

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO. UTU-73087 U-77338
6. IF INDIAN, ALOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME South Wells Draw
9. WELL NO. #4-3-9-16
10. FIELD AND POOL OR WILDCAT Monument Butte
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3, T9S, R16E
12. County Duchesne
13. STATE UT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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

2. NAME OF OPERATOR Inland Production Company
3. ADDRESS OF OPERATOR P.O. Box 790233 Vernal, UT 84079 Phone: (435) 789-1866

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*) At Surface NW/NW At proposed Prod. Zone 789' FNL & 754' FWL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\* 11.6 Miles southwest of Myton, UT

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 754'
16. NO. OF ACRES IN LEASE 640.84
17. NO. OF ACRES ASSIGNED TO THIS WELL 40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.
19. PROPOSED DEPTH 6500'
20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5653.6' GR
22. APPROX. DATE WORK WILL START\* 4th Quarter 1998

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

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

RECEIVED JUL 30 1998

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

24. SIGNED Cheryl Cameron TITLE Regulatory Specialist DATE 7/27/98

NOTICE OF APPROVAL

PERMIT NO. APPROVAL DATE Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY: APPROVED BY [Signature] TITLE Assistant Field Manager Mineral Resources DATE 11/5/98

\*See Instructions On Reverse Side

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

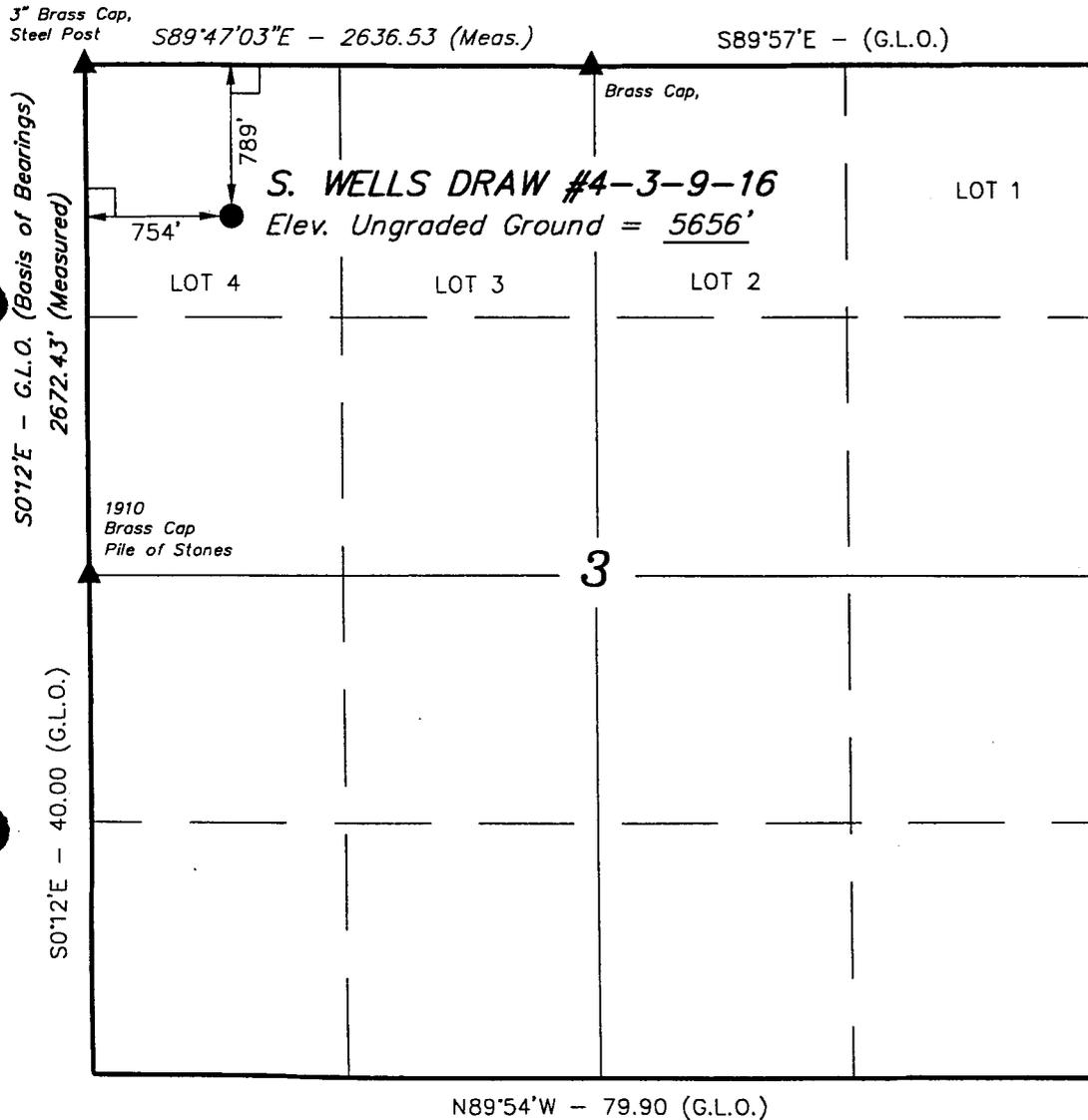
CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

715A

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

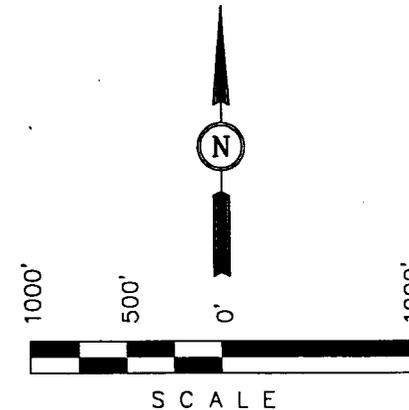
## INLAND PRODUCTION CO.

Well location, S. WELLS DRAW #4-3-9-16, located as shown in the NW 1/4 NW 1/4 of Section 3, T9S, R16E, S.L.B.&M., Duchesne County, Utah.



### BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 3, T9S, R16E, S.L.B.&M. TAKEN FROM THE MYTON SW QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5677 FEET.



### CERTIFICATE

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

*Edna L. Cox*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

REVISED: 7-17-98 D.COX

<b>UTAH ENGINEERING &amp; LAND SURVEYING</b> 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 9-25-97	DATE DRAWN: 9-26-97
PARTY B.B. D.R. D.COX		REFERENCES G.L.O. PLAT
WEATHER WARM		FILE INLAND PRODUCTION CO.

### LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

INLAND PRODUCTION COMPANY  
S. WELLS DRAW #4-3-9-16  
NW/NW SECTION 3, T9S, R16E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 1740'
Green River	1740'
Wasatch	6500'

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

Green River Formation 1740' – 6500' - Oil

4. PROPOSED CASING PROGRAM

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

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H2S will be encountered in this area.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**INLAND PRODUCTION COMPANY  
S. WELLS DRAW #4-3-9-16  
NW/NW SECTION 3, T9S, R16E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

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

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Inland Production Company well location site S. Wells Draw # 4-3-9-16 located in the NW 1/4 NW 1/4 Section 3, T9S, R16E, S.L.B. 7 M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southerly along this road 6.3 miles  $\pm$  to its junction with a dirt road to the southwest; proceed southwesterly 3.8 miles to its junction with a dirt road to the south; proceed southerly 0.5 miles to the beginning of the proposed access road.

**2. PLANNED ACCESS ROAD**

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

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "D".

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

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

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

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

**6. SOURCE OF CONSTRUCTION MATERIALS**

Please refer to the Monument Butte Field SOP.

**7. METHODS FOR HANDLING WASTE DISPOSAL**

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

**8. ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

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

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION *Archaeological Survey & Pipeline ROW*

The Archaeological Cultural Resource Survey Report is attached.

The pipeline ROW has been granted to the S. Wells Draw #4-3-9-16 for a 3"- 4" poly fuel gas line, and a 4"-6" poly gas gatherline line. Inland requests that a 30' width for the ROW and an additional 30' width for working surface as necessary. Refer to the Proposed Road & Pipeline System, Topographic Map "1".

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

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

Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #4-3-9-16 NW/NW Section 3, Township 9S, Range 16E: Lease UTU-73087 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

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

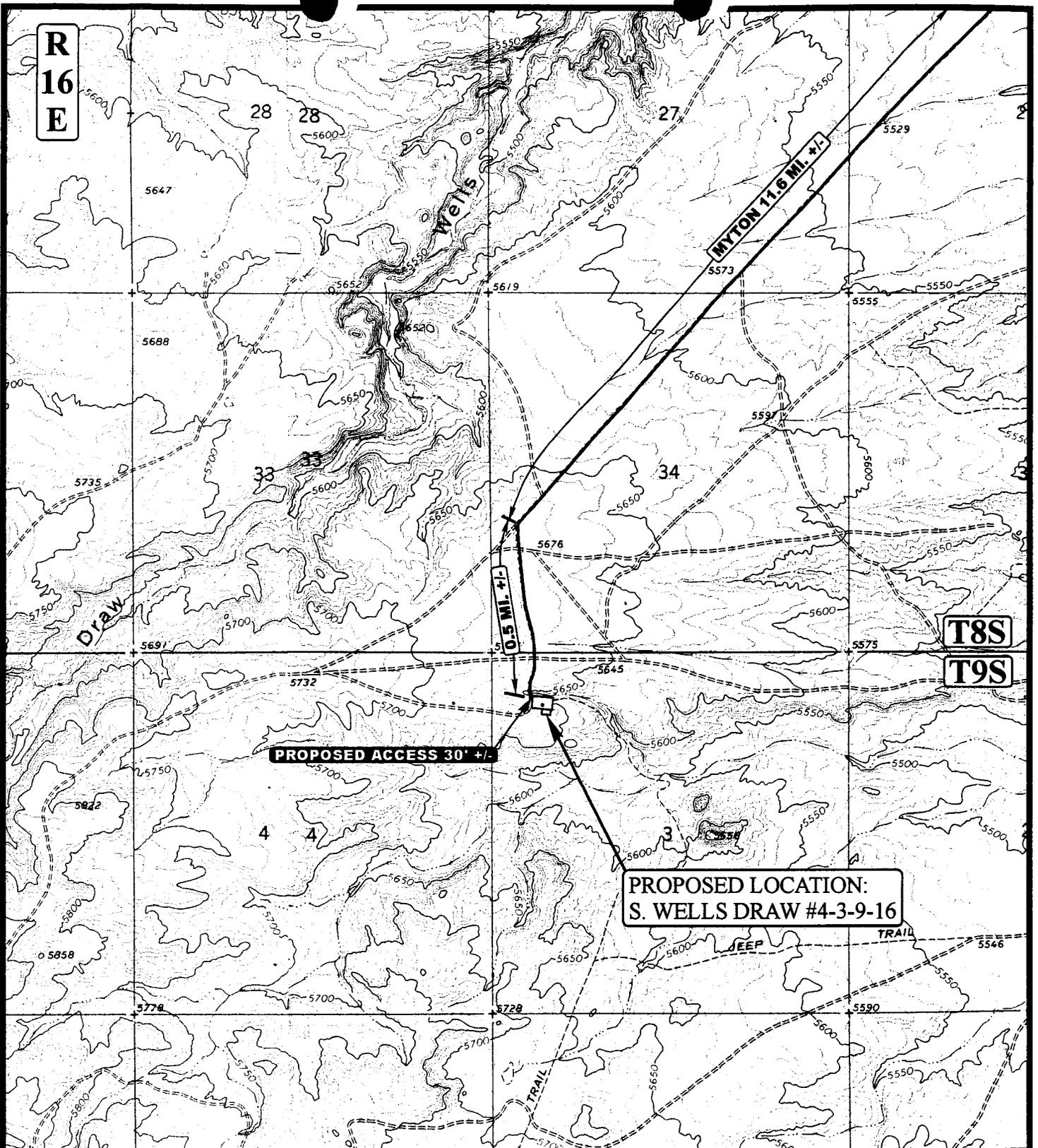
7/27/98

Date



Cheryl Cameron  
Regulatory Specialist





**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING ROAD



**INLAND PRODUCTION CO.**

**S. WELLS DRAW #4-3-9-16**  
**SECTION 3, T9S, R16E, S.L.B.&M.**  
**789' FNL 754' FWL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (801) 789-1017 \* FAX (801) 789-1813  
 Email: uels@easilink.com

**TOPOGRAPHIC** **10 3 97**  
**MAP** MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: C.G. REVISED: 7-20-98





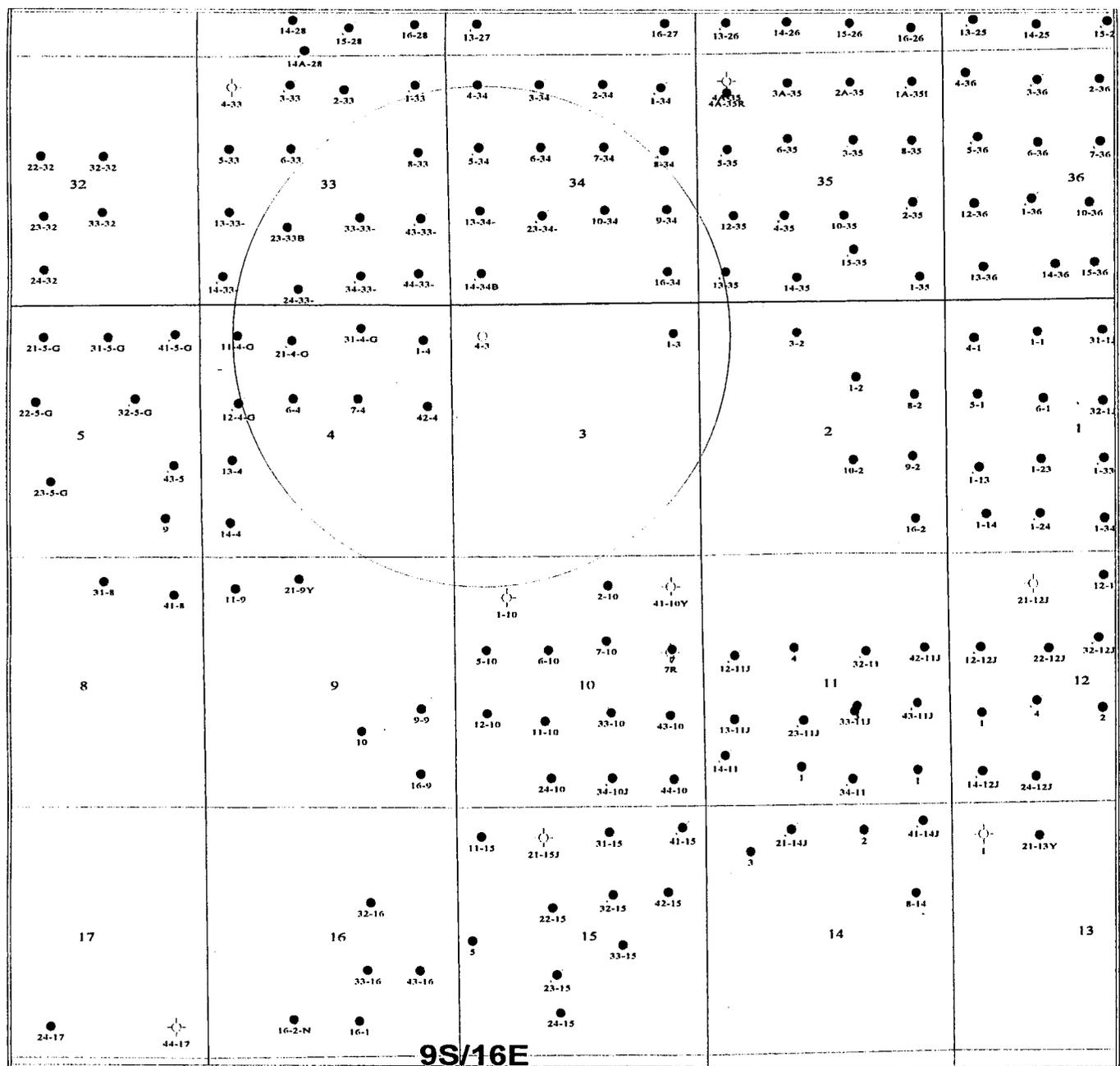


EXHIBIT "D"

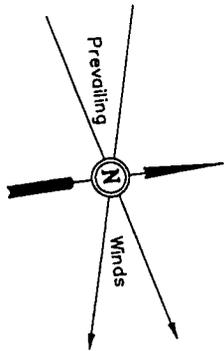
INLAND PRODUCTION COMPANY		
ONE MILE RADIUS SWD #4-3		
Josh Axelson	Scale 1:800(4:37)	7/23/98

INLAND PRODUCTION CO.

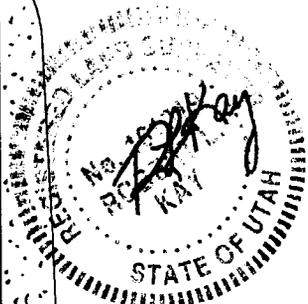
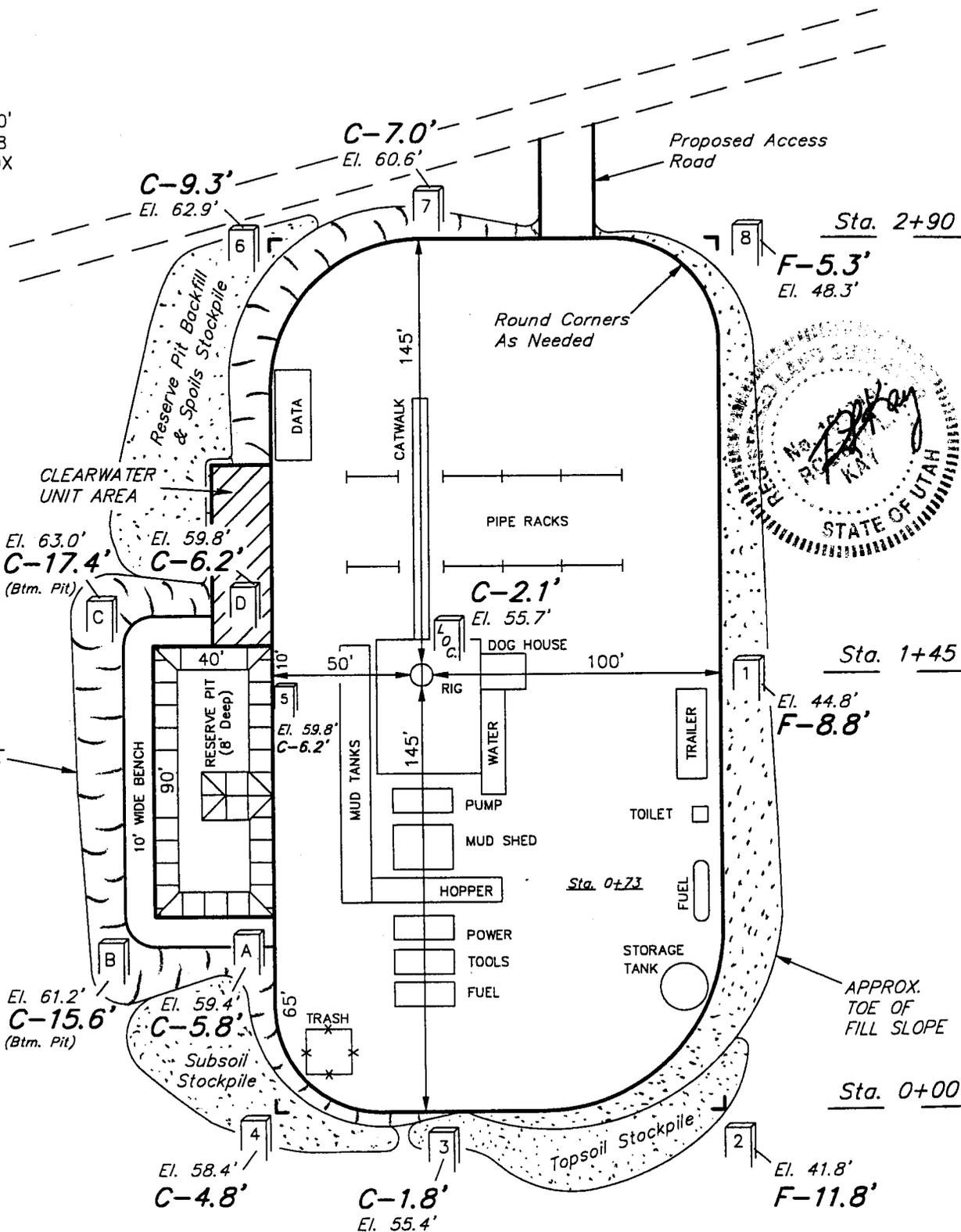
LOCATION LAYOUT FOR

S. WELLS DRAW #4-3-9-16  
SECTION 3, T9S, R16E, S.L.B.&M.

789' FNL 754' FWL



SCALE: 1" = 50'  
Date: 7-20-98  
Drawn By: D.COX



Elev. Ungraded Ground at Location Stake = 5655.7'  
Elev. Graded Ground at Location Stake = 5653.6'

**INLAND PRODUCTION CO.**

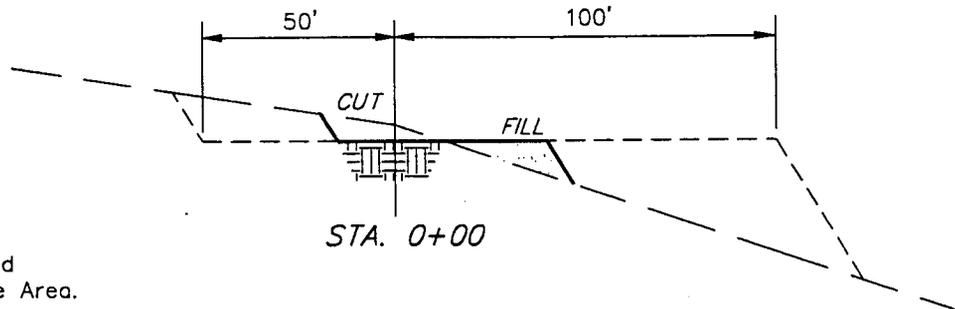
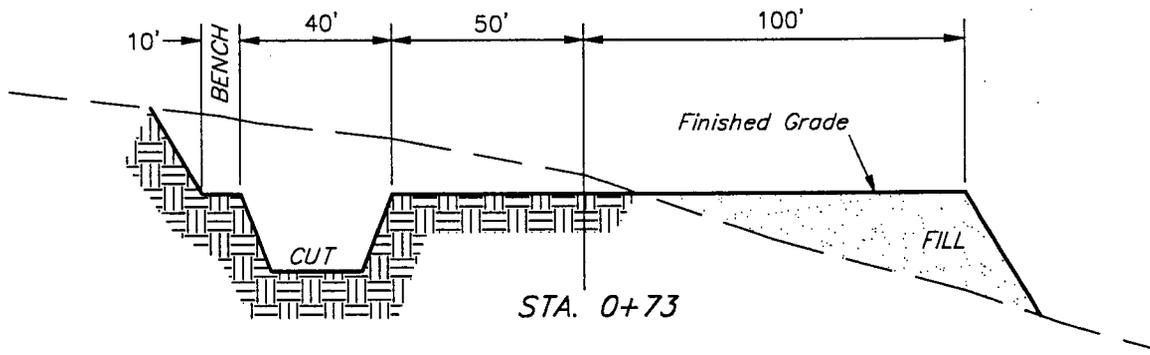
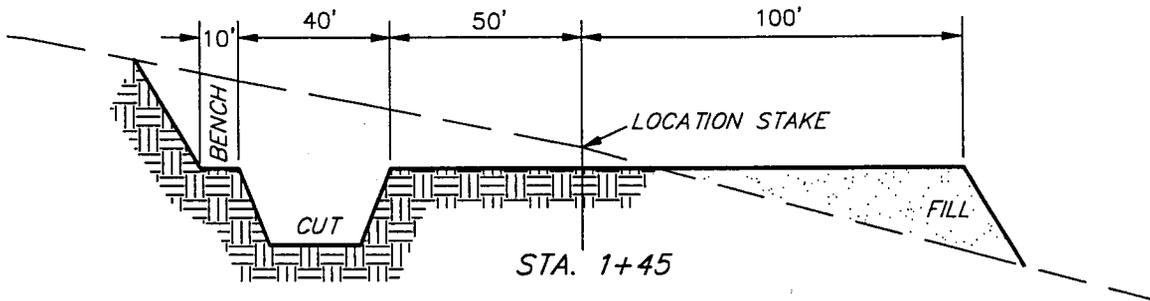
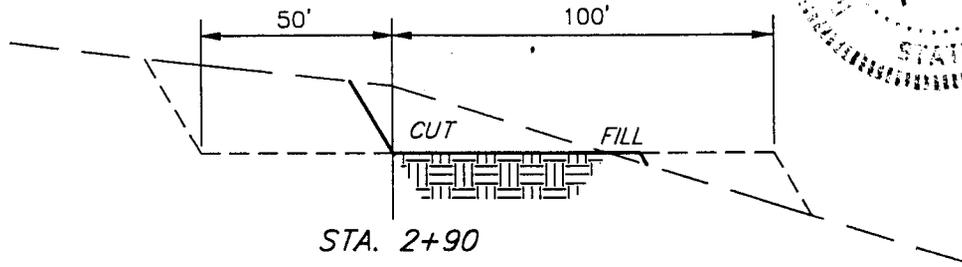
**TYPICAL CROSS SECTIONS FOR**

S. WELLS DRAW #4-3-9-16  
SECTION 3, T9S, R16E, S.L.B.&M.  
789' FNL 754' FWL



1" = 20'  
X-Section Scale  
1" = 50'

Date: 7-20-98  
Drawn By: D.COX



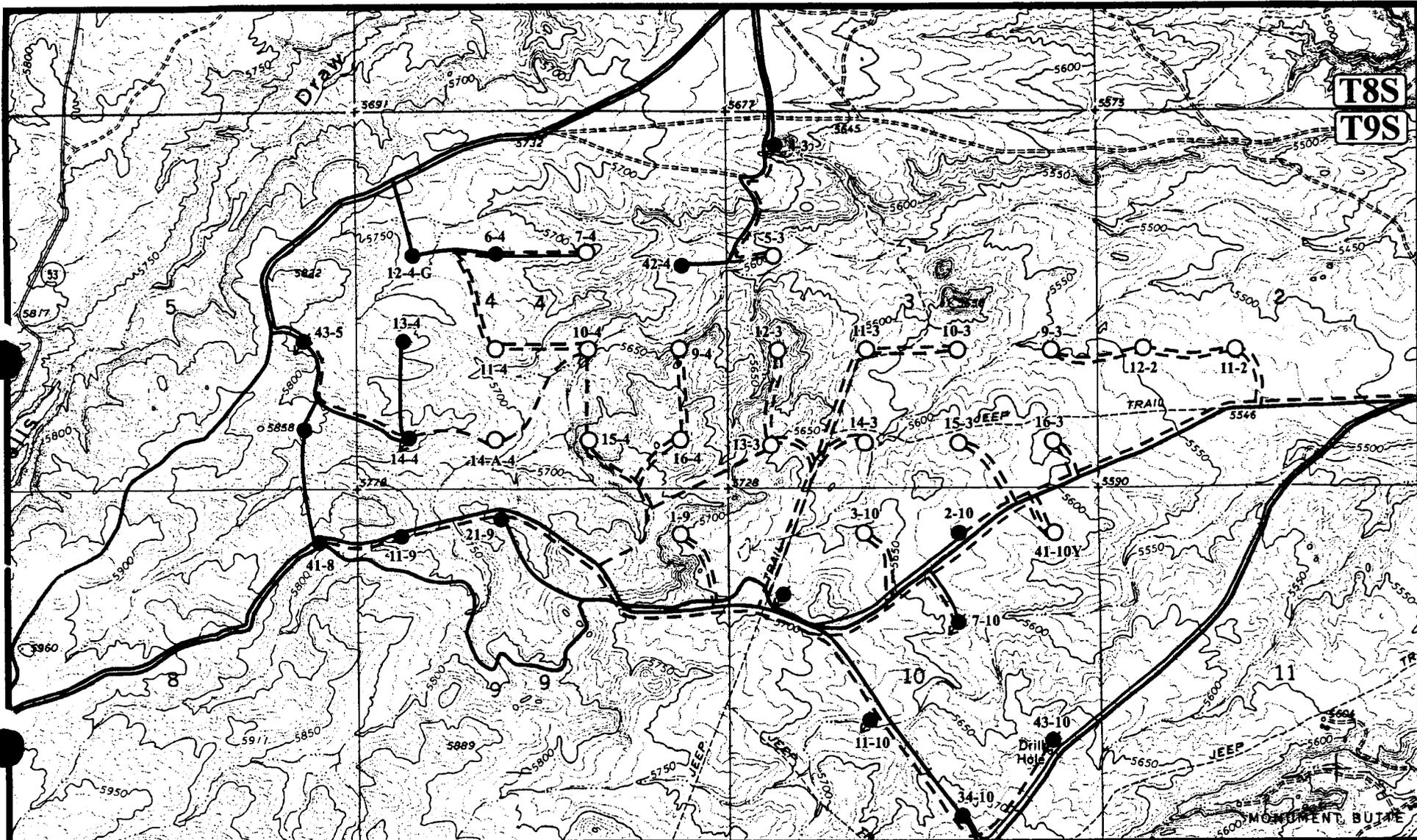
**NOTE:**

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

**APPROXIMATE YARDAGES**

<b>CUT</b>	
(6") Topsoil Stripping	= 870 Cu. Yds.
Remaining Location	= 5,600 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 6,470 CU.YDS.</b>
<b>FILL</b>	<b>= 5,000 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 1,210 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 1,200 Cu. Yds.
EXCESS MATERIAL After Reserve Pit is Backfilled & Topsoil is Re-distributed	= 10 Cu. Yds.



**T8S**  
**T9S**

**R**  
**16**  
**E**

**LEGEND:**

- EXISTING PIPELINE
- - - PROPOSED PIPELINE
- - - PROPOSED ACCESS
- - - PROPOSED WATER LINE
- EXISTING WELL
- PROPOSED WELL
- EXISTING ROAD
- EXISTING WATER LINE

**INLAND PRODUCTION CO.**

**PROPOSED ROAD & PIPELINE SYSTEM**  
**T9S, R16E, S.L.B.&M.**



**Utah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC**  
**MAP**

<b>5</b>	<b>22</b>	<b>98</b>
MONTH	DAY	YEAR

SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 7-7-98

**1**  
**TOPO**

Well No.: South Wells Draw 4-3-9-16

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: South Wells Draw 4-3-9-16

API Number:

Lease Number: UTU-73087

Location: NWNW Sec. 3, T9S, R16E

**GENERAL**

Access pad from W, off of existing access road. Location should be moved to South side of drainage to avoid plover concentration area.

**CULTURAL RESOURCES**

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

**PALEONTOLOGICAL RESOURCES**

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

**SOILS, WATERSHEDS, AND FLOODPLAINS**

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

**WILDLIFE AND FISHERIES**

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

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

## THREATENED, ENDANGERED, AND OTHER SENSITIVE SPECIES

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

**FERRUGINOUS HAWK:** In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

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

OTHER

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: 4-3-9-16

API Number: 43-013-32096

Lease Number: U-77338

Location: NWNW Sec. 3 T. 09S R. 16E

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

**Drilling Operations**

As a minimum, the usable water shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the Usable Water identified at ± 1068 ft.

**SURFACE USE PROGRAM**  
Conditions of Approval (COA)  
Inland Production Company - Well #4-3-9-16

**Location Reclamation**

The following seed mixture will be used on the stock piled topsoil, reclamation of the reserve pit and for final reclamation: (All poundages are in Pure Live Seed)

needle and thread	Stipa comoata	2 lbs/acre
shadscale	Atriplex confertifolia	3 lbs/acre
fourwing saltbush	Atriplex canescens	4 lbs/acre
indian rice grass	Oryzopsis hymenoides	3 lbs/acre

The location topsoil pile shall be seeded immediately after site construction by broadcasting the seed, then walking the topsoil pile with the dozer to plant the seed.

The reserve pit shall have a small amount of topsoil stock piled near by to be used to spread over the reserve pit area at the time the reserve pit is reclaimed.

At the time of final abandonment the location and access will be recontoured to natural topography and topsoil spread over the area and the surface seeded immediately. If the previously reclaimed surface of the reserve pit needs additional contouring, the topsoil over the pit will be scraped off and then used as additional topsoil for final reclamation.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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

2. NAME OF OPERATOR Inland Production Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*) At Surface NW/NW At proposed Prod. Zone 789' FNL & 754' FWL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\* 11.6 Miles southwest of Myton, UT

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 754'

16. NO. OF ACRES IN LEASE 640.84

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

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

19. PROPOSED DEPTH 6500'

20. ROTARY OR CABLE TOOLS Rotary

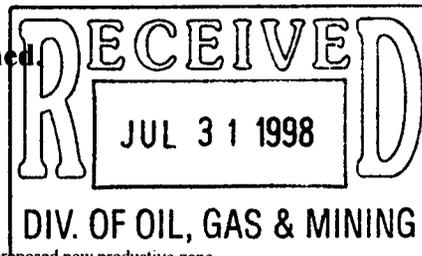
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5653.6' GR

22. APPROX. DATE WORK WILL START\* 4th Quarter 1998

23. PROPOSED CASING AND CEMENTING PROGRAM

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

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



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

24. SIGNED Cheryl Cameron TITLE Regulatory Specialist DATE 7/27/98

(This space for Federal or State office use)

PERMIT NO. 43-013-32096 APPROVAL DATE

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

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

APPROVED BY Bradley G. Hill TITLE BRADLEY G. HILL RECLAMATION SPECIALIST III DATE 8/10/98

\*See Instructions On Reverse Side

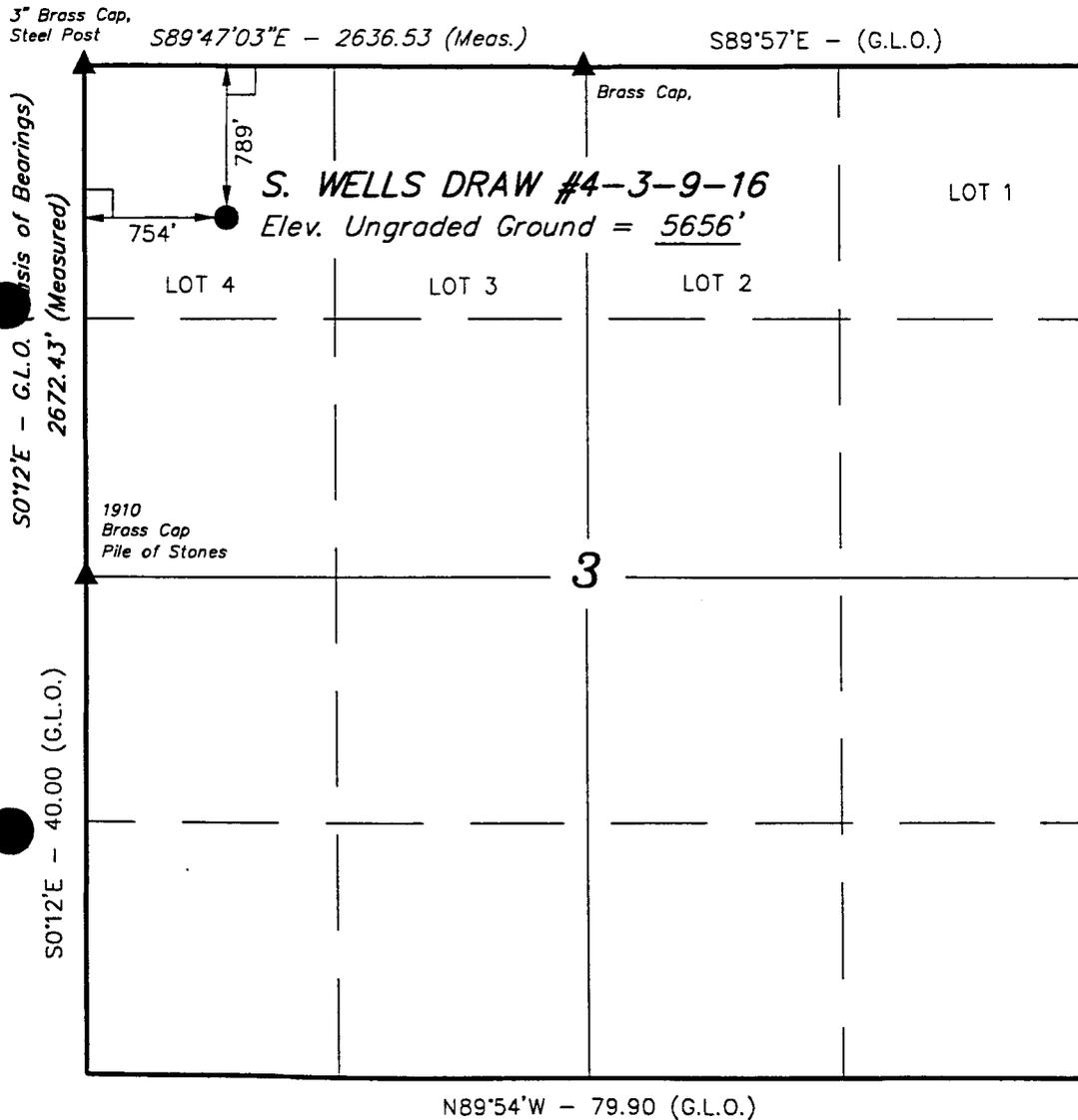
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Handwritten notes: 525775.6 4435133.6

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

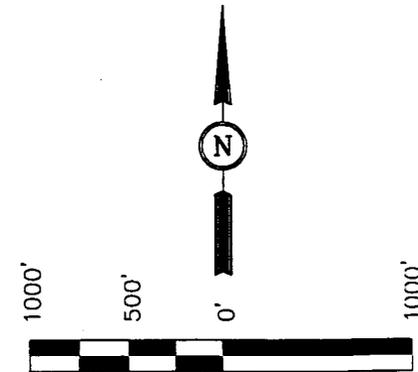
INLAND PRODUCTION CO.

Well location, S. WELLS DRAW #4-3-9-16, located as shown in the NW 1/4 NW 1/4 of Section 3, T9S, R16E, S.L.B.&M., Duchesne County, Utah.



BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 3, T9S, R16E, S.L.B.&M. TAKEN FROM THE MYTON SW QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5677 FEET.



SCALE

CERTIFICATE

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

*Paul L. Hay*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

REVISED: 7-17-98 D.COX

<b>UTAH ENGINEERING &amp; LAND SURVEYING</b> 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 9-25-97	DATE DRAWN: 9-26-97
PARTY B.B. D.R. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE INLAND PRODUCTION CO.	

LEGEND:

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

**INLAND PRODUCTION COMPANY  
S. WELLS DRAW #4-3-9-16  
NW/NW SECTION 3, T9S, R16E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**DRILLING PROGRAM**

**1. GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

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

Uinta	0' – 1740'
Green River	1740'
Wasatch	6500'

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

Green River Formation 1740' – 6500' - Oil

**4. PROPOSED CASING PROGRAM**

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

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

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

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

Please refer to the Monument Butte Field SOP.

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

Please refer to the Monument Butte Field SOP.

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

Please refer to the Monument Butte Field SOP.

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

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

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

Please refer to the Monument Butte Field SOP.

**INLAND PRODUCTION COMPANY  
S. WELLS DRAW #4-3-9-16  
NW/NW SECTION 3, T9S, R16E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

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

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Inland Production Company well location site S. Wells Draw # 4-3-9-16 located in the NW 1/4 NW 1/4 Section 3, T9S, R16E, S.L.B. 7 M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southerly along this road 6.3 miles  $\pm$  to its junction with a dirt road to the southwest; proceed southwesterly 3.8 miles to its junction with a dirt road to the south; proceed southerly 0.5 miles to the beginning of the proposed access road.

**2. PLANNED ACCESS ROAD**

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

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "D".

