

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 SE/SE At proposed Prod. Zone 751' FSL & 713' FEL 229 217

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\* 17.4 Miles southwest of Myton, UT

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 751'

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'

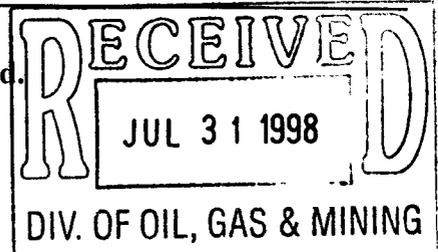
20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5733.2' GR

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

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

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 7/29/98

PERMIT NO. 43-013-32110 APPROVAL DATE

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

CONDITIONS OF APPROVAL, IF ANY: Federal Approval of this Action is Necessary APPROVED BY Bradley G. Hill TITLE BRADLEY G. HILL RECLAMATION SPECIALIST III DATE 8/10/98

\*See Instructions On Reverse Side

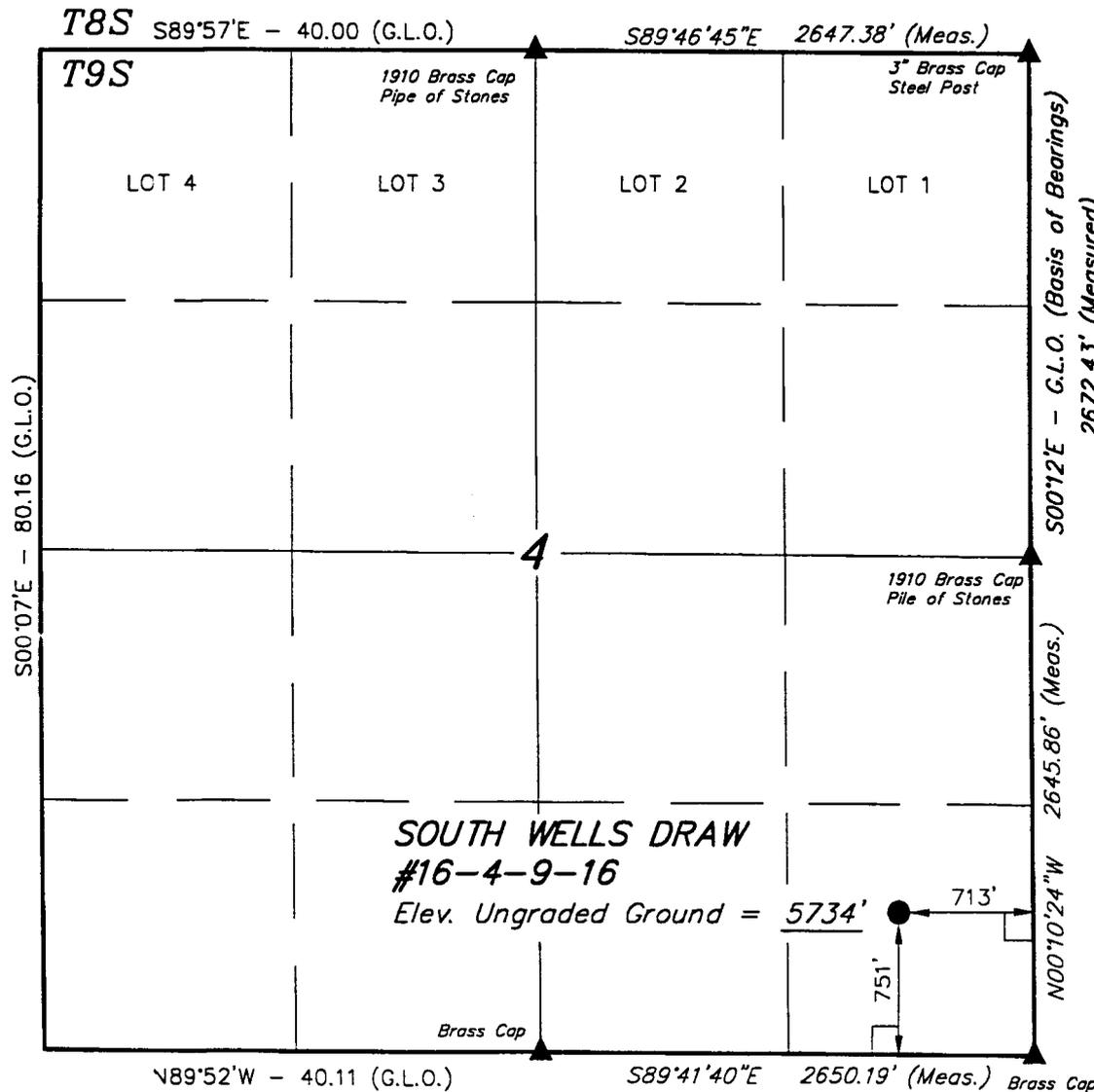
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Handwritten numbers: 575341.3 1433989.9

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

## INLAND PRODUCTION CO.

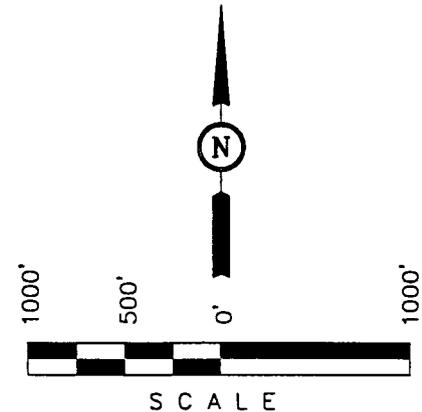
Well location, SOUTH WELLS DRAW #16-4-9-16, located as shown in the SE 1/4 SE 1/4 of Section 4, T9S, R16E, S.L.B.&M. Duchesne County, Utah.



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

### BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 4, T9S, R16E, S.L.B.&M. TAKEN FROM THE MYTON SE, 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.

*Robert L. Gray*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 167319  
 STATE OF UTAH

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b>		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 07-22-98	DATE DRAWN: 07-23-98
PARTY K.K.    B.B.    D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE INLAND PRODUCTION CO.	

INLAND PRODUCTION COMPANY  
S. WELLS DRAW #16-4-9-16  
SE/SE SECTION 4, 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' – 1600'
Green River	1600'
Wasatch	6500'

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

Green River Formation 1600' – 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 #16-4-9-16  
SE/SE SECTION 4, T9S, R16E  
DUCHE SNE 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 # 16-4-9-16 located in the SE 1/4 SE 1/4 Section 4, T9S, R16E, S.L.B. 7 M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles ± to the junction of this highway and UT State Hwy 53; proceed southeasterly along this road 10.2 miles, crossing two (2) junctions, to its junction with a dirt road to the southwest; proceed southwesterly 5.7 miles, crossing three (3) junctions; proceed northeasterly 0.5 miles to the junction of the proposed access road for the #9-4-9-16 location , 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.

Inland Production Company requests that a pipeline ROW be granted to the S. Wells Draw #16-4-9-16 for a 3"- 4" poly fuel gas line, and a 4"-6" poly gas gatherline. Both lines will be run of surface adjacent to the existing road-way; the route will follow existing roads where possible. 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

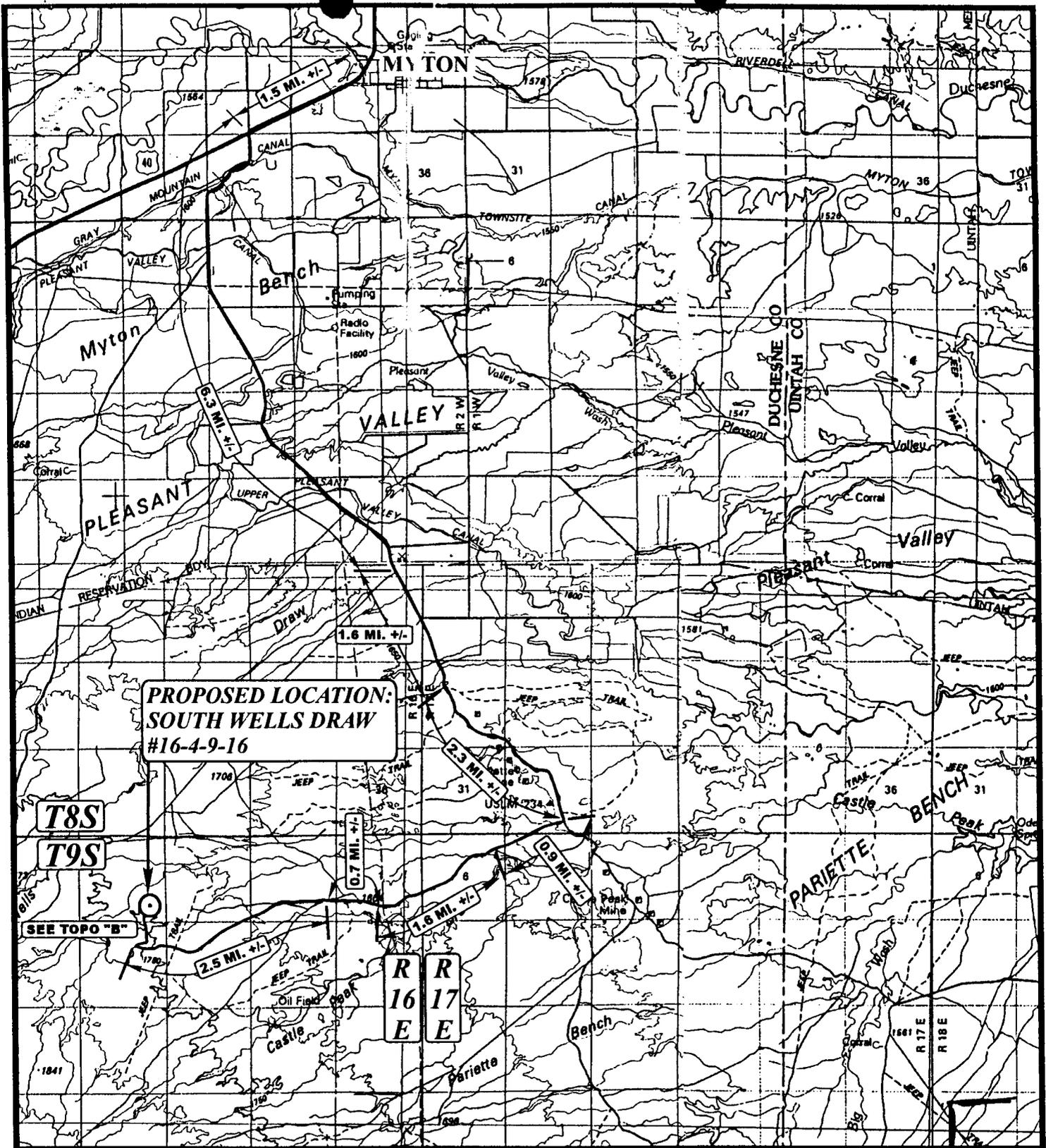
Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #16-4-9-16 SE/SE Section 4, 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.

7/29/98  
Date

  
Cheryl Cameron  
Regulatory Specialist



**PROPOSED LOCATION:  
SOUTH WELLS DRAW  
#16-4-9-16**

**T8S  
T9S**

**R 16 E  
R 17 E**

**LEGEND:**

⊙ PROPOSED LOCATION



**INLAND PRODUCTION CO.**

**SOUTH WELLS DRAW #16-4-9-16  
SECTION 4, T9S, R16E, S.L.B.&M.  
751' FSL 713' FEL**



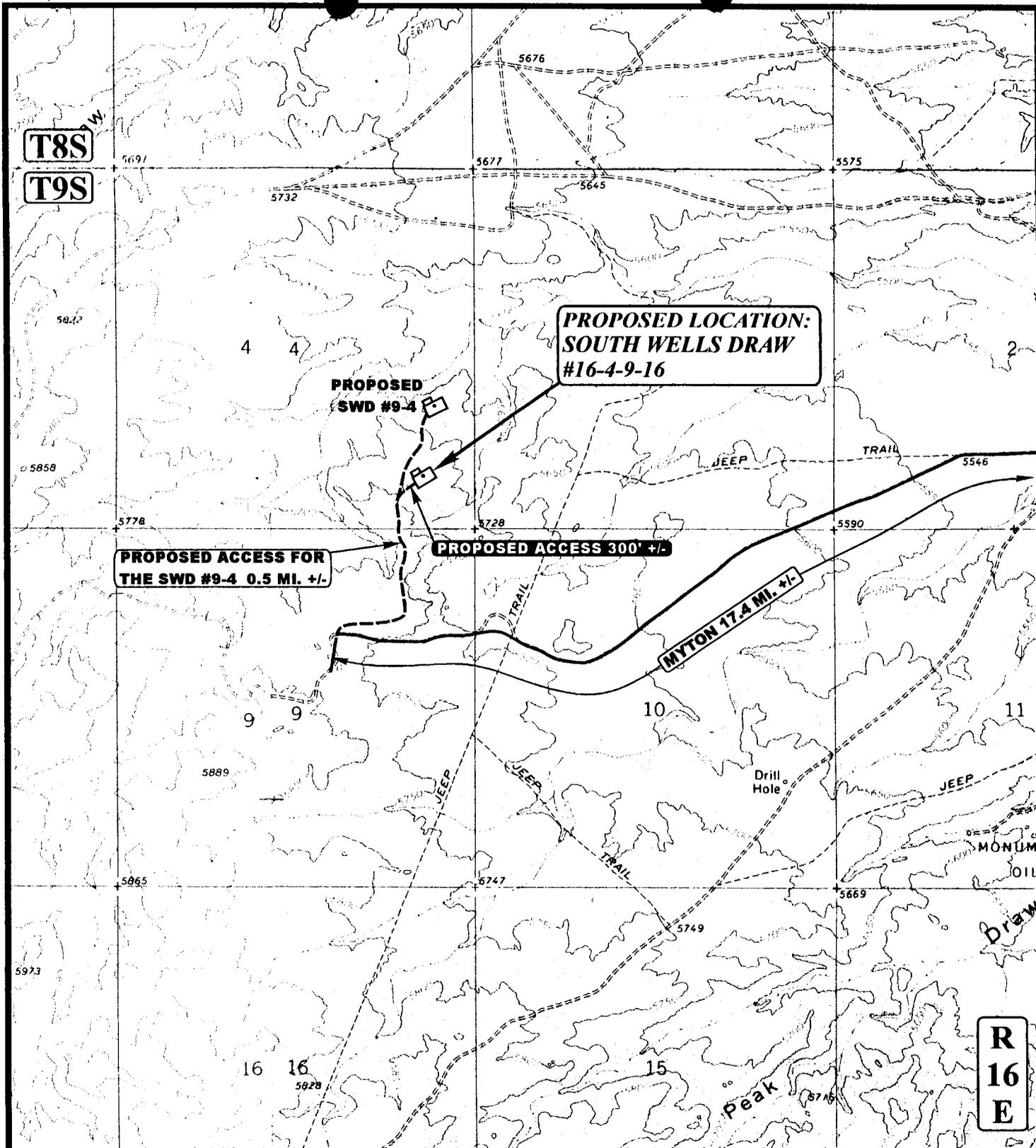
**Utah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
MAP**

**7 27 98**  
MONTH DAY YEAR

SCALE: 1 : 100,000 DRAWN BY: D.COX REVISED: 00-00-00





**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING ROAD



**INLAND PRODUCTION CO.**  
**SOUTH WELLS DRAW #16-4-9-16**  
**SECTION 4, T9S, R16E, S.L.B.&M.**  
**751' FSL 713' FEL**



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

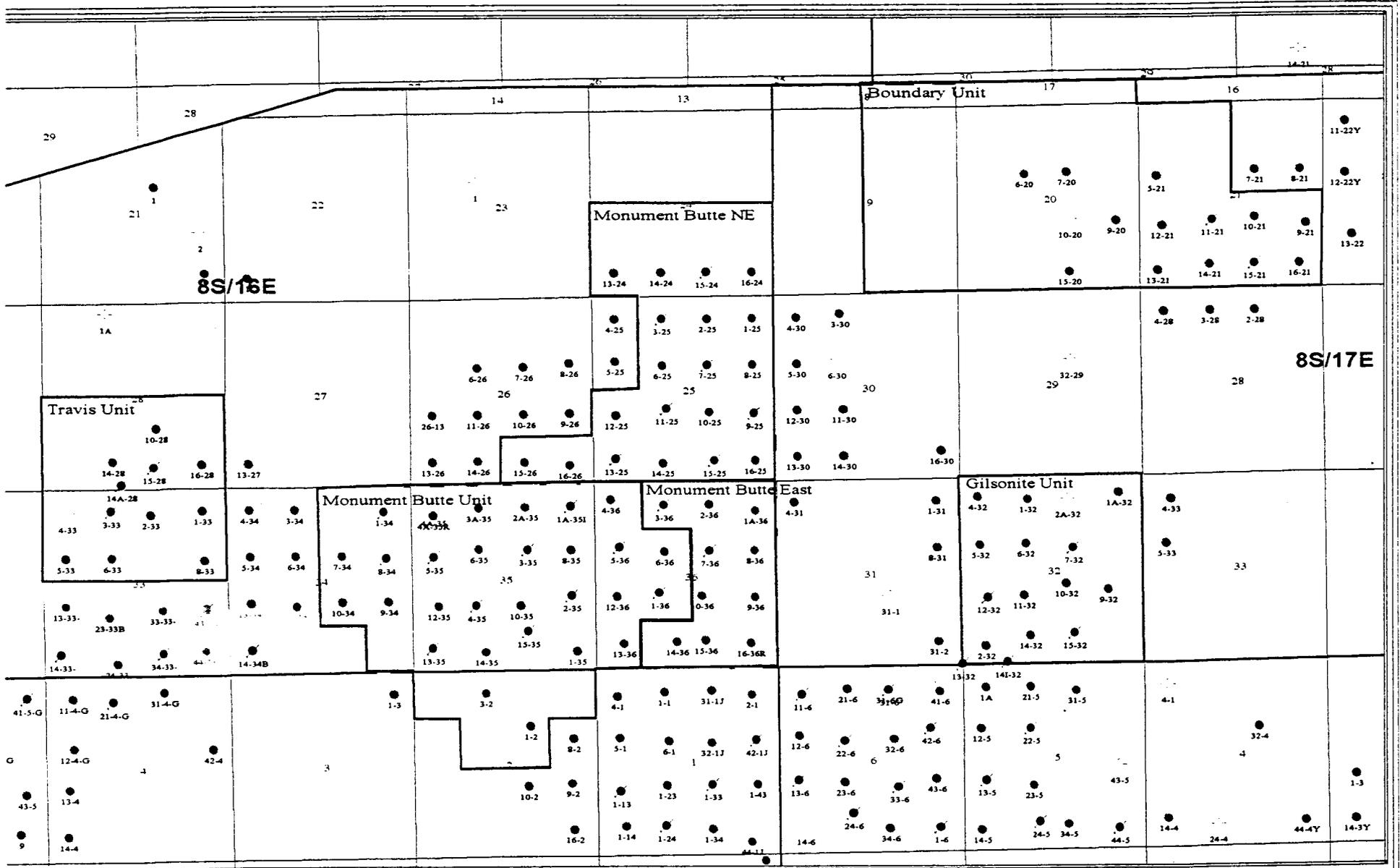
**TOPOGRAPHIC**  
**MAP**

<b>7</b>	<b>27</b>	<b>98</b>
MONTH	DAY	YEAR

SCALE: 1" = 2000' DRAWN BY: D.COX REVISED: 00-00-00

**B**  
**TOPO**

EXHIBIT "C"



**Inland**  
PRODUCTION INC.

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

**Regional Area**

Duchesne County, Utah

Date: 4/18/97 J.A.





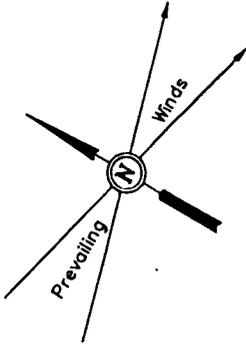
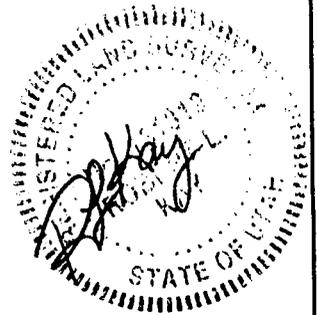
INLAND PRODUCTION CO.

LOCATION LAYOUT FOR

SOUTH WELLS DRAW #16-4-9-16

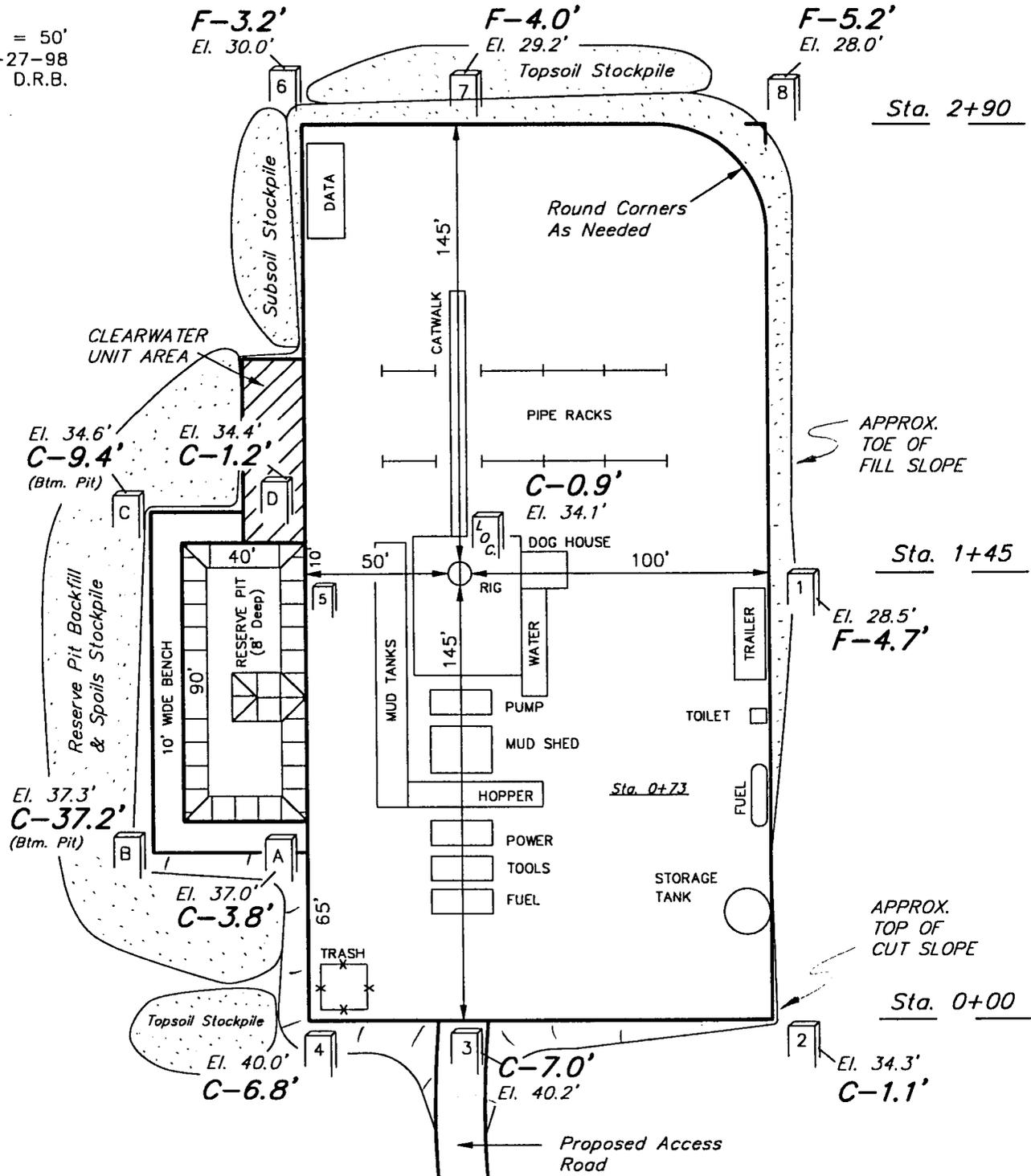
SECTION 4, T9S, R16E, S.L.B.&M.

751' FSL 713' FEL



SCALE: 1" = 50'  
Date: 07-27-98  
Drawn By: D.R.B.

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

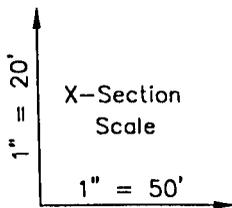
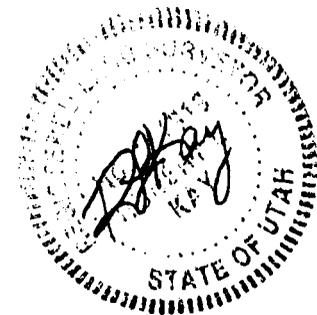


Elev. Ungraded Ground at Location Stake = 5734.1'  
Elev. Graded Ground at Location Stake = 5733.2'

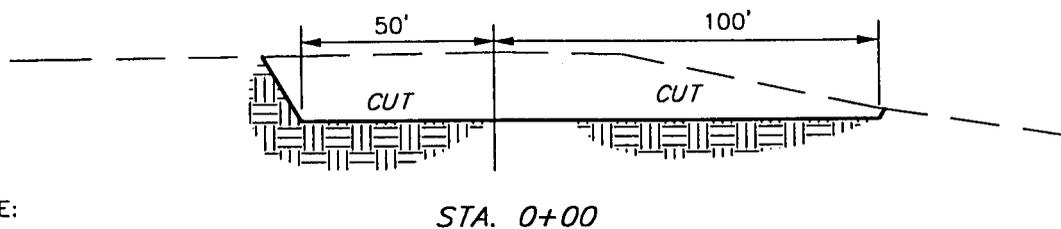
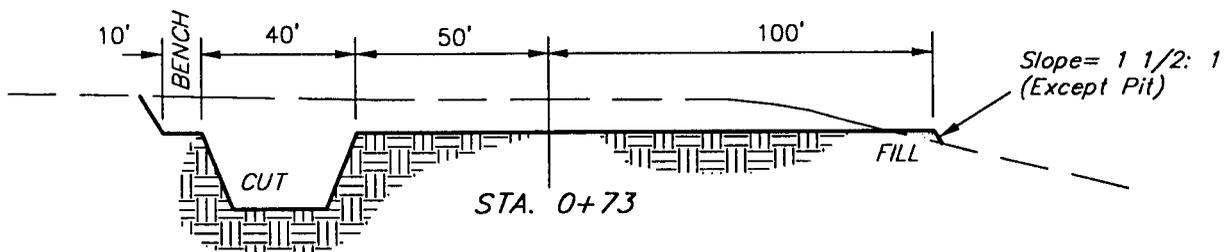
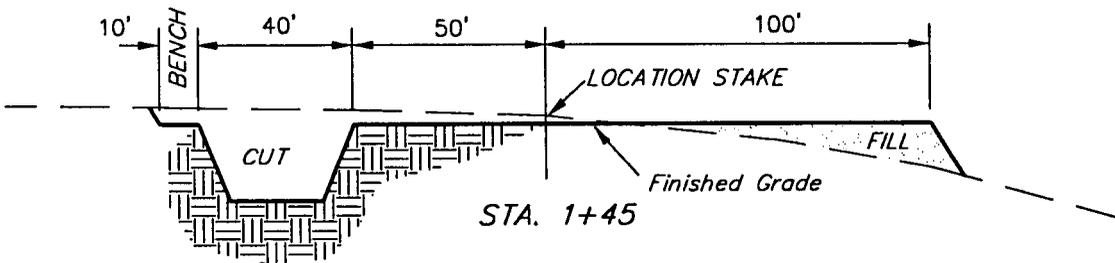
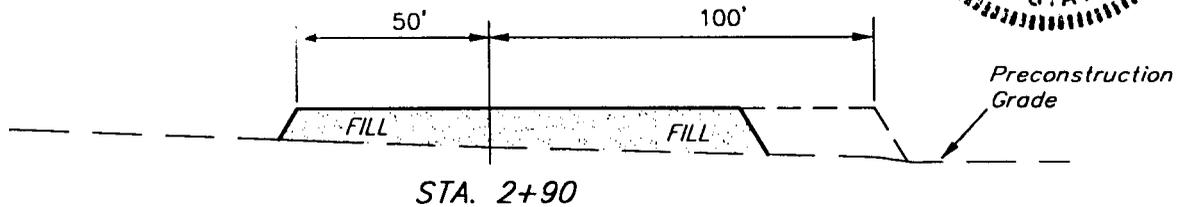
INLAND PRODUCTION CO.

TYPICAL CROSS SECTIONS FOR

SOUTH WELLS DRAW #16-4-9-16  
SECTION 4, T9S, R16E, S.L.B.&M.  
751' FSL 713' FEL



Date: 07-27-98  
Drawn By: D.R.B.



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

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 870 Cu. Yds.
Remaining Location	= 3,360 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 4,230 CU.YDS.</b>
<b>FILL</b>	<b>= 2,880 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 1,200 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 1,200 Cu. Yds.
EXCESS MATERIAL After Reserve Pit is Backfilled & Topsoil is Re-distributed	= 0 Cu. Yds.



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

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

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

API Number:

Lease Number: UTU-73087

Location: SESE Sec. 4, T9S, R16E

**GENERAL**

Access pad from SW, off of proposed 13-3-9-16 location.

