

005

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK.				5. LEASE DESIGNATION AND SERIAL NO. <b>UTU-74404</b>
1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N/A</b>
1b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>				7. UNIT AGREEMENT NAME <b>N/A</b>
2. NAME OF OPERATOR <b>Inland Production Company</b>				8. FARM OR LEASE NAME WELL NO. <b>Sundance Federal #14-31-8-18</b>
3. ADDRESS OF OPERATOR <b>Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721</b>				9. API WELL NO. <b>43-047-34287</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At Surface <b>SE/SW 568' FSL 1959' FWL</b> At proposed Prod. Zone				10. FIELD AND POOL OR WILDCAT <b>Eight Mile Flat North</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>Approximately 20.80 miles southeast of Myton, Utah</b>				11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>SE/SW Sec. 31, T8S, R18E</b>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to <b>Approx. 568' f/lse line</b>	16. NO. OF ACRES IN LEASE <b>277.52</b>	17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40</b>		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. <b>Approx. 1172'</b>	19. PROPOSED DEPTH <b>6500'</b>	20. ROTARY OR CABLE TOOLS <b>Rotary</b>		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>4959' GR</b>		22. APPROX. DATE WORK WILL START* <b>3rd Quarter 2003</b>		
23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<b>Refer to Monument Butte Field SOP's Drilling Program/Casing Design</b>				

Inland Production Company proposes to drill this well in accordance with the attached exhibits.

The Conditions of Approval are also attached.

**COPY**

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 *Marcia Corzies* TITLE Regulatory Specialist DATE 4/3/03  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

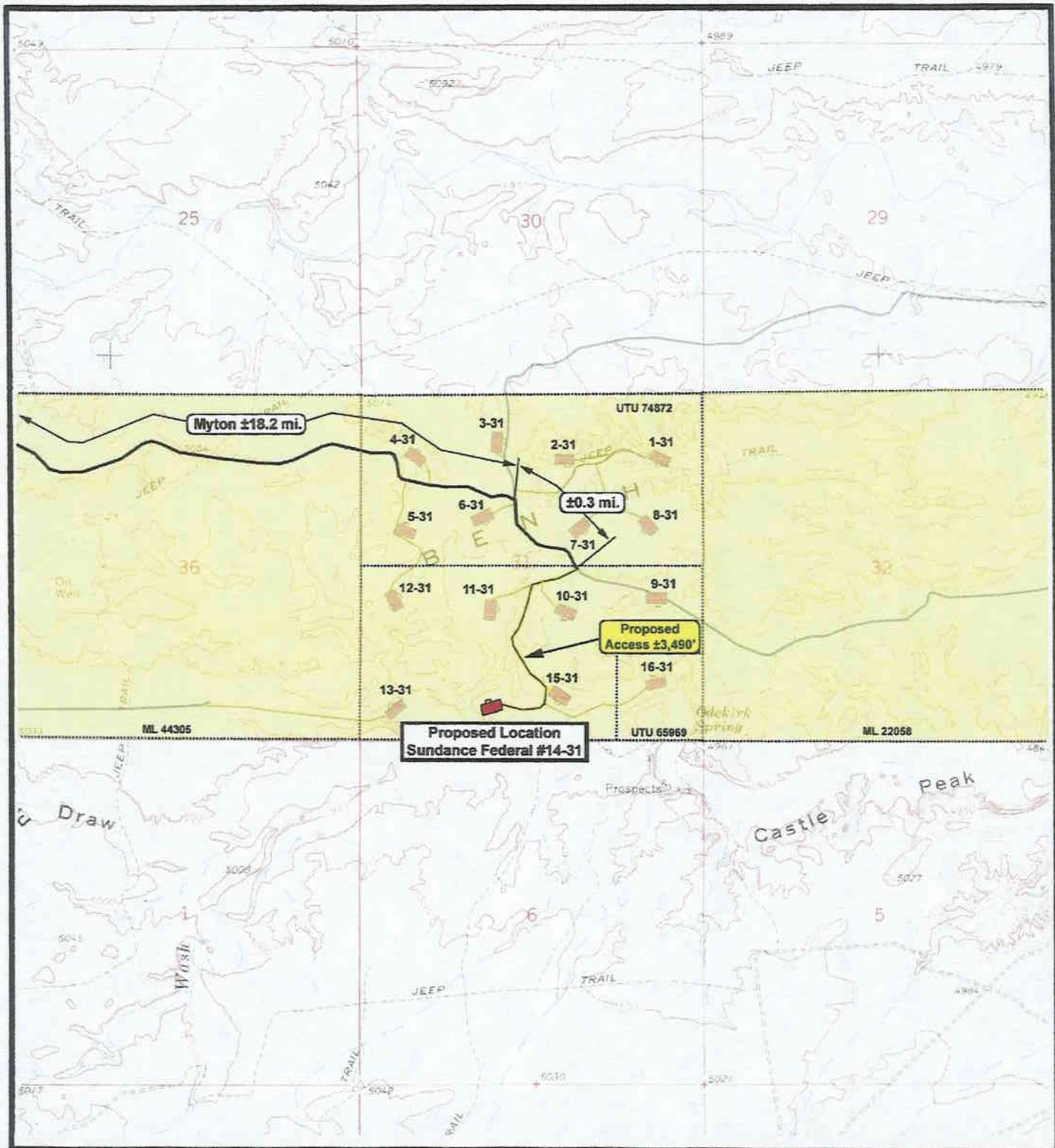
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

