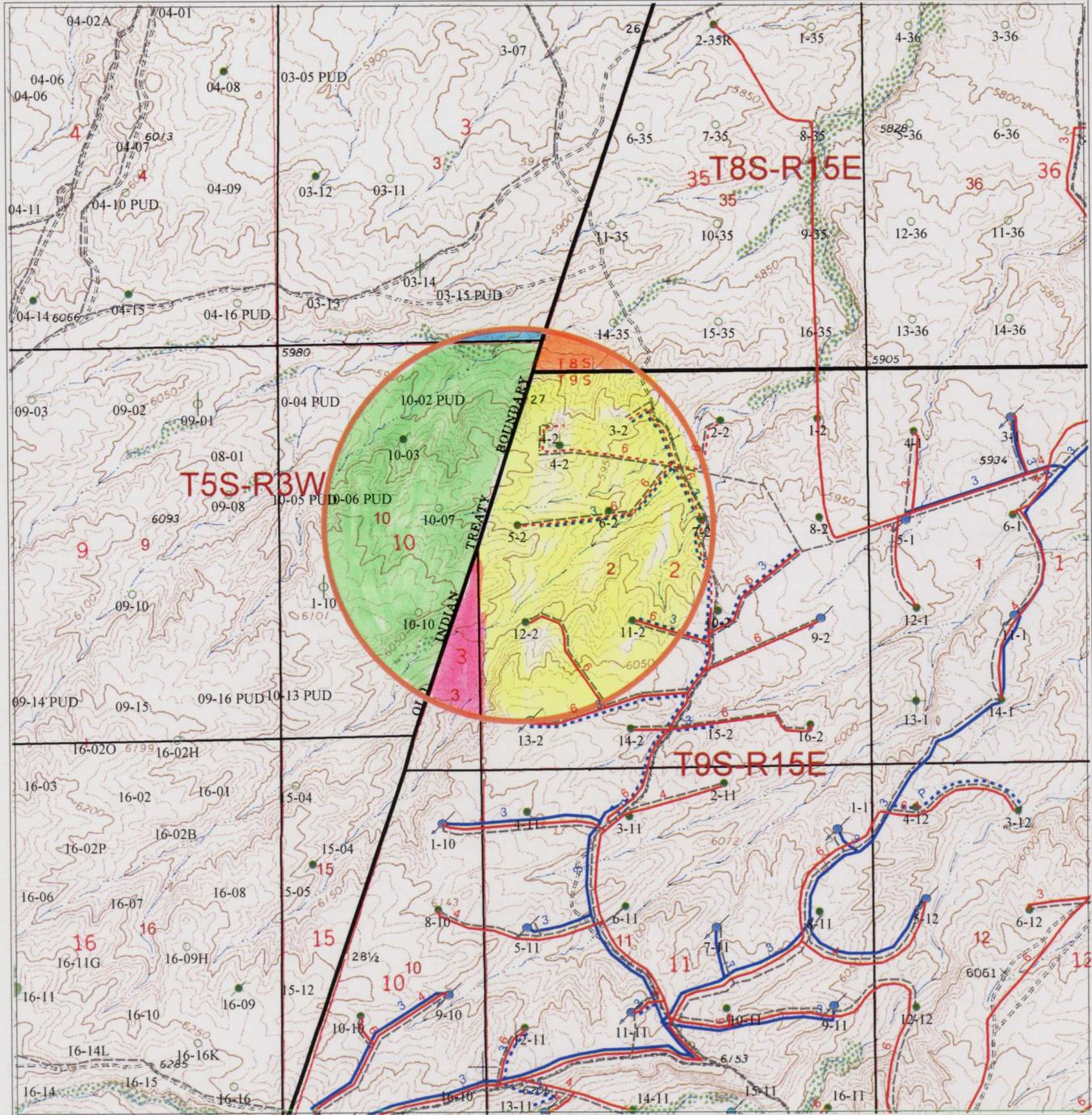
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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



- Well Status**
- Location
  - Surface Spud
  - Drilling
  - Waiting on Completion
  - Producing Oil Well
  - ☼ Producing Gas Well
  - ⊙ Water Injection Well
  - ⊕ Dry Hole
  - ⊖ Temporarily Abandoned
  - ⊗ Plugged & Abandoned
  - ⊘ Shut In
- Countyline**
- Countyline
- Injection system**
- high pressure
  - low pressure
  - - - proposed
  - return
  - - - return proposed
- Gas Pipelines**
- Gathering lines
  - - - Proposed lines
- Mining tracts**
- Mining tracts
  - 5-2-9-15 1/2 mile radius

ML-43538

UTU-74826

UTU-67168

TRIBAL

TRIBAL

Attachment A  
 Ashley 5-2-9-15  
 Section 2, T9S-R15E

**NEWFIELD**  
 ROCKY MOUNTAINS 1" = 2000'

**1/2 Mile Radius Map**  
 Duchesne County

Alamo Plaza Building  
 1401 17th Street Suite 1000  
 Denver, Colorado 80202-1247  
 Phone: (303) 893-0102

January 4, 2006

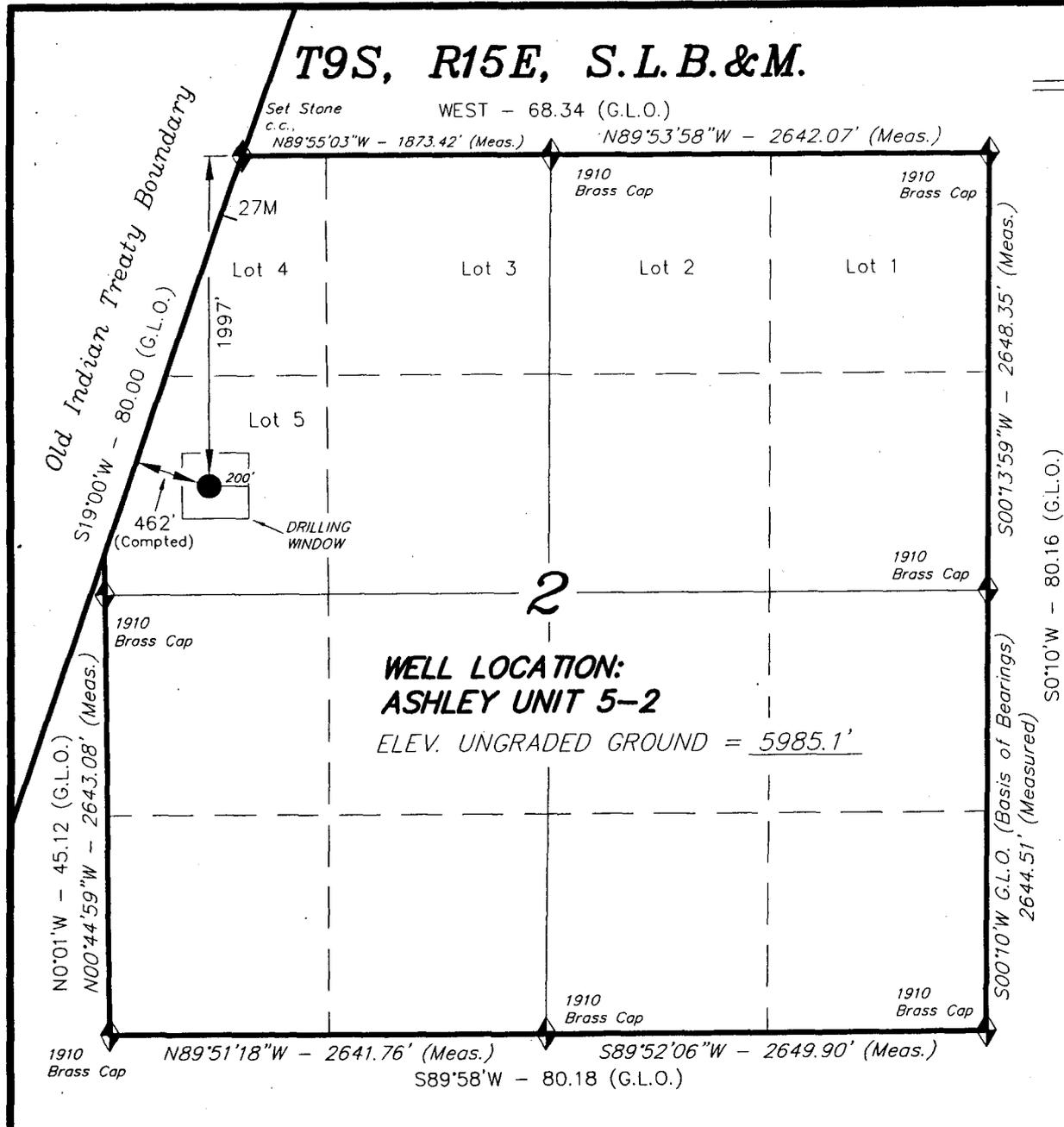
**T9S, R15E, S.L.B.&M.**

**INLAND PRODUCTION COMPANY**

WELL LOCATION, ASHLEY UNIT 5-2,  
 LOCATED AS SHOWN IN LOT 5 OF SECTION  
 2, T9S, R15E, S.L.B.&M. DUCHESNE  
 COUNTY, UTAH.

Attachment A-1

- Note:
1. Well Footages are Measured at Right Angles to the Section Lines.
  2. The well location bears N43°40'14"E 912.44' from the West 1/4 Corner of Section 2.



THIS IS TO CERTIFY THAT THE ABOVE PLAN 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  
 No. 189377  
 STACY W. STEWART  
 REGISTERED LAND SURVEYOR  
 REGISTRATION No. 189377  
 STATE OF UTAH

**TRI STATE LAND SURVEYING & CONSULTING**  
 180 NORTH VERNAL AVENUE - VERNAL, UTAH 84078  
 (435) 781-2501

|                   |                   |
|-------------------|-------------------|
| SCALE: 1" = 1000' | SURVEYED BY: D.P. |
| DATE: 3-30-04     | DRAWN BY: J.R.S.  |
| NOTES:            | FILE #            |

◆ = SECTION CORNERS LOCATED

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

## EXHIBIT B

Page 1

| # | Land Description  | Minerals Ownership &<br>Expires | Minerals<br>Leased By       | Surface Rights                    |
|---|---|---------------------------------|-----------------------------|-----------------------------------|
| 1 | <u>Township 9 South, Range 15 East</u><br>Section 1: All<br>Section 3: All<br>Section 10: All<br>Section 11: All<br>Section 12: All | UTU-74826<br>HBP                | Newfield Production Company | (Surface Rights)<br>USA           |
| 2 | <u>Township 9 South, Range 15 East</u><br>Section 2: All  | ML-43538<br>HBP                 | Newfield Production Company | (Surface Rights)<br>State of Utah |
| 3 | <u>Township 8 South, Range 15 East</u><br>Section 24: All<br>Section 25: All<br>Section 26: All<br>Section 35: All                  | UTU-67168<br>HBP                | Newfield Production Company | (Surface Rights)<br>USA           |

EXHIBIT B

Page 2

| # | Land Description  | Minerals Ownership &<br>Expires | Minerals<br>Leased By       | Surface Rights          |
|---|---|---------------------------------|-----------------------------|-------------------------|
| 4 | <u>Township 5 South, Range 3 West</u><br>Section 2: Lot 1<br>Section 3: Lots 1-14, SW/4 | UTE 14-20-H62-3502<br>HBP       | Newfield Production Company | (Surface Rights)<br>BIA |
| 5 | <u>Township 5 South, Range 3 West</u><br>Section 10: Lots 2 & 3, NW/4, W/2SW/4          | UTE 14-20-H62-3509<br>HBP       | Newfield Production Company | (Surface Rights)<br>BIA |

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Ashley State #5-2-9-15

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

Signed: David Gerbig  
Newfield Production Company  
David Gerbig  
Operations Engineer

Sworn to and subscribed before me this 3<sup>rd</sup> day of February, 2006.

Notary Public in and for the State of Colorado: Rainie DeSean

My Commission Expires: My Commission Expires  
05/05/2009

## Ashley State 5-2-9-15

Spud Date: 05/17/05  
 Put on Production: 06/24/05  
 GL: 5985' KB: 5997'

Initial Production: 14 BOPD,  
 61 MCFD, 74 BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8 5/8"  
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 WEIGHT: 24#  
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 CEMENT TOP AT: 510'

### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 155 jts (5026.02')  
 TUBING ANCHOR: 5038.02' KB  
 NO. OF JOINTS: 1 jts (33.52')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5074.34' KB  
 NO. OF JOINTS: 1 jts (33.50')  
 TOTAL STRING LENGTH: 5109.39' w/ 12' KB

### SUCKER RODS

POLISHED ROD: 1 1/2" x 22'  
 SUCKER RODS: 1-4', 1-6 x 3/4" pony rods, 100-3/4" scraped rods, 86-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weighted rods.  
 PUMP SIZE: 2 1/2" x 1 1/2" x 10" x 14" RHAC CDI pump  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 5 SPM  
 LOGS: Open hole, SP/GR/DIG,CBL

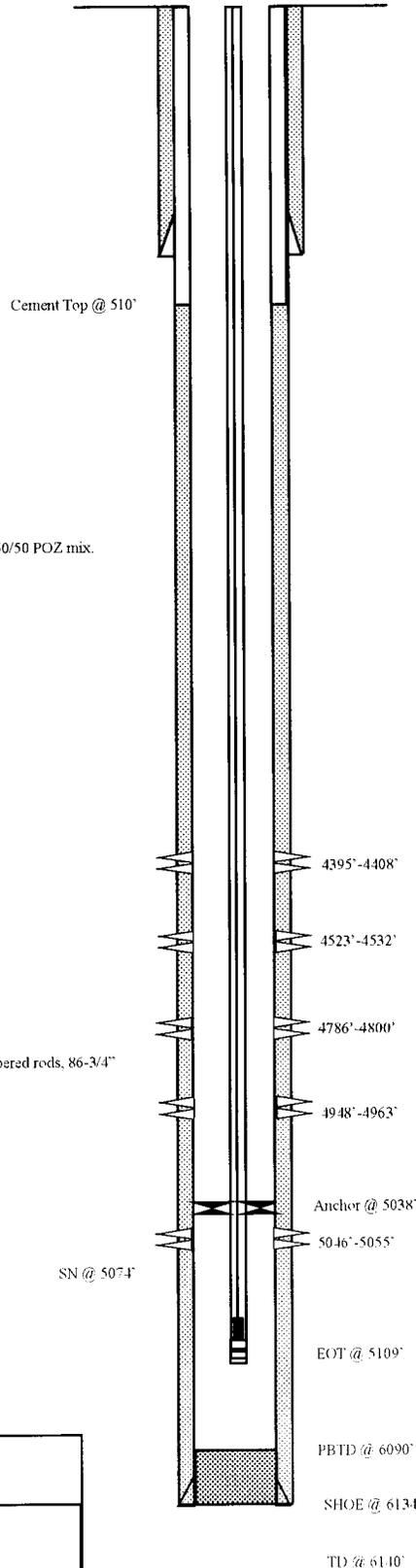
### FRAC JOB

06/17/05 4948'-5055' **Frac B.5 and C sands as follows:**  
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06/17/05 4786'-4800' **Frac D1 sands as follows:**  
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06/17/05 4523'-4532' **Frac PB10 sands as follows:**  
 31,070#s of 20/40 sand in 302 bbls lightning 17 frac fluid. Treated @ avg press of 2192, w/avg rate of 24.7 bpm. ISIP 2740 psi. Calc flush: 4521 gal. Actual flush: 4284 gal.