**CULTURAL RESOURCES**

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

**PALEONTOLOGICAL RESOURCES**

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

**SOILS, WATERSHEDS, AND FLOODPLAINS**

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

**WILDLIFE AND FISHERIES**

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

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

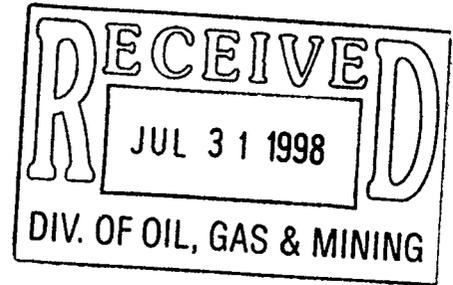
See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

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

**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: 43-013-32110

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

PROPOSED LOCATION:  
 SESE 04 - T09S - R16E  
 SURFACE: 0751-FSL-0713-FEL  
 BOTTOM: 0751-FSL-0713-FEL  
 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: \_\_\_\_\_)

N/A St/Fee Surf Agreement (Y/N)

LOCATION AND SITING:

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

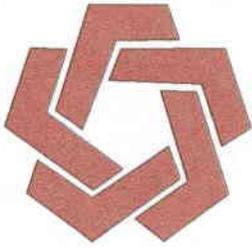
R649-3-2. General

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

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

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

STIPULATIONS: ① FEDERAL APPROVAL



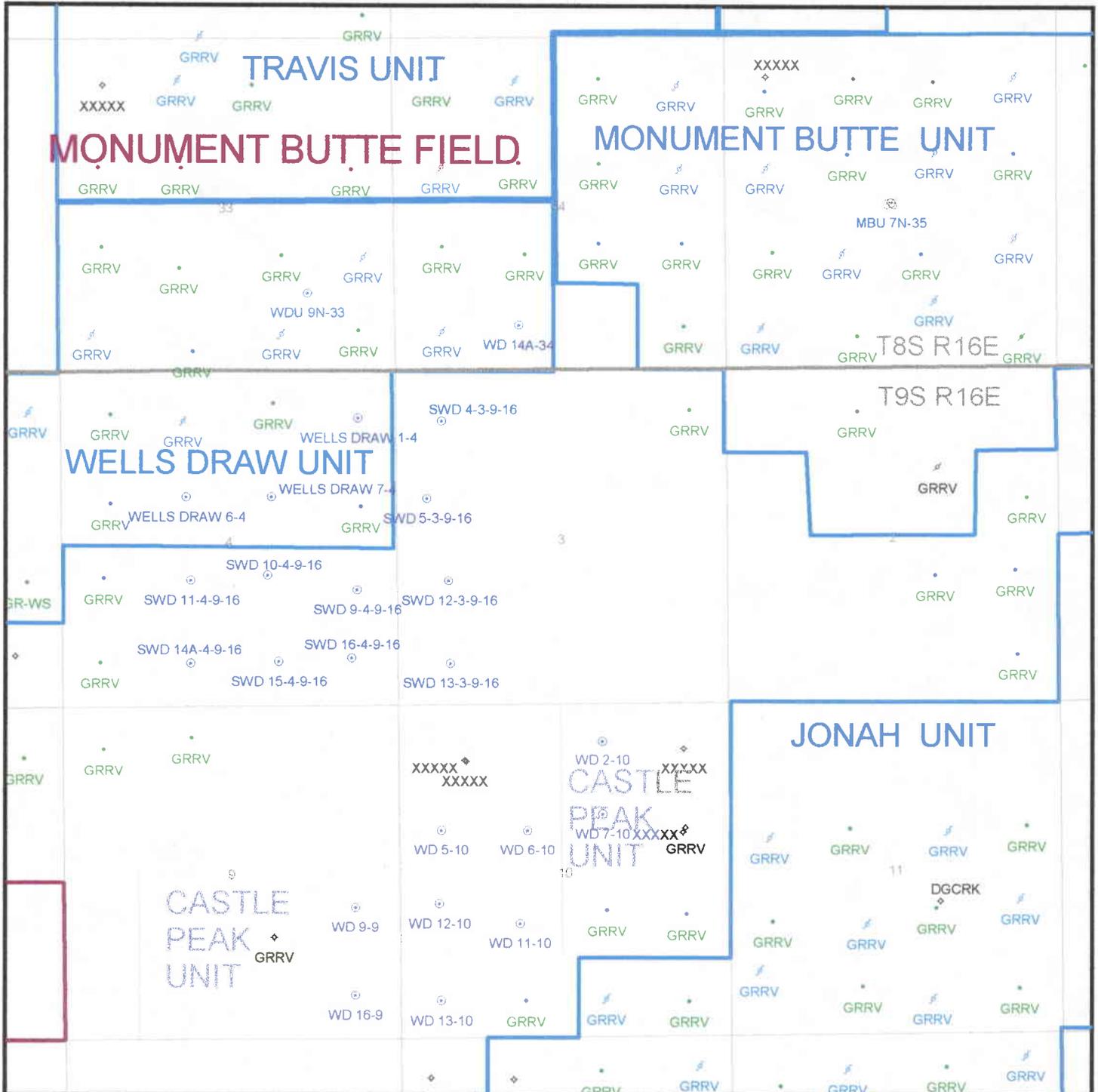
DIVISION OF OIL, GAS & MINING

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 16-4-9-16 Well, 751' FSL, 713' FEL, SE SE,  
Sec. 4, 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 43-013-32110.

Sincerely,

A handwritten signature in black ink, 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 16-4-9-16  
API Number: 43-013-32110  
Lease: UTU-73087  
Location: SE SE Sec. 4 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.

DCGMA

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

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 SE/SE 751' FSL & 713' FEL

12. County Duchesne 13. STATE UT

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\* 17.4 Miles southwest of Myton, UT

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 751'

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.) 5733.2' GR

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

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT/FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Includes text: 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.

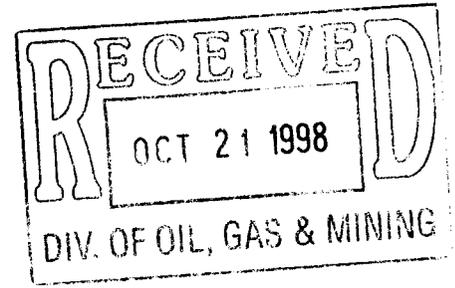
24. SIGNED Cheryl Cameron TITLE Regulatory Specialist DATE 7/29/98

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY APPROVAL DATE NOTICE OF APPROVAL

APPROVED BY [Signature] TITLE Assistant Field Manager Mineral Resources DATE 10/8/98

\*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.

RECEIVED OCT 21 1998 DIV. OF OIL, GAS & MINING



CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: S. Wells Draw 16-4-9-16

API Number: 43-013-32110

Lease Number: U -77338

Location: SESE Sec. 04 T. 9S R. 16E

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

### **CONDITIONS OF APPROVAL FOR NOTICE TO DRILL**

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

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

A. DRILLING PROGRAM

1. Casing Program and Auxiliary Equipment

As a minimum, the usable water resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at  $\pm 1,348$  ft.

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

**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 comata	2 lbs/acre
shadscale	Atriplex confertifolia	3 lbs/acre
fourwing saltbush	Atriplex canescens	4 lbs/acre
black sagebrush	Artemesia arbuscula v. nova	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, not shown on the cut sheet, 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.

**Wildlife Habitat**

If the location is to be constructed or well drilled February 1 to August 15, additional surveys for Golden Eagle and Mountain Plover will be required before development can occur.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO

Well Name: SOUTH WELLS DRAW 16-4-9-16

Api No. 43-013-32110 Lease Type: FEDERAL

Section 04 Township 09S Range 16E County DUCHESNE

Drilling Contractor UNION R IG # 4

SPUDDED:

Date 10/19/1999

Time \_\_\_\_\_

How ROTARY

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

Reported by PAT WISEMER

Telephone # 1-435-646-3721

Date 10/21/1999 Signed: JLT



October 21, 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 #7 – “Report of Water Encountered During Drilling” for the South Wells Draw #16-4-9-16. Please note that there was not a sample drawn so no water analysis report is included.

As always, thanks for your assistance. If you have any questions or need further information, please don't hesitate to call me. I can be reached on my cellular at (435) 823-7468 at our office in Pleasant Valley @ (435) 646-3721.

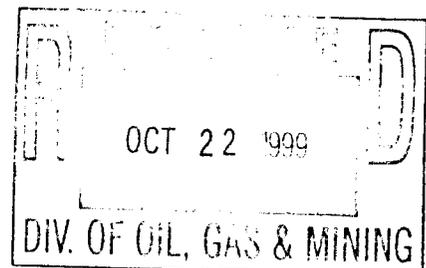
Sincerely,

Pat Wisener  
Drilling Foreman

Enclosures

cc: Pleasant Valley & Denver Well File

/pw



**REPORT OF WATER ENCOUNTERED DURING DRILLING**

Well name and number: SOUTH WELLS DRAW 16-4-9-16

API number: 43-013-32110

Well Location: QQ 16 Section 4 Township 9S Range 16E County Duchesne

Well operator: INLAND PRODUCTION

Address: Rt 3 Box 3630  
MYTON, UTAH 84052

Phone: 435-646-3721

Drilling contractor: Union Drilling Big 14

Address: Drawer 40 1  
Buckhannon WV 26201

Phone: 304-472-4610

Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
676'	686'	ESTIMATED @ 4gals/HR	FRESH

Formation tops: UINATAH Formation

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

If an analysis has been made of the water encountered, please attach a copy of the report to this form. No .

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

Date: 10/21/99

Name & Signature: PAT Wisener / Pat Wisener

Title: Drilling Foreman

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	12604	43-013-32110	South Wells Draw 16-4-9-16	SE/SE	4	9	16	Duchesne	Oct. 19,1999	

WELL 1 COMMENTS: Union rig #14 spud at 11:30 a.m. *991027 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		

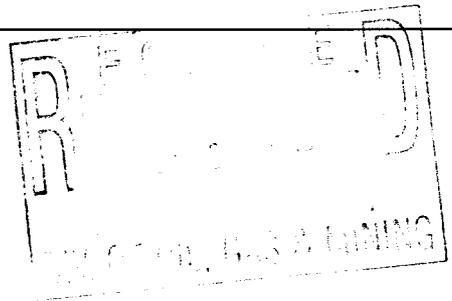
WELL 4 COMMENTS:

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.



*Cori Mathisen*  
 Signature  
 Senior Production Clerk  
 Title  
 October 21, 1999  
 Date

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 16-4-9-16**

9. API Well No.  
43-013-32110

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 435-646-3721**

3. Address and Telephone No.

**Route #3 Box 3630 Myton, Utah 84052**

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

751' FSL & 713' FEL SE/SE Sec. 4 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**

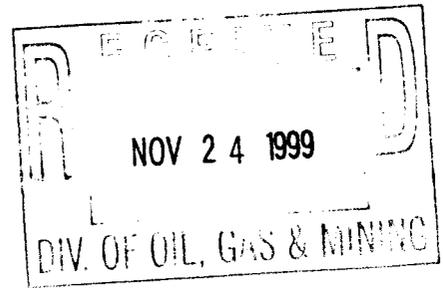
Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

(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.)\*

Weekly status report for time period 11/8/99 through 11/14/99.

The bridge plugs were removed from wellbore. All zones were swabbed to clean up sand. An additional 4' zone was perforated but not stimulated. Production equipment was ran in well. Well began producing on pump on 11/12/99.



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

Signed

*[Handwritten Signature]*

Title

**Completion Foreman**

Date

**19-Nov-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  
NA

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
16-4-9-16

9. API Well No.  
43-013-32110

10. Field and Pool, or Exploratory Area  
South Wells Draw

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)  
**751' FSL & 713' FEL SE/SE Sec 4, T9S, R16E**

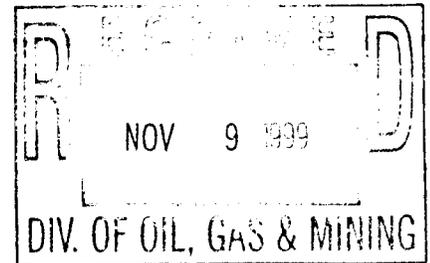
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input 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>Weekly Status</u>
	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

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

**WEEKLY STATUS REPORT FOR THE PERIOD OF 10/24/99 -10/30/99**

Pressure test BOP'S, KELLY COCK, TIW, CHOKE MANIFOLD TO 2,000 PSI. Pressure test 8 5/8" CSG to 1,500 PSI. Test witnessed by Ray Arnold, Vernal BLM District. Drill out shoe @ 343'. Drill 7 7/8' hole to 5850' Lay Down drill sting. Log hole. RIH w/ 5 1/2" Guide shoe, float collar, 139 JT's 5 1/2" J-55 csg. 20 centralizer as per/SOP. RU BJ and circulate well with 20 bbls dye water, 20 bbls gel sweep. Cement w/ 270 sks PREM. Lite II + .5% SM + 10 % GEL + 3 lbs. /sk CSE + 2 lbs. /sk KOL-SEAL + 3 % KCL + 1/4lbs sk CELLO-FLAKE. Cement w/ 350 sks 50/50 Poz + 3% KCL + 1/4lb sk CELLO-FLAKE + 2% GEL + .3% SM. Good circulation thru out job w/ 5bbls gel water to surface. Bump plug to 1776 psi. Rig Down Rig Move off Location



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

Signed Pat Wisener Title Drilling Foreman Date 10/29/99

(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

5. Lease Designation and Serial No. U-77338
6. If Indian, Allottee or Tribe Name NA
7. If Unit or CA, Agreement Designation
8. Well Name and No. 16-4-9-16
9. API Well No. 43-013-32110
10. Field and Pool, or Exploratory Area South Wells Draw
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)  
**751' FSL & 713' FEL SE/SE Sec 4, T9S, R16E**

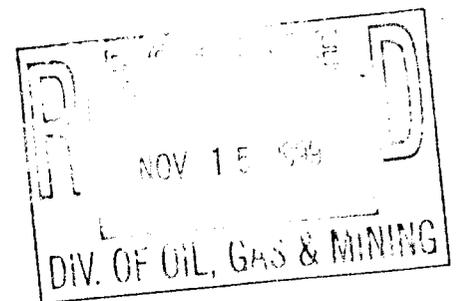
12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input 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 <b>STATUS REPORT</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 <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

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

**Weekly Status report for the period of 11-01-99 through 11-07-99**

The subject well was completed in the Green River formation. Perforated intervals as follows: 5170-5180', 4995-4997', 4999-5002', 5004-5016', 5021-5023'. For a total of 46 1/184 shots. Treated well bore with 242708# 20/40 sand in 1251 bbls of Viking fluid.



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

Signed *Larry Deif* Title Completion 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**



January 3, 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 16-4-9-16**  
**SESE Section 4, T9S, R16E**  
**Duchesne County, Utah**

**South Wells Draw 10-4-9-16**  
**NWSE Section 4, T9S, R16E**  
**Duchesne County, Utah**

Dear Mr. Forsman:

Enclosed please find a Well Completion Form 3160-4 and a set of logs for each of the wells referenced above. A copy of the cement bond logs for these wells will follow under separate cover.

If you should have any questions, please contact me at (303) 382-4441.

Sincerely,

Anita L. Shipman  
Operations Secretary

Enclosures

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

Well File - Denver  
Well File - Roosevelt

RECEIVED

JAN 06 2000

DIVISION OF OIL, GAS & 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 \_\_\_\_\_

**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 16-4-9-16

**2. NAME OF OPERATOR**

INLAND RESOURCES INC.

**9. API WELL NO.**

43-013-32110

**3. ADDRESS AND TELEPHONE NO.**

410 17th St. Suite 700 Denver, CO 80202; Phone (303) 893-0102

**10. FIELD AND POOL OR WILDCAT**

MONUMENT BUTTE

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

At Surface  
SE/SE 751' FSL & 713' FEL

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

Section 4, T9S, R16E

At top prod. Interval reported below

At total depth

**14. PERMIT NO.**

**DATE ISSUED**

**12. COUNTY OR PARISH**

DUCHESNE

**13. STATE**

UT

**15. DATE SPUNDED**

10/19/99

**16. DATE T.D. REACHED**

10/27/99

**17. DATE COMPL. (Ready to prod.)**

11/12/99

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

5733 GR

**19. ELEV. CASINGHEAD**

**20. TOTAL DEPTH, MD & TVD**

5850'

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

5767'

**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 4862-5180'

**RECEIVED**  
**JAN 06 2000**

**25. WAS DIRECTIONAL SURVEY MADE**

No

**26. TYPE ELECTRIC AND OTHER LOGS RUN**

1-6-2000

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

DIVISION OF OIL, GAS & MINING

**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#	326'	12-1/4	141 sx Class "G"	
5-1/2	15.5#	5849'	7-7/8	270 sx Premium Lite II & 350 sx 50/50 Poz	

**29. LINER RECORD**

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

**30. TUBING RECORD**

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8	EOT @ 5313'	TA @ 5059'

**31. PERFORATION RECORD (Interval, size and number)**

INTERVAL	SIZE	NUMBER
5170-5180	4 SPF	40 Holes
4995-97'; 4999-5002'; 4004-16'; 5021-23'	4 SPF	76 Holes
4862-69' & 4875-4881'	4 SPF	52 Holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5170 - 5180'	49,263# 20/40 sd in 278 bbls gelled water
4995 - 5023'	103,822# 20/40 sd in 488 bbls gelled water
5425 - 5446'	89,623# 20/40 sd in 485 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)
11/12/99	2-1/2" x 1-1/2" x 16" RHAC Pump	Producing
<b>7 day average</b>	<b>HOURS TESTED</b>	<b>CHOKE SIZE</b>
11/99	24	---
<b>FLOW, TUBING PRESS.</b>	<b>CASING PRESSURE</b>	<b>CALCULATED 24-HOUR RATE</b>
		---
<b>PROD'N. FOR TEST PERIOD</b>	<b>OIL--BBL.</b>	<b>GAS--MCF.</b>
---	73	102
<b>WATER--BBL.</b>	<b>GAS-OIL RATIO</b>	
2	1.40	
<b>OIL GRAVITY-API (CORR.)</b>		

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

Sold & Used for Fuel

**TEST WITNESSED BY**

**35. LIST OF ATTACHMENTS**

Logs In Item #26

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

SIGNED

*A. J. Sherman*

TITLE

*Operations Secretary*

DATE

1/3/00

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

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	TOP	
				MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch Mkr	3824'				
Garden Gulch 2	4155'				
Point 3 Mkr	4414'				
X Mkr	4680'				
Y-Mkr	4707'				
Douglas Creek Mkr	4829'				
BiCarbonate Mkr	5073'				
B Limestone Mkr	5201'				
Castle Peak	5703'				
Basal Carbonate	NDE				
Total Depth	5850'				

RECEIVED  
 JAN 16 2000  
 DIVISION OF OIL, GAS & MINING



January 11, 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 16-4-9-16**  
**SESE Section 4, T9S, R16E**  
**Duchesne County, Utah**

*43-013-32110*

**South Wells Draw 10-4-9-16**  
**NWSE Section 4, T9S, R16E**  
**Duchesne County, Utah**

Dear Mr. Forsman:

Enclosed please find the Cement Bond Logs for the above captioned wells. The well completion forms (3160-4) and a set of logs for each of the wells were mailed to your office on January 3, 2000. *Logs filed in log file.*

If you should have any questions, please contact me at (303) 382-4441.

Sincerely,

Anita L. Shipman  
Operations Secretary

Enclosures

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

Well File - Denver  
Well File - Roosevelt

RECEIVED

JAN 13 2000

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

**SUMMARY 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.

**U77338**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**NA**

8. Well Name and No.

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

9. API Well No.

**43-013-32110**

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

Injector

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

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

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

**751 FSL 713 FEL SE/SE Section 4, 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 **Lightning Strike**

Change of Plans

New Construction

Non-Routine Fracturing

Water Shut-Off

Conversion to Injection

Dispose Water

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

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

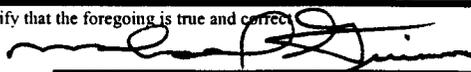
The above referenced well was struck by lightning on May 28, 2000. The production tanks, treater, and flowline burned. Approximately 225 bbls of oil was lost. The well was rebuilt and placed on production June 8, 2000.

RECEIVED

DIVISION OF  
OIL, GAS AND MINING

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

Signed



Title

**District Engineer**

Date

**6/20/00**

**Michael Guinn**

(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

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

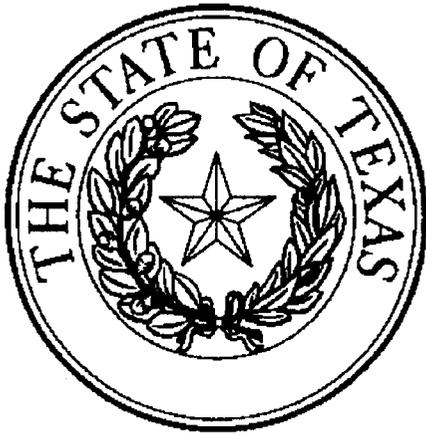
The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

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		



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	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-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> SOUTH WELLS DRAW (GR)
--	---

<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> S WELLS DRAW 16-4-9-16
------------------------------------	---

<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013321100000
--	---

<b>3. ADDRESS OF OPERATOR:</b> 1001 17th Street, Suite 2000 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 382-4443 Ext	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
--	--	--

<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 0751 FSL 0713 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 04 Township: 09.0S Range: 16.0E Meridian: S	<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 checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 5/1/2010  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input 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 type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:

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

Operator proposes to recomplate the subject well. This well has been identified to have pay behind pipe. We plan on opening the OAP GB6 4393-4404, LODC 5474-5480. Investigate WF response and acidize all other sands. Refer to the attached recompletion procedure. Please contact Newfield Engineer Tom Walker at 303-383-4114 or Paul Weddle at 303-383-4117 for procedure questions. You may contact me, Susan Linder at 303-382-4443 if further assistance is needed.

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

Date: October 12, 2009

By: *[Signature]*

<b>NAME (PLEASE PRINT)</b> Susan Linder	<b>PHONE NUMBER</b> 303 382-4443	<b>TITLE</b> Operations Tech
<b>SIGNATURE</b> N/A		<b>DATE</b> 9/30/2009

**Newfield Production Company****South Wells Draw 16-4-9-16**

Procedure for: OAP GB6 and LODC. Tubing fracs. Acidize if Scale found pulling tbg

Well Status: See attached Wellbore Diagram

AFE #

Engineer: **Paul Weddle** [pweddle@newfield.com](mailto:pweddle@newfield.com)  
 mobile 720-233-1280  
 office 303-383-4117

PROCEDURE

- 1 Blow down tbg. MIRU SU. Seat pump and pressure test tubing to 3,000 psi. POH, LD, and visually inspect rods and pump. ND wellhead. Strip-on and NU BOP. GIH and tag fill. Clean out to PBSD as necessary. TOOH visually inspecting 2-7/8" production tbg. Report any scale on production string (interval, depth, type) on morning report and verbally to Engineer. **If Scale found, call engineer and plan on doing some small acid/technihib jobs on existing zones.**
- 2 RU wireline unit. Make 4-3/4" gauge ring run to +/- **5,450**  
 Only Run B&S if required. RIH and perforate the following interval w/ 3SPF 120deg phasing:
 

<b>GB6</b>	<b>4393-4403</b>	3spf	120deg phasing
<b>LODC</b>	<b>5474-5478</b>	3spf	120deg phasing
- 3 PU tandem RBP/PKR and TIH on 2-7/8" N80 8RD EUE workstring. Breakdown all new perforations with 5-10 bbls fresh water while TIH (skip to next step if only 1 treatment zone)  
 Set RBP @ +/- **5,528** and test to 4,000psi. PUH with packer to +/- **5,425**
- 4 RU frac equip. Frac the **LODC** down tubing w/**15,000#** 20/40sand at 15 BPM with max sand concentration of 6ppg per BJ recommendation.
- 5 Flowback well immediately @ 3-4 BPM until dead.
- 6 Release Packer and RBP. RUH and:  
 Set RBP @ +/- **4,453** and test to 4,000psi. PUH with packer to +/- **4,343**
- 7 RU frac equip. Frac the **GB6** down tubing w/**30,000#** 20/40sand at 15 BPM with max sand concentration of 6ppg per BJ recommendation.
- 8 Flowback well immediately @ 3-4 BPM until dead.
- 9 Release Packer and RBP. POOH laying down workstring, packer, and RBP.
- 10 Run tubing as pulled. RU swab equipment and swab well until returns are clean of sand. GIH tag fill and clean out as necessary (**fill @ 5450 per WBD, PBSD @ 5767'**)
- 11 Place SN @ ± 5190 and set TAC at ±5152' with 15,000 lbs overpull. ND BOP's. NU wellhead.
- 12 PU and RIH with a 2-1/2" x 1-3/4" x 20' RHAC pump, 6 x 1-1/2" weight rods, 10 x 3/4" guided rods, 100 x 3/4" slick rods, 50 x 3/4" guided rods, 41 x 7/8" guided rods Space out with pony rods as necessary.
- 13 PWOP and track results for one month.

Spud Date: 10/19/99  
 Put on Production: 11/12/99  
 GL: 5733' KB: 5743'

# South Wells Draw 16-4-9-16

Initial Production: 73 BOPD,  
 102 MCFD, 2 BWPD

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts (316.24')  
 DEPTH LANDED: 326.24'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 141 sx Class "G" w/2% CC and 1/4#/sk Celloflake.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55 and N-80  
 WEIGHT: 15.5#  
 LENGTH: 138 jts (5825.97')  
 DEPTH LANDED: 5823.67'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 270 sx Premium Lite II Modified; and 350 sx 50/50 Poz w/3% KCl, 1/4#/sk cello-flake, 2% gel, .3% SM.  
 CEMENT TOP: Surface

### TUBING

SIZE/GRADE/WT: 2-7/8", 6.5#, M-50  
 NO. OF JOINTS: 166 jts (5144.98')  
 TUBING ANCHOR: 5154.98' KB  
 NO. OF JOINTS: 1 jt (31.76')  
 SEATING NIPPLE: 1.10'  
 SN LANDED AT: 5189.54' KB  
 NO. OF JOINTS: 1 jt (30.18')  
 TOTAL STRING LENGTH: EOT @ 5221.27' W/ 10' KB

### SUCKER RODS

POLISHED ROD: 1-1/2"x22"  
 SUCKER RODS: 2', 4', 6', 8', X 3/4" pony rods, 91- 3/4" scraped rods, 100- 3/4" slick rods, 10- 3/4" scraped rods, 6- 1 1/2" weight rods.  
 PUMP SIZE: 2-1/2"x1-1 3/4"x20" RHAC  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5 SPM

### FRAC JOB

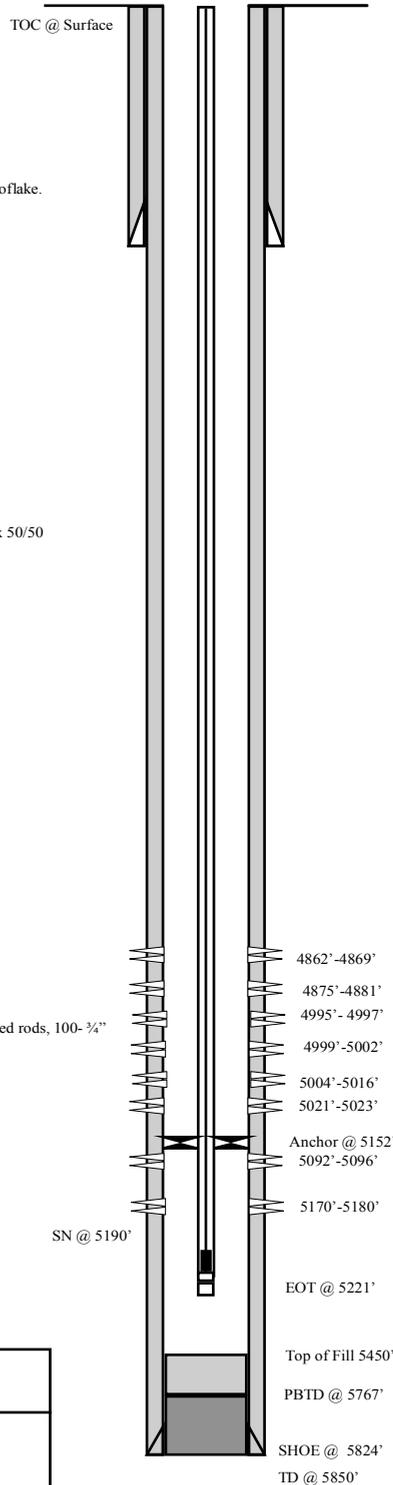
11-05-99 5170'-5180' **Frac B-2 sand as follows:**  
 49,263# 20/40 sand in 278 bbls Viking I-25 fluid. Breakdown @ 2443 psi. Treated w/avg press of 2100 psi w/avg rate of 28 BPM. ISIP-4100 psi, 5 min 4000 psi. Bled well off - flowed back est. 5 BTF.

11-05-99 4995'-5023' **Frac C sand as follows:**  
 103,822# 20/40 sand in 488 bbls Viking I-25 fluid. Breakdown @ 2249 psi. Treated w/avg press of 2500 psi w/avg rate of 30 BPM. ISIP-4100 psi, 5 min 2621 psi. Flowback @ 1.5 BPM. Recovered 81 BTF in 1-1/2 hrs.

11-06-99 4862'-4881' **Frac D-1 sand as follows:**  
 89,623# 20/40 sand in 485 bbls Viking I-25 fluid. Perfs broke down @ 3118 psi. Treated @ avg pressure of 2100 psi, w/avg. rate of 31 BPM. ISIP 3400 psi; 5 min. 2970 psi. Flowed through 12/64" choke @ 1 BPM.

03/26/02  
 09/23/02  
 11/15/04  
 02/25/06  
 03/19/07  
 5/5/09

**Pump Change:** Update rod and tubing details.  
**Pump Change:** Update rod detail.  
**Pump Change:** Update rod detail.  
**Pump Change:** Updated rod and tubing detail.  
**Pump Change:** Updated rod and tubing detail.  
 Pumping Unit Upgrade. Updated r & t details.



### PERFORATION RECORD

11-05-99	5170'-5180'	4 JSPF	40 holes
11-05-99	4995'-4997'	4 JSPF	8 holes
11-05-99	4999'-5002'	4 JSPF	12 holes
11-05-99	5004'-5016'	4 JSPF	48 holes
11-05-99	5021'-5023'	4 JSPF	8 holes
11-06-99	4862'-4869'	4 JSPF	28 holes
11-06-99	4875'-4881'	4 JSPF	24 holes
11-11-99	5092'-5096'	4 JSPF	16 holes

**NEWFIELD**

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

751' FSL & 713' FEL  
 SESE Section 4-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32110; Lease #UTU-77338

DF 7/13/09



June 3, 2009

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

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the South Wells Draw 16-4-9-16 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 Analyst

**RECEIVED**

**JUN 09 2009**

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

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**SOUTH WELLS DRAW 16-4-9-16**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**SOUTH WELLS DRAW UNIT**  
**LEASE #UTU-77338**  
**JUNE 3, 2009**

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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 16-4-9-16  
Field or Unit name: Monument Butte (Green River), South Wells Draw Unit Lease No. UTU-77338  
Well Location: QQ SE/SE section 4 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? . . . . . Yes [ X ] No [ ]  
Will the proposed well be used for: Enhanced Recovery? . . . . . Yes [ X ] No [ ]  
Disposal? . . . . . Yes [ ] No [ X ]  
Storage? . . . . . Yes [ ] No [ X ]  
Is this application for a new well to be drilled? . . . . . Yes [ ] No [ X ]  
If this application is for an existing well,  
has a casing test been performed on the well? . . . . . Yes [ ] No [ X ]  
Date of test: \_\_\_\_\_  
API number: 43-013-32110

Proposed injection interval: from 4155 to 5703  
Proposed maximum injection: rate 500 bpd pressure 3368 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 Analyst Date 6/8/09  
Phone No. (303) 893-0102

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

Comments:

# South Wells Draw 16-4-9-16

Spud Date: 10/19/99  
 Put on Production: 11/12/99  
 GL: 5733' KB: 5743'

Initial Production: 73 BOPD,  
 102 MCFD, 2 BWPD

## Proposed Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts (316.24')  
 DEPTH LANDED: 326.24'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 141 sx Class "G" w/2% CC and 1/4#/sk Celloflake.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55 and N-80  
 WEIGHT: 15.5#  
 LENGTH: 138 jts (5825.97')  
 DEPTH LANDED: 5823.67'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 270 sx Premium Lite II Modified; and 350 sx 50/50 Poz w/3% KCl, 1/4#/sk cello-flake, 2% gel, .3% SM.  
 CEMENT TOP: Surface

### TUBING

SIZE/GRADE/WT: 2-7/8", 6.5#, M-50  
 NO. OF JOINTS: 167 jts (5174.06')  
 TUBING ANCHOR: 5184.06' KB  
 NO. OF JOINTS: 1 jt (31.16')  
 SEATING NIPPLE: 1.10'  
 SN LANDED AT: 5218.02' KB  
 NO. OF JOINTS: 1 jt (30.13')  
 TOTAL STRING LENGTH: EOT @ 5313.06' W/ 10' KB

### FRAC JOB

11-05-99 5170'-5180' **Frac B-2 sand as follows:**  
 49,263# 20/40 sand in 278 bbls  
 Viking I-25 fluid. Breakdown @ 2443 psi. Treated w/avg press of 2100 psi w/avg rate of 28 BPM. ISIP-4100 psi, 5 min 4000 psi. Bled well off - flowed back est. 5 BTF.