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

**\*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.



**Proposed Location  
Sundance Federal #14-31**

**Myton ±18.2 mi.**

**±0.3 mi.**

**Proposed  
Access ±3,490'**

ML 44305

UTU 65969

ML 22058



**Sundance Federal #14-31  
SEC. 31, T8S, R18E, S.L.B.&M.**

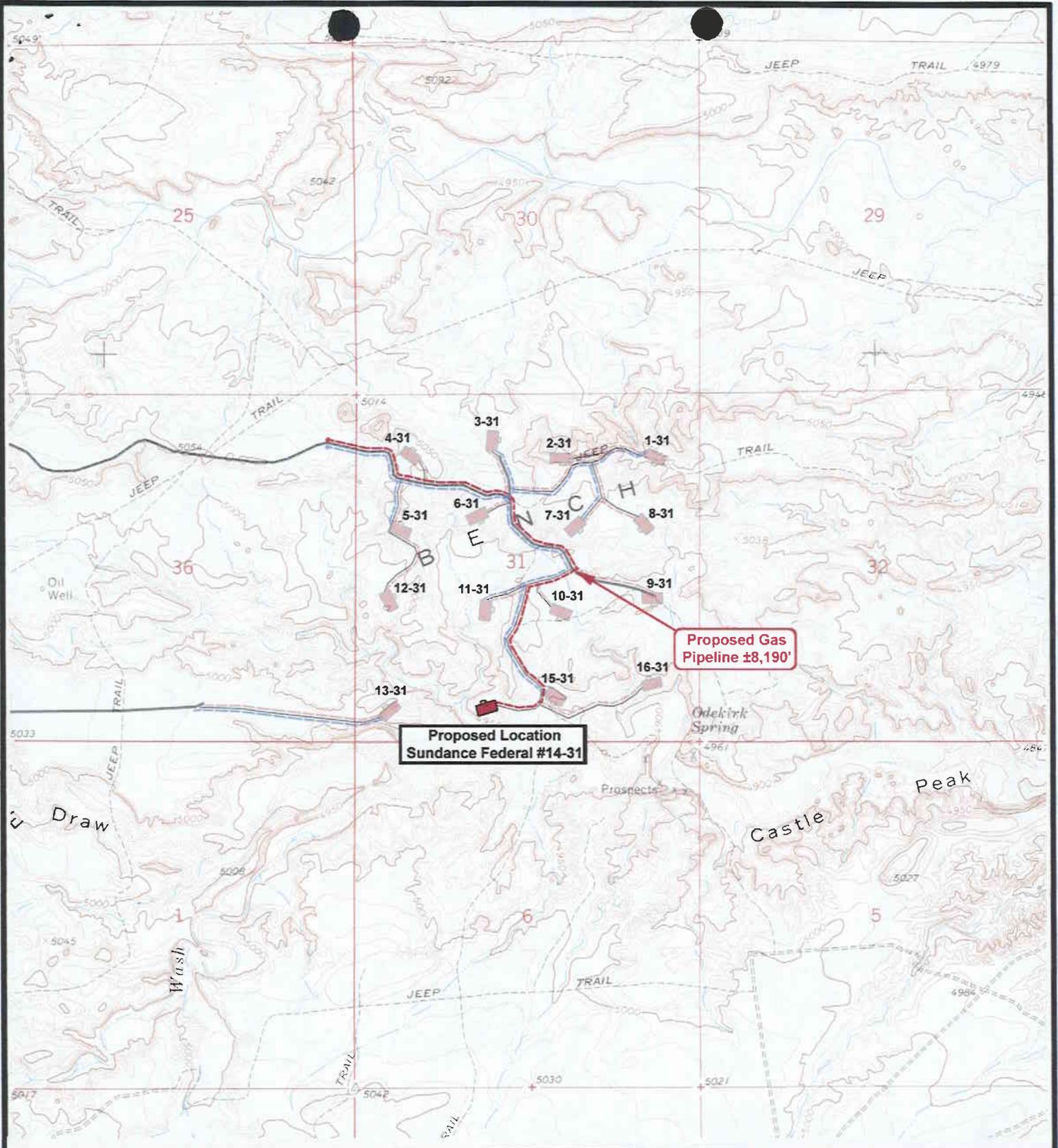


**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: R.A.B.  
DATE: 05-28-2003

Legend	
	Existing Road
	Proposed Access

TOPOGRAPHIC MAP  
**"B"**



Proposed Gas Pipeline ±8,190'

Proposed Location Sundance Federal #14-31



**Sundance Federal #14-31  
SEC. 31, T8S, R18E, S.L.B.&M.**



*Tri-State  
Land Surveying Inc.*  
(435) 781-2501  
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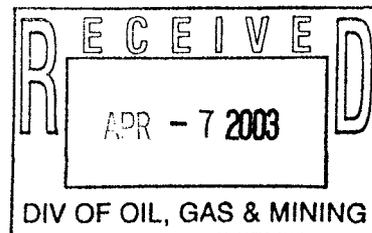
SCALE: 1" = 2,000'  
DRAWN BY: R.A.B.  
DATE: 05-28-2003

**Legend**

-  Roads
-  Proposed Gas Line
-  Proposed Water Line

TOPOGRAPHIC MAP

**"C"**



April 3, 2003

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

RE: Applications for Permit to Drill: Sundance Federal 9-31-8-18, 10-31-8-18,  
and 14-31-8-18.

Dear Diana:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

Mandie Crozier  
Regulatory Specialist

mc  
enclosures

001

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL  DEEPEN

1b. TYPE OF WELL

OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
**Inland Production Company**

3. ADDRESS OF OPERATOR  
**Route #3 Box 3630, Myton, UT 84052** Phone: (435) 646-3721

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At Surface **SE/SW 568' FSL 1959' FWL 4435709Y 40.06867**  
At proposed Prod. Zone **590577X - 109.93785**

5. LEASE DESIGNATION AND SERIAL NO.  
**UTU-74404**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**N/A**

7. UNIT AGREEMENT NAME  
**N/A**

8. FARM OR LEASE NAME WELL NO  
**Sundance Federal #14-31-8-18**

9. API WELL NO.  
**43-047-34287**

10. FIELD AND POOL OR WILDCAT  
**Eight Mile Flat North**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**SE/SW Sec. 31, T8S, R18E**