06/17/05 4395'-4408' **Frac PB 7 sands as follows:**  
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### PERFORATION RECORD

| Date     | Interval    | ISIP   | Holes    |
|----------|-------------|--------|----------|
| 06/13/05 | 5046'-5055' | 4 JSPF | 36 holes |
| 06/13/05 | 4948'-4963' | 4 JSPF | 60 holes |
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### NEWFIELD

Ashley State 5-2-9-15  
 1997' FNL & 462' FWL  
 SW: NW Section 2-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32583; Lease #ML-43538

# Wells Draw St. #4-2

Spud Date: 10/7/1984  
TA: 11/10/1984

GL: 5992' KB: 6004'

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 joints  
DEPTH LANDED: 285' GL  
HOLE SIZE: 13"  
CEMENT DATA: 210 sxs Class "G" cmt. Cement to surface.

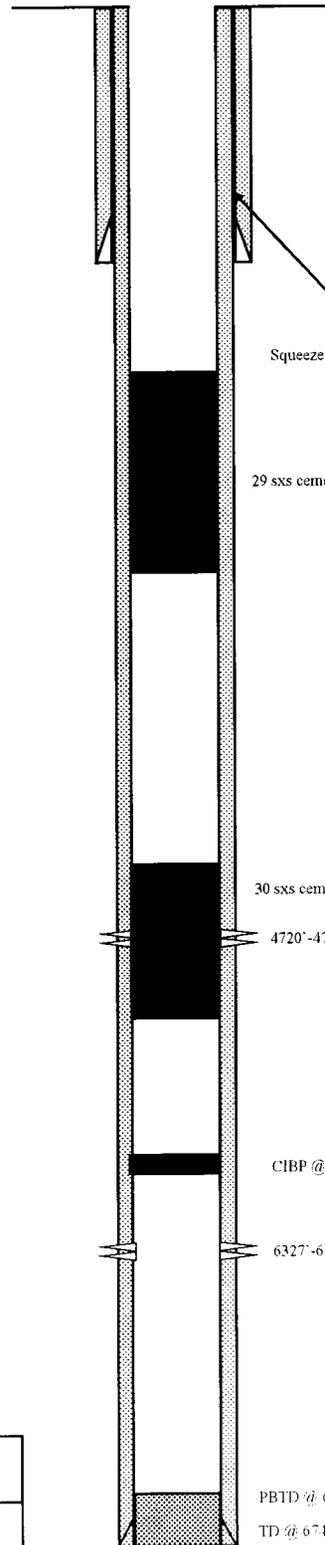
**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 17#  
LENGTH: 167 joints  
DEPTH LANDED: 6733' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 500 sxs Thixotropic  
CEMENT TOP AT: 3470' per CBL

Logs: CBL/VDL/GR

Initial Production: P&A

**Wellbore Diagram**



**FRAC JOB**

|          |             |  |                      |
|----------|-------------|--|----------------------|
| 11/02/84 | 6327'-6341' | Acidize zone as follows:<br>KCL. 4.5 BPM @ 3000 psi. | 2000 gal 5%<br>KCL.  |
| 11/06/84 | 6327'-6341' | Acidize zone as follows:<br>KCL. 5.5 BPM @ 3400 psi. | 1000 gal 15%<br>KCL. |
| 11/06/84 | 4720'-4732' | Acidize zone as follows:<br>KCL. 6.5 BPM @ 2700 psi. | 2500 gal 5%<br>KCL.  |
| 11/10/84 |             | T/A well.  |                      |
| 03/04/87 |             | Plug well.   |                      |

Squeeze 25 sxs cement into 8 5/8" - 5 1/2" annulus

29 sxs cement plug @ 1962'-2200'.

30 sxs cement plug @ 4570'-4830'.

4720'-4732'

CIBP @ 6250' (11/7/84)

6327'-6341'

PBTD @ 6733'

TD @ 6748'

**PERFORATION RECORD**

|          |             |        |          |
|----------|-------------|--------|----------|
| 11/01/84 | 6327'-6341' | 1 JSPF | 14 holes |
| 11/08/84 | 4720'-4732' | 1 JSPF | 12 holes |



**Inland Resources Inc.**

**Wells Draw State #4-2**

984' ENL & 678' FWL

NWNW Section 2-T9S-R15E

Duchesne Co. Utah

API #43-013-30997; Lease #ML-43538

# Ashley State #6-2-9-15

Spud Date: 05/14/05  
 Put on Production: 07/21/05  
 GL: 5946' KB: 5958'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7jts.(301.32')  
 DEPTH LANDED: 313.17' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 160 sks Class "G" . Est 5 bbls cmt to surface.

**PRODUCTION CASING**

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 144 jts.  
 DEPTH LANDED: 6113.95' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 300 sks Prem. Lite II. 400 sks 50/50 poz.  
 CEMENT TOP AT: 173'

**TUBING**

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 175 jts (5704.35')  
 TUBING ANCHOR: 5716.35' KB  
 NO. OF JOINTS: 1 jts (32.62')  
 SEATING NIPPLE: 2 7/8" (65.26')  
 SN LANDED AT: 5761.76' KB  
 NO. OF JOINTS: 2 jts (65.26')  
 TOTAL STRING LENGTH: EOT @ 5818.57'

**SUCKER RODS**

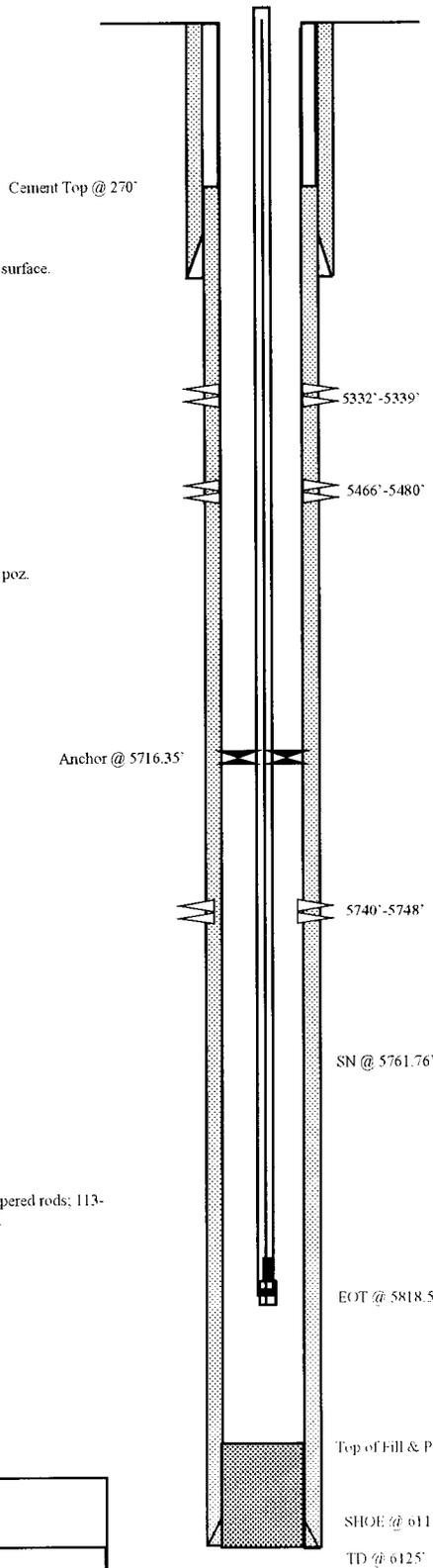
POLISHED ROD: 1 1/2" x 22'  
 SUCKER RODS: 1-8", 1-2 x 3/4" pony rods, 100-3/4" scraped rods; 113-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rod.  
 PUMP SIZE: 2 1/2" x 1 1/2" 10' x 14' RHAC pump  
 STROKE LENGTH: 86'  
 PUMP SPEED: SPM: 5 SPM  
 LOGS: DIGL/SP/GRCAL

**FRAC JOB**

07/18/05 5740'-5748' **Frac CP 2 sands as follows:**  
 34,485#s of 20/40 sand in 359 bbls  
 Lightning 17 frac reated @ ave pressure of 1923w/ ave rate of 24.8 bpm. Calc flush 5738 gal. Actual flush: 5754 gal. ISIP 2250.  
 07/18/05 5466'-5480' **Frac LODC sands as follows:**  
 98,903#s of 20/40 sand in 714 bbls Lightning 17 frac fluid. Treated @ ave pressure of 2390 w/ ave rate of 24.7 bpm sand. Calc. flush 5464 gal. Actual flush 5502. ISP 2550.  
 07/18/05 5332'-5339' **Frac LODC sands as follows:**  
 18,804#s of 20/40 sand in 254 bbls Lightning 17 frac fluid. Treated @ ave pressure of 2329 w/ ave rate of 14.2 bpm . Calc. Flush 5330 gal. Actual Flush 5250 gal.ISIP 3000.

**PERFORATION RECORD**

| Date     | Interval    | Tool   | Holes    |
|----------|-------------|--------|----------|
| 07/18/05 | 5332'-5339' | 4 JSPF | 28 holes |
| 07/18/05 | 5466'-5480' | 4 JSPF | 56 holes |
| 07/18/05 | 5740'-5748' | 4 JSPF | 32 holes |



**NEWFIELD**

**Ashley State 6-2-9-15**  
 1630' F/LS LINE & 1630' F/UNIT LINE  
 SE:NW Section 2-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32584; Lease #ML-43538

# Ashley State 7-2-9-15

Spud Date: 4/8/05  
Put on Production: 6/9/05

Initial Production: 30 BOPD,  
90 MCFD, 50 BWPD

## Wellbore Diagram

GL: 5949' KB: 5961'

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (304.85')  
DEPTH LANDED: 314.85' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 141 jts. (6139.11')  
DEPTH LANDED: 6125.11' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II & 400 sxs 50/50 POZ.  
CEMENT TOP AT: 612'

### TUBING

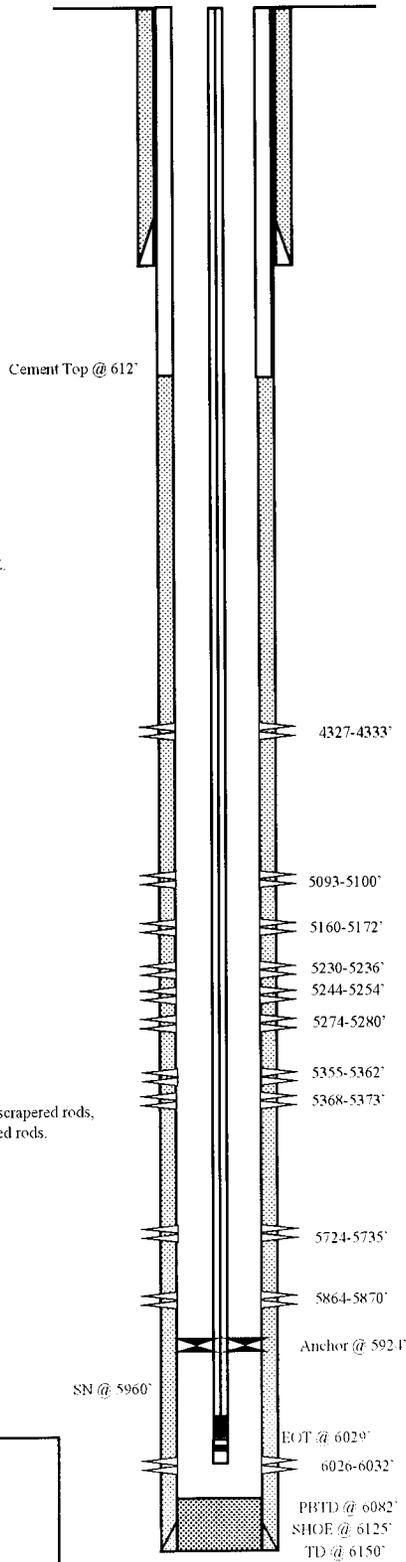
SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 177 jts (5911.95')  
TUBING ANCHOR: 5923.95' KB  
NO. OF JOINTS: 1 jts (33.43')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5960.18' KB  
NO. OF JOINTS: 2 jts (66.87')  
TOTAL STRING LENGTH: EOT @ 6028.60' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 1-2", 1-4", 1-6", 1-8" x 3/4" ponies, 99- 3/4" scraped rods, 122-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weighted rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 14" RHAC SM plunger  
STROKE LENGTH: 82"  
PUMP SPEED: 5 SPM