11-05-99 4995'-5023' **Frac C sand as follows:**  
 103,822# 20/40 sand in 488 bbls  
 Viking I-25 fluid. Breakdown @ 2249 psi. Treated w/avg press of 2500 psi w/avg rate of 30 BPM. ISIP-4100 psi, 5 min 2621 psi. Flowback @ 1.5 BPM. Recovered 81 BTF in 1-1/2 hrs.

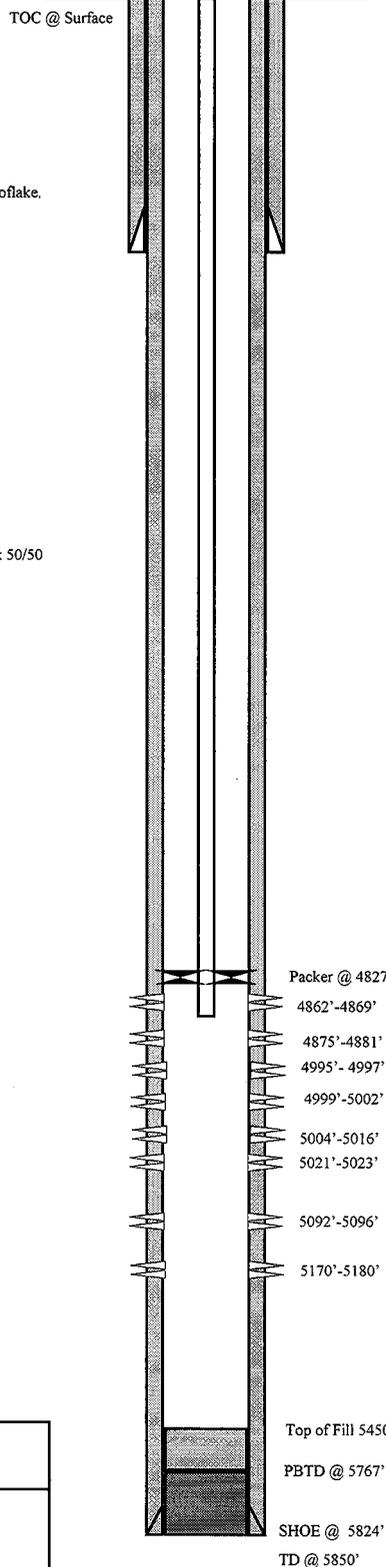
11-06-99 4862'-4881' **Frac D-1 sand as follows:**  
 89,623# 20/40 sand in 485 bbls Viking I-25 fluid. Perfs broke down @ 3118 psi. Treated @ avg pressure of 2100 psi, w/avg. rate of 31 BPM. ISIP 3400 psi; 5 min. 2970 psi. Flowed through 12/64" choke @ 1 BPM.

03/26/02  
 09/23/02  
 11/15/04  
 02/25/06  
 03/19/07

**Pump Change:** Update rod and tubing details.  
**Pump Change:** Update rod detail.  
**Pump Change:** Update rod detail.  
**Pump Change:** Updated rod and tubing detail.  
**Pump Change:** Updated rod and tubing detail.

### PERFORATION RECORD

Date	Interval	Perforations	Holes
11-05-99	5170'-5180'	4 JSPF	40 holes
11-05-99	4995'-4997'	4 JSPF	8 holes
11-05-99	4999'-5002'	4 JSPF	12 holes
11-05-99	5004'-5016'	4 JSPF	48 holes
11-05-99	5021'-5023'	4 JSPF	8 holes
11-06-99	4862'-4869'	4 JSPF	28 holes
11-06-99	4875'-4881'	4 JSPF	24 holes
11-11-99	5092'-5096'	4 JSPF	16 holes





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

751' FSL & 713' FEL  
 SESE Section 4-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32110; 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 16-4-9-16 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 16-4-9-16 well, the proposed injection zone is from Garden Gulch to Castle Peak (4155' -5703'). 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 3824' and the TD is at 5850'.
  
  - 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the South Wells Draw 16-4-9-16 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 State 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 5824' 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 3368 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 16-4-9-16, for existing perforations (4862' - 5180') calculates at 1.13 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 3368 psig. We may add additional perforations between 3824' and 5850'. 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 16-4-9-16, the proposed injection zone (4155' - 5703') is in the Garden Gulch to 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-13.

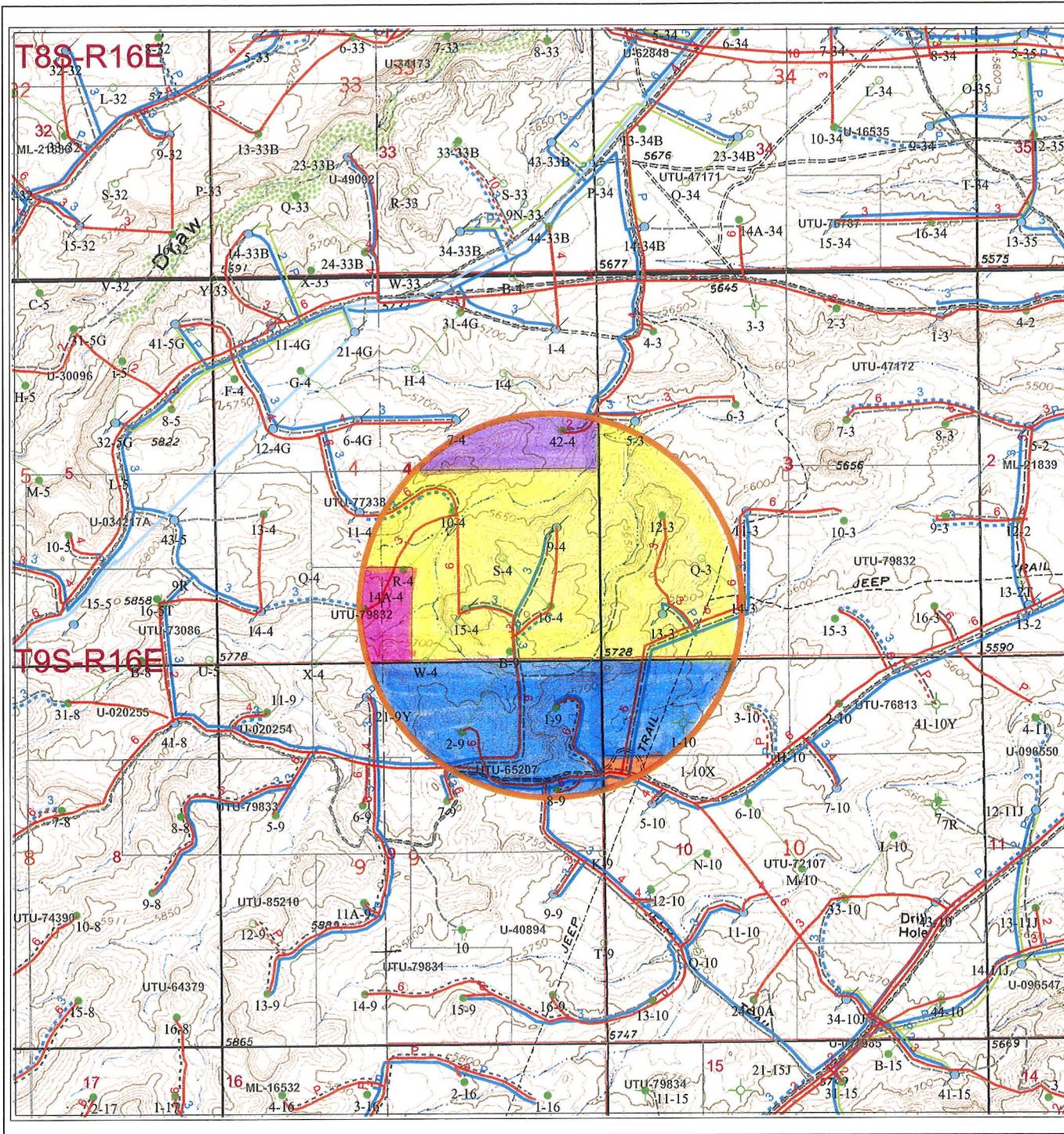
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

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

See Attachment C.

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

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



**Well Status**

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

**Injection system**

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

**Gas Pipelines**

- Gathering lines
- Proposed lines
- Leases
- Mining tracts
- 16-4-9-16 1/2mile radius

- UTU-77338
- U-30094
- UTU-79832
- UTU-45207
- UTU-72107

Attachment A

S Wells Draw 16-4-9-16  
Section 4, T9S-R16E

**NEWFIELD**  
ROCKY MOUNTAINS

1" = 2000'

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

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

April 27, 2009

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

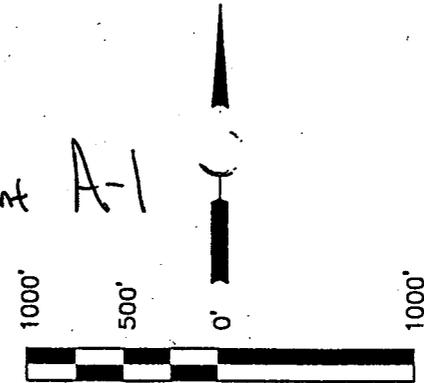
## INLAND PRODUCTION CO.

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

### BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 4, T9S, R16E, S.L.B.&M. TAKEN FROM THE MYTON SE. 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.

Attachment A-1

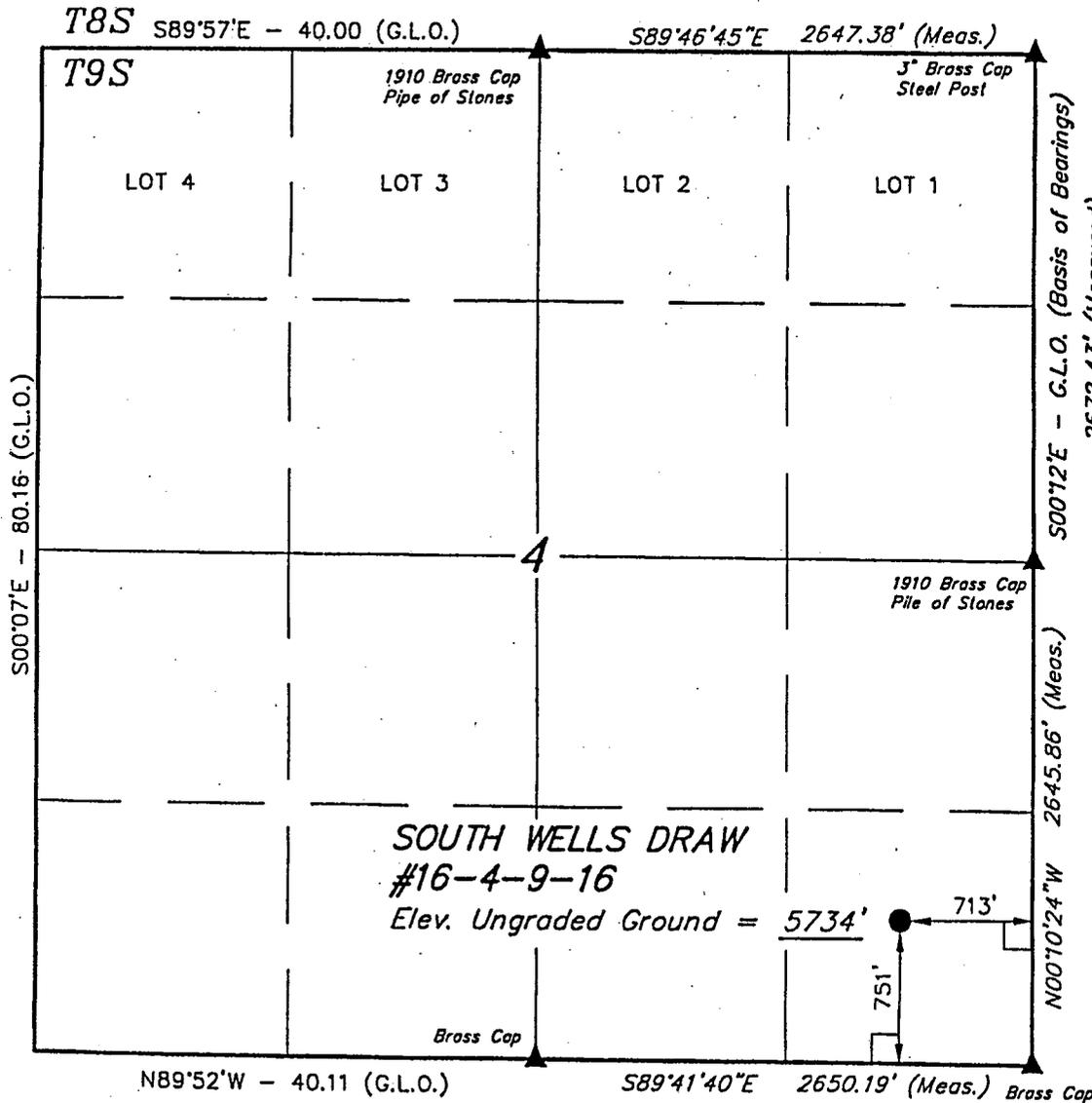


SCALE

### 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.

*Robert L. Day*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 167319  
 STATE OF UTAH



### LEGEND:

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

**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 07-22-98	DATE DRAWN: 07-23-98
PARTY K.K. B.B. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE INLAND PRODUCTION CO.	

EXHIBIT B

Page 1

1&2

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1.	<u>Township 9 South, Range 16 East</u> Section 3: Lots 3, 4, S2NW, SW Section 4: NESW, SE	UTU-77338 HBP	Newfield Production Company Newfield RMI, LLC 1001 17 <sup>th</sup> Street Suite 2000 Denver, Co. 80202	(Surface Rights) USA
2.	<u>Township 9 South, Range 16 East</u> Section 4: Lots 1-4, S2N2 Section 5: Lots 1-3, S2NE,SENW, NESW	U-30096 HBP	Newfield Production Company 1001 17 <sup>th</sup> Street Suite 2000 Denver, CO 80202	(Surface Rights) USA
3.	<u>Township 9 South, Range 16 East</u> Section 3: SE Section 4: SESW	UTU-79832 HBP	Newfield Production Company 1001 17 <sup>th</sup> Street Suite 2000 Denver, Co. 80202 Yates Petroleum Corporation 105 South Fourth Street Artesia, NM 80210	(Surface Rights) USA

EXHIBIT B

Page 2

2 of 2

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
4.	<u>Township 9 South, Range 16 East</u> Section 9: NE, NENW Section 10: N2NW	UTU-65207 HBP	Newfield Production Co 1001 17 <sup>th</sup> St. Suite 2000 Yates Drilling Company Yates Petroleum Corporation Abo Petroleum Corporation Myco Industries 105 South Fourth Street Artesia, NM 88210	(Surface Rights) USA
5.	<u>Township 9 South, Range 16 East</u> Section 10: S2N2, N2S2, S2SW	UTU-72107 HBP	Newfield Production Company 1001 17 <sup>th</sup> Street Suite 2000 Denver, Co. 80202	(Surface Rights) USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

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

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 Analyst

Sworn to and subscribed before me this 8<sup>th</sup> day of June, 2009.

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

My Commission Expires: 2/10/2013



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

Spud Date: 10/19/99  
 Put on Production: 11/12/99  
 GL: 5733' KB: 5743'

Initial Production: 73 BOPD,  
 102 MCFD, 2 BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts (316.24')  
 DEPTH LANDED: 326.24'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 141 sx Class "G" w/2% CC and 1/4#/sk Celloflake.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55 and N-80  
 WEIGHT: 15.5#  
 LENGTH: 138 jts (5825.97')  
 DEPTH LANDED: 5823.67'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 270 sx Premium Lite II Modified; and 350 sx 50/50 Poz w/3% KCl, 1/4#/sk cello-flake, 2% gel, .3% SM.  
 CEMENT TOP: Surface

### TUBING

SIZE/GRADE/WT: 2-7/8", 6.5#, M-50  
 NO. OF JOINTS: 167 jts (5174.06')  
 TUBING ANCHOR: 5184.06' KB  
 NO. OF JOINTS: 1 jt (31.16')  
 SEATING NIPPLE: 1.10'  
 SN LANDED AT: 5218.02' KB  
 NO. OF JOINTS: 1 jt (30.13')  
 TOTAL STRING LENGTH: EOT @ 5313.06' W/ 10' KB

### SUCKER RODS

POLISHED ROD: 1-1/2"x22'  
 SUCKER RODS: 2', 4', 6', 8', X 3/4" pony rods, 91- 3/4" scraped rods, 100- 3/4" slick rods, 10- 3/4" scraped rods, 6- 1 1/2" weight rods.  
 PUMP SIZE: 2-1/2"x1-1/2"x14' RHAC  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 6 SPM  
 LOGS: DIGL/SP/GR/CAL  
 DSN/SDL/GR

### FRAC JOB

11-05-99 5170'-5180' **Frac B-2 sand as follows:**  
 49,263# 20/40 sand in 278 bbls  
 Viking I-25 fluid. Breakdown @ 2443 psi. Treated w/avg press of 2100 psi w/avg rate of 28 BPM. ISIP-4100 psi, 5 min 4000 psi. Bled well off - flowed back est. 5 BTF.

11-05-99 4995'-5023' **Frac C sand as follows:**  
 103,822# 20/40 sand in 488 bbls  
 Viking I-25 fluid. Breakdown @ 2249 psi. Treated w/avg press of 2500 psi w/avg rate of 30 BPM. ISIP-4100 psi, 5 min 2621 psi. Flowback @ 1.5 BPM. Recovered 81 BTF in 1-1/2 hrs.

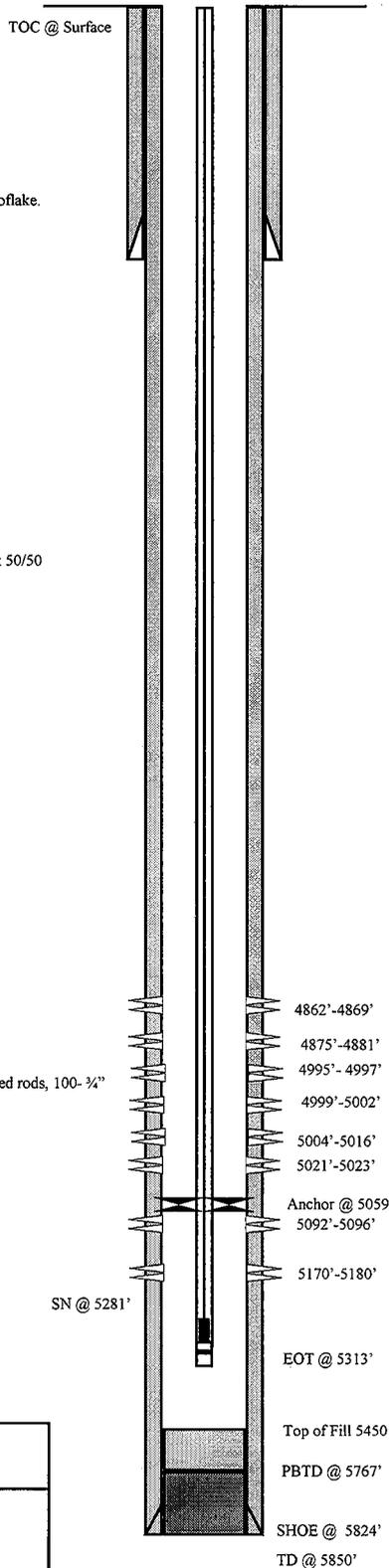
11-06-99 4862'-4881' **Frac D-1 sand as follows:**  
 89,623# 20/40 sand in 485 bbls Viking I-25 fluid. Perfs broke down @ 3118 psi. Treated @ avg pressure of 2100 psi, w/avg. rate of 31 BPM. ISIP 3400 psi; 5 min. 2970 psi. Flowed through 12/64" choke @ 1 BPM.

03/26/02  
 09/23/02  
 11/15/04  
 02/25/06  
 03/19/07

**Pump Change:** Update rod and tubing details.  
**Pump Change:** Update rod detail.  
**Pump Change:** Update rod detail.  
**Pump Change:** Updated rod and tubing detail.  
**Pump Change:** Updated rod and tubing detail.

### PERFORATION RECORD

Date	Interval	Tool	Holes
11-05-99	5170'-5180'	4 JSPF	40 holes
11-05-99	4995'-4997'	4 JSPF	8 holes
11-05-99	4999'-5002'	4 JSPF	12 holes
11-05-99	5004'-5016'	4 JSPF	48 holes
11-05-99	5021'-5023'	4 JSPF	8 holes
11-06-99	4862'-4869'	4 JSPF	28 holes
11-06-99	4875'-4881'	4 JSPF	24 holes
11-11-99	5092'-5096'	4 JSPF	16 holes



**NEWFIELD**

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

751' FSL & 713' FEL  
 SESE Section 4-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32110; Lease #UTU-77338

## Federal #42-4-9-16

Initial Production: 121 BOPD, 430 MCFD  
10 BWPD

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

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

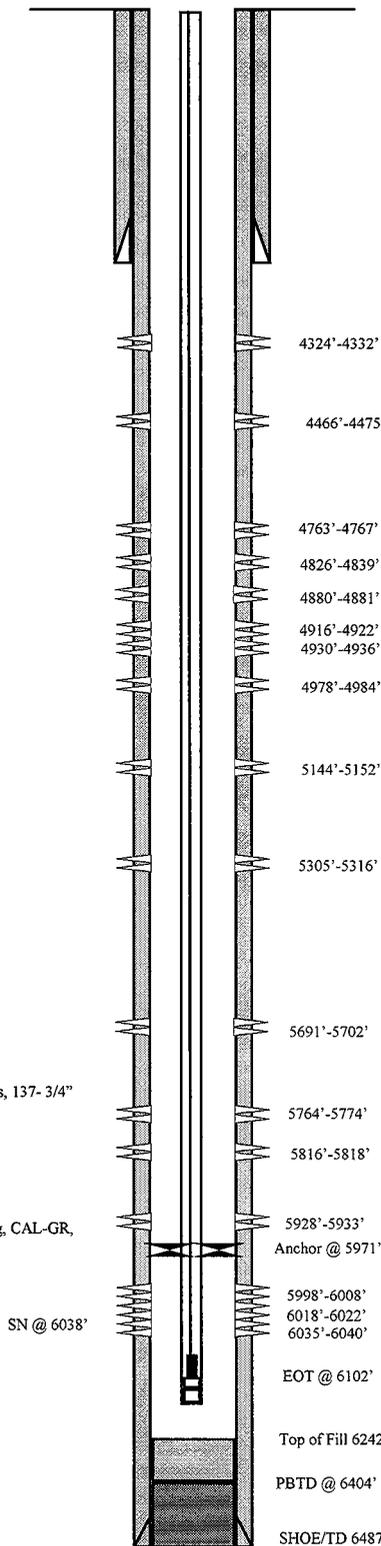
CSG SIZE: 5-1/2"  
GRADE: N-80  
WEIGHT: 17#  
LENGTH: 165 jts  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 720 sx Ideal "G"  
CEMENT TOP AT: ?  
SET AT: 6483'

### 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 DSI 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 SPF	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

# South Wells Draw 10-4-9-16

Spud Date: 10/28/99  
 Put on Production: 11/26/99  
 GL: 5656' KB: 5666'

Initial Production: 44 BOPD, 59 MCFD  
 2 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (325.47')  
 DEPTH LANDED: 323.17'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 141 sx Class "G" w/2% CC and 1/4#/sk flocele.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55 and N-80  
 WEIGHT: 15.5#  
 LENGTH: 132 jts (5568.93')  
 DEPTH LANDED : 5566.63'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 265 sx Premium Lite II Modified; and 305 sx 50/50 Poz w/3% KCl, 1/4#/sk cello-flake, 2% gel, .3% SM.  
 CEMENT TOP: 640'

**TUBING**

SIZE/GRADE/WT: 2-7/8", 6.5#, M-50  
 NO. OF JOINTS: 168 jts (5214.27')  
 TUBING ANCHOR: 5224.27'  
 NO. OF JOINTS: 1 jt. (30.96')  
 SEATING NIPPLE: 1.10'  
 SN LANDED AT: 5258.03'  
 NO. OF JOINTS: PBGA jt. 31.24'  
 NO. OF JOINTS: 3 jts (92.52')  
 TOTAL STRING LENGTH EOT @: 5383.69'

**SUCKER RODS**

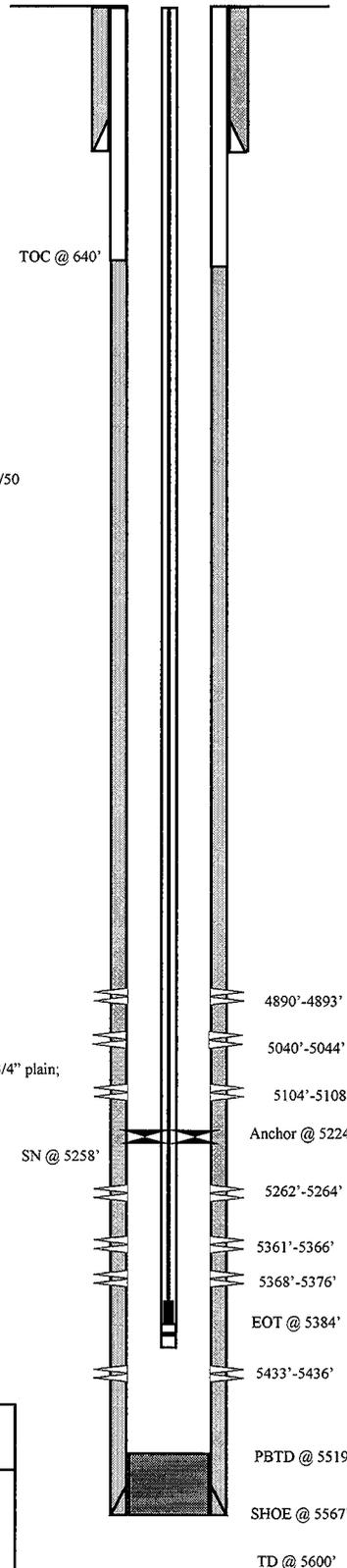
POLISHED ROD: 1-1/2"x22'  
 SUCKER RODS: 4-11/2" weight rods; 10-3/4" scraped rods; 107-3/4" plain; 88-3/4" scraped, 1-4', 1-6', x3/4" pony rods  
 PUMP SIZE: 2-1/2"x1-1/2"x15' RHAC  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5 SPM  
 LOGS: DIGL/SP/GR/CAL  
 DSN/SDL/GR

**FRAC JOB**

11-20-99 5262'-5436' **Frac A/LDC sand as follows:**  
 102,200# 20/40 sand in 602 bbls  
 Boragel fluid. Breakdown @ 2070 psi. Treated  
 press of 2521 psi w/avg rate of  
 35.9 BPM. ISIP-3125 psi, 5  
 min 2972 psi. Left pressure on well.  
 Re-set plug; released pressure off well.  
 Flowback 2 bbls fluid.  
 w/avg  
 11-20-99 4890'-5108' **Frac C/B sand as follows:**  
 99,900# 20/40 sand in 547 bbls  
 30# Boragel. Breakdown @ 1888 psi. Treated  
 press of 2058 psi w/avg rate of  
 31.5 BPM. ISIP-2000 psi, 5 min 1938 psi.  
 12/64" ck for 2-1/2 hrs & died.  
 w/avg  
 Flowback on  
 12/13/02 Parted rods. Update rod and tubing  
 detail.

**PERFORATION RECORD**

11-20-99	5262'-5264'	4 JSPF	8 holes
11-20-99	5361'-5366'	4 JSPF	20 holes
11-20-99	5368'-5376'	4 JSPF	32 holes
11-20-99	5433'-5436'	4 JSPF	12 holes
11-20-99	4890'-4893'	4 JSPF	12 holes
11-20-99	5040'-5044'	4 JSPF	16 holes
11-20-99	5104'-5108'	4 JSPF	16 holes





**Inland Resources Inc.**

**South Wells Draw 10-4-9-16**

2068' FSL and 2042' FEL

NWSE Section 4-T9S-R16E

Duchesne Co, Utah

API #43-013-32103; Lease #UTU-77338

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

Initial Production: 69 BOPD, 124 MCFD  
8 BWPD

Spud Date: 10/13/98  
Put on Production: 11/10/98  
GL: 5689' KB: 5699'

## Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (311')  
DEPTH LANDED: 297'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 140 sx Class "G" w/2% CC, 2% gel, 1/2 #/sx flocele

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 137 jts (5981')  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 280 sx Premium Lite Mod, and 340 sx Class "G" w/10% A-10 and 10% salt.  
CEMENT TOP AT:  
SET AT: 5990'

### TUBING

SIZE/GRADE/WT: 2-7/8", 6.5#, M-50  
NO. OF JOINTS: 152 jts. (4712.22')  
SEATING NIPPLE: 1.10'  
SN LANDED AT: 4713.32'  
TUBING ANCHOR: 4720.19'  
TOTAL STRING LENGTH: 4720.54'

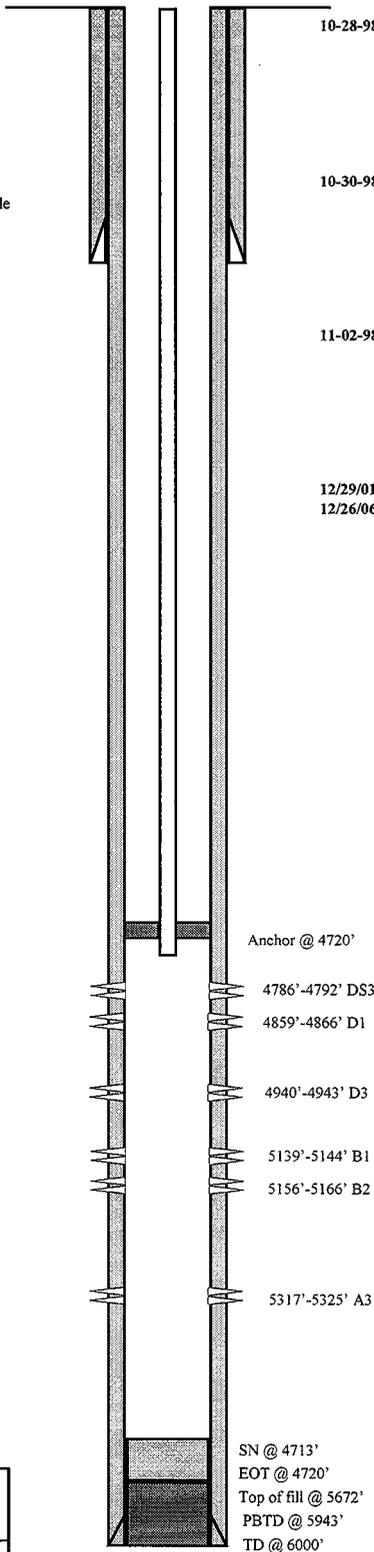
### FRAC JOB

10-28-98 5317'-25' **Frac A sand as follows:**  
96,000# 20/40 sand in 505 bbls  
Viking I-25 fluid. Breakdown  
@ 3098 psi. Treated w/avg press of 1800 psi  
w/avg rate of 28 BPM. ISIP-2300 psi, 5  
min 2215 psi. Flowback on 12/64" ck for 4 hrs &  
died.