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

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

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

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

**6. SOURCE OF CONSTRUCTION MATERIALS**

Please refer to the Monument Butte Field SOP.

**7. METHODS FOR HANDLING WASTE DISPOSAL**

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

**8. ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

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

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION *Archaeological Survey & Pipeline ROW*

The Archaeological Cultural Resource Survey Report is attached.

The pipeline ROW has been granted to the S. Wells Draw #4-3-9-16 for a 3"- 4" poly fuel gas line, and a 4"-6" poly gas gatherline line. Inland requests that a 30' width for the ROW and an additional 30' width for working surface as necessary. Refer to the Proposed Road & Pipeline System, Topographic Map "1".

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

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

Certification

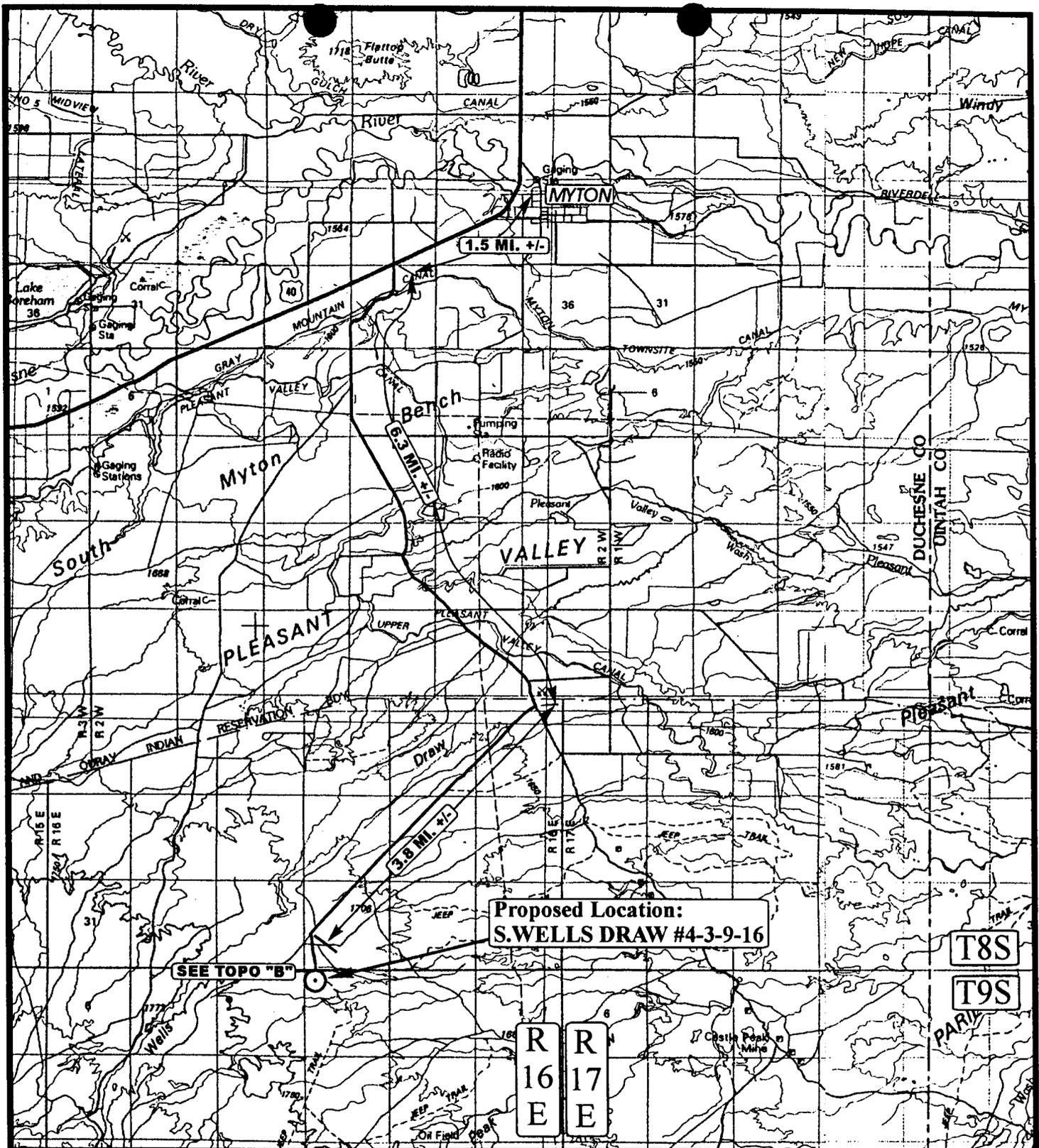
Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #4-3-9-16 NW/NW Section 3, Township 9S, Range 16E: Lease UTU-73087 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

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

7/27/98

Date

  
Cheryl Cameron  
Regulatory Specialist



**Proposed Location:  
S. WELLS DRAW #4-3-9-16**

SEE TOPO "B"

T8S

T9S

R  
16  
E

R  
17  
E

**LEGEND:**

○ PROPOSED LOCATION



**INLAND PRODUCTION CO.**

S. WELLS DRAW #4-3-9-16  
SECTION 3, T9S, R16E, S.L.B.&M.  
789' FNL 754' FWL



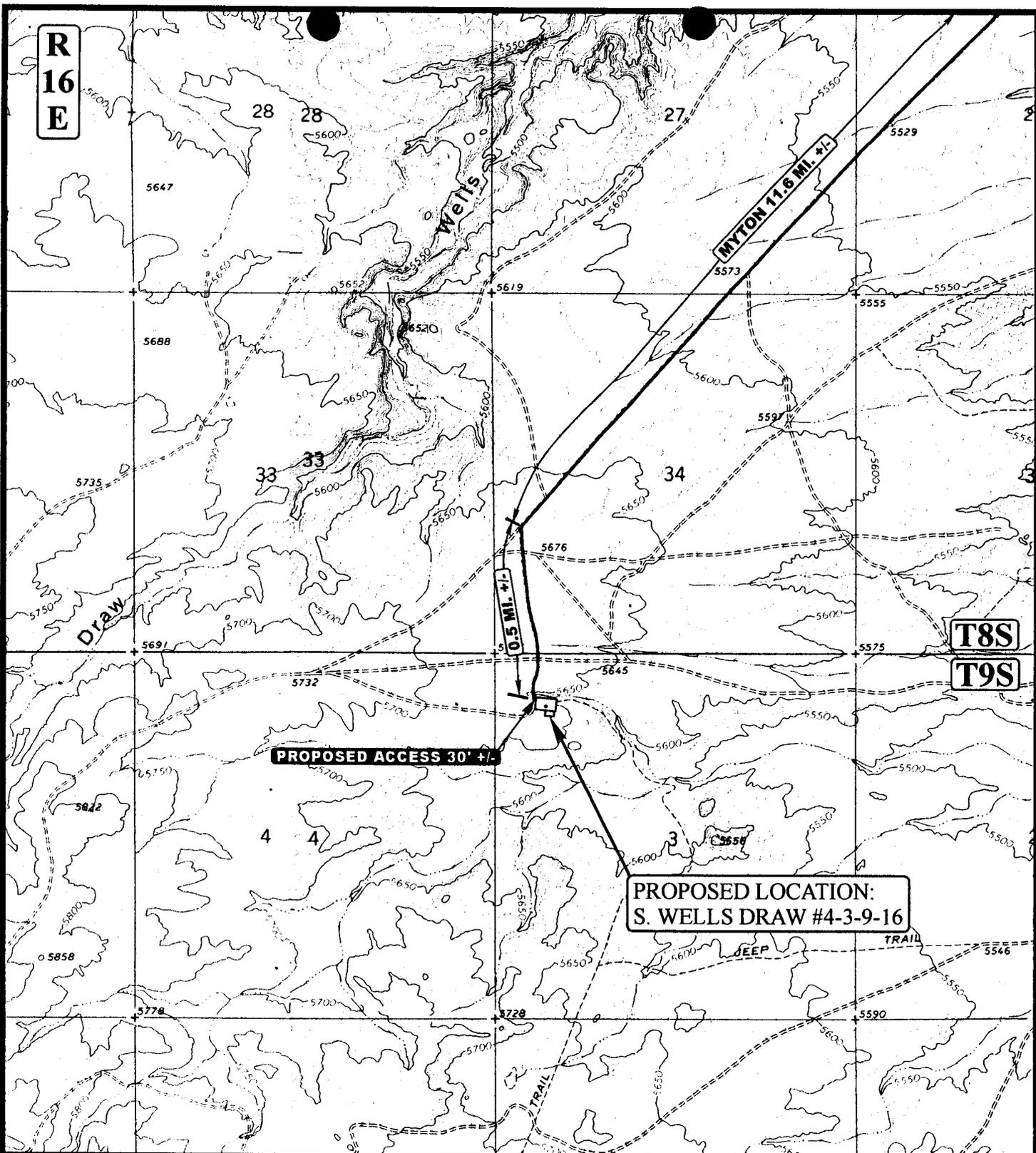
Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(801) 789-1017 \* FAX (801) 789-1813  
Email: uels@easilink.com

TOPOGRAPHIC  
MAP

10	3	97
MONTH	DAY	YEAR

SCALE: 1: 100,000 DRAWN BY: C.G. REVISED: 7-20-98





**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING ROAD



**INLAND PRODUCTION CO.**

**S. WELLS DRAW #4-3-9-16**  
**SECTION 3, T9S, R16E, S.L.B.&M.**  
**789' FNL 754' FWL**

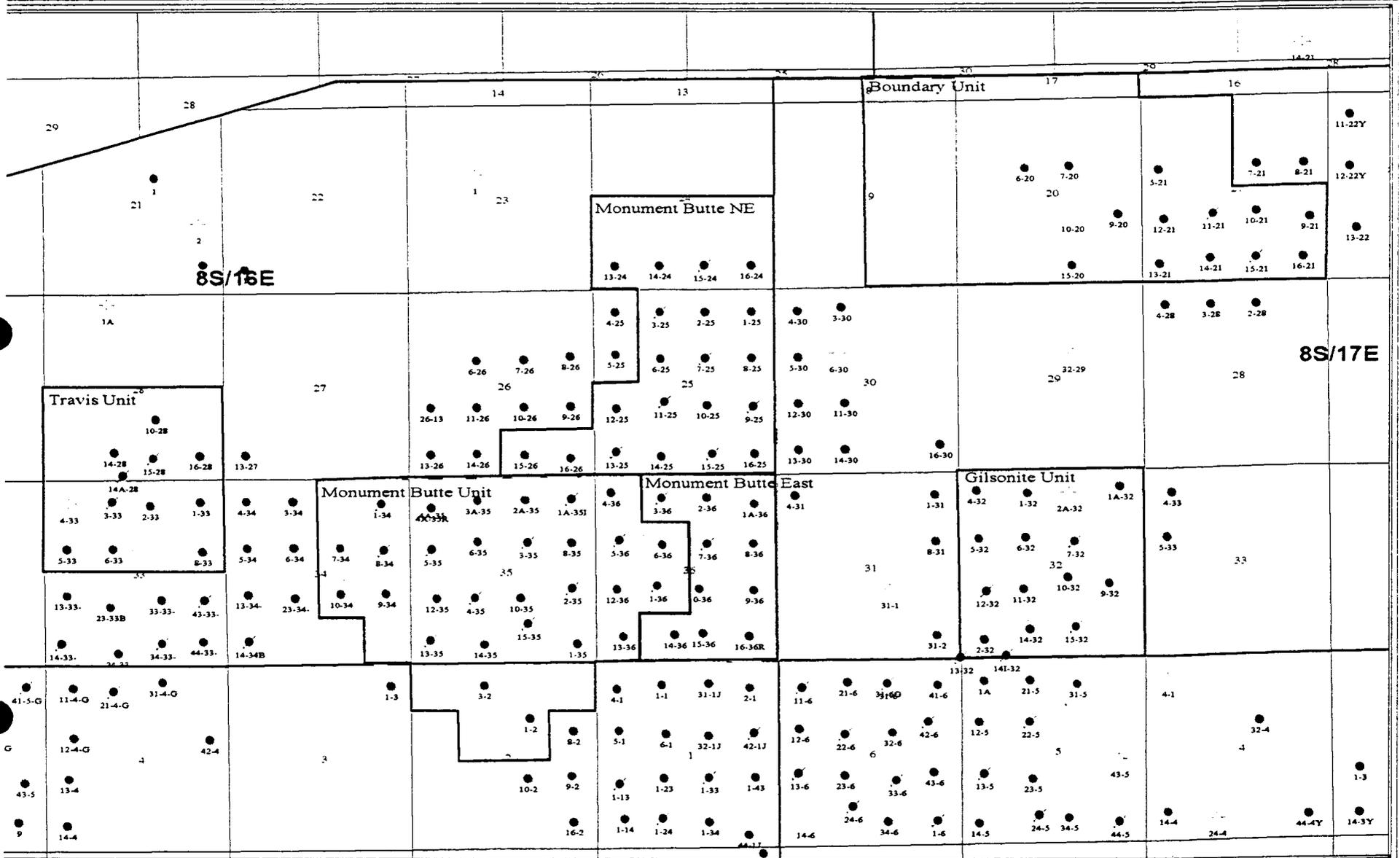


**Utah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (801) 789-1017 \* FAX (801) 789-1813  
 Email: [uels@easllink.com](mailto:uels@easllink.com)

<b>TOPOGRAPHIC</b>	<b>10</b>	<b>3</b>	<b>97</b>
<b>MAP</b>	MONTH	DAY	YEAR
SCALE: 1" = 2000'	DRAWN BY: C.G.		REVISED: 7-20-98



EXHIBIT "C"



**Inland**  
PRODUCTION INC.

475 17<sup>th</sup> Street, Suite 1500  
 Denver, Colorado 80202  
 Phone: (303) 291-0900

**Regional Area**

Duchene County, Utah

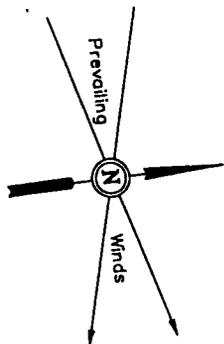
Date: 4/18/97 J.A.



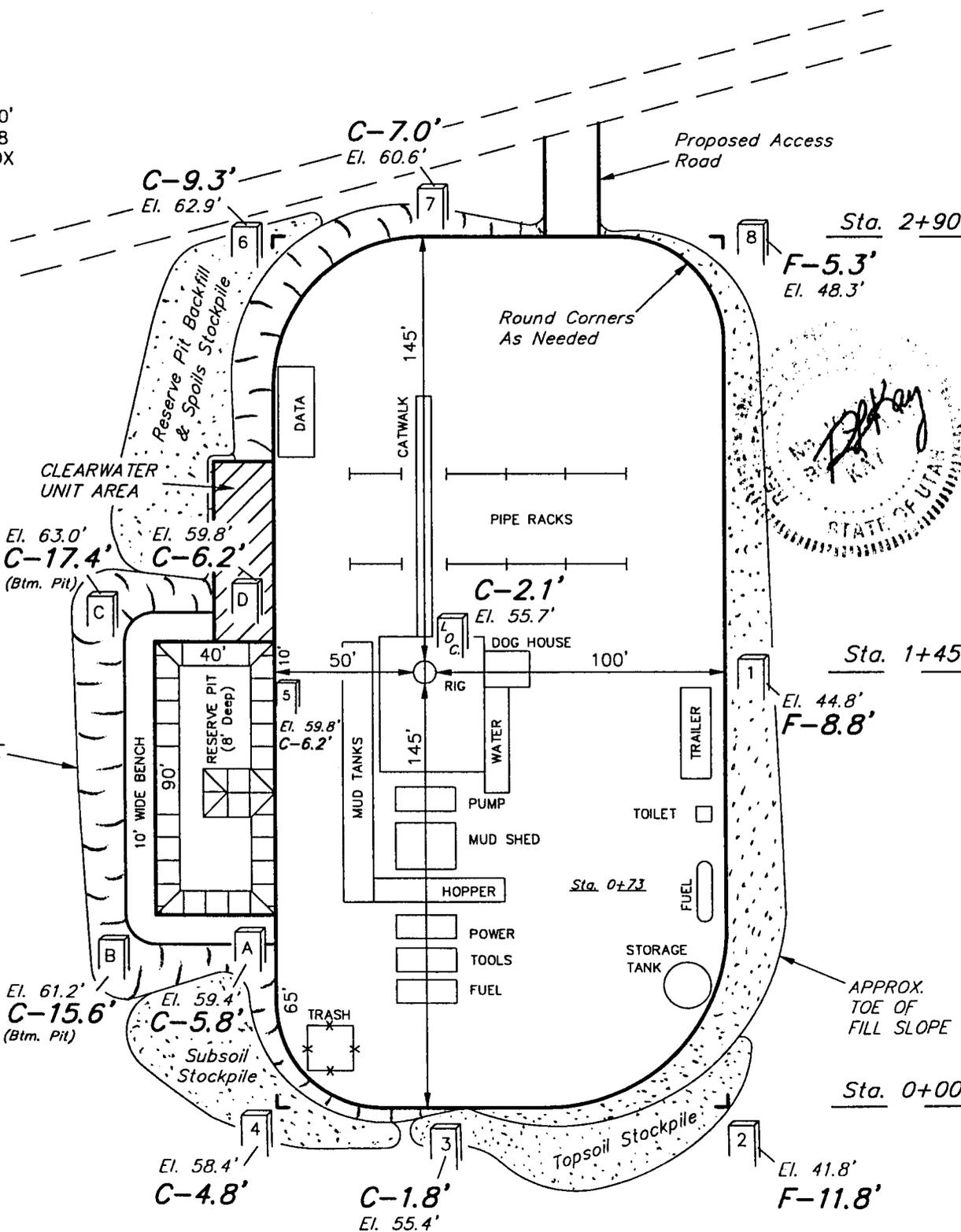
INLAND PRODUCTION CO.

LOCATION LAYOUT FOR

S. WELLS DRAW #4-3-9-16  
SECTION 3, T9S, R16E, S.L.B.&M.  
789' FNL 754' FWL



SCALE: 1" = 50'  
Date: 7-20-98  
Drawn By: D.COX



NOTE:  
PIT CAPACITY  
WITH 2' OF  
FREEBOARD  
= 2,030 Bbls.

APPROX.  
TOP OF  
CUT SLOPE

APPROX.  
TOE OF  
FILL SLOPE

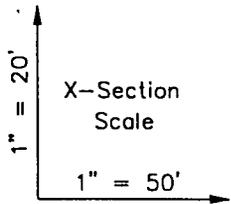
Elev. Ungraded Ground at Location Stake = 5655.7'  
Elev. Graded Ground at Location Stake = 5653.6'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

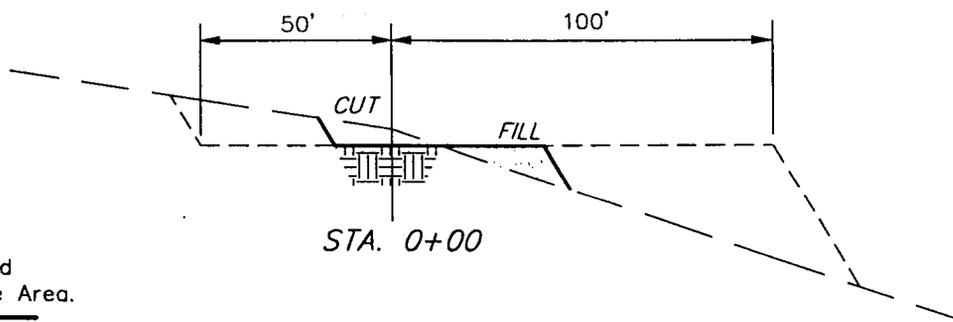
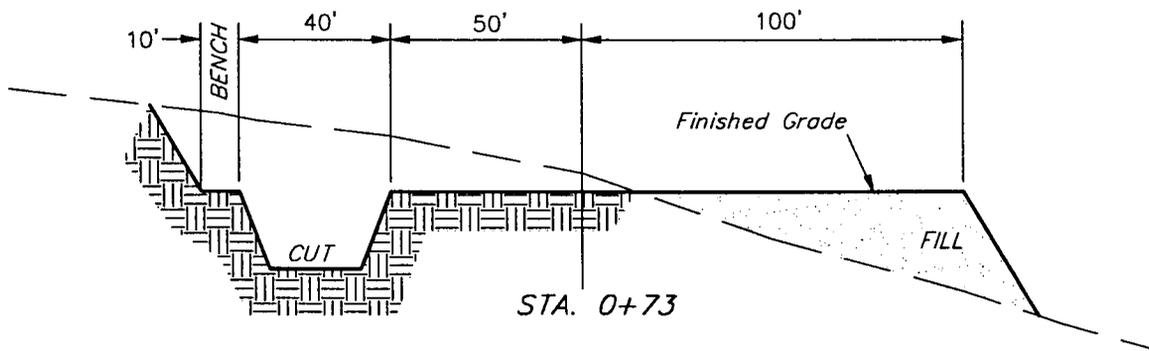
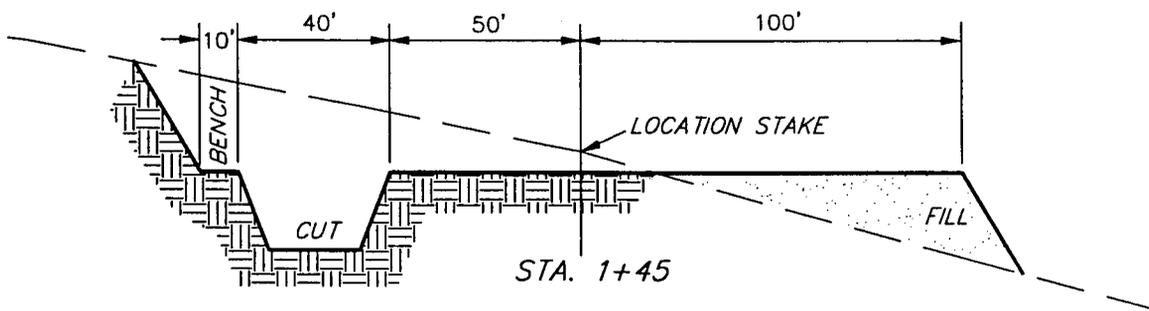
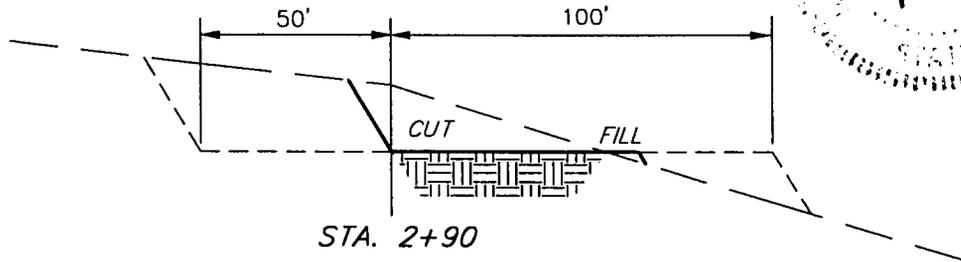
**INLAND PRODUCTION CO.**

**TYPICAL CROSS SECTIONS FOR**

S. WELLS DRAW #4-3-9-16  
SECTION 3, T9S, R16E, S.L.B.&M.  
789' FNL 754' FWL



Date: 7-20-98  
Drawn By: D.COX



NOTE:  
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

**APPROXIMATE YARDAGES**

<b>CUT</b>	
(6") Topsoil Stripping	= 870 Cu. Yds.
Remaining Location	= 5,600 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 6,470 CU.YDS.</b>
<b>FILL</b>	<b>= 5,000 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION = 1,210 Cu. Yds.  
Topsoil & Pit Backfill (1/2 Pit Vol.) = 1,200 Cu. Yds.  
EXCESS MATERIAL After Reserve Pit is Backfilled & Topsoil is Re-distributed = 10 Cu. Yds.

**UINTAH ENGINEERING & LAND SURVEYING**  
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017



Well No.: South Wells Draw 4-3-9-16

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: South Wells Draw 4-3-9-16

API Number:

Lease Number: UTU-73087

Location: NWNW Sec. 3, T9S, R16E

**GENERAL**

Access pad from W, off of existing access road. Location should be moved to South side of drainage to avoid plover concentration area.

**CULTURAL RESOURCES**

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

**PALEONTOLOGICAL RESOURCES**

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

**SOILS, WATERSHEDS, AND FLOODPLAINS**

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

**WILDLIFE AND FISHERIES**

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

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

## THREATENED, ENDANGERED, AND OTHER SENSITIVE SPECIES

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

**FERRUGINOUS HAWK:** In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

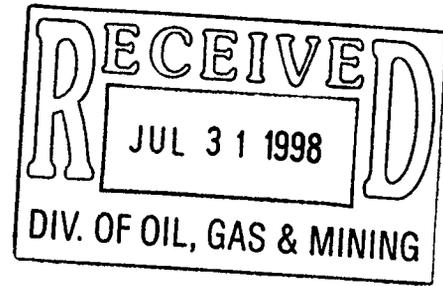
**MOUNTAIN PLOVER:** If new construction or surface disturbing activities are scheduled to occur between March 15 and August 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers.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

OTHER



July 29, 1998

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



**ATTENTION: Ed Forsman/Wayne Bankert**

**RE: Tar Sands Federal #15-28-8-17  
Monument Butte Federal #4-24-8-16  
Monument Butte Federal #1-23-8-16  
Monument Butte Federal #3-23-8-16  
Monument Butte Federal #8-23-8-16  
S. Wells Draw #10-4-9-16  
S. Wells Draw #14A-4-9-16  
S. Wells Draw #16-4-9-16  
S. Wells Draw #5-3-9-16  
S. Wells Draw #12-3-9-16**

**Tar Sands Federal #16-28-8-17  
Monument Butte Federal #5-24-8-16  
Monument Butte Federal #2-23-8-16  
Monument Butte Federal #7-23-8-16  
S. Wells Draw #9-4-9-16  
S. Wells Draw #11-4-9-16  
S. Wells Draw #15-4-9-16  
S. Wells Draw #4-3-9-16  
S. Wells Draw #13-3-9-16**

Gentlemen:

Enclosed is the original and two copies (each) of Application For Permit To Drill, for the above referenced locations.

Please do not hesitate to contact me in the Vernal Branch Office, if you need additional information, or have questions.

Sincerely,  
  
Cheryl Cameron  
Regulatory Specialist

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

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 07/31/98

API NO. ASSIGNED: 43-013-32096

WELL NAME: SOUTH WELLS DRAW 4-3-9-16  
 OPERATOR: INLAND PRODUCTION COMPANY (N5160)  
 CONTACT: Cheryl Cameron (435) 789-1866

PROPOSED LOCATION:  
 NWNW 03 - T09S - R16E  
 SURFACE: 0789-FNL-0754-FWL  
 BOTTOM: 0789-FNL-0754-FWL  
 DUCHESNE COUNTY  
 MONUMENT BUTTE FIELD (105)

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

LEASE TYPE: FED  
 LEASE NUMBER: UTU-73087  
 SURFACE OWNER: Federal

PROPOSED FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

Plat

Bond: Federal  State  Fee   
 (No. 4488944)

Potash (Y/N)

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

Water Permit  
 (No. Johnson Water District)

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

St/Fee Surf Agreement (Y/N)

LOCATION AND SITING:

\_\_\_\_ R649-2-3. Unit \_\_\_\_\_

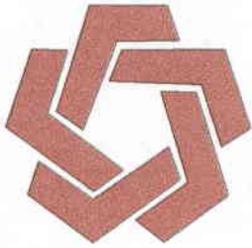
R649-3-2. General

\_\_\_\_ R649-3-3. Exception

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

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

STIPULATIONS: ① FEDERAL APPROVAL



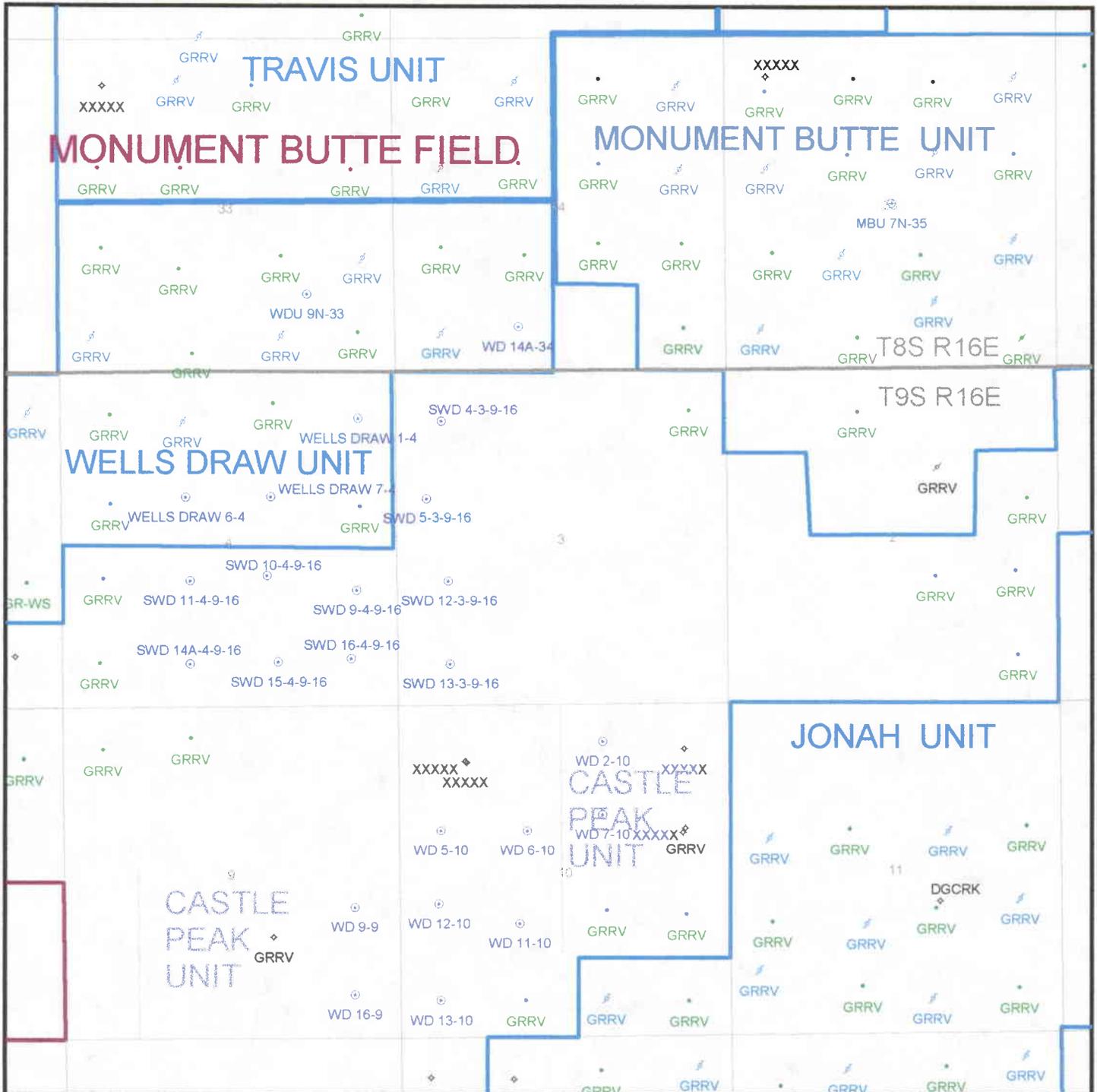
DIVISION OF OIL, GAS & MINING

OPERATOR: INLAND PRODUCTION COMPANY (N5160)

FIELD: MONUMENT BUTTE (105)

SEC. 3 & 4, TWP 9S, RNG 16E

COUNTY: DUCHESNE UAC: R649-3-2 STATEWIDE SPACING



DATE PREPARED:  
3-AUG-1998



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

Michael O. Leavitt  
Governor

Lowell P. Braxton  
Division Director

August 10, 1998

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

Re: South Wells Draw 4-3-9-16 Well, 789' FNL, 754' FWL, NW NW,  
Sec. 3, T. 9 S., R. 16 E., Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32096.

Sincerely,

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

*for* John R. Baza  
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor

Bureau of Land Management, Vernal District Office

Operator: Inland Production Company  
Well Name & Number: South Wells Draw 4-3-9-16  
API Number: 43-013-32096  
Lease: UTU-73087  
Location: NW NW Sec. 3 T. 9 S. R. 16 E.

### Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours prior to spudding the well. Contact Jim Thompson at (801)538-5336.

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

3. Reporting Requirements

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

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



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

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

Michael O. Leavitt  
Governor

Lowell P. Braxton  
Division Director

August 10, 1998

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

RECEIVED

AUG 13 1998

BLM VERNAL, UTAH

Re: South Wells Draw 4-3-9-16 Well, 789' FNL, 754' FWL, NW NW,  
Sec. 3, T. 9 S., R. 16 E., Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32096.

Sincerely,

for John R. Baza  
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor

Bureau of Land Management, Vernal District Office

Operator: Inland Production Company  
Well Name & Number: South Wells Draw 4-3-9-16  
API Number: 43-013-32096  
Lease: UTU-73087  
Location: NW NW Sec. 3 T. 9 S. R. 16 E.

### Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours prior to spudding the well. Contact Jim Thompson at (801) 538-5336.

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

3. Reporting Requirements

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

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

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO. UTU-73087 U-77338

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL [X] DEEPEN [ ]

1b. TYPE OF WELL

OIL WELL [X] GAS WELL [ ] OTHER [ ] SINGLE ZONE [ ] MULTIPLE ZONE [ ]

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME South Wells Draw

2. NAME OF OPERATOR Inland Production Company

9. WELL NO. #4-3-9-16

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

10. FIELD AND POOL OR WILDCAT Monument Butte

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*) At Surface NW/NW At proposed Prod. Zone 789' FNL & 754' FWL

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3, T9S, R16E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\* 11.6 Miles southwest of Myton, UT

12. County Duchesne 13. STATE UT

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 754'

16. NO. OF ACRES IN LEASE 640.84

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

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

19. PROPOSED DEPTH 6500'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5653.6' GR

22. APPROX. DATE WORK WILL START\* 4th Quarter 1998

23. PROPOSED CASING AND CEMENTING PROGRAM

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

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

RECEIVED JUL 30 1998

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

24. SIGNED Cheryl Cameron TITLE Regulatory Specialist DATE 7/27/98

(This space for Federal or State office use)

PERMIT NO. 43-013-32096 APPROVAL DATE

NOTICE OF APPROVAL

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [Signature] TITLE Assistant Field Manager Mineral Resources DATE 11/15/98

RECEIVED NOV 06 1998 DIV. OF OIL, GAS & MINING

\*See Instructions On Reverse Side

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

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

713A

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: 4-3-9-16

API Number: 43-013-32096

Lease Number: U-77338

Location: NWNW Sec. 3 T. 09S R. 16E

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

**Drilling Operations**

As a minimum, the usable water shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the Usable Water identified at  $\pm$  1068 ft.

**SURFACE USE PROGRAM**  
Conditions of Approval (COA)  
Inland Production Company - Well #4-3-9-16

**Location Reclamation**

The following seed mixture will be used on the stock piled topsoil, reclamation of the reserve pit and for final reclamation: (All poundages are in Pure Live Seed)

needle and thread	Stipa comoata	2 lbs/acre
shadscale	Atriplex confertifolia	3 lbs/acre
fourwing saltbush	Atriplex canescens	4 lbs/acre
indian rice grass	Oryzopsis hymenoides	3 lbs/acre

The location topsoil pile shall be seeded immediately after site construction by broadcasting the seed, then walking the topsoil pile with the dozer to plant the seed.

The reserve pit shall have a small amount of topsoil stock piled near by to be used to spread over the reserve pit area at the time the reserve pit is reclaimed.

At the time of final abandonment the location and access will be recontoured to natural topography and topsoil spread over the area and the surface seeded immediately. If the previously reclaimed surface of the reserve pit needs additional contouring, the topsoil over the pit will be scraped off and then used as additional topsoil for final reclamation.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No. <b>UTU-77338</b>
6. If Indian, Allottee or Tribe Name <b>NA</b>
7. If unit or CA, Agreement Designation
8. Well Name and No. <b>South Wells Draw #4-3-9-16</b>
9. API Well No. <b>43-013-32096</b>
10. Field and Pool, or Exploratory Area <b>Monumet Butte</b>
11. County or Parish, State <b>Duchesne County, Utah</b>

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas well     Other

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

3. Address and Telephone No.  
**410 17th Street Suite 700, Denver, CO 80202 Phone No. (303) 893-0102**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**NW/NW                      789' FNL & 754' FWL**  
**Sec. 3, T9S, R16E**

RECEIVED  
AUG 09 1999

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

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

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

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

11/5/98

*Inland Production Company requests that a one year APD extension be granted to the above referenced location.*

WPS 8/19/99

APD

**CONDITIONS OF APPROVAL ATTACHED**

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

Signed Jon Holst Title Counsel Date 8/5/99

(This space of Federal or State office use.)

Approved by Wayne P. Barhart Title Petroleum Engineer Date AUG 19 1999

Conditions of approval, if any:

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

\*See Instruction on Reverse Side

99LC 14455

APD Extension  
Well: 4-3-9-16  
NWNW Sec. 3, T09S, R16E  
UTU-77338

### CONDITIONS OF APPROVAL

This correspondence is in regard to the request by your office for a one year extension of the Application for Permit to Drill (APD) for the above well. We have reviewed your request and concur with the following conditions.

1. The APD is extended for one year from the expiration date or **November 5, 2000.**
2. No other APD extension will be granted for this well after the extension expiration date.

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

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

OPERATOR ACCT. NO. N5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12639	43-013-32096	South Wells Draw 4-3-9-16	NW/NW	3	9S	16E	Duchesne	Nov. 7, 1999	

WELL 1 COMMENTS: Union rig #14 spud at 3 p.m. *091109 entity added. KDR*

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

WELL 2 COMMENTS:

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

WELL 3 COMMENTS:

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

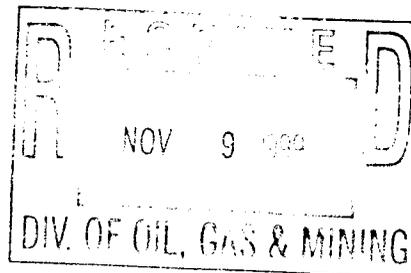
WELL 4 COMMENTS:

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

WELL 5 COMMENTS:

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

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



*Coe Mattison*  
 Signature

Sr. Production Accounting Clerk  
 Title

Date



November 10, 1999

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

Dear Carol:

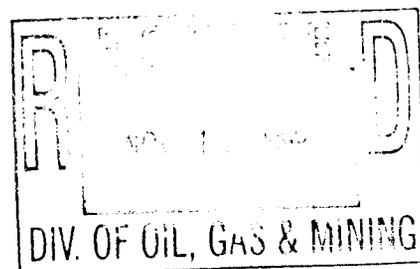
Please find enclosed Form 3160-5, for the SWD 4-3-9-16.. If you have any questions feel free to call me @ 435-823-7468 cell, or 435-646-3721 office any time.