### FRAC JOB

|        |            |  |
|--------|------------|--|
| 6/2/05 | 5864-6032' | <b>FRACCP J &amp; CP5 sands as follows:</b><br>33,899#'s 20/40 sand in 374 bbls Lightning<br>17 frac fluid. Treated @ avg press of 2070 psi<br>w/avg rate of 28 BPM. ISIP 2200. Calc.<br>flush: 5862. Actual flush: 5922               |
| 6/2/05 | 5724-5735' | <b>Frac CPI sands as follows:</b><br>40,308#'s 20/40 sand in 418 bbls Lightning<br>17 frac fluid. Treated @ avg press of 1770 psi<br>w/avg rate of 24.5 BPM. ISIP 2600 Calc<br>flush: 5722 gal. Actual flush: 5712 gal.                |
| 6/3/05 | 5355-5373' | <b>Frac LODC, sands as follows:</b><br>44,169#'s 20/40 sand in 424 bbls Lightning<br>17 frac fluid. Treated @ avg press of 2100 psi<br>w/avg rate of 24.6 BPM. ISIP 2650 psi. Calc<br>flush: 5353 gal. Actual flush: 5376 gal.         |
| 6/3/05 | 5230-5280' | <b>Frac A1 &amp; 3 sands as follows:</b><br>74,796#'s 20/40 sand in 600 bbls Lightning<br>17 frac fluid. Treated @ avg press of 1848 psi<br>w/avg rate of 24.5 BPM. ISIP 2500 psi. Calc<br>flush: 5228 gal. Actual flush: 5418 gal.    |
| 6/3/05 | 5093-5172' | <b>Frac A.5 &amp; B2 sands as follows:</b><br>109,605#'s 20/40 sand in 800 bbls Lightning<br>17 frac fluid. Treated @ avg press of 1720 psi<br>w/avg rate of 24.7 BPM. ISIP 2150 psi. Calc<br>flush: 5091 gal. Actual flush: 5082 gal. |
| 6/3/05 | 4327-4333' | <b>Frac GB6 sands as follows:</b><br>21,146#'s 20/40 sand in 247 bbls Lightning<br>17 frac fluid. Treated @ avg press of 2180 psi<br>w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc<br>flush: 4325 gal. Actual flush: 4242 gal.           |



### PERFORATION RECORD

| Date    | Interval   | Tool   | Holes    |
|---------|------------|--------|----------|
| 5-24-05 | 6026-6032' | 4 JSPF | 24 holes |
| 5-24-05 | 5864-5870' | 4 JSPF | 24 holes |
| 6-02-05 | 5724-5735' | 4 JSPF | 44 holes |
| 6-02-05 | 5368-5373' | 4 JSPF | 20 holes |
| 6-02-05 | 5355-5362' | 4 JSPF | 28 holes |
| 6-03-05 | 5274-5280' | 4 JSPF | 24 holes |
| 6-03-05 | 5244-5254' | 4 JSPF | 40 holes |
| 6-03-05 | 5230-5236' | 4 JSPF | 24 holes |
| 6-03-05 | 5160-5172' | 4 JSPF | 48 holes |
| 6-03-05 | 5093-5100' | 4 JSPF | 28 holes |
| 6-03-05 | 4327-4333' | 4 JSPF | 24 holes |

**NEWFIELD**

Ashley State 7-2-9-15  
2008' FNL & 2254' FEJ.  
SW/NE Section 2-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32585; Lease # MH-43538

# Ashley State 11-2-9-15

Spud Date: 6/2/04  
 Put on Production: 7/27/04  
 GL: 6028" KB: 6040"

Initial Production: BOPD,  
 MCFD, BWPD

## Injection Wellbore Diagram

### SURFACE CASING

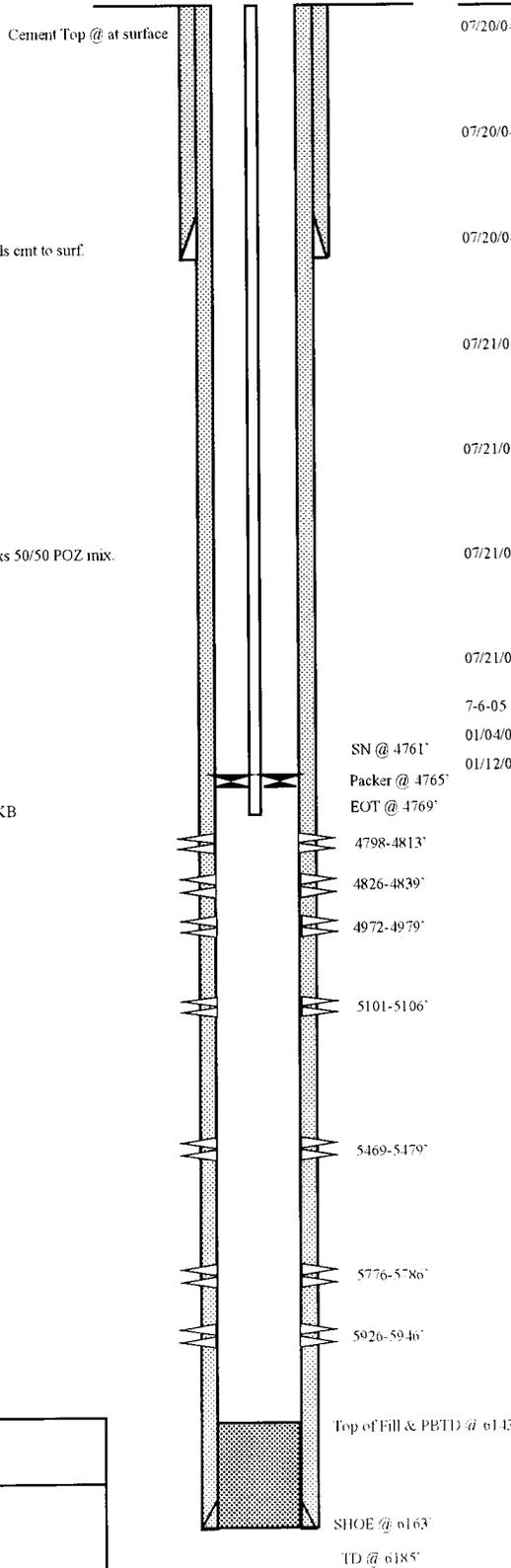
CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (300.16')  
 DEPTH LANDED: 310.16' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 160sxs Class "G" mixed cmt, est 7 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 144 jts. (6164.61')  
 DEPTH LANDED: 6162.61' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 275 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix.  
 CEMENT TOP AT: at surface

### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 147 jts (4748.73')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 4760.73' KB  
 TOTAL STRING LENGTH: EOT @ 4769.23' w/ 12' KB



### FRAC JOB

07/20/04 5926-5946' **Frac CP3 sands as follows:**  
 43,993# 20/40 sand in 456 bbls lightning Frac 17 fluid. Treated @ avg press of 1947 psi w/avg rate of 27.5 BPM. ISIP 2150 psi. Calc flush: 5924 gal. Actual flush: 5922 gal.

07/20/04 5776-5786' **Frac CP1 sands as follows:**  
 19,621# 20/40 sand in 282 bbls lightning Frac 17 fluid. Treated @ avg press of 1990 psi w/avg rate of 24.6 BPM. ISIP 2250 psi. Calc flush: 5774 gal. Actual flush: 5775 gal.

07/20/04 5469-5479' **Frac LODC sands as follows:**  
 35,046# 20/40 sand in 372 bbls lightning Frac 17 fluid. Treated @ avg press of 2145 psi w/avg rate of 24.7 BPM. ISIP 2500 psi. Calc flush: 5467 gal. Actual flush: 5460 gal.

07/21/04 5101-5106' **Frac B2 sands as follows:**  
 15,946# 20/40 sand in 212 bbls lightning Frac 17 fluid. Treated @ avg press of 2358 psi w/avg rate of 24.7 BPM. ISIP 4200 psi. Calc flush: 5099 gal. Actual flush: 3780 gal.

07/21/04 4972-4979' **Frac C sands as follows:**  
 29,454# 20/40 sand in 337 bbls lightning Frac 17 fluid. Treated @ avg press of 2344 psi w/avg rate of 30.6 BPM. ISIP 2400 psi. Calc flush: 4970 gal. Actual flush: 4998 gal.

07/21/04 4798-4839' **Frac D2 and 1 sands as follows:**  
 148,377# 20/40 sand in 981 bbls lightning Frac 17 fluid. Treated @ avg press of 1990 psi w/avg rate of 24.5 BPM. ISIP 2500 psi. Calc flush: 4970 gal. Actual flush: 4998 gal.

07/21/04 ?????-????? **Frac DS1 sands as follows:**  
 Decision made to leave behind stage #7

7-6-05 Pump change. Update rod and tubing detail.

01/04/06 **Converted to an Injection Well.**

01/12/06 **MIT Completed.**

### PERFORATION RECORD

| Date     | Interval   | Tool   | Holes    |
|----------|------------|--------|----------|
| 07/09/04 | 5926-5946' | 4 JSPF | 80 holes |
| 07/20/04 | 5776-5786' | 4 JSPF | 40 holes |
| 07/20/04 | 5469-5479' | 4 JSPF | 40 holes |
| 07/20/04 | 5101-5106' | 4 JSPF | 20 holes |
| 07/21/04 | 4972-4979' | 4 JSPF | 28 holes |
| 07/21/04 | 4826-4839' | 4 JSPF | 52 holes |
| 07/21/04 | 4798-4813' | 4 JSPF | 60 holes |

**NEWFIELD**

Ashley State 11-2-9-15  
 1982' FSL & 2078' FWL  
 NE 1/4 Section 2-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32575; Lease #MII-43538

# Ashley State 12-2-9-15

Initial Production:

Spud Date: 7/1/04  
 Put on Production: 8/11/04  
 GL: 5996' KB: 6008'

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (310.87')  
 DEPTH LANDED: 320.87' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 150 sxs class "G" mixed cmt, est 4 bbls cmt to surf.  
 Cement top @ 70'

**PRODUCTION**

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 LENGTH: 144 jts (6140.92')  
 DEPTH LANDED: 6138.92' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 285 sxs Prem. Lite II mixed & 400 sxs 50/50 Poz mix.  
 CEMENT TOP AT: 70'

**TUBING**

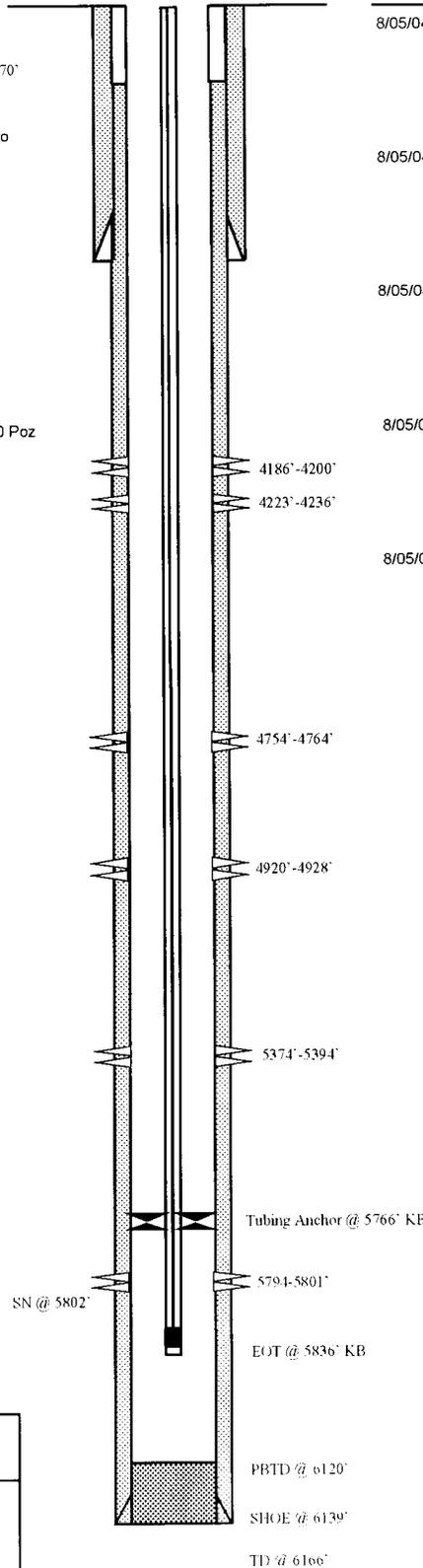
SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 178 jts. @ 5754.34'  
 TUBING ANCHOR: 5766.34' KB  
 NO. OF JOINTS: 1 jt. (32.56')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: (5801.70') KB  
 NO. OF JOINTS: 1 jt. (32.52')  
 TOTAL STRING LENGTH: EOT @ 5835.77' W/ 12' KB

**SUCKER RODS**

POLISHED RODS: 1 1/2" x 22'  
 SUCKER RODS: 1-6", 1-2' x 3/4" pony rods, 100- 3/4" scraped rods, 116-3/4" plain rods, 10-3/4" scraped rods, 6- 1 1/2" wt. bars.  
 PUMP SIZE: 2 1/2" x 1 1/2" x 16' RHAC W/ SM Plunger  
 STROKE LENGTH: 78"  
 SPM: 6.5 SPM

**FRAC JOB**

- 8/05/04 5794'-5801' **Frac CP2 sands as follows:**  
 13,834# 20/40 sand in 254 bbls Lightning 17 frac fluid. Treated @ avg pressure of 2253 psi w/avg rate of 24.6 BPM. ISIP 1980 psi. Calc flush: 5792 gal. Actual flush: 5788 gal.
- 8/05/04 5374'-5394' **Frac LODC sands as follows:**  
 74,425# 20/40 sand in 571 bbls Lightning 17 frac fluid. Treated @ avg pressure of 2183 psi w/avg rate of 19.7 BPM. ISIP 2500 psi. Calc flush: 5372 gal. Actual flush: 5372 gal.
- 8/05/04 4920'-4928' **Frac C sands as follows:**  
 19,600# 20/40 sand in 266 bbls Lightning 17 frac fluid. Treated @ avg pressure of 2148 psi w/avg rate of 24.9 BPM. ISIP 1970 psi. Calc flush: 4918 gal. Actual flush: 4918 gal.
- 8/05/04 4754'-4764' **Frac D1 sands as follows:**  
 34,627# 20/40 sand in 369 bbls Lightning 17 frac fluid. Treated @ avg pressure of 1849 psi w/avg rate of 20 BPM. ISIP 2240 psi. Calc flush: 4752 gal. Actual flush: 4750 gal.
- 8/05/04 4186'-4236' **Frac GB4 sands as follows:**  
 114,287# 20/40 sand in 770 bbls Lightning 17 frac fluid. Treated @ avg pressure of 1796 psi w/avg rate of 24.9 BPM. ISIP 2120 psi. Calc flush: 4184 gal. Actual flush: 4074 gal.