10-30-98 5139'-66' **Frac B sand as follows:**  
104,900# 20/40 sand in 516 bbls  
Viking I-25 fluid. Breakdown  
@ 3225 psi. Treated w/avg press of 1520 psi  
w/avg rate of 29.6 BPM. ISIP-2400 psi, 5  
min 2200 psi. Flowback on 12/64" ck for 2 hrs &  
died.

11-02-98 4786'-943' **Frac D/YDC sand as follows:**  
128,840# 20/40 sand in 587 bbls  
Viking I-25 fluid. Breakdown  
@ 2291 psi. Treated w/avg press of 2600 psi  
w/avg rate of 36.7 BPM. ISIP-3500 psi, 5  
min 3008 psi. Flowback on 12/64" ck for 1-1/2 hrs  
& died.

12/29/01  
12/26/06 **Convert to injector.  
5 Year MIT completed and submitted.**



### PERFORATION RECORD

Date	Depth Range	Number of Holes	Notes
10-27-98	5317'-5325'	4	JSPF 32 holes
10-29-98	5139'-5144'	4	JSPF 20 holes
10-29-98	5156'-5166'	4	JSPF 40 holes
10-31-98	4786'-4792'	4	JSPF 24 holes
10-31-98	4859'-4866'	4	JSPF 28 holes
10-31-98	4940'-4943'	4	JSPF 12 holes

**NEWFIELD**

South Wells Draw #9-4-9-16  
1837' FSL & 613' FWL  
NESE Section 4-T9S-R16E  
Duchesne Co, Utah  
API #43-013-32102; Lease #UTU-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"  
 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**

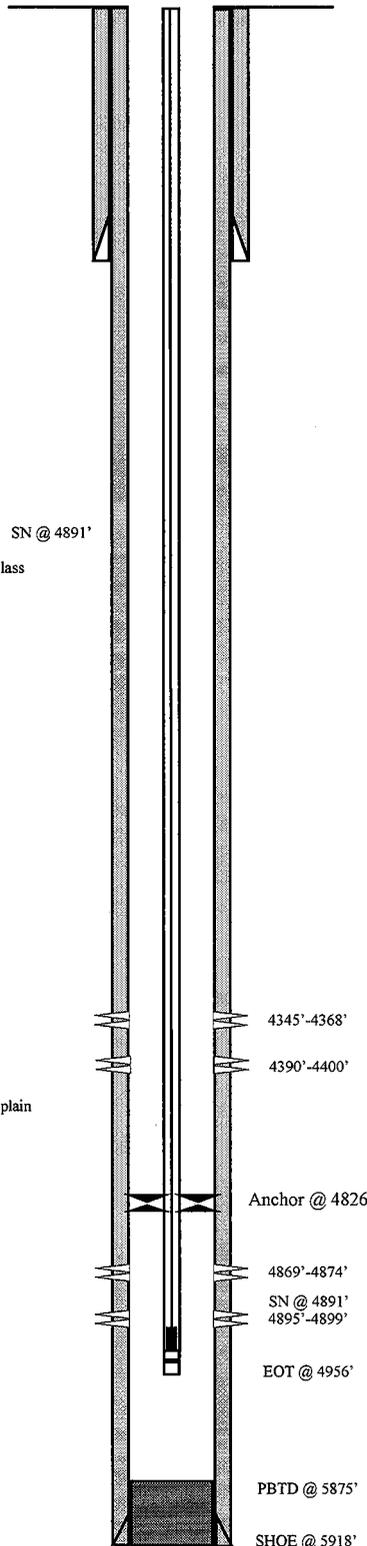
POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 6-1 1/2" weight bars; 10-3/4" scraped rods; 89-3/4" plain rods, 90-3/4" scraped rods, 1-6, 1-2' x 3/4" pony rod.  
 PUMP SIZE: 2-1/2" x 1 1/2' x 15 1/2' RHAC  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 4.5 SPM  
 LOGS: DIGL/SP/GR/CAL

**FRAC JOB**

9/10/01 4869'-4899' **Frac D1 sands as follows:**  
 43,420# 20/40 sand in 391 bbls Viking 1-25 fluid. Treated @ avg press of 2125 psi w/avg rate of 31 BPM. ISIP 2000 psi.  
 9/10/01 4345'-4400' **Frac GB sands as follows:**  
 128,420# 20/40 sand in 892 bbls Viking 1-25 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  
 NWSW Section 3-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32105 Lease #U-77338

# SWD Federal #R-4-9-16

Spud Date: 6-4-08  
 Put on Production: 7-25-08  
 GL:5603' KB:5615'

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: K-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (318.08')  
 DEPTH LANDED: 328.08'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: To surface with 160 sx Class "G" cmt

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: K-55  
 WEIGHT: 17#  
 LENGTH: 141 jts 6236'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sx Premlite II and 450 sx 50/50 Poz  
 CEMENT TOP AT: 46'

**TUBING**

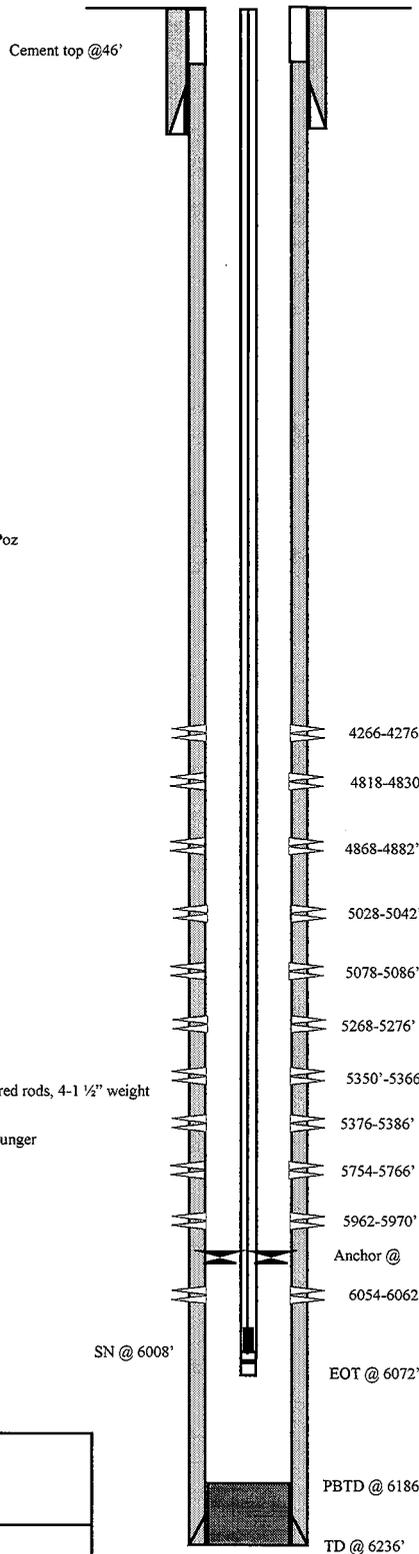
SIZE/GRADE/WT: 2-7/8", J-55, 6.5#  
 NO. OF JOINTS: 194 jts (5961.58')  
 TUBING ANCHOR: 5973.58' KB  
 NO. OF JOINTS: 1 jt (31.46')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 6007.74'  
 NO. OF JOINTS: 2 jts (62.88')  
 TOTAL STRING LENGTH: EOT @ 6072.17'

**SUCKER RODS**

POLISHED ROD: 1-1/2"x 26'  
 SUCKER RODS: 2-2' x 7/8" pony rods, 238- 7/8" scraped rods, 4-1 1/2" weight rods  
 PUMP SIZE: cdi 2 1/2"x 1 1/2" x 21' RHAC pump w/sm plunger  
 STROKE LENGTH: 122"  
 PUMP SPEED, SPM: 4 SPM

**FRAC JOB**

7-21-08 6054-6062' **Frac CP5 sds as follows:**  
 23,841#s of 20/40 sand in 382 bbls of Lightning 17 fluid. ISIP 2024 psi.  
 7-21-08 5962-5970' **Frac CP4 sds as follows:**  
 25,330#s of 20/40 sand in 374 bbls of Lightning 17 fluid. ISIP 2269  
 7-21-08 5350-5366' **Frac LODC sds as follows:**  
 65,317#s of 20/40 sand in 558 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2133 psi w/ ave rate of 22.8 BPM. ISIP 2848 psi.  
 7-21-08 5268-5276' **Frac A1 sds as follows:**  
 24,872#s of 20/40 sand in 359 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2382 psi w/ ave rate of 23.0 BPM. ISIP 2247 psi.  
 7-21-08 5028-5042' **Frac B.5 & B1 sds as follows:**  
 50,070#s of 20/40 sand in 455 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2137 psi w/ ave rate of 22.7 BPM. ISIP 2194 psi.  
 7-21-08 4818-4830' **Frac D1 & D2 sds as follows:**  
 130,336#s of 20/40 sand in 911 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2239 psi w/ ave rate of 22.9 BPM. ISIP 2435 psi.  
 7-21-08 4266-4276' **Frac GB2 sds as follows:**  
 24,830#s of 20/40 sand in 911 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2239 psi w/ ave rate of 22.9 BPM. ISIP 2435 psi.



**PERFORATION RECORD**

4266-4276'	4 JSPF	40 holes
4818-4830'	4 JSPF	48 holes
4868-4882'	4 JSPF	56 holes
5028-5042'	4 JSPF	64 holes
5078-5086'	4 JSPF	32 holes
5268-5276'	4 JSPF	32 holes
5350-5366'	4 JSPF	64 holes
5376-5386'	4 JSPF	40 holes
5754-5766'	4 JSPF	48 holes
5962-5970'	4 JSPF	32 holes
6054-6062'	4 JSPF	32 holes

**NEWFIELD**

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**SWD Federal #R-4-9-16**  
 2053' FSL & 2051' FEL  
 NE/SE Section 4-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-33763; Lease #UTU-77338

# South Wells Draw #14A-4-9-16

Spud Date: 1/17/2000  
 Put on Production: 7/13/2000  
 GL: 5711' KB: 5721'

Initial Production: 75 BOPD,  
 90 MCFD, 4 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (305.07')  
 DEPTH LANDED: 316'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 141 sxs Class "G" cmt, est 5 bbls cmt to surf

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55 & N-80  
 WEIGHT: 15.5# & 17.0#  
 LENGTH: 144 jts. (5861.96')  
 DEPTH LANDED: 5859.76'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 280 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 816'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 182 jts (5658.64')  
 TUBING ANCHOR: 5544'  
 SEATING NIPPLE: 2-7/8" (1.10')  
 TOTAL STRING LENGTH: EOT @ 5705'  
 SN LANDED AT: 5578'

**SUCKER RODS**

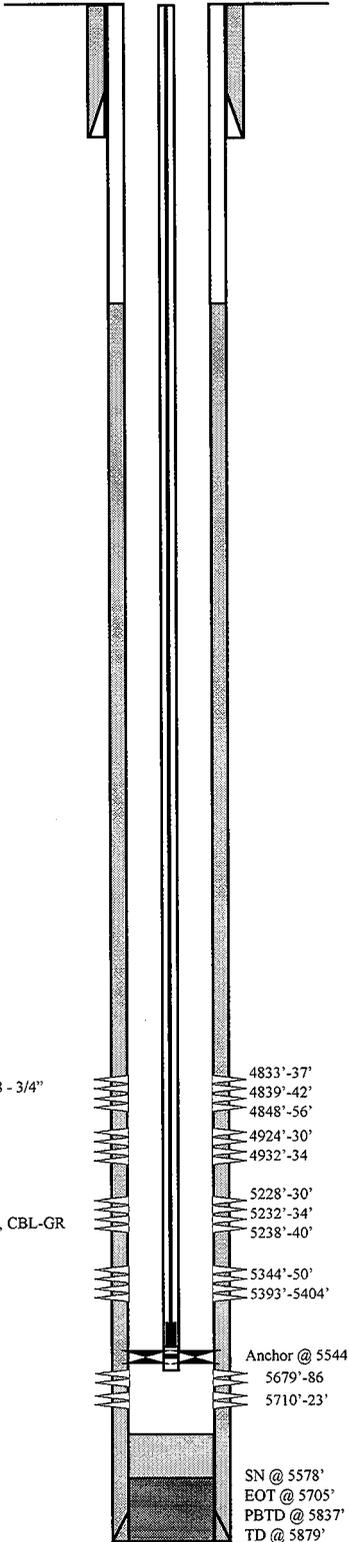
POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 4-1-1/2"x25' weight bars, 10 -3/4" guided rods, 118 - 3/4" slick rods, 90 - 3/4" guided rods, 1 -3/4"x6' pony rod.  
 PUMP SIZE: 2-1/2" x 1-1/2" RHAC  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 8 SPM  
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

**FRAC JOB**

2/15/00 5679'-5723' **Frac CP sand as follows:**  
 83,359# 20/40 sand in 487 bbls Viking I-25 fluid. Perfs broke down @ 3656 psi. Treated @ avg press of 1700 psi w/avg rate of 30 BPM. ISIP 2520 psi, 5 min 2392 psi.

2/15/00 5228'-5404' **Frac A/LDC sand as follows:**  
 101,132# 20/40 sand in 578 bbls Viking I-25 fluid. Perfs broke down @ 3480 psi. Treated @ avg press of 2100 psi w/avg rate of 34 BPM. Had several small breaks & a large pressure break when bringing pumps up to rate. With approx 40 bbls left to flush, pressure was near maximum. Rate was decreased 25 BPM, then pressure dropped off approx 2000 psi & a full flush was achieved. ISIP 2380 psi, 5 min 2170 psi.

2/15/00 4833'-4934' **Frac C/D sand as follows:**  
 64,257# 20/40 sand in 332 bbls Viking I-25 fluid. Perfs broke down @ 2620 psi. Treated @ avg. press of 2000 psi w/avg rate of 34 BPM. With 7# sand on perfs, pressure increased rapidly. Rate was increased & sand cut @ blender @ 8-1/2# but maximum pressure was reached before any flush water was pumped. Screened out with approx 38,257# sand in perfs and 25,000# sand left in csg.



**PERFORATION RECORD**

Date	Interval	Tool	Holes
2/15/00	5710'-5723'	4 JSPP	52 holes
2/15/00	5679'-5686'	4 JSPP	28 holes
2/15/00	5393'-5404'	4 JSPP	44 holes
2/15/00	5344'-5350'	4 JSPP	24 holes
2/15/00	5238'-5240'	4 JSPP	8 holes
2/15/00	5228'-5230'	4 JSPP	8 holes
2/15/00	5232'-5234'	4 JSPP	8 holes
2/16/00	4932'-4934'	4 JSPP	8 holes
2/16/00	4924'-4930'	4 JSPP	24 holes
2/16/00	4848'-4856'	4 JSPP	32 holes
2/16/00	4833'-4837'	4 JSPP	16 holes
2/16/00	4839'-4842'	4 JSPP	12 holes



South Wells Draw #14A-4-9-16  
 731' FSL & 2030' FWL  
 SE/SW Section 4-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32107; Lease #UTU-79832

# South Wells Draw #15-4-9-16

Spud Date: 1/25/2000  
 Put on Injection: 7/30/02  
 GL: 5725' KB: 5735'

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (319.75')  
 DEPTH LANDED: 317.35'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 141 sxs Class "G" cmt.

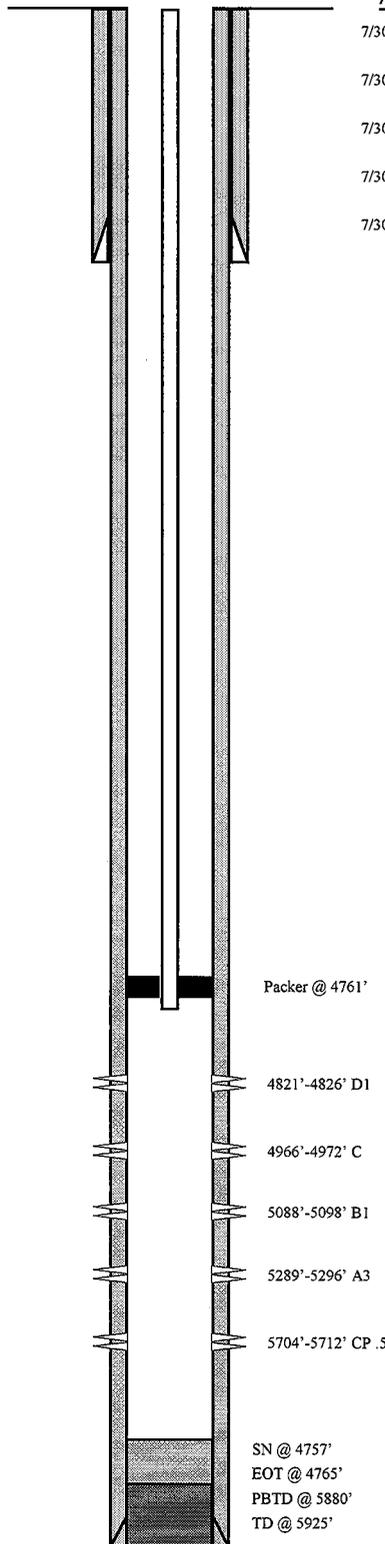
**PRODUCTION CASING**

CSG SIZE: 4-1/2"  
 GRADE: J-55  
 WEIGHT: 11.6#  
 LENGTH: 132 jts. (5921.85')  
 DEPTH LANDED: 5919.45'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 350 sk Prem. Lite II mixed & 550 sxs 50/50 POZ.  
 CEMENT TOP AT: Surface per CBL

**TUBING**

SIZE/GRADE/WT.: 2-3/8" / J-55 / 4.7#  
 NO. OF JOINTS: 148 jts (4747.79')  
 SEATING NIPPLE: 2-3/8" (1.10')  
 SN LANDED AT: 4757.79' KB  
 PACKER: 1 jts (4761.84')  
 TOTAL STRING LENGTH: EOT @ 4765.49' KB

Injection Wellbore Diagram



**ACID JOBS**

Date	Interval	Description
7/30/02	5704'-5712'	Acidize CP 0.5 sand as follows: Used 110 gal 15% HCl w/ 4200 psi @ .8 BPM.
7/30/02	5289'-5296'	Acidize A 3 sand as follows: Used 110 gal 15% HCl w/ 1500 psi @ 1.1 BPM.
7/30/02	5088'-5098'	Acidize B 1 sand as follows: Used 110 gal 15% HCl w/ 2500 psi @ 1.1 BPM.
7/30/02	4966'-4972'	Acidize C sand as follows: Used 110 gal 15% HCl w/ 3000 psi @ .9 BPM.
7/30/02	4821'-4826'	Acidize D 1 sand as follows: Used 110 gal 15% HCl w/ 2300 psi @ .9 BPM.

**PERFORATION RECORD**

Date	Interval	Tool	Holes
7/29/02	5704'-5712'	4 JSPF	32 holes
7/29/02	5289'-5296'	4 JSPF	28 holes
7/29/02	5088'-5098'	4 JSPF	40 holes
7/29/02	4966'-4972'	4 JSPF	24 holes
7/29/02	4821'-4826'	4 JSPF	20 holes



South Wells Draw #15-4-9-16  
 709 FSL & 1877 FEL  
 SWSE Section 4-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32108; Lease #UTU-77338

# South Wells Draw 13-3-9-16

Spud Date: 9-22-00  
 Put on Production: 4-6-05  
 GL: 4941' KB: 4953'

Initial Production: BOPD 17,  
 MCFD 36, BWPD 52

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (299.08')  
 DEPTH LANDED: 311' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 155 sks Class "G" est. 7 bbls to surface

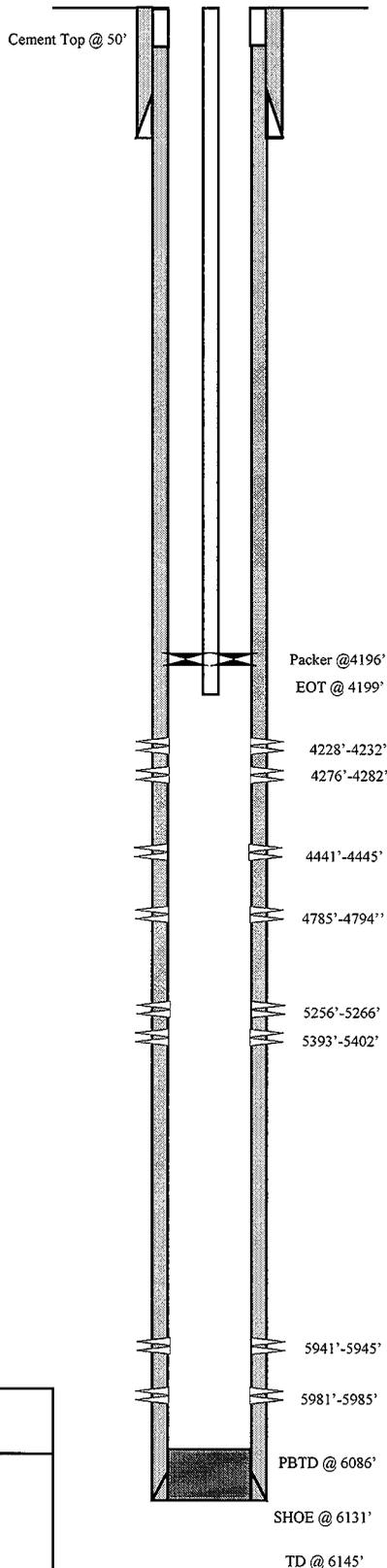
**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 138 jts. (6092')  
 DEPTH LANDED: 6131' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 350 sks Premilite II & 450 sks 50/50 POZ  
 CEMENT TOP AT: 50'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 134 jts (4179.41')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4191.41' KB  
 TOTAL STRING LENGTH: EOT @ 4198.71' KB

**Injection Wellbore Diagram**



**FRAC JOB**

3-31-05 5941'-5985'\*\*\* **Frac CP5 and CP4 sand as follows:**  
 25,226#s of 20/40 sand in 317 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1835 w/ avg rate of 24.9 bpm w/up to 8 ppg of sand. ISIP was 1920. 463 bbls EWTR. Calc. flush 5938 gal. Actual flush 5964 gal.

3-31-05 5393'-5402' **Frac LODC sand as follows:**  
 20,302#s of 20/40 sand in 283 bbls Lightning 17 frac fluid. Treated @ ave. pressure of 1878 w/ave reate of 24.8 BPM w/up to 8 ppg of sand. ISIP was 2230. Calc. flush 5391 gals. Actual flush 5418 gals

3-31-05 5256'-5266' **Frac A1 sand as follows:**  
 50,376#s of 20/40 sand in 423 bbls Lightning 17 frac fluid. Treated @ ave pressure 1883 w/ave rate of 24.8 BPM. ISIP was 2010. Calc. flush 5253 gals. Actual flush 4914 gals.

3-31-05 4785'-4794' **Frac D1 sand as follows:**  
 24,722#s of 20/40 sand in 292 bbls Lightning 17 frac fluid. Treated @ ave pressure 2033 w/ ave rate of 24.9 BPM. ISIP was 2025. Calc. flush 4783 gals. Actual flush 4746.

3-31-05 4441'-4228' **Frac PB8, GB6 and GB4 sand as follows:**  
 37,704#s of 20/40 sand in 375 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1885 w ave rate of 25 BPM. ISIP was 2020. Calc. flush 4439 gals. Actual flush 4158 gals.

Packer @4196' 9/25/06  
 EOT @ 4199' 10/16/06

**Well converted to an Injection well.**  
**MIT completed and submitted.**

**PERFORATION RECORD**

Date	Depth Range	Number of Holes
3-23-05	5981'-5985'	4 JSPF 16 holes
3-23-05	5941'-5945'	4 JSPF 16 holes
3-31-05	5393'-5402'	4 JSPF 36 holes
3-31-05	5256'-5266'	4 JSPF 40 holes
3-31-05	4785'-4794'	4 JSPF 36 holes
3-31-05	4441'-4445'	4 JSPF 16 holes
3-31-05	4276'-4282'	4 JSPF 24 holes
3-31-05	4228'-4232'	4 JSPF 16 holes



**South Wells Draw 13-3-9-16**  
 633' FSL 835' FWL  
 SW/SW Section 3-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32106; Lease #UTU-77338

# South Wells Draw 14-3-9-16

Spud Date: 2/18/2002  
 Put on Production: 1/27/2005  
 GL: 5615' KB:5627'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (303.12')  
 DEPTH LANDED: 311.12' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150sxs Class "G" cmt, est 4.5 bbl cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 145 jts. (6100.78')  
 DEPTH LANDED: 6098.78' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 350 sxs Prem. Lite II & 450 sxs 50/50 POZ mix  
 CEMENT TOP AT: 664'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55  
 NO. OF JOINTS: 179 jts (5773.90')  
 TUBING ANCHOR: 5785.90'  
 NO. OF JOINTS: 2 jts (61.33')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5850.03'  
 NO. OF JOINTS: 2 jts (65.11')  
 TOTAL STRING LENGTH: EOT @ 5916.69'

**SUCKER RODS**

POLISHED ROD: 1 1/2" x 22'  
 SUCKER RODS: 1-6', 1-2', 1-8' x 3/4" pony rods; 99-3/4" guided rods; 96-3/4" slick rods; 32-3/4" guided rods; 6-1 1/2" weight rods  
 PUMP SIZE: 2 1/2" x 1 1/2" x 16' x 20' RHAC pump w/ SM Plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5 SPM

Cement Top @ 664'

SN @ 5850'

Anchor @ 5786'

5826-5836'

5884-5890'

EOT @ 5917'

5966-5974'

Top of Fill & PBTB @ 6055'

SHOE @ 6099'

TD @ 6130'

**FRAC JOB**

1/21/05	5826'-5974'	<b>Frac CP5, 4, 3 sands as follows:</b> 75,962# 20/40 sand in 604 bbls Lightning 17 frac fluid. Treated @ avg press of 1962 psi w/avg rate of 25.5 BPM. ISIP 1880 psi. Calc flush: 5824 gal. Actual flush: 5863 gal.
1/21/05	5660'-5736'	<b>Frac CP2, 1 sands as follows:</b> 100,304# 20/40 sand in 734 bbls Lightning 17 frac fluid. Treated @ avg press of 1885 psi w/avg rate of 25.4 BPM. ISIP 1930 psi. Calc flush: 5658 gal. Actual flush: 5657 gal.
1/21/05	5080'-5088'	<b>Frac B2 sands as follows:</b> 35,296# 20/40 sand in 349 bbls Lightning 17 frac fluid. Treated @ avg press of 1995 psi w/avg rate of 25.2 BPM. ISIP 1980 psi. Calc flush: 5078 gal. Actual flush: 5077 gal.
1/22/05	4791'-4801'	<b>Frac D1 sands as follows:</b> 26,035# 20/40 sand in 281 bbls Lightning 17 frac fluid. Treated @ avg press of 1890 psi w/avg rate of 14.8 BPM. ISIP 2030 psi. Calc flush: 4789 gal. Actual flush: 4788 gal.
1/22/05	4252'-4306'	<b>Frac GB6 and 4 sands as follows:</b> 63,646# 20/40 sand in 474 bbls lightning Frac 17 fluid. Treated @ avg press of 2271 psi w/avg rate of 25.4 BPM. ISIP 2425 psi. Calc flush: 4250 gal. Actual flush: 4158 gal.
10-29-07		Tubing Leak. Updated rod & tubing details.
1/31/09		Pump Change. Updated r & t details.

**PERFORATION RECORD**

1/18/05	5966-5974'	4 JSPF	32 holes
1/18/05	5884-5890'	4 JSPF	24 holes
1/18/05	5826-5836'	4 JSPF	40 holes
1/21/05	5728-5736'	4 JSPF	32 holes
1/21/05	5660-5678'	4 JSPF	72 holes
1/21/05	5080-5088'	4 JSPF	32 holes
1/21/05	4791-4801'	4 JSPF	40 holes
1/22/05	4296-4306'	4 JSPF	40 holes
1/22/05	4252-4260'	4 JSPF	32 holes

**NEWFIELD**

South Wells Draw 14-3-9-16

846' FSL & 1951' FWL

SWSE Section 3-T9S-R16E

Duchesne Co, Utah

API #43-013-32139; Lease #UTU-77338

# S. Wells Draw B-9-9-16

Spud Date: 12/1/2008  
 Put on Production: 1/13/2009  
 GL: 5789' KB: 5801'

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (317.97')  
 DEPTH LANDED: 329.82' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 1- 160, sxs Class "G" cmt, est 5 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 163 jts (6425.05')  
 DEPTH LANDED: 6437.66'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sx premlite and 400 sx 50/50 poz  
 CEMENT TOP AT: 84'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55  
 NO. OF JOINTS: 174 jts (5434.52')  
 TUBING ANCHOR: 5446.52' KB  
 NO. OF JOINTS: 2 jts (62.38')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5511.70' KB  
 NO. OF JOINTS: 2 jts (60.23')  
 TOTAL STRING LENGTH: EOT @ 5573.48'

**SUCKER RODS**

POLISHED ROD: 1 1/2" x 26' polished rod  
 SUCKER RODS: 2-8" & 1-4" x 7/8" pony rods, 215- 7/8" pony rods, 215- 7/8" guided rods (8 per), 4-1 1/2" weight rods.  
 PUMP SIZE: 2 1/2" x 1 3/4" x 20' x 24' CDI RHAC rod pump  
 STROKE LENGTH: 122"  
 PUMP SPEED, SPM: 4

**FRAC JOB**

**2/6/09 5470-5484' Frac A3 sds as follows:**  
 55,483# 20/40 sand in 505 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2100 psi @ ave rate of 23 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2149 psi. Actual flush: 4964 gals.

**2/6/09 5270-5278' Frac B1 sds as follows:**  
 40,404# 20/40 sand in 416 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2170 psi @ ave rate of 23 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2107 psi. Actual flush: 4763 gals.