12. County  
**Uintah**

13. STATE  
**UT**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**Approximately 20.80 miles southeast of Myton, Utah**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to)  
**Approx. 568' f/lse line**

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**Approx. 1172'**

19. PROPOSED DEPTH  
**6500'**

20. ROTARY OR CABLE TOOLS  
**Rotary**

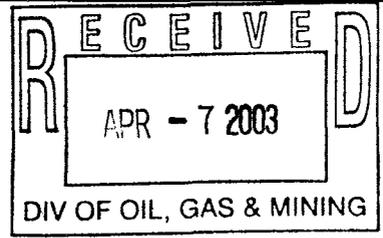
21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**4959' GR**

22. APPROX. DATE WORK WILL START\*  
**3rd Quarter 2003**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Refer to Monument Butte Field SOP's Drilling Program/Casing Design				

Inland Production Company proposes to drill this well in accordance with the attached exhibits.  
The Conditions of Approval are also 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 *Monnie Crozier* TITLE Regulatory Specialist DATE 4/3/03

(This space for Federal or State office use)

PERMIT NO. 43-047-34287

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY *Bradley G. Hill* TITLE BRADLEY G. HILL ENVIRONMENTAL SCIENTIST III DATE 04-08-03

**Federal Approval of this Action is Necessary**

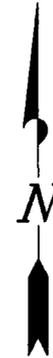
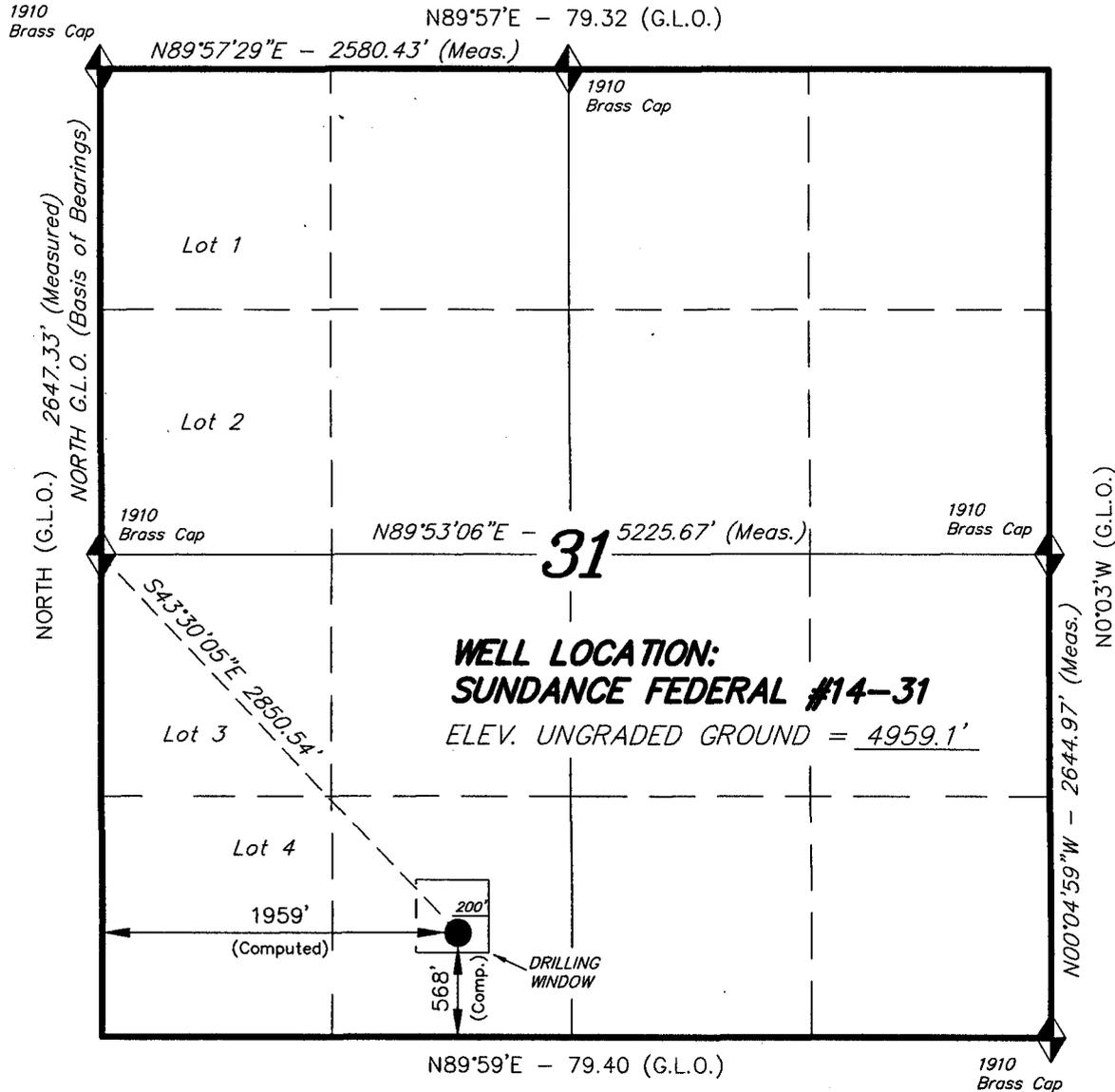
\*See Instructions On Reverse Side