**Perforation Record**

| Date     | Interval   | ISPF   | Holes    |
|----------|------------|--------|----------|
| 08-02-04 | 5794-5801' | 4 JSPF | 28 holes |
| 08-05-04 | 5374-5394' | 4 JSPF | 80 holes |
| 08-05-04 | 4920-4928' | 4 JSPF | 32 holes |
| 08-05-04 | 4754-4764' | 4 JSPF | 40 holes |
| 08-05-04 | 4223-4236' | 4 JSPF | 52 holes |
| 08-05-04 | 4186-4200' | 4 JSPF | 56 holes |

**Inland Resources Inc.**  
 Ashley State 12-2-9-15  
 1978' FSL & 638' FWL  
 NW/SW Section 2-19S-R15E  
 Duchesne Co. Utah  
 API #43-013-32576; Lease #NII-43538

# Ashley State 13-2-9-15

Spud Date: 6/26/04  
 Put on Production: 8/5/04  
 GL: 6084' KB: 6096'

Initial Production: BOPD,  
 MCFD, BWPD

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (311.15')  
 DEPTH LANDED: 321.15' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs Class "G" emt, est 4 bbls emt to surf.

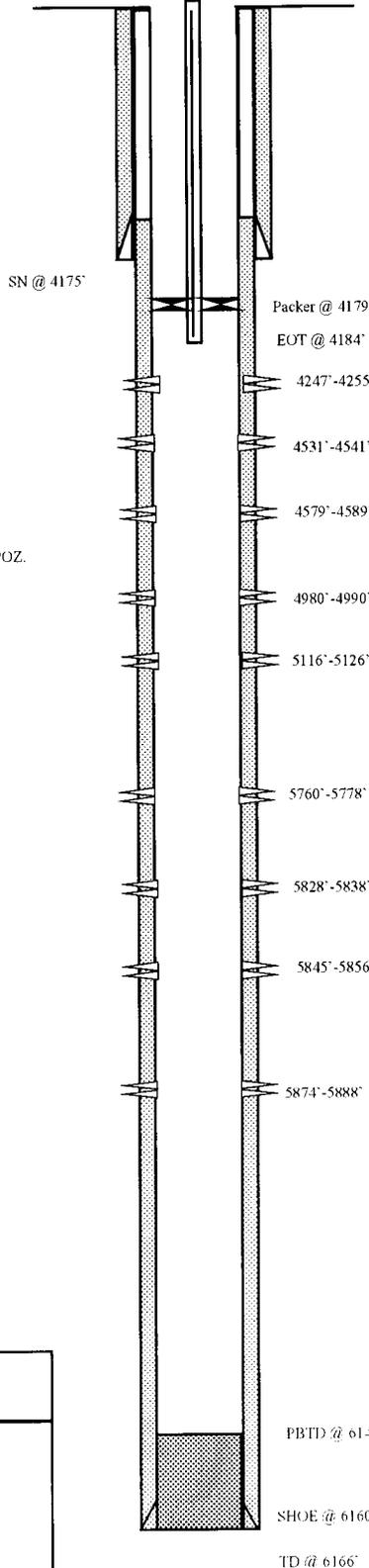
**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 145 jts. (6161.79')  
 DEPTH LANDED: 6159.79' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 285 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 350'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 128 jts (4163.04')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4175.04' KB  
 PACKER: 4179.39' KB  
 TOTAL STRING LENGTH: EOT @ 4183.68'

**Injection Wellbore Diagram**



**FRAC JOB**

7/29/04 5760'-5888' **Frac CP1, CP2 and CP3 sands as follows:**  
 199,069# 20/40 sand in 1341 bbls Lightning 17 Frac fluid. Treated @ avg press of 1681 psi w/avg rate of 39.2 BPM. ISIP 1900 psi. Calc flush: 5758 gal. Actual flush: 5754 gal.

7/29/04 5116'-5126' **Frac B2 sands as follows:**  
 29,553# 20/40 sand in 323 bbls Lightning 17 Frac fluid. Treated @ avg press of 1874 psi w/avg rate of 19 BPM. ISIP 1750 psi. Calc flush: 5114 gal. Actual flush: 5158 gal.

7/30/04 4531'-4589' **Frac PB10 sands as follows:**  
 70,620# 20/40 sand in 525 bbls Lightning 17 Frac fluid. Treated @ avg press of 1686 psi w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc flush: 4529 gal. Actual flush: 4528 gal.

7/30/04 4247'-4255' **Frac GB4 sands as follows:**  
 15,241# 20/40 sand in 219 bbls Lightning 17 Frac fluid. Treated @ avg press of 2014 psi w/avg rate of 24 BPM. ISIP 2200 psi. Calc flush: 4245 gal. Actual flush: 4158 gal.

4/04/05 Tubing leak. Update rod and tubing detail.

8-30-05 Injection Conversion. Update rod and tubing detail.

9-22-05 MIT complete.

**DID NOT FRAC**

**PERFORATION RECORD**

|         |             |        |          |
|---------|-------------|--------|----------|
| 7/27/04 | 5874'-5888' | 4 JSPF | 56 holes |
| 7/27/04 | 5845'-5856' | 4 JSPF | 44 holes |
| 7/27/04 | 5828'-5838' | 4 JSPF | 40 holes |
| 7/27/04 | 5760'-5778' | 4 JSPF | 72 holes |
| 7/29/04 | 5116'-5126' | 4 JSPF | 40 holes |
| 7/29/04 | 4980'-4990' | 4 JSPF | 40 holes |
| 7/30/04 | 4579'-4589' | 4 JSPF | 40 holes |
| 7/30/04 | 4531'-4541' | 4 JSPF | 40 holes |
| 7/30/04 | 4247'-4255' | 4 JSPF | 32 holes |

**NEWFIELD**

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Ashley State 13-2-9-15  
 661 FSL & 670 FWL  
 SWSW Section 2-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32577, Lease # N/L-43538

Analytical Laboratory Report for:



Chemical Services

NEWFIELD PRODUCTION COMPANY

Account Representative:  
Arnold, Joe

## Production Water Analysis

Listed below please find water analysis report from: JOHNSON WATER LINE, JOHNSON STATION #2 CHARGE PUMP

Lab Test No: 2005400163 Sample Date: 01/10/2005  
Specific Gravity: 1.002

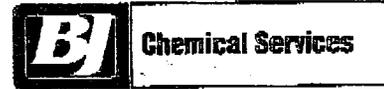
TDS: 674

pH: 8.20

| Cations:         | mg/L  | as:                              |
|------------------|-------|----------------------------------|
| Calcium          | 80.00 | (Ca <sup>++</sup> )              |
| Magnesium        | 56.00 | (Mg <sup>++</sup> )              |
| Sodium           | 0     | (Na <sup>+</sup> )               |
| Iron             | 0.70  | (Fe <sup>++</sup> )              |
| Manganese        | 0.00  | (Mn <sup>++</sup> )              |
| Anions:          | mg/L  | as:                              |
| Bicarbonate      | 366   | (HCO <sub>3</sub> <sup>-</sup> ) |
| Sulfate          | 100   | (SO <sub>4</sub> <sup>-</sup> )  |
| Chloride         | 71    | (Cl <sup>-</sup> )               |
| Gases:           |       |                                  |
| Carbon Dioxide   |       | (CO <sub>2</sub> )               |
| Hydrogen Sulfide | 0     | (H <sub>2</sub> S)               |

NEWFIELD PRODUCTION Lab Test No: 2005400163  
 COMPANY

DownHole SAT™ Scale Prediction  
 @ 50 deg. F



| Mineral Scale        | Saturation Index | Momentary Excess<br>(lbs/1000 bbls) |
|----------------------|------------------|-------------------------------------|
| Calcite (CaCO3)      | 5.02             | 1.13                                |
| Aragonite (CaCO3)    | 4.41             | 1.09                                |
| Witherite (BaCO3)    | 0                | -4.08                               |
| Strontianite (SrCO3) | 0                | -.99                                |
| Magnesite (MgCO3)    | 2.13             | .628                                |
| Anhydrite (CaSO4)    | .0183            | -369.47                             |
| Gypsum (CaSO4*2H2O)  | .0429            | -249.59                             |
| Barite (BaSO4)       | 0                | -.024                               |
| Celestite (SrSO4)    | 0                | -49.8                               |
| Silica (SiO2)        | 0                | -28.21                              |
| Brucite (Mg(OH)2)    | < 0.001          | -.737                               |
| Magnesium silicate   | 0                | -60.59                              |
| Siderite (FeCO3)     | 11.14            | .0732                               |
| Halite (NaCl)        | < 0.001          | -136816                             |
| Thenardite (Na2SO4)  | < 0.001          | -35132                              |
| Iron sulfide (FeS)   | 0                | -.0183                              |

**Interpretation of DHSat Results:**

The Saturation Index is calculated for each mineral species independently and is a measure of the degree of supersaturation (driving force for precipitation) under the conditions modeled. This value ranges from 0 to infinity with 1.0 representing a condition of equilibrium where scale will neither dissolve nor precipitate. Values less than 1.0 are undersaturated and values greater than 1.0 are supersaturated. The scale is logarithmic, i.e. a Saturation Index of 3 is 10 times more saturated than a value of 2.

The Momentary excess is a measure of how much scale would have to precipitate to bring the system back to a non-scaling condition. This value ranges from negative (dissolving) infinity to positive (precipitating) infinity. The Momentary Excess represents the amount of scale possible while the Saturation Level represents the probability that scale will form.

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|  |   |
|--|---|
| <b>Analytical Laboratory Report for:</b><br><b>NEWFIELD PRODUCTION COMPANY</b> |  <b>Chemical Services</b> |
|  | <b>Account Representative:</b><br><b>Arnold, Joe</b>  |

## Production Water Analysis

Listed below please find water analysis report from: RUN A, ASHLEY STATE 5-2-9-15 TREATER

**Lab Test No:** 2006400013      **Sample Date:** 01/03/2006  
**Specific Gravity:** 1.015  
**TDS:** 21167  
**pH:** 8.40

| <b>Cations:</b>  | <b>mg/L</b> | <b>as:</b>                       |
|------------------|-------------|----------------------------------|
| Calcium          | 120         | (Ca <sup>++</sup> )              |
| Magnesium        | 76.00       | (Mg <sup>++</sup> )              |
| Sodium           | 7866        | (Na <sup>+</sup> )               |
| Iron             | 6.60        | (Fe <sup>++</sup> )              |
| Manganese        | 0.30        | (Mn <sup>++</sup> )              |
| <b>Anions:</b>   | <b>mg/L</b> | <b>as:</b>                       |
| Bicarbonate      | 1098        | (HCO <sub>3</sub> <sup>-</sup> ) |
| Sulfate          | 0           | (SO <sub>4</sub> <sup>=</sup> )  |
| Chloride         | 12000       | (Cl)                             |
| <b>Gases:</b>    |             |                                  |
| Carbon Dioxide   |             | (CO <sub>2</sub> )               |
| Hydrogen Sulfide | 0           | (H <sub>2</sub> S)               |

NEWFIELD PRODUCTION  
COMPANY

Lab Test No: 2006400013

DownHole SAT™ Scale Prediction  
@ 130 deg. F

| Mineral Scale                                 | Saturation Index | Momentary Excess<br>(lbs/1000 bbls) |
|---|------------------|-------------------------------------|
| Calcite (CaCO <sub>3</sub> )                  | 32.14            | 18.71                               |
| Aragonite (CaCO <sub>3</sub> )                | 26.72            | 18.56                               |
| Witherite (BaCO <sub>3</sub> )                | 0                | -4.98                               |
| Strontianite (SrCO <sub>3</sub> )             | 0                | -1.31                               |
| Magnesite (MgCO <sub>3</sub> )                | 26.63            | 15.64                               |
| Anhydrite (CaSO <sub>4</sub> )                | 0                | -665.36                             |
| Gypsum (CaSO <sub>4</sub> *2H <sub>2</sub> O) | 0                | -814.93                             |
| Barite (BaSO <sub>4</sub> )                   | 0                | -7.59                               |
| Celestite (SrSO <sub>4</sub> )                | 0                | -178.38                             |
| Silica (SiO <sub>2</sub> )                    | 0                | -79.54                              |
| Brucite (Mg(OH) <sub>2</sub> )                | .0368            | -1.22                               |
| Magnesium silicate                            | 0                | -129.8                              |
| Siderite (FeCO <sub>3</sub> )                 | 704.53           | .666                                |
| Halite (NaCl)                                 | .0012            | -191255                             |
| Thenardite (Na <sub>2</sub> SO <sub>4</sub> ) | 0                | -57928                              |
| Iron sulfide (FeS)                            | 0                | -.0179                              |

**Interpretation of DHSat Results:**

The Saturation Index is calculated for each mineral species independently and is a measure of the degree of supersaturation (driving force for precipitation) under the conditions modeled. This value ranges from 0 to infinity with 1.0 representing a condition of equilibrium where scale will neither dissolve nor precipitate. Values less than 1.0 are undersaturated and values greater than 1.0 are supersaturated. The scale is logarithmic, i.e. a Saturation Index of 3 is 10 times more saturated than a value of 2.

The Momentary excess is a measure of how much scale would have to precipitate to bring the system back to a non-scaling condition. This value ranges from negative (dissolving) infinity to positive (precipitating) infinity. The Momentary Excess represents the amount of scale possible while the Saturation Level represents the probability that scale will form.