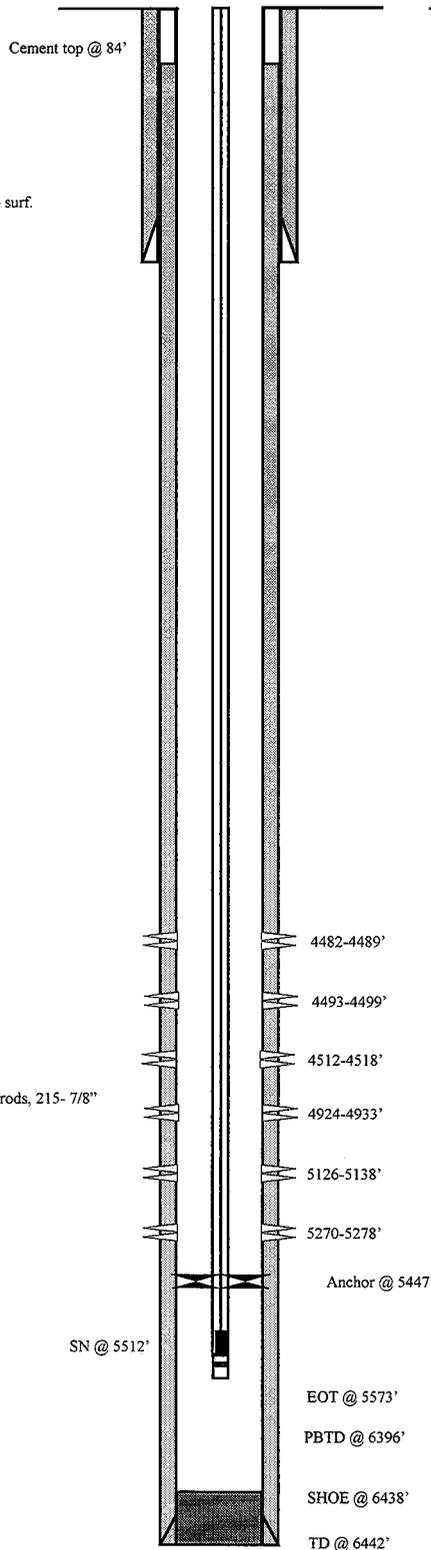
**2/7/09 5126-5138' Frac C sds as follows:**  
 54,911# 20/40 sand in 494 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1997 psi @ ave rate of 23 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2109 psi. Actual flush: 4620 gals.

**2/7/09 4924-4933' Frac DS3 sds as follows:**  
 39,518# 20/40 sand in 404 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2423 psi @ ave rate of 22.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 2667 psi. Actual flush: 4418 gals.

**2/7/09 4482-4518' Frac GB6 sds as follows:**  
 47,623# 20/40 sand in 450 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1826 psi @ ave rate of 23 BPM. ISIP 2667 psi. Actual flush: 4482 gals.

**PERFORATION RECORD**

Date	Interval	Tool	Holes
12/30/08	4482-4489'	4 JSPF	28 holes
12/30/08	4493-4499'	4 JSPF	24 holes
12/30/08	4512-4518'	4 JSPF	24 holes
12/30/08	4924-4933'	4 JSPF	36 holes
12/30/08	5126-5138'	4 JSPF	48 holes
12/30/08	5270-5278'	4 JSPF	32 holes



**NEWFIELD**

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**S. Wells Draw B-9-9-16**

973' FNL & 1946' FEL

NW/NE Section 9-T9S-R16E

Duchesne Co, Utah

API # 43-013-34040 ; Lease # UTU-65207

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

Spud Date: 2-23-07  
 Put on Production: 4-12-07  
 GL: 5700' KB: 5712'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (311.57')  
 DEPTH LANDED: 323.42' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

**PRODUCTION CASING**

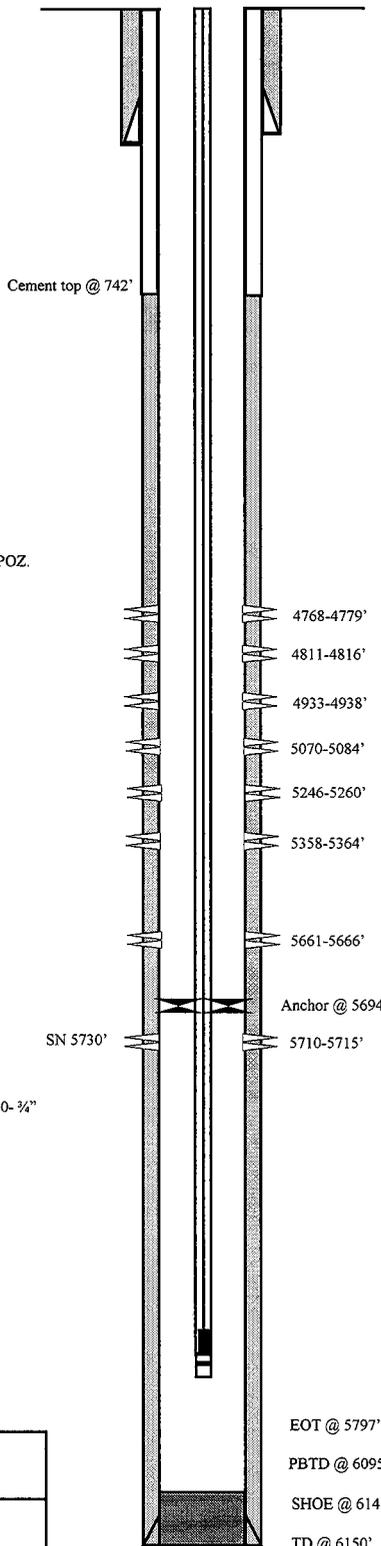
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 140 jts. (6127.43')  
 DEPTH LANDED: 6140.68' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP AT: 742'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 172 jts (5681.73')  
 TUBING ANCHOR: 5693.73' KB  
 NO. OF JOINTS: 1 jts (33.03')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5729.56' KB  
 NO. OF JOINTS: 2 jts (66.11')  
 TOTAL STRING LENGTH: EOT @ 5797.22' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 26' SM  
 SUCKER RODS: 100- 7/8" scraped rods, 102- 3/4" plain rods, 20- 3/4" scraped rods, 6- 1 1/2" Weight rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 19.5' RHAC w/SM plunger  
 STROKE LENGTH: 120"  
 PUMP SPEED, SPM: 6 SPM



**FRAC JOB**

04-04-07	5661-5715'	<b>Frac CP2, CP1 sands as follows:</b> 19982# 20/40 sand in 306 bbls Lightning 17 frac fluid. Treated @ avg press of 2038 psi w/avg rate of 25.1 BPM. ISIP 1763 psi. Calc flush: 5659 gal. Actual flush: 5166 gal.
04-04-07	5358-5364'	<b>Frac LODC sands as follows:</b> 40041# 20/40 sand in 390 bbls Lightning 17 frac fluid. Treated @ avg press of 2962 psi w/avg rate of 25.1 BPM. ISIP 3458 psi. Calc flush: 5356 gal. Actual flush: 4914 gal.
04-04-07	5246-5260'	<b>Frac A3 sands as follows:</b> 34929# 20/40 sand in 638 bbls Lightning 17 frac fluid. Treated @ avg press of 1883 psi w/avg rate of 25.1 BPM. ISIP 2261 psi. Calc flush: 5244 gal. Actual flush: 4788 gal.
04-04-07	5070-5084'	<b>Frac B2 sands as follows:</b> 85291# 20/40 sand in 631 bbls Lightning 17 frac fluid. Treated @ avg press of 1999 w/ avg rate of 25.1 BPM. ISIP 2100 psi. Calc flush: 5068 gal. Actual flush: 4620 gal.
04-04-07	4933-4938'	<b>Frac C sands as follows:</b> 15154# 20/40 sand in 254 bbls Lightning 17 frac fluid. Treated @ avg press of 2940 w/ avg rate of 25.8 BPM. ISIP 3027 psi. Calc flush: 4931 gal. Actual flush: 2354 gal.
04-04-07	4768-5816'	<b>Frac D2, &amp; D1 sands as follows:</b> 89209# 20/40 sand in 653 bbls Lightning 17 frac fluid. Treated @ avg press of 1980 w/ avg rate of 24.6 BPM. ISIP 2207 psi. Calc flush: 4766 gal. Actual flush: 4662 gal.

**PERFORATION RECORD**

03-30-07	5710-5715'	4 JSPF	20 holes
03-30-07	5661-5666'	4 JSPF	20 holes
04-04-07	5358-5364'	4 JSPF	24 holes
04-04-07	5246-5260'	4 JSPF	56 holes
04-04-07	5070-5084'	4 JSPF	56 holes
04-04-07	4933-4938'	4 JSPF	20 holes
04-04-07	4811-4816'	4 JSPF	20 holes
04-04-07	4768-4779'	4 JSPF	44 holes

EOT @ 5797'  
 PBTB @ 6095'  
 SHOE @ 6141'  
 TD @ 6150'

**NEWFIELD**

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**South Wells Draw Federal 1-9-9-16**

654' FNL & 659' FEL

NE/NE Section 9-T9S-R16E

Duchesne Co, Utah

API # 43-013-32151; Lease # UTU-65207

# SO WELLS DRAW FED 2-9-9-16

Spud Date: 01/23/2007  
 Put on Production: 04/04/07  
 GL: 5788' KB: 5800'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (311.69')  
 DEPTH LANDED: 323.54' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est ? bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 139 jts. (6146')  
 DEPTH LANDED: 6159.25' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP: 198'

**TUBING**

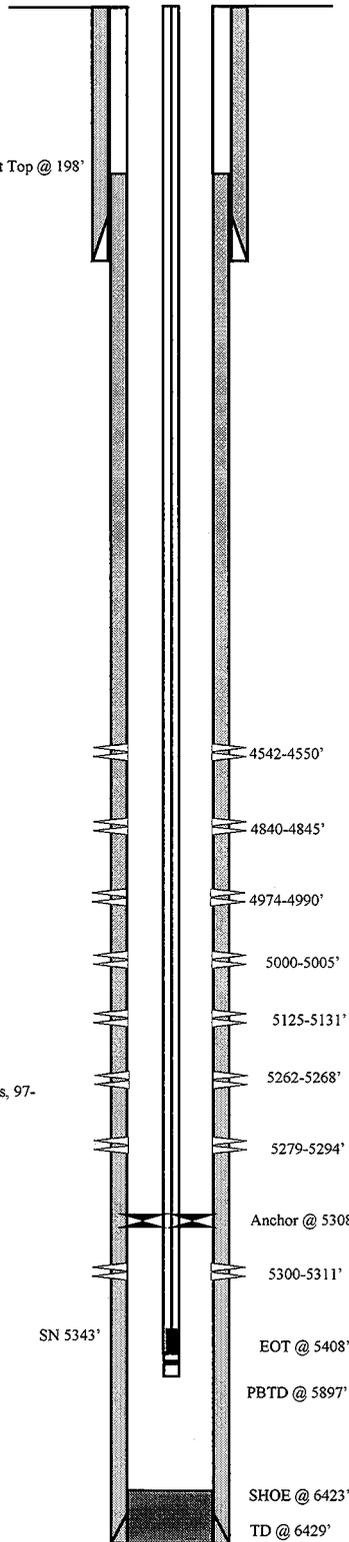
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 167 jts (5296.08')  
 TUBING ANCHOR: 5308.08' KB  
 NO. OF JOINTS: 1 jts (31.68')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5342.56' KB  
 NO. OF JOINTS: 2 jts (63.69')  
 TOTAL STRING LENGTH: EOT @ 5407.80' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 1-2' 1-6', & 1-8' x 3/4" ponies, 99-3/4" scraped rods, 97-3/4" plain rods 10- scraped rods, 6-1/2" weight rods.  
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 14" x RHAC  
 STROKE LENGTH: 86"  
 PUMP SPEED, 4.5 SPM:

**FRAC JOB**

03/28/07	5300-5268'	<b>Frac A3 &amp; A1 sands as follows:</b> 145339# 20/40 sand in 995 bbls Lightning 17 frac fluid. Treated @ avg press of 1734 psi w/avg rate of 25 BPM. ISIP 2166 psi. Calc flush: 5298 gal. Actual flush: 4788 gal.
03/29/07	5125-5131'	<b>Frac B2 sands as follows:</b> 30012# 20/40 sand in 371 bbls Lightning 17 frac fluid. Treated @ avg press of 2040 psi w/avg rate of 25 BPM. ISIP 1717 psi. Calc flush: 5123 gal. Actual flush: 4662 gal.
02/29/07	5000-4990'	<b>Frac C sands as follows:</b> 90319# 20/40 sand in 657 bbls Lightning 17 frac fluid. Treated @ avg press of 1715 psi w/avg rate of 25.1 BPM. ISIP 2000 psi. Calc flush: 4998 gal. Actual flush: 4494 gal.
03/29/07	4840-4845'	<b>Frac D1 sands as follows:</b> 24650# 20/40 sand in 325 bbls Lightning 17 frac fluid. Treated @ avg press of 2370 psi w/avg rate of 24.9 BPM. ISIP 2321 psi. Calc flush: 4838 gal. Actual flush: 4334 gal
03/29/07	4542-4550'	<b>Frac PB10 sands as follows:</b> 36645# 20/40 sand in 347 bbls Lightning 17 frac fluid. Treated @ avg press of 2057 psi w/avg rate of 24.9 BPM. ISIP 2290 psi. Calc flush: 4540 gal. Actual flush: 4452 gal



**PERFORATION RECORD**

03/22/07	5300-5311'	4 JSPF	44 holes
03/22/07	5279-5294'	4 JSPF	60 holes
03/22/07	5262-5268'	4 JSPF	24 holes
03/28/07	5125-5131'	4 JSPF	24 holes
03/29/07	5000-5005'	4 JSPF	20 holes
03/29/07	4974-4990'	4 JSPF	64 holes
03/29/07	4840-4845'	4 JSPF	20 holes
03-29-07	4542-4550'	4 JSPF	32 holes

**NEWFIELD**

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**So Wells Draw Fed. 2-9-9-16**

978' FNL & 1965' FEL

NW/NE Section 9-T9S-R16E

Duchesne Co, Utah

API #43-013-32956; Lease # UTU-65207

FEDERAL 8-9-9-16

Spud Date: 03/04/07  
 Put on Production: 05/11/07  
 GL: 5721' KB: 5733'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (313.01')  
 DEPTH LANDED: 323.91' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 139 jts. (6116.90')  
 DEPTH LANDED: 6130.15' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP: 42'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 177 jts (5842.02')  
 TUBING ANCHOR: 5854.02' KB  
 NO. OF JOINTS: 1 jts (33.00')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5889.82' KB  
 NO. OF JOINTS: 2 jts (65.93')  
 TOTAL STRING LENGTH: EOT @ 5957.30' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 26' SM polished rods  
 SUCKER RODS: 99-7/8" scraped rods, 110-3/4" plain rods, 20-3/4" scraped rods, 6-1 1/2" weight rods.  
 PUMP SIZE: CDI 2-1/2" x 1-3/4" x 19.5 'RHAC  
 STROKE LENGTH: 120"  
 PUMP SPEED, 5 SPM:

**FRAC JOB**

04/12/07 5922-5931' **Frac CP5 sands as follows:**  
 14948# 20/40 sand in 271 bbls Lightning 17 frac fluid. Treated @ avg press of 1920 psi w/avg rate of 25.1 BPM. ISIP 1840 psi. Calc flush: 5920 gal. Actual flush: 5376 gal.

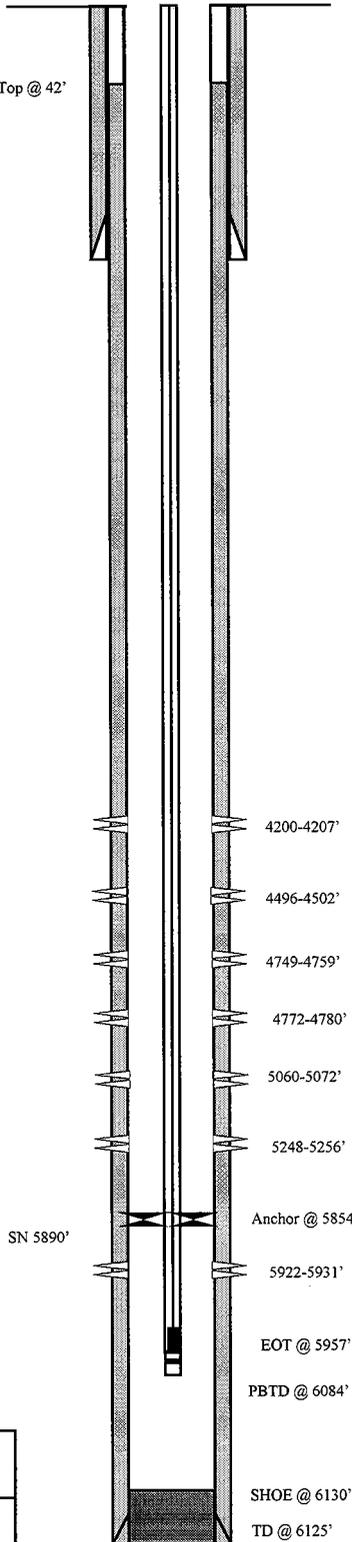
04/12/07 5248-5256' **Frac A3 sands as follows:**  
 40548# 20/40 sand in 382 bbls Lightning 17 frac fluid. Treated @ avg press of 1973 psi w/avg rate of 25.1 BPM. ISIP 2075 psi. Calc flush: 5246 gal. Actual flush: 4742 gal.

04/12/07 5060-5072' **Frac B2 sands as follows:**  
 90627# 20/40 sand in 659 bbls Lightning 17 frac fluid. Treated @ avg press of 2804 psi w/avg rate of 25.4 BPM. ISIP 3544 psi. Calc flush: 5058 gal. Actual flush: 4553 gal.

04/12/07 4772-4780' **Frac D1 sands as follows:**  
 124470# 20/40 sand in 856 bbls Lightning 17 frac fluid. Treated @ avg press of 2033 psi w/avg rate of 25 BPM. ISIP 2150 psi. Calc flush: 4770 gal. Actual flush: 4242 gal.

04/13/07 4496-4502' **Frac PB10 sands as follows:**  
 14785# 20/40 sand in 235 bbls Lightning 17 frac fluid. Treated @ avg press of 2026 psi w/avg rate of 14.6 BPM. ISIP 2160 psi. Calc flush: 4494 gal. Actual flush: 3990 gal.

04/13/07 4200-4207' **Frac GB2 sands as follows:**  
 32559# 20/40 sand in 313 bbls Lightning 17 frac fluid. Treated @ avg press of 2966 psi w/avg rate of 25.1 BPM. ISIP 4000 psi. Calc flush: 4198 gal. Actual flush: 3658 gal.



**PERFORATION RECORD**

Date	Interval	Tool	Holes
04/04/07	5922-5931'	4 JSPF	36 holes
04/12/07	5248-5256'	4 JSPF	32 holes
04/12/07	5060-5072'	4 JSPF	48 holes
04/12/07	4772-4780'	4 JSPF	32 holes
04/12/07	4749-4759'	4 JSPF	40 holes
04/13/07	4496-4502'	4 JSPF	24 holes
04/13/07	4200-4207'	4 JSPF	28 holes

**NEWFIELD**

**FEDERAL 8-9-9-16**

1773' FNL & 666' FEL  
 SE/NE Section 9-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32918; Lease # UTU-65207

# Multi-Chem Group, LLC

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

Attachment F  
1 of 4



## Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**  
Well Name: **S. WELLS DRAW 16-4-9-16**  
Sample Point: **TANK**  
Sample Date: **5 /27/2009**  
Sales Rep: **Randy Huber**  
Lab Tech: **Peter Poulsen**

Sample ID: **WA-26390**

Sample Specifics	
Test Date:	6/2/2009
Temperature (°F):	160
Sample Pressure (psig):	0
Specific Gravity (g/cm³):	1.0032
pH:	8.5
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	11154
Molar Conductivity (µS/cm):	16900
Resitivity (Mohm):	0.5917

Analysis @ Properties in Sample Specifics			
Cations	mg/L	Anions	mg/L
Calcium (Ca):	60.00	Chloride (Cl):	5000.00
Magnesium (Mg):	12.20	Sulfate (SO <sub>4</sub> ):	93.00
Barium (Ba):	29.00	Dissolved CO <sub>2</sub> :	0.01
Strontium (Sr):	-	Bicarbonate (HCO <sub>3</sub> ):	2025.00
Sodium (Na):	3930.00	Carbonate (CO <sub>3</sub> ):	-
Potassium (K):	-	H <sub>2</sub> S:	0.01
Iron (Fe):	4.53	Phosphate (PO <sub>4</sub> ):	-
Manganese (Mn):	0.11	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										
Temp °F	Gauge Press. psi	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>
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
160	0	47.33	77.40	0.00	-1852.20	0.00	-1675.60	-	-	21.08	46.21	0.14
80	0	27.78	82.63	0.00	21.44	0.00	-2648.60	-	-	98.00	48.62	0.08
100	0	34.65	87.92	0.00	22.89	0.00	-2490.10	-	-	64.58	48.28	0.09
120	0	40.21	85.58	0.00	22.57	0.00	-2253.20	-	-	43.56	47.79	0.10
140	0	44.55	81.21	0.00	21.39	0.00	-1972.00	-	-	30.02	47.12	0.11
160	0	47.33	77.40	0.00	19.93	0.00	-1675.60	-	-	21.08	46.21	0.13
180	0	48.45	75.03	0.00	18.49	0.01	-1386.70	-	-	15.04	45.00	0.14
200	0	48.01	74.09	0.01	17.23	0.01	-1120.30	-	-	10.88	43.41	0.14
220	2.51	45.95	74.22	0.01	16.21	0.01	-895.28	-	-	7.80	41.19	0.14
240	10.3	43.15	72.64	0.01	15.18	0.02	-692.22	-	-	5.74	38.45	0.14
260	20.76	39.65	66.66	0.01	14.09	0.03	-522.15	-	-	4.25	34.96	0.14
280	34.54	35.75	57.57	0.01	12.78	0.05	-382.56	-	-	3.17	30.57	0.14
300	52.34	31.65	48.47	0.01	11.22	0.09	-269.90	-	-	2.37	25.09	0.14

### 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:

Attachment F

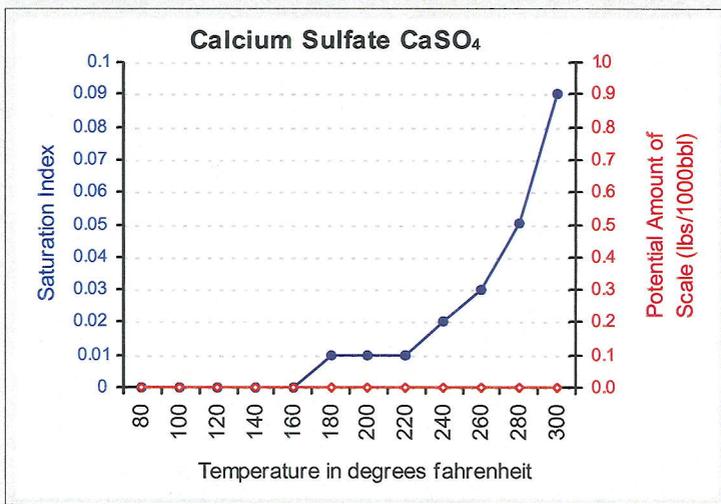
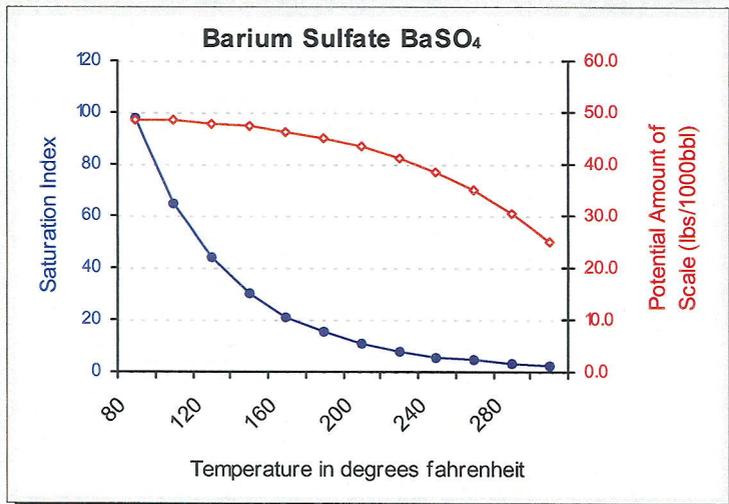
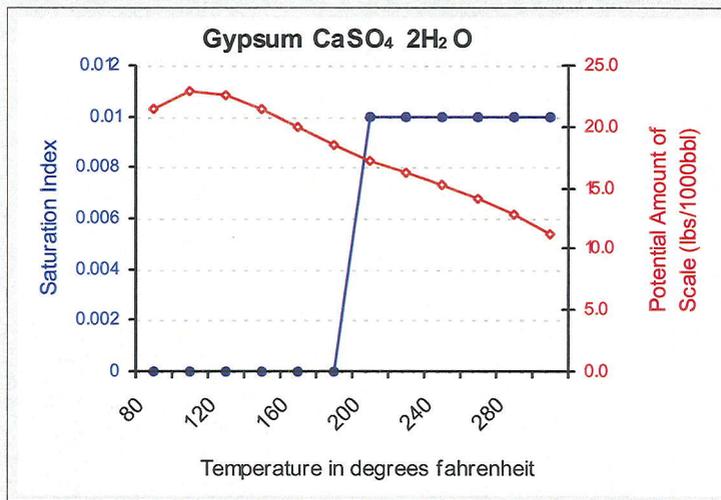
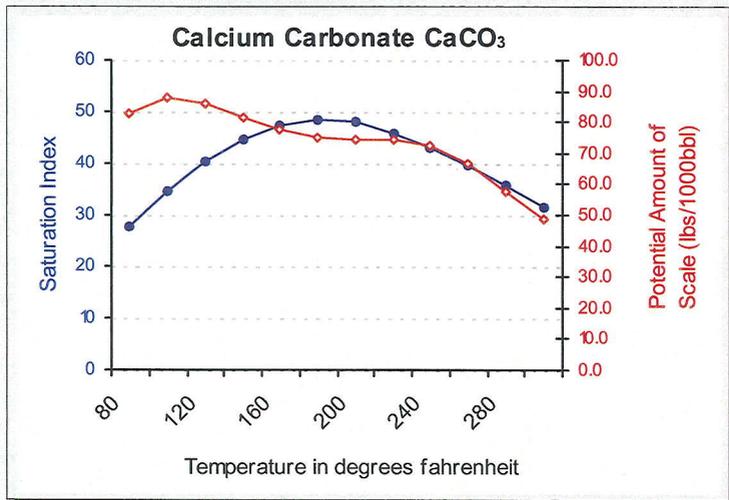
2 of 4



**Scale Prediction Graphs**

Well Name: **S. WELLS DRAW 16-4-9-16**

Sample ID: **WA-26390**



**Multi-Chem Group, LLC**

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

Attachment F

3 of 4

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**Water Analysis Report**

Production Company: **NEWFIELD PRODUCTION**  
 Well Name: **South Wells Draw Injection**  
 Sample Point: **Triplex**  
 Sample Date: **1 /6 /2009**  
 Sales Rep: **Randy Huber**  
 Lab Tech: **Mike Chapman**

Sample ID: **WA-19460**

Sample Specifics	
Test Date:	1/6/2009
Temperature (°F):	80
Sample Pressure (psig):	0
Specific Gravity (g/cm³):	1.0040
pH:	7.8
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	11267
Molar Conductivity (µS/cm):	17072
Resitivity (Mohm):	0.5858

Analysis @ Properties in Sample Specifics			
Cations	mg/L	Anions	mg/L
Calcium (Ca):	120.00	Chloride (Cl):	5000.00
Magnesium (Mg):	-	Sulfate (SO <sub>4</sub> ):	883.00
Barium (Ba):	2.00	Dissolved CO <sub>2</sub> :	-
Strontium (Sr):	-	Bicarbonate (HCO <sub>3</sub> ):	1268.00
Sodium (Na):	3984.00	Carbonate (CO <sub>3</sub> ):	-
Potassium (K):	-	H <sub>2</sub> S:	5.00
Iron (Fe):	5.00	Phosphate (PO <sub>4</sub> ):	-
Manganese (Mn):	0.20	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										
Temp °F	Gauge Press. psi	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> psi
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	
80	0	7.68	11.44	0.07	-1768.30	0.04	-2159.10	-	-	60.49	3.34	0.51
80	0	7.68	11.44	0.07	-18.87	0.04	-2159.10	-	-	60.49	3.34	0.25
100	0	10.30	14.37	0.06	-14.52	0.05	-2006.40	-	-	39.82	3.31	0.31
120	0	12.92	16.99	0.07	-11.21	0.05	-1776.80	-	-	26.81	3.27	0.34
140	0	15.59	19.57	0.08	-8.65	0.06	-1505.00	-	-	18.42	3.21	0.38
160	0	18.12	21.96	0.08	-6.72	0.08	-1220.50	-	-	12.88	3.13	0.43
180	0	20.31	23.94	0.09	-5.30	0.11	-945.48	-	-	9.15	3.03	0.47
200	0	22.00	25.30	0.09	-4.28	0.15	-694.75	-	-	6.59	2.88	0.47
220	2.51	22.94	26.11	0.10	-3.62	0.21	-485.68	-	-	4.71	2.67	0.48
240	10.3	23.35	25.84	0.10	-3.15	0.32	-301.50	-	-	3.46	2.41	0.49
260	20.76	23.17	24.77	0.11	-2.85	0.51	-152.40	-	-	2.56	2.07	0.49
280	34.54	22.44	23.08	0.12	-2.68	0.83	-35.67	-	-	1.91	1.62	0.50
300	52.34	21.29	21.01	0.12	-2.60	1.39	52.94	-	-	1.43	1.03	0.51

**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 scale is indicated. See graph for appropriate temperature ranges.  
 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 Laboratory  
1553 East Highway 40  
Vernal, UT 84078

Attachment F

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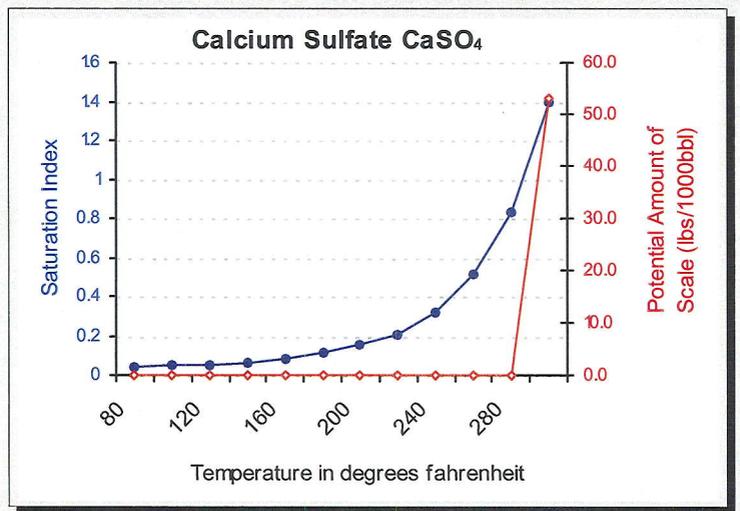
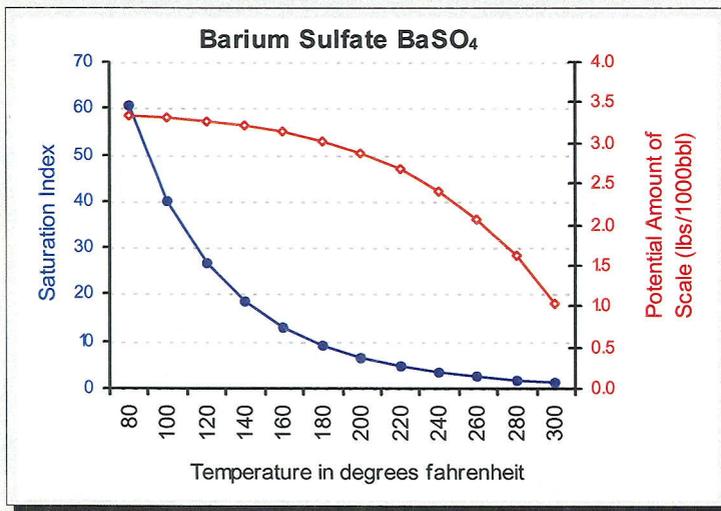
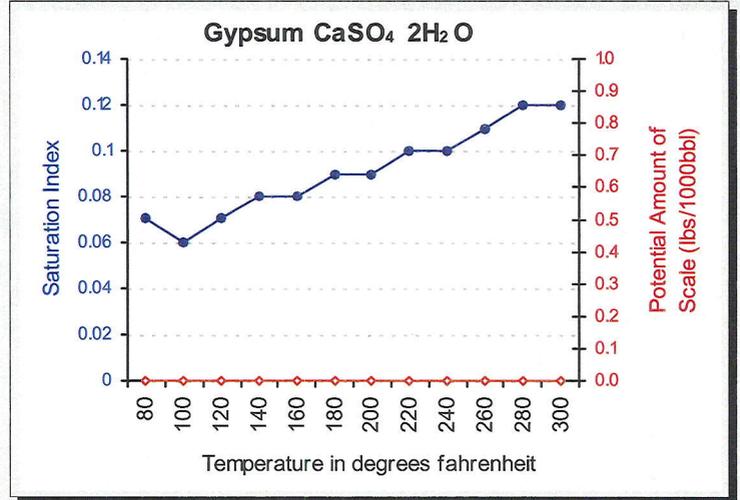
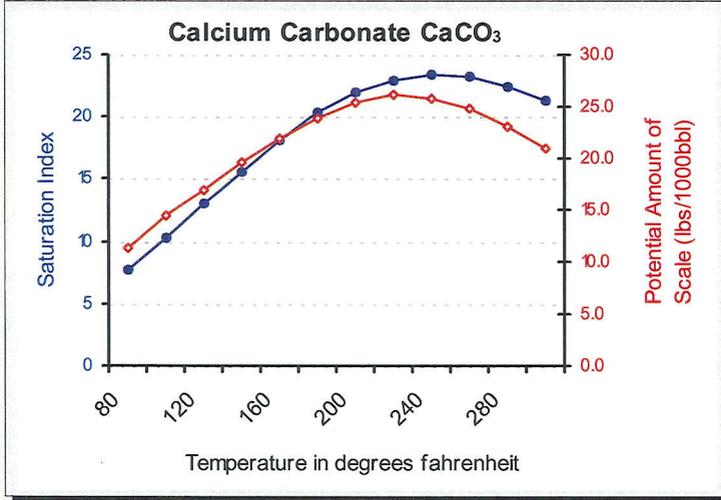
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## Scale Prediction Graphs

Well Name: **South Wells Draw Injection**

Sample ID: **WA-19460**



**Attachment "G"**

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

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5170	5180	5175	4100	1.23	4066
4995	5023	5009	4100	1.25	4068
4862	4881	4872	3400	1.13	3368 ←
				<b>Minimum</b>	<u><u>3368</u></u>

Calculation of Maximum Surface Injection Pressure  

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

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

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



Attachment G-1  
1 of 10

### DAILY COMPLETION REPORT

WELL NAME: SWD 16-4-9-16

Report Date: 11/4/99

Completion Day: 01

Present Operation: PU tbg, test csg & TOH

Rig: LES #698

#### WELL STATUS

Surf Csg: 8 5/8 @ 323' KB Prod 5 1/2 17# @ 22663' & 15.5# 5 1/2' @ 5824' Csg PBTD: \_\_\_\_\_  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: M-50 Pkr/EOT 3975' BP/Sand PBTD: \_\_\_\_\_

#### PERFORATION RECORD

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

#### CHRONOLOGICAL OPERATIONS

Date Work Performed: 03-Nov-99

SITP: 0

SICP: 0

MIRU LES #698. RU 5M frac head. NU 5M BOP's. Talley, drift, PU & RIH W/ 4 3/4" bit, 5 1/2" csg scraper & 132 jts 2 7/8 8rd 6.5# M-50 tbg to 3975'. Having difficulties drifting tbg (oil coated ID) & cleaning boxes & pins. SIFN.