Sincerely,

PAT WISENER  
Drilling Foreman

Enclosures

pw



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

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
**U-77338**

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

7. If Unit or CA, Agreement Designation  
**NA**

8. Well Name and No.  
**SOUTH WELLS DRAW 4-3-9-16**

9. API Well No.  
**43-013-32096**

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

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

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

3. Address and Telephone No.  
**Route 3 Box 3630 Myton, Utah 84052    435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**789 FNL 754 FWL    NW/NW Section 3, T09S R16E**

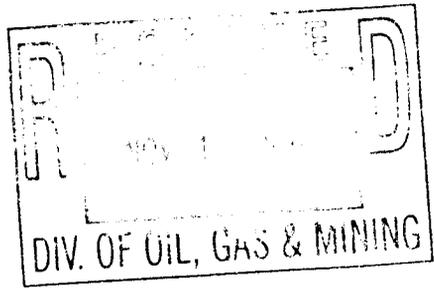
12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

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

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

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

MIRU (1 hr leveling location). RR (rotary table & chain). Drl & set MH & RH. Drl & set conductor. **SPUD WELL @ 3:00PM. 11/07/99.** Drl Kelly down .. NU cellar. Drl 12-1/4" hole 19' - 344'. C&C. TOH. ND cellar. Run 8-5/8" csg. 7 JT's ( 315.09' ). RU BJ. Pmp 20 bbl dye wtr & 20 bbl gel. Cmt w/141 sx Class "G" w/2% CACL2 & 1/4#/sk Cello Flake (15.8 ppg 1.17 cf/sk yield). Poor returns to surface. Mix 2nd stage of 100 sks class "G" cement + 2% CACL2 I in the mix water ( 15.8 ppg 1.17 cf/sk yield). Pump 2nd stage slowly good returns of 20 bbls dye water and 20 bbls gel water . 1 bbl of 14 ppg cement returned to surface. Observe cement @ surface for 1 hr. No level drop. Plug down @ 8:50 am. WOC 4 hrs.



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

Signed Pat Wisener Title Drilling Foreman Date 11/9/99

(This space for Federal or State office use)

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

RECEIVED  
NOV 12 1999

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

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

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

**789 FNL 754 FWL NW/NW Section 3, T09S R16E**

5. Lease Designation and Serial No.

**U-77338**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**NA**

8. Well Name and No.

**SOUTH WELLS DRAW 4-3-9-16**

9. API Well No.

**43-013-32096**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

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

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

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

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

MIRU (1 hr leveling location). RR (rotary table & chain. Drl & set MH & RH. Drl & set conductor. **SPUD WELL @ 3:00PM. 11/07/99.** Drl Kelly down .. NU cellar. Drl 12-1/4" hole 19' - 344'. C&C. TOH. ND cellar. Run 8-5/8" csg. 7 JT's ( 315.09' ). RU BJ. Pmp 20 bbl dye wtr & 20 bbl gel. Cmt w/141 sx Class "G" w/2% CACL2 & 1/4#/sk Cello Flake (15.8 ppg 1.17 cf/sk yield). Poor returns to surface. Mix 2nd stage of 100 sks class "G" cement + 2% CACL2 I in the mix water ( 15.8 ppg 1.17 cf/sk yield). Pump 2nd stage slowly good returns of 20 bbls dye water and 20 bbls gel water . 1 bbl of 14 ppg cement returned to surface. Observe cement @ surface for 1 hr. No level drop. Plug down @ 8:50 am. WOC 4 hrs.

VERNAL DIST.  
ENG. WOB 11/12/99  
GEOLOG.  
E.S.  
DPT.  
ENG.

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

Signed

Dat Wisener

Title

Drilling Foreman

Date

11/9/99

(This space for Federal or State office use)

Approved by

Title

**NOTED**

Date

NOV 17 1999

Conditions of approval, if any:

**CC: UTAH DOGM**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

**U-77338**

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

**SOUTH WELLS DRAW 4-3-9-16**

9. API Well No.

**43-013-32096**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well

Gas Well

Other

RECEIVED  
NOV 26 1999

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

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

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

**789 FNL 754 FWL NW/NW Section 3, T09S R16E**

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

**TYPE OF SUBMISSION**

Notice of Intent

Subsequent Report

Final Abandonment Notice

**TYPE OF ACTION**

Abandonment

Recompletion

Plugging Back

Casing Repair

Altering Casing

Other

WEEKLY STATUS

Change of Plans

New Construction

Non-Routine Fracturing

Water Shut-Off

Conversion to Injection

Dispose Water

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

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

**WEEKLY STATUS FOR PERIOD OF 11/14/99 THRU 11/20/99**

Drill 7 7/8" hole to a depth of 3800' with air & foam. Drill 77/8" hole to a depth of 5939' TD @ 10:15 PM. 11/16/99, with water based fluid. Open hole log. Run 5 1/2" csg to a depth of 5934.8 RU BJ & Cement with 285 sks of PREMLITE II Cement and 391 sks of 50/50 POZ. Cement.

Rig down UNION DRILLING RIG 14#. Wait on completion rig.

VERNAL DIST.  
ENG. WPA 11/25/99  
GEOL. \_\_\_\_\_  
E.S. \_\_\_\_\_  
PET. \_\_\_\_\_  
A.M. \_\_\_\_\_

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

Signed

Pat Wisener

Title

Drilling Foreman

Date

11/22/99

(This space for Federal or State office use)

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

Title

**NOTED**

Date

DEC 01 1999

Conditions of approval, if any:

**CC: UTAH DOGM**

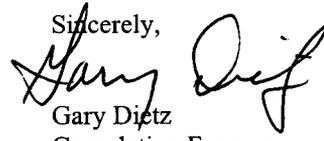


December 6, 1999

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

Dear Carol;

Please find enclosed Form 3160-5, for the SWD 4-3-9-16. If you have any questions please call me at 435-823-4211 (CELL) or 435-646-3721 (OFFICE) any time.

Sincerely,  
  
Gary Dietz  
Completion Foreman

Enclosures

gd

RECEIVED  
DEC - 7 1999  
DIVISION OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
**U-77338**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

**South Wells Draw 4-3-9-16**

9. API Well No.

43-013-32096

10. Field and Pool, or Exploratory Area

**Monument Butte**

11. County or Parish, State

Duchesne County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

**Inland Production Company**

3. Address and Telephone No.

**Rout #3 Box 3630 Myton, Utah 84052 435-646-3721**

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

789 FNL 754 FWL NW/NW Section 3 T9S R16E

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

**TYPE OF SUBMISSION**

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

**TYPE OF ACTION**

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

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

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

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

Weekly status report for time period 11/29/99 through 12/5/99.  
Subject well was perforated & hydraulically fractured in Green River formation. Bridge plugs were removed from wellbore. All zones were swab tested to clean up sand. Production equipment was started to be run in well.

RECEIVED

DEC - 7 1999

DIVISION OF OIL, GAS & MINING

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

Signed Gary Dietz Title **Completion Foreman** Date **4-Dec-99**

(This space for Federal or State office use)

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

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

\*See Instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
**U-77338**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

**South Wells Draw 4-3-9-16**

9. API Well No.

43-013-32096

10. Field and Pool, or Exploratory Area

**Monument Butte**

11. County or Parish, State

Duchesne County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

RECEIVED  
DEC 7 1999

2. Name of Operator

**Inland Production Company**

3. Address and Telephone No.

**Rout #3 Box 3630 Myton, Utah 84052 435-646-3721**

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

789 FNL 754 FWL NW/NW Section 3 T9S R16E

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

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

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

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

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

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

Weekly status report for time period 11/29/99 through 12/5/99.

Subject well was perforated & hydraulically fractured in Green River formation. Bridge plugs were removed from wellbore. All zones were swab tested to clean up sand. Production equipment was started to be run in well.

VERNAL DIST.  
ENG. WPB 12/7/99  
GEOL. \_\_\_\_\_  
E.S. \_\_\_\_\_  
PET. \_\_\_\_\_  
A.M. \_\_\_\_\_

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

Signed

Gary Dietz

Title

**Completion Foreman**

Date

**4-Dec-99**

(This space for Federal or State office use)

Approved by

Title

**NOTED**

Date

**DEC 9 1999**

Conditions of approval, if any:

CC: Utah DOGM

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

\*See Instruction on Reverse Side



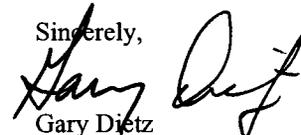
December 13, 1999

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

Dear Carol;

Please find enclosed Form 3160-5, for the SWD 4-3-9-16. If you have any questions please call me at 435-823-4211 (CELL) or 435-646-3721 (OFFICE) any time.

Sincerely,



Gary Dietz  
Completion Foreman

Enclosures

gd

RECEIVED

DEC 15 1999

DIVISION OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
**U-77338**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

**South Wells Draw 4-3-9-16**

9. API Well No.

43-013-32096

10. Field and Pool, or Exploratory Area

**Monument Butte**

11. County or Parish, State

Duchesne County Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

**Inland Production Company**

3. Address and Telephone No.

**Rout #3 Box 3630 Myton, Utah 84052 435-646-3721**

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

789 FNL 754 FWL NW/NW Section 3 T9S, R16E

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

**TYPE OF SUBMISSION**

**TYPE OF ACTION**

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

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

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

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

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

Status report for time period 12/6/99 through 12/12/99.  
Completion equipment was finished being run in well. Began producing on pump on 12/7/99.

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

Signed

Gary Dietz

Title

**Completion Foreman**

Date

**11-Dec-99**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

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

\*See Instruction on Reverse Side

RECEIVED

DEC 15 1999

DIVISION OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
**U-77338**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

**South Wells Draw 4-3-9-16**

9. API Well No.

43-013-32096

10. Field and Pool, or Exploratory Area

**Monument Butte**

11. County or Parish, State

Duchesne County Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

RECEIVED  
DEC 14 1999

2. Name of Operator

**Inland Production Company**

3. Address and Telephone No.

**Rout #3 Box 3630 Myton, Utah 84052 435-646-3721**

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

789 FNL 754 FWL NW/NW Section 3 T9S, R16E

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

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

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

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

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

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

Status report for time period 12/6/99 through 12/12/99.  
Completion equipment was finished being run in well. Began producing on pump on 12/7/99.

VERNAL DIST.  
ENG. WPB 12/24/99

GEOL. \_\_\_\_\_

E.S. \_\_\_\_\_

PET. \_\_\_\_\_

A.M. \_\_\_\_\_

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

Signed

Gary Dietz

Title

**Completion Foreman**

Date

**11-Dec-99**

(This space for Federal or State office use)

Approved by

Title

**NOTED**

Date

**DEC 28 1999**

Conditions of approval, if any:

CC: Utah DOGM

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

\*See Instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WORK

OIL WELL  GAS WELL  DRY

1b. TYPE OF WELL

NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF RESVR.

2. NAME OF OPERATOR

INLAND RESOURCES INC.

3. ADDRESS AND TELEPHONE NO.

410 17th St. Suite 700 Denver, CO 80202

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

At Surface  
NW/NW 789' FNL & 754' FWL  
At top prod. Interval reported below  
At total depth

RECEIVED  
JAN 18 2000

5. LEASE DESIGNATION AND SERIAL NO.

U-77338

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME, WELL NO.

South Wells Draw 4-3-9-16

9. API WELL NO.

43-013-32096

10. FIELD AND POOL OR WILDCAT

MONUMENT BUTTE

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

Section 3, T9S, R16E

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

DUCHESNE

13. STATE

UT

15. DATE SPUDDED

11/7/99

16. DATE T.D. REACHED

11/16/99

17. DATE COMPL. (Ready to prod.)

12/7/99

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

5664' KB 5654' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5947'

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

5913' PBDT

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

Green River 5007-5804'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

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

27. WAS WELL CORED

No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8	24#	295'	12-1/4	241 sx Class "G"	
5-1/2	15.5#	6140'	7-7/8	285 sx Premium Lite II	
				391 sx 50/50 POZ	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	EOT @ 5715'	TA @ 5557'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	NUMBER
5007-5010; 5132-5138; 5214-5218'	4 SPF	52 HOLES
5608-18; 5621-33; 5640-46; 5652-62; 5666-86; 5690-5700'	2 SPF	136 HOLES
5794-5800 & 5802-5804'	4 SPF	32 HOLES

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5007-5218'	Spotted 300 gals 15% Hcl acid across perfs
	105,750# 20/40 SD in 692 bbls gelled water
5608-5700'	124,100# 20/40 SD in 637 bbls gelled water
5794-5804'	52,187# 20/40 SD in 370 bbls gelled water

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)					
12/7/99	Pumping - 2.5 x 1.5 x 16' RHAC pump	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD.N. FOR TEST PERIOD	OIL--BBLs.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
2-day avg 12/99	24		→	56	53	0	946
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
		→					

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

Sold & Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Logs In Item #26

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records - REVISED 1/13/00

SIGNED

*[Signature]*

TITLE

Operations Secretary

DATE

1/13/00

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



January 13, 2000

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

Attn: Mr. Edwin I. Forsman

Re: **South Wells Draw 4-3-9-16**  
**SWNW Sec. 3, T9S, R16E**  
**Duchesne County, Utah**

Dear Mr. Forsman:

Enclosed please find a **corrected** Well Completion or Recompletion Report and Log form (Form 3160-4) for the above referenced well. The total depth has been corrected to 5947' in lieu of 5925' that was previously reported.

If you should have any questions, please contact me at (303) 893-0102.

Sincerely,

A. L. Shipman  
Operations Secretary

Enclosures

cc: Well File - Denver  
Well File - Roosevelt  
Patsy Barreau/Denver  
Bob Jewett/Denver  
Donn Murphy/Denver

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

**RECEIVED**

JAN 18 2000

DIVISION OF  
OIL, GAS AND MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WORK

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

1b. TYPE OF WELL

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

2. NAME OF OPERATOR

INLAND RESOURCES INC.

3. ADDRESS AND TELEPHONE NO.

410 17th St. Suite 700 Denver, CO 80202

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

At Surface  
NW/NW 789' FNL & 754' FWL  
At top prod. Interval reported below

RECEIVED

JAN 18 2000

At total depth

14. PERMIT NO.

DIVISION OF  
OIL, GAS AND MINING

12. COUNTY OR PARISH  
DUCHESNE

13. STATE  
UT

15. DATE SPUNDED  
11/7/99

16. DATE T.D. REACHED  
11/16/99

17. DATE COMPL. (Ready to prod.)  
12/7/99

18. ELEVATIONS (OP, RB, RT, GR, ETC.)\*  
5664' KB 5654' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD  
5947'

21. PLUG BACK T.D., MD & TVD  
5913' PBDT

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY  
----->

ROTARY TOOLS  
X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

Green River 5007-5804'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIGI/SP/GR/CAL - CN/CD/GR - CBL

27. WAS WELL CORED

No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8	24#	295'	12-1/4	241 sx Class "G"	
5-1/2	15.5#	6140'	7-7/8	285 sx Premium Lite II	
				391 sx 50/50 POZ	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	EOT @ 5715'	TA @ 5557'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	NUMBER
5007-5010; 5132-5138; 5214-5218'	4 SPF	52 HOLES
5608-18; 5621-33; 5640-46; 5652-62; 5666-86; 5690-5700'	2 SPF	136 HOLES
5794-5800 & 5802-5804'	4 SPF	32 HOLES

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5007-5218'	Spotted 300 gals 15% Hcl acid across perfs
	105,750# 20/40 SD in 692 bbls gelled water
5608-5700'	124,100# 20/40 SD in 637 bbls gelled water
5794-5804'	52,187# 20/40 SD in 370 bbls gelled water

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)					
12/7/99	Pumping - 2.5 x 1.5 x 16' RHAC pump	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
2-day avg 12/99	24		→	56	53	0	946
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
		→					

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

Sold & Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Logs In Item #26

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records - REVISED 1/13/00

SIGNED

*[Signature]*

TITLE

Operations Secretary

DATE

1/13/00

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, core 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	MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch Mkr	3962'					
Garden Gulch 2	4204'					
Point 3 Mkr	4470'					
X Mkr	4727'					
Y Mkr	4760'					
Douglas Creek Mkr	4887'					
BjCarbonate Mkr	5130'					
B Limestone Mkr	5259'					
Castle Peak	5769'					
Basal Carbonate	NDE					
Total Depth	5947'					

South Wells Draw 4-3-9-16



# United States Department of the Interior



## BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

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



## Office of the Secretary of State

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

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

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

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

**Merger**

The operator of the well(s) listed below has changed, effective:		<b>9/1/2004</b>
<b>FROM: (Old Operator):</b> N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	<b>TO: ( New Operator):</b> N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	
<b>CA No.</b>	<b>Unit:</b>	<b>SOUTH WELLS DRAW (GR)</b>

<b>WELL(S)</b>								
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
S WELLS DRAW 15-34-8-16	34	080S	160E	4301331670	13269	Federal	WI	A
CASTLE PEAK 1-3	03	090S	160E	4301330639	13269	Federal	WI	A
S WELLS DRAW 4-3-9-16	03	090S	160E	4301332096	13269	Federal	OW	P
BALCRON MON FED 14-4	04	090S	160E	4301331666	13269	Federal	WI	A
MON FED 13-4-9-16	04	090S	160E	4301331716	13269	Federal	OW	P
CASTLE PEAK 9R	05	090S	160E	4301315787	99998	Federal	NA	PA
MON FED 41-8-9-16	08	090S	160E	4301331619	13269	Federal	WI	A
MON FED 31-8-9-16	08	090S	160E	4301331721	13269	Federal	OW	P
FEDERAL 21-9Y	09	090S	160E	4301331396	13269	Federal	WI	A
MON FED 11-9-9-16	09	090S	160E	4301331618	13269	Federal	OW	P
S WELLS DRAW 9-9-9-16	09	090S	160E	4301332043	13269	Federal	WI	A
S WELLS DRAW 16-9-9-16	09	090S	160E	4301332044	13269	Federal	OW	P
CASTLE PK FED 24-10A	10	090S	160E	4301330555	13269	Federal	OW	P
MON FED 33-10-9-16	10	090S	160E	4301331722	13269	Federal	OW	P
MON FED 43-10-9-16	10	090S	160E	4301331723	13269	Federal	WI	A
S WELLS DRAW 2-10-9-16	10	090S	160E	4301331774	13269	Federal	OW	P
S WELLS DRAW 5-10-9-16	10	090S	160E	4301331811	13269	Federal	WI	A
S WELLS DRAW 6-10-9-16	10	090S	160E	4301332041	13269	Federal	OW	P
S WELLS DRAW 7-10-9-16	10	090S	160E	4301332042	13269	Federal	WI	A
S WELLS DRAW 11-10-9-16	10	090S	160E	4301332045	13269	Federal	WI	A
S WELLS DRAW 12-10-9-16	10	090S	160E	4301332046	13269	Federal	OW	P
S WELLS DRAW 13-10-9-16	10	090S	160E	4301332047	13269	Federal	OW	S

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

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

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

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

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

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

**DATA ENTRY:**

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

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

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

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

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

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

- 1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
- 2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-77338
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> S WELLS DRAW 4-3-9-16
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013320960000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0789 FNL 0754 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 03 Township: 09.0S Range: 16.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE  <b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/22/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 03/21/2012. New perforations added: GB4 4395-4397' and PB10 4650-4653' 3 JSPF. On 03/21/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/22/2012 the casing was pressured up to 1625 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 150 psig during the test. There was a State representative available to witness the test - Chris Jensen.

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

**Date:** April 03, 2012

**By:**

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 3/27/2012	

# Casing or Annulus Pressure Test

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

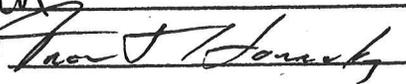
Witness: Chris Jensen Date 3/23/12 Time 10:00  am  pm  
Test Conducted by: Trent Horrocks  
Others Present: Riley Bagley

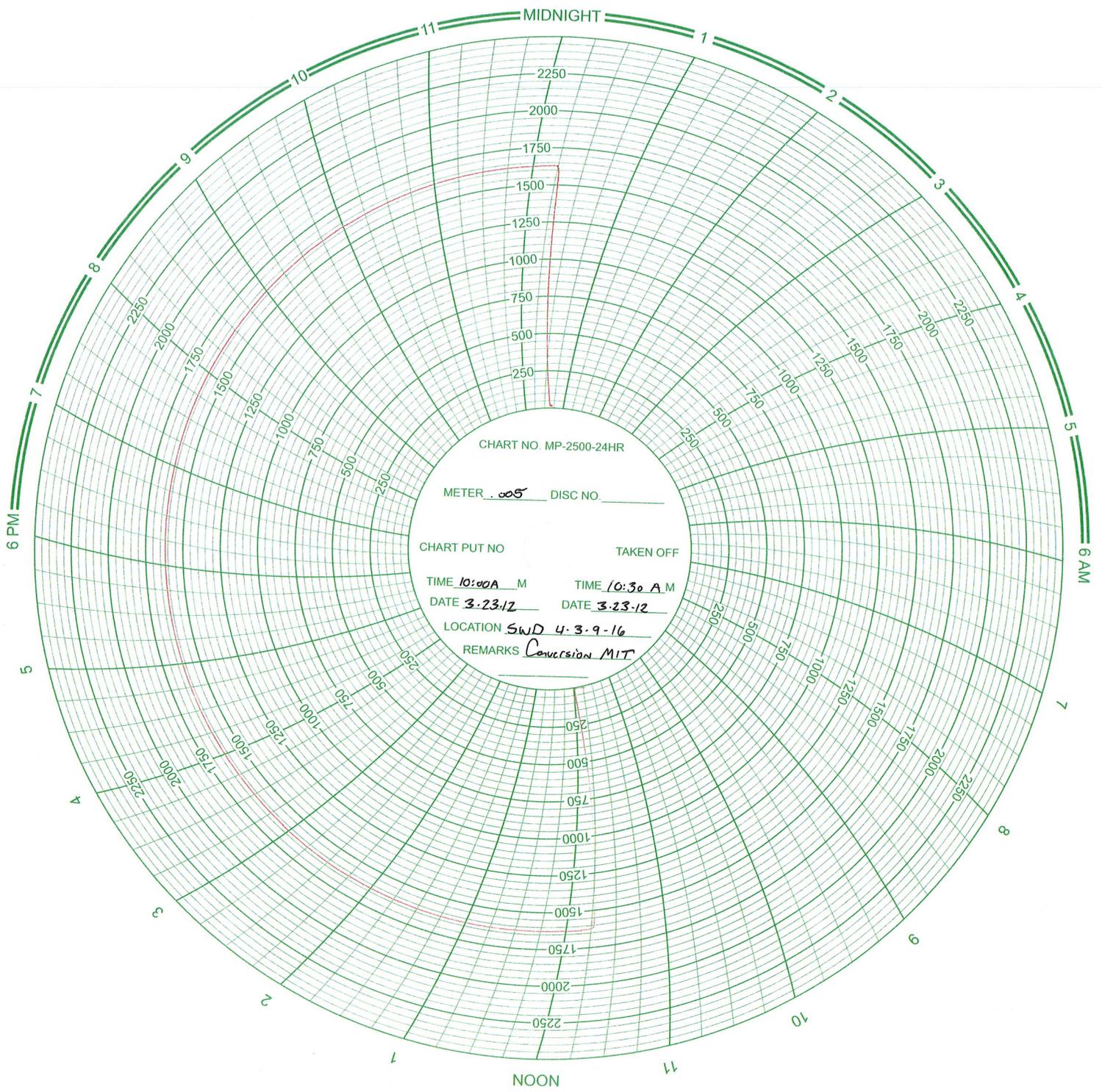
Well: SOUTH WELLS DRAW 4-3-9-16 Field: MON. BUTTE  
Well Location: SWD 4-3-9-16 API No: 43.013-2096  
NE/SW Sec. 3 T9S R16E Duch. Cnty. UT.

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1625</u>	psig
5	<u>1625</u>	psig
10	<u>1625</u>	psig
15	<u>1625</u>	psig
20	<u>1625</u>	psig
25	<u>1625</u>	psig
30 min	<u>1625</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 150 psig

Result: Pass  Pass  Fail

Signature of Witness:   
Signature of Person Conducting Test: 



## Daily Activity Report

Format For Sundry

S WELLS DRW 4-3-9-16

1/1/2012 To 5/30/2012

**3/15/2012 Day: 3**

**Conversion**

NC #1 on 3/15/2012 - MIRU,N/D W/-HD,N/U BOP,R/U R/Flr,Rel T/A,H/O pmp 35 BW D/Tbg,Drop SV,P/Tst Tbg To 3500 Psi,Good Tst.Fish SV.RIH To Fill @ 5824',POOH,L/D 5 Jts Tbg,POOH W/-40 Jts Tbg Redoping Tool Jts W/-Liq O-Ring, C/SDFN. - 1:30PM MIRU NC#1. N/D W/HD,N/U BOP,R/U R/Flr, Rel T/A, R/U H/OilerFlush Tbg W/-35 BW, Drop SV D/Tbg, Fill Tbg W/-32 BW, P/Test Tbg To 3500 Psi, Good Test. R/U S/Line Ovrshot RIH & Fish SV. Wt On Runners Trcking To Show Up W/-10 Jts Tbg, RIH W/-5 Jts Tbg, Tag Solid @ 5824', POOH & L/D 5 Jts Tbg. POOH W/-40 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O-Ring, 7:00PM C/SDFN, 7:00PM-7:30PM C/Trvl. - 1:30PM MIRU NC#1. N/D W/HD,N/U BOP,R/U R/Flr, Rel T/A, R/U H/OilerFlush Tbg W/-35 BW, Drop SV D/Tbg, Fill Tbg W/-32 BW, P/Test Tbg To 3500 Psi, Good Test. R/U S/Line Ovrshot RIH & Fish SV. Wt On Runners Trcking To Show Up W/-10 Jts Tbg, RIH W/-5 Jts Tbg, Tag Solid @ 5824', POOH & L/D 5 Jts Tbg. POOH W/-40 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O-Ring, 7:00PM C/SDFN, 7:00PM-7:30PM C/Trvl.

**Daily Cost:** \$0

**Cumulative Cost:** \$20,280

---

**3/16/2012 Day: 4**

**Conversion**

NC #1 on 3/16/2012 - POOH W/-Remnder Of Prod Tbg. R/U Wireline Run Guge Ring To4720',Perf Zone GB4- PB10,RIH W/-Tandum Tools,Stratle GB 4 Perfs,Fill Tbg,Perfs Would Not Break 5,000 Psi, Max,RIH W/Tools Stratle PB10 Perfs,Perfs Broke @ 3500 Psi, Rel Pkr,SWI,C/SDFN. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, POOH W/-100 Jts Tbg In Derrick Redoping Tool Jts W/- Liq O-Ring, L/D 38 Jts Tbg, 5 1/2 T/A, 1 Jt Tbg, S/N, Gas Anchor, 4 Jts Tbg, Bull Plg. BMW Flush Tbg W/-15 BW On TOOH Due To Oil.( Note ) Jt Count Was Off, 2 More Jts Tbg Below Gas Anchor Than Shown On Tbg Detail On DWR, ( Note ) Making Tbg Tag @ 5887'. R/U Extreme Wireline RIH W/Guage Ring To 4720', RIH W/-Perf Guns, Perf Zone GB4@4395'-4397', Zone PB10 @ 4650'-4653' All 3 SPF. POOH & R/D Wireline. Back In Tbg Float. P/U & Tally I/Hle W/- 5 1/2" T-S Plg, Ret HD,2 3/8X4' N-80 Tbg Sub, 5 1/2" HD Pkr, S/N, 142 Jts Tbg,Set Plg @ 4440',POOH W/-3 Jts Tbg, Set Pkr @ 4354', R/U H/Oiler Fill Tbg W/-13 BW, GB4 Perfs Would Not Break Down 5,000 Psi Max. Rel Pkr & Plg, RIH W/-8 Jts Tbg, Set Plg @ 4700', POOH W/-3 Jts Tbg, Set Pkr@ 4612', R/U H/Oiler, Fill Tbg W/-14 BW ,PB10 Perfs Broke @ 3500 Psi, pmp 10 BW Into Perfs @ 1175 Psi, Rel Pkr, SWI, 6:00pm c/sdfn, 6:00pm-6:30pm C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, POOH W/-100 Jts Tbg In Derrick Redoping Tool Jts W/- Liq O-Ring, L/D 38 Jts Tbg, 5 1/2 T/A, 1 Jt Tbg, S/N, Gas Anchor, 4 Jts Tbg, Bull Plg. BMW Flush Tbg W/-15 BW On TOOH Due To Oil.( Note ) Jt Count Was Off, 2 More Jts Tbg Below Gas Anchor Than Shown On Tbg Detail On DWR, ( Note ) Making Tbg Tag @ 5887'. R/U Extreme Wireline RIH W/Guage Ring To 4720', RIH W/-Perf Guns, Perf Zone GB4@4395'-4397', Zone PB10 @ 4650'-4653' All 3 SPF. POOH & R/D Wireline. Back In Tbg Float. P/U & Tally I/Hle W/- 5 1/2" T-S Plg, Ret HD,2 3/8X4' N-80 Tbg Sub, 5 1/2" HD Pkr, S/N, 142 Jts Tbg,Set Plg @ 4440',POOH W/-3 Jts Tbg, Set Pkr @ 4354', R/U H/Oiler Fill Tbg W/-13 BW, GB4 Perfs Would Not Break Down 5,000 Psi Max. Rel Pkr & Plg, RIH W/-8 Jts Tbg, Set Plg @ 4700', POOH W/-3 Jts Tbg, Set Pkr@ 4612', R/U H/Oiler, Fill Tbg W/-14 BW ,PB10 Perfs Broke @ 3500 Psi, pmp 10 BW Into Perfs @ 1175 Psi, Rel Pkr, SWI, 6:00pm c/sdfn, 6:00pm-6:30pm C/Trvl.

**Daily Cost:** \$0

**Cumulative Cost:** \$30,712

**3/19/2012 Day: 5**

**Conversion**

NC #1 on 3/19/2012 - RU Baker Hughes ser. Pressure test pump and lines. Frac Stage #1. RIH release packer and plug. POOH w/tbg set plug and paker for stage #2 . Frac Stage #2, Rel Pkr & Plg, Curc Well Cln, Strt POOH L/D N-80 Frac Strng, C/SDFN. - Safety meeting with Baker Hughes, weatherford and rig crew, Discussion on Slippey and trip pinch points. PPE and the right to stop work for any safety reasons and PPE. RU Start Pump down casing w/13 bbl fluid fill back side. Close pipe rams pressure up to 500 psi. Good test. Shut in casing valve. RU Baker Hughes pump line and pressure test to 7,200 psi. Good test. Release pressure. Open well head 18 psi. Start pumping breakdown pressure @ 2,200 psi @ 7 bbl/min, EST rate start pad @ 15, bbl/min @ 4,331 psi. Start 20/40 sand @ 1.5 ppg 20/40 rate @ 15.6 bbl/min @ 4,440 psi. Start 3 ppg @ 15.8 bbl/min @ 4453 psi. Start flush @ 15.8 BBL/min @ 4519 psi. ISIP 2.380 psi 5 min 2,217 10 min 2,138 15 min 2,065. shut well in. RD Baker Hughes pump lines. RU to the tbg and flow well back to the pit. Pump down casing to clean up frac sand. Shut down, TIH W/3 jts tag plug, wash down to plug. Release bright plug. POOH w/8 jnt tbg and set weatherford bright plug set Plug @4,440'. POOH w/6 jts tbg set paker @ 4,393. Close pipe rams and pressure up to 500 psi. (Total flow back after frac 76 bbls) - - RU Baker Hughes pump line pressue test to 7,200 psi. Good test, release pressure. Open well pressure zero pressure. Start pumping breakdown pressure @ 5,719 @ 3,5 bbl/min, est rate and pressure @ @ 12.7 bbl/min. Start pad @ 14 bbl/min @ 5,066 psi. Start 1.5 ppg sand @ 15.7 bbl/min @ 4863. Start 3 ppg sand @15.1 bbl/min @ 4,481. Start 4 ppg sand @ 15.2 bbl/mi @ 4,587 psi. Pump Flush @ 15.3 bbl/min @ 4650. Shut down. ISIP 2,135 psi, 5 min 1,889 psi. 10 min 1,791 psi. 15 min 1,723 psi. RDMO Baker Hughes pumping ser. - OWU To Flow Back. Flowed 58 BW, Rel Pkr, Curc Cln, RIH To Plg, Curc Cln, Rel Plg, POOH L/D 123 Jts N-80 Tbg, SWI, 6:00PM-6:30PM C/Trvl. - - Safety meeting with Baker Hughes, weatherford and rig crew, Discussion on Slippey and trip pinch points. PPE and the right to stop work for any safety reasons and PPE. RU Start Pump down casing w/13 bbl fluid fill back side. Close pipe rams pressure up to 500 psi. Good test. Shut in casing valve. RU Baker Hughes pump line and pressure test to 7,200 psi. Good test. Release pressure. Open well head 18 psi. Start pumping breakdown pressure @ 2,200 psi @ 7 bbl/min, EST rate start pad @ 15, bbl/min @ 4,331 psi. Start 20/40 sand @ 1.5 ppg 20/40 rate @ 15.6 bbl/min @ 4,440 psi. Start 3 ppg @ 15.8 bbl/min @ 4453 psi. Start flush @ 15.8 BBL/min @ 4519 psi. ISIP 2.380 psi 5 min 2,217 10 min 2,138 15 min 2,065. shut well in. RD Baker Hughes pump lines. RU to the tbg and flow well back to the pit. Pump down casing to clean up frac sand. Shut down, TIH W/3 jts tag plug, wash down to plug. Release bright plug. POOH w/8 jnt tbg and set weatherford bright plug set Plug @4,440'. POOH w/6 jts tbg set paker @ 4,393. Close pipe rams and pressure up to 500 psi. (Total flow back after frac 76 bbls) - RU Baker Hughes pump line pressue test to 7,200 psi. Good test, release pressure. Open well pressure zero pressure. Start pumping breakdown pressure @ 5,719 @ 3,5 bbl/min, est rate and pressure @ @ 12.7 bbl/min. Start pad @ 14 bbl/min @ 5,066 psi. Start 1.5 ppg sand @ 15.7 bbl/min @ 4863. Start 3 ppg sand @15.1 bbl/min @ 4,481. Start 4 ppg sand @ 15.2 bbl/mi @ 4,587 psi. Pump Flush @ 15.3 bbl/min @ 4650. Shut down. ISIP 2,135 psi, 5 min 1,889 psi. 10 min 1,791 psi. 15 min 1,723 psi. RDMO Baker Hughes pumping ser. - OWU To Flow Back. Flowed 58 BW, Rel Pkr, Curc Cln, RIH To Plg, Curc Cln, Rel Plg, POOH L/D 123 Jts N-80 Tbg, SWI, 6:00PM-6:30PM C/Trvl.

**Daily Cost:** \$0

**Cumulative Cost:** \$73,327

**3/20/2012 Day: 6**

**Conversion**

NC #1 on 3/20/2012 - POOH W/Remnder N-80 Tbg, Pkr, Plg. RIH W/-Pkr, S/N, Tbg Prod, pmp Pad D/Tbg, Drop SV, P/Tst Tbg To 3,000 Psi, Good Tst. Fish SV, N/D BOP, pmp 70 BW Pkr Fluid D/Csg, Set Pkr, N/U W/-HD, P/Tst Csg & Pkr To 1500 Psi, Csg Flange Was Leaking, C/SDFN. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, POOH W/-23 Jts Tbg, Pkr & Plg. P/U & RIH W/-5 1/2" Arrow #1 Pkr, S/N, 138 Jts Tbg, 2 7/8X10.20 N-80 Tbg Sub, 1 Jt Tbg, R/U BMW H/Oiler, Flush Tbg W/-30 BW, Drop SV D/Tbg, pmp SV To S/N W/-20 BW, P/Test Tbg To 3,000 Psi, Held

Good 1 Hr. Fish SV. R/D Flr, N/D BOP, N/U W/-HD, pmp 70 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD, Set Pkr In 15,000 Tension N/U W/-HD. P/Test Csg & Pkr To 1,500 Psi, ( Note ) Csg Flange Was Leaking, 7:00PM C/SDFN, 7:00PM-7:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, POOH W/-23 Jts Tbg, Pkr & Plg. P/U & RIH W/-5 1/2" Arrow #1 Pkr, S/N, 138 Jts Tbg, 2 7/8X10.20 N-80 Tbg Sub, 1 Jt Tbg, R/U BMW H/Oiler, Flush Tbg W/-30 BW, Drop SV D/Tbg, pmp SV To S/N W/-20 BW, P/Test Tbg To 3,000 Psi, Held Good 1 Hr. Fish SV. R/D Flr, N/D BOP, N/U W/-HD, pmp 70 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD, Set Pkr In 15,000 Tension N/U W/-HD. P/Test Csg & Pkr To 1,500 Psi, ( Note ) Csg Flange Was Leaking, 7:00PM C/SDFN, 7:00PM-7:30PM C/Trvl.

**Daily Cost:** \$0

**Cumulative Cost:** \$81,112

---

**3/21/2012 Day: 7**

**Conversion**

NC #1 on 3/21/2012 - N/D W/-HD & Csg Flnge,Redope Csg Flnge,Retorq Flnge, N/U W/-HD. P/Tst Csg & Pkr To 1500 Psi,Good Tst.R/D Rig,Move Out, Well Ready For MIT (Final Report ). - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, N/D W/-HD, Break Csg Flange, Redope Csg Flange & Nipple W/-Liq O-Ring, Retorq Flange. N/U W/-HD, P/Test Csg & Pkr To 1,500 Psi, Good Test. R/D Rig @11:30AM , Move Out. Well Ready For MIT ( Final Rig Report ). - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, N/D W/-HD, Break Csg Flange, Redope Csg Flange & Nipple W/-Liq O-Ring, Retorq Flange. N/U W/-HD, P/Test Csg & Pkr To 1,500 Psi, Good Test. R/D Rig @11:30AM , Move Out. Well Ready For MIT ( Final Rig Report ).

**Daily Cost:** \$0

**Cumulative Cost:** \$90,740

---

**3/26/2012 Day: 8**

**Conversion**

Rigless on 3/26/2012 - Conduct initial MIT - On 03/21/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/23/2012 the casing was pressured up to 1625 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 150 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 03/21/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/23/2012 the casing was pressured up to 1625 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 150 psig during the test. There was a State representative available to witness the test - Chris Jensen. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$168,060

---

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
<b>1. TYPE OF WELL</b> Water Injection Well	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-77338
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>PHONE NUMBER:</b> 435 646-4825 Ext	<b>8. WELL NAME and NUMBER:</b> S WELLS DRAW 4-3-9-16
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0789 FNL 0754 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 03 Township: 09.0S Range: 16.0E Meridian: S	<b>9. API NUMBER:</b> 43013320960000
	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
	<b>COUNTY:</b> DUCHESNE
	<b>STATE:</b> UTAH

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

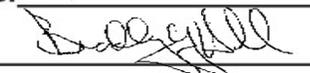
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/17/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="PUT ON INJECTION"/>

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

The above reference well was put on injection at 2:45 PM on 04/17/2012.