DownHole SAT(tm)  
MIXED WATER CHEMISTRY

Page 5 of 6

1) Johnson Water

2) Ash St 5-2-9-15

Report Date: 01-04-2006

## CATIONS

|                   |        |
|-------------------|--------|
| Calcium (as Ca)   | 250.00 |
| Magnesium (as Mg) | 214.00 |
| Barium (as Ba)    | 0.00   |
| Strontium (as Sr) | 0.00   |
| Sodium (as Na)    | 3933   |
| Iron (as Fe)      | 3.50   |
| Manganese (as Mn) | 0.150  |

## ANIONS

|                        |        |
|------------------------|--------|
| Chloride (as Cl)       | 6250   |
| Sulfate (as SO4)       | 50.00  |
| Dissolved CO2 (as CO2) | 10.84  |
| Bicarbonate (as HCO3)  | 709.86 |
| Carbonate (as CO3)     | 178.04 |
| H2S (as H2S)           | 0.00   |

## PARAMETERS

|                    |        |
|--------------------|--------|
| pH                 | 8.36   |
| Temperature (°F)   | 130.00 |
| Density(g/mL)      | 1.00   |
| Pressure(atm)      | 1.00   |
| Calculated T.D.S.  | 11603  |
| Molar Conductivity | 15412  |

BJ Chemical Services  
Roosevelt, Utah

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DownHole SAT(tm)  
MIXED WATER DEPOSITION POTENTIAL INDICATORS

1) Johnson Water

2) Ash St 5-2-9-15

Report Date: 01-04-2006

## SATURATION LEVEL

|                          |        |
|--------------------------|--------|
| Calcite (CaCO3)          | 68.84  |
| Aragonite (CaCO3)        | 57.23  |
| Witherite (BaCO3)        | 0.00   |
| Strontianite (SrCO3)     | 0.00   |
| Magnesite (MgCO3)        | 74.06  |
| Anhydrite (CaSO4)        | 0.0116 |
| Gypsum (CaSO4*2H2O)      | 0.0101 |
| Barite (BaSO4)           | 0.00   |
| Magnesium silicate       | 0.00   |
| Iron hydroxide (Fe(OH)3) | 34764  |
| Iron sulfide (FeS)       | 0.00   |

## MOMENTARY EXCESS (Lbs/1000 Barrels)

|                          |          |
|--------------------------|----------|
| Calcite (CaCO3)          | 13.88    |
| Aragonite (CaCO3)        | 13.84    |
| Witherite (BaCO3)        | -4.42    |
| Strontianite (SrCO3)     | -1.18    |
| Magnesite (MgCO3)        | 11.71    |
| Anhydrite (CaSO4)        | -475.41  |
| Gypsum (CaSO4*2H2O)      | -581.16  |
| Barite (BaSO4)           | -1.21    |
| Magnesium silicate       | -121.23  |
| Iron hydroxide (Fe(OH)3) | < 0.001  |
| Iron sulfide (FeS)       | -0.00493 |

## SIMPLE INDICES

|                   |      |
|-------------------|------|
| Langelier         | 2.16 |
| Stiff Davis Index | 2.28 |

## BOUND IONS

|           | TOTAL  | FREE   |
|-----------|--------|--------|
| Calcium   | 250.00 | 202.71 |
| Barium    | 0.00   | 0.00   |
| Carbonate | 178.04 | 24.27  |
| Phosphate | 0.00   | 0.00   |
| Sulfate   | 50.00  | 34.60  |

## OPERATING CONDITIONS

|                  |        |
|------------------|--------|
| Temperature (°F) | 130.00 |
| Time (mins)      | 3.00   |

BJ Chemical Services  
Roosevelt, Utah

**Attachment "G"**

**Ashley State #5-2-9-15  
Proposed Maximum Injection Pressure**

| Frac Interval<br>(feet) |        | Avg. Depth<br>(feet) | ISIP<br>(psi)  | Calculated<br>Frac<br>Gradient<br>(psi/ft) | Pmax               |
|-------------------------|--------|----------------------|----------------|--|--------------------|
| Top                     | Bottom |                      |                |  |                    |
| 4948                    | 5055   | 5002                 | 2160           | 0.87                                       | 2149               |
| 4786                    | 4800   | 4793                 | 2150           | 0.88                                       | 2140 ←             |
| 4523                    | 4532   | 4528                 | 2740           | 1.04                                       | 2730               |
| 4395                    | 4408   | 4402                 | 2790           | 1.07                                       | 2780               |
|                         |        |                      | <b>Minimum</b> |  | <u><u>2140</u></u> |

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.

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

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

# NEWFIELD



Attachment G-1  
Page 1 of 4

## DAILY COMPLETION REPORT

**WELL NAME:** Ashley State 5-2-9-15      **Report Date:** 6-18-05      **Day:** 2a  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 313'      **Prod Csg:** 5-1/2" @ 6134'      **Csg PBDT:** 6040' WL  
**Tbg:** **Size:** \_\_\_\_\_ **Wt:** \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBDT:** \_\_\_\_\_

### PERFORATION RECORD

| Zone       | Perfs            | SPF/#shots  | Zone | Perfs | SPF/#shots |
|------------|------------------|-------------|------|-------|------------|
|            |                  |             |      |       |            |
|            |                  |             |      |       |            |
|            |                  |             |      |       |            |
| <b>C</b>   | <b>4948- 63'</b> | <b>4/60</b> |      |       |            |
| <b>B.5</b> | <b>5046- 55'</b> | <b>4/36</b> |      |       |            |

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 17-Jun-05      **SITP:** \_\_\_\_\_ **SICP:** 29 psi

**Day 2a.**

RU BJ "Ram head". RU BJ Service. 29 psi on well. Frac B.5 & C sands w/ 90,637# of 20/40 (White) sand in 657 bbls of Lightning 17 fluid. Broke @ 1238 psi. Treated w/ ave pressure of 2112 psi @ ave rate of 24.8 BPM. ISIP 2160 psi. Pump 5 bbls of 15% HCL acid in flush for next stage. Leave pressure on well. Est 802  
 BWTR. **See Day 2b.**

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 145      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 657      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 802      **Cum oil recovered:** \_\_\_\_\_  
**IFL:** \_\_\_\_\_ **FFL:** \_\_\_\_\_ **FTP:** \_\_\_\_\_ **Choke:** \_\_\_\_\_ **Final Fluid Rate:** \_\_\_\_\_ **Final oil cut:** \_\_\_\_\_

### STIMULATION DETAIL

**Base Fluid used:** Lightning 17      **Job Type:** Sand frac  
**Company:** BJ Services

**Procedure or Equipment detail:** B.5 & C sands

\*\*PUMPED DOWN 5 1/2" 15.5# CASING\*\*

- 6800 gals of pad.
- 4625 gals W/ 1-5 ppg 20/40 (White) sand.
- 9250 gals W/ 5-8 ppg 20/40 (White) sand
- 1984 gals W/ 8 ppg 20/40 (White) sand
- 210 gals of 15% HCL
- Flush W/ 4712 gals of slick water

\*\*Flush called @ blender to include 2 bbls pump/line volume\*\*

**Max TP:** 2267      **Max Rate:** 25.3 BPM      **Total fluid pmpd:** 657 bbls  
**Avg TP:** 2112      **Avg Rate:** 24.8 BPM      **Total Prop pmpd:** 90,637#  
**ISIP:** 2160      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .87

**Completion Supervisor:** Orson Barney

### COSTS

|                        |          |
|------------------------|----------|
| Weatherford BOP        | \$33     |
| BJ Services (B.5,C)    | \$27,088 |
| Betts wtr & trucking   | \$1,248  |
| NPC fuel gas           | \$234    |
| Weatherford tools/serv | \$650    |
| NPC Supervisor         | \$75     |

**DAILY COST:** \$29,328  
**TOTAL WELL COST:** \$313,528

# NEWFIELD



page 2 of 4

## DAILY COMPLETION REPORT

**WELL NAME:** Ashley State 5-2-9-15      **Report Date:** 6-18-05      **Day:** 2b  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 313'      **Prod Csg:** 5-1/2" @ 6134'      **Csg PBD:** 6040' WL  
**Tbg:** Size: \_\_\_\_\_ **Wt:** \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBD:** 4905'

### PERFORATION RECORD

| Zone | Perfs       | SPF/#shots | Zone | Perfs | SPF/#shots |
|------|-------------|------------|------|-------|------------|
| D1   | 4786- 4800' | 4/56       |      |       |            |
| C    | 4948- 63'   | 4/60       |      |       |            |
| B.5  | 5046- 55'   | 4/36       |      |       |            |

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 17-Jun-05      **SITP:** \_\_\_\_\_ **SICP:** 1825 psi

**Day 2b.**

RU Black Warrior WLT, Crane & lubricator. RIH w/ Weatherford 5 1/2" flow through composite plug & 14' perf gun. Set plug @ 4905'. Perforated D1 sands: 4786- 4800'. All 4 SPF for a total of 56 holes. RU BJ Service. 1825 psi on well. Pressured up to 4200 psi. Would not break down. RU WL. Dump bail 8 gals of acid on D1 sands. RU BJ Services. Frac D1 sands w/ 60,825# of 20/40 (White) sand in 471 bbls of Lightning 17 fluid. Broke @ 2406 psi. Treated w/ ave pressure of 1912 psi @ ave rate of 24.7 BPM. ISIP 2150 psi. Pumped 5 bbls of 15% HCL acid in flush for next stage. Leave pressure on well. Est 1273 BWTR. **See Day 2c.**

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 802      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 471      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1273      **Cum oil recovered:** \_\_\_\_\_  
**IFL:** \_\_\_\_\_ **FFL:** \_\_\_\_\_ **FTP:** \_\_\_\_\_ **Choke:** \_\_\_\_\_ **Final Fluid Rate:** \_\_\_\_\_ **Final oil cut:** \_\_\_\_\_

### STIMULATION DETAIL

**Base Fluid used:** Lightning 17      **Job Type:** Sand frac  
**Company:** BJ Services  
**Procedure or Equipment detail:** D1 sands

\*\*PUMPED DOWN 5 1/2" 15.5# CASING\*\*

- 4600 gals of pad.
- 3000 gals W/ 1-5 ppg (White) 20/40 sand.
- 6000 gals W/ 5-8 ppg (White) 20/40 sand
- 1423 gals W/ 8 ppg (White) 20/40 sand
- 210 gals of 15% HCL
- Flush W/ 4536 gals of slick water

\*\*Flush called @ blender to include 2 bbls pump/line volume\*\*

**Max TP:** 2068      **Max Rate:** 25.2 BPM      **Total fluid pmpd:** 471 bbls  
**Avg TP:** 1912      **Avg Rate:** 24.7 BPM      **Total Prop pmpd:** 60,825#  
**ISIP:** 2150      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .88

**Completion Supervisor:** Orson Barney

### COSTS

|                         |                  |
|-------------------------|------------------|
| Weatherford BOP         | \$33             |
| BJ Services (D1)        | \$14,376         |
| Betts wtr & trucking    | \$832            |
| NPC fuel gas            | \$156            |
| Black Warrior (D1)      | \$4,560          |
| Weatherford tools/serv  | \$2,400          |
| NPC Supervisor          | \$75             |
|                         |                  |
|                         |                  |
|                         |                  |
|                         |                  |
| <b>DAILY COST:</b>      | <u>\$22,432</u>  |
| <b>TOTAL WELL COST:</b> | <u>\$335,960</u> |

# NEWFIELD



Page 3 of 4

## DAILY COMPLETION REPORT

**WELL NAME:** Ashley State 5-2-9-15      **Report Date:** 6-18-05      **Day:** 2c  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 313'      **Prod Csg:** 5-1/2" @ 6134'      **Csg PBTD:** 6040' WL  
**Tbg:** **Size:** \_\_\_\_\_ **Wt:** \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBTD:** 4630'  
4905'

### PERFORATION RECORD

| Zone        | Perfs              | SPF/#shots  | Zone  | Perfs | SPF/#shots |
|-------------|--------------------|-------------|-------|-------|------------|
| <u>PB10</u> | <u>4523- 32'</u>   | <u>4/36</u> | _____ | _____ | _____      |
| <u>D1</u>   | <u>4786- 4800'</u> | <u>4/56</u> | _____ | _____ | _____      |
| <u>C</u>    | <u>4948- 63'</u>   | <u>4/60</u> | _____ | _____ | _____      |
| <u>B.5</u>  | <u>5046- 55'</u>   | <u>4/36</u> | _____ | _____ | _____      |

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 17-Jun-05      **SITP:** \_\_\_\_\_ **SICP:** 1260 psi

**Day 2c.**

RU Black Warrior WLT, Crane & lubricator. RIH w/ Weatherford 5 1/2" flow through composite plug & 9' perf gun. Set plug @ 4630'. Perforated PB10 sands: 4523- 32'. All 4 SPF for a total of 36 holes. RU BJ Service. 1260 psi on well. Frac PB10 sands w/ 31,070# of 20/40 (White) sand in 302 bbls of Lightning 17 fluid. Broke @ 3942 psi. Treated w/ ave pressure of 2192 psi @ ave rate of 24.7 BPM. ISIP 2740 psi. Pumped 5 bbls of 15% HCL acid in flush for next stage. Leave pressure on well. Est 1575 BWTR. **See Day 2d.**

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 1273      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 302      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1575      **Cum oil recovered:** \_\_\_\_\_  
**IFL:** \_\_\_\_\_ **FFL:** \_\_\_\_\_ **FTP:** \_\_\_\_\_ **Choke:** \_\_\_\_\_ **Final Fluid Rate:** \_\_\_\_\_ **Final oil cut:** \_\_\_\_\_

### STIMULATION DETAIL

**Base Fluid used:** Lightning 17      **Job Type:** Sand frac  
**Company:** BJ Services  
**Procedure or Equipment detail:** PB10 sands

\*\*PUMPED DOWN 5 1/2" 15.5# CASING\*\*

- 2400 gals of pad.
- 1875 gals W/ 1-5 ppg (White) 20/40 sand.
- 3898 gals W/ 5-8 ppg (White) 20/40 sand
- 210 gals of 15% HCL
- Flush W/ 4284 gals of slick water

\*\*Flush called @ blender to include 2 bbls pump/line volume\*\*

**Max TP:** 2335      **Max Rate:** 25.1 BPM      **Total fluid pmpd:** 302 bbls  
**Avg TP:** 2192      **Avg Rate:** 24.7 BPM      **Total Prop pmpd:** 31,070#  
**ISIP:** 2740      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** 1.04  
**Completion Supervisor:** Orson Barney

### COSTS

|                                 |                |
|---------------------------------|----------------|
| <u>Weatherford BOP</u>          | <u>\$33</u>    |
| <u>BJ Services (PB10)</u>       | <u>\$9,702</u> |
| <u>Betts wtr &amp; trucking</u> | <u>\$416</u>   |
| <u>NPC fuel gas</u>             | <u>\$78</u>    |
| <u>Black Warrior (PB10)</u>     | <u>\$2,514</u> |
| <u>Weatherford tools/serv</u>   | <u>\$2,400</u> |
| <u>NPC Supervisor</u>           | <u>\$75</u>    |

**DAILY COST:** \$15,218  
**TOTAL WELL COST:** \$351,178

# NEWFIELD



## DAILY COMPLETION REPORT

**WELL NAME:** Ashley State 5-2-9-15      **Report Date:** 6-18-05      **Day:** 2d  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 313'      **Prod Csg:** 5-1/2" @ 6134'      **Csg PBD:** 6040' WL  
**Tbg:** Size: \_\_\_\_\_ **Wt:** \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBD:** 4460'  
4630', 4905'