#### FLUID RECOVERY (BBLs)

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

#### STIMULATION DETAIL

Base Fluid used: \_\_\_\_\_ Job Type: \_\_\_\_\_

Company: \_\_\_\_\_

Procedure or Equipment detail:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

#### COSTS

LES rig	\$1,500
Water	\$300
Trucking	\$1,500
Rst. Labor	\$300
BOP	\$100
CBL	\$1,500
Tbg ("B" grade)	\$12,000
Treat-O-clay	\$100
Loc. Cleanup	\$300
Tbg head	\$1,500
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: \$19,300

TOTAL WELL COST: \$19,300



Attachment G-1  
2 of 10

### DAILY COMPLETION REPORT

WELL NAME: SWD 16-4-9-16

Report Date: 11/5/99

Completion Day: 02

Present Operation: Perf & frac zones

Rig: LES #698

#### WELL STATUS

Surf Csg: 8 5/8 @ 323' KB Prod 5 1/2 17# @ 22663' & 15.5# 5 1/2' @ 5824' Csg PBDT: 5767'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: M-50 Pkr/EOT: 0 BP/Sand PBDT: 5767'

#### PERFORATION RECORD

Zone	Perfs	SPF#shots	Zone	Perfs	SPF#shots

#### CHRONOLOGICAL OPERATIONS

Date Work Performed: 04-Nov-99

SITP: 0 SICP: 0

Con't talley, drift, PU & RIH W/ tbg, scraper & bit f/ 3975'. PU 186 jts total. Tag PBDT @ 5767'. Press test csg, BOP's & frac head to 1800 psi for 15 minutes ( rig pump clutch slipping & unable to test higher pressure). TOH W/ tbg. LD bit & scraper. Prepare flowback line for AM. SIFN.

#### FLUID RECOVERY (BBLs)

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

#### STIMULATION DETAIL

Base Fluid used: \_\_\_\_\_ Job Type: \_\_\_\_\_

Company: \_\_\_\_\_

Procedure or Equipment detail:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

#### COSTS

LES rig \$1,200  
BOP \$130  
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: \$1,430

TOTAL WELL COST: \$20,730



Attachment G-1

3 of 10

### DAILY COMPLETION REPORT

WELL NAME: SWD 16-4-9-16

Report Date: 11/6/99

Completion Day: 3(a)

Present Operation: Perf & frac zones

Rig: LES #698

#### WELL STATUS

Surf Csg: 8 5/8 @ 323' KB Prod 5 1/2 17# @ 22663' & 15.5# 5 1/2' @ 5824' Csg PBTD: 5767'  
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: M-50 Pkr/EOT 0 BP/Sand PBTD: 5767'

#### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			B-2 sds	5170-5180'	4/40

#### CHRONOLOGICAL OPERATIONS

Date Work Performed: 05-Nov-99 SITP: 0 SICP: 0

RU BJ Services "ram head" to BOP. RU Weatherford W.L.T. & perf B-2 sds @ 5170-5180' W/ 4 JSPF. ~~RU BJ to frac B-2 sds w/ 49,263# 20/40 sand in 276 bbls of Viking I-25 fluid.~~ Perfs broke dn @ 2443 psi. Treated @ ave rate of 28 BPM W/ ave press of 2100 psi. Screened out W/ 7# sd on perfs. Est 14,000# sd in formation & 35,263# sd left in csg. Bleed well off--flowed back est 5 BTF. TIH W/ NC & tbg. Stage out frac fluids to 5330'. TOI TOH W/ tbg & NC.

See day 3(b).

#### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 0 Starting oil rec to date: 0  
 Fluid lost/recovered today: 380 Oil lost/recovered today: 0  
 Ending fluid to be recovered: 380 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:  
3000 gal of pad  
1000 gal W/ 1-6 ppg of 20/40 sand  
7686 gal W/ 6-8 ppg of 20/40 sand

#### COSTS

LES rig	\$840
BOP	\$130
Weatherford W.L.T.	\$970
BJ Services	\$18,418
IPC Supervision	\$100

Max TP: 4400 Max Rate: 28 BPM Total fluid pmpd: 278 bbls

Avg TP: 2100 Avg Rate: 28 BPM Total Prop pmpd: 49,263

ISIP: 4100 5 min: 4000 10 min: \_\_\_\_\_ 15 min: \_\_\_\_\_

Completion Supervisor: Gary Dietz

DAILY COST: \$20,458

TOTAL WELL COST: \$41,188



Attachment G-1  
4 of 10

### DAILY COMPLETION REPORT

WELL NAME: SWD 16-4-9-16 Report Date: 11/6/99 Completion Day: 3(b)  
Present Operation: Perf & frac zones Rig: LES #698

#### WELL STATUS

Surf Csg: 8 5/8 @ 323' KB Prod 5 1/2 17# @ 22663' & 15.5# 5 1/2' @ 5824' Csg PBTD: 5767'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: M-50 Pkr/EOT: 0 BP/Sand PBTD: 5120'

#### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			C sds	<u>5004-5016'</u>	<u>4/48</u>
			C sds	<u>5021-5023'</u>	<u>4/8</u>
			B-2 sds	<u>5170-5180'</u>	<u>4/40</u>
C sds	<u>4995-4997'</u>	<u>4/8</u>			
C sds	<u>4999-5002'</u>	<u>4/12</u>			

#### CHRONOLOGICAL OPERATIONS

Date Work Performed: 05-Nov-99 SITP: 0 SICP: 0  
RU BJ Services "ram head". RU Weatherford W.L.T. & run Arrow 5 1/2" "HE" RBP. Set plug @ 5120'. Perf C sds @ 4995-4997', 4999-5002', 5004-5016' & 5021-5023' W/ 4 JSPF. ~~Perfs broke dn @ 2249 psi. Treated @ ave press of 2500 psi W/ ave rate of 30 BPM. Screened out W/ 9.3# sd on perfs 3108 gals into flush (1806 gal short). Est. 91,822# sand in formation & left 12,000# sand in csg. RD Weatherford & BJ. Begin flowing well back @ 1.5 BPM. Recovered 81 BTF in 1 1/2 hrs. SWIFN W/ est 787 BWTR.~~

#### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 380 Starting oil rec to date: 0  
Fluid lost/recovered today: 407 Oil lost/recovered today: 0  
Ending fluid to be recovered: 787 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:  
3000 gal of pad  
1000 gal W/ 1-6 ppg of 20/40 sand  
9000 gal W/ 6-8 ppg of 20/40 sand  
4406 gal W/ 8-10 ppg of 20/40 sand  
Flush W/ 3108 gal of slick water (1806 gal short)

#### COSTS

LES rig \$840  
BOP \$130  
Weatherford W.L.T. \$2,010  
BJ Services \$11,449  
IPC Supervision \$200

Max TP: 4500 Max Rate: 33 BPM Total fluid pmpd: 488 bbls  
Avg TP: 2500 Avg Rate: 30 BPM Total Prop pmpd: 103,822  
ISIP: 4100 5 min: 2621 10 min: \_\_\_\_\_ 15 min: \_\_\_\_\_  
Completion Supervisor: Gary Dietz

DAILY COST: \$14,629  
TOTAL WELL COST: \$55,817



Attachment G-1  
5 of 10

### DAILY COMPLETION REPORT

WELL NAME: SWD 16-4-9-16

Report Date: 11/7/99

Completion Day: 4

Present Operation: Pull plugs/ c/o PBSD

Rig: LES #698

#### WELL STATUS

Surf Csg: 8 5/8 @ 323' KB Prod 5 1/2 17# @ 22663' & 15.5# 5 1/2' @ 5824' Csg PBSD: 5767'  
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: M-50 Pkr/EOT: 0 BP/Sand PBSD: 4910'

#### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D sds	<u>4862-4869'</u>	<u>4/28</u>	C sds	<u>5021-5023'</u>	<u>4/8</u>
D sds	<u>4875-4881'</u>	<u>4/24</u>	B-2 sds	<u>5170-5180'</u>	<u>4/40</u>
C sds	<u>4995-4997'</u>	<u>4/8</u>			
C sds	<u>4999-5002'</u>	<u>4/12</u>			
C sds	<u>5004-5016'</u>	<u>4/48</u>			

#### CHRONOLOGICAL OPERATIONS

Date Work Performed: 06-Nov-99

SITP: \_\_\_\_\_ SICP: 0

TIH W/ NC & tbg. Tag sd @ 4274'. RU circ. Equip. C/O sd to 4956'. Circ hole clean. Lost no fluid. RD circ. Equip.  
 TOH W/ tbg & NC. RU BJ Services "ram head". RU Weatherford W.L.T. & Run Arrowset "HE" RBP & 4" perf gun.  
 Set plug @ 4910. Perf D-1 sds @ 4862-4869' & 4875-4881' W/ 4 JSPF. ~~RU BJ Services "ram head".~~  
~~SD in 485 bbls Viking I-25 fluid.~~ Perfs broke dn @ 3118 psi. Treated @ ave press of 2100 psi W/ ave rate of 31  
 BPM. ISIP-3400 psi, 5 min.-2970 psi. RD BJ. Begin flowing well back through 12/64" choke @ 1 BPM. Est. 1272  
 BWTR.

#### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 787 Starting oil rec to date: 0  
 Fluid lost/recovered today: 485 Oil lost/recovered today: 0  
 Ending fluid to be recovered: 1272 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:

<u>3000 gal of pad</u>	
<u>1000 gal W/ 1-6 ppg of</u>	<u>20/40 sand</u>
<u>8000 gal W/ 6-8 ppg of</u>	<u>20/40 sand</u>
<u>3599 gal W/ 8-10 ppg of</u>	<u>20/40 sand</u>
<u>Flush W/ 4746 gal of slick</u>	<u>water</u>

#### COSTS

<u>LES rig</u>	<u>\$1,500</u>
<u>BOP</u>	<u>\$130</u>
<u>Weatherford W.L.T.</u>	<u>\$1,660</u>
<u>BJ Services</u>	<u>\$16,788</u>
<u>2-5 1/2 "HE" RBP's</u>	<u>\$1,200</u>
<u>Tanks (4 @ \$10/day)</u>	<u>\$160</u>
<u>IPC Supervision</u>	<u>\$200</u>

Max TP: 3680 Max Rate: 32 BPM Total fluid pmpd: 485 BBLS

Avg TP: 2100 Avg Rate: 31 BPM Total Prop pmpd: 89,623#

ISIP: 3400 5 min: 2970 10 min: \_\_\_\_\_ 15 min: \_\_\_\_\_

Completion Supervisor: Gary Dietz

DAILY COST: \$21,638

TOTAL WELL COST: \$77,455





Attachment G-1

7 of 10

### DAILY COMPLETION REPORT

WELL NAME: SWD 16-4-9-16 Report Date: 11/10/99 Completion Day: 6  
 Present Operation: SWABBING Rig: LES #698

#### WELL STATUS

Surf Csg: 8 5/8 @ 323' KB Prod 5 1/2 17# @ 22663' & 15.5# 5 1/2' @ 5824' Csg PBTD: 5767'  
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: M-50 Pkr/EOT: 4805' PBTD: 5767'

#### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D sds	<u>4862-4869'</u>	<u>4/28</u>	C sds	<u>5021-5023'</u>	<u>4/8</u>
D sds	<u>4875-4881'</u>	<u>4/24</u>	B-2 sds	<u>5170-5180'</u>	<u>4/40</u>
C sds	<u>4995-4997'</u>	<u>4/8</u>			
C sds	<u>4999-5002'</u>	<u>4/12</u>			
C sds	<u>5004-5016'</u>	<u>4/48</u>			

#### CHRONOLOGICAL OPERATIONS

Date Work Performed: 09-Nov-99 SITP: 0 SICP: 20psi

CONTINUE TIH W/ NC TAG SAND @ 5575' (177JT's) RIG UP CIRCULATING EQUIPMENT AND CLEAN OUT TO 5767'. CIRCULATE CLEAN AND TOH W/ 30 JT's. EOT @ 4805' 156 JT's. RIG UP SWAB EQUIPMENT START SWABBING TO FLAT TANK. FLUID LEVEL AT START WAS SURFACE. LIGHT SAND FIRST 9 RUNS. OIL TRACE @ 10th RUN. ESTIMATED 80 BBLS BACK. TOTAL 16 RUNS 128 BBLS RECOVERED FINAL FLUID LEVEL WAS 1000' AVERAGE FLUID LEVEL WAS 850' FINAL OIL CUT WAS 15 % SWIFN

#### FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 1146 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 128 Oil lost/recovered today: 5  
 Ending fluid to be recovered: 1018 Cum oil recovered: 5  
 IFL: SURFACE FFL: 1000' FTP: 0 Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: 15%

#### STIMULATION DETAIL

Base Fluid used: \_\_\_\_\_ Job Type: Sand frac  
 Company: BJ Services  
 Procedure or Equipment detail: \_\_\_\_\_

#### COSTS

LES rig \$1,452  
BOP \$130  
IPC Supervision \$200

Max TP: 3680 Max Rate: 32 BPM Total fluid pmpd: 485 BBLS  
 Avg TP: 2100 Avg Rate: 31 BPM Total Prop pmpd: 89,623#  
 ISIP: 3400 5 min: 2970 10 min: \_\_\_\_\_ 15 min: \_\_\_\_\_

Completion Supervisor: PAT WISENER

DAILY COST: \$1,782  
 TOTAL WELL COST: \$81,547





Attachment G-1  
9 of 10

### DAILY COMPLETION REPORT

WELL NAME: SWD 16-4-9-16

Report Date: 11/12/99

Completion Day: 8

Present Operation: Finish PU rods/place well on production

Rig: LES #698

#### WELL STATUS

Surf Csg: 8 5/8 @ 323' KB Production csg: 5 1/2 17# @ 2663'; 5 1/2 15.5# @ 5824' Csg PBTD: 5767'  
 Tbg: Size: 2 7/8 Wt: 6.5# Grd: M-50 Pkr/EOT 5313' BP/Sand PBTD: 5767'

#### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D-1 sds	4862-4869'	4/28	C sds	5021-5023'	4/8
D-1 sds	4875-4881'	4/24	B-0.5 sds	5092-5096'	4/16
C sds	4995-4997'	4/8	B-2 sds	5170-5180'	4/40
C sds	4999-5002'	4/12			
C sds	5004-5016'	4/48			

#### CHRONOLOGICAL OPERATIONS

Date Work Performed: 11-Nov-99

SITP: 0

SICP: 10

Flush tbg W/ 30 bbls hot wtr. Ru swab equip. IFL @ 400'. Made 8 runs rec. 58 BTF W/ trace oil & no sand. Light gas after runs. FFL maintaining 800'. Pump 10 BW dn tbg to stifle gas. PU & TIH W/ pump & rod string to 3000'. Clean pins & cplgs as RIH & changing worn cplgs on needy rods. SIFN W/ est 1050 BWTR.

#### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1068  
 Fluid lost/recovered today: 18  
 Ending fluid to be recovered: 1050  
 IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_

Starting oil rec to date: 35  
 Oil lost/recovered today: 0  
 Cum oil recovered: 35  
 Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

#### COSTS

##### Production tbg detail:

KB 10.00'  
163 2 7/8 M-50 tbg (5049.11')  
TA (2.80' @ 5059.11' KB)  
7 2 7/8 M-50 tbg (219.47')  
SN (1.10' @ 5281.38' KB)  
1 2 7/8 M-50 tbg (30.13')  
2 7/8 NC (.45')  
 EOT 5313.06' W/ 10' KB

LES rig \$1,518  
 Water \$200  
 Rod pump \$900  
 Drlg cost adjustment \$12,782  
 IPC Supervision \$200

DAILY COST: \$15,600

Completion Supervisor: Gary Dietz

TOTAL WELL COST: \$230,317



Attachment G-1  
10 of 10

DAILY COMPLETION REPORT

WELL NAME: SWD 16-4-9-16

Report Date: 11/13/99

Completion Day: 9

Present Operation: Well on production

Rig: LES #698

WELL STATUS

Surf Csg: 8 5/8 @ 323' KB Production csg: 5 1/2 17# @ 2663'; 5 1/2 15.5# @ 5824' Csg PBTD: 5767'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: M-50 Pkr/EOT 5313' BP/Sand PBTD: 5767'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D-1 sds	4862-4869'	4/28	C sds	5021-5023'	4/8
D-1 sds	4875-4881'	4/24	B-0.5 sds	5092-5096'	4/16
C sds	4995-4997'	4/8	B-2 sds	5170-5180'	4/40
C sds	4999-5002'	4/12			
C sds	5004-5016'	4/48			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12-Nov-99

SITP: 50

SICP: 100

Bleed gas off tbg. Con't PU & RIH W/ rod string f/ 3000'. Complete detail as follows; Randy's rebuilt 2 1/2" X 1 1/2" X 16' RHAC pump, 4-1 1/2" weight rods, 10-3/4" scraped rods, 106-3/4" plain rods, 90-3/4" scraped rods, 1-6' X 3/4" pony rod, 1 1/2" X 22' polished rod. Seat pump. Fill tbg W/ 6 BW. Press test pump & tbg to 300 psi. Stroke pump up W/ rig to 800 psi. Good pump action. RU pumping unit. RD MOSU. Place well on production @ 11:00 AM 11/12/99 W/ 48" SL @ 6 SPM. Estimated 1088 BWTR f/ completion (adjusted).

FINAL REPORT!!!

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1082 Starting oil rec to date: 35  
Fluid lost/recovered today: 6 Oil lost/recovered today: 0  
Ending fluid to be recovered: 1088 Cum oil recovered: 67 bbls transferred  
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

COSTS

		COSTS	
		LES rig	\$489
		"B" rod string	\$5,718
		Rod cplgs	\$337
		HO trk	\$348
		Sfc equipment	\$77,064
		Pit reclaim	\$1,000
		Loc. Cleanup	\$300
		Trucking	\$300
		Swab tank (9 days)	\$90
		IPC Supervision	\$200
		DAILY COST:	\$85,846
		TOTAL WELL COST:	\$316,163
Production tbg detail:	Rod Detail:		
KB 10.00'	1 1/2" X 22' polished rod		
163 2 7/8 M-50 tbg (5049.11')	1-6' X 3/4" pony rod		
TA (2.80' @ 5059.11' KB)	90-3/4" scraped rods		
7 2 7/8 M-50 tbg (219.47')	106-3/4" plain rods		
SN (1.10' @ 5281.38' KB)	10-3/4" scraped rods		
1 2 7/8 M-50 tbg (30.13')	4-1 1/2" weight rods		
2 7/8 NC (.45')	Randy's 2 1/2" X 1 1/2" X16'		
EOT 5313.06' W/ 10' KB	RHAC pump W/ SM plunger		
TBG & RODS--"B" grade f/ inventory	PUMP & TA f/ MF 12-25-8-17		
Completion Supervisor: Gary Dietz			

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4812'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 192' balance plug using 22 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below 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. Plug #4 Pump 44 sx Class "G" Cement down 5-1/2" casing to 376'

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

Spud Date: 10/19/99  
 Put on Production: 11/12/99  
 GL: 5733' KB: 5743'

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

Initial Production: 73 BOPD,  
 102 MCFD, 2 BWPD

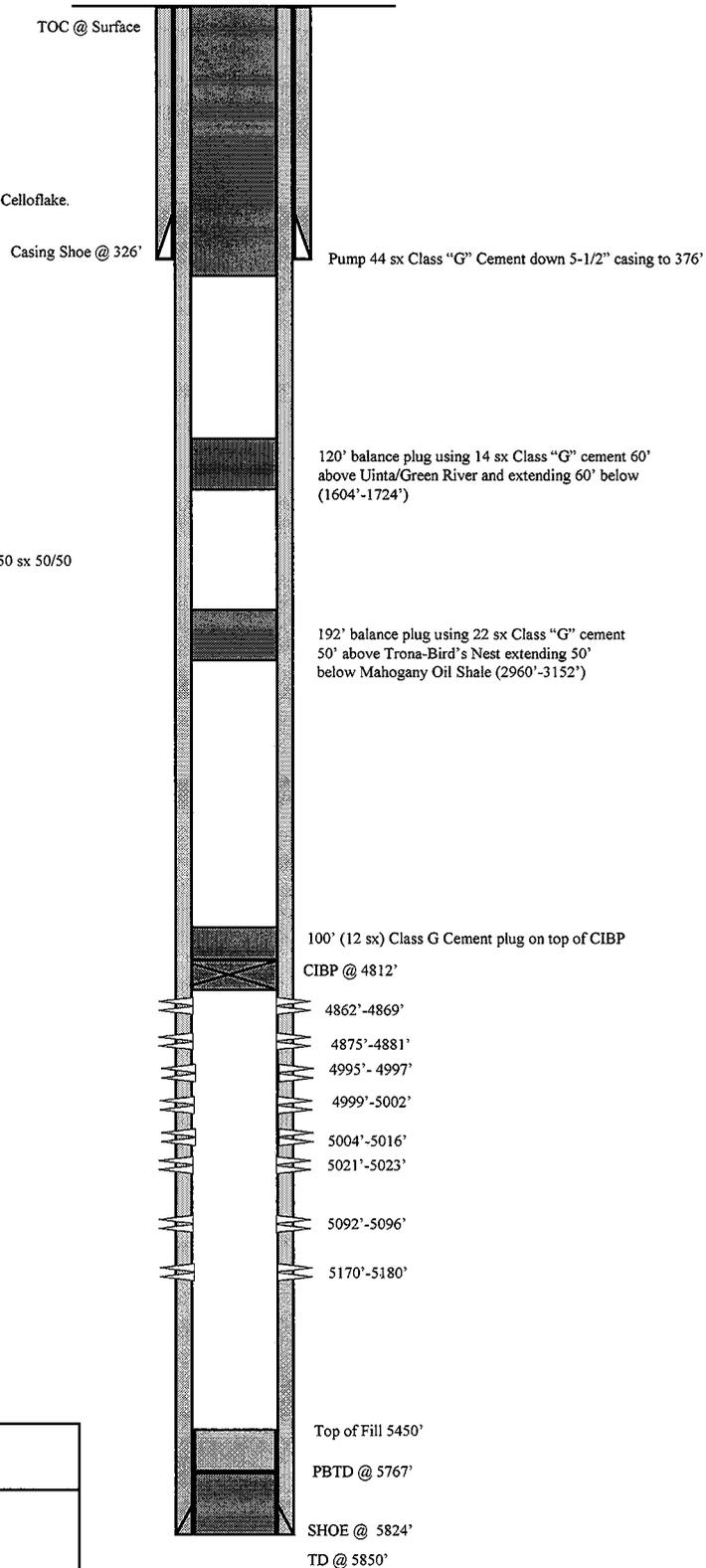
### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts (316.24')  
 DEPTH LANDED: 326.24'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 141 sx Class "G" w/2% CC and 1/4#/sk Celloflake.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55 and N-80  
 WEIGHT: 15.5#  
 LENGTH: 138 jts (5825.97')  
 DEPTH LANDED: 5823.67'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 270 sx Premium Lite II Modified; and 350 sx 50/50  
 Poz w/3% KCl, 1/4#/sk cello-flake, 2% gel, .3% SM.  
 CEMENT TOP: Surface

### Proposed P & A Wellbore Diagram



**NEWFIELD**

---

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

751' FSL & 713' FEL  
 SESE Section 4-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32110; Lease #UTU-77338

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**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.

**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)  
                   751 FSL 713 FEL  
                   SESE Section 4 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  
                   S WELLS DRAW UNIT

8. Well Name and No.  
                   S WELLS DRAW 16-4-9-16

9. API Well No.  
                   4301332110

10. Field and Pool, or Exploratory Area  
                   MONUMENT BUTTE

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 a producing oil well to an injection well.

I hereby certify that the foregoing is true and correct (Printed/ Typed) <b>Eric Sundberg</b>	Title Regulatory Analyst
Signature 	Date 06/03/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

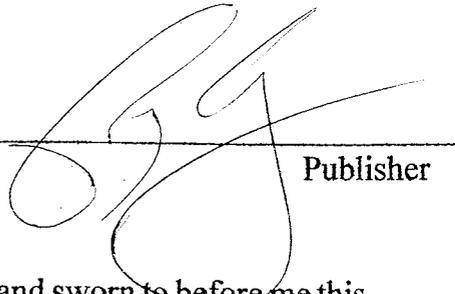
Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

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

# AFFIDAVIT OF PUBLICATION

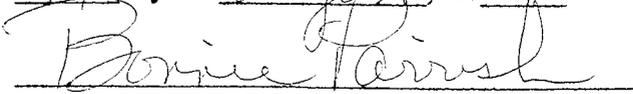
County of Duchesne,  
STATE OF UTAH

I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 18 day of August, 20 09, and that the last publication of such notice was in the issue of such newspaper dated the 18 day of August, 20 09.

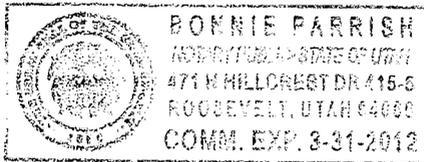


Publisher

Subscribed and sworn to before me this  
19 day of August, 20 09



Notary Public



COPY

## NOTICE OF AGENCY ACTION CAUSE NO. UIC-353

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

STATE OF UTAH IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 25, TOWNSHIP 8 SOUTH, RANGE 16 EAST, SECTIONS 4, 7, 8, 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:

- Monument Butte NE Unit: Monument Butte Federal 8-25-8-16 well located in SW/4 NE/4, Section 25, Township 8 South, Range 16 East
- Monument Butte Federal 12-25-8-16 well located in NW/4 SW/4, Section 25, Township 8 South, Range 16 East
- Monument Butte Federal 14-25-8-16 well located in SE/4 SW/4, Section 25, Township 8 South, Range 16 East
- South Wells Draw Unit: South Wells Draw 10-4-9-16 well located in NW/4 SE/4, Section 4, Township 9 South, Range 16 East
- South Wells Draw 16-4-9-16 well located in SE/4 SE/4, Section 4, Township 9 South, Range 16 East

West Point Unit: Nine Mile 16-7-9-16 well located in SE/4 SE/4, Section 7, Township 9 South, Range 16 East West Point 4-8-9-16 well located in NW/4 NW/4, Section 8, 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 Gil Hunt, Associate Director, 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 13th day of August, 2009.

STATE OF UTAH DIVISION OF OIL, GAS & MINING Gil Hunt Associate Director Published in the Uintah Basin Standard August 18, 2009.