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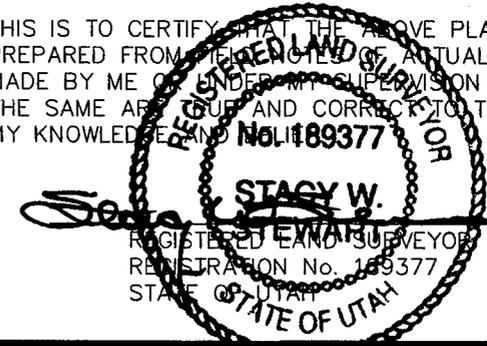
# T8S, R18E, S.L.B.&M.

## INLAND PRODUCTION COMPANY

WELL LOCATION, SUNDANCE FEDERAL #14-31, LOCATED AS SHOWN IN THE SE 1/4 SW 1/4 OF SECTION 31, T8S, R18E, S.L.B.&M. UINTAH COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM THE ORIGINAL SURVEY RECORDS AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



◆ = SECTION CORNERS LOCATED

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

**TRI STATE LAND SURVEYING & CONSULTING**  
38 WEST 100 NORTH - VERNAL, UTAH 84078  
(435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: D.J.S.
DATE: 1-2-02	DRAWN BY: J.R.S.
NOTES:	FILE #

INLAND PRODUCTION COMPANY  
SUNDANCE FEDERAL #14-31-8-18  
SE/SW SECTION 31, T8S, R18E  
UINTAH 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' – 1640'
Green River	1640'
Wasatch	6500'

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

Green River Formation 1640' – 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 "C".

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 2000 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

INLAND PRODUCTION COMPANY  
SUNDANCE FEDERAL #14-31-8-18  
SE/SW SECTION 31, T8S, R18E  
UINTAH 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 Sundance Federal #14-31-8-18 located in the SE 1/4 SW 1/4 Section 31, T8S, R18E, Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 13.8 miles  $\pm$  to its junction with an existing road to the north; proceed northerly - 0.3 miles  $\pm$  to its junction with an existing road to the northeast; proceed northeasterly - 5.1 miles  $\pm$  to its junction with the beginning of the proposed access road; proceed southerly along the proposed access road - 3,440'  $\pm$  to the proposed well location.

2. PLANNED ACCESS ROAD

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

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

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 "A".

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.

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).

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 Resource Survey for this area is attached.

The Paleontological Resource Survey will be forthcoming.

Inland Production Company requests a 60' ROW for the Sundance Federal #14-31-8-18 to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."**

**Water Disposal**

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

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

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

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

Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #14-31-8-18 SE/SW Section 31, Township 8S, Range 18E: Lease UTU-74404 Uintah 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.