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

Date: May 03, 2012

By: 

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/18/2012	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-77338
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Water Injection Well	<b>8. WELL NAME and NUMBER:</b> S WELLS DRAW 4-3-9-16
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013320960000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0789 FNL 0754 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 03 Township: 09.0S Range: 16.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE  <b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/23/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input checked="" type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="MIT"/>

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

The above subject well had workover procedures performed (tubing leak), attached is a daily status report. On 08/22/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 08/23/2012 the csg was pressured up to 1300 psig and charted for 30 minute with no pressure loss. The well was not injecting during the test. The tbp pressure was 700 psig during the test. There was a State representative available to witness the test - Chris Jensen.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 September 25, 2012

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/21/2012	

# Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: Chris Jensen Date 8/23/2012 Time 10:00 (am) pm  
Test Conducted by: Troy Lazenby  
Others Present: \_\_\_\_\_

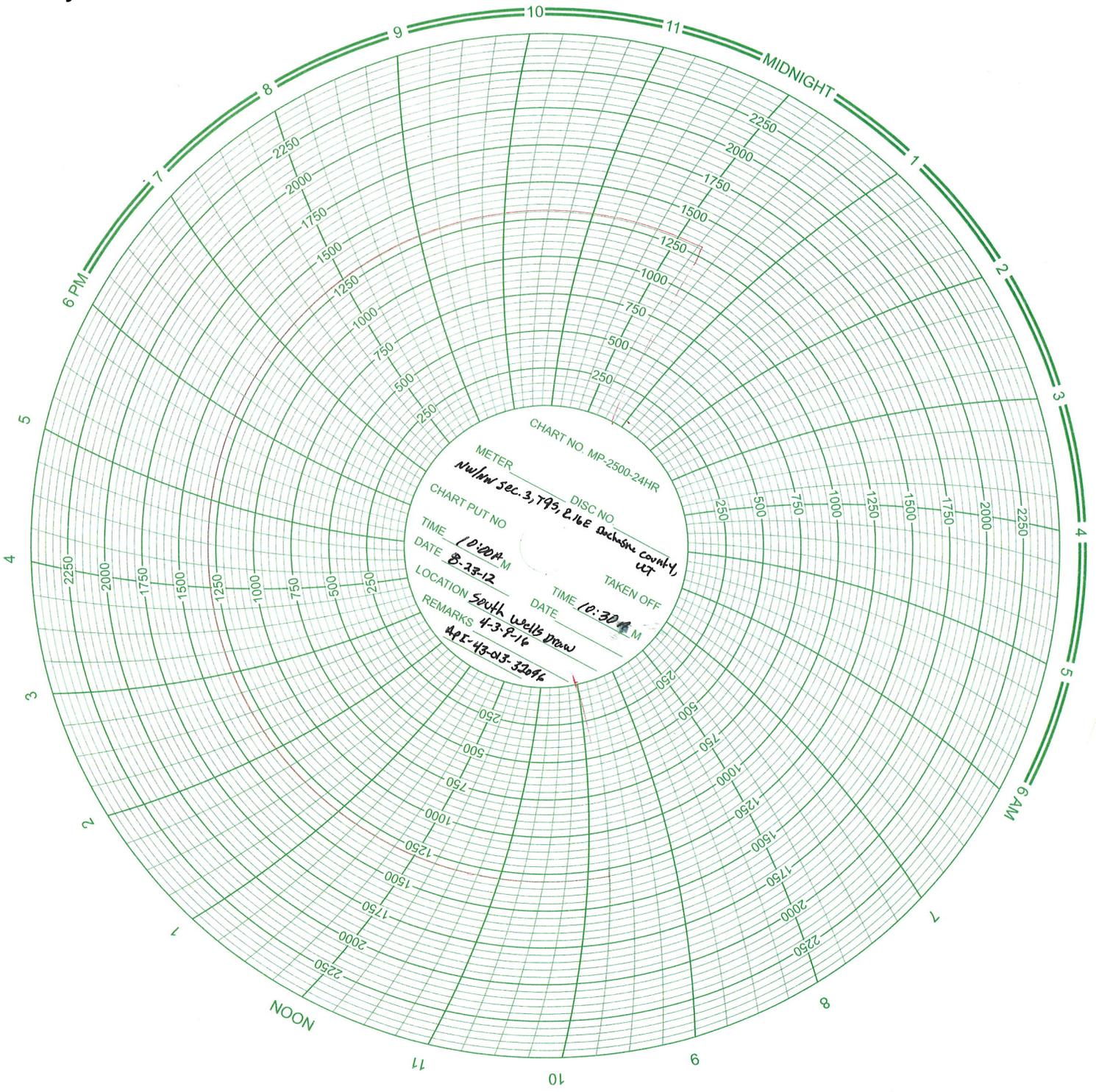
Well: <u>South wells draw 4-3-9-16</u>	Field: <u>South wells draw</u>
Well Location: <u>NW/ NW Sec. 3, T9S, R16E</u> <u>Duchesne County, Utah.</u>	API No: <u>43-013-32096</u> <u>U-77338</u> <u>UTV87538X</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1300</u>	psig
5	<u>1300</u>	psig
10	<u>1300</u>	psig
15	<u>1300</u>	psig
20	<u>1300</u>	psig
25	<u>1300</u>	psig
30 min	<u>1300</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 700 psig

Result: Pass Fail

Signature of Witness: Chris Jensen  
Signature of Person Conducting Test: Troy Lazenby





Assembly, & TIH, Drop S/Vlve, Fill W/ 20BW, Psr Tst To 3000psi, B/Off To 2900psi, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl. - 5:30AM-6:00AM C/Tvl, Rig Up NC#3, N/D W/H-D, N/U BOPs, R/U R/Flr, R/U Tbg Eqp, Pmp 30BW @ 250\*, Drp S/Vlve, Fill W/ 25BW, Psr Tst Tbg To 3500, B/Off To 3200psi & Held For 30Min, R/U S/Lne W/ Fishing Tool, P/U & RIH, Fish S/Vlve, TOOH W/ Tbg, L/D Pkr, Could Not See Any Damage To Pkr, P/U New Weatherford 5 1/2 Arrow Set Pkr Assembly, & TIH, Drop S/Vlve, Fill W/ 20BW, Psr Tst To 3000psi, B/Off To 2900psi, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl.

**Daily Cost:** \$0

**Cumulative Cost:** \$11,178

---

**8/21/2012 Day: 3**

**Conversion**

NC #3 on 8/21/2012 - Psr Tst Tbg, N/D BOPs, Pmp Pkr Fluid, Set Pkr, Try To Tst Csg. - 5:30AM-6:00AM C/Tvl, OWU, Tbg Psr @ 2600psi, R/U H/Oiler, Bump Psr Back Up To 3000psi, Gained 100psi In One Hour to 3100psi, Good Tst, R/U S/Line W/ Fishing Tool & Fish S/Vlve, P/U 6' Tbg Sub, R/D Tbg Eqp, R/D R/Flr, N/D BOPs, N/U W/H-D, Pmp 75BW W/ Pkr Fluid, N/D W/H-D, Set Pkr In 15K Tension, L/D 6' Tbg Sub, N/U W/H-D W/ Injection Tree, Psr Csg Up To 1500psi, B/Off 10psi Every 15min, Bumped Back Up to 1600psi, 6:00PM SWI, 6:00PM-6:30PM C/Tvl - 5:30AM-6:00AM C/Tvl, OWU, Tbg Psr @ 2600psi, R/U H/Oiler, Bump Psr Back Up To 3000psi, Gained 100psi In One Hour to 3100psi, Good Tst, R/U S/Line W/ Fishing Tool & Fish S/Vlve, P/U 6' Tbg Sub, R/D Tbg Eqp, R/D R/Flr, N/D BOPs, N/U W/H-D, Pmp 75BW W/ Pkr Fluid, N/D W/H-D, Set Pkr In 15K Tension, L/D 6' Tbg Sub, N/U W/H-D W/ Injection Tree, Psr Csg Up To 1500psi, B/Off 10psi Every 15min, Bumped Back Up to 1600psi, 6:00PM SWI, 6:00PM-6:30PM C/Tvl - 5:30AM-6:00AM C/Tvl, OWU, Tbg Psr @ 2600psi, R/U H/Oiler, Bump Psr Back Up To 3000psi, Gained 100psi In One Hour to 3100psi, Good Tst, R/U S/Line W/ Fishing Tool & Fish S/Vlve, P/U 6' Tbg Sub, R/D Tbg Eqp, R/D R/Flr, N/D BOPs, N/U W/H-D, Pmp 75BW W/ Pkr Fluid, N/D W/H-D, Set Pkr In 15K Tension, L/D 6' Tbg Sub, N/U W/H-D W/ Injection Tree, Psr Csg Up To 1500psi, B/Off 10psi Every 15min, Bumped Back Up to 1600psi, 6:00PM SWI, 6:00PM-6:30PM C/Tvl - 5:30AM-6:00AM C/Tvl, OWU, Tbg Psr @ 2600psi, R/U H/Oiler, Bump Psr Back Up To 3000psi, Gained 100psi In One Hour to 3100psi, Good Tst, R/U S/Line W/ Fishing Tool & Fish S/Vlve, P/U 6' Tbg Sub, R/D Tbg Eqp, R/D R/Flr, N/D BOPs, N/U W/H-D, Pmp 75BW W/ Pkr Fluid, N/D W/H-D, Set Pkr In 15K Tension, L/D 6' Tbg Sub, N/U W/H-D W/ Injection Tree, Psr Csg Up To 1500psi, B/Off 10psi Every 15min, Bumped Back Up to 1600psi, 6:00PM SWI, 6:00PM-6:30PM C/Tvl **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$25,658

---

**8/22/2012 Day: 4**

**Tubing Leak**

NC #3 on 8/22/2012 - Psr Tst Csg, R/D & M/O NC#3 - 5:30AM-6:00AM C/Tvl, Csg Psr @ 1460psi, Psr Held For One Hour, Good Test. R/D & M/O NC#3@ 9:00AM. Ready For MIT (Final Report) - 5:30AM-6:00AM C/Tvl, Csg Psr @ 1460psi, Psr Held For One Hour, Good Test. R/D & M/O NC#3@ 9:00AM. Ready For MIT (Final Report) - 5:30AM-6:00AM C/Tvl, Csg Psr @ 1460psi, Psr Held For One Hour, Good Test. R/D & M/O NC#3@ 9:00AM. Ready For MIT (Final Report) - 5:30AM-6:00AM C/Tvl, Csg Psr @ 1460psi, Psr Held For One Hour, Good Test. R/D & M/O NC#3@ 9:00AM. Ready For MIT (Final Report)

**Daily Cost:** \$0

**Cumulative Cost:** \$28,293

---

**9/20/2012 Day: 5**

**Tubing Leak**

Rigless on 9/20/2012 - Conduct an MIT - On 08/22/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 08/23/2012 the csg was

pressured up to 1300 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 700 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 08/22/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 08/23/2012 the csg was pressured up to 1300 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 700 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 08/22/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 08/23/2012 the csg was pressured up to 1300 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 700 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 08/22/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 08/23/2012 the csg was pressured up to 1300 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 700 psig during the test. There was a State representative available to witness the test - Chris Jensen. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$29,193

---

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



January 4, 2011

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  
South Wells Draw #4-3-9-16  
Monument Butte Field, Lease #UTU-77338  
Section 3-Township 9S-Range 16E  
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the South Wells Draw #4-3-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

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

Sincerely,

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

Eric Sundberg  
Regulatory Lead

**RECEIVED**  
**JAN 11 2011**  
**DIV. OF OIL, GAS & MINING**

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**SOUTH WELLS DRAW #4-3-9-16**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-77338**  
**JANUARY 4, 2011**

## TABLE OF CONTENTS

LETTER OF INTENT	
COVER PAGE	
TABLE OF CONTENTS	
UIC FORM 1 – APPLICATION FOR INJECTION WELL	
WELLBORE DIAGRAM OF PROPOSED INJECTION	
WORK PROCEDURE FOR INJECTION CONVERSION	
COMPLETED RULE R615-5-1 QUESTIONNAIRE	
COMPLETED RULE R615-5-2 QUESTIONNAIRE	
ATTACHMENT A	ONE-HALF MILE RADIUS MAP
ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – SOUTH WELLS DRAW #4-3-9-16
ATTACHMENT E-1	WELLBORE DIAGRAM – SOUTH WELLS DRAW FEDERAL #2-3-9-16
ATTACHMENT E-2	WELLBORE DIAGRAM – SOUTH WELLS DRAW #5-3-9-16
ATTACHMENT E-3	WELLBORE DIAGRAM – SOUTH WELLS DRAW #6-3-9-16
ATTACHMENT E-4	WELLBORE DIAGRAM – SOUTH WELLS DRAW #12-3-9-16
ATTACHMENT E-5	WELLBORE DIAGRAM – SOUTH WELLS DRAW #B-4-9-16
ATTACHMENT E-6	WELLBORE DIAGRAM – WELLS DRAW FEDERAL #S-33-8-16
ATTACHMENT E-7	WELLBORE DIAGRAM – WELLS DRAW FEDERAL #1-4-9-16
ATTACHMENT E-8	WELLBORE DIAGRAM – WELLS DRAW #P-34-8-16
ATTACHMENT E-9	WELLBORE DIAGRAM – WELLS DRAW #14A-34-8-16
ATTACHMENT E-10	WELLBORE DIAGRAM – WELLS DRAW #I-4-9-16
ATTACHMENT E-11	WELLBORE DIAGRAM – FEDERAL #44-33B-8-16
ATTACHMENT E-12	WELLBORE DIAGRAM – FEDERAL #31-4G-9-16
ATTACHMENT E-13	WELLBORE DIAGRAM – FEDERAL #42-4-9-16
ATTACHMENT E-14	WELLBORE DIAGRAM – FEDERAL #14-34B-8-16
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED – 11/30/99 – 12/8/99
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

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

Well Name and number: South Wells Draw #4-3-9-16  
Field or Unit name: Monument Butte (Green River) Lease No. UTU-77338  
Well Location: QQ NWNW section 3 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? ..... Yes  No   
Will the proposed well be used for:           Enhanced Recovery? ..... Yes  No   
  Disposal? ..... Yes  No   
  Storage? ..... Yes  No   
Is this application for a new well to be drilled? ..... Yes  No   
If this application is for an existing well,  
has a casing test been performed on the well? ..... Yes  No   
Date of test: \_\_\_\_\_  
API number: 43-013-32096

Proposed injection interval:       from 4204 to 5913  
Proposed maximum injection:   rate 500 bpd pressure 2152 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: Eric Sundberg Signature   
Title Regulatory Lead Date 1/5/10  
Phone No. (303) 893-0102

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

Comments:

# South Wells Draw #4-3

Initial Production: 56 BOPD, 53 MCFD  
0 BWPD

Spud Date: 11/07/99  
Put on Production: 12/07/99  
GL: 5654' KB: 5667'

## Proposed Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (328.29')  
DEPTH LANDED: 325.99'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 141 sx Class "G" plus additives; followed by 100 sx Class "G" cmt.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55 and N-80  
WEIGHT: 15.5# and 17#  
LENGTH: 142 jts (5939.10')  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 285 sxs PremLite II; followed by 391 sx 50/50 Pozmix plus additives.  
SET AT: 5934.80'  
CEMENT TOP: 1000'

### TUBING

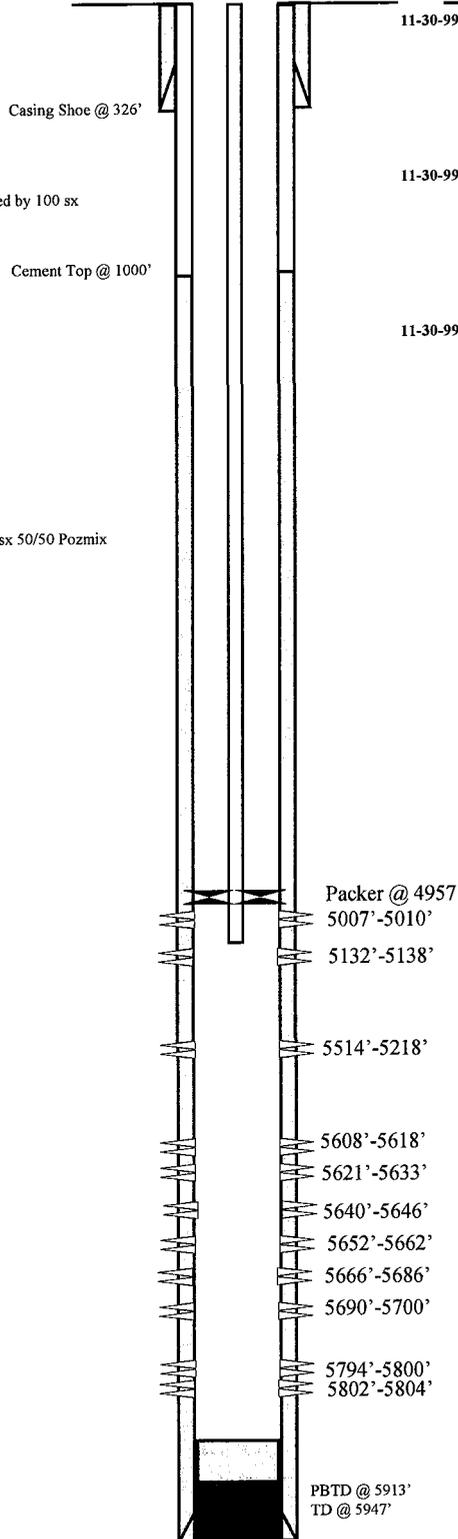
SIZE/GRADE/WT: 2-7/8", 6.5#, M-50  
NO. OF JOINTS: 182 jts  
TUBING ANCHOR: 5557'  
SEATING NIPPLE: 2-3/8" x 1.10'  
TOTAL STRING LENGTH: 5715.07'  
SN LANDED AT: 5591'

### FRAC JOB

**11-30-99 5794-5804'** **Frac CP sand as follows:**  
52,187# 20/40 sand in 370 bbls Viking fluid. Breakdown @ 2736 psi. Treated w/avg press of 1730 psi w/avg rate of 25.9 BPM. ISIP-2190 psi, 5 min 2130 psi. Left pressure on well.

**11-30-99 5608'-5700'** **Frac LDC sand as follows:**  
124,100# 20/40 sand in 637 bbls Viking fluid. Perfs broke down @ 3611 psi. Treated w/avg press of 2000 psi w/avg rate of 35.8 BPM. ISIP-2770 psi, 5 min 2620 psi. Left pressure on well.

**11-30-99 5007'-5218'** **Frac D/Bi-Carb/B sand as follows:**  
Unable to break down perfs. 105,750# 20/40 sand in 692 bbls Viking fluid. Perfs broke down @ 4400 psi. Treated w/avg press of 2415 psi w/avg rate of 34.7 BPM. ISIP-2280 psi, 5 min 2135 psi. Flow back on 12/64" ck for 3 hrs & died. Recovered 165 BTF.



### PERFORATION RECORD

Date	Depth Range	Perforation Type	Holes
11-30-99	5794'-5800'	4 JSPF	24 holes
11-30-99	5802'-5804'	4 JSPF	8 holes
11-30-99	5608'-5618'	2 JSPF	20 holes
11-30-99	5621'-5633'	2 JSPF	24 holes
11-30-99	5640'-5646'	2 JSPF	12 holes
11-30-99	5652'-5662'	2 JSPF	20 holes
11-30-99	5666'-5686'	2 JSPF	40 holes
11-30-99	5690'-5700'	2 JSPF	20 holes
11-30-99	5007'-5010'	4 JSPF	12 holes
11-30-99	5132'-5138'	4 JSPF	24 holes
11-30-99	5214'-5218'	4 JSPF	16 holes



**South Wells Draw #4-3**  
789' FNL and 754' FWL  
NWNW Section 3-T9S-R16E  
Duchesne Co, Utah  
API #43-013-32096 Lease #UTU-77338

## WORK PROCEDURE FOR INJECTION CONVERSION

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

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

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**

2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

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

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

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

See Attachment A.

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

Approval is requested to convert the South Wells Draw #4-3-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

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

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

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

The injection zone is in the Green River Formation. For the South Wells Draw #4-3-9-16 well, the proposed injection zone is from Garden Gulch to Castle Peak (4204' - 5913'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3874' and the TD is at 5947'.

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

The referenced log for the South Wells Draw #4-3-9-16 is on file with the Utah Division of Oil, Gas and Mining.

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

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

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

See Attachment B.

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

See Attachment C.

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

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

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

This proposed injection well is on a Federal lease (Lease #UTU-77338) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

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

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

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

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

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

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

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

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

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

The casing program is 8-5/8", 24# surface casing run to 326' KB, and 5-1/2", 15.5# casing run from surface to 5935' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

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

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

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

See Attachment F.

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

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2152 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 South Wells Draw #4-3-9-16, for existing perforations (5007' - 5804') calculates at 0.81 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 2152 psig. We may add additional perforations between 3874' and 5947'. 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 South Wells Draw #4-3-9-16, the proposed injection zone (4204' - 5913') is in the Garden Gulch to the Castle Peak of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

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

See Attachments E through E-14.

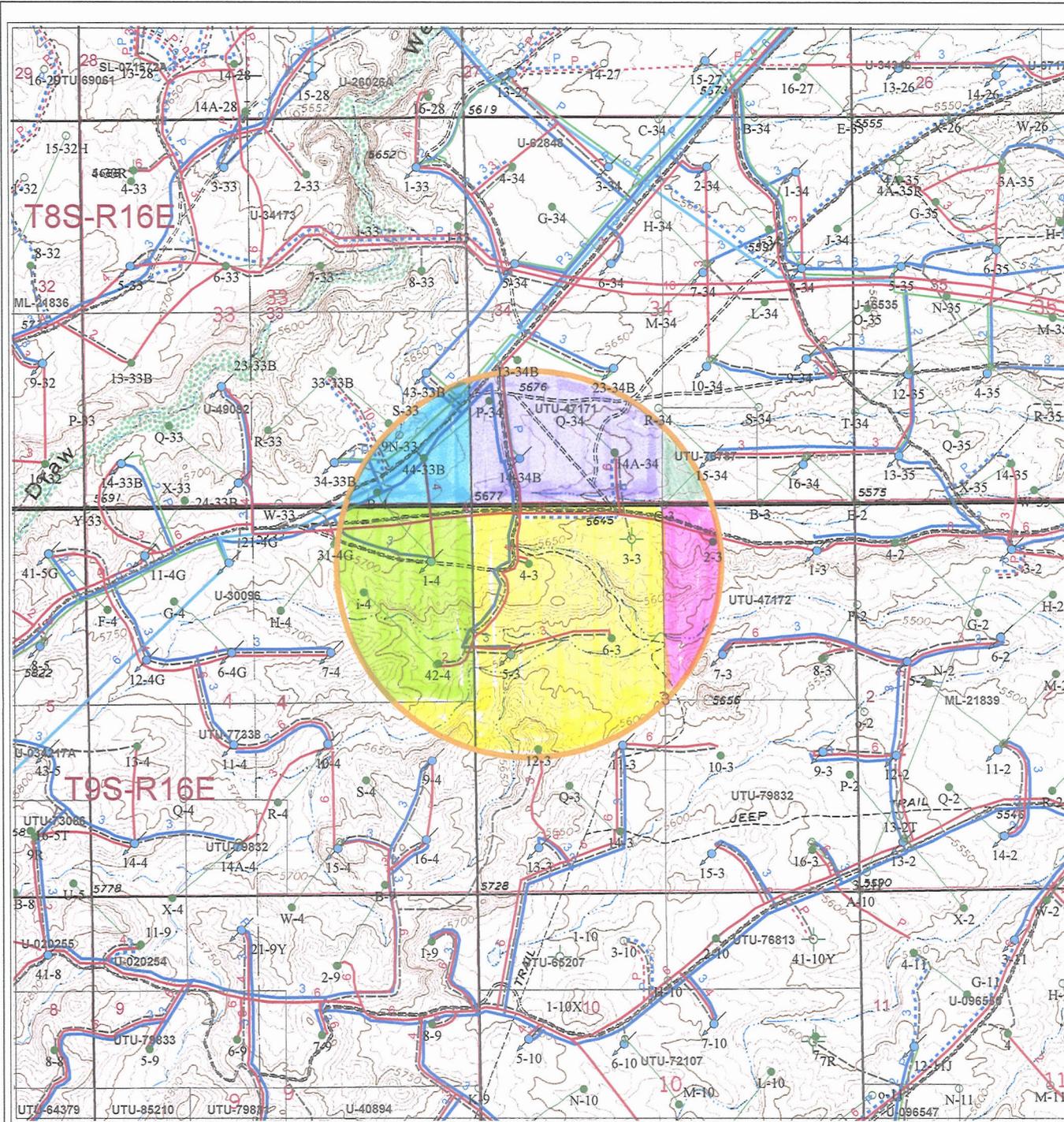
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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



4-3-9-16 1/2mile radius

Well Status

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

Injection system

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

Leases

Mining tracts

Gas Pipelines

- Gathering lines
- ⋯ Proposed lines

- UTU - 77738
- UTU - 30096
- UTU - 49092
- UTU - 47171
- UTU - 47172
- UTU - 76787

S Wells Draws 4-3  
Section 3, T9S-R16E

**NEWFIELD**

ROCKY MOUNTAINS

1" = 2000'

1/2 Mile Radius Map  
Duchesne & Uintah Counties

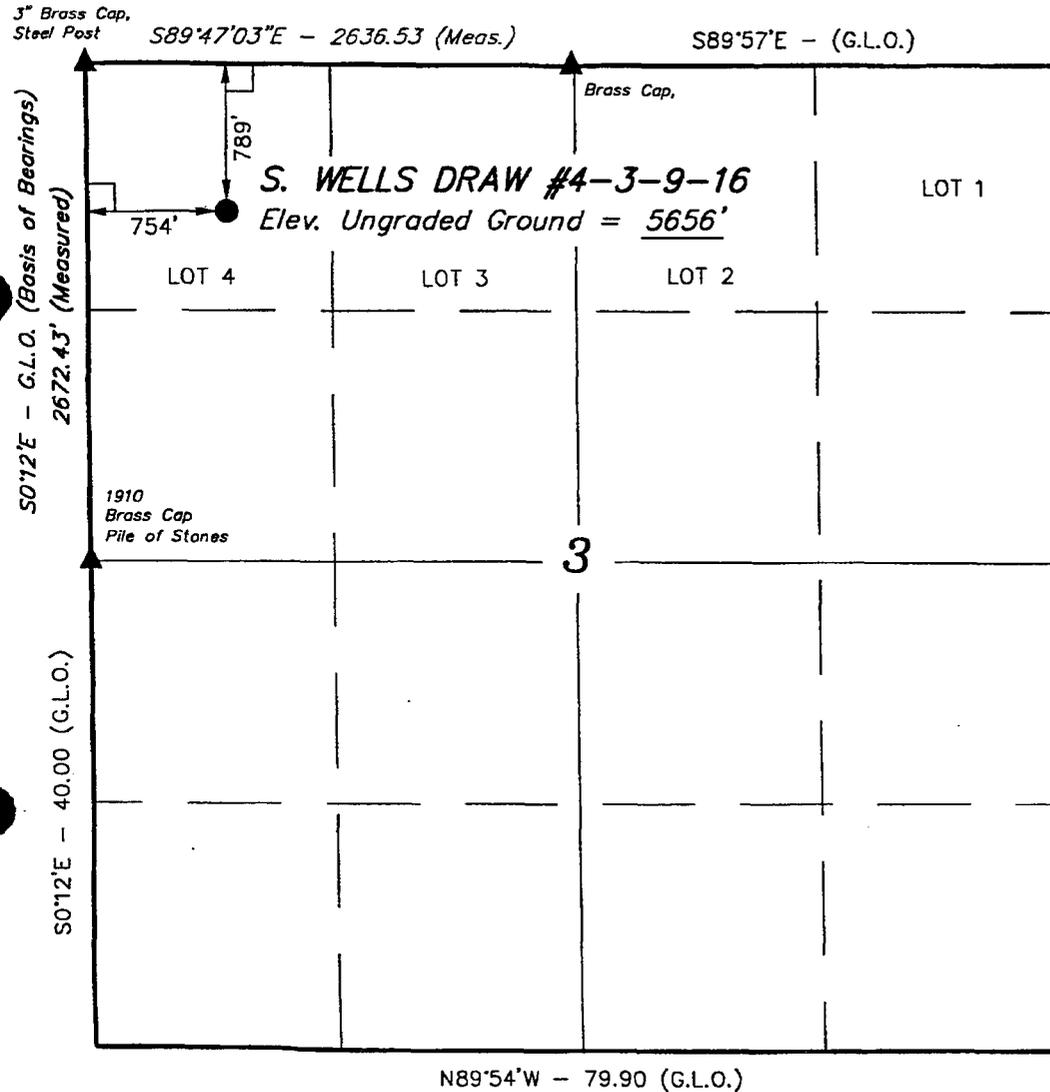
1001 17th Street Suite 2000  
Denver, Colorado 80202  
Phone: (303) 893-0102

October 5, 2010

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

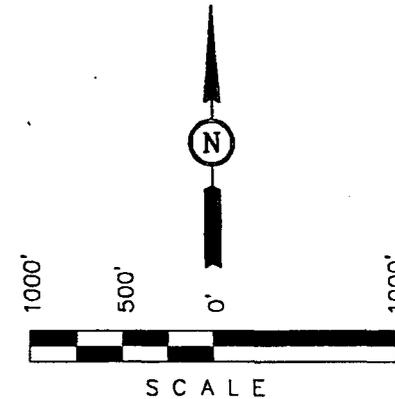
### INLAND PRODUCTION CO.

Well location, S. WELLS DRAW #4-3-9-16, located as shown in the NW 1/4 NW 1/4 of Section 3, T9S, R16E, S.L.B.&M., Duchesne County, Utah.



#### BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 3, T9S, R16E, S.L.B.&M. TAKEN FROM THE MYTON SW QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5677 FEET.



#### CERTIFICATE

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

*[Signature]*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

REVISED: 7-17-98 D.COX

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

#### LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

SCALE 1" = 1000'	DATE SURVEYED: 9-25-97	DATE DRAWN: 9-26-97
PARTY B.B. D.R. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE INLAND PRODUCTION CO.	

## EXHIBIT B

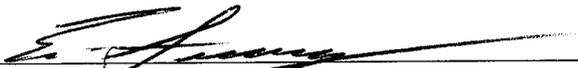
#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	<u>T9S,R16E SLM</u> Section 3: Lots 3-4 (N2NW), S2NW, SW Section 4: SE, NESW	USA UTU-77338 HBP	Newfield Production Company Newfield RMI LLC	USA
2	<u>T9S,R16E SLM</u> Section 4: Lots 1-4 (N2N2), S2N2 Section 5: Lots 1-3 (N2NE, NENW), S2NE, SE, SENW, NESW	USA UTU-30096 HBP	Newfield Production Company Newfield RMI LLC	USA
3	<u>T8S,R16E SLM</u> Section 33: S2	USA UTU-49092 HBP	Newfield Production Company Newfield RMI LLC	USA
4	<u>T8S,R16E SLM</u> Section 34: SW	USA UTU-47171 HBP	Newfield Production Company Newfield RMI LLC Chorney Oil Co. Loex Properties 1984	USA
5	<u>T9S,R16E SLM</u> Section 3: Lots 1-2 (N2NE), S2NE	USA UTU-47172 HBP	Newfield RMI LLC	USA
6	<u>T8S,R16E SLM</u> Section 34: SWSE	USA UTU-76787 HBP	Newfield Production Company Newfield RMI LLC James Fischgrund	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
South Wells Draw #4-3-9-16

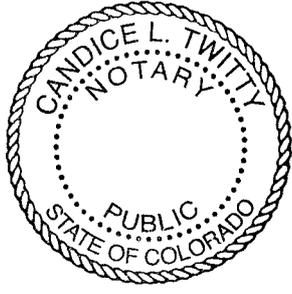
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed:   
Newfield Production Company  
Eric Sundberg  
Regulatory Lead

Sworn to and subscribed before me this 5<sup>th</sup> day of January, 2011.

Notary Public in and for the State of Colorado: 

My Commission Expires 02/10/2013  
My Commission Expires: \_\_\_\_\_



## South Wells Draw #4-3

Initial Production: 56 BOPD, 53 MCFD  
0 BWPD

Spud Date: 11/07/99  
Put on Production: 12/07/99  
GL: 5654' KB: 5667'

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (328.29')  
DEPTH LANDED: 325.99'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 141 sx Class "G" plus additives; followed by 100 sx Class "G" cmt.

### PRODUCTION CASING

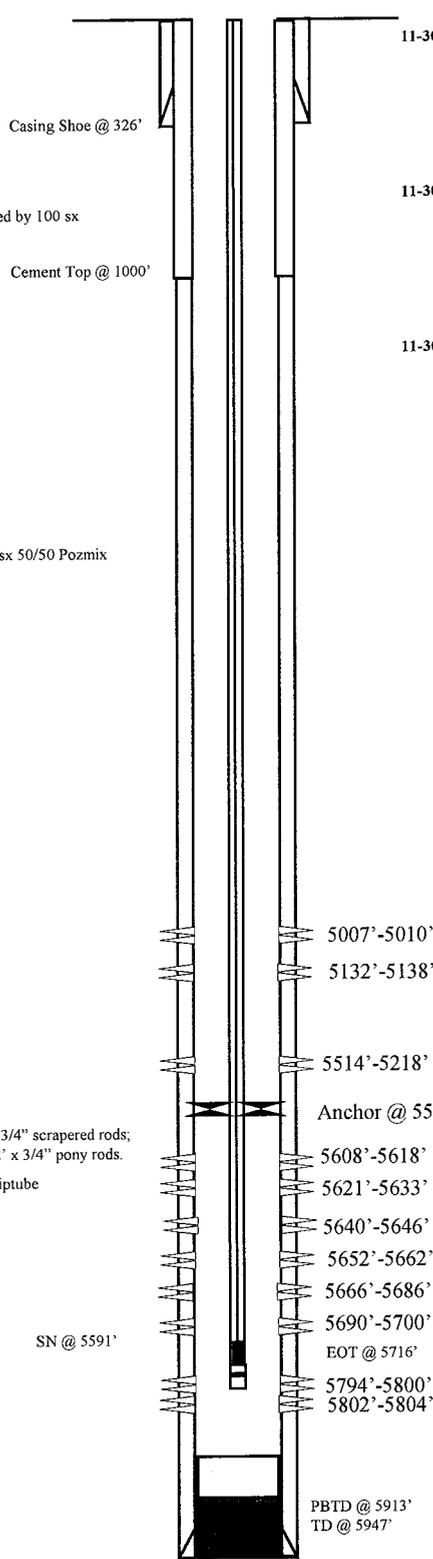
CSG SIZE: 5-1/2"  
GRADE: J-55 and N-80  
WEIGHT: 15.5# and 17#  
LENGTH: 142 jts (5939.10')  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 285 sxs PremLite II; followed by 391 sx 50/50 Pozmix plus additives.  
SET AT: 5934.80'  
CEMENT TOP: 1000'

### TUBING

SIZE/GRADE/WT: 2-7/8", 6.5#, M-50  
NO. OF JOINTS: 182 jts  
TUBING ANCHOR: 5557'  
SEATING NIPPLE: 2-3/8" x 1.10"  
TOTAL STRING LENGTH: 5715.07'  
SN LANDED AT: 5591'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 4 1" scraped rods; 5 7/8" plain rods; 6 3/4" scraped rods; 114 3/4" plain rods; 93 3/4" scraped rods; 1-8", 1-6", 1-2" x 3/4" pony rods.  
PUMP SIZE: 2-1/2"x1-1/2"x16' RHAC pump with 10.5' diptube  
STROKE LENGTH: 74"  
PUMP SPEED: 6 SPM  
LOGS: DIGL/SP/GR/CAL      DSN/SDL/GR



### FRAC JOB

**11-30-99 5794-5804'**      **Frac CP sand as follows:**  
52,187# 20/40 sand in 370 bbls Viking fluid. Breakdown @ 2736 psi. Treated w/avg press of 1730 psi w/avg rate of 25.9 BPM. ISIP-2190 psi, 5 min 2130 psi. Left pressure on well.

**11-30-99 5608'-5700'**      **Frac LDC sand as follows:**  
124,100# 20/40 sand in 637 bbls Viking fluid. Perfs broke down @ 3611 psi. Treated w/avg press of 2000 psi w/avg rate of 35.8 BPM. ISIP-2770 psi, 5 min 2620 psi. Left pressure on well.

**11-30-99 5007-5218'**      **Frac D/Bi-Carb/B sand as follows:**  
Unable to break down perfs. 105,750# 20/40 sand in 692 bbls Viking fluid. Perfs broke down @ 4400 psi. Treated w/avg press of 2415 psi w/avg rate of 34.7 BPM. ISIP-2280 psi, 5 min 2135 psi. Flow back on 12/64" ck for 3 hrs & died. Recovered 165 BTF.

### PERFORATION RECORD

Date	Interval	JSPF	Holes
11-30-99	5794'-5800'	4 JSPF	24 holes
11-30-99	5802'-5804'	4 JSPF	8 holes
11-30-99	5608'-5618'	2 JSPF	20 holes
11-30-99	5621'-5633'	2 JSPF	24 holes
11-30-99	5640'-5646'	2 JSPF	12 holes
11-30-99	5652'-5662'	2 JSPF	20 holes
11-30-99	5666'-5686'	2 JSPF	40 holes
11-30-99	5690'-5700'	2 JSPF	20 holes
11-30-99	5007'-5010'	4 JSPF	12 holes
11-30-99	5132'-5138'	4 JSPF	24 holes
11-30-99	5214'-5218'	4 JSPF	16 holes



South Wells Draw #4-3  
789' FNL and 754' FWL  
NWNW Section 3-T9S-R16E  
Duchesne Co, Utah  
API #43-013-32096      Lease #UTU-77338

## South Wells Draw Federal #2-3-9-16

Spud Date: 10-18-2006  
Put on Production: 2-26-2007

Initial Production: BOPD,  
MCFD, BWPD

GL: 5621' KB: 5633'

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (310.28')  
DEPTH LANDED: 314.77' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

Cement top @ 104'

Casing Shoe @ 315'

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 144 jts (6284.59')  
DEPTH LANDED: 6297.84' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 104'

#### TUBING

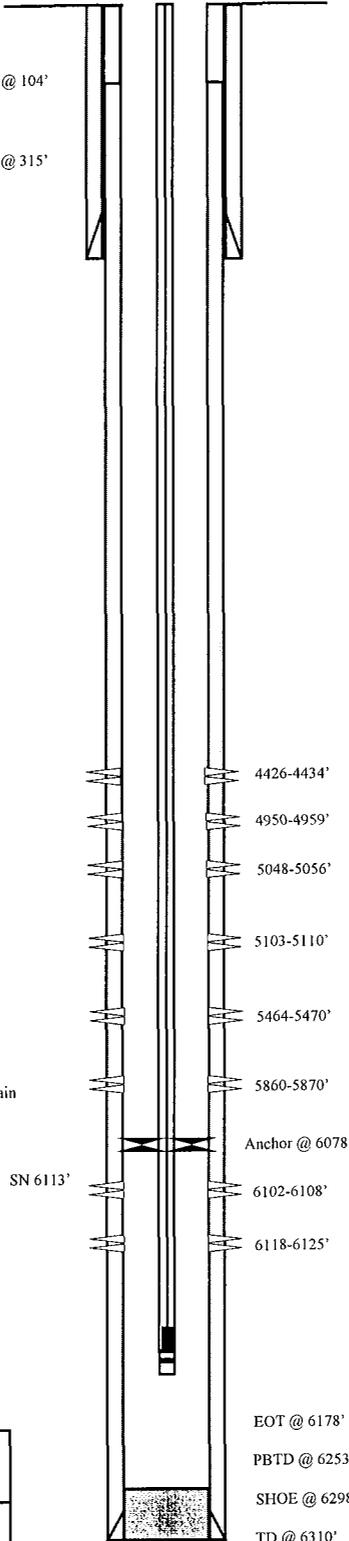
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 192 jts (6066.48')  
TUBING ANCHOR: 6078.48' KB  
NO. OF JOINTS: 1 jts (31.64')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 6112.92' KB  
NO. OF JOINTS: 2 jts (63.14')  
TOTAL STRING LENGTH: EOT @ 6177.61' KB

#### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 1-2' X 3/4" pony rods, 99- 3/4" guided rods, 129- 3/4" plain rods, 10- 3/4" guided rods, 6- 1 1/2" weighted rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 14.5' RHAC w/SM plunger  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 5 SPM

#### FRAC JOB

02-16-07	6102-6125'	<b>Frac CP5 sands as follows:</b> 29892# 20/40 sand in 381 bbls Lightning 17 frac fluid. Treated @ avg press of 2343 psi w/avg rate of 24.4 BPM. ISIP 2080 psi. Calc flush: 6100 gal. Actual flush: 5628 gal.
02-16-07	5860-5870'	<b>Frac CP2, &amp; CP1 sands as follows:</b> 24890# 20/40 sand in 336 bbls Lightning 17 frac fluid. Treated @ avg press of 1964 psi w/avg rate of 24.4 BPM. ISIP 1850 psi. Calc flush: 5858 gal. Actual flush: 5334 gal.
02-16-07	5464-5470'	<b>Frac A 3 sands as follows:</b> 24472# 20/40 sand in 329 bbls Lightning 17 frac fluid. Treated @ avg press of 2464 psi w/avg rate of 24.4 BPM. ISIP 2140 psi. Calc flush: 5462 gal. Actual flush: 5418 gal.
02-20-07	5048-5110'	<b>Frac C, D3 sands as follows:</b> 59650# 20/40 sand in 487 bbls Lightning 17 frac fluid. Treated @ avg press of 2067 w/ avg rate of 24.6 BPM. ISIP 2175 psi. Calc flush: 5046 gal. Actual flush: 4578 gal.
02-20-07	4950-4959'	<b>Frac D1 sands as follows:</b> 45245# 20/40 sand in 408 bbls Lightning 17 frac fluid. Treated @ avg press of 2190 w/ avg rate of 24.7 BPM. ISIP 2320 psi. Calc flush: 4948 gal. Actual flush: 4410 gal.
02-20-07	4426-4434'	<b>Frac GB4 sands as follows:</b> 37352# 20/40 sand in 335 bbls Lightning 17 frac fluid. Treated @ avg press of 2155 w/ avg rate of 25 BPM. ISIP 2300 psi. Calc flush: 4424 gal. Actual flush: 4326 gal.