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-353

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 25, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 4, 7, 8, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

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Monument Butte NE Unit:

Monument Butte Federal 8-25-8-16 well located in SW/4 NE/4, Section 25, Township 8 South, Range 16 East  
Monument Butte Federal 12-25-8-16 well located in NW/4 SW/4, Section 25, Township 8 South, Range 16 East  
Monument Butte Federal 14-25-8-16 well located in SE/4 SW/4, Section 25, Township 8 South, Range 16 East

South Wells Draw Unit:

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

West Point Unit:

Nine Mile 16-7-9-16 well located in SE/4 SE/4, Section 7, Township 9 South, Range 16 East  
West Point 4-8-9-16 well located in NW/4 NW/4, Section 8, Township 9 South, Range 16 East

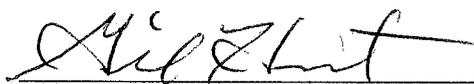
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Dated this 13th day of August, 2009.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING



Gil Hunt  
Associate Director

**Newfield Production Company**

**MONUMENT BUTTE FEDERAL 8-25-8-16, MONUMENT BUTTE FEDERAL 12-25-8-16,  
MONUMENT BUTTE FEDERAL 14-25-8-16, SOUTH WELLS DRAW 10-4-9-16, SOUTH WELLS  
DRAW 16-4-9-16, NINE MILE 16-7-9-16, WEST POINT 4-8-9-16.**

**Cause No. UIC-353**

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 [ubs@ubstandard.com](mailto:ubs@ubstandard.com)

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

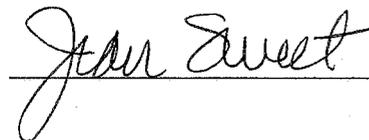
Vernal Office  
Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078

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

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

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

SITLA  
675 East 500 South, Suite 500  
Salt Lake City, UT 84102-2818

  
\_\_\_\_\_

**From:** Bonnie <bonnie@ubstandard.com>  
**To:** <jsweet@utah.gov>  
**Date:** 8/14/2009 9:53 AM  
**Subject:** Legal Notice

Jean, *newfield*  
Notice of Agency Action Cause No. UIC 353 will be published on August 18, 2009.  
Thank you,

--  
Bonnie Parrish  
Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066  
(435) 722-5131  
(435) 722-4140 Fax  
bonnie@ubstandard.com

**Jean Sweet - Notice of Agency Action - Newfield various wells UIC 353**

---

**From:** Jean Sweet  
**To:** ubs@ubstandard.com  
**Date:** 8/13/2009 2:29 PM  
**Subject:** Notice of Agency Action - Newfield various wells UIC 353  
**Attachments:** 20090813 Newfield various wells UB Standard Notice of Agency Action UIC 353.doc; 20090813 Newfield various wells UB Standard Notice of Agency Action UIC 353.pdf

---

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

RE: Notice of Agency Action – Newfield Production Company Cause No. UIC 353

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  
Salt Lake City, UT  
801-538-5329  
[jsweet@utah.gov](mailto:jsweet@utah.gov)

August 13, 2009

VIA E-MAIL [ubs@ubstandard.com](mailto:ubs@ubstandard.com)

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

RE: Notice of Agency Action – Newfield Production Company Cause No. UIC-353

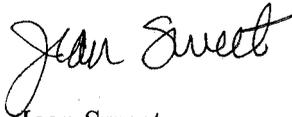
Gentlemen:

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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

**Jean Sweet - RE: Notice of Agency Action - Newfield UIC 353**

---

**From:** "NAC Legal" <naclegal@mediaoneutah.com> SL Tribune  
**To:** "Jean Sweet" <jsweet@utah.gov>  
**Date:** 8/13/2009 4:25 PM  
**Subject:** RE: Notice of Agency Action - Newfield UIC 353

---

Ad #486675 is scheduled to run August 18 and the total charge is \$177.50.

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.: 801-237-2720

Email: naclegal@mediaoneutah.com

---

**From:** Jean Sweet [mailto:jsweet@utah.gov]  
**Sent:** Thursday, August 13, 2009 2:33 PM  
**To:** naclegal@mediaoneutah.com  
**Subject:** Notice of Agency Action - Newfield UIC 353

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

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC 353

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  
Utah Div. of Oil, Gas & Mining  
1594 West Temple  
Salt Lake City, UT  
801-538-5329  
[jsweet@utah.gov](mailto:jsweet@utah.gov)

**Jean Sweet - Notice of Agency Action - Newfield UIC 353**

---

**From:** Jean Sweet  
**To:** Sweet, Jean  
**Date:** 8/13/2009 2:34 PM  
**Subject:** Notice of Agency Action - Newfield UIC 353  
**Attachments:** 20090813 Newfield various wells SL Trib Notice of Agency Action UIC 353.pdf; 20090813 Newfield various wells SL Trib Notice of Agency Action UIC 353.doc

---

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

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC 353

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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  
Utah Div. of Oil, Gas & Mining  
1594 West Temple  
Salt Lake City, UT  
801-538-5329  
[jsweet@utah.gov](mailto:jsweet@utah.gov)

August 13, 2009

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

Salt Lake Tribune  
PO Box 45838  
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-353

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

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

**Applicant:** Newfield Production Company      **Well:** South Wells Draw 16-4-9-16

**Location:** 4/9S/16E      **API:** 43-013-32110

**Ownership Issues:** The proposed well is located on BLM land. The well is located in the South Wells Draw 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. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and leaseholders in the half-mile radius. Newfield is the operator of the South Wells Draw 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 5,824 feet. A cement bond log demonstrates adequate bond in this well up to 3,872 feet. A 2 7/8 inch tubing with a packer will be set at 4,827. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 10 producing wells and 3 injection wells in the area of review. All of the wells have evidence of adequate casing and cement.

**Ground Water Protection:** According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 1600 feet. Injection shall be limited to the interval between 4155 feet and 5703 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 16-4-9-16 well is 1.13 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 3,368 psig. The requested maximum pressure is 3,368 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 16-4-9-16**

**page 2**

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the South Wells Draw Unit on July 16, 2001. 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 8/19/09

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

CUSTOMER'S COPY

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	8/19/2009

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE NUMBER
8015385340	0000486675 /
SCHEDULE	
Start 08/18/2009	End 08/18/2009
CUST. REF. NO.	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINI	
SIZE	
69 Lines	2.00 COLUMN
TIMES	RATE
2	
MISC. CHARGES	AD-CHARGES
TOTAL COST	
177.50	

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-353

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 25, TOWNSHIP 8 SOUTH, RANGE 16 EAST, SECTIONS 4, 7, 8, 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:

Monument Butte NE Unit:  
Monument Butte Federal 8-25-8-16 well located in SW/4 NE/4, Section 25, Township 8 South, Range 16 East  
Monument Butte Federal 12-25-8-16 well located in NW/4 SW/4, Section 25, Township 8 South, Range 16 East  
Monument Butte Federal 14-25-8-16 well located in SE/4 SW/4, Section 25, Township 8 South, Range 16 East  
South Wells Draw Unit:  
South Wells Draw 10-4-9-16 well located in NW/4 SE/4, Section 4, Township 9 South, Range 16 East  
South Wells Draw 16-4-9-16 well located in SE/4 SE/4, Section 4, Township 9 South, Range 16 East  
West Point Unit:  
Nine Mile 16-7-9-16 well located in SE/4 SE/4, Section 7, Township 9 South, Range 16 East  
West Point 4-8-9-16 well located in NW/4 NW/4, Section 8, 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 Gil Hunt, Associate Director, 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 13th day of August, 2009.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
Gil Hunt  
Associate Director  
486675 UPAXLP

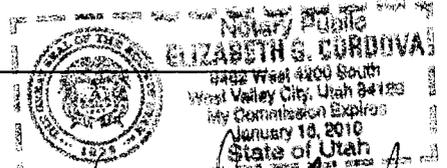
COPY

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF BEFORE THE DIVISION OF OIL, GAS AND MINI FOR DIV OF OIL-GAS & MINING, WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, 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.

Start 08/18/2009 End 08/18/2009

PUBLISHED ON \_\_\_\_\_  
SIGNATURE *Gil Hunt*  
8/19/2009



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

*[Handwritten signature]*



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
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

August 20, 2009

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

Subject: South Wells Draw Unit Well: South Wells Draw 16-4-9-16, Section 4, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah

Gentlemen:

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

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by 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 801-538-5333 or Brad Hill 801-538-5315 at this office.

Sincerely,

Gil Hunt  
Associate Director

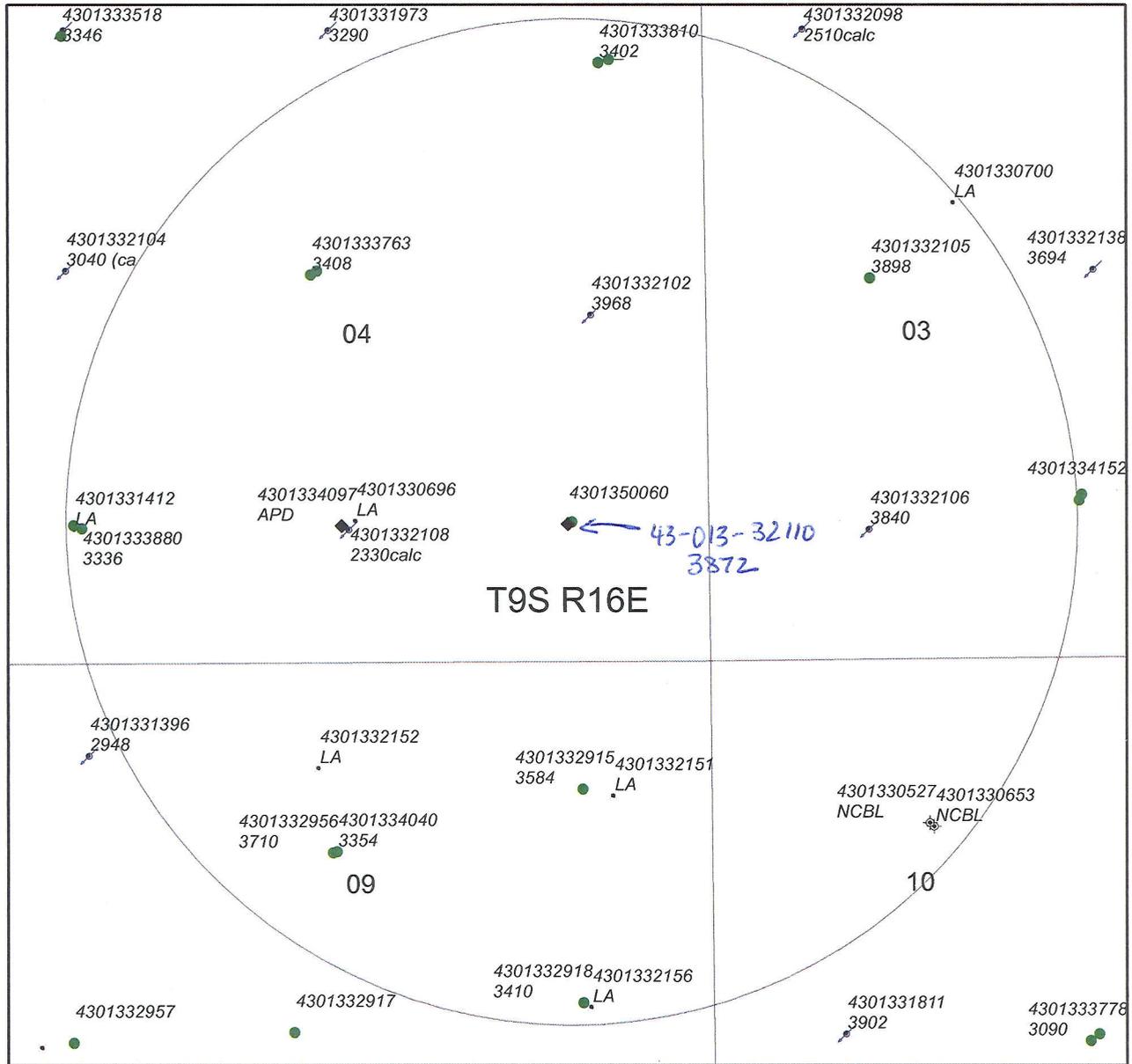
GLH/MLR/js

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\Newfield\Wells Draw

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





# SOUTH WELLS DRAW 16-4-9-16

## API #43-013-32110

### UIC-353.1

**Legend**

**OGM Database View Events**

✕ <all other values>

**Status**

◆ APD - Approved Permit

⊙ DRL - Spudded (Drilling Commenced)

⚡ GIW - Gas Injection

⚡ GS - Gas Storage

⊖ LA - Location Abandoned

⊕ LOC - New Location

⚠ OPS - Operation Suspended

⊖ PA - Plugged Abandoned

⚡ PGW - Producing Gas Well

● POW - Producing Oil Well

⊙ RET - Returned APD

⚡ SGW - Shut-in Gas Well

● SOW - Shut-in Oil Well

⊖ TA - Temp. Abandoned

○ TW - Test Well

⚡ WDW - Water Disposal

⚡ WIW - Water Injection Well

● WSW - Water Supply Well

1870calc = approx cement top calculated from well completion report





November 11, 2009

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

RE: Re-completion  
South Wells Draw 16-4-9-16  
Sec. 4, T9S, R16E  
API # 43-013-32110

Dear Mr. Hill:

The subject well had new perforations added in the Green River Formation. The well was then put back on production. Please find enclosed the sundry. If you have any questions please give me a call at 435-646-4874.

Sincerely,

  
Lucy Chavez-Naupoto  
Production Clerk

RECEIVED

NOV 23 2009

DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:

USA UTU-77338

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

7. UNIT or CA AGREEMENT NAME:

S WELLS DRAW UNIT

1. TYPE OF WELL:

OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:

S WELLS DRAW 16-4-9-16

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:

4301332110

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER

435.646.3721

10. FIELD AND POOL, OR WILDCAT:

MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 751 FSL 713 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESE, 4, T9S, R16E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  10/31/2009	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The above subject well was recompleted and then placed back on production. The following perforation was added in the Green River Formation:

LODC 5474-5478' 3 JSPF 12 holes

GB6 4393-4403' 3 JSPF 30 holes

**RECEIVED**

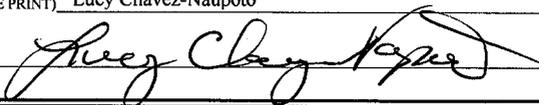
**NOV 23 2009**

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

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Production Clerk

SIGNATURE



DATE 11/11/2009

(This space for State use only)

**NEWFIELD****Daily Workover Report**Well Name: **S WLLS DRW 16-4-9-16**

AFE: 18848

Report Date: 10/23/09

RCMPDV

Operation: Clean out to PBTB

Field:	S WELLS DRAW UNIT	Rig Name:	WWS #5	Work Performed:	10/22/2009
Location:	S4 T9S R16E	Supervisor:	Aaron Manning	Day:	1
County:	DUCHESNE	Phone:	435- 823-1087	Daily Cost:	\$14,938
State:	UT	Email:	amanning@newfield.com	Cum DWR:	\$14,938

Reason for Workover: Recompletion

24 Hr Summary:	MIRU WWS #5. TOO H w/ rods & tbg.				
24 Hr Plan Forward:	Clean out to PBTB				
Incidents:	None	Newfield Pers:	2	Contract Pers:	8
Conditions:					

**Critical Comments****Activity Summary**

0 Hr(s); P : MIRU WWS #5. Hot oiler had pumped 60 BW down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 BW @ 250°. TOO H w/ rods as detailed. LD rod pump. Pump had show of scale on pull rod & screen. X-over for tbg. ND wellhead. Release TA, could get TA to move only 1' either way. NU BOPs. RU rig floor. Work TA lose w/ tbg tongs. PU tbg & tag fill @ 5251'. Work tbg w/ tongs attempting to make hole w/o success. TOO H w/ tbg as detailed. PU & TIH w/ 4 3/4" rock bit, 5 1/2" scraper, X-over & 154- jts 2 7/8" tbg. EOT @ 4787'. SWIFN.

**Failures**

Failure Date				
Failure 1				
Failure 2				
Failure 3				
Failure 4				
Failure 5				
Contr. Factors				
Location				



**NEWFIELD****Daily Workover Report**Well Name: **S WLLS DRW 16-4-9-16**

AFE: 18848

Report Date: 10/26/09

RCMPDV

Operation: Wait on frac crew.

Field:	S WELLS DRAW UNIT	Rig Name:	WWS #5	Work Performed:	10/26/2009
Location:	S4 T9S R16E	Supervisor:	Aaron Manning	Day:	3
County:	DUCHESNE	Phone:	435- 823-1087	Daily Cost:	\$8,447
State:	UT	Email:	amanning@newfield.com	Cum DWR:	\$30,569

Reason for Workover: Recompletion

<b>24 Hr Summary:</b>	Perforate LODC & GB6 sands. PU N-80 tbg w/ RBP & pkr.				
<b>24 Hr Plan Forward:</b>	Acidize D1, C & B sands. Frac LODC & GB6 sands.				
<b>Incidents:</b>	None	<b>Newfield Pers:</b>	2	<b>Contract Pers:</b>	8
		<b>Conditions:</b>			

**Critical Comments****Activity Summary**

0 Hr(s); P : Hot oiler had flushed tbg w/ 60 BW @ 250". TOOH w/ 40- jts tbg, LD bit & scraper. RU Perforators LLC WLT. RIH w/ 10' & 4' perf guns. Perforate LODC sands @ 5474-78' & GB6 sands @ 4393-4403' w/ 19 gram .49" EH 21.92" pen 3 SPF for total of 42 shots. Talley & PU TS RBP, HD pkr & 137- jts 2 7/8" N-80 6.5# 8rd EUE tbg. Set RBP @ 4424', PUH & set pkr @ 4380'. RU hot oiler & break down GB6 sands @ 3100 psi, establish injection rate of 2/3 BPM @ 950 psi. Release pkr, TIH latch onto & release RBP. TIH & set RBP @ 5517', PUH & set pkr @ 5446'. Attempt to break down LODC sands w/ 5000 psi w/o success. Release pkr, TIH latch onto & release RBP. TOOH & set RBP @ 4904', PUH & leave pkr released @ 4842'. SWIFN.

**Failures**

Failure Date			
Failure 1			
Failure 2			
Failure 3			
Failure 4			
Failure 5			
Contr. Factors			
Location			

**NEWFIELD**

ROCKY MOUNTAINS

**Daily Workover Report**Well Name: **S WLLS DRW 16-4-9-16**

AFE: 18848

Report Date: 10/27/09

RCMPDV

Operation: Frac LODC &amp; GB6 sands.

Field:	S WELLS DRAW UNIT	Rig Name:	WWS #5	Work Performed:	10/27/2009
Location:	S4 T9S R16E	Supervisor:	Aaron Manning	Day:	4
County:	DUCHESNE	Phone:	435-823-1087	Daily Cost:	\$5,405
State:	UT	Email:	amanning@newfield.com	Cum DWR:	\$35,974

Reason for Workover: Recompletion

24 Hr Summary: Acidize D1, C, B.5 &amp; B2 sands.

24 Hr Plan Forward: Frac LODC &amp; GB6 sands down tbg.

Incidents:	None	Newfield Pers:	6	Contract Pers:	26	Conditions:	
------------	------	----------------	---	----------------	----	-------------	--

**Critical Comments****Activity Summary**

0 Hr(s); P : Set Pkr w/ CE 4832' & EOT @ 4842'. RU BJ services. Establish injection rate of 2360 psi @ 4.6 BPM. Acidize D1 sands @ 4862-69' & 4875-81' w/ 5 bbls 15% HCL. After 15 min SIP, open well for flowback. Recovered 14 bbls. Release pkr, reverse circulate well clean. TIH to plug @ 4904', latch onto & release RBP. 242 BWTR.

0 Hr(s); P : TIH & set RBP @ 5065', PUH & set pkr w/ CE @ 4962' & EOT @ 4972'. RU BJ services. Establish injection rate of 3505 psi @ 5.2 BPM. Acidize C sands @ 4995-97', 4999-5002', 5004-16' & 5021-23' w/ 5 bbls 15% HCL. After 15 min SIP, open well for flowback. Recovered 16 bbls. Release pkr & reverse circulate well clean. TIH to plug @ 5065', latch onto & release RBP. 281 BWTR.

0 Hr(s); P : TIH & set RBP @ 5198', PUH & set pkr w/ CE @ 5059' & EOT @ 5069'. RU BJ services. Establish injection rate of 2564 psi @ 5.2 BPM. Acidize B2 sands @ 5170-80' & B.5 sands @ 5092-96' w/ 5 bbls 15% HCL. After 15 min SIP, open well for flowback. Recovered 11 bbls. Release pkr & reverse circulate well clean. TIH to plug @ 5158', latch onto & release RBP. 323 BWTR.

0 Hr(s); U : TIH & set RBP @ 5517', PUH & set pkr w/ CE @ 5419' & EOT @ 5429'. RU BJ services. Attempt to break down LODC sands @ 7200 psi w/o success. While attempting break down, pkr gave up & started to communicate w/ annulus. Release pkr, TIH to RBP @ 5517', latch onto & release RBP. TOOH w/ tbg, pkr & plug. MU new RBP & pkr, TIH w/ 149- jts N-80 tbg. SWIFN.

**Failures**

Failure Date			
Failure 1			
Failure 2			
Failure 3			
Failure 4			
Failure 5			
Contr. Factors			
Location			

**NEWFIELD****Daily Workover Report**Well Name: **S WLLS DRW 16-4-9-16**

AFE: 18848

Report Date: 10/28/09

RCMPDV

Operation: LD N-80 work string

Field:	S WELLS DRAW UNIT	Rig Name:	WWS #5	Work Performed:	10/28/2009
Location:	S4 T9S R16E	Supervisor:	Aaron Manning	Day:	5
County:	DUCHESNE	Phone:	435- 823-1087	Daily Cost:	\$46,501
State:	UT	Email:	amanning@newfield.com	Cum DWR:	\$82,475

Reason for Workover: Recompletion

24 Hr Summary:	Frac GB6 & LODC sands.				
24 Hr Plan Forward:	LD N-80 work string, TIH w/ production.				
Incidents:	None	Newfield Pers:	1	Contract Pers:	27
Conditions:					

**Critical Comments****Activity Summary**

0 Hr(s); P : TIH & set RBP @ 5517', PUH & place EOT @ 5497'. RU BJ services. Spot 2 bbls 15% HCL across LODC perms. PUH & set pkr w/ CE @ 5419' & EOT @ 5429'. RU BJ services. Frac LODC sands w/ 7998#s of 20/40 sand in 114 bbls lightning 17 frac fluid. Screen out before flush was called. Pumped total of 14,212#s of sand w/ only 7998# into formation. Treated w/ ave pressure of 4644 psi, max pressure of 7912 psi, ave rate of 16.3 bpm & max rate of 16.5 bpm. Flowback immediately, pressure annulus & release pkr. Reverse circulate well clean. TIH to RBP @ 5517'. Latch onto & release RBP. 485 BWTR.

0 Hr(s); P : PUH & set RBP @ 4452', PUH & set pkr w/ CE @ 4354' & EOT @ 4364'. RU BJ services. Frac GB6 sand w/ 28,758#s 20/40 sand in 242 bbls lightning 17 frac fluid. Treated w/ ave pressure of 3156 psi, max pressure of 3514 psi, ave rate of 16.4 bpm & max rate of 16.5 bpm. After 15 min SIP, open well for flowback @ 3 bpm. Recovered 130 bbls. Release pkr, TIH & tag fill @ 4412'. Clean out to RBP @ 5517', reverse circulate well clean. Lacth onto & release RBP. TIH & set RBP @ 5517'. PUH & leave pkr hang @ 4354'. RU swab equipment. Made 10 swab runs w/ SFL @ surface & EFL @ 900'. Recovered 96 bbls ending w/ trace of oil & no show of sand. RD swab equipment. TIH & tag fill @ 5512', clean out to RBP @ 5517'. Circulate well clean. Latch onto & release RBP. TOOH w/ 40- jts tbg, EOT @ 4206'. SWIFN. 960 BWTR.

**Failures**

Failure Date				
Failure 1				
Failure 2				
Failure 3				
Failure 4				
Failure 5				
Contr. Factors				
Location				

**NEWFIELD**

ROCKY MOUNTAINS

**Daily Workover Report**Well Name: **S WLLS DRW 16-4-9-16**

AFE: 18848

Report Date: 10/30/09

RCMPDV

Operation: TIH w/ string mill &amp; mill tight spot

Field:	S WELLS DRAW UNIT	Rig Name:	WWS #5	Work Performed:	10/29/2009
Location:	S4 T9S R16E	Supervisor:	Aaron Manning	Day:	6
County:	DUCHESNE	Phone:	435-823-1087	Daily Cost:	\$5,667
State:	UT	Email:	amanning@newfield.com	Cum DWR:	\$88,142

Reason for Workover: Recompletion

24 Hr Summary:	LD N-80 work string. TIH w/ production tbg, TA would not set, TOOH w/ tbg.				
24 Hr Plan Forward:	TIH w/ string mill & clean out tight spot in csg.				
Incidents:	None	Newfield Pers:	2	Contract Pers:	7
Conditions:					

**Critical Comments****Activity Summary**

0 Hr(s); P : Check pressure on well, 500 psi tbg & csg. Flush tbg w/ 40 BW @ 250°. LD 131- jts N-80 tbg on trailer, LD BHA. TIH w/ 40- jts N-80 tbg from derrick. Flush tbg w/ 20 BW @ 250°. LD tbg on trailer. TIH w/ production tbg as follows: NC, 2- jts tbg, SN, 1- jt tbg, TA, 169- jts 2 7/8" 6.5# 8rd EUE tbg. Hit tight spot in csg @ 5262', work through tight spot. TIH w/ 3- jts tbg & work TA through tight spot. TIH w/ 6- jts tbg. Attempt setting TA w/o success. Reverse circulate well w/ 80 BW. Attempt setting TA again w/o success. TOOH w/ 135- jts tbg, EOT @ 1247'. SWIFN. 960 BWTR.

**Failures**

Failure Date			
Failure 1			
Failure 2			
Failure 3			
Failure 4			
Failure 5			
Contr. Factors			
Location			

**NEWFIELD****Daily Workover Report**Well Name: **S WLLS DRW 16-4-9-16**AFE: **18848**Report Date: **11/2/09****RCMPDV**Operation: **Continue PU rods**

Field:	S WELLS DRAW UNIT	Rig Name:	WWS #5	Work Performed:	10/30/2009
Location:	S4 T9S R16E	Supervisor:	Aaron Manning	Day:	7
County:	DUCHESNE	Phone:	435-823-1087	Daily Cost:	\$27,029
State:	UT	Email:	amanning@newfield.com	Cum DWR:	\$115,171

Reason for Workover: **Recompletion**

<b>24 Hr Summary:</b>	Mill tight spot in csg, TIH w/ production tbg. Start TIH w/ rods.
<b>24 Hr Plan Forward:</b>	Continue TIH w/ rods.

<b>Incidents:</b>	None	<b>Newfield Pers:</b>	2	<b>Contract Pers:</b>	7	<b>Conditions:</b>	
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**Critical Comments**

Tight spot in csg @ 5262'.

**Activity Summary**

0 Hr(s); P : Check pressure on well, 500 psi tbg & csg. TOOH w/ 40- jts tbg, LD TA, SN & NC. TA was missing 4 drag springs & NC showed had bent teeth. TIH w/ 4 3/4" string mill, X-over & 178- jts 2 7/8" tbg, EOT @ 5532'. TOOH w/ 9- jts tbg, RU power swivel. Work string mill through tight spot @ 5262'. RD power swivel. TOOH w/ 178- jts tbg, LD string mill. MU BHA & TIH w/ production tbg. W/ 46- jts in, well was flowing up tbg. Circulate well to kill tbg. Continue TIH w/ tbg. RD rig floor. ND BOPs. Set TA @ 5442' w/ 18,000#s tension. NU wellhead. X-over for rods. Flush tbg w/ 60 BW. PU & prime Central Hydraulic 2 1/2" X 1 3/4" X 16' X 20' RHAC rod pump. TIH w/ 6- 1 1/2" weight rods & 133 3/4" guided rods. PU polished rod & SWIFN. 950 BWTR.

**Failures**

Failure Date			
Failure 1			
Failure 2			
Failure 3			
Failure 4			
Failure 5			
Contr. Factors			
Location			

**NEWFIELD****Final Daily Completion Report**Well Name: **S WLLS DRW 16-4-9-16**

AFE: 18848

Report Date: 11/2/09

RCMPDV

Operation: Produce well

Field:	S WELLS DRAW UNIT	Rig Name:	WWS #5	Work Performed:	10/31/2009
Location:	S4 T9S R16E	Supervisor:	Aaron Manning	Day:	8
County:	DUCHESNE	Phone:	435- 823-1087	Daily Cost:	\$4,458
State:	UT	Email:	amanning@newfield.com	Cum DWR:	\$119,629

Reason for Workover: Recompletion

24 Hr Summary:	Continue TIH w/ rods.				
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24 Hr Plan Forward:	Produce well.				
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Incidents:	None	Newfield Pers:	1	Contract Pers:	8	Conditions:	
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**Critical Comments**

Tight spot in csg @ 5262'.

**Activity Summary**

0 Hr(s); P : Continue TIH w/ 61- 7/8" guided rods, 1- 4', 2' X 7/8" pony rods & 1 1/2" X 26'. RU pumping unit. Stroke test pump w/ unit to 800 psi. RDMOSU. PWOP @ 10:00 am w/ 144" SL & 5 SPM. 950 BWTR.

**Failures**

Failure Date			
Failure 1			
Failure 2			
Failure 3			
Failure 4			
Failure 5			
Contr. Factors			
Location			

**Daily Activity Report**

**Format For Sundry**  
**S WLLS DRW 16-4-9-16**  
**8/1/2009 To 12/30/2009**

43 013 32110  
 9S 16E 4

**10/23/2009 Day: 1****Recompletion**

WWS #5 on 10/23/2009 - MIRU WWS #5. TOO H w/ rods & tbg. - MIRU WWS #5. Hot oiler had pumped 60 BW down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 BW @ 250°. TOO H w/ rods as detailed. LD rod pump. Pump had show of scale on pull rod & screen. X-over for tbg. ND wellhead. Release TA, could get TA to move only 1' either way. NU BOPs. RU rig floor. Work TA lose w/ tbg tongs. PU tbg & tag fill @ 5251'. Work tbg w/ tongs attempting to make hole w/o success. TOO H w/ tbg as detailed. PU & TIH w/ 4 3/4" rock bit, 5 1/2" scraper, X-over & 154- jts 2 7/8" tbg. EOT @ 4787'. SWIFN.