4/3/03  
Date

Mandie Crozier  
Mandie Crozier  
Regulatory Specialist

Well No.: Sundance Federal 14-31-8-18

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Sundance Federal 14-31-8-18

API Number:

Lease Number: UTU-74404

Location: SE/SW Sec. 31, T8S R18E

**SURFACE USE PROGRAM**  
**CONDITIONS OF APPROVAL**

**CULTURAL RESOURCES**

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

**PALEONTOLOGICAL RESOURCES**

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

**SOILS, WATERSHEDS, AND FLOODPLAINS**

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

**WILDLIFE AND FISHERIES**

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

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

**FERRUGINOUS HAWK:** Due to this proposed well location's proximity (less than 0.5 mile) to an existing inactive ferruginous hawk nest site, no new construction or surface disturbing activities will be allowed between February 1 and May 30. If the nest remains inactive on May 30<sup>th</sup> (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location after that date. If the nest site becomes active prior to May 30, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

**LOCATION AND RESERVE PIT RECLAMATION**

During construction of the reserve pit, a small amount of topsoil shall be stockpiled nearby, to be spread over the reserve pit area at the time the reserve pit is reclaimed.

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

The following seed mixture will be used on the topsoil stockpile, the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Gardner saltbush	<i>Atriplex gardneri</i>	3 lbs/acre
Galletta grass	<i>Hilaria jamesii</i>	3 lbs/acre
Indian ricegrass	<i>Oryzopsis hymenoides</i>	3 lbs/acre
Bahia	<i>Bahia ourolepis</i>	3 lbs/acre

The reserve pit shall be reclaimed immediately after drilling operations have ceased. The pit shall be reclaimed by: 1) removing all liquids and any oily debris according to Utah Division of Oil, Gas, & Mining pit closure rules; 2) perforating and folding the liner in place (if a pit liner is used); 3) recontouring the surface; 4) broadcasting the seed over the recontoured surface; and 5) walking the surface of the pit with a dozer to plant the seed.

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.