#### PERFORATION RECORD

01-07-07	6118-6125'	4 JSPF	28 holes
01-07-07	6102-6108'	4 JSPF	24 holes
02-16-07	5860-5870'	4 JSPF	40 holes
02-16-07	5464-5470'	4 JSPF	24 holes
02-16-07	5103-5110'	4 JSPF	28 holes
02-16-07	5048-5056'	4 JSPF	28 holes
02-20-07	4950-4959'	4 JSPF	36 holes
02-20-07	4426-4434'	4 JSPF	32 holes

EOT @ 6178'  
PBD @ 6253'  
SHOE @ 6298'  
TD @ 6310'



### South Wells Draw Federal #2-3-9-16

516' FNL & 1975' FEL  
NW/NE Section 3-T9S-R16E  
Duchesne Co, Utah

API # 43-013-32963; Lease # UTU-47172

## South Wells Draw #5-3-9-16

Initial Production: 63 BOPD, 67 MCFD  
0 BWPD

Spud Date: 11/18/99  
Put on Production: 12/21/99  
Put on Injection: 3/4/02  
GL: 5599' KB: 5609'

### Injection Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 8 jts (328.27')  
DEPTH LANDED: 326'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 306 sx Class "G" plus additives

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 139 jts (5835.89')  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 355 sxs PremLite II; followed by 455 sxPremLite with 1/4# per sx Cello Flake + 2% gel + .3% SM.  
CEMENT TOP AT:  
SET AT: 5831.27'

#### TUBING

SIZE/GRADE/WT: 2-3/8", 4.7#, LS  
NO. OF JOINTS: 132 jts. (4245.95')  
SEATING NIPPLE: 2-3/8" x 3.10'  
SN LANDED AT: 4255.95'  
TUBING ANCHOR: 4260.95'  
TOTAL STRING LENGTH: EOT @ 4263.25'

#### FRAC JOB

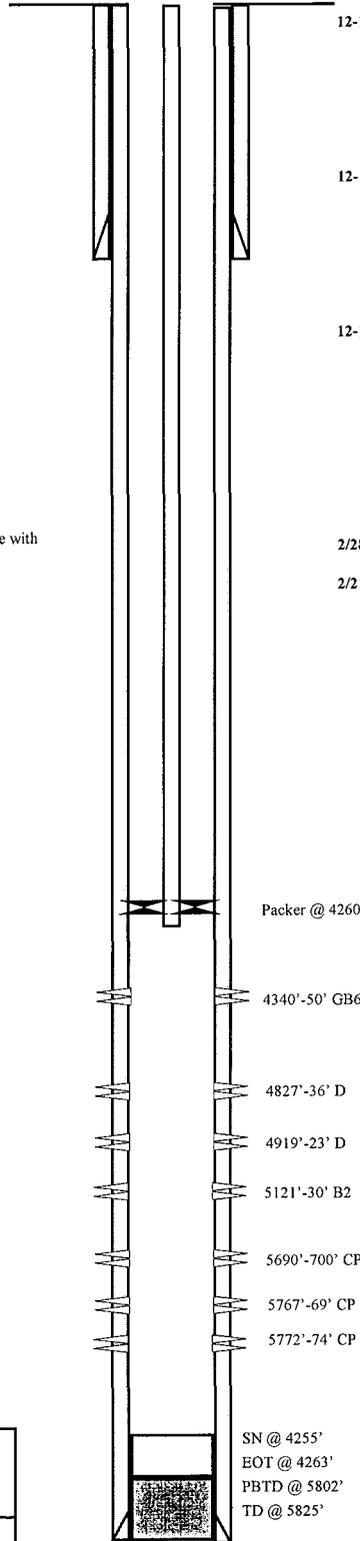
12-14-99 5690-5774' **Frac CP sand as follows:**  
46,369# 20/40 sand in 342 bbls Viking fluid. Breakdown @ 3400 psi. Treated w/avg press of 2500 psi w/avg rate of 25 BPM. ISIP-2040 psi, 5 min 1813 psi. Left pressure on well.

12-14-99 4827-4923' **Frac D sand as follows:**  
54,978# 20/40 sand in 395 bbls Viking fluid. Perfs broke down @ 1900 psi. Treated w/avg press of 1900 psi w/avg rate of 26 BPM. ISIP-2245 psi, 5 min 2186 psi. Left pressure on well.

12-14-99 4340-4350' **Frac GB sand as follows:**  
Unable to break down perfs. Re-perfed with additional 4 JSPF. 38,691# 20/40 sand in 315 bbls Viking fluid. Perfs broke down @ 4030 psi. Treated w/avg press of 2200 psi w/avg rate of 22.4 BPM. ISIP-2236 psi, 5 min 2016 psi. Flow back on 12/64" ck for 3 hrs & died. Recovered 110 BTF.

2/28/02 **Convert to injector. Update tubing details.**

2/21/07 **5 Year MIT completed and submitted.**



#### PERFORATION RECORD

Date	Interval	Perforation Type	Holes
12-14-99	5690'-5700'	4 JSPF	40 holes
12-14-99	5767'-5769'	4 JSPF	8 holes
12-14-99	5772'-5774'	4 JSPF	8 holes
12-14-99	4827'-4836'	4 JSPF	36 holes
12-14-99	4919'-4923'	4 JSPF	16 holes
12-14-99	4340'-4350'	4 JSPF	80 holes
2/27/02	5121'-5130'	4 JSPF	36 holes

**NEWFIELD**

South Wells Draw #5-3-9-16  
2018' FNL & 491' FWL  
SWNW Section 3-T9S-R16E  
Duchesne Co, Utah

API #43-013-32098 Lease #U-77338

## South Wells Draw #6-3-9-16

Initial Production: 68 BOPD, 161 MCFD  
4 BWPD

Spud Date: 5/15/00  
Put on Production: 6/21/00  
GL: 5573' KB: 5583' KB

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (274.70')  
DEPTH LANDED: 286.55'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 141 sx Class "G" plus additives

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 139 jts (5934.31')  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 265 sx PremLite II pls additives, followed by 400 sx 50/50 Poz with additives.  
SET AT: 5931.91' KB

**TUBING**

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#  
NO. OF JOINTS: 4 jts. (123.53')  
NO. OF JOINTS: 149 jts. (4644.46')  
NO. OF JOINTS: 16 jts. (511.96')  
TUBING ANCHOR: 5289.96'  
NO. OF JOINTS: 2 jts. (5292.76')  
SEATING NIPPLE: 2-7/8" x 1.10'  
SN LANDED AT: 5354.32'  
NO. OF JOINTS: 2 jts. (5355.42')  
TOTAL STRING LENGTH: EOT @ 5416.81'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 4-1 1/2" wt bars, 14-3/4" guided rods, 81- 3/4" slick rods,  
113- 3/4" guided rods, 2- 4'x3/4" pony rods.  
PUMP SIZE: 2-1/2"x1-1/2"x 10'x14' RHAC  
STROKE LENGTH: 72"  
PUMP SPEED: 4.5 SPM

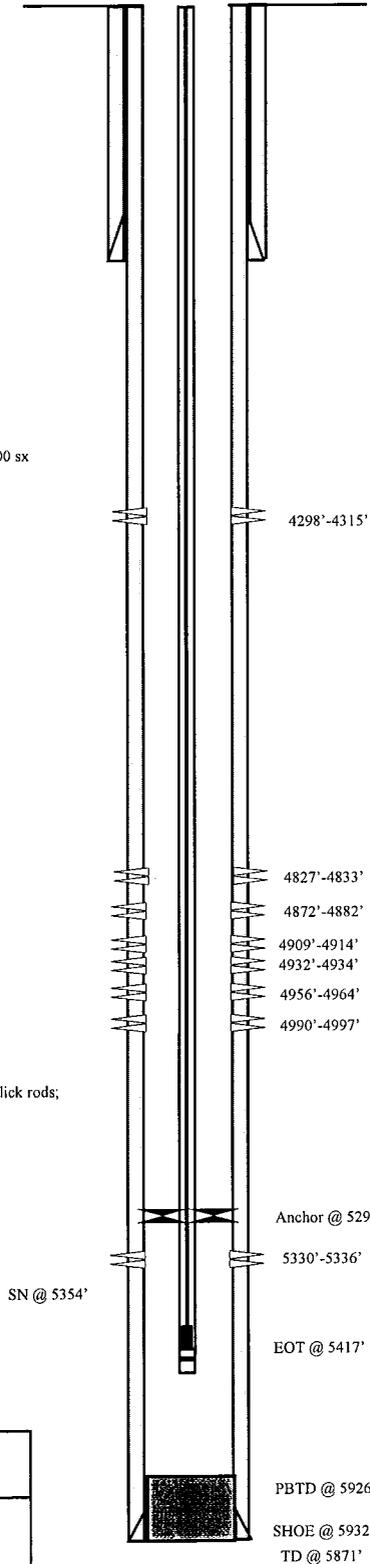
**FRAC JOB**

**6-13-00 5330-5336'**      **Frac A sand as follows:**  
68,307# 20/40 sand in 475 bbls I-25 Viking fluid. Breakdown @ 2841 psi. Treated w/avg press of 2600 psi w/avg rate of 29.1 BPM. ISIP-2270 psi, 5 min 2140 psi. Flowed back on 12/64 choke for 3.5 hrs & died. Rec 122 BTF.

**6-16-00 4827-4997'**      **Frac D/C sand as follows:**  
90,400# 20/40 sand in 520 bbls Viking fluid. Perfs broke down @ 2620 psi. Treated w/avg press of 2000 psi w/avg rate of 33.2 BPM. ISIP-2358 psi, 5 min 2311 psi. Left pressure on well. Est. 734 BWTR.

**6-16-00 4298-4315'**      **Frac GB sand as follows:**  
81,240# 20/40 sand in 492 bbls Viking fluid. Perfs broke down @ 3577 psi. Treated w/avg press of 2200 psi w/avg rate of 28.5 BPM. ISIP-2488 psi, 5 min 2461 psi. Flow back on 12/64" ck for 4.5 hrs & died. Recovered 165 BTF.

6/21/00      Hole in tubing. Update rod and tubing details.  
1/17/02      Hole in tubing. Update rod and tubing details.  
03/04/03      Hole in tubing. Update rod and tubing details.  
11/4/05      Parted rods. Update rod and tubing details.  
11/12/08      Parted rods. Updated rod & tubing details.



**PERFORATION RECORD**

6-13-00	5330'-5336'	4 JSPF	24 holes
6-14-00	4827'-4833'	2 JSPF	12 holes
6-14-00	4872'-4882'	2 JSPF	20 holes
6-14-00	4909'-4914'	2 JSPF	10 holes
6-14-00	4932'-4934'	2 JSPF	4 holes
6-14-00	4956'-4964'	2 JSPF	16 holes
6-14-00	4990'-4997'	2 JSPF	14 holes
6-16-00	4298'-4315'	4 JSPF	68 holes



**South Wells Draw #6-3-9-16**  
1813' FNL & 1876' FWL  
SENW Section 3-T9S-R16E  
Duchesne Co, Utah  
API #43-013-32137    Lease #U-77338

## South Wells Draw #12-3-9-16

Spud Date: 10/29/98  
 Put on Production: 9/13/01  
 GL: 5684' KB: 5694'

Initial Production: 54.7 BOPD,  
 146.1 MCFD, 12.3 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (315')  
 DEPTH LANDED: 325'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sx Class "G" plus additives

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts (5909')  
 SET AT: 5918'  
 HOLE SIZE: 7-7/8" SN @ 4891'  
 CEMENT DATA: 280 sx PremLite modified, followed by 280 sx Class "G" plus additives.

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 149 jts (4822.77')  
 TUBING ANCHOR: 4825.57'  
 NO. OF JOINTS: 2 jts (4890.17')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4891.27 KB  
 NO. OF JOINTS: 2 jts (4956.35')  
 TOTAL STRING LENGTH: EOT @ 4956.15'

**SUCKER RODS**

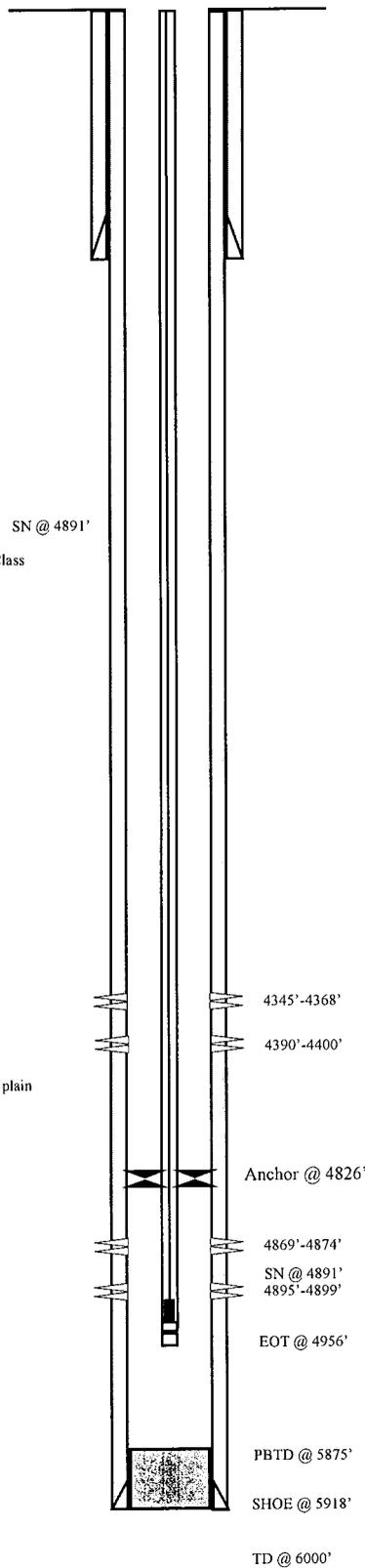
POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 6-1 1/2" weight bars; 10-3/4" scraped rods; 89-3/4" plain rods, 90-3/4" scraped rods, 1-6, 1-2' x 3/4" pony rod.  
 PUMP SIZE: 2-1/2" x 1 1/2' x 15 1/2' RHAC  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 4.5 SPM  
 LOGS: DIGL/SP/GR/CAL

**FRAC JOB**

9/10/01	4869'-4899'	<b>Frac D1 sands as follows:</b> 43,420# 20/40 sand in 391 bbls Viking I-25 fluid. Treated @ avg press of 2125 psi w/avg rate of 31 BPM. ISIP 2000 psi.
9/10/01	4345'-4400'	<b>Frac GB sands as follows:</b> 128,420# 20/40 sand in 892 bbls Viking I-25 fluid. Treated @ avg press of 1925 psi w/avg rate of 31.2 BPM. ISIP 2140 psi. Flowed for 8.5 hrs then died.
9/19/02		Stuck pump. Update rod and tubing details.
11/12/03		Stuck pump. Update rod details.
4/12/04		Pump change. Update rod details.

**PERFORATION RECORD**

9/10/01	4895'-4899'	4 JSPF	16 holes
9/10/01	4869'-4874'	4 JSPF	20 holes
9/10/01	4390'-4400'	4 JSPF	40 holes
9/10/01	4345'-4368'	4 JSPF	92 holes



**South Wells Draw #12-3-9-16**  
 1980' FSL & 844' FWL  
 NSW Section 3-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32105 Lease #U-77338

## South Wells Draw B-4-9-16

Spud Date: 5-27-09  
Put on Production: 6-26-09

GL: 5691' KB: 5703'

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 274.49'  
DEPTH LANDED: 320.79'  
HOLE SIZE: 12- 1/4"  
CEMENT DATA: 160 sxs Class "G" cmt + 2% cal chloride

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 6382.48'  
HOLE SIZE: 7-7/8"  
TOTAL DEPTH: 6415'  
CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.  
CEMENT TOP AT: 14'

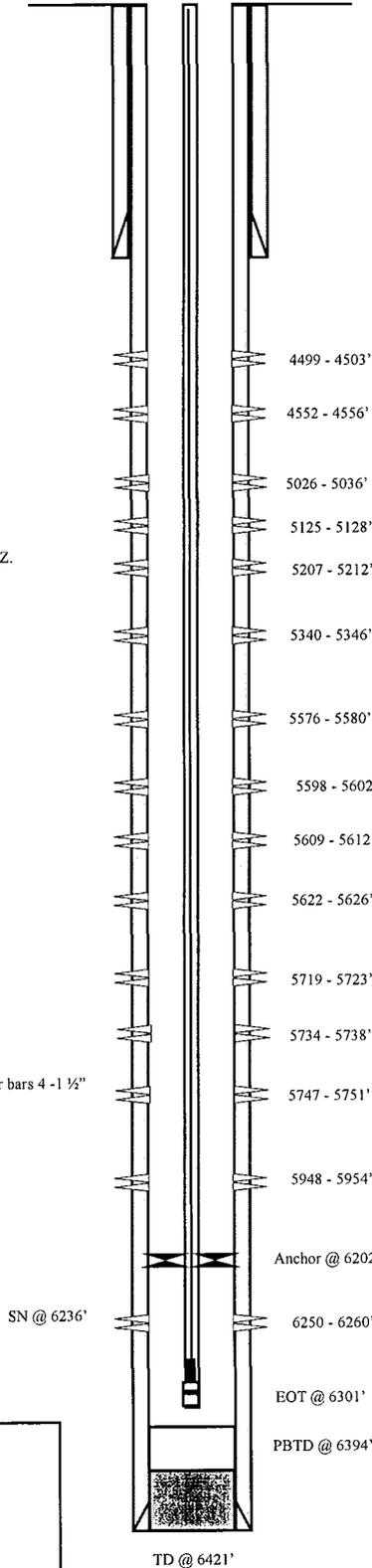
### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 197 jts (6190')  
TUBING ANCHOR: 6202'  
NO. OF JOINTS: 1 jts (31.8')  
SEATING NIPPLE: 2-7/8" (1.1')  
SN LANDED AT: 6236' KB  
NO. OF JOINTS: 2 jts (63.7')  
TOTAL STRING LENGTH: EOT @ 6301'

### SUCKER RODS

POLISHED ROD: 1 1/2" x 26'  
SUCKER RODS: pony rods 4 - 7/8", guided rod 244 - 7/8", sinker bars 4 - 1 1/2"  
PUMP SIZE: 2 1/2" x 1 3/4" x 24' RHAC pump  
PUMP SPEED, SPM 4

Wellbore Diagram



### FRAC JOB

6-26-09	6250 - 6260'	Frac CP5 sands as follows: Frac with 65818# 20/40 sand in 395 bbbs Lightning 17 fluid.
6-26-09	5948 - 5954'	Frac CP.5 sands as follows: Frac with 16128# 20/40 sand in 128 bbbs Lightning 17 fluid.
6-26-09	5719 - 5751'	Frac LODC sands as follows: Frac with 113694# 20/40 sand in 653 bbbs Lightning 17 fluid.
6-26-09	5622 - 5580'	Frac LODC sands as follows: Frac with 111498# 20/40 sand in 648 bbbs Lightning 17 fluid.
6-26-09	5340 - 5346'	Frac B2 sands as follows: Frac with 35758# 20/40 sand in 227 bbbs Lightning 17 fluid.
6-26-09	5125 - 5212'	Frac D3 & C sands as follows: Frac with 30316# 20/40 sand in 246 bbbs Lightning 17 fluid.
6-26-09	5026 - 5036'	Frac D1 sands as follows: Frac with 60664# 20/40 sand in 253 bbbs Lightning 17 fluid.
6-26-09	4499 - 4556'	Frac GB4 & GB6 sands as follows: Frac with 81580# 20/40 sand in 440 bbbs Lightning 17 fluid.

### PERFORATION RECORD

6250 - 6260'	3 JSPF	30 holes
5948 - 5954'	3 JSPF	18 holes
5747 - 5751'	3 JSPF	12 holes
5734 - 5738'	3 JSPF	12 holes
5719 - 5723'	3 JSPF	12 holes
5622 - 5626'	3 JSPF	12 holes
5609 - 5612'	3 JSPF	9 holes
5598 - 5602'	3 JSPF	12 holes
5576 - 5580'	3 JSPF	12 holes
5340 - 5346'	3 JSPF	18 holes
5207 - 5212'	3 JSPF	15 holes
5125 - 5128'	3 JSPF	9 holes
5026 - 5036'	3 JSPF	30 holes
4552 - 4556'	3 JSPF	12 holes
4499 - 4503'	3 JSPF	12 holes



**NEWFIELD**

**South Wells Draw B-4-9-16**

Section 4-T9S-R16E  
Duchesne Co, Utah  
API #43-013-34154; Lease #UTU-30096

## Wells Draw Federal S-33-8-16

Spud Date: 08/01/2009  
 Put on Production: 09/22/2009  
 GL: 5673' KB: 5685'

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (308.78')  
 DEPTH LANDED: 320.63'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

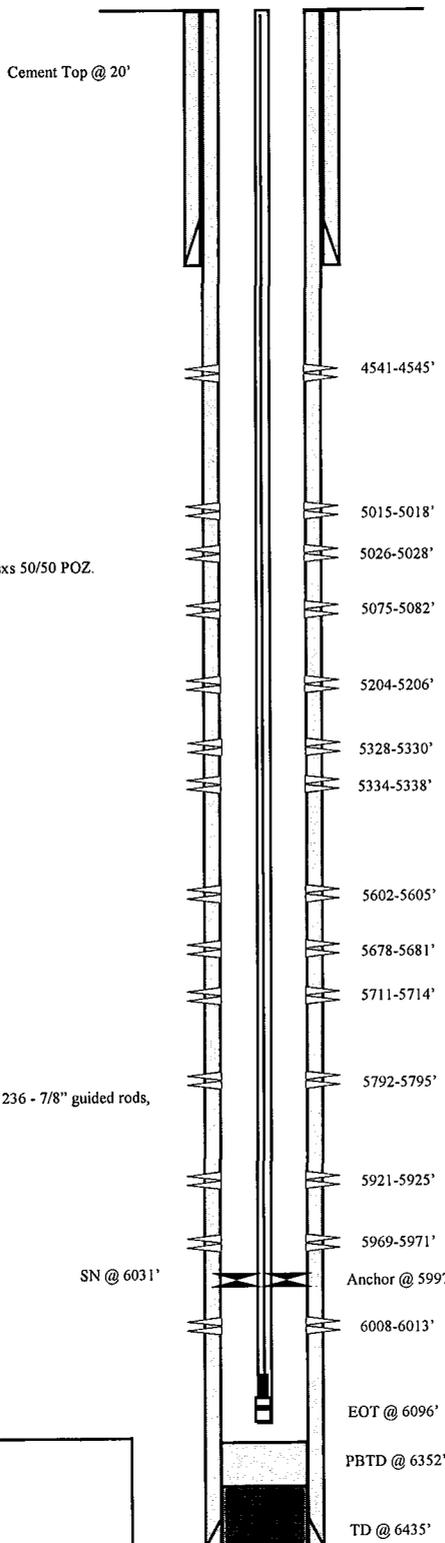
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 143 jts. (6411.39')  
 HOLE SIZE: 7-7/8"  
 TOTAL DEPTH: 6424.64'  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.  
 CEMENT TOP AT: 20'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 188 jts (5985')  
 TUBING ANCHOR: 5997'  
 NO. OF JOINTS: 1 jts (31.6')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 6031.4' KB  
 NO. OF JOINTS: 2 jts (63.2')  
 TOTAL STRING LENGTH: EOT @ 6096'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 30'  
 SUCKER RODS: 1 - 2' x 7/8", 1 - 4' x 7/8" pony rods, 236 - 7/8" guided rods, 4-1 1/2" weight bars  
 PUMP SIZE: 2 1/2" x 1 3/4" x 20' RHAC  
 STROKE LENGTH: 168  
 PUMP SPEED: SPM 6



### FRAC JOB

9-23-09	5921-6013'	Frac CP1, CP.5 & CP2 sands as follows: Frac with 30433# 20/40 sand in 258 bbls Lightning 17 fluid.
9-23-09	5602-5795'	Frac LODC sands as follows: Frac with 201574# 20/40 sand in 1228 bbls Lightning 17 fluid.
9-23-09	5204-5338'	Frac B2 & C sands as follows: Frac with 15016# 20/40 sand in 123 bbls Lightning 17 fluid.
9-23-09	5015-5082'	Frac D2 & D1 sands as follows: Frac with 150403# 20/40 sand in 945 bbls Lightning 17 fluid.
9-23-09	4541-4545'	Frac GB6 sands as follows: Frac with 14911# 20/40 sand in 131 bbls Lightning 17 fluid.

### PERFORATION RECORD

6008-6013'	3 JSPP	15 holes
5969-5971'	3 JSPP	6 holes
5921-5925'	3 JSPP	12 holes
5792-5795'	3 JSPP	9 holes
5711-5714'	3 JSPP	9 holes
5678-5681'	3 JSPP	9 holes
5602-5605'	3 JSPP	9 holes
5334-5338'	3 JSPP	12 holes
5328-5330'	3 JSPP	6 holes
5204-5206'	3 JSPP	6 holes
5075-5082'	3 JSPP	21 holes
5026-5028'	3 JSPP	6 holes
5015-5018'	3 JSPP	9 holes
4541-4545'	3 JSPP	12 holes

**NEWFIELD**

**Wells Draw Federal S-33-8-16**  
 1836' FSL & 1899' FEL  
 NW/SE Section 33-T8S-R16E  
 Duchesne Co, Utah  
 API # 43-013-34067; Lease # UTU-49092

## Wells Draw Federal 1-4-9-16

Initial Production: 105 BOPD, 52 MCFD  
7 BWPD

Spud Date: 2/9/98  
Put on Production: 3/23/98  
GL: 5686' KB: 5698'

Injection Wellbore  
Diagram

**SURFACE CASING**

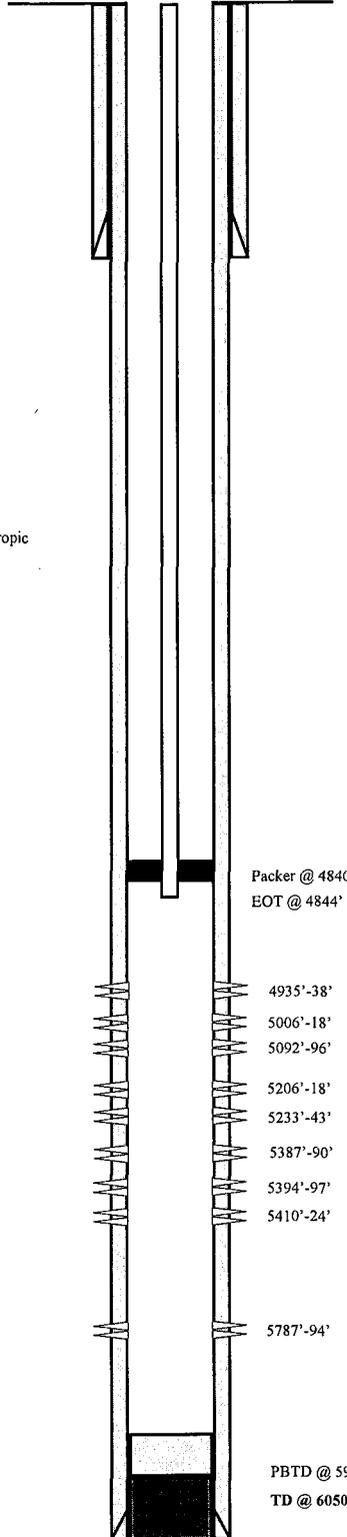
CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts  
DEPTH LANDED: 286'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 120 sxs Premiumplus w/2% CC, 2% gel, 1/2 #/sx flocele

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 141 jts 6016'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Hibond 65 modified and 450 sxs Thixotropic w/10% calseal  
CEMENT TOP AT:  
SET AT: 6027'

**TUBING**

SIZE/GRADE/WT: 2-7/8" / M-50 / 6.5#  
NO. OF JOINTS: 155 jts (4823.96')  
SEATING NIPPLE: 2-7/8" (1.10')  
SEAT NIPPLE LANDED @ 4837  
CE @ 4840.26'  
TOTAL STRING LENGTH: EOT @ 4844.38'



**FRAC JOB**

**3-8-98 5787'-5794'** Frac CP sand as follows: 95,300# 20/40 sand in 515 bbls Delta Frac. Breakdown @ 2691 psi. Treated w/avg press of 1220 psi w/avg rate of 26.2 BPM. ISIP-2075 psi, 5 min 1666 psi. Flowback on 12/64" ck for 3-1/2 hrs & died.

**3-11-98 5387'-5424'** Frac A sand as follows: 97,300# 20/40 sand in 503 bbls Delta Frac. Breakdown @ 1506 psi. Treated w/avg press of 1600 psi w/avg rate of 28.3 BPM. ISIP-2165 psi, 5 min 2008 psi. Flowback on 12/64" ck for 1-1/2 hrs & died.

**3-13-98 5206'-5243'** Frac B sand as follows: 97,100# 20/40 sand in 506 bbls Delta Frac. Breakdown @ 1876 psi. Treated w/avg press of 1700 psi w/avg rate of 28.8 BPM. ISIP-3193 psi, 5 min 2527 psi. Flowback on 12/64" ck for 2 hrs & died.

**3-18-98 4935'-5096'** Frac D/C sands as follows: 97,000# 20/40 sand in 418 bbls Delta Frac. Breakdown @ 2200 psi. Treated w/avg press of 1400 psi w/avg rate of 33 BPM.

**12-15-00** Convert to Injection well

**12-19-00** MIT completed - tbg detail updated

**PERFORATION RECORD**

Date	Depth Range	Tool	Holes
3-7-98	5787'-5794'	4 JSPF	28 holes
3-10-98	5410'-5424'	4 JSPF	56 holes
3-10-98	5394'-5397'	4 JSPF	12 holes
3-10-98	5387'-5390'	4 JSPF	12 holes
3-12-98	5233'-5243'	4 JSPF	40 holes
3-12-98	5206'-5218'	4 JSPF	48 holes
3-17-98	5092'-5096'	4 JSPF	16 holes
3-17-98	5006'-5018'	4 JSPF	48 holes
3-17-98	4935'-4938'	4 JSPF	12 holes

**NEWFIELD**

**Wells Draw Federal 1-4-9-16**  
746' FNL and 586' FEL  
NENE Section 4-T9S-R16E  
Duchesne Co, Utah  
API #43-013-31971; Lease #U-30096

## Wells Draw P-34-8-16

Spud Date: 06/05/09  
 Put on Production: 07/14/09  
 GL: 5701' KB: 5713'

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 275.89'  
 DEPTH LANDED: 328.02'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G+2%" cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 6435.13'  
 HOLE SIZE: 7-7/8"  
 TOTAL DEPTH: 6465.38'  
 CEMENT DATA: 275 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 0'

As of today well is flowing to production tanks.

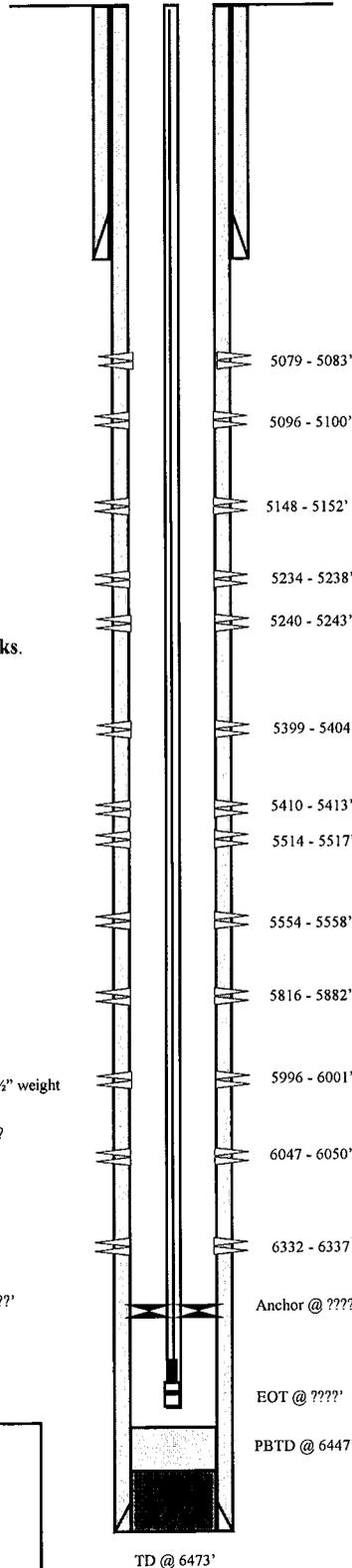
### TUBING

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

### SUCKER RODS

POLISHED ROD: 1 1/2" x ?'  
 SUCKER RODS: ?-2', ?-4' x 7/8" pony subs, ?-7/8" guided rods, ?-1 1/2" weight bars  
 PUMP SIZE: 1-1/2" x 1-3/4" x ?' RHAC pump w/ SM plunger ??????  
 PUMP SPEED, SPM ??

Wellbore Diagram



### FRAC JOB

7-15-09	6332 - 6337'	Frac CP5 sands as follows: Frac with 14,574# 20/40 sand in 119 bbls Lightning 17 fluid. Treat at 2779 psi @ 11.0 BPM. ISIP 1818 psi.
7-15-09	5996 - 6050'	Frac CP.5 & CP1 sands as follows: Frac with 40,521# 20/40 sand in 259 bbls Lightning 17 fluid. Treat at 3242 psi @ 30.0 BPM. ISIP 2015 psi.
7-15-09	5816 - 5822'	Frac LODC sands as follows: Frac with 15,086# 20/40 sand in 120 bbls Lightning 17 fluid. Treat at 2356 psi @ 16 BPM. ISIP 1920 psi.
7-15-09	5554 - 5517'	Frac A1 & A.5 sands as follows: Frac with 34,511# 20/40 sand in 288 bbls Lightning 17 fluid. Treat at 3350 psi @ 30.0 BPM. ISIP 2034 psi.
7-15-09	5399 - 5413'	Frac B2 sands as follows: Frac with 89,291# 20/40 sand in 537 bbls Lightning 17 fluid. Treat at 2734 psi @ 30.0 BPM. ISIP 2140 psi.
7-15-09	5234 - 5243'	Frac C sands as follows: Frac with 35,095# 20/40 sand in 292 bbls Lightning 17 fluid. Treat at 2875 psi @ 30.0 BPM. ISIP 2165 psi.
7-15-09	5079 - 5100'	Frac D1 & D2 sands as follows: Frac with 134,767# 20/40 sand in 764 bbls Lightning 17 fluid. Treat at 2832 psi @ 42.0 BPM. ISIP 2540 psi.

### PERFORATION RECORD

6332 - 6337'	3 JSPF	15 holes
6047 - 6050'	3 JSPF	9 holes
5996 - 6001'	3 JSPF	15 holes
5816 - 5822'	3 JSPF	18 holes
5554 - 5558'	3 JSPF	12 holes
5514 - 5517'	3 JSPF	9 holes
5410 - 5413'	3 JSPF	9 holes
5399 - 5404'	3 JSPF	15 holes
5240 - 5243'	3 JSPF	9 holes
5234 - 5238'	3 JSPF	12 holes
5148 - 5152'	3 JSPF	12 holes
5096 - 5100'	3 JSPF	12 holes
5079 - 5083'	3 JSPF	12 holes

SN @ ????

Anchor @ ????

EOT @ ????

PBTD @ 6447'

TD @ 6473'

**NEWFIELD**



Wells Draw P-34-8-16

Section 34-T8S-R16E  
 Duchesne Co, Utah

API #43-013-33977; Lease #UTU-47171

## Wells Draw 14A-34-8-16

Spud Date: 8/15/2002  
Put on Production: 9/17/2002

Initial Production: 18 BOPD,  
5.5 MCFD, 74 BWPD

GL: 5650' KB: 5660'

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (306.12')  
DEPTH LANDED: 314.12' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 145 sxs Class "G" cmt, est 3 bbls cmt to surf.

#### PRODUCTION CASING

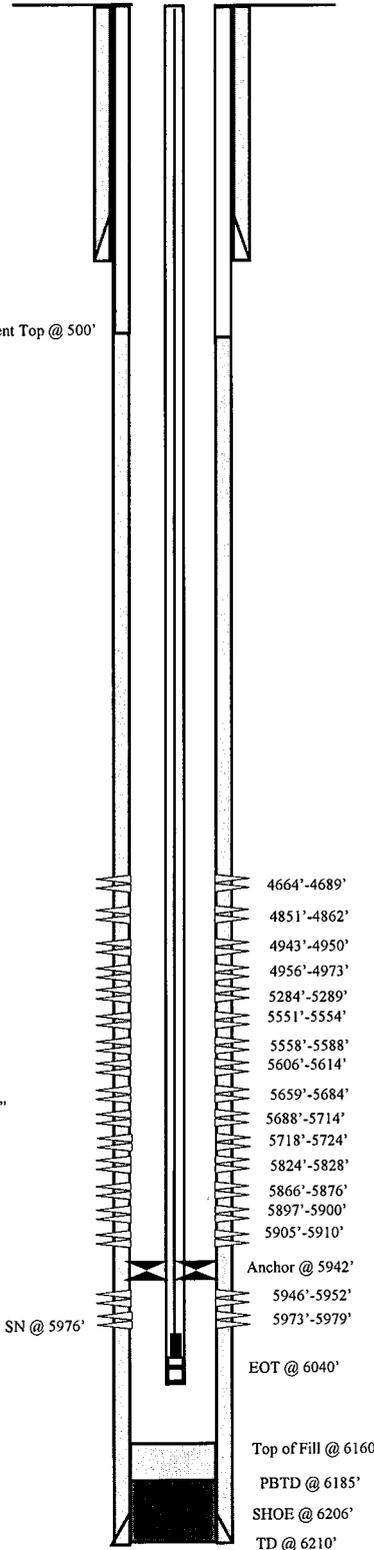
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 140 jts. (6208.51')  
DEPTH LANDED: 6206.11' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 500'

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 189 jts (5932')  
TUBING ANCHOR: 5942' KB  
NO. OF JOINTS: 1 jt (31.42')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5976.22' KB  
NO. OF JOINTS: 2 jts (62.85')  
TOTAL STRING LENGTH: EOT @ 6040.62' KB

#### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 6-1 1/2" weight bars; 10-3/4" scraped rods; 122-3/4" plain rods, 100-3/4" scraped rods, 1-8", 1-6" x 3/4" pony rods.  
PUMP SIZE: 2-1/2" x 1-3/4" x 16' RHAC  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 6 SPM  
LOGS: DIGL/SP/GR/CAL



#### FRAC JOB

9/11/02	5824'-5979'	<b>Frac CP .5, 1, 2, 2, 3, 3 sands as follows:</b> 81,000# 20/40 sand in 618 bbls Viking I-25 fluid. Treated @ avg press of 1869 psi w/avg rate of 26 BPM. ISIP 1880 psi. Calc flush: 5824 gal. Actual flush: 5775 gal.
9/11/02	5551'-5724'	<b>Frac LODC sands as follows:</b> 249,000# 20/40 sand in 1631 bbls Viking I-25 fluid. Treated @ avg press of 2235 psi w/avg rate of 24.7 BPM. ISIP 2110 psi. Calc flush: 5551 gal. Actual flush: 5502 gal.
9/11/02	5284'-5289'	<b>Frac B2 sands as follows:</b> 20,836# 20/40 sand in 264 bbls Viking I-25 fluid. Treated @ avg press of 2345 psi w/avg rate of 25 BPM. ISIP 1880 psi. Calc flush: 5284 gal. Actual flush: 5208 gal.
9/12/02	4851'-4973'	<b>Frac D1 and DS2 sands as follows:</b> 144,900# 20/40 sand in 960 bbls Viking I-25 fluid. Treated @ avg press of 1870 psi w/avg rate of 25 BPM. ISIP 2250 psi. Calc flush: 4851 gal. Actual flush: 4767 gal.
9/12/02	4664'-4689'	<b>Frac PB sands as follows:</b> 54,936# 20/40 sand in 433 bbls Viking I-25 fluid. Treated @ avg press of 1658 psi w/avg rate of 25 BPM. ISIP 2140 psi. Calc flush: 4664 gal. Actual flush: 4578 gal.
11/15/03		Pump Change. Update rod details.