### PERFORATION RECORD

| Zone        | Perfs              | SPF/#shots  | Zone  | Perfs | SPF/#shots |
|-------------|--------------------|-------------|-------|-------|------------|
| <u>PB 7</u> | <u>4395- 4408'</u> | <u>4/52</u> | _____ | _____ | _____      |
| <u>PB10</u> | <u>4523- 32'</u>   | <u>4/36</u> | _____ | _____ | _____      |
| <u>D1</u>   | <u>4786- 4800'</u> | <u>4/56</u> | _____ | _____ | _____      |
| <u>C</u>    | <u>4948- 63'</u>   | <u>4/60</u> | _____ | _____ | _____      |
| <u>B.5</u>  | <u>5046- 55'</u>   | <u>4/36</u> | _____ | _____ | _____      |

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 17-Jun-05      **SITP:** \_\_\_\_\_ **SICP:** 1860 psi

**Day 2d.**

RU Black Warrior WLT, Crane & lubricator. RIH w/ Weatherford 5 1/2" flow through composite plug & 13' perf gun. Set plug @ 4460'. Perforated PB 7 sands: 4395- 4408'. All 4 SPF for a total of 52 holes. RU BJ Service. 1860 psi on well. Frac PB 7 sands w/ 52,060# of 20/40 (White) sand in 412 bbls of Lightning 17 fluid. Broke @ 3576 psi. Treated w/ ave pressure of 2406 psi @ ave rate of 24.8 BPM. ISIP 2790 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 4 1/2 hrs & died. Rec 316 BTF (17% of total frac load). Est 1671 BWTR.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 1575      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 96      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1671      **Cum oil recovered:** \_\_\_\_\_  
**IFL:** \_\_\_\_\_ **FFL:** \_\_\_\_\_ **FTP:** \_\_\_\_\_ **Choke:** \_\_\_\_\_ **Final Fluid Rate:** \_\_\_\_\_ **Final oil cut:** \_\_\_\_\_

### STIMULATION DETAIL

**Base Fluid used:** Lightning 17      **Job Type:** Sand frac  
**Company:** BJ Services  
**Procedure or Equipment detail:** PB 7 sands

**\*\*PUMPED DOWN 5 1/2" 15.5# CASING\*\***

- 3800 gals of pad.
- 2625 gals W/ (White)1-5 ppg 20/40 sand.
- 5250 gals W/ (White)5-8 ppg 20/40 sand
- 1295 gals W/ (White)8 ppg 20/40 sand
- Flush W/ 4326 gals of slick water

### COSTS

|                                 |                |
|---------------------------------|----------------|
| <u>Weatherford BOP</u>          | <u>\$33</u>    |
| <u>BJ Services (PB 7)</u>       | <u>\$5,811</u> |
| <u>Betts wtr &amp; trucking</u> | <u>\$704</u>   |
| <u>NPC fuel gas</u>             | <u>\$132</u>   |
| <u>Black Warrior (PB7)</u>      | <u>\$3,630</u> |
| <u>Weatherford tools/serv</u>   | <u>\$2,290</u> |
| <u>NPC Supervisor</u>           | <u>\$75</u>    |
| <u>Betts wtr transfer</u>       | <u>\$400</u>   |
| <u>NPC trucking</u>             | <u>\$400</u>   |
| <u>NPC flowback hands</u>       | <u>\$350</u>   |

**Max TP:** 2613      **Max Rate:** 25.1 BPM      **Total fluid pmpd:** 412 bbls  
**Avg TP:** 2406      **Avg Rate:** 24.8 BPM      **Total Prop pmpd:** 52,060#  
**ISIP:** 2790      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** 1.07  
**Completion Supervisor:** Orson Barney

**DAILY COST:** \$13,825  
**TOTAL WELL COST:** \$365,003

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4300'.
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class G cement.
3. Plug #2 Set 200' plug from 2000'-2200' with 25 sx Class "G" cement.
4. RU and perforate 4 JSPF @ 363'.
5. Plug #3 Circulate 114 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 \$33,025.

# Ashley State 5-2-9-15

Spud Date: 05/17/05  
 Put on Production: 06/24/05  
 GL: 5985' KB: 5997'

Initial Production: 14 BOPD,  
 61 MCFD, 74 BWPD

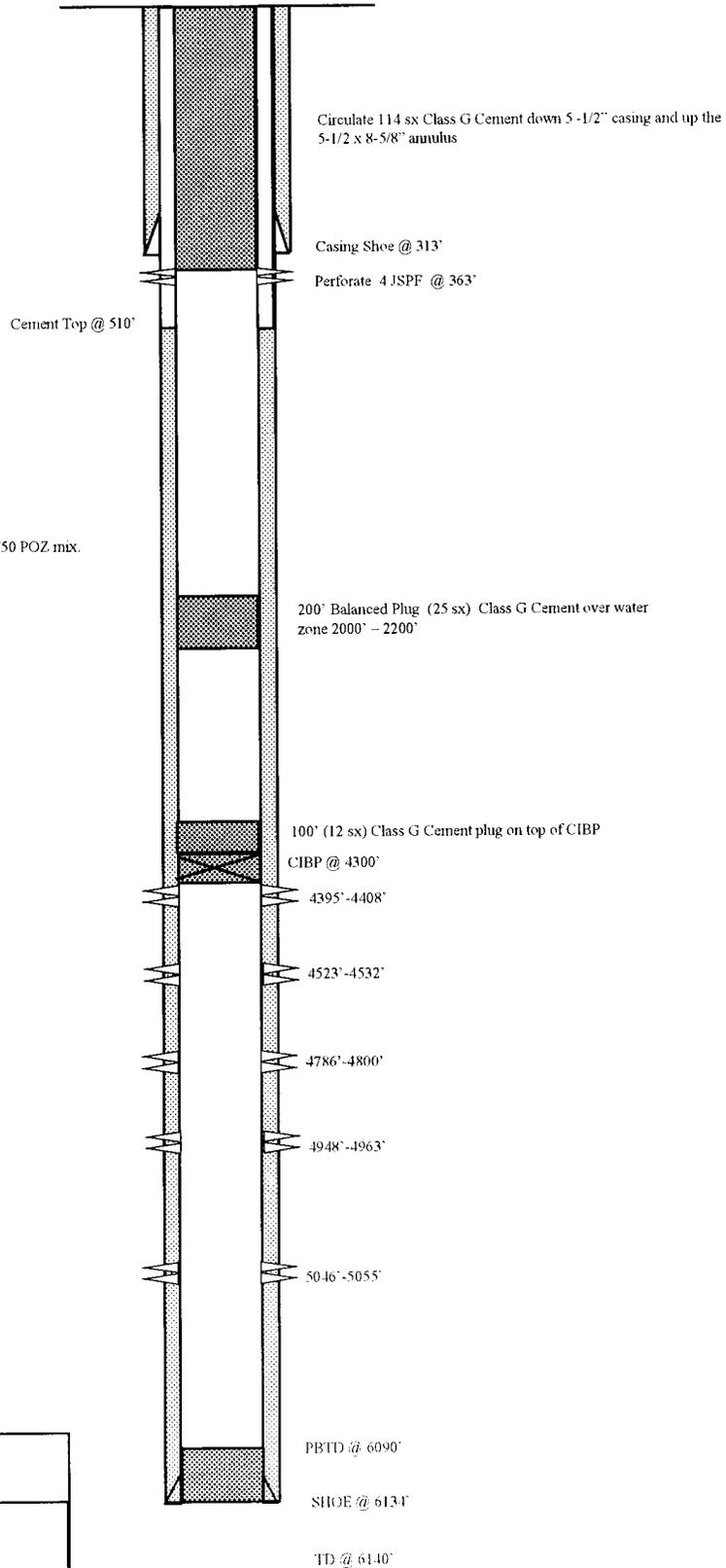
Proposed P & A  
 Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (303.27')  
 DEPTH LANDED: 313.27' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 160 sks Class G Mix.

**PRODUCTION CASING**

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 145 jts. (6136.19')  
 DEPTH LANDED: 6134.19' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 300 sks Prem. Lite II mixed & 400 sks 50/50 POZ. mix.  
 CEMENT TOP AT: 510'



|  |
|--|
|  |
| Ashley State 5-2-9-15<br>1997' FNL & 462' FWL<br>SW1/4 Section 2-T9S-R15E<br>Duchesne Co, Utah<br>API #43-013-32583; Lease #ML-43538 |

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
ML43538

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
ASHLEY PA A

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

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
ASHLEY STATE 5-2-9-15

2. NAME OF OPERATOR:  
Newfield Production Company

9. API NUMBER:  
4301332583

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: 1997 FNL 462 FWL

COUNTY: Duchesne

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SW/NW, 2, T9S, R15E

STATE: Utah

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

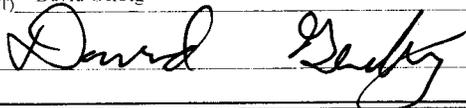
| TYPE OF SUBMISSION   | TYPE OF ACTION  |   |  |
|--|---|---|--|
|  |   | SubDate   |  |
| <input checked="" type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br><br>Approximate date work will<br>_____<br><br><input type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br><br>Date of Work Completion:<br>_____ | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
|  | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL      |
|  | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARITLY ABANDON          |
|  | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                 |
|  | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLAIR                 |
|  | <input 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 type="checkbox"/> OTHER: -                      |
|  | <input checked="" 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.  
Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well.

NAME (PLEASE PRINT) David Gerbig

TITLE Operations Engineer

SIGNATURE



DATE

2-8-06

(This space for State use only)

**RECEIVED**  
**FEB 08 2006**

DIV OF OIL, GAS & MINING

# UIC-329.1/AS 5-2-9-15





**NOTICE OF  
AGENCY  
ACTION  
CAUSE NO.  
UIC 329**

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

IN THE MATTER OF THE APPLICATION OF Newfield Production Company FOR ADMINISTRATIVE APPROVAL OF THE Ashley State 1-2-9-15, Ashley State 5-2-9-15, Ashley Federal 1-13-9-15, Ashley Federal 9-13-9-15, Ashley Federal 15-13-9-15 WELLS LOCATED IN SECTION 2 and 13, TOWNSHIP 9 SOUTH, RANGE 15 EAST, 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 Newfield Production Company for administrative approval of the Ashley State 1-2-9-15, Ashley State 5-2-9-15, Ashley Federal 1-13-9-15, Ashley Federal 9-13-9-15 and Ashley Federal 15-13-9-15 wells, located in Sections 2 and 13, Township 9 South, Range 15 East, Duchesne County, Utah, for conversion to a Class II injection well. The adjudicative proceeding will be conducted informally according to Utah Admin. Rule 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 based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the proposed application or otherwise intervene in the proceeding, must

file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for this proceeding is Gil Hunt, Associate Director at PO Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 8th day of February, 2006.

STATE OF UTAH  
DIVISION OF OIL,  
GAS & MINING  
Gil Hunt  
Associate Director  
Published in the Uintah  
Basin Standard February 14,  
2006.



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

May 11, 2006

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

Re: Ashley Unit Well: Ashley State 5-2-9-15, Section 2, Township 9 South,  
Range 15 East, Duchesne County, Utah

Gentlemen:

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

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Inland Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.

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

Sincerely,

Gil Hunt  
Associate Director

cc: Dan Jackson, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Newfield Production Company, Myton  
SITLA, Salt Lake City

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

**Applicant:** Newfield Production Company      **Well:** Ashley State 5-2-9-15

**Location:** 2/9S/15E      **API:** 43-013-32583

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

**Well Integrity:** The proposed well has surface casing set at 303 feet and has a cement top at the surface. A 5 ½ inch production casing is set at 6,134 feet. A cement bond log demonstrates adequate bond in this well up to 917 feet. A 2 7/8 inch tubing with a packer will be set at 4,360. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 6 producing wells in the area of review. All of the wells have evidence of 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 near the surface. Injection shall be limited to the interval between 3,990 feet and 6,119 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 5-2-9-15 well is .88 psi/ft. which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,140 psig. The requested maximum pressure is 2,140 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

**Ashley 5-2-9-15**  
**page 2**

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Ashley Unit August 25, 1998 . Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the State of Utah.

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

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

Reviewer(s): Brad Hill Date 05/11/2006

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
STATE ML-43538

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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.

7. UNIT or CA AGREEMENT NAME:  
ASHLEY PA A

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
ASHLEY 5-2-9-15

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301332583

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: 1997 FNL 462 FWL  
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNW, 2, T9S, R15E

COUNTY: DUCHESNE  
STATE: UT

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

| TYPE OF SUBMISSION   | TYPE OF ACTION  |   |   |
|--|---|---|---|
| <input type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br>Approximate date work will<br><br><br>                   | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION            |
|  | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL                 |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br>Date of Work Completion:<br>07/10/2006 | <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 checked="" 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: - Injection Conversion |
|  | <input checked="" 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.  
The subject well was converted from a producing oil well to an injection well on 7/10/06. On 8/1/06 Dennis Ingram with the State of Utah was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 8/1/06. On 8/1/06 the csg was pressured up to 1320 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 880 psig during the test. There was not a State representative available to witness the test. API #43-013-32583

NAME (PLEASE PRINT) Callie Duncan TITLE Production Clerk  
SIGNATURE *Callie Duncan* DATE 08/08/2006

(This space for State use only)

**RECEIVED**  
**AUG 09 2006**  
DIV. OF OIL, GAS & MINING







**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

**UNDERGROUND INJECTION CONTROL PERMIT**

**Cause No. UIC-329**

**Operator:** Newfield Production Company

**Well:** Ashley State 5-2-9-15

**Location:** Section 2, Township 9 South, Range 15 East

**County:** Duchesne

**API No.:** 43-013-32583

**Well Type:** Enhanced Recovery (waterflood)

**Stipulations of Permit Approval**

1. Approval for conversion to Injection Well issued on May 11, 2006.
2. Maximum Allowable Injection Pressure: 2,140 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation  
(3,990' - 6,119')

Approved by:

Gil Hunt  
Associate Director

8-10-06

Date

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
STATE ML-43538

**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:  
ASHLEY PA A

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
ASHLEY 5-2-9-15

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301332583

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: 1997 FNL 462 FWL COUNTY: DUCHESNE  
OTR/OTR SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW, 2, T9S, R15E STATE: UT

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

| TYPE OF SUBMISSION   | TYPE OF ACTION  |   |  |
|--|---|---|--|
| <input type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br><br>Approximate date work will<br>_____                      | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION             |
|  | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL                  |
|  | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARILY ABANDON                       |
|  | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                             |
|  | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLAIR                             |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br><br>Date of Work Completion:<br>08/22/2006 | <input type="checkbox"/> CHANGE WELL NAME               | <input type="checkbox"/> PLUG BACK                        | <input type="checkbox"/> WATER DISPOSAL                            |
|  | <input checked="" 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: - Put Well on Injection |
|  | <input checked="" 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.  
The above referenced well was put on injection at 2:00 p.m. on 8/22/06.