### **PIPELINES**

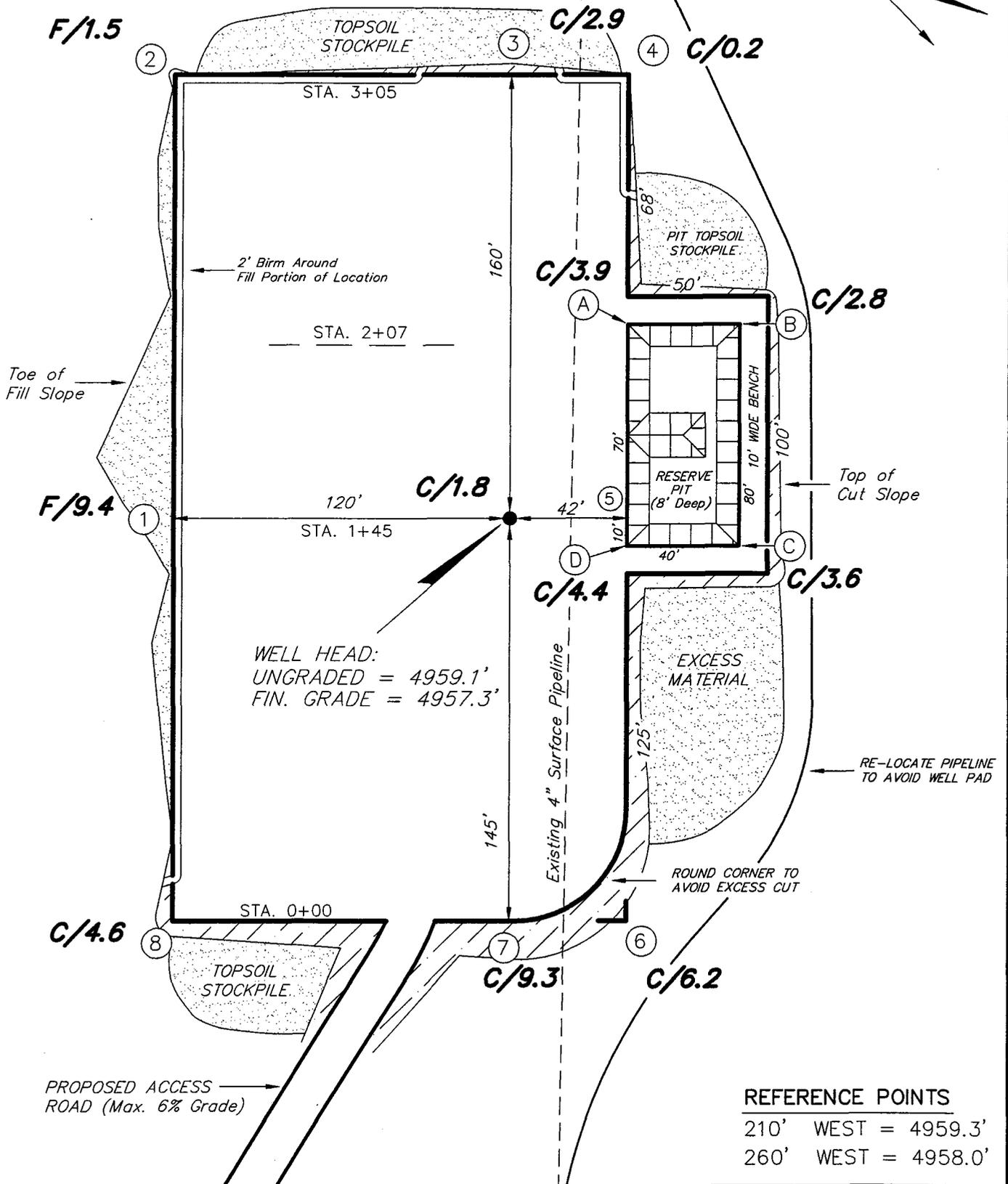
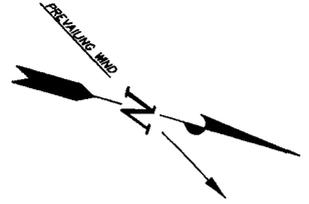
Installation of a surface gas pipeline and/or any subsequent buried gas or water pipelines will follow the conditions of approval outlined above.

Except as specified in the APD, the installation of the surface gas line and any subsequent buried pipelines will follow the edge of the existing roadways without interfering with the normal travel and maintenance of the roadway.

The installation of any buried pipelines will disturb as little surface as possible and will not exceed 60 feet in width. Reclamation of the disturbance area associated with buried pipelines will be completed within 10 days after installation. The surface will be recontoured to natural or near natural contours. Reseeding will be with the same seed mixture specified for reclamation of the reserve pit and well site. The interface of the buried line disturbance area and the edge of any adjacent access roads will be constructed with a borrow ditch and road berm to minimize vehicular travel along the water line route.

# INLAND PRODUCTION COMPANY

SUNDANCE FEDERAL #14-31  
SEC. 31, T8S, R18E, S.L.B.&M.



SURVEYED BY: D.J.S.