#### PERFORATION RECORD

Date	Depth Range	Tool	Holes
9/10/02	5973'-5979'	4 JSPF	24 holes
9/10/02	5946'-5952'	4 JSPF	24 holes
9/10/02	5905'-5910'	4 JSPF	20 holes
9/10/02	5897'-5900'	4 JSPF	12 holes
9/10/02	5866'-5876'	4 JSPF	40 holes
9/10/02	5824'-5828'	4 JSPF	16 holes
9/11/02	5718'-5724'	2 JSPF	12 holes
9/11/02	5688'-5714'	2 JSPF	52 holes
9/11/02	5659'-5684'	2 JSPF	50 holes
9/11/02	5606'-5614'	2 JSPF	16 holes
9/11/02	5558'-5588'	2 JSPF	60 holes
9/11/02	5551'-5554'	2 JSPF	6 holes
9/11/02	5284'-5289'	4 JSPF	20 holes
9/12/02	4956'-4973'	4 JSPF	68 holes
9/12/02	4943'-4950'	4 JSPF	28 holes
9/12/02	4851'-4862'	4 JSPF	44 holes
9/12/02	4664'-4689'	2 JSPF	50 holes



**Wells Draw Unit 14A-34-8-16**  
729' FSL & 1963' FWL  
SE/SW Section 34-T8S-R16E  
Duchesne Co, Utah  
API #43-013-32330; Lease #UTU-47171

## Wells Draw I-4-9-16

Spud Date: 6/13/2009  
 Put on Production: 7/22/2009  
 GL: 5720' KB: 5732'

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (276')  
 DEPTH LANDED: 327' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sx class 'G' cmt

### PRODUCTION CASING

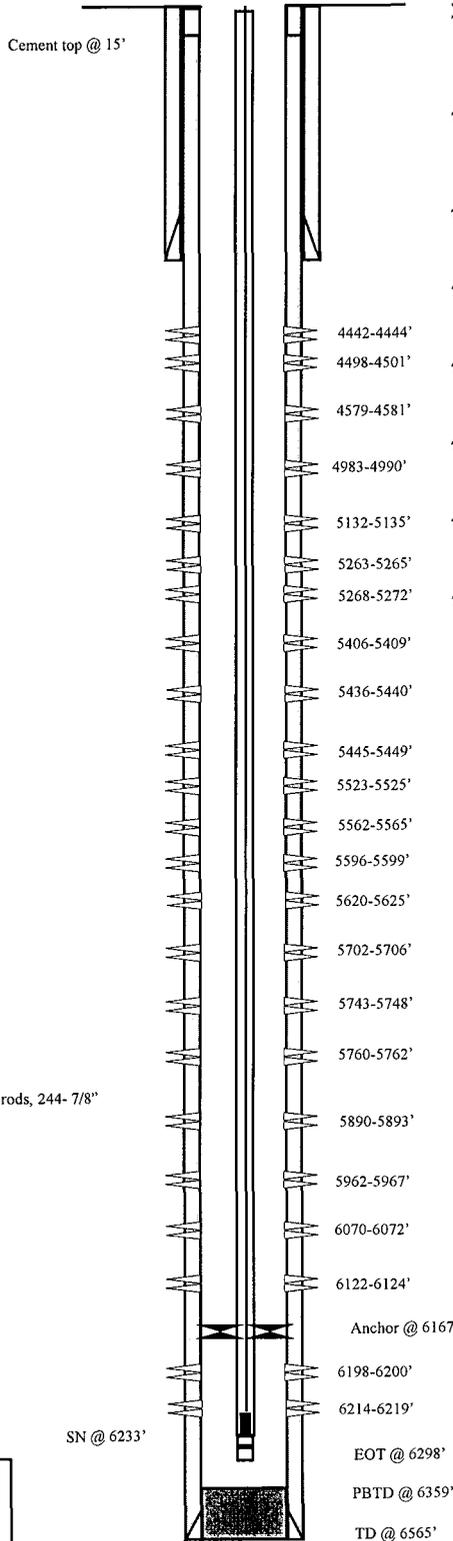
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 165 jts (6409')  
 HOLE SIZE: 7-7/8"  
 TOTAL DEPTH: 6459.89'  
 CEMENT DATA: 275 sx Prem. Lite and 400 sx 50/50 poz  
 CEMENT TOP AT: 15'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
 NO. OF JOINTS: 195 jts (6155')  
 TUBING ANCHOR: 6167' KB  
 NO. OF JOINTS: 2 jts (63.1')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 6233' KB  
 NO. OF JOINTS: 2 jts (63.1')  
 TOTAL STRING LENGTH: EOT @ 6298'

### SUCKER RODS

POLISHED ROD: 1 1/2" x 30' polished rod  
 SUCKER RODS 1 - 2' x 7/8"; 1 - 4' x 7/8"; 1 - 6' x 7/8" pony rods, 244 - 7/8"  
 8per guided rod, 4-1 1/2" weight rods  
 PUMP SIZE: 2 1/2" x 1 3/4" x 20' RHAC  
 STROKE LENGTH: 122"  
 PUMP SPEED, SPM:



### FRAC JOB

Date	Job ID	Description
7-22-09	6070-6219'	Frac CP4, CP5, & CP 3 sands as follows: Frac with 15,423# 20/40 sand in 93 bbls of Lightning 17 fluid.
7-22-09	5890-5967'	Frac CP.5 & CP1 sands as follows: Frac with 25,100# 20/40 sand in 163 bbls of Lightning 17 fluid.
7-22-09	5702-5762'	Frac LODC sands as follows: Frac with 138,935# 20/40 sand in 589 bbls of Lightning 17 fluid.
7-22-09	5523-5625'	Frac LODC as follows: Frac with 161,209# 20/40 sand in 668 bbls of Lightning 17 fluid.
7-22-09	5406-5449'	Frac A3 & A1 sands as follows: Frac with 56,334# 20/40 sand in 242 bbls of Lightning 17 fluid.
7-22-09	5132-5272'	Frac C & B2 sands as follows: Frac with 30,474# 20/40 sand in 174 bbls of Lightning 17 fluid.
7-22-09	4983-4990'	Frac D1 sands as follows: Frac with 30,663# 20/40 sand in 174 bbls of Lightning 17 fluid.
7-22-09	4442-4581'	Frac GB4, GB6, & PB7 sands as follows: Frac with 15,633# 20/40 sand in 97 bbls of Lightning 17 fluid.

### PERFORATION RECORD

Depth	Tool Joint	Holes
6214-6219'	3 JSPF	15 holes
6198-6200'	3 JSPF	6 holes
6122-6124'	3 JSPF	6 holes
6070-6072'	3 JSPF	6 holes
5962-5967'	3 JSPF	15 holes
5890-5893'	3 JSPF	9 holes
5760-5762'	3 JSPF	6 holes
5743-5748'	3 JSPF	15 holes
5702-5706'	3 JSPF	12 holes
5620-5625'	3 JSPF	15 holes
5596-5599'	3 JSPF	9 holes
5562-5565'	3 JSPF	9 holes
5523-5525'	3 JSPF	6 holes
5445-5449'	3 JSPF	12 holes
5436-5440'	3 JSPF	12 holes
5406-5409'	3 JSPF	9 holes
5268-5272'	3 JSPF	12 holes
5263-5265'	3 JSPF	6 holes
5132-5135'	3 JSPF	9 holes
4983-4990'	3 JSPF	21 holes
4579-4581'	3 JSPF	6 holes
4498-4501'	3 JSPF	9 holes
4442-4444'	3 JSPF	6 holes

**NEWFIELD**

**Wells Draw I-4-9-16**

2148' FNL & 535' FEL SE/NE

Section 4-T9S-R16E

Duchesne Co, Utah

API # 43-013-33810; Lease # UTU-30096

Spud Date: 4-25-90  
 Put on Production: 7-24-90  
 GL: 5715' KB: 5730'

# Federal #44-33B

Initial Production: 80 BOPD,  
 0 MCFPD, 96 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: K-55  
 WEIGHT: 24#  
 LENGTH: 7 JTS (295.8')  
 DEPTH LANDED: 300' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 225 sx "G" + 2% CaCl2 + 1/4# sx floccle to surface

Casing Shoe @ 300'

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: K-55  
 WEIGHT: 17#  
 LENGTH: 154 jts (6385')  
 DEPTH LANDED: 6387' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 240sx Hi-Lift tail w/ 715 sx 10-0 RFC  
 CEMENT TOP AT: 2650'

Cement Top @ 2650'

**TUBING**

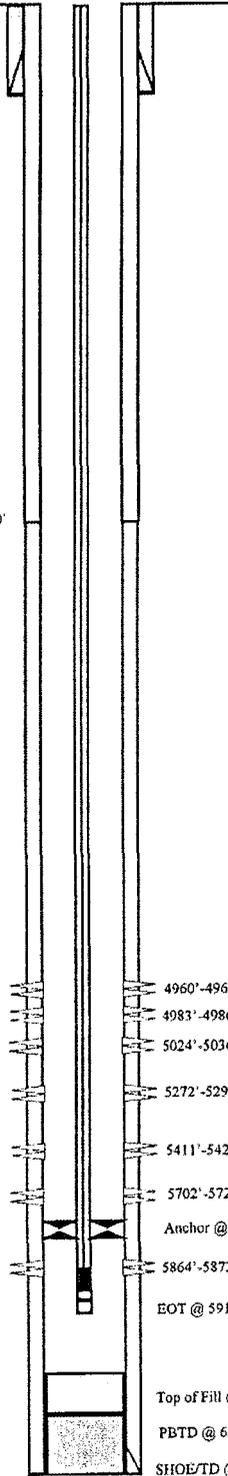
SIZE/GRADE/WT: 2-7/8", J-55, 6.5#  
 NO. OF JOINTS: 183jts (5815')  
 TUBING ANCHOR: 5833'  
 NO. OF JOINTS: 1jt (31.3')  
 SEATING NIPPLE: 2-7/8"  
 NO. OF JOINTS: 2jt (6167')  
 TOTAL STRING LENGTH: EOT @ 5912' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 26'  
 SUCKER RODS: 2-4' x 7/8" pony rod, 1-4' x 7/8" pony rod, 1-6' x 7/8" pony rod, 102-7/8" guided rods, 103-1/2" guided rods, 21-1/2" guided rods, 6-1 1/2' weight bars  
 PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC  
 STROKE LENGTH: 64"  
 PUMP SPEED, SPM: 6 SPM

**FRAC JOB**

5864'-5873'	28,240# 20/40 sand, 37,250# 16/30 sand
5702'-5724'	37,470# 20/40 sand, 49,315# 16/30 sand
5411'-5421'	26,250# 20/40 sand, 34,620# 16/30 sand
5272'-5294'	37,410# 20/40 sand, 49,315# 16/30 sand
4960'-5036'	48,570# 20/40 sand, 63,885# 16/30 sand
8/3/04	Parted rods: Update rod and tubing detail
10/6/2010	Pump change: Updated rod and tubing detail
12-7-10	Pump Change: Updated rod and tubing detail



**PERFORATION RECORD**

5864'-5873'	4 JSPF	36 holes
5702'-5724'	4 JSPF	88 holes
5411'-5421'	4 JSPF	40 holes
5272'-5294'	4 JSPF	88 holes
4960'-5036'	4 JSPF	36 holes



**Federal #44-33B**  
 666 FSL & 660 FEL  
 SESE Section 33-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31270; Lease #U-49092

# Federal #31-4G-9-16

Initial Production: 102 BOPD, 0 MCFD  
15 BWPD

Spud Date: 4-27-89  
Put on Production: 6-7-89  
GL: 5713' KB: 5729'

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 9-5/8"  
GRADE: K-55  
WEIGHT: 36#  
LENGTH: 8 JTS  
DEPTH LANDED: 300'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 165 skx Class "G" cmt, est 8 bbls to surface

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 17#  
LENGTH: 132 jts  
SET AT: 6475'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 260 sks Hi-Lift & 850 sks Class "G"  
CEMENT TOP AT: 2300'

**TUBING**

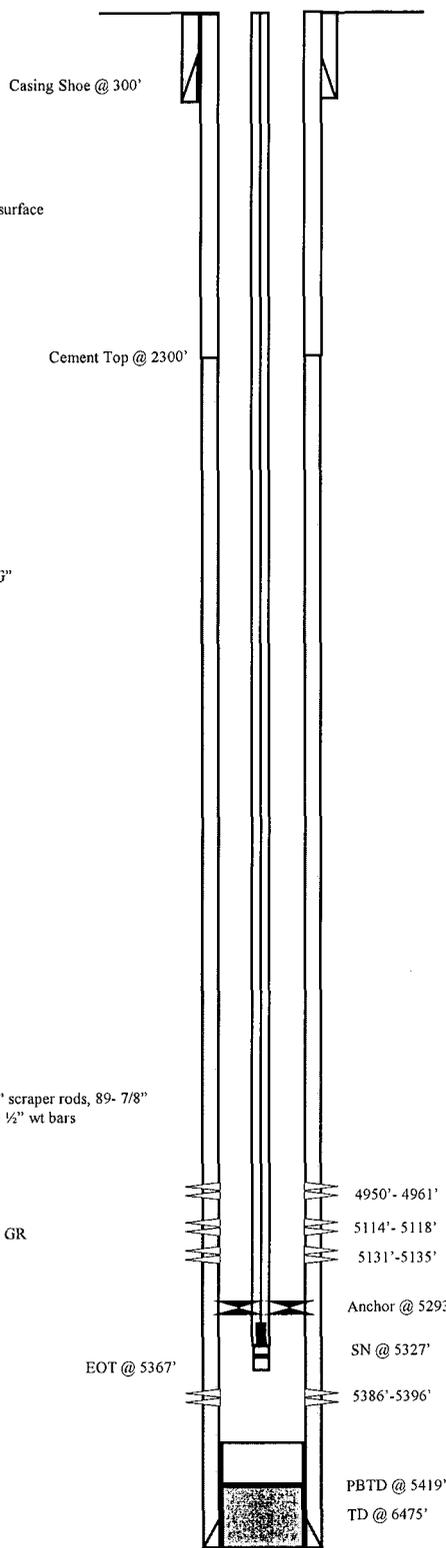
SIZE/GRADE/WT: 2-7/8", J-55, 6.5#  
NO. OF JOINTS: 166 jts (5280.59')  
TUBING ANCHOR: 5292.59' KB  
NO. OF JOINTS: 1 jt (31.66)  
SEATING NIPPLE: 2-7/8"  
SN LANDED AT: 5327.05' KB  
NO. OF JOINTS: 1 perf sub (38.75')  
NO. OF JOINTS: 1 jt  
TOTAL STRING LENGTH: EOT @ 5367.35' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2"x22'  
SUCKER RODS: 2- 8', 1- 2' x 7/8" pony rods; 18- 7/8" scraper rods, 89- 7/8" plain rods; 64-3/4" plain rods, 36- 3/4" guided rods; 5- 1 1/2" wt bars  
PUMP SIZE: 2-1/2"x1-1/2"x12"x16" RHAC  
STROKE LENGTH: 74"  
PUMP SPEED, SPM: 6  
LOGS: DIL, SFL, SP, GR, FDC, CNL, GR, Cal., CBL, GR

**FRAC JOB**

5-18-89 5386'-5396' 38,500# 20/40 sand, 41,050#016/30 sand, and 810 bbls. Avg TP 1700 psi w/avg rate of 35 BPM. ISIP-1800 psi.  
5-23-89 4950'-4961' 49,000# 20/40 sand, 50,800# 16/30 sand, and 1002 bbls. Avg TP 2000 psi w/avg rate of 43 BPM. ISIP - 1900 psi.  
3-05-98 5114'-5135' 118,300# 20/40 sd in 482 bbls Delta Frac. Treated @ ave sfc press of 6850 psi w/ave rate of 27.3 bpm. ISIP: 1765 psi. Calc flush: 1303 gal. Actual flush: 1259 gal.  
04/19/07 Parted Rods Updated rod & tubing details.



**PERFORATION RECORD**

5-17-89	5386'-5396'	4 JSPF	40 holes
5-20-89	4950'-4961'	4 JSPF	44 holes
3-04-98	5114'-5118'	4 JSPF	16 holes
3-04-98	5131'-5135'	4 JSPF	16 holes



**Federal #31-4G-9-16**  
500 FNL & 1900 FEL  
NWNE Section 4-T9S-R16E  
Duchesne Co, Utah  
API #43-013-31228; Lease #U-30096

## Federal #42-4-9-16

Spud Date: 3/20/82  
 Put on Production: 6/22/82  
 GL: 5627' KB: 5641'

Initial Production: 121 BOPD, 430 MCFD  
 10 BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 9-5/8"  
 GRADE: K-55  
 WEIGHT: 36#  
 LENGTH: 8 JTS  
 DEPTH LANDED: 307'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 165 skx Class "G" cmt

### PRODUCTION CASING

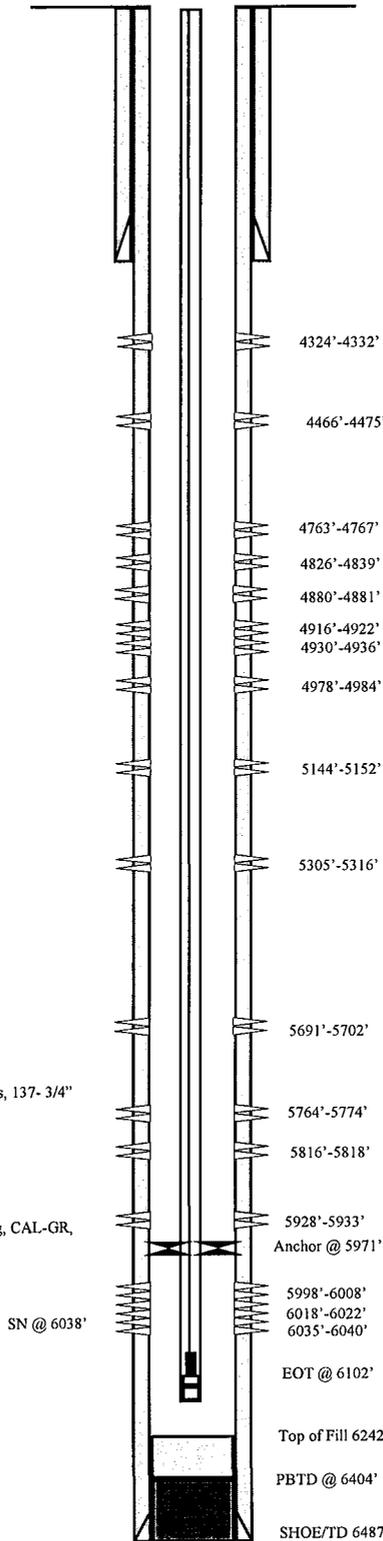
CSG SIZE: 5-1/2"  
 GRADE: N-80  
 WEIGHT: 17#  
 LENGTH: 165 jts  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 720 sx Ideal "G"  
 CEMENT TOP AT: ?  
 SET AT: 6483'

### TUBING

SIZE/GRADE/WT: 2-3/8", J-55, 4.7#  
 NO. OF JOINTS: 193 jts (5956.99')  
 TUBING ANCHOR: 5970.99' KB  
 NO. OF JOINTS: 2 jts (64.15')  
 SEATING NIPPLE: 2-3/8"  
 SN LANDED AT: 6037.89' KB  
 NO. OF JOINTS: 2 jt (62.18')  
 TOTAL STRING LENGTH: EOT @ 6101.55' W/14' KB

### SUCKER RODS

POLISHED ROD: 1 1/4" x 26'  
 SUCKER RODS: 8- 1 1/2" weighted rods, 10- 3/4" scraped rods, 137- 3/4" plain rods, 84 -7/8" scraped rods, 1-2', 1-6' x 3/4" pony rods.  
 PUMP SIZE: 2" x 1-1/2" x 16'  
 STROKE LENGTH: 55"  
 PUMP SPEED, SPM: 6 SPM  
 LOGS: DIL-GR-SP, FDC-CNL-CAL-CGR-SGR, Prox-Micro Log, CAL-GR, BHC Sonic Cal "F" Log, Litho Density-GR



### FRAC JOB

5/12/82	5144'-5152'	27,100 lbs. sand in 365 bbl frac fluid Screened out.
5/20/82	4978'-4984'	69,000 lbs. sand in 657 bbl. frac fluid. Avg treating press. 1750 psi @ 25 bpm. ISIP 2100 psi. Calc. flush: 4978 gal. Actual flush: 2020 gal.
5/27/82	4763'-4881'	165,000 lbs. sand in 1542 bbl. frac fluid. Avg treating press. 2100 psi @ 31 bpm. ISIP 2130 psi. Calc. flush: 4763 gal. Actual flush: 4800 gal.
01/10/03	4818'-4831'	<b>Frac D3 sands as follows:</b> 25,000# 20/40 sand in YF 125 fluid. Treated @ avg press of 3457 psi w/avg rate of 16.3 BPM. ISIP 1855 psi. Calc. flush:-1222 gal. Actual flush: 1171 gal.
01/10/03	4587'-4702'	<b>Frac DS1 sands as follows:</b> 149,640# 20/40 sand in YF 125 fluid. Treated @ avg press of 1598 psi w/avg rate of 23.8 BPM. ISIP 1998 psi. Calc. flush:4585 gal. Actual flush: 5200 gal.
01/11/03	4206'-4298'	<b>Frac GB sands as follows:</b> 50,120# 20/40 sand in 471 bbls YF 125 fluid. Treated @ avg press of 2162 psi w/avg rate of 23.6 BPM. ISIP 2060 psi. Calc. flush: 4206 gal. Actual flush: 4168 gal.
01/24/03	5928'-6040'	<b>Frac CP4/BS sands as follows:</b> 50,473# 20/40 sand in 387 bbls YF 125 fluid. Treated @ avg. press. of 3962 psi w/avg rate of 17.1 BPM. ISIP-2038 psi. Calc. Flush:1538 gal. Actual flush: 1432 gal.
01/24/03	5691'-5818'	<b>Frac CP.5 &amp; CP2 sands as follows:</b> 59,956# 20/40 sand in 453 bbls YF 125 fluid. Treated @ avg press of 3637 psi w/avg rate of 17.1 BPM. ISIP-1975 psi. Calc. Flush:1484 gal. Actual flush: 1354 gal.
01/25/03	5305'-5316'	<b>Frac A3 sands as follows:</b> 20,595# 20/40 sand in 177 bbls YF 125 fluid. Treated @ avg press of 3860 psi w/avg rate of 16.5 BPM. ISIP-1945 psi. Calc. Flush:1390 gal. Actual flush: 1278 gal.
01/25/03	4916'-4936'	<b>Frac D3 sands as follows:</b> 25,002# 20/40 sand in 211 bbls YF 125 fluid. Treated @ avg press of 4063 psi w/avg rate of 16.8 BPM. ISIP-2830 psi. Calc. Flush:1239 gal. Actual flush: 1153 gal.
01/25/03	4324'-4475'	<b>Frac GB4 &amp; PB7 sands as follows:</b> 61,399# 20/40 sand in 478 bbls YF 125 fluid. Treated @ avg press of 2493 psi w/avg rate of 18.7 BPM. ISIP-2828 psi. Calc. Flush:4324 gal. Actual flush: 4093 gal.

### PERFORATION RECORD

5/16/82	5144'-5152'	3 JSPF	24 holes
6/18/82	4978'-4984'	3 JSPF	18 holes
5/26/82	4763', 4766', 4767', 4826', 4829', 4830', 4831', 4832', 4834', 4838', 4839', 4880', 4881'	1 JSPF	13 holes
01/23/03	4324'-4332'	4 JSPF	32 holes
01/23/03	4466'-4475'	4 JSPF	36 holes
01/23/03	4916'-4922'	4 JSPF	24 holes
01/23/03	4930'-4936'	4 JSPF	24 holes
01/23/03	5305'-5316'	4 JSPF	44 holes
01/23/03	5691'-5702'	4 JSPF	44 holes
01/23/03	5764'-5774'	4 JSPF	40 holes
01/23/03	5816'-5818'	4 JSPF	8 holes
01/23/03	5928'-5933'	4 JSPF	20 holes
01/23/03	5998'-6008'	4 JSPF	40 holes
01/23/03	6018'-6022'	4 JSPF	16 holes
01/23/03	6035'-6040'	4 JSPF	20 holes

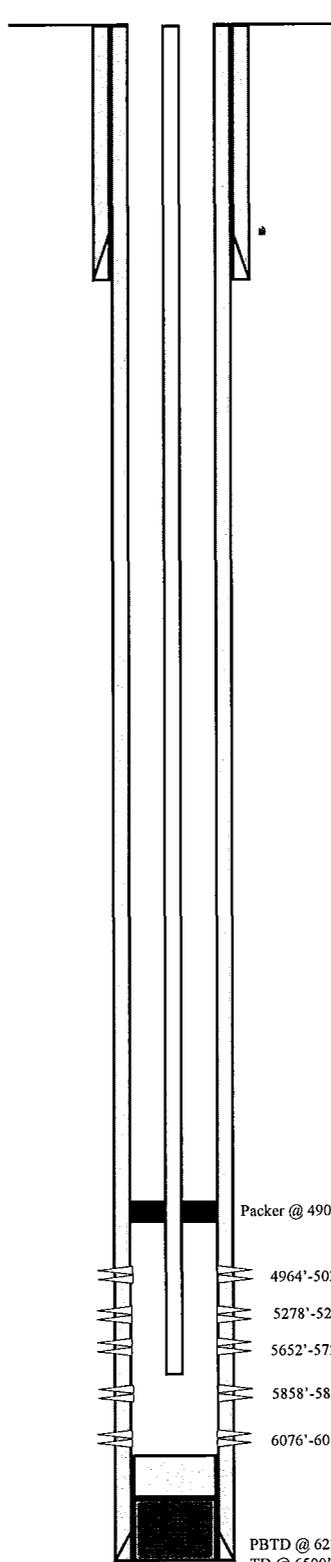


**Federal #42-4-9-16**  
 2135' FNL 515' FEL  
 SENE Section 4-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-30638; Lease #U-30096

## Federal #14-34B

Initial Production: 182 BOPD,  
320 MCFPD, 21 BWPD

Injection Diagram



### FRAC JOB

6076'-6088'	500 gal acid, could not frac
5858'-5868'	49,000# 20/40 sand, 50,800# 16/30 sand, 1024 bbl gel water
5652'-5726'	72,000# 20/40, 60,000# 16/30 sand 1496 bbl gel water
5278'-5286'	500 gal 1/2% HCl - frac w/33,000# 20/40 sand, 39,500# 16/30 sand 781 bbl gel water
4964'-5038'	74,000# 20/40 sand, 73,000# 16/30 sand 1603 bbls gel water

### PERFORATION RECORD

6076'-6088'	4 JSPF	48 holes
5858'-5868'	4 JSPF	40 holes
5652'-5726'	4 JSPF	296 holes
5278'-5286'	4 JSPF	32 holes
4964'-5038'	4 JSPF	296 holes

Packer @ 4905'

4964'-5038' D1/D2

5278'-5286' B2

5652'-5726' LODC

5858'-5868' CP.5

6076'-6088' CP4

PBTD @ 6237'  
TD @ 6500'

## NEWFIELD

Federal #14-34B  
660 FSL 660 FWL  
SWSW Section 34-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31225; Lease #U-47171

# South Wells Draw #3-3

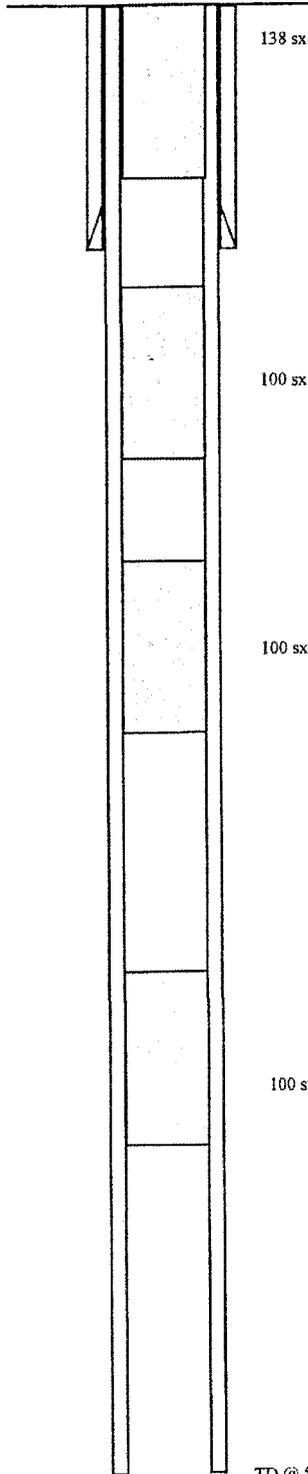
Spud Date: 5/22/00  
Put on Production: Well was P&A  
GL: 5522' KB: 5632'

Initial Production: Well was P&A 5/30/00

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (303.9')  
DEPTH LANDED: 301.5'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 141 sx Class "G" plus additives

P & A  
Wellbore Diagram



138 sx Class "G" @ 337'- surface

## PLUGGING DETAIL:

Plugged hole with total of 438 sx Class "G" cmt plus additives. Welded on dry hole marker. Cleaned pits and released rig on 5/30/00. Plugging operations were witnessed by Bill Owens from Vernal District BLM office.

100 sx Class "G" @ 1611'-1811'

100 sx Class "G" @ 4786'-4986'

100 sx Class "G" @ 5525'-5725'

TD @ 5970'



South Wells Draw #3-3  
469' FNL and 2169' FWL  
NENW Section 3-T9S-R16E  
Duchesne Co, Utah

API #43-013-32136 Lease #U-77338

BDH 4/26/01

**Multi-Chem Group, LLC**

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

**Water Analysis Report**

Production Company: **NEWFIELD PRODUCTION (158)**  
Well Name: **Monument Butte Injection**  
Sample Point: **Before Desilter**  
Sample Date: **1 /1 /2010**  
Sales Rep: **Randy Huber**  
Lab Tech: **John Keel**

Sample ID: **WA-35260**

Sample Specifics		Analysis @ Properties in Sample Specifics					
Test Date:	1/5/2010	<b>Cations</b>		<b>mg/L</b>	<b>Anions</b>		<b>mg/L</b>
Temperature (°F):	90	Calcium (Ca):	40.00	Chloride (Cl):	6000.00		
Sample Pressure (psig):	0	Magnesium (Mg):	24.40	Sulfate (SO <sub>4</sub> ):	140.00		
Specific Gravity (g/cm <sup>3</sup> ):	1.0040	Barium (Ba):	14.00	Dissolved CO <sub>2</sub> :	-		
pH:	9.1	Strontium (Sr):	-	Bicarbonate (HCO <sub>3</sub> ):	780.00		
Turbidity (NTU):	-	Sodium (Na):	4139.00	Carbonate (CO <sub>3</sub> ):	-		
Calculated T.D.S. (mg/L):	11140	Potassium (K):	-	H <sub>2</sub> S:	-		
Molar Conductivity (µS/cm):	16879	Iron (Fe):	2.29	Phosphate (PO <sub>4</sub> ):	-		
Resitivity (Mohm):	0.5925	Manganese (Mn):	0.15	Silica (SiO <sub>2</sub> ):	-		
		Lithium (Li):	-	Fluoride (F):	-		
		Aluminum (Al):	-	Nitrate (NO <sub>3</sub> ):	-		
		Ammonia NH <sub>3</sub> :	-	Lead (Pb):	-		
				Zinc (Zn):	-		
				Bromine (Br):	-		
				Boron (B):	-		

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> · 2H <sub>2</sub> O		Calcium Sulfate CaSO <sub>4</sub>		Strontium Sulfate SrSO <sub>4</sub>		Barium Sulfate BaSO <sub>4</sub>		Calculated CO <sub>2</sub>
Temp °F	Gauge Press. psi	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
90	0	23.17	69.04	0.00	-2379.40	0.00	-2621.80	-	-	55.12	23.32	0.01
80	0	21.03	68.87	0.00	48.75	0.00	-2691.60	-	-	68.23	23.41	0.01
100	0	24.91	68.69	0.00	51.91	0.00	-2527.60	-	-	44.78	23.21	0.01
120	0	27.06	67.47	0.00	53.11	0.00	-2284.10	-	-	30.04	22.93	0.01
140	0	27.53	66.01	0.00	53.00	0.00	-1996.20	-	-	20.54	22.53	0.01
160	0	26.44	63.35	0.01	51.01	0.01	-1694.10	-	-	14.28	21.97	0.01
180	0	24.21	57.33	0.01	46.14	0.01	-1400.70	-	-	10.07	21.21	0.01
200	0	21.32	48.01	0.01	38.70	0.01	-1130.70	-	-	7.20	20.18	0.01
220	2.51	18.08	38.69	0.01	30.92	0.02	-903.37	-	-	5.11	18.72	0.01
240	10.3	15.10	30.38	0.01	23.66	0.03	-698.20	-	-	3.72	16.87	0.01
260	20.76	12.37	23.68	0.01	17.47	0.04	-526.95	-	-	2.73	14.44	0.01
280	34.54	9.96	18.46	0.01	12.31	0.07	-387.36	-	-	2.01	11.26	0.01
300	52.34	7.88	14.42	0.01	8.07	0.11	-276.02	-	-	1.48	7.11	0.01

**Conclusions:**

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F  
Gypsum Scaling Index is negative from 80°F to 300°F  
Calcium Sulfate Scaling Index is negative from 80°F to 300°F  
Strontium Sulfate scaling was not evaluated  
Barium Sulfate scale is indicated at all temperatures from 80°F to 300°F

**Notes:**

## Multi-Chem Group, LLC

Multi-Chem Analytical Laborator

1553 East Highway 40

Vernal, UT 84078

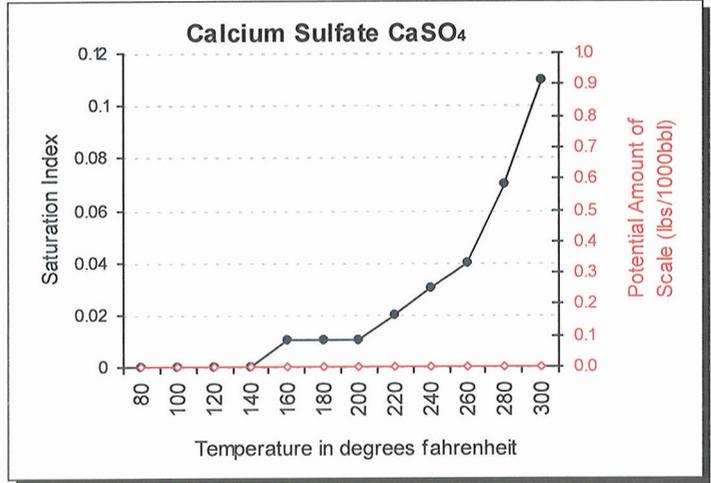
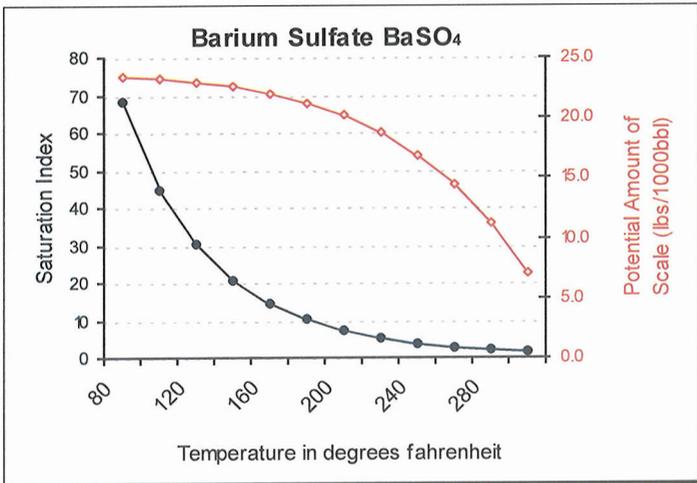
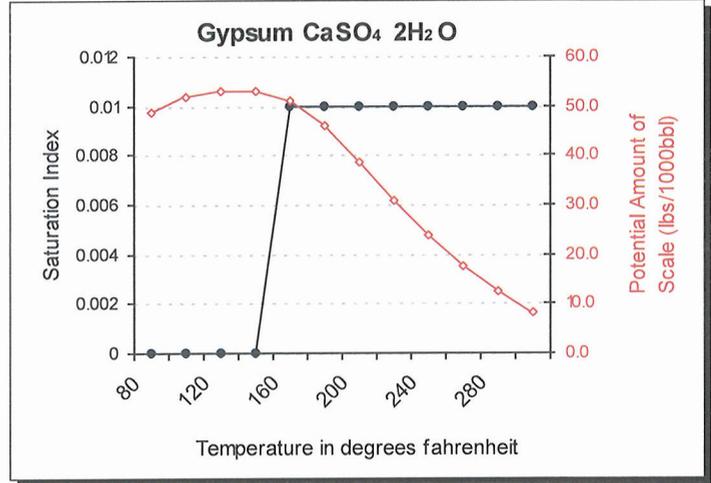
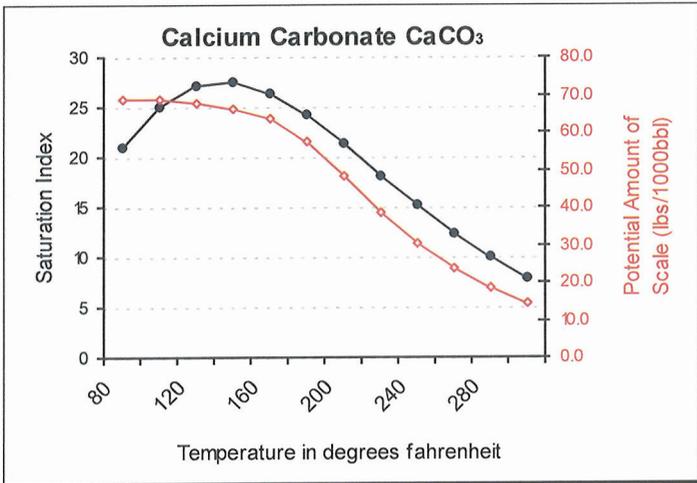


multi-chem®

### Scale Prediction Graphs

Well Name: **Monument Butte Injection**

Sample ID: **WA-35260**





3084

## Multi-Chem Group, LLC

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

multi-chem®

### Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**

Sample ID: **WA-48309**

Well Name: **federal 4-3-9-16**

Sample Point: **tank**

Sample Date: **10/15/2010**

Sales Rep: **Monty Frost**

Lab Tech: **Peter Poulsen**

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	10/18/2010	<b>Cations</b>		<b>Anions</b>	
Temperature (°F):	100		<b>mg/L</b>		<b>mg/L</b>
Sample Pressure (psig):		Calcium (Ca):	10.82	Chloride (Cl):	3000.00
Specific Gravity (g/cm³):	1.0080	Magnesium (Mg):	2.39	Sulfate (SO₄):	14.56
pH:	7.4	Barium (Ba):	3.60	Dissolved CO₂:	-
Turbidity (NTU):	-	Strontium (Sr):	-	Bicarbonate (HCO₃):	902.00
Calculated T.D.S. (mg/L)	6190	Sodium (Na):	2252.00	Carbonate (CO₃):	-
Molar Conductivity (µS/cm):	9378	Potassium (K):	-	H₂S:	-
Resistivity (Mohm):	1.0663	Iron (Fe):	4.35	Phosphate (PO₄):	-
		Manganese (Mn):	0.05	Silica (SiO₂):	-
		Lithium (Li):	-	Fluoride (F):	-
		Aluminum (Al):	-	Nitrate (NO₃):	-
		Ammonia NH₃:	-	Lead (Pb):	-
				Zinc (Zn):	-
				Bromine (Br):	-
				Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
Temp °F	Gauge Press. psi	Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
100		0.40	-4.46	0.00	-2054.20	0.00	-2165.90	-	-	1.93	2.67	0.98
80	0	0.29	-5.85	0.00	-14.91	0.00	-2308.70	-	-	2.91	3.75	0.45
100	0	0.40	-4.46	0.00	-11.63	0.00	-2165.90	-	-	1.93	2.67	0.56
120	0	0.51	-3.31	0.00	-9.11	0.00	-1959.40	-	-	1.31	1.25	0.63
140	0	0.63	-2.30	0.00	-7.14	0.00	-1718.30	-	-	0.91	-0.53	0.71
160	0	0.76	-1.42	0.00	-5.62	0.00	-1467.10	-	-	0.64	-2.73	0.80
180	0	0.88	-0.67	0.00	-4.46	0.00	-1224.10	-	-	0.46	-5.37	0.88
200	0	0.99	-0.03	0.00	-3.59	0.00	-1001.40	-	-	0.33	-8.47	0.89
220	2.51	1.08	0.43	0.00	-2.98	0.00	-813.08	-	-	0.24	-12.30	0.90
240	10.3	1.16	0.81	0.00	-2.51	0.00	-644.86	-	-	0.18	-16.50	0.92
260	20.76	1.21	1.06	0.00	-2.16	0.00	-504.63	-	-	0.13	-21.29	0.94
280	34.54	1.25	1.20	0.00	-1.92	0.00	-390.13	-	-	0.10	-26.70	0.95
300	52.34	1.26	1.25	0.00	-1.75	0.00	-298.25	-	-	0.08	-32.80	0.98