NAME (PLEASE PRINT) Maddie Crozier

TITLE Regulatory Specialist

SIGNATURE *Maddie Crozier*

DATE 08/24/2006

(This space for State use only)

RECEIVED

AUG 25 2006

DIV. OF OIL, GAS & MINING

| STATE OF UTAH<br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  |   | FORM 9   |
|---|---|--|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  |   | <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>ML-43538   |
| Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.  |   | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>   |
|   |   | <b>7. UNIT or CA AGREEMENT NAME:</b><br>GMBU (GRRV)  |
| <b>1. TYPE OF WELL</b><br>Water Injection Well  | <b>8. WELL NAME and NUMBER:</b><br>ASHLEY ST 5-2-9-15   |  |
| <b>2. NAME OF OPERATOR:</b><br>NEWFIELD PRODUCTION COMPANY  | <b>9. API NUMBER:</b><br>43013325830000   |  |
| <b>3. ADDRESS OF OPERATOR:</b><br>Rt 3 Box 3630 , Myton, UT, 84052  | <b>PHONE NUMBER:</b><br>435 646-4825 Ext  | <b>9. FIELD and POOL or WILDCAT:</b><br>MONUMENT BUTTE   |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>1997 FNL 0462 FWL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SWNW Section: 02 Township: 09.0S Range: 15.0E Meridian: S   | <b>COUNTY:</b><br>DUCHESNE  |  |
|   |   | <b>STATE:</b><br>UTAH  |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA   |   |  |
| <b>TYPE OF SUBMISSION</b>   | <b>TYPE OF ACTION</b>   |  |
| <input type="checkbox"/> NOTICE OF INTENT<br>Approximate date work will start:<br><br><input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>Date of Work Completion:<br>7/6/2011<br><br><input type="checkbox"/> SPUD REPORT<br>Date of Spud:<br><br><input type="checkbox"/> DRILLING REPORT<br>Report Date:  | <input type="checkbox"/> ACIDIZE<br><input type="checkbox"/> CHANGE TO PREVIOUS PLANS<br><input type="checkbox"/> CHANGE WELL STATUS<br><input type="checkbox"/> DEEPEN<br><input type="checkbox"/> OPERATOR CHANGE<br><input type="checkbox"/> PRODUCTION START OR RESUME<br><input type="checkbox"/> REPERFORATE CURRENT FORMATION<br><input type="checkbox"/> TUBING REPAIR<br><input type="checkbox"/> WATER SHUTOFF<br><input type="checkbox"/> WILDCAT WELL DETERMINATION<br><input type="checkbox"/> ALTER CASING<br><input type="checkbox"/> CHANGE TUBING<br><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS<br><input type="checkbox"/> FRACTURE TREAT<br><input type="checkbox"/> PLUG AND ABANDON<br><input type="checkbox"/> RECLAMATION OF WELL SITE<br><input type="checkbox"/> SIDETRACK TO REPAIR WELL<br><input type="checkbox"/> VENT OR FLARE<br><input type="checkbox"/> SI TA STATUS EXTENSION<br><input checked="" type="checkbox"/> OTHER |  |
|   |   | OTHER: <input type="text" value="5 YR MIT"/>   |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  |   |  |
| <p>On 07/01/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 07/06/2011 the casing was pressured up to 1200 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test . The tubing pressure was 1654 psig during the test. There was a State representative available to witness the test - Dennis Ingram.</p> |   |  |
|   |   | <p><b>Approved by the<br/>Utah Division of<br/>Oil, Gas and Mining</b></p> <p><b>Date:</b> <u>08/01/2011</u></p> <p><b>By:</b> </p> |
| <b>NAME (PLEASE PRINT)</b><br>Lucy Chavez-Naupoto   | <b>PHONE NUMBER</b><br>435 646-4874   | <b>TITLE</b><br>Water Services Technician  |
| <b>SIGNATURE</b><br>N/A   | <b>DATE</b><br>7/8/2011   |  |

# Mechanical Integrity Test Casing or Annulus Pressure Test

**Newfield Production Company**

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

Witness: Dennis Ingram Date: 7/6/11 Time: 12:00 am  pm  
 Test Conducted by: JARED ROBINSON  
 Others Present: RICKY CURRY

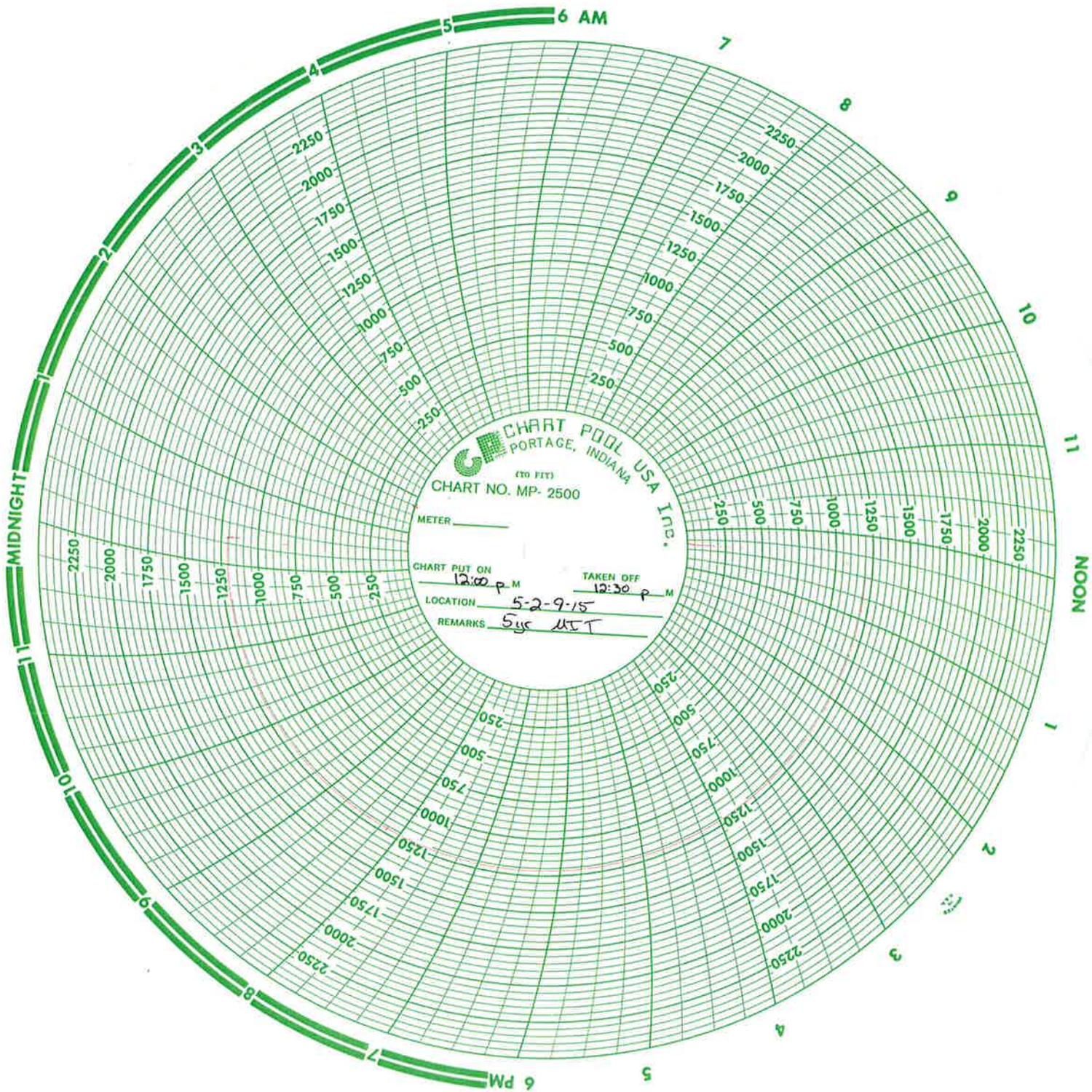
**Well:** ASHLEY STATE 5-2-9-15      **Field:** MONUMENT BUTTE  
**Well Location:** SW/NW SEC 2., T9S, R15E      **API No:** 43-013-32583  
 DUCHESNE COUNTY, UTAH

| Time   | Casing Pressure |      |
|--------|-----------------|------|
| 0 min  | <u>1200</u>     | psig |
| 5      | <u>1200</u>     | psig |
| 10     | <u>1200</u>     | psig |
| 15     | <u>1200</u>     | psig |
| 20     | <u>1200</u>     | psig |
| 25     | <u>1200</u>     | psig |
| 30 min | <u>1200</u>     | psig |
| 35     |                 | psig |
| 40     |                 | psig |
| 45     |                 | psig |
| 50     |                 | psig |
| 55     |                 | psig |
| 60 min |                 | psig |

Tubing pressure: 1654 psig

Result:  **Pass**       **Fail**

Signature of Witness:   
 Signature of Person Conducting Test: 





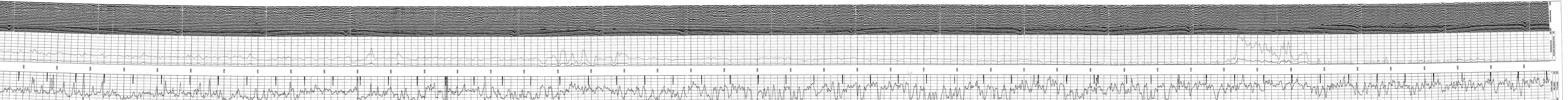
Cement Bond  
Gamma Ray  
Log

Company: Newfield Production  
Well: Ashley State 5-2-9-15  
Field: Monument Butte  
County: Duchesne State: UT

Location: SW 1/4 NE 1/4 Sec 2, T19P 25, R10E 15E  
APN #: 43-013-32583

Permanent Datum: Kelly Bushing 12' above ground level  
Log Measured From: Kelly Bushing  
Depth: 5985'  
D.F.: 5985'  
G.L.: 5985'

Run Number: 2132  
Date: JUN 23 2005  
Operator: [Signature]  
Checked by: [Signature]



| Depth (ft) | GR (API) | GR (SI) | GR (SI) (used) |
|------------|----------|---------|----------------|
| 0          | 13.1     | 1.64    | 1.64           |
| 100        | 13.1     | 1.64    | 1.64           |
| 200        | 13.1     | 1.64    | 1.64           |
| 300        | 13.1     | 1.64    | 1.64           |
| 400        | 13.1     | 1.64    | 1.64           |
| 500        | 13.1     | 1.64    | 1.64           |
| 600        | 13.1     | 1.64    | 1.64           |
| 700        | 13.1     | 1.64    | 1.64           |
| 800        | 13.1     | 1.64    | 1.64           |
| 900        | 13.1     | 1.64    | 1.64           |
| 1000       | 13.1     | 1.64    | 1.64           |
| 1100       | 13.1     | 1.64    | 1.64           |
| 1200       | 13.1     | 1.64    | 1.64           |
| 1300       | 13.1     | 1.64    | 1.64           |
| 1400       | 13.1     | 1.64    | 1.64           |
| 1500       | 13.1     | 1.64    | 1.64           |
| 1600       | 13.1     | 1.64    | 1.64           |
| 1700       | 13.1     | 1.64    | 1.64           |
| 1800       | 13.1     | 1.64    | 1.64           |
| 1900       | 13.1     | 1.64    | 1.64           |
| 2000       | 13.1     | 1.64    | 1.64           |
| 2100       | 13.1     | 1.64    | 1.64           |
| 2200       | 13.1     | 1.64    | 1.64           |
| 2300       | 13.1     | 1.64    | 1.64           |
| 2400       | 13.1     | 1.64    | 1.64           |
| 2500       | 13.1     | 1.64    | 1.64           |
| 2600       | 13.1     | 1.64    | 1.64           |
| 2700       | 13.1     | 1.64    | 1.64           |
| 2800       | 13.1     | 1.64    | 1.64           |
| 2900       | 13.1     | 1.64    | 1.64           |
| 3000       | 13.1     | 1.64    | 1.64           |
| 3100       | 13.1     | 1.64    | 1.64           |
| 3200       | 13.1     | 1.64    | 1.64           |
| 3300       | 13.1     | 1.64    | 1.64           |
| 3400       | 13.1     | 1.64    | 1.64           |
| 3500       | 13.1     | 1.64    | 1.64           |
| 3600       | 13.1     | 1.64    | 1.64           |
| 3700       | 13.1     | 1.64    | 1.64           |
| 3800       | 13.1     | 1.64    | 1.64           |
| 3900       | 13.1     | 1.64    | 1.64           |
| 4000       | 13.1     | 1.64    | 1.64           |
| 4100       | 13.1     | 1.64    | 1.64           |
| 4200       | 13.1     | 1.64    | 1.64           |
| 4300       | 13.1     | 1.64    | 1.64           |
| 4400       | 13.1     | 1.64    | 1.64           |
| 4500       | 13.1     | 1.64    | 1.64           |
| 4600       | 13.1     | 1.64    | 1.64           |
| 4700       | 13.1     | 1.64    | 1.64           |
| 4800       | 13.1     | 1.64    | 1.64           |
| 4900       | 13.1     | 1.64    | 1.64           |
| 5000       | 13.1     | 1.64    | 1.64           |