**Daily Cost:** \$0**Cumulative Cost:** \$14,938**10/26/2009 Day: 2****Recompletion**

WWS #5 on 10/26/2009 - Clean out to PBTD. - Check pressure on well, 0 psi. TIH w/ 15- jts tbg. RU power swivel. Tag fill @ 5250'. Drill out to PBTD @ 5767', first 8' took 2 hours to drill. Circulate well clean. RD drill equipment. LD 5- jts tbg. TOO H w/ 140- jts tbg. SWIFN. 145 BWTR. - Check pressure on well, 0 psi. TIH w/ 15- jts tbg. RU power swivel. Tag fill @ 5250'. Drill out to PBTD @ 5767', first 8' took 2 hours to drill. Circulate well clean. RD drill equipment. LD 5- jts tbg. TOO H w/ 140- jts tbg. SWIFN. 145 BWTR. - Hot oiler had flushed tbg w/ 60 BW @ 250°. TOO H w/ 40- jts tbg, LD bit & scraper. RU Perforators LLC WLT. RIH w/ 10' & 4' perf guns. Perforate LODC sands @ 5474-78' & GB6 sands @ 4393-4403' w/ 19 gram .49" EH 21.92" pen 3 SPF for total of 42 shots. Talley & PU TS RBP, HD pkr & 137- jts 2 7/8" N-80 6.5# 8rd EUE tbg. Set RBP @ 4424', PUH & set pkr @ 4380'. RU hot oiler & break down GB6 sands @ 3100 psi, establish injection rate of 2/3 BPM @ 950 psi. Release pkr, TIH latch onto & release RBP. TIH & set RBP @ 5517', PUH & set pkr @ 5446'. Attempt to break down LODC sands w/ 5000 psi w/o success. Release pkr, TIH latch onto & release RBP. TOO H & set RBP @ 4904', PUH & leave pkr released @ 4842'. SWIFN. - Hot oiler had flushed tbg w/ 60 BW @ 250°. TOO H w/ 40- jts tbg, LD bit & scraper. RU Perforators LLC WLT. RIH w/ 10' & 4' perf guns. Perforate LODC sands @ 5474-78' & GB6 sands @ 4393-4403' w/ 19 gram .49" EH 21.92" pen 3 SPF for total of 42 shots. Talley & PU TS RBP, HD pkr & 137- jts 2 7/8" N-80 6.5# 8rd EUE tbg. Set RBP @ 4424', PUH & set pkr @ 4380'. RU hot oiler & break down GB6 sands @ 3100 psi, establish injection rate of 2/3 BPM @ 950 psi. Release pkr, TIH latch onto & release RBP. TIH & set RBP @ 5517', PUH & set pkr @ 5446'. Attempt to break down LODC sands w/ 5000 psi w/o success. Release pkr, TIH latch onto & release RBP. TOO H & set RBP @ 4904', PUH & leave pkr released @ 4842'. SWIFN.

**Daily Cost:** \$0**Cumulative Cost:** \$22,122**10/27/2009 Day: 4****Recompletion**

WWS #5 on 10/27/2009 - Acidize D1, C, B.5 & B2 sands. - TIH & set RBP @ 5065', PUH & set pkr w/ CE @ 4962' & EOT @ 4972'. RU BJ services. Establish injection rate of 3505 psi @ 5 BPM. Acidize C sands @ 4995-97', 4999-5002', 5004-16' & 5021-23' w/ 5 bbls 15% HCL. After 15 min SIP, open well for flowback. Recovered 16 bbls. Release pkr & reverse circulate well clean. TIH to plug @ 5065', latch onto & release RBP. 281 BWTR. - Set Pkr w/ CE 4832' & EOT @ 4842'. RU BJ services. Establish injection rate of 2360 psi @ 4.6 BPM. Acidize D1 sands @ 4862-69' & 4875-81' w/ 5 bbls 15% HCL. After 15 min SIP, open well for flowback. Recovered

14 bbls. Release pkr, reverse circulate well clean. TIH to plug @ 4904', latch onto & release RBP. 242 BWTR. - TIH & set RBP @ 5198', PUH & set pkr w/ CE @ 5059' & EOT @ 5069'. RU BJ services. Establish injection rate of 2564 psi @ 5.2 BPM. Acidize B2 sands @ 5170-80' & B.5 sands @ 5092-96' w/ 5 bbls 15% HCL. After 15 min SIP, open well for flowback.

Recovered 11 bbls. Release pkr & reverse circulate well clean. TIH to plug @ 5158', latch onto & release RBP. 323 BWTR. - TIH & set RBP @ 5517', PUH & set pkr w/ CE @ 5419' & EOT @ 5429'. RU BJ services. Attempt to break down LODC sands @ 7200 psi w/o success. While attempting break down, pkr gave up & started to communicate w/ annulus. Release pkr, TIH to RBP @ 5517', latch onto & release RBP. TOOH w/ tbg, pkr & plug. MU new RBP & pkr, TIH w/ 149- jts N-80 tbg. SWIFN.

**Daily Cost:** \$0

**Cumulative Cost:** \$35,974

**10/28/2009 Day: 5**

**Recompletion**

WWS #5 on 10/28/2009 - Frac GB6 & LODC sands. - TIH & set RBP @ 5517', PUH & place EOT @ 5497'. RU BJ services. Spot 2 bbls 15% HCL across LODC perms. PUH & set pkr w/ CE @ 5419' & EOT @ 5429'. RU BJ services. Frac LODC sands w/ 7998#s of 20/40 sand in 114 bbls lightning 17 frac fluid. Screen out before flush was called. Pumped total of 14,212#s of sand w/ only 7998# into formation. Treated w/ ave pressure of 4644 psi, max pressure of 7912 psi, ave rate of 16.3 bpm & max rate of 16.5 bpm. Flowback immediately, pressure annulus & release pkr. Reverse circulate well clean. TIH to RBP @ 5517'. Latch onto & release RBP. 485 BWTR. - PUH & set RBP @ 4452', PUH & set pkr w/ CE @ 4354' & EOT @ 4364'. RU BJ services. Frac GB6 sand w/ 28,758#s 20/40 sand in 242 bbls lighting 17 frac fluid. Treated w/ ave pressure of 3156 psi, max pressure of 3514 psi, ave rate of 16.4 bpm & max rate of 16.5 bpm. After 15 min SIP, open well for flowback @ 3 bpm. Recovered 130 bbls. Release pkr, TIH & tag fill @ 4412'. Clean out to RBP @ 5517', reverse circulate well clean. Latch onto & release RBP. TIH & set RBP @ 5517'. PUH & leave pkr hang @ 4354'. RU swab equipment. Made 10 swab runs w/ SFL @ surface & EFL @ 900'. Recovered 96 bbls ending w/ trace of oil & no show of sand. RD swab equipment. TIH & tag fill @ 5512', clean out to RBP @ 5517'. Circulate well clean. Latch onto & release RBP. TOOH w/ 40- jts tbg, EOT @ 4206'. SWIFN. 960 BWTR.

**Daily Cost:** \$0

**Cumulative Cost:** \$82,475

**10/30/2009 Day: 6**

**Recompletion**

WWS #5 on 10/30/2009 - LD N-80 work string. TIH w/ production tbg, TA would not set, TOOH w/ tbg. - Check pressure on well, 500 psi tbg & csg. Flush tbg w/ 40 BW @ 250°. LD 131- jts N-80 tbg on trailer, LD BHA. TIH w/ 40- jts N-80 tbg from derrick. Flush tbg w/ 20 BW @ 250°. LD tbg on trailer. TIH w/ production tbg as follows: NC, 2- jts tbg, SN, 1- jt tbg, TA, 169- jts 2 7/8" 6.5# 8rd EUE tbg. Hit tight spot in csg @ 5262', work through tight spot. TIH w/ 3- jts tbg & work TA through tight spot. TIH w/ 6- jts tbg. Attempt setting TA w/o success. Reverse circulate well w/ 80 BW. Attempt setting TA again w/o success. TOOH w/ 135- jts tbg, EOT @ 1247'. SWIFN. 960 BWTR.

**Daily Cost:** \$0

**Cumulative Cost:** \$88,142

**11/2/2009 Day: 8**

**Recompletion**

WWS #5 on 11/2/2009 - Continue TIH w/ rods. - Check pressure on well, 500 psi tbg & csg. TOOH w/ 40- jts tbg, LD TA, SN & NC. TA was missing 4 drag springs & NC showed had bent teeth. TIH w/ 4 3/4" string mill, X-over & 178- jts 2 7/8" tbg, EOT @ 5532'. TOOH w/ 9- jts

tbg, RU power swivel. Work string mill through tight spot @ 5262'. RD power swivel. TOOH w/ 178- jts tbg, LD string mill. MU BHA & TIH w/ production tbg. W/ 46- jts in, well was flowing up tbg. Circulate well to kill tbg. Continue TIH w/ tbg. RD rig floor. ND BOPs. Set TA @ 5442' w/ 18,000#s tension. NU wellhead. X-over for rods. Flush tbg w/ 60 BW. PU & prime Central Hydraulic 2 1/2" X 1 3/4" X 16' X 20' RHAC rod pump. TIH w/ 6- 1 1/2" weight rods & 133 3/4" guided rods. PU polished rod & SWIFN. 950 BWTR. - Check pressure on well, 500 psi tbg & csg. TOOH w/ 40- jts tbg, LD TA, SN & NC. TA was missing 4 drag springs & NC showed had bent teeth. TIH w/ 4 3/4" string mill, X-over & 178- jts 2 7/8" tbg, EOT @ 5532'. TOOH w/ 9- jts tbg, RU power swivel. Work string mill through tight spot @ 5262'. RD power swivel. TOOH w/ 178- jts tbg, LD string mill. MU BHA & TIH w/ production tbg. W/ 46- jts in, well was flowing up tbg. Circulate well to kill tbg. Continue TIH w/ tbg. RD rig floor. ND BOPs. Set TA @ 5442' w/ 18,000#s tension. NU wellhead. X-over for rods. Flush tbg w/ 60 BW. PU & prime Central Hydraulic 2 1/2" X 1 3/4" X 16' X 20' RHAC rod pump. TIH w/ 6- 1 1/2" weight rods & 133 3/4" guided rods. PU polished rod & SWIFN. 950 BWTR. - Continue TIH w/ 61- 7/8" guided rods, 1- 4', 2' X 7/8" pony rods & 1 1/2" X 26'. RU pumping unit. Stroke test pump w/ unit to 800 psi. RDMOSU. PWOP @ 10:00 am w/ 144" SL & 5 SPM. 950 BWTR. - Continue TIH w/ 61- 7/8" guided rods, 1- 4', 2' X 7/8" pony rods & 1 1/2" X 26'. RU pumping unit. Stroke test pump w/ unit to 800 psi. RDMOSU. PWOP @ 10:00 am w/ 144" SL & 5 SPM. 950 BWTR.

**Finalized****Daily Cost:** \$0**Cumulative Cost:** \$119,629

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**Pertinent Files: Go to File List**

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

5. LEASE DESIGNATION AND SERIAL NUMBER:

USA 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

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
S WELLS DRAW 16-4-9-16

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301332110

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

PHONE NUMBER  
435.646.3721

10. FIELD AND POOL, OR WILDCAT:  
MONUMENT BUTTE

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 751 FSL 713 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESE, 4, T9S, R16E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will  	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  04/16/2010	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The subject well has been converted from a producing oil well to an injection well on 04/14/2010.

On 04/15/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well.

Permission was given at that time to perform the test on 04/15/2010. On 04/16/2010 the casing was pressured up to 1520 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

API# 43-013-32110

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE



DATE 04/20/2010

(This space for State use only)

**RECEIVED**

**APR 26 2010**

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

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.**

**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 area code)  
                   435.646.3721

4. Location of Well    (Footage, Sec., T., R., M., or Survey Description)  
 751 FSL 713 FEL  
 SESE Section 4 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 16-4-9-16

9. API Well No.  
 4301332110

10. Field and Pool, or Exploratory Area  
 MONUMENT BUTTE

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 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 checked="" 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 checked="" type="checkbox"/> Other _____	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Change Status _____	
	<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 recomplate 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.)

The subject well has been converted from a producing oil well to an injection well on 04/14/2010. On 04/15/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 04/15/2010. On 04/16/2010 the casing was pressured up to 1520 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

API# 43-013-32110

I hereby certify that the foregoing is true and correct (Printed/ Typed) Lucy Chavez-Naupoto	Title Administrative Assistant
Signature 	Date 04/20/2010

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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

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

(Instructions on page 2)

**RECEIVED**

**APR 26 2010**

**DIV OF OIL, GAS & MINING**

## Daily Activity Report

Format For Sundry

**S WLLS DRW 16-4-9-16**

**2/1/2010 To 6/30/2010**

**4/13/2010 Day: 1**

**Conversion**

Nabors #809 on 4/13/2010 - LD rod string and pump. - MIRU Nabors rig #809. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & unseat rod pump. Flush tbg & rods W/ 30 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 15 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Re-flushed rods twice more on TOH W/ add'l 40 BW. ND wellhead & release TA @ 5442'. NU BOP. SIFN. - MIRU Nabors rig #809. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & unseat rod pump. Flush tbg & rods W/ 30 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 15 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Re-flushed rods twice more on TOH W/ add'l 40 BW. ND wellhead & release TA @ 5442'. NU BOP. SIFN. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$23,880

**4/14/2010 Day: 2**

**Conversion**

Nabors #809 on 4/14/2010 - TOH W/ production tbg. TIH W/ packer & test injection string. - RU HO trk to tbg & flush W/ 40 BW @ 250°F. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 38 jts & BHA. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 140 jts 2 7/8 8rd 6.5# M50 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Pump back up to 3000 psi & SIFN. - RU HO trk to tbg & flush W/ 40 BW @ 250°F. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 38 jts & BHA. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 140 jts 2 7/8 8rd 6.5# M50 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Pump back up to 3000 psi & SIFN. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$30,856

**4/15/2010 Day: 3**

**Conversion**

Nabors #809 on 4/15/2010 - Tested tbg. Set & test packer. RDMOSU. - Perform MIT. - Tbg pressure @ 2500 psi. RU HO trk & bump up to 3000 psi. Held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4347', CE @ 4352' & EOT @ 4356'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holds solid for 1 hour. RDMOSU. - Perform MIT. - Tbg pressure @ 2500 psi. RU HO trk & bump up to 3000 psi. Held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4347', CE @ 4352' & EOT @ 4356'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holds solid for 1 hour. RDMOSU. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$32,510

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**4/19/2010 Day: 4****Conversion**

Rigless on 4/19/2010 - Conversion MIT - On 4/15/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above listed well (South Wells Draw 16-4-9-16). Permission was given at that time to perform the test on 4/15/2010. On 4/16/2010 the csg was pressured up to 1520 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test . The tbg pressure was 0 psig during the test. There was not a State representative available to witness the test. API # 43-013-32110 - On 4/15/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above listed well (South Wells Draw 16-4-9-16). Permission was given at that time to perform the test on 4/15/2010. On 4/16/2010 the csg was pressured up to 1520 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test . The tbg pressure was 0 psig during the test. There was not a State representative available to witness the test. API # 43-013-32110 **Finalized**

**Daily Cost:** \$0**Cumulative Cost:** \$32,810

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**Pertinent Files: Go to File List**

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

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

Witness: \_\_\_\_\_ Date 04/16/2010 Time 9:00  am  pm

Test Conducted by: Lynn Manson

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

Well: South Wells Draw 16-4-9-16

Field: Monument Butte

Well Location: SE/SE Sec. 4, T9S, R16E

API No: 43-013-32110

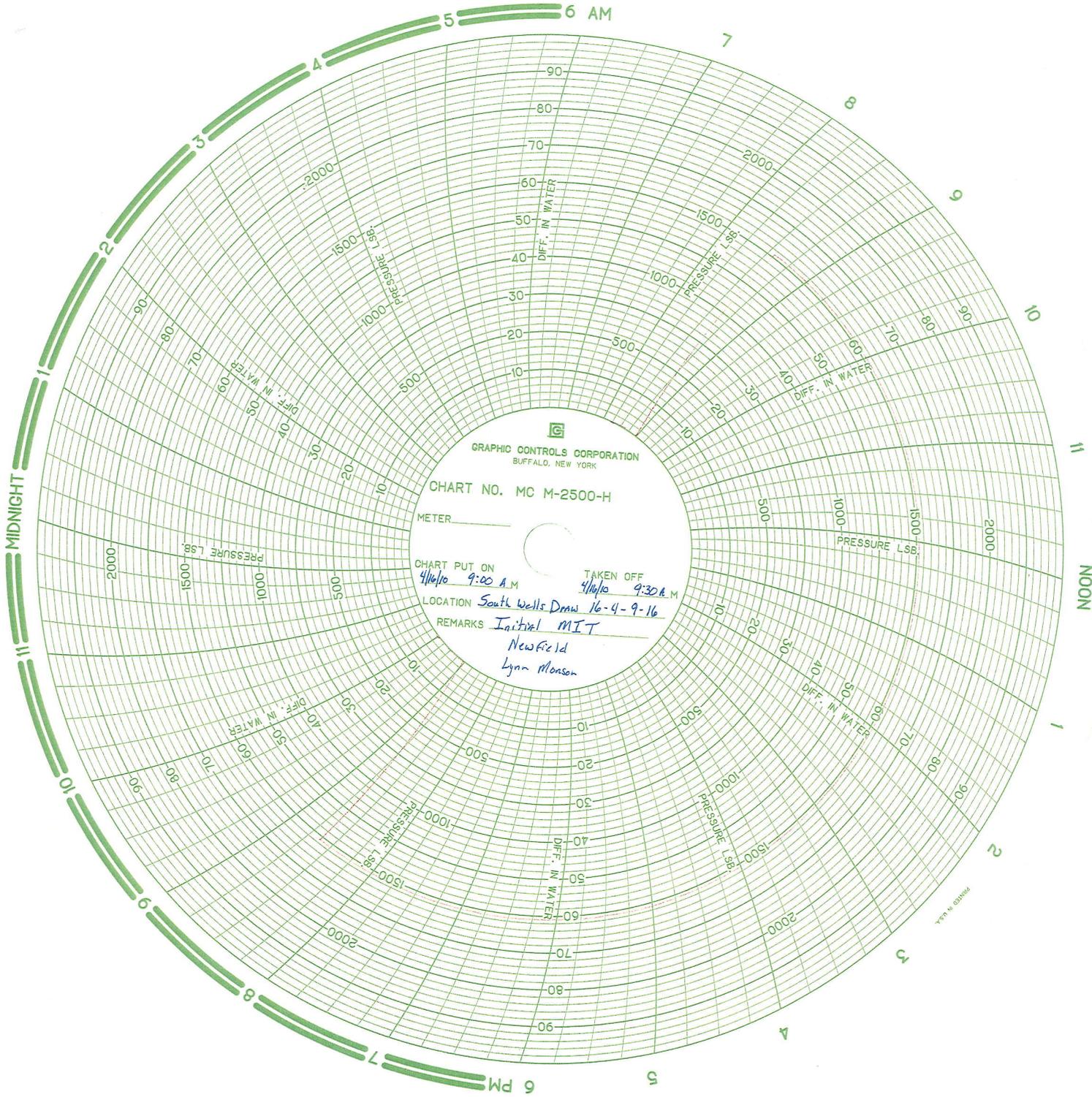
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1520</u>	psig
5	<u>1520</u>	psig
10	<u>1520</u>	psig
15	<u>1520</u>	psig
20	<u>1520</u>	psig
25	<u>1520</u>	psig
30 min	<u>1520</u>	psig
35	<u>—</u>	psig
40	<u>—</u>	psig
45	<u>—</u>	psig
50	<u>—</u>	psig
55	<u>—</u>	psig
60 min	<u>—</u>	psig

Tubing pressure: 0 psig

Result: Pass Fail

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

Signature of Person Conducting Test: Lynn Manson



GRAPHIC CONTROLS CORPORATION  
BUFFALO, NEW YORK

CHART NO. MC M-2500-H

METER \_\_\_\_\_

CHART PUT ON  
4/16/10 9:00 A.M.

TAKEN OFF  
4/16/10 9:30 A.M.

LOCATION South Wells Draw 16-4-9-16

REMARKS Initial MIT  
Newfield  
Lynn Manson

MADE IN U.S.A.



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

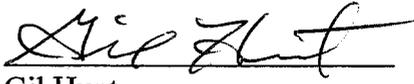
## UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-353

**Operator:** Newfield Production Company  
**Well:** South Wells Draw 16-4-9-16  
**Location:** Section 4, Township 9 South, Range 16 East  
**County:** Duchesne  
**API No.:** 43-013-32110  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on August 20, 2009.
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,155' – 5,703')
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:   
Gil Hunt  
Associate Director

4-27-10  
Date

GLH/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\Wells Draw



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

5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-77338
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: GMBU
8. WELL NAME and NUMBER: S WELLS DRAW 16-4-9-16
9. API NUMBER: 4301332110
10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT

**SUNDRY NOTICES AND REPORTS ON WELLS**

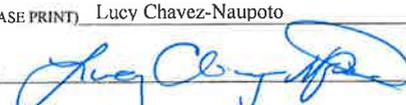
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, recenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052	PHONE NUMBER 435.646.3721
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 751 FSL 713 FEL COUNTY: DUCHESNE OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESE, 4, T9S, R16E STATE: UT	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will <u>05/11/2010</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Put on Injection
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
The above reference well was put on injection at 1:30 PM on 5-11-2010.

NAME (PLEASE PRINT) <u>Lucy Chavez-Naupoto</u>	TITLE <u>Administrative Assistant</u>
SIGNATURE 	DATE <u>05/12/2010</u>

(This space for State use only)

**RECEIVED**  
**MAY 17 2010**  
DIV. OF OIL, GAS & MINING

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-77338
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Water Injection Well		<b>8. WELL NAME and NUMBER:</b> S WELLS DRAW 16-4-9-16
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>9. API NUMBER:</b> 43013321100000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0751 FSL 0713 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 04 Township: 09.0S Range: 16.0E Meridian: S		<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: 3/19/2015	<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="5 YR MIT"/>

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

On 03/16/2015 Richard Powell with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 03/19/2015 the casing was pressured up to 1276 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1664 psig during the test. There was a State representative available to witness the test - Mark Jones.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
March 24, 2015**

<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> 3/23/2015	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: Mark L. Jones Date 3/19/15 Time 12:00 am  pm

Test Conducted by: Dustin Bennett

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

Well: South Wells Draw 16-4-9-16 Field: monument Butte

Well Location:  
SE/SE Sec. 4, T9S, R16E

API No: 43-013-32110

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1279.6</u>	psig
5	<u>1279.0</u>	psig
10	<u>1278.2</u>	psig
15	<u>1278.0</u>	psig
20	<u>1277.6</u>	psig
25	<u>1277.0</u>	psig
30 min	<u>1276.4</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

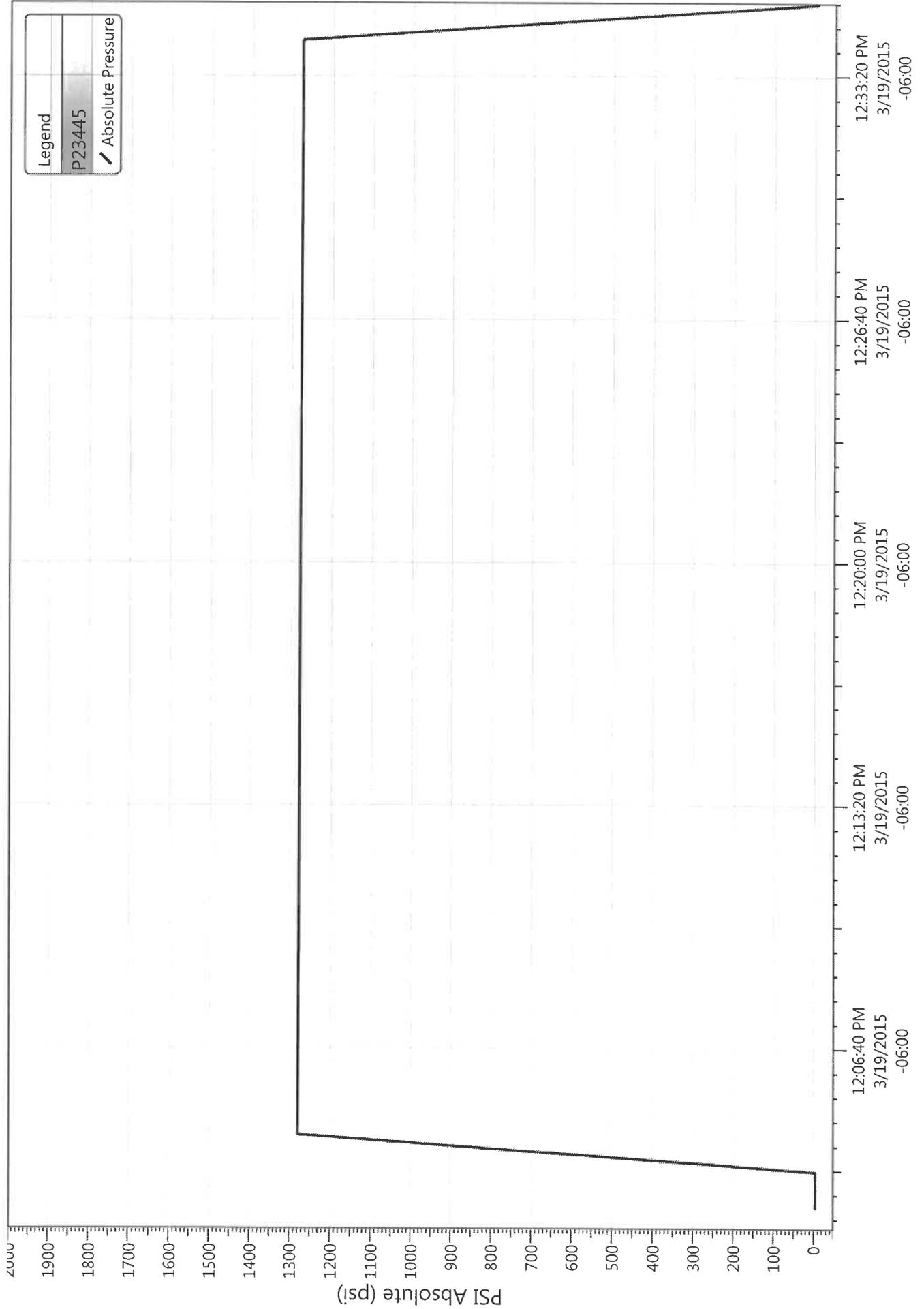
Tubing pressure: 1664 psig

Result:  Pass  Fail

Signature of Witness: Mark L. Jones

Signature of Person Conducting Test: Dustin Bennett

South Wells Draw 16-4-9-16 (5 yr MIT 3-19-2015)  
3/19/2015 12:01:33 PM



Spud Date: 10/19/99  
 Put on Production: 11/12/99  
 GL: 5733' KB: 5743'

# South Wells Draw 16-4-9-16

Initial Production: 73 BOPD,  
 102 MCFD, 2 BWPD

## SURFACE CASING

CSG SIZE: 8-5.8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts (316.24')  
 DEPTH LANDED: 326.24'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 141 sx Class "G" w/2% CC and 1/4#/sk Celloflake

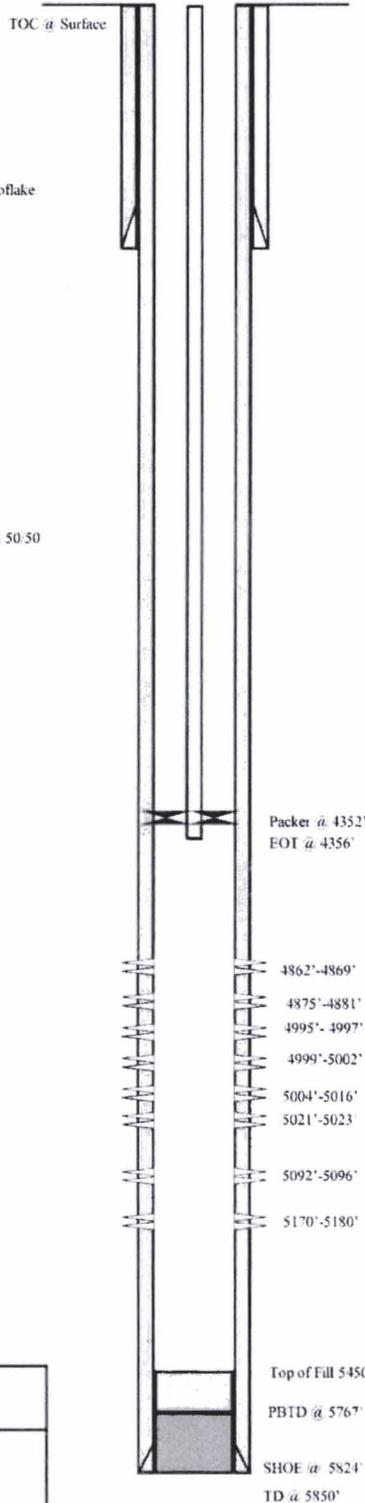
## PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55 and N-80  
 WEIGHT: 15.5#  
 LENGTH: 138 jts (5825.97')  
 DEPTH LANDED: 5823.67'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 270 sx Premium Lite II Modified; and 350 sx 50.50 Poz w/3% KCl, 1/4#/sk cello-flake, 2% gel, .3% SM  
 CEMENT TOP: Surface

## TUBING

SIZE/GRADE/WT: 2-7/8" M-50 / 6.5#  
 NO. OF JOINTS: 140 jts (4337.3')  
 SEATING NIPPLE: 1.10'  
 SN LANDED AT: 4347.3' KB  
 CE @ 4351.63'  
 TOTAL STRING LENGTH: EOT @ 4356' W/ 10' KB

## Injection Wellbore Diagram



## FRAC JOB

11-05-99 5170'-5180' **Frac B-2 sand as follows:**  
 49,263# 20/40 sand in 278 bbls  
 Viking I-25 fluid. Breakdown @ 2443 psi. Treated w/avg press of 2100 psi w/avg rate of 28 BPM. ISIP=4100 psi, 5 min 4000 psi. Bled well off - flowed back est. 5 BTF

11-05-99 4995'-5023' **Frac C sand as follows:**  
 103,822# 20/40 sand in 488 bbls  
 Viking I-25 fluid. Breakdown @ 2249 psi. Treated w/avg press of 2500 psi w/avg rate of 30 BPM. ISIP=4100 psi, 5 min 2621 psi. Flowback @ 1.5 BPM. Recovered 81 BTF in 1-1/2 hrs.

11-06-99 4862'-4881' **Frac D-1 sand as follows:**  
 89,623# 20/40 sand in 485 bbls Viking I-25 fluid. Perfs broke down @ 3118 psi. Treated @ avg pressure of 2100 psi, w/avg. rate of 31 BPM. ISIP 3400 psi, 5 min 2970 psi. Flowed through 12/64" choke @ 1 BPM.

03/26/02 **Pump Change:** Update rod and tubing details.  
 09/23/02 **Pump Change:** Update rod detail.  
 11/15/04 **Pump Change:** Update rod detail.  
 02/25/06 **Pump Change:** Updated rod and tubing detail.  
 03/19/07 **Pump Change:** Updated rod and tubing detail.  
 05/05/09 **Pumping Unit Upgrade:** Updated r & t details.  
 04/14/10 **Convert to Injection well**  
 04/16/10 **MIT Completed - tbg detail updated**

## PERFORATION RECORD

Date	Interval	JSPF	Holes
11-05-99	5170'-5180'	4 JSPF	40 holes
11-05-99	4995'-4997'	4 JSPF	8 holes
11-05-99	4999'-5002'	4 JSPF	12 holes
11-05-99	5004'-5016'	4 JSPF	48 holes
11-05-99	5021'-5023'	4 JSPF	8 holes
11-06-99	4862'-4869'	4 JSPF	28 holes
11-06-99	4875'-4881'	4 JSPF	24 holes
11-11-99	5092'-5096'	4 JSPF	16 holes

**NEWFIELD**

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

751' FSL & 713' FEL

SESE Section 4-19S-R16E

Duchesne Co. Utah

API #43-013-32110; Lease #UIU-77338