#### Conclusions:

Calcium Carbonate scale is indicated. See graph for appropriate temperature ranges.  
Gypsum Scaling Index is negative from 80°F to 300°F  
Calcium Sulfate Scaling Index is negative from 80°F to 300°F  
Strontium Sulfate scaling was not evaluated  
Barium Sulfate NO CONCLUSION

#### Notes:



## Multi-Chem Group, LLC

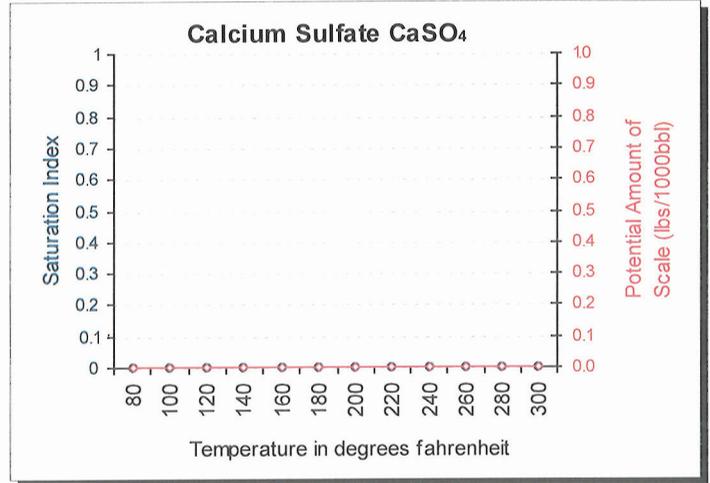
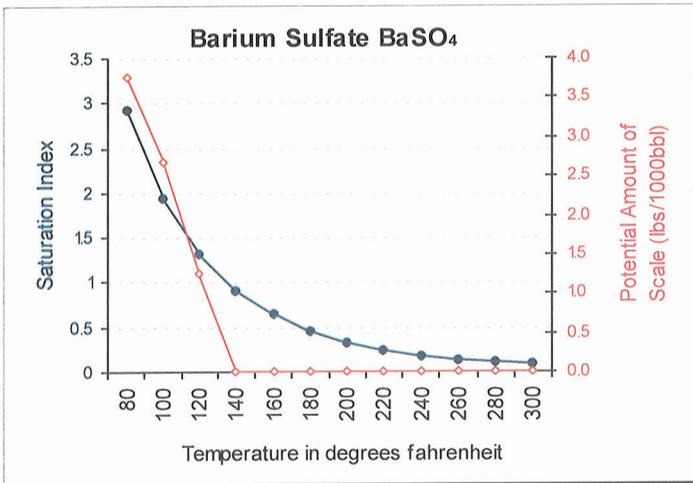
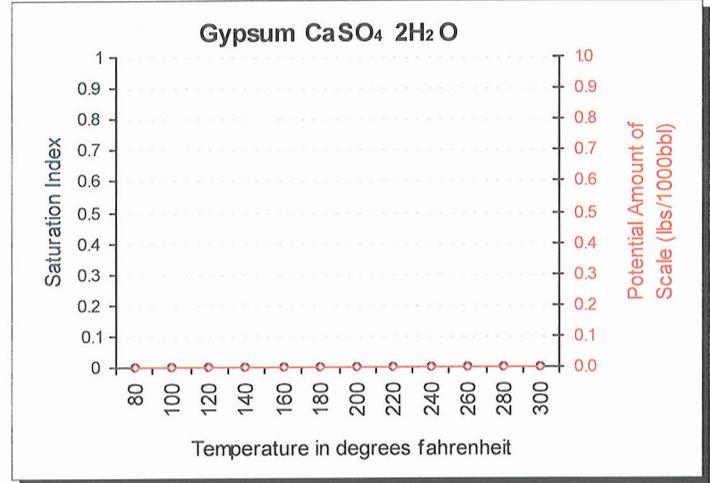
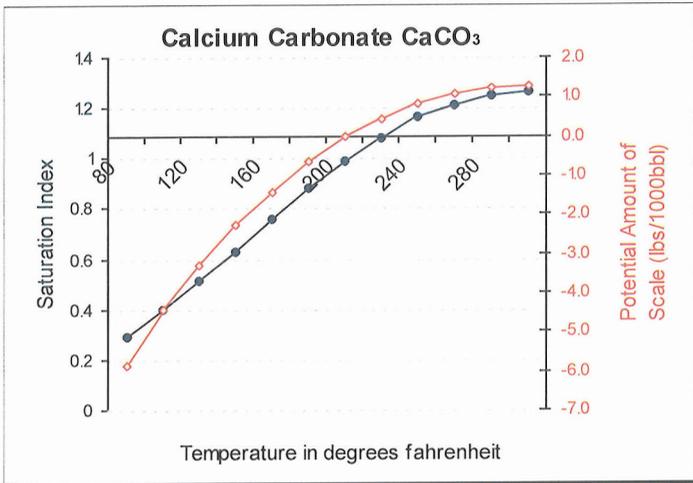
Multi-Chem Analytical Laboratory  
1553 East Highway 40  
Vernal, UT 84078

multi-chem®

### Scale Prediction Graphs

Well Name: **federal 4-3-9-16**

Sample ID: **WA-48309**



**Attachment "G"**

**South Wells Draw #4-3-9-16  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5794	5804	5799	2190	0.81	2152 ←
5608	5700	5654	2770	0.93	2734
5007	5218	5113	2280	0.89	2247
				<b>Minimum</b>	<u>2152</u>

Calculation of Maximum Surface Injection Pressure  

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

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

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



DAILY COMPLETION REPORT

WELL NAME: SWD 4-3-9-16 Report Date: 11/30/99 Completion Day: 01  
Present operation: Perf & frac zones Rig: LES #698

WELL STATUS

Surf Csg: 8 5/8 @ 326' KB Prod. Csg: 5 1/2 17# @ 2900' KB & 5 1/2 15.5# @ 5935' KB Csg PBTD: 5913'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: M-50 (B) Pkr/EOT: 0 BP/Sand PBTD: 5913'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots

CHRONOLOGICAL OPERATIONS

Date Work Performed: 29-Nov-99 SITP: 0 SICP: 0

MIRU LES #698. Install 5M frac head. NU BOP. Pressure test blind rams, Frac head seal & csg valves to 3000 psi. Talley, drift, PU & TIH W/ 4 3/4" bit, 5 1/2" csg scraper, SN & 190 jts 2 7/8 8rd 6.5# "B" grade M-50 tbg. Tag PBTD @ 5913'. Drop standing valve dn tbg & pump to SN. Pressured up to 2200 psi & tbg ruptured. TOH W/ tbg. LD jt #53 f/ top--split. LD bit & scraper. SIFN.

FLUID RECOVERY (BBLs)

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

STIMULATION DETAIL

Base Fluid used:   Job Type:    
Company:    
Procedure or Equipment detail:  
   
   
   
   
   
   
 

COSTS

LES rig	\$2,116
Water	\$330
Water truck	\$100
Trucking	\$1,100
Tbg ("B" grade M-50)	\$12,336
BOP	\$130
Rst labor	\$200
Loc. Preparation	\$300
CBL	\$1,500
Treat-O-clay	\$150
Tbg head	\$1,500
Drl cost	\$140,609
IPC Supervision	\$200
DAILY COST:	\$160,571
TOTAL WELL COST:	\$160,571

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



DAILY COMPLETION REPORT

WELL NAME: SWD 4-3-9-16 Report Date: 12/1/99 Completion Day: 2(a)
Present operation: Perf & frac zones Rig: LES #698

WELL STATUS

Surf Csg: 8 5/8 @ 326' KB Prod. Csg: 5 1/2 17# @ 2900' KB & 5 1/2 15.5# @ 5935' KB Csg PBTD: 5913'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: M-50 (B) Pkr/EOT: 0 BP/Sand PBTD: 5913'

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Includes data for CP sds at 5794-5800' and 5802-5804'.

CHRONOLOGICAL OPERATIONS

Date Work Performed: 30-Nov-99 SITP: 0 SICP: 0

NU BJ Services "Ram head" flange to BOP. RU Weatherford W.L.T. and perf CP sds @ 5794-5800' & 5802-5804' W/ 4 JSPF. RU BJ Services and frac CP sds W/ 52,187# of 20/40 sd in 370 bbls Viking I-25 fluid. Perfs broke dn @ 2736 psi. Treated @ ave press of 1730 psi W/ ave rate of 25.9 BPM. ISIP-2190 psi, 5 min-2130 psi. Leave pressure on well. Est 464 BWTR.
See day 2(b)

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 0 Starting oil rec to date: 0
Fluid lost/recovered today: 464 Oil lost/recovered today:
Ending fluid to be recovered: 464 Cum oil recovered: 0
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Viking I-25 Job Type: Sand frac
Company: BJ Services
Procedure or Equipment detail:
2100 gal of pad
1100 gal W/ 1-5 ppg of 20/40 sand
5000 gal W/ 5-8 ppg of 20/40 sand
1628 gal W/ 8-9 ppg of 20/40 sand
Flush W/ 5712 gals of Slick water

COSTS

Table with 2 columns: Item, Cost. Includes LES rig (\$532), BOP (\$130), Water trk (\$250), HO trk (\$300), BJ sevice (\$17,890), Weatherford W.L.T. (\$900), IPC Supervision (\$100).

Max TP: 1900 Max Rate: 26.3 Total fluid pmpd: 370 bbls
Avg TP: 1730 Avg Rate: 25.9 Total Prop pmpd: 52,187#
ISIP: 2190 5 min: 2130 10 min: 15 min:

Completion Supervisor: Gary Dietz

DAILY COST: \$20,102
TOTAL WELL COST: \$180,673



DAILY COMPLETION REPORT

WELL NAME: SWD 4-3-9-16 Report Date: 12/1/99 Completion Day: 2(b)
Present operation: Perf & frac zones Rig: LES #698

WELL STATUS

Surf Csg: 8 5/8 @ 326' KB Prod. Csg: 5 1/2 17# @ 2900' KB & 5 1/2 15.5# @ 5935' KB Csg PBDT: 5913'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: M-50 (B) Pkr/EOT: 0 BP/Sand PBDT: 5720'

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Rows include LDC sds and CP sds at various depths.

CHRONOLOGICAL OPERATIONS

Date Work Performed: 30-Nov-99 SITP: 0 SICP: 0
RU Weatherford W.L.T. & run 5 1/2" "HE" RBP & 4" perf gun. Set plug @ 5720'. Perf LDC sds @ 5608-18', 5621-33', 5640-46', 5652-62', 5666-86' & 5690-5700' W/ 2 JSPF (3 runs total). Bleed remaining pressure off well--recovered 2 BTF. RU BJ and frac LDC sds W/ 124,100# 20/40 sd in 637 bbls Viking I-25 fluid. Perfs broke dn @ 3611 psi. Treated @ ave press of 2000 psi W/ ave rate of 35.8 BPM. ISIP-2770 psi, 5 min-2620 psi. Leave pressure on well. Est 1099 BWTR.
See day 2(c)

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 464 Starting oil rec to date: 0
Fluid lost/recovered today: 635 Oil lost/recovered today:
Ending fluid to be recovered: 1099 Cum oil recovered: 0
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Viking I-25 Job Type: Sand frac
Company: BJ Services
Procedure or Equipment detail:
3400 gal of pad
1100 gal W/ 1-5 ppg of 20/40 sand
12600 gal W/ 5-8 ppg of 20/40 sand
4192 gal W/ 8-9 ppg of 20/40 sand
Flush W/ 5460 gal of Slick water

COSTS

LES rig \$532
BJ services \$18,166
Weatherford W.L.T. \$4,224
"HE" RBP \$600
IPC Supervision \$100

Max TP: 2180 Max Rate: 36 Total fluid pmpd: 637 bbls
Avg TP: 2000 Avg Rate: 35.8 Total Prop pmpd: 124,100#
ISIP: 2770 5 min: 2620 10 min: 15 min:
Completion Supervisor: Gary Dietz

DAILY COST: \$23,622
TOTAL WELL COST: \$204,295



DAILY COMPLETION REPORT

WELL NAME: SWD 4-3-9-16 Report Date: 12/1/99 Completion Day: 2(c)

Present operation: Spot acid/re-perf & frac D/Bi-carb/B sds Rig: LES #698

WELL STATUS

Surf Csg: 8 5/8 @ 326' KB Prod. Csg: 5 1/2 17# @ 2900' KB & 5 1/2 15.5# @ 5935' KB Csg PBTD: 5913'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: M-50 (B) Pkr/EOT: 4863' BP/Sand PBTD: 5250'

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Rows include D sds, Bi-Carb, B sds, LDC sds, and LDC sds with corresponding perforation data.

CHRONOLOGICAL OPERATIONS

Date Work Performed: 30-Nov-99 SITP: 0 SICP: 0

RU Weatherford W.L.T. & run 5 1/2" "HE" RBP & 4" perf gun. Set plug @ 5250'. Perf D/Bi-carb/B sds @ 5007-10', 5132-5138' & 5214-18' W/ 4 JSPF. RD W.L.T. Bleed remaining pressure off well--recovered 2 BTF. RU BJ Services to frac D/Bi-carb/B sds. Unable to break down perfs. Made several attempts @ pressuring up & surging pressure off. Maximum attempted pressure of 4800 psi. Little to no leak-off. RD BJ. TIH W/ NC & tbg to 4863'. Displaced 10 BTF on TIH. SIFN W/ est 1087 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1099 Starting oil rec to date: 0
Fluid lost/recovered today: 12 Oil lost/recovered today:
Ending fluid to be recovered: 1087 Cum oil recovered: 0
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

Table with 2 columns: Cost Item, Amount. Items include LES rig (\$532), Weatherford W.L.T. (\$1,490), "HE" RBP (\$600), IPC Supervision (\$100).

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: 15 min:

Completion Supervisor: Gary Dietz

DAILY COST: \$2,722
TOTAL WELL COST: \$207,017





DAILY COMPLETION REPORT

WELL NAME: SWD 4-3-9-16 Report Date: 12/3/99 Completion Day: 4  
Present operation: C/O PBSD/ swab well Rig: LES #698

WELL STATUS

Surf Csg: 8 5/8 @ 326' KB Prod. Csg: 5 1/2 17# @ 2900' KB & 5 1/2 15.5# @ 5935' KB Csg PBDT: 5913'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: M-50 (B) Pkr/EOT: 2999' BP/Sand PBDT: 5913'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D sds	5007-5010'	4/12	LDC sds	5652-5662'	2/20
Bi-Carb	5132-5138'	4/24	LDC sds	5666-5686'	2/40
B sds	5214-5218'	4/16	LDC sds	5690-5700'	2/20
LDC sds	5608-18',21-33'	2/44	CP sds	5794-5800'	4/24
LDC sds	5640-5646'	2/12	CP sds	5802-5804'	4/8

CHRONOLOGICAL OPERATIONS

Date Work Performed: 02-Dec-99 SITP: 300 SICP: 250

Bleed off tbg & csg (rec est 25 BTF W/ 10% oil f/ tbg). Well flowing small amount. Pull 10 jts tbg--csg began flowing oil & gas. RU & rev circ hole. Recovered approx. 40 BO & lost 40 BW. Well flowing small amount. Con't TOH W/ tbg & RBP f/ 4605'. LD plug. TIH W/ RH & tbg. Estimated well flowed back & tbg displaced add'l 29 BW. Tag sand @ 5615'. C/O sand to RBP @ 5720'. Circ hole clean ( perfs giving up sand for extended period of time). Lost no add'l fluid, recovered some oil & gas during circulation. Release plug. TOH W/ tbg & RBP to 2999'. SIFN W/ est. 1593 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1607 Starting oil rec to date: 0  
Fluid lost/recovered today: 14 Oil lost/recovered today: 40  
Ending fluid to be recovered: 1593 Cum oil recovered: 40  
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Job Type:  
Company:  
Procedure or Equipment detail:

LES rig	\$1,722
BOP	\$130
IPC Supervision	\$200

Max TP: Max Rate: Total fluid pmpd:  
Avg TP: Avg Rate: Total Prop pmpd:  
ISIP: 5 min: 10 min: 15 min:

DAILY COST: \$2,052  
TOTAL WELL COST: \$235,771

Completion Supervisor: Gary Dietz



DAILY COMPLETION REPORT

WELL NAME: SWD 4-3-9-16 Report Date: 12/4/99 Completion Day: 5  
Present operation: Swab & flow well/ Trip production tbq Rig: LES #698

WELL STATUS

Surf Csg: 8 5/8 @ 326' KB Prod. Csg: 5 1/2 17# @ 2900' KB & 5 1/2 15.5# @ 5935' KB Csg PBDT: 5913'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: M-50 (B) Pkr/EOT: 5736' BP/Sand PBDT: 5913'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D sds	5007-5010'	4/12	LDC sds	5652-5662'	2/20
Bi-Carb	5132-5138'	4/24	LDC sds	5666-5686'	2/40
B sds	5214-5218'	4/16	LDC sds	5690-5700'	2/20
LDC sds	5608-18',21-33'	2/44	CP sds	5794-5800'	4/24
LDC sds	5640-5646'	2/12	CP sds	5802-5804'	4/8

CHRONOLOGICAL OPERATIONS

Date Work Performed: 03-Dec-99 SITP: 50 SICP: 50

Open well up--flowing water & tr oil & gas. RU & rev circ well. Recovered est 20 BO, lost 20 BW. Con't TOH W/ tbq f/ 2999'. LD plug. TIH W/ pinned NC, SN & tbq to 4600'. Well blew in. Rev circ hole. Rec est 20 BO, lost 20 BW. Con't TIH W/ tbq. Recovered est 26 BW during trip (flowing & displacement). Tag sd @ 5798'. C/O sd to PBDT @ 5913'. Circ hole clean. Recovering traces of oil & gas W/ circulation. Well flowing small amount. Pull EOT to 5736'. RU swab equip. IFL @ sfc. Made 6 swab runs total W/ well flowing intermittently between runs. Rec 45 BTF (est 30 BW, 15 BO) W/ est 60% oil on last sample. Small tr sd in samples. FFL between sfc & 400'. RU line to production tanks. Run sandline in hole to 3000' & pack off lubricator. Leave tbq open to production tanks overnight. Est 1577 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1593 Starting oil rec to date: 40  
Fluid lost/recovered today: 16 Oil lost/recovered today: 40  
Ending fluid to be recovered: 1577 Cum oil recovered: 80  
IFL: sfc FFL: sfc-400' FTP: Choke: Final Fluid Rate: Final oil cut: 60%

STIMULATION DETAIL

Base Fluid used: Job Type:  
Company:  
Procedure or Equipment detail:

COSTS

LES rig \$1,909  
BOP \$130  
IPC Supervision \$200

Max TP: Max Rate: Total fluid pmpd:  
Avg TP: Avg Rate: Total Prop pmpd:  
ISIP: 5 min: 10 min: 15 min:

Completion Supervisor: Gary Dietz

DAILY COST: \$2,239  
TOTAL WELL COST: \$238,010



DAILY COMPLETION REPORT

WELL NAME: SWD 4-3-9-16 Report Date: 12/5/99 Completion Day: 6  
Present operation: Fish standing valve/Land tbg string/ PU rod string Rig: LES #698

WELL STATUS

Surf Csg: 8 5/8 @ 326' KB Prod. Csg: 5 1/2 17# @ 2900' KB & 5 1/2 15.5# @ 5935' KB Csg PBDT: 5913'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: M-50 (B) Pkr/EOT: 5709' BP/Sand PBDT: 5913'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D sds	5007-5010'	4/12	LDC sds	5652-5662'	2/20
Bi-Carb	5132-5138'	4/24	LDC sds	5666-5686'	2/40
B sds	5214-5218'	4/16	LDC sds	5690-5700'	2/20
LDC sds	5608-18',21-33'	2/44	CP sds	5794-5800'	4/24
LDC sds	5640-5646'	2/12	CP sds	5802-5804'	4/8

CHRONOLOGICAL OPERATIONS

Date Work Performed: 04-Dec-99 SITP: 0 SICP: 50

Pull swab out of hole f/ 3000'. Well began flowing intermittently to prod. Tk. Tbg plugging off & well won't flow. Unable to get swab in hole. Rec 30 BO, no wtr. No sand. Rev circ hole W/ wtr. Lost est 40 BW, rec add'l 20 BO. Well still flowing small amount. RIH W/ tbg. Tag PBDT @ 5913'--no fill. LD excess tbg. TOH W/ tbg, SN & NC. TIH W/ production tbg as follows: 2 7/8 bullplug W/ collar, 3 jts tbg, "PBGA" joint, SN, 1 jt tbg, repaired Randy's 5 1/2" TA (40K), 178 jts 2 7/8 8rd 6.5# M-50 tbg. Ran standing valve in place in SN. Pressure tested tbg string to 2000 psi in 20 jt increments--all tested good. Estimated flowing & displacement recovered 23 BW during trip. SIFN W/ EOT @ 5709'. Est 1594 BWTR.

FLUID RECOVERY (BLS)

Starting fluid load to be recovered: 1577 Starting oil rec to date: 80  
 Fluid lost/recovered today: 17 Oil lost/recovered today: 50  
 Ending fluid to be recovered: 1594 Cum oil recovered: 130  
 IFL: sfc FFL: sfc FTP: Choke: Final Fluid Rate: Final oil cut: 100%

STIMULATION DETAIL

Base Fluid used: Job Type:  
 Company:  
 Procedure or Equipment detail:

COSTS

LES rig	\$1,745
BOP	\$130
TA & SN	\$550
Tank (1 X 7 days)	\$70
IPC Supervision	\$200

Max TP: Max Rate: Total fluid pmpd:  
 Avg TP: Avg Rate: Total Prop pmpd:  
 ISIP: 5 min: 10 min: 15 min:

Completion Supervisor: Gary Dietz

DAILY COST: \$2,695  
TOTAL WELL COST: \$240,705



DAILY COMPLETION REPORT

WELL NAME: SWD 4-3-9-16 Report Date: 12/07/99 Completion Day: 7

Present operation: FINISH RUNNING ROD STRING Rig: LES #698

WELL STATUS

Surf Csg: 8 5/8 @ 326' KB Prod. Csg: 5 1/2 17# @ 2900' KB & 5 1/2 15.5# @ 5935' KB Csg PBDT: 5913'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: M-50 (B) Pkr/EOT: 5715.07 BP/Sand PBDT: 5913'

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Rows include D sds, Bi-Carb, B sds, LDC sds, and CP sds.

CHRONOLOGICAL OPERATIONS

Date Work Performed: 06-Dec-99 SITP: 0 SICP: 75

RU Hot oilier & reverse circulate w/170bbls water @ 225°F. Bleed down well & RIH w/overshot on sandline and fish SV. Flush tbg w/ 40bbls water @ 180°F. RD tbg equipment, Nipple down BOP's & frac head, and install TBG hanger. Set TA W/ 15" stretch @5557.08'. Land TBG. EOT @ 5715.07', SN @ 5591'. Install 10.5' dip tube on Randy's RHAC pump. Test pump and TIH w/ "B" grade rod string as follows; RHAC pump, 4-1" scraped rods, 5- 7/8" plain, 6-3/4" scraped, 114-3/4" plain, 29-3/4" scraped. SWIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1594 Starting oil rec to date: 130
Fluid lost/recovered today: 20 Oil lost/recovered today:
Ending fluid to be recovered: 1614 Cum oil recovered:
IFL: sfc FFL: 300' FTP: 0 Choke: Final Fluid Rate: Final oil cut: 100%

STIMULATION DETAIL

COSTS

Base Fluid used: Job Type:
Company:
Procedure or Equipment detail:

Table with 2 columns: Item, Cost. Rows include LES rig (\$1,383), HOT (\$1,048), WATER TRUCK (\$60), Tank (\$10), IPC Supervision (\$200).

Max TP: Max Rate: Total fluid pmpd:
Avg TP: Avg Rate: Total Prop pmpd:
ISIP: 5 min: 10 min: 15 min:

DAILY COST: \$2,701
TOTAL WELL COST: \$243,406

Completion Supervisor: PAT WISENER



DAILY COMPLETION REPORT

WELL NAME: SWD 4-3-9-16 Report Date: 12/8/99 Completion Day: 8  
Present operation: Well on production Rig: LES #698

WELL STATUS

Surf Csg: 8 5/8 @ 326' KB Prod. Csg: 5 1/2 17# @ 2900' KB & 5 1/2 15.5# @ 5935' KB Csg PBDT: 5913'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: M-50 (B) Pkr/EOT: 5715' BP/Sand PBDT: 5913'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D sds	5007-5010'	4/12	LDC sds	5652-5662'	2/20
Bi-carb	5132-5138'	4/24	LDC sds	5666-5686'	2/40
B sds	5214-5218'	4/16	LDC sds	5690-5700'	2/20
LDC sds	5608-18',21-33'	2/44	CP sds	5794-5800'	4/24
LDC sds	5640-5646'	2/12	CP sds	5802-5804'	4/8

CHRONOLOGICAL OPERATIONS

Date Work Performed: 07-Dec-99 SITP: 0 SICP: 0

Con't PU & RIH W/ rod string f/ 3950'. Complete as follows: Randy's repaired 2 1/2" X 1 1/2" X 16' RHAC pump W/ 10.5' diptube, 4-1" scraped rods, 5-7/8" plain rods, 6-3/4" scraped rods, 114-3/4" plain rods, 93-3/4" scraped rods, 1-8", 1-6", 1-2' X 3/4" pony rods, 1 1/2" X 22' polished rod. Seat pump. Fill tbg W/ 1 BW. Press test pump & tbg to 300 psi. Stroke pump up W/ unit to 850 psi. Good pump action. RU pumping unit. RDMOSU. Place well on production @ 12:00 PM 12/7/99 W/ 74" SL @ 6 SPM. Est 1615 BWTR f/ completion.

FINAL REPORT!!

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1614 Starting oil rec to date: 130  
Fluid lost/recovered today: 1 Oil lost/recovered today: 0  
Ending fluid to be recovered: 1615 Cum oil recovered: 130  
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

COSTS

LES rig	\$540
Trucking	\$300
Rod pump (B)	\$900
B grade rod string	\$6,122
Loc. Cleanup	\$300
Pit reclaim	\$1,000
Water disposal	\$800
Sfc equipment	\$77,064
Frac head rental (est)	\$200
PBGA jt & diptube	\$100
IPC Supervision	\$200

PRODUCTION TBG STRING DETAIL:

KB 13.00'  
178 2 7/8 M-50 tbg (5547.08')  
TA (2.80' @ 5557.08' KB)  
1 2 7/8 M-50 tbg (31.26')  
SN (1.10' @ 5591.14' KB)  
"PBGA" jt (31.05')  
3 2 7/8 M-50 tbg (90.98')  
2 7/8 bullplug/collar (.80')  
EOT @ 5715.07' W/ 13' KB

ROD STRING DETAIL:

1 1/2" X 22' polished rod  
1-8", 1-6", 1-2' X 3/4" ponies  
93-3/4" scraped rods  
114-3/4" plain rods  
6-3/4" scraped rods  
5-7/8" plain rods  
4-1" scraped rods  
Randy's 2 1/2 X 1 1/2 X 16'  
RHAC pump W/ 10.5' diptube

TA & pump f/ AF 9-1-9-15

Rods f/ TSF 7-30-8-17

Completion Supervisor: Gary Dietz

DAILY COST: \$87,526  
TOTAL WELL COST: \$330,932

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4957'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 182' balance plug using 21 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Perforate 4 JSPF @ 376'
6. Plug #4 Circulate 106 sx Class "G" cement down 5 1/2" and up the 5 1/2" x 8 5/8" annulus

The approximate cost to plug and abandon this well is \$42,000.

## South Wells Draw #4-3

Initial Production: 56 BOPD, 53 MCFD  
0 BWPD

Spud Date: 11/07/99  
Put on Production: 12/07/99  
GL: 5654' KB: 5667'

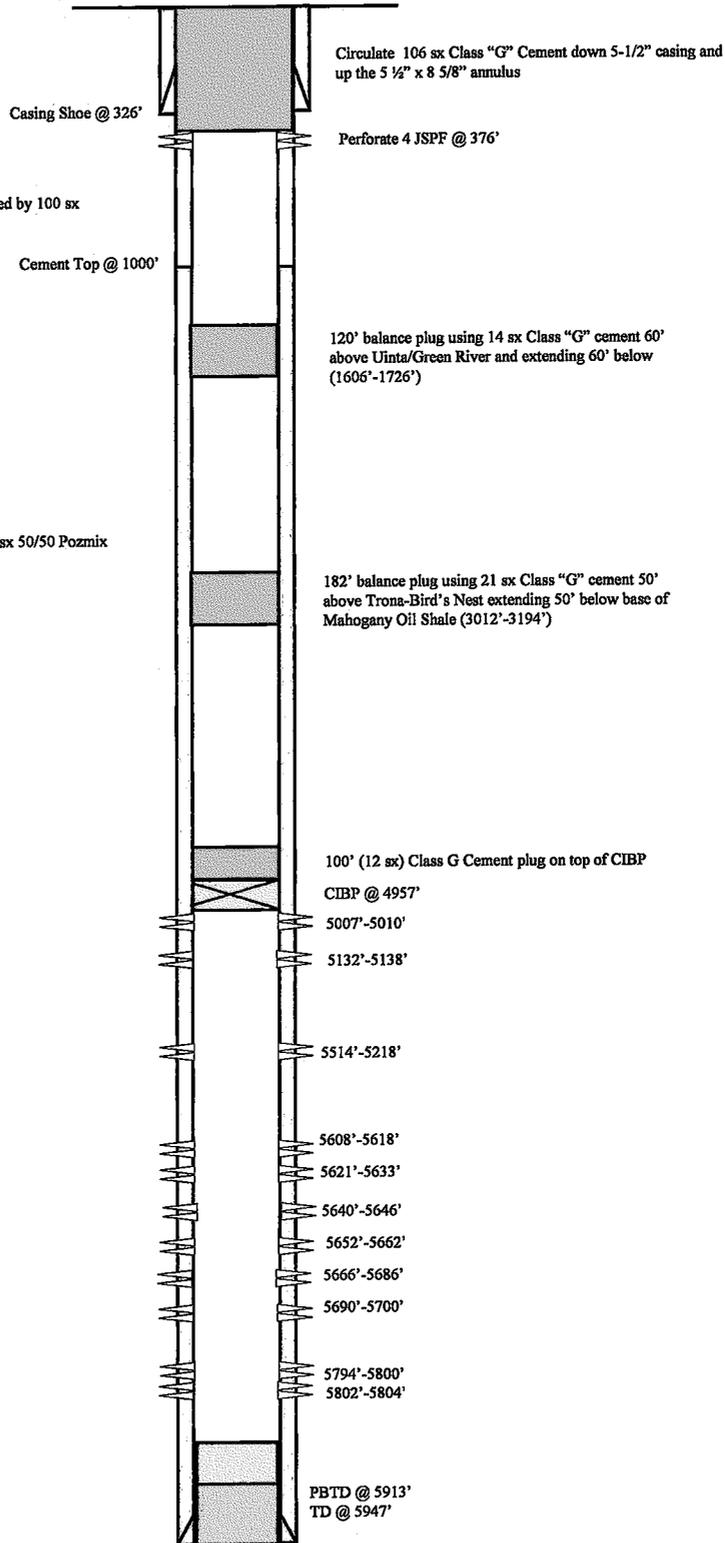
### Proposed P & A Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7jts (328.29')  
DEPTH LANDED: 325.99'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 141 sx Class "G" plus additives; followed by 100 sx Class "G" cmt.

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55 and N-80  
WEIGHT: 15.5# and 17#  
LENGTH: 142 jts (5939.10')  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 285 sxs PremLite II; followed by 391 sx 50/50 Pozmix plus additives.  
SET AT: 5934.80'  
CEMENT TOP: 1000'



South Wells Draw #4-3  
789' FNL and 754' FWL  
NWNW Section 3-T9S-R16E  
Duchesne Co, Utah  
API #43-013-32096 Lease #UTU-77338

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)  
435 646 3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
789 FNL 754 FWL  
NWNW Section 3 T9S R16E

5. Lease Serial No.

USA UTU-77338

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.  
S WELLS DRAW 4-3-9-16

9. API Well No.  
4301332096

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

11. County or Parish, State  
DUCHESNE, UT

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

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

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

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

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Jill Loyle

Signature

Title

Regulatory Technician

Date

4 Jan 2011

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

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

Title

Date

Office

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

(Instructions on page 2)

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

The Salt Lake Tribune MEDIA One  
 RECEIVED AGENCY COMPANY  
 WWW.SLTTRIB.COM

Deseret News  
 WWW.DESERETNEWS.COM

PROOF OF PUBLICATION FEB 07 2011

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	DIV OF OIL, GAS & MINING ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING,  1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	1/28/2011

12 → 205

ACCOUNT NAME			
DIV OF OIL-GAS & MINING,			
TELEPHONE		ADORDER# / INVOICE NUMBER	
8015385340		0000658258 /	
SCHEDULE			
Start 01/27/2011		End 01/27/2011	
CUST. REF. NO.			
Cause #UIC-371			
CAPTION			
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RES			
SIZE			
77	Lines	2.00	COLUMN
TIMES		RATE	
3			
MISC. CHARGES		AD CHARGES	
TOTAL COST			
197.50			

BEFORE THE DIVISION OF OIL, GAS AND MINING  
 DEPARTMENT OF NATURAL RESOURCES  
 STATE OF UTAH  
 NOTICE OF AGENCY ACTION  
 CAUSE NO. UIC-371

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 33, TOWNSHIP 8 SOUTH, RANGE 16 EAST, SECTION 1, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 3, 4, 10, 11, AND 13, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESSNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:  
 Federal 33-33-8 well located in NW/4 SE/4, Section 33, Township 8 South, Range 16 East  
 Ashley Federal 2-1 well located in NW/4 NE/4, Section 1, Township 9 South, Range 15 East  
 South Wells Draw 4-3-9-16 well located in NW/4 NW/4, Section 3, Township 9 South, Range 16 East  
 South Wells Draw 14-3-9-16 well located in SE/4 SW/4, Section 3, Township 9 South, Range 16 East  
 Monument Federal 44-6-9-16 well located in SE/4 SE/4, Section 6, Township 9 South, Range 16 East  
 Castle Peak Federal 24-10A well located in SE/4 SW/4, Section 10, Township 9 South, Range 16 East  
 Castle Peak Federal 44-10 well located in SE/4 SE/4, Section 10, Township 9 South, Range 16 East  
 Monument Federal 13-11 well located in NW/4 SW/4, Section 11, Township 9 South, Range 16 East  
 Monument Federal 33-11 well located in NW/4 SE/4, Section 11, Township 9 South, Range 16 East  
 Monument Federal 42-11 well located in SE/4 NE/4, Section 11, Township 9 South, Range 16 East  
 Federal 1-13-9-16 well located in NE/4 NE/4, Section 13, Township 9 South, Range 16 East

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

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

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

Dated this 20th day of January, 2011.

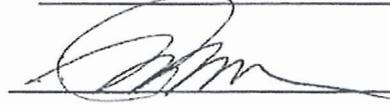
STATE OF UTAH  
 DIVISION OF OIL, GAS & MINING  
 /s/ Brad Hill  
 Brad Hill  
 Permitting Manager

658258 UPAXLP

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-371 IN THE MATTER OF THE APPLICA FOR DIV OF OIL-GAS & MINING, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY.

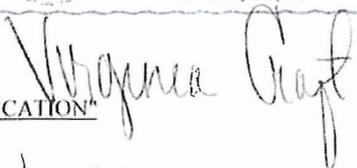
PUBLISHED ON Start 01/27/2011 End 01/27/2011

SIGNATURE 

VIRGINIA CRAFT  
 Notary Public, State of Utah  
 Commission 1581459  
 My Commission Expires  
 January 12, 2014

1/28/2011

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"  
 PLEASE PAY FROM BILLING STATEMENT  
 2050/RFC/GGDICADMIN/BF11/6131



# AFFIDAVIT OF PUBLICATION

County of Duchesne,  
STATE OF UTAH

I, Geoff Liesik on oath, say that I am the EDITOR of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 1 day of February, 2011, and that the last publication of such notice was in the issue of such newspaper dated the 1 day of February, 2011, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

Geoff Liesik  
Editor

Subscribed and sworn to before me this

1 day of February, 2011

Bonnie Parrish  
Notary Public



**BEFORE THE  
DIVISION OF  
OIL, GAS AND  
MINING  
DEPARTMENT  
OF NATURAL  
RESOURCES  
STATE OF  
UTAH  
NOTICE OF  
AGENCY  
ACTION  
CAUSE NO.  
UIC-371**

IN THE MATTER OF  
THE APPLICATION OF  
NEWFIELD PRODUCTION COMPANY FOR  
ADMINISTRATIVE APPROVAL OF CERTAIN  
WELLS LOCATED IN  
SECTION 33, TOWNSHIP 8 SOUTH, RANGE  
16 EAST, SECTION 1,  
TOWNSHIP 9 SOUTH,  
RANGE 15 EAST, AND  
SECTIONS 3, 6, 10, 11,  
AND 13, TOWNSHIP

Continued on next page

Continued from  
previous page

9 SOUTH, RANGE 16  
EAST, DUCHESNE  
COUNTY, UTAH, AS  
CLASS II INJECTION  
WELLS.

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

Notice is hereby given  
that the Division of Oil,  
Gas and Mining of the

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

Published in the Uintah  
Basin Standard February

1 & 8, 2011

3393.  
Utah. Phone 435-722-  
East 1000 South, Ballard,  
Ballard City Offices, 2381

Kaelyn Meyers at the  
meeting should notify  
moderators during this

meeting special accom-  
modations during this

abilities Act, individuals  
In compliance with Dis-

may contact Kirby Young  
at the Ballard Water of-  
fice, 435-722-3393.

further information re-  
15, 2011 at 6:00 PM. For  
billing cycles on February

Boundaries in the regular  
within the Water District  
to include the residents

and to amend the contract  
for Residential Homes  
the monthly garbage rates

public regarding raising  
solicit comments from the  
provement District will

Ballard Water Im-  
provement District will

**HEARING  
PUBLIC**

**NOTICE OF A**

1, 8 and 15, 2011.  
Basin Standard February

Published in the Uintah  
holidays.