**NEWFIELD**



**Schematic**

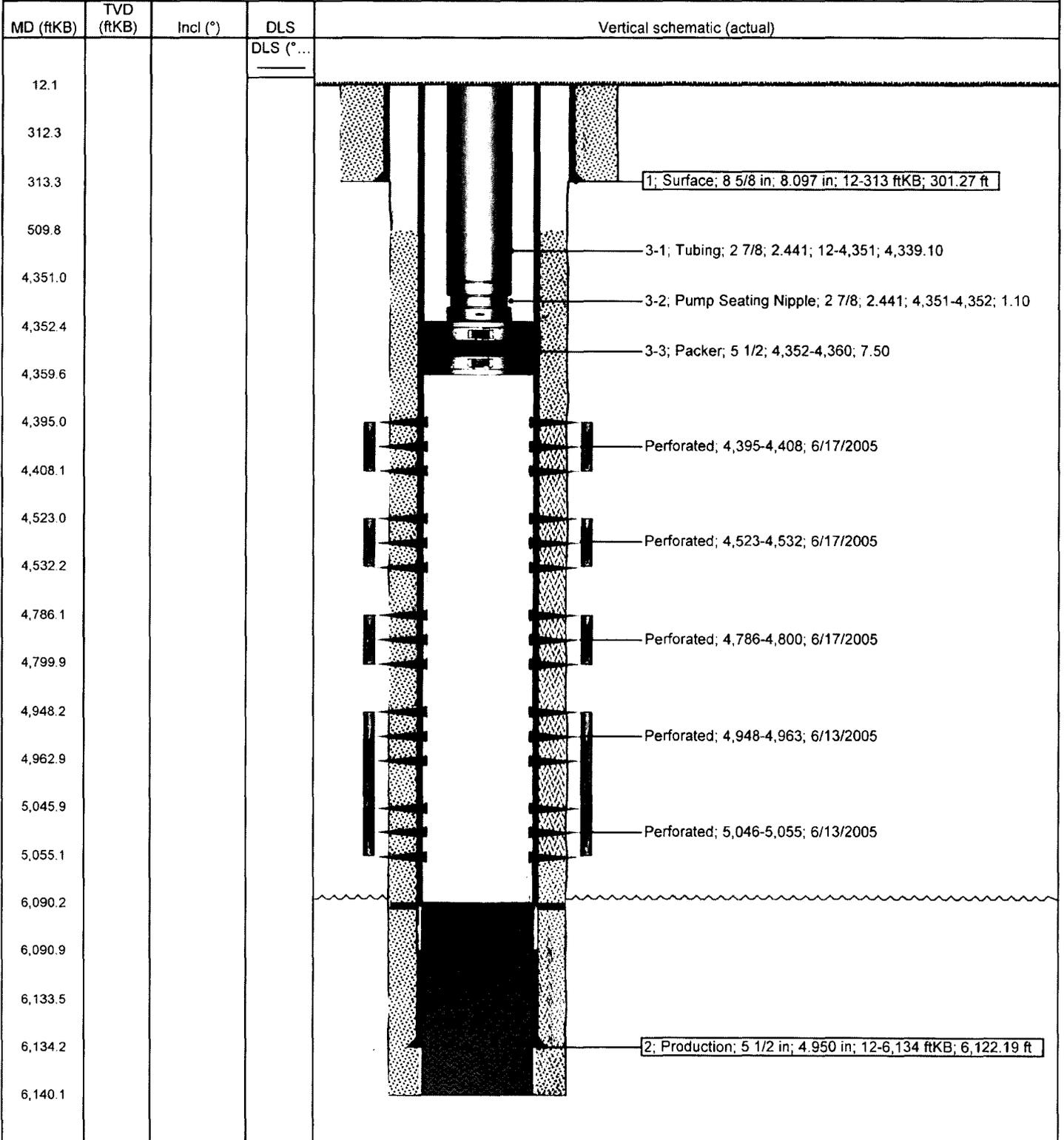
43-013-32583

**Well Name: Ashley 5-2-9-15**

|                                     |                               |                                 |                                     |                                |                              |  |                    |
|-------------------------------------|-------------------------------|---------------------------------|-------------------------------------|--------------------------------|------------------------------|--|--------------------|
| Surface Legal Location<br>02-9S-15E |                               | API/UWI<br>43013325830000       | Well RC<br>500151745                | Lease                          | State/Province<br>Utah       | Field Name<br>GMBU CTB2                      | County<br>Duchesne |
| Spud Date<br>5/17/2005              | Rig Release Date<br>5/29/2005 | On Production Date<br>6/24/2005 | Original KB Elevation (ft)<br>5,997 | Ground Elevation (ft)<br>5,985 | Total Depth All (TVD) (ftKB) | PBTD (All) (ftKB)<br>Original Hole - 6,090.3 |                    |

|                         |                           |                           |                            |                          |  |
|-------------------------|---------------------------|---------------------------|----------------------------|--------------------------|--|
| <b>Most Recent Job</b>  |                           |                           |                            |                          |  |
| Job Category<br>Testing | Primary Job Type<br>Other | Secondary Job Type<br>N/A | Job Start Date<br>7/6/2011 | Job End Date<br>7/6/2011 |  |

**TD: 6,140.0** Vertical - Original Hole, 3/29/2016 10:35:31 AM





## Newfield Wellbore Diagram Data Ashley 5-2-9-15

|                                     |  |                                |  |  |  |
|-------------------------------------|--|--------------------------------|--|--|--|
| Surface Legal Location<br>02-9S-15E |  | API/UWI<br>43013325830000      |  | Lease  |  |
| County<br>Duchesne                  |  | State/Province<br>Utah         |  | Basin  |  |
| Well Start Date<br>5/17/2005        |  | Spud Date<br>5/17/2005         |  | Field Name<br>GMBU CTB2                      |  |
| Original KB Elevation (ft)<br>5,997 |  | Ground Elevation (ft)<br>5,985 |  | Final Rig Release Date<br>5/29/2005          |  |
| Total Depth (ftKB)<br>6,140.0       |  | Total Depth All (TVD) (ftKB)   |  | On Production Date<br>6/24/2005              |  |
|                                     |  |                                |  | PBTD (All) (ftKB)<br>Original Hole - 6,090.3 |  |

### Casing Strings

| Csg Des    | Run Date  | OD (in) | ID (in) | Wt/Len (lb/ft) | Grade | Set Depth (ftKB) |
|------------|-----------|---------|---------|----------------|-------|------------------|
| Surface    | 5/18/2005 | 8 5/8   | 8.097   | 24.00          | J-55  | 313              |
| Production | 5/29/2005 | 5 1/2   | 4.950   | 15.50          | J-55  | 6,134            |

### Cement

#### String: Surface, 313ftKB 5/19/2005

|   |  |                          |                              |              |                              |
|---|--|--------------------------|------------------------------|--------------|------------------------------|
| Cementing Company<br>BJ Services Company            |  | Top Depth (ftKB)<br>12.0 | Bottom Depth (ftKB)<br>313.3 | Full Return? | Vol Cement Ret (bb)          |
| Fluid Description<br>2% CaCL2 + 1/4#/sk Cello-Flake |  | Fluid Type<br>Lead       | Amount (sacks)<br>160        | Class<br>G   | Estimated Top (ftKB)<br>12.0 |

#### String: Production, 6,134ftKB 5/29/2005

|  |  |                           |                                |                     |                                 |
|--|--|---------------------------|--------------------------------|---------------------|---------------------------------|
| Cementing Company<br>BJ Services Company   |  | Top Depth (ftKB)<br>510.0 | Bottom Depth (ftKB)<br>6,140.0 | Full Return?        | Vol Cement Ret (bb)             |
| Fluid Description<br>10% gel + 3% KCL, 3#s/sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake |  | Fluid Type<br>Lead        | Amount (sacks)<br>300          | Class<br>Premite II | Estimated Top (ftKB)<br>510.0   |
| Fluid Description<br>2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM                 |  | Fluid Type<br>Tail        | Amount (sacks)<br>400          | Class<br>50/50 POZ  | Estimated Top (ftKB)<br>3,325.0 |

### Tubing Strings

| Tubing Description<br>Tubing |     | Run Date<br>7/10/2006 |         |            | Set Depth (ftKB)<br>4,359.7 |          |            |            |
|------------------------------|-----|-----------------------|---------|------------|-----------------------------|----------|------------|------------|
| Item Des                     | Jts | OD (in)               | ID (in) | Wt (lb/ft) | Grade                       | Len (ft) | Top (ftKB) | Blm (ftKB) |
| Tubing                       | 134 | 2 7/8                 | 2.441   | 6.50       | J-55                        | 4,339.10 | 12.0       | 4,351.1    |
| Pump Seating Nipple          |     | 2 7/8                 | 2.441   |            |                             | 1.10     | 4,351.1    | 4,352.2    |
| Packer                       |     | 5 1/2                 |         |            |                             | 7.50     | 4,352.2    | 4,359.7    |

### Rod Strings

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

### Perforation Intervals

| Stage# | Zone                | Top (ftKB) | Blm (ftKB) | Shot Dens (shots/ft) | Phasing (") | Nom Hole Dia (in) | Date      |
|--------|---------------------|------------|------------|----------------------|-------------|-------------------|-----------|
| 4      | PB7, Original Hole  | 4,395      | 4,408      | 4                    |             |                   | 6/17/2005 |
| 3      | PB10, Original Hole | 4,523      | 4,532      | 4                    |             |                   | 6/17/2005 |
| 2      | D1, Original Hole   | 4,786      | 4,800      | 4                    |             |                   | 6/17/2005 |
| 1      | C, Original Hole    | 4,948      | 4,963      | 4                    |             |                   | 6/13/2005 |
| 1      | B .5, Original Hole | 5,046      | 5,055      | 4                    |             |                   | 6/13/2005 |

### Stimulations & Treatments

| Stage# | ISIP (psi) | Frac Gradient (psi/ft) | Max Rate (bbl/min) | Max PSI (psi) | Total Clean Vol (bbl) | Total Slurry Vol (bbl) | Vol Recov (bbl) |
|--------|------------|------------------------|--------------------|---------------|-----------------------|------------------------|-----------------|
| 1      | 2,160      | 0.87                   | 25.3               | 2,267         |                       |                        |                 |
| 2      | 2,150      | 0.88                   | 25.2               | 2,068         |                       |                        |                 |
| 3      | 2,740      | 1.04                   | 25.1               | 2,335         |                       |                        |                 |
| 4      | 2,790      | 1.07                   | 25.1               | 2,613         |                       |                        |                 |

### Proppant

| Stage# | Total Prop Vol Pumped (lb) | Total Add Amount             |
|--------|----------------------------|------------------------------|
| 1      |                            | Proppant White Sand 90637 lb |
| 2      |                            | Proppant White Sand 60825 lb |
| 3      |                            | Proppant White Sand 31070 lb |
| 4      |                            | Proppant White Sand 52060 lb |

|  |   |
|--|---|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  | FORM 9<br><br><b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b><br>ML-43538   |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b><br><br><b>7.UNIT or CA AGREEMENT NAME:</b><br>GMBU (GRRV)                |
| <b>1. TYPE OF WELL</b><br>Water Injection Well   | <b>8. WELL NAME and NUMBER:</b><br>ASHLEY ST 5-2-9-15   |
| <b>2. NAME OF OPERATOR:</b><br>NEWFIELD PRODUCTION COMPANY   | <b>9. API NUMBER:</b><br>43013325830000   |
| <b>3. ADDRESS OF OPERATOR:</b><br>Rt 3 Box 3630 , Myton, UT, 84052   | <b>PHONE NUMBER:</b><br>435 646-4825 Ext  |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>1997 FNL 0462 FWL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SWNW Section: 02 Township: 09.0S Range: 15.0E Meridian: S  | <b>9. FIELD and POOL or WILDCAT:</b><br>MONUMENT BUTTE<br><br><b>COUNTY:</b><br>DUCHESNE<br><br><b>STATE:</b><br>UTAH |

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

| TYPE OF SUBMISSION  | TYPE OF ACTION   |   |   |
|---|--|---|---|
| <input type="checkbox"/> NOTICE OF INTENT<br>Approximate date work will start:                | <input type="checkbox"/> ACIDIZE                       | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> CASING REPAIR                            |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>Date of Work Completion:<br>6/2/2016 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS      | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> CHANGE WELL NAME                         |
| <input type="checkbox"/> SPUD REPORT<br>Date of Spud:   | <input type="checkbox"/> CHANGE WELL STATUS            | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE                        |
| <input type="checkbox"/> DRILLING REPORT<br>Report Date:                                      | <input type="checkbox"/> DEEPEN                        | <input type="checkbox"/> FRACTURE TREAT                 | <input type="checkbox"/> NEW CONSTRUCTION                         |
|   | <input type="checkbox"/> OPERATOR CHANGE               | <input type="checkbox"/> PLUG AND ABANDON               | <input type="checkbox"/> PLUG BACK                                |
|   | <input type="checkbox"/> PRODUCTION START OR RESUME    | <input type="checkbox"/> RECLAMATION OF WELL SITE       | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION           |
|   | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL       | <input type="checkbox"/> TEMPORARY ABANDON                        |
|   | <input type="checkbox"/> TUBING REPAIR                 | <input type="checkbox"/> VENT OR FLARE                  | <input type="checkbox"/> WATER DISPOSAL                           |
|   | <input type="checkbox"/> WATER SHUTOFF                 | <input type="checkbox"/> SI TA STATUS EXTENSION         | <input type="checkbox"/> APD EXTENSION                            |
|   | <input type="checkbox"/> WILDCAT WELL DETERMINATION    | <input checked="" type="checkbox"/> OTHER               | OTHER: <input style="width: 50px;" type="text" value="5 YR MIT"/> |

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

On 05/31/2016 Amy Doebele with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 06/02/2016 the casing was pressured up to 1525 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1284 psig during the test. There was a State representative available to witness the test - Amy Doebele.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 June 07, 2016

|   |                                     |   |
|---|-------------------------------------|---|
| <b>NAME (PLEASE PRINT)</b><br>Lucy Chavez-Naupoto | <b>PHONE NUMBER</b><br>435 646-4874 | <b>TITLE</b><br>Water Services Technician |
| <b>SIGNATURE</b><br>N/A                           | <b>DATE</b><br>6/6/2016             |   |

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: \_\_\_\_\_ Date 6/21/16 Time 8:30 am pm

Test Conducted by: Troy Lazenby

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

|  |                       |
|--|-----------------------|
| Well: Ashley 5-2-9-15  | Field: Monument Butte |
| Well Location: SW/4W sec. 2, T9S, R16E<br>Duchesne County, UT. | API No: 43-013-32583  |

| <u>Time</u> | <u>Casing Pressure</u> |      |
|-------------|------------------------|------|
| 0 min       | <u>1525</u>            | psig |
| 5           | <u>1525</u>            | psig |
| 10          | <u>1525</u>            | psig |
| 15          | _____                  | psig |
| 20          | _____                  | psig |
| 25          | _____                  | psig |
| 30 min      | _____                  | psig |
| 35          | _____                  | psig |
| 40          | _____                  | psig |
| 45          | _____                  | psig |
| 50          | _____                  | psig |
| 55          | _____                  | psig |
| 60 min      | _____                  | psig |

Tubing pressure: 1284 psig

Result: Pass Fail

Signature of Witness: *Amy Dubel*

Signature of Person Conducting Test: *Troy Lazenby*