Friday, excluding legal  
p.m., Monday through

of 9:00 a.m. and 5:00  
1900 between the hours

Trustee can be contact by  
telephone at (801) 257-  
Ballard City Offices, 2381

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-371

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 33, TOWNSHIP 8 SOUTH, RANGE 16 EAST, SECTION 1, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 3, 6, 10, 11, AND 13, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Federal 33-33-B well located in NW/4 SE/4, Section 33, Township 8 South, Range 16 East  
Ashley Federal 2-1 well located in NW/4 NE/4, Section 1, Township 9 South, Range 15 East  
South Wells Draw 4-3-9-16 well located in NW/4 NW/4, Section 3, Township 9 South, Range 16 East  
South Wells Draw 14-3-9-16 well located in SE/4 SW/4, Section 3, Township 9 South, Range 16 East  
Monument Federal 44-6-9-16Y well located in SE/4 SE/4, Section 6, Township 9 South, Range 16 East  
Castle Peak Federal 24-10A well located in SE/4 SW/4, Section 10, Township 9 South, Range 16 East  
Castle Peak Federal 44-10 well located in SE/4 SE/4, Section 10, Township 9 South, Range 16 East  
Monument Federal 13-11J well located in NW/4 SW/4, Section 11, Township 9 South, Range 16 East  
Monument Federal 33-11J well located in NW/4 SE/4, Section 11, Township 9 South, Range 16 East  
Monument Federal 42-11J well located in SE/4 NE/4, Section 11, Township 9 South, Range 16 East  
Federal 1-13-9-16 well located in NE/4 NE/4, Section 13, Township 9 South, Range 16 East

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

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

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

Dated this 20th day of January, 2011.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING



Brad Hill  
Permitting Manager

**Newfield Production Company**

**FEDERAL 33-33-B, ASHLEY FEDERAL 2-1,  
SOUTH WELLS DRAW 4-3-9-16, SOUTH WELLS DRAW 14-3-9-16,  
MONUMENT FEDERAL 44-6-9-16Y, CASTLE PEAK FEDERAL 24-10A,  
CASTLE PEAK FEDERAL 44-10,  
MONUMENT FEDERAL 13-11J, MONUMENT FEDERAL 33-11J,  
MONUMENT FEDERAL 42-11J, FEDERAL 1-13-9-16.**

**Cause No. UIC-371**

Publication Notices were sent to the following:

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

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

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

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

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

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

SITLA  
675 East 500 South  
Salt Lake City, UT 84102-2818

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

  
\_\_\_\_\_

**Jean Sweet - RE: Notice of Agency Action - Newfield Production Company Cause No. UIC-371**

---

**From:** "NAC Legal" <naclegal@mediaoneutah.com>  
**To:** "Jean Sweet" <jsweet@utah.gov>  
**Date:** 1/24/2011 11:02 AM  
**Subject:** RE: Notice of Agency Action - Newfield Production Company Cause No. UIC-371

---

Ad #658258 is scheduled to run January 27th in Salt Lake Tribune and Online utahlegals.com .

Total charge is \$197.50. Please check the ad in the paper.

Thank you,

Lynn Valdez  
MediaOne of Utah,  
a Newspaper Agency Company  
4770 South 5600 West  
West Valley City, Utah 84118  
Ph.: 801-204-6245  
Email: naclegal@mediaoneutah.com

---

**From:** Jean Sweet [mailto:jsweet@utah.gov]  
**Sent:** Monday, January 24, 2011 10:07 AM  
**To:** naclegal@mediaoneutah.com  
**Subject:** Notice of Agency Action – Newfield Production Company Cause No. UIC-371

To Whom It May Concern:

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

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

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

Sincerely,



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

January 20, 2011

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

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

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-371

To Whom It May Concern:

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

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

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

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



**Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-371**

---

**From:** Cindy Kleinfelter <classifieds@ubstandard.com>  
**To:** Jean Sweet <jsweet@utah.gov>  
**Date:** 1/27/2011 3:12 PM  
**Subject:** Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-371

---

On 1/24/2011 10:07 AM, Jean Sweet wrote:

To Whom It May Concern:

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

Please send proof of publication and billing to:

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

Sincerely,

Jean Sweet, Executive Secretary  
Utah Div. of Oil, Gas & Mining  
1594 West Temple, Suite 1210  
Salt Lake City, UT  
801-538-5329  
[jsweet@utah.gov](mailto:jsweet@utah.gov)

Received. Thank you. It will be published Feb. 1, 2011.  
Cindy



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

January 20, 2011

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

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-371

To Whom It May Concern:

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

Please send proof of publication and billing to:

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

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure





GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

February 22, 2011

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

Subject: Greater Monument Butte Unit Well: South Wells Draw 4-3-9-16, Section 3, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-32096

Gentlemen:

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

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

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

Sincerely,

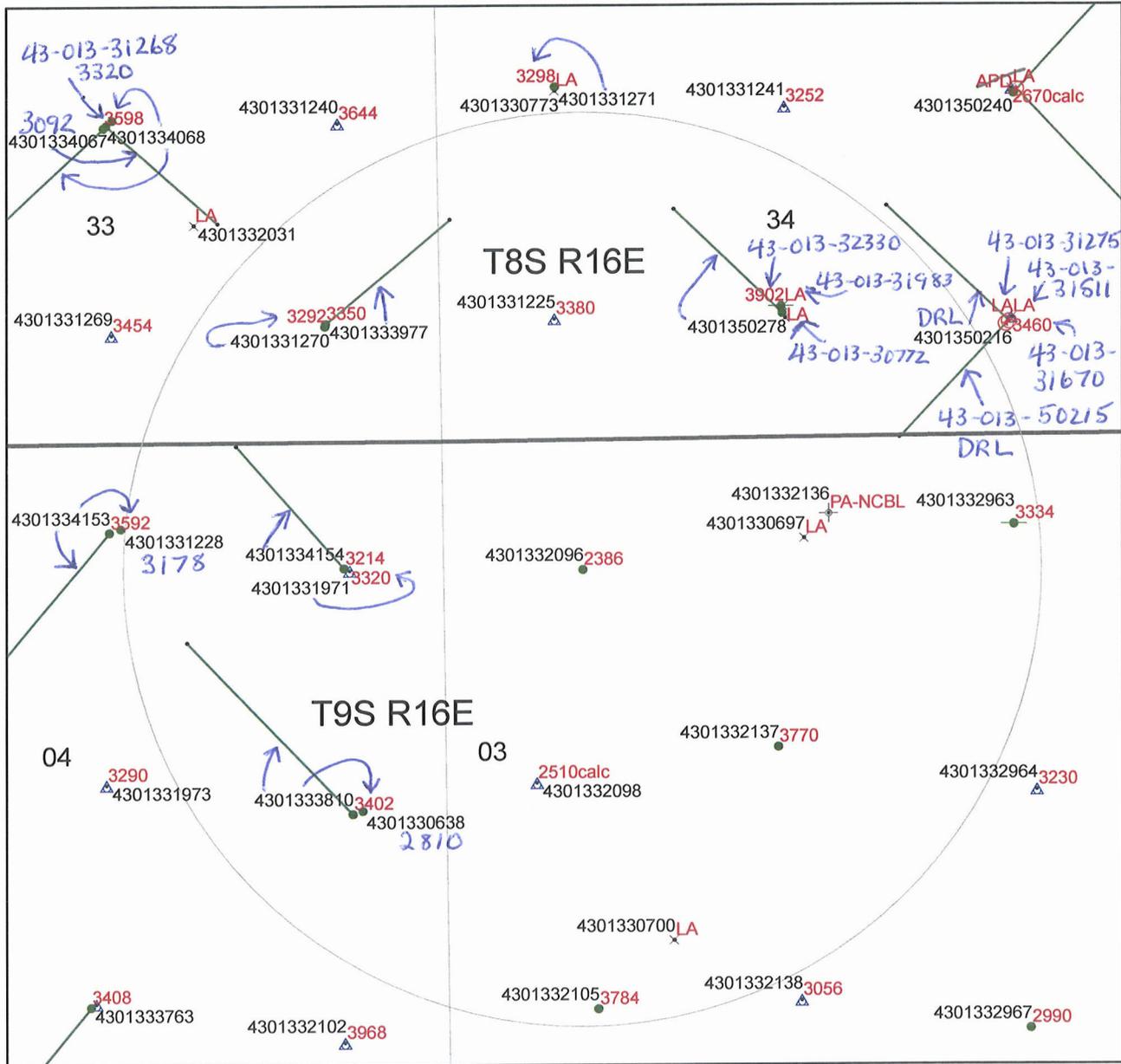
John Rogers  
Associate Director

JR/MLR/js

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

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





# Cement Bond Tops

## SOUTH WELLS DRAW 4-3-9-16

### API #43-013-32096

### UIC-371.3

**Legend**

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>□ Buffer_of_SGID93_ENERGY_DNROilGasWells_11</li> <li>✂ GAS INJECTION</li> <li>● TW</li> <li>● TA</li> <li>● OPS</li> <li>● GS</li> <li>○ APD</li> <li>✂ PA</li> <li>✂ LA</li> <li>✂ GAS STORAGE</li> <li>✂ LOCATION ABANDONED</li> <li>○ NEW LOCATION</li> <li>○ PLUGGED &amp; ABANDONED</li> <li>✂ PRODUCING GAS</li> </ul> | <ul style="list-style-type: none"> <li>● PRODUCING OIL</li> <li>✂ SHUT-IN GAS</li> <li>● SHUT-IN OIL</li> <li>✂ TEMP. ABANDONED</li> <li>○ TEST WELL</li> <li>▲ WATER INJECTION</li> <li>● WATER SUPPLY</li> <li>● WATER DISPOSAL</li> <li>⊕ DRILLING</li> <li>▲ RETURNED GAS</li> <li>▲ RETURNED OIL</li> <li>✂ GAS INJECTION SI</li> <li>▲ WATER DISP. SUSP.</li> <li>● WATER INJ. SUSP.</li> <li>▭ Townships</li> <li>▭ Sections</li> <li>● Wells-CbitopsMaster2_08_11</li> <li>— SGID93_ENERGY.DNROilGasWells_HDPPath</li> </ul> |
|---|--|



1870calc = approx cement top calculated from well completion report



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

**Applicant:** Newfield Production Company      **Well:** South Wells Draw 4-3-9-16

**Location:** 3/9S/16E      **API:** 43-013-32096

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

**Well Integrity:** The proposed well has surface casing set at 326 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,935 feet. A cement bond log demonstrates adequate bond in this well up to about 2,386 feet. A 2 7/8 inch tubing with a packer will be set at 4,957 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. On the basis of surface locations, there are 8 producing wells, 3 injection wells, 1 P/A well, and 2 shut-in wells in the AOR. In addition, there is one currently drilling directional well, with a surface location outside the AOR and a bottom hole location inside the AOR. All of the existing wells have evidence of adequate casing and cement. Inasmuch as some logs are of dubious quality or do not exhibit conclusive cement tops, it has been necessary to calculate approximate tops for "lite" cement, based on the cement indicated in the well completion report.

**Ground Water Protection:** As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 1200 feet. Injection shall be limited to the interval between 4,204 feet and 5,913 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 4-3-9-16 well is 0.81 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,152 psig. The requested maximum pressure is 2,152 psig. We intend to permit this well at a maximum pressure of 2,000 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

**South Wells Draw 4-3-9-16**  
**page 2**

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

**Bonding:** Bonded with the BLM

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

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

Reviewer(s): Mark Reinbold

Date 2/3/2011

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

FORM 9

**5. LEASE DESIGNATION AND SERIAL NUMBER:**  
UTU-77338

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**6. IF INDIAN, ALLOTTEE OR TRIBE NAME:**

**7. UNIT or CA AGREEMENT NAME:**  
GMBU (GRRV)

**1. TYPE OF WELL**  
Oil Well

**8. WELL NAME and NUMBER:**  
S WELLS DRAW 4-3-9-16

**2. NAME OF OPERATOR:**  
NEWFIELD PRODUCTION COMPANY

**9. API NUMBER:**  
43013320960000

**3. ADDRESS OF OPERATOR:** Rt 3 Box 3630 , Myton, UT, 84052  
**PHONE NUMBER:** 435 646-4825 Ext

**9. FIELD and POOL or WILDCAT:**  
MONUMENT BUTTE

**4. LOCATION OF WELL**  
**FOOTAGES AT SURFACE:**  
0789 FNL 0754 FWL  
**QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:**  
Qtr/Qtr: NWNW Section: 03 Township: 09.0S Range: 16.0E Meridian: S

**COUNTY:**  
DUCHESNE

**STATE:**  
UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/22/2012  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input checked="" type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input checked="" type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 03/21/2012. New perforations added: GB4 4395-4397' and PB10 4650-4653' 3 JSPF. On 03/21/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/22/2012 the casing was pressured up to 1625 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 150 psig during the test. There was a State representative available to witness the test - Chris Jensen.

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

**Date:** April 03, 2012

**By:** 

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 3/27/2012	

# Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: Chris Jensen Date 3/23/12 Time 10:00  am  pm

Test Conducted by: Trent Horrocks

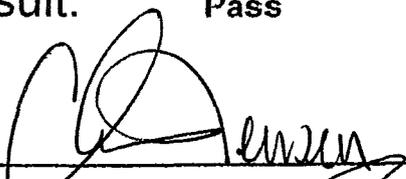
Others Present: Riley Bagley

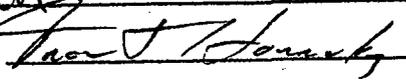
Well: <u>SOUTH WELLS DRAW 4-3-9-16</u>	Field: <u>MON. BUTTE</u>
Well Location: <u>SWD 4-3-9-16</u>	API No: <u>43.013-2096</u>
<u>NE/SW Sec. 3 T9S R16E Duch. Cnty. UT.</u>	

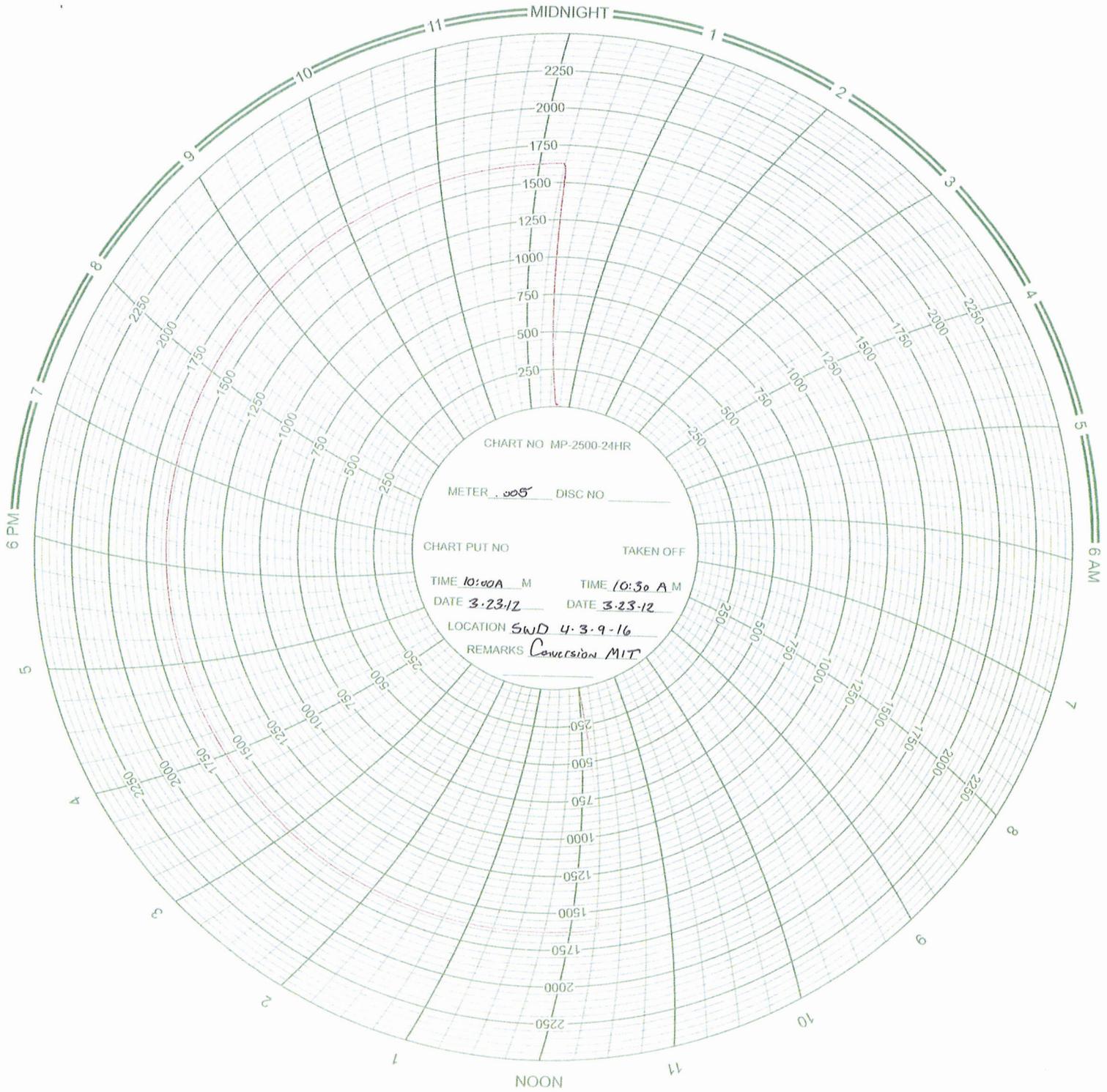
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1625</u>	psig
5	<u>1625</u>	psig
10	<u>1625</u>	psig
15	<u>1625</u>	psig
20	<u>1625</u>	psig
25	<u>1625</u>	psig
30 min	<u>1625</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 150 psig

Result:  Pass  Fail

Signature of Witness: 

Signature of Person Conducting Test: 



## Daily Activity Report

Format For Sundry

**S WELLS DRW 4-3-9-16**

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

**3/15/2012 Day: 3**

**Conversion**

NC #1 on 3/15/2012 - MIRU,N/D W/-HD,N/U BOP,R/U R/Flr,Rel T/A,H/O pmp 35 BW D/Tbg,Drop SV,P/Tst Tbg To 3500 Psi,Good Tst.Fish SV.RIH To Fill @ 5824',POOH,L/D 5 Jts Tbg,POOH W/-40 Jts Tbg Redoping Tool Jts W/-Liq O-Ring, C/SDFN. - 1:30PM MIRU NC#1. N/D W/HD,N/U BOP,R/U R/Flr, Rel T/A, R/U H/OilerFlush Tbg W/-35 BW, Drop SV D/Tbg, Fill Tbg W/-32 BW, P/Test Tbg To 3500 Psi, Good Test. R/U S/Line Ovrshot RIH & Fish SV. Wt On Runners Trcking To Show Up W/-10 Jts Tbg, RIH W/-5 Jts Tbg, Tag Solid @ 5824', POOH & L/D 5 Jts Tbg. POOH W/-40 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O-Ring, 7:00PM C/SDFN, 7:00PM-7:30PM C/Trvl. - 1:30PM MIRU NC#1. N/D W/HD,N/U BOP,R/U R/Flr, Rel T/A, R/U H/OilerFlush Tbg W/-35 BW, Drop SV D/Tbg, Fill Tbg W/-32 BW, P/Test Tbg To 3500 Psi, Good Test. R/U S/Line Ovrshot RIH & Fish SV. Wt On Runners Trcking To Show Up W/-10 Jts Tbg, RIH W/-5 Jts Tbg, Tag Solid @ 5824', POOH & L/D 5 Jts Tbg. POOH W/-40 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O-Ring, 7:00PM C/SDFN, 7:00PM-7:30PM C/Trvl.

**Daily Cost: \$0**

**Cumulative Cost: \$20,280**

**3/16/2012 Day: 4**

**Conversion**

NC #1 on 3/16/2012 - POOH W/-Remnder Of Prod Tbg. R/U Wireline Run Guge Ring To4720',Perf Zone GB4- PB10,RIH W/-Tandum Tools,Stratle GB 4 Perfs,Fill Tbg,Perfs Would Not Break 5,000 Psi, Max,RIH W/Tools Stratle PB10 Perfs,Perfs Broke @ 3500 Psi, Rel Pkr,SWI,C/SDFN. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, POOH W/-100 Jts Tbg In Derrick Redoping Tool Jts W/- Liq O-Ring, L/D 38 Jts Tbg, 5 1/2 T/A, 1 Jt Tbg, S/N, Gas Anchor, 4 Jts Tbg, Bull Plg. BMW Flush Tbg W/-15 BW On TOOH Due To Oil.( Note ) Jt Count Was Off, 2 More Jts Tbg Below Gas Anchor Than Shown On Tbg Detail On DWR, ( Note ) Making Tbg Tag @ 5887'. R/U Extreme Wireline RIH W/Guage Ring To 4720', RIH W/-Perf Guns, Perf Zone GB4@4395'-4397', Zone PB10 @ 4650'-4653' All 3 SPF. POOH & R/D Wireline. Back In Tbg Float. P/U & Tally I/Hle W/- 5 1/2" T-S Plg, Ret HD,2 3/8X4' N-80 Tbg Sub, 5 1/2" HD Pkr, S/N, 142 Jts Tbg,Set Plg @ 4440',POOH W/-3 Jts Tbg, Set Pkr @ 4354', R/U H/Oiler Fill Tbg W/-13 BW, GB4 Perfs Would Not Break Down 5,000 Psi Max. Rel Pkr & Plg, RIH W/-8 Jts Tbg, Set Plg @ 4700', POOH W/-3 Jts Tbg, Set Pkr@ 4612', R/U H/Oiler, Fill Tbg W/-14 BW ,PB10 Perfs Broke @ 3500 Psi, pmp 10 BW Into Perfs @ 1175 Psi, Rel Pkr, SWI, 6:00pm c/sdfn, 6:00pm-6:30pm C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, POOH W/-100 Jts Tbg In Derrick Redoping Tool Jts W/- Liq O-Ring, L/D 38 Jts Tbg, 5 1/2 T/A, 1 Jt Tbg, S/N, Gas Anchor, 4 Jts Tbg, Bull Plg. BMW Flush Tbg W/-15 BW On TOOH Due To Oil.( Note ) Jt Count Was Off, 2 More Jts Tbg Below Gas Anchor Than Shown On Tbg Detail On DWR, ( Note ) Making Tbg Tag @ 5887'. R/U Extreme Wireline RIH W/Guage Ring To 4720', RIH W/-Perf Guns, Perf Zone GB4@4395'-4397', Zone PB10 @ 4650'-4653' All 3 SPF. POOH & R/D Wireline. Back In Tbg Float. P/U & Tally I/Hle W/- 5 1/2" T-S Plg, Ret HD,2 3/8X4' N-80 Tbg Sub, 5 1/2" HD Pkr, S/N, 142 Jts Tbg,Set Plg @ 4440',POOH W/-3 Jts Tbg, Set Pkr @ 4354', R/U H/Oiler Fill Tbg W/-13 BW, GB4 Perfs Would Not Break Down 5,000 Psi Max. Rel Pkr & Plg, RIH W/-8 Jts Tbg, Set Plg @ 4700', POOH W/-3 Jts Tbg, Set Pkr@ 4612', R/U H/Oiler, Fill Tbg W/-14 BW ,PB10 Perfs Broke @ 3500 Psi, pmp 10 BW Into Perfs @ 1175 Psi, Rel Pkr, SWI, 6:00pm c/sdfn, 6:00pm-6:30pm C/Trvl.

**Daily Cost: \$0**

**Cumulative Cost: \$30,712**

**3/19/2012 Day: 5****Conversion**

NC #1 on 3/19/2012 - RU Baker Hughes ser. Pressure test pump and lines. Frac Stage #1. RIH release packer and plug. POOH w/tbg set plug and paker for stage #2 . Frac Stage #2, Rel Pkr & Plg, Curc Well Cln, Strt POOH L/D N-80 Frac Strng, C/SDFN. - Safety meeting with Baker Hughes, weatherford and rig crew, Discussion on Slippey and trip pinch points. PPE and the right to stop work for any safety reasons and PPE. RU Start Pump down casing w/13 bbl fluid fill back side. Close pipe rams pressure up to 500 psi. Good test. Shut in casing valve. RU Baker Hughes pump line and pressure test to 7,200 psi. Good test. Release pressure. Open well head 18 psi. Start pumping breakdown pressure @ 2,200 psi @ 7 bbl/min, EST rate start pad @ 15, bbl/min @ 4,331 psi. Start 20/40 sand @ 1.5 ppg 20/40 rate @ 15.6 bbl/min @ 4,440 psi. Start 3 ppg @ 15.8 bbl/min @ 4453 psi. Start flush @ 15.8 BBL/min @ 4519 psi. ISIP 2.380 psi 5 min 2,217 10 min 2,138 15 min 2,065. shut well in. RD Baker Hughes pump lines. RU to the tbg and flow well back to the pit. Pump down casing to clean up frac sand. Shut down, TIH W/3 jts tag plug, wash down to plug. Release bright plug. POOH w/8 jnt tbg and set weatherford bright plug set Plug @4,440'. POOH w/6 jts tbg set paker @ 4,393. Close pipe rams and pressure up to 500 psi. (Total flow back after frac 76 bbls) - - RU Baker Hughes pump line pressue test to 7,200 psi. Good test, release pressure. Open well pressure zero pressure. Start pumping breakdown pressure @ 5,719 @ 3,5 bbl/min, est rate and pressure @ @ 12.7 bbl/min. Start pad @ 14 bbl/min @ 5,066 psi. Start 1.5 ppg sand @ 15.7 bbl/min @ 4863. Start 3 ppg sand @15.1 bbl/min @ 4,481. Start 4 ppg sand @ 15.2 bbl/mi @ 4,587 psi. Pump Flush @ 15.3 bbl/min @ 4650. Shut down. ISIP 2,135 psi, 5 min 1,889 psi. 10 min 1,791 psi. 15 min 1,723 psi. RDMO Baker Hughes pumping ser. - OWU To Flow Back. Flowed 58 BW, Rel Pkr, Curc Cln, RIH To Plg, Curc Cln, Rel Plg, POOH L/D 123 Jts N-80 Tbg, SWI, 6:00PM-6:30PM C/Trvl. - - Safety meeting with Baker Hughes, weatherford and rig crew, Discussion on Slippey and trip pinch points. PPE and the right to stop work for any safety reasons and PPE. RU Start Pump down casing w/13 bbl fluid fill back side. Close pipe rams pressure up to 500 psi. Good test. Shut in casing valve. RU Baker Hughes pump line and pressure test to 7,200 psi. Good test. Release pressure. Open well head 18 psi. Start pumping breakdown pressure @ 2,200 psi @ 7 bbl/min, EST rate start pad @ 15, bbl/min @ 4,331 psi. Start 20/40 sand @ 1.5 ppg 20/40 rate @ 15.6 bbl/min @ 4,440 psi. Start 3 ppg @ 15.8 bbl/min @ 4453 psi. Start flush @ 15.8 BBL/min @ 4519 psi. ISIP 2.380 psi 5 min 2,217 10 min 2,138 15 min 2,065. shut well in. RD Baker Hughes pump lines. RU to the tbg and flow well back to the pit. Pump down casing to clean up frac sand. Shut down, TIH W/3 jts tag plug, wash down to plug. Release bright plug. POOH w/8 jnt tbg and set weatherford bright plug set Plug @4,440'. POOH w/6 jts tbg set paker @ 4,393. Close pipe rams and pressure up to 500 psi. (Total flow back after frac 76 bbls) - RU Baker Hughes pump line pressue test to 7,200 psi. Good test, release pressure. Open well pressure zero pressure. Start pumping breakdown pressure @ 5,719 @ 3,5 bbl/min, est rate and pressure @ @ 12.7 bbl/min. Start pad @ 14 bbl/min @ 5,066 psi. Start 1.5 ppg sand @ 15.7 bbl/min @ 4863. Start 3 ppg sand @15.1 bbl/min @ 4,481. Start 4 ppg sand @ 15.2 bbl/mi @ 4,587 psi. Pump Flush @ 15.3 bbl/min @ 4650. Shut down. ISIP 2,135 psi, 5 min 1,889 psi. 10 min 1,791 psi. 15 min 1,723 psi. RDMO Baker Hughes pumping ser. - OWU To Flow Back. Flowed 58 BW, Rel Pkr, Curc Cln, RIH To Plg, Curc Cln, Rel Plg, POOH L/D 123 Jts N-80 Tbg, SWI, 6:00PM-6:30PM C/Trvl.

**Daily Cost:** \$0**Cumulative Cost:** \$73,327**3/20/2012 Day: 6****Conversion**

NC #1 on 3/20/2012 - POOH W/Remnder N-80 Tbg, Pkr, Plg. RIH W/-Pkr, S/N, Tbg Prod, pmp Pad D/Tbg, Drop SV, P/Tst Tbg To 3,000 Psi, Good Tst. Fish SV, N/D BOP, pmp 70 BW Pkr Fluid D/Csg, Set Pkr, N/U W/-HD, P/Tst Csg & Pkr To 1500 Psi, Csg Flange Was Leaking, C/SDFN. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, POOH W/-23 Jts Tbg, Pkr & Plg. P/U & RIH W/-5 1/2" Arrow #1 Pkr, S/N, 138 Jts Tbg, 2 7/8X10.20 N-80 Tbg Sub, 1 Jt Tbg, R/U BMW H/Oiler, Flush Tbg W/-30 BW, Drop SV D/Tbg, pmp SV To S/N W/-20 BW, P/Test Tbg To 3,000 Psi, Held

Good 1 Hr. Fish SV. R/D Flr, N/D BOP, N/U W/-HD, pmp 70 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD, Set Pkr In 15,000 Tension N/U W/-HD. P/Test Csg & Pkr To 1,500 Psi, ( Note ) Csg Flange Was Leaking, 7:00PM C/SDFN, 7:00PM-7:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, POOH W/-23 Jts Tbg, Pkr & Plg. P/U & RIH W/-5 1/2" Arrow #1 Pkr, S/N, 138 Jts Tbg, 2 7/8X10.20 N-80 Tbg Sub, 1 Jt Tbg, R/U BMW H/Oiler, Flush Tbg W/-30 BW, Drop SV D/Tbg, pmp SV To S/N W/-20 BW, P/Test Tbg To 3,000 Psi, Held Good 1 Hr. Fish SV. R/D Flr, N/D BOP, N/U W/-HD, pmp 70 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD, Set Pkr In 15,000 Tension N/U W/-HD. P/Test Csg & Pkr To 1,500 Psi, ( Note ) Csg Flange Was Leaking, 7:00PM C/SDFN, 7:00PM-7:30PM C/Trvl.

**Daily Cost:** \$0

**Cumulative Cost:** \$81,112

### 3/21/2012 Day: 7

### Conversion

NC #1 on 3/21/2012 - N/D W/-HD & Csg Flng, Redope Csg Flng, Retorq Flng, N/U W/-HD. P/Tst Csg & Pkr To 1500 Psi, Good Tst. R/D Rig, Move Out, Well Ready For MIT (Final Report). - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, N/D W/-HD, Break Csg Flange, Redope Csg Flange & Nipple W/-Liq O-Ring, Retorq Flange. N/U W/-HD, P/Test Csg & Pkr To 1,500 Psi, Good Test. R/D Rig @11:30AM, Move Out. Well Ready For MIT ( Final Rig Report ). - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, N/D W/-HD, Break Csg Flange, Redope Csg Flange & Nipple W/-Liq O-Ring, Retorq Flange. N/U W/-HD, P/Test Csg & Pkr To 1,500 Psi, Good Test. R/D Rig @11:30AM, Move Out. Well Ready For MIT ( Final Rig Report ).

**Daily Cost:** \$0

**Cumulative Cost:** \$90,740

### 3/26/2012 Day: 8

### Conversion

Rigless on 3/26/2012 - Conduct initial MIT - On 03/21/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/23/2012 the casing was pressured up to 1625 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 150 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 03/21/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/23/2012 the casing was pressured up to 1625 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 150 psig during the test. There was a State representative available to witness the test - Chris Jensen. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$168,060

**Pertinent Files:** Go to File List

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-77338
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: S WELLS DRAW 4-3-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013320960000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0789 FNL 0754 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 03 Township: 09.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE  COUNTY: DUCHESNE  STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/17/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="PUT ON INJECTION"/>

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

The above reference well was put on injection at 2:45 PM on  
04/17/2012.

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining**  
  
**Date:** May 03, 2012  
**By:** *[Signature]*

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 4/18/2012	



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT

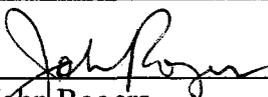
Cause No. UIC-371

**Operator:** Newfield Production Company  
**Well:** South Wells Draw 4-3-9-16  
**Location:** Section 3, Township 9 South, Range 16 East  
**County:** Duchesne  
**API No.:** 43-013-32096  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on February 22, 2011.
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,204' – 5,913')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

  
John Rogers  
Associate Director

4-10-2012  
Date

JR/MLR/js

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

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



# South Wells Draw 4-3-9-16

Spud Date: 11/07/99  
 Put on Production: 12/07/99  
 GL: 5654' KB: 5667'

Initial Production: 56 BOPD, 53 MCFD  
 0 BWPD

## Injection Wellbore Diagram

### SURFACE CASING

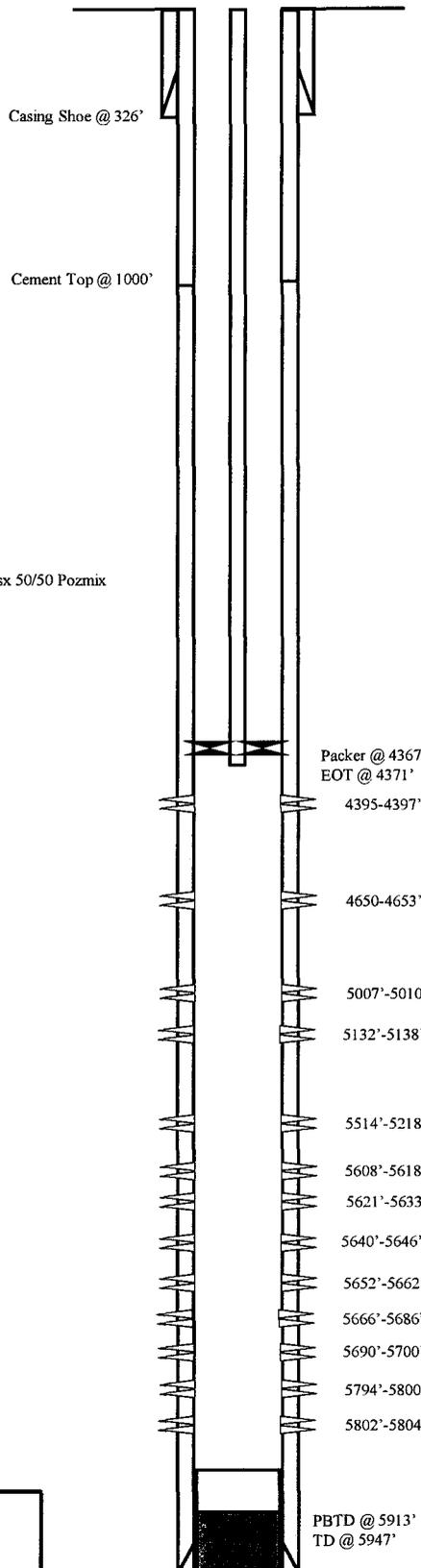
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (315.09')  
 DEPTH LANDED: 325.99'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 241 sx Class "G" plus additives;

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55 and N-80  
 WEIGHT: 15.5# and 17#  
 LENGTH: 142 jts (5923.45') Includes Shoe Jt. (17.9')  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 5934.80'  
 CEMENT DATA: 285 sxs PremLite II; followed by 391 sx 50/50 Pozmix plus additives. CEMENT TOP: 1000'

### TUBING

SIZE/GRADE/WT: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 1 jt (31.3')  
 TUBING PUP 2-7/8"/6.5#/N-80 (10.2')  
 NO. OF JOINTS: 138 jts (4308.3')  
 SEATING NIPPLE: 2-7/8" x 1.10' J-55  
 SN LANDED AT: 4362.7  
 CE @ 4367.14'  
 TOTAL STRING LENGTH: 4371'



### FRAC JOB

- 11-30-99 5794-5804'** **Frac CP sand as follows:**  
 52,187# 20/40 sand in 370 bbls Viking fluid. Breakdown @ 2736 psi. Treated w/avg press of 1730 psi w/avg rate of 25.9 BPM. ISIP-2190 psi, 5 min 2130 psi. Left pressure on well.
- 11-30-99 5608'-5700'** **Frac LDC sand as follows:**  
 124,100# 20/40 sand in 637 bbls Viking fluid. Perfs broke down @ 3611 psi. Treated w/avg press of 2000 psi w/avg rate of 35.8 BPM. ISIP-2770 psi, 5 min 2620 psi. Left pressure on well.
- 11-30-99 5007'-5218'** **Frac D/Bi-Carb/B sand as follows:**  
 Unable to break down perfs. 105,750# 20/40 sand in 692 bbls Viking fluid. Perfs broke down @ 4400 psi. Treated w/avg press of 2415 psi w/avg rate of 34.7 BPM. ISIP-2280 psi, 5 min 2135 psi. Flow back on 12/64" ck for 3 hrs & died. Recovered 165 BTF.
- 03/16/12 4395-4397'** **Frac GB4 sand as follows:** 15438# 20/40 sand in 246 bbls Lighting 17 Frac fluid. ISIP 2204 psi 5 min 2,217 psi, 10 min 2,138 psi, total flow back after frac 76 bbls
- 03/16/12 4650-4653'** **Frac PB10 sand as follows:** 20598# 20/40 sand in 313 bbls Lighting 17 Frac fluid. ISIP 2,135 psi 5 min 1,889 psi, 10 min 1,790 psi 15 min 1,723 psi
- 03/21/12** **Convert to Injection Well**
- 03/23/12** **Conversion MIT Finalized - update tbg detail**

### PERFORATION RECORD

Date	Interval	ISPF	Holes
11-30-99	5794'-5800'	4 JSPF	24 holes
11-30-99	5802'-5804'	4 JSPF	8 holes
11-30-99	5608'-5618'	2 JSPF	20 holes
11-30-99	5621'-5633'	2 JSPF	24 holes
11-30-99	5640'-5646'	2 JSPF	12 holes
11-30-99	5652'-5662'	2 JSPF	20 holes
11-30-99	5666'-5686'	2 JSPF	40 holes
11-30-99	5690'-5700'	2 JSPF	20 holes
11-30-99	5007'-5010'	4 JSPF	12 holes
11-30-99	5132'-5138'	4 JSPF	24 holes
11-30-99	5214'-5218'	4 JSPF	16 holes
03/16/12	4395-4397'	3 JSPF	6 holes
03/16/12	4650-4653'	3 JSPF	9 holes

**NEWFIELD**

South Wells Draw 4-3-9-16  
 789' FNL and 754' FWL  
 NWNW Section 3-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32096 Lease #UTU-77338