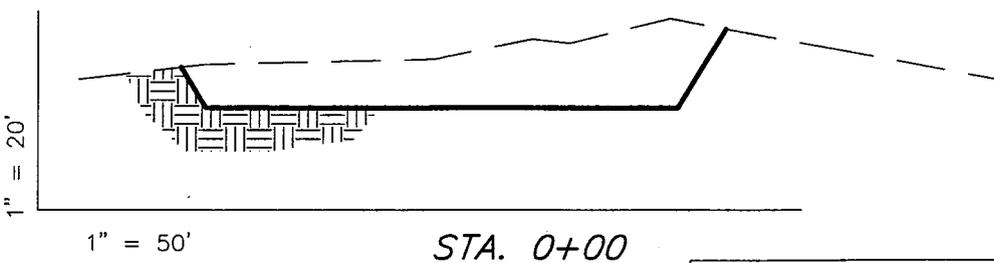
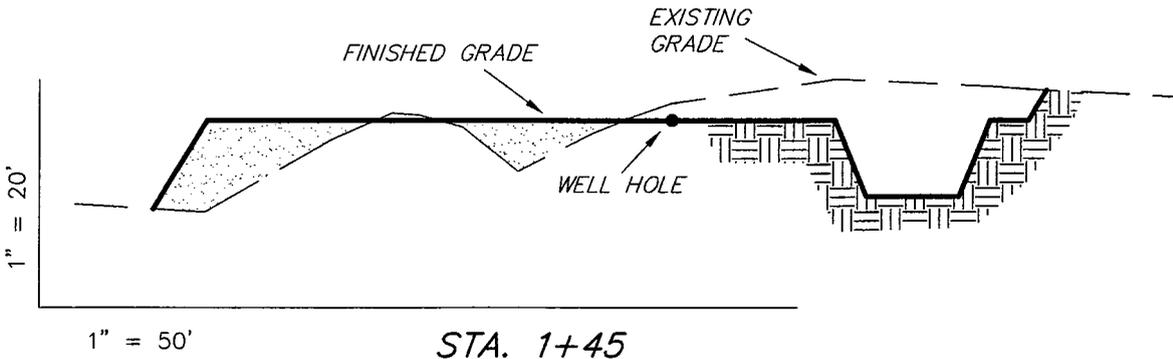
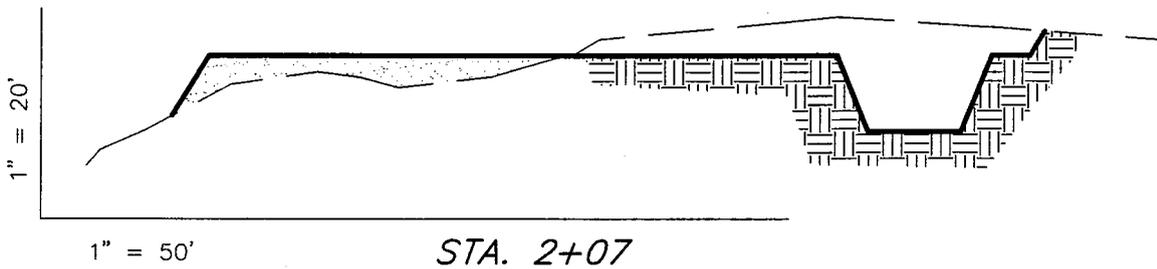
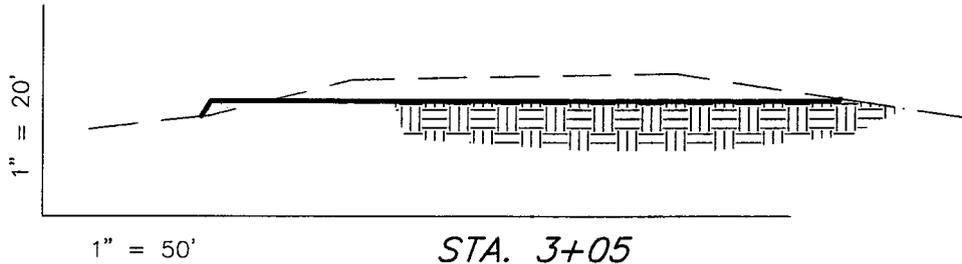
SCALE: 1" = 50'

DRAWN BY: J.R.S.

DATE: 1-2-02

**Tri State**  
Land Surveying, Inc.  
38 WEST 100 NORTH VERNAL, UTAH 84078  
(435) 781-2501

**INLAND PRODUCTION COMPANY**  
**CROSS SECTIONS**  
**SUNDANCE FEDERAL #14-31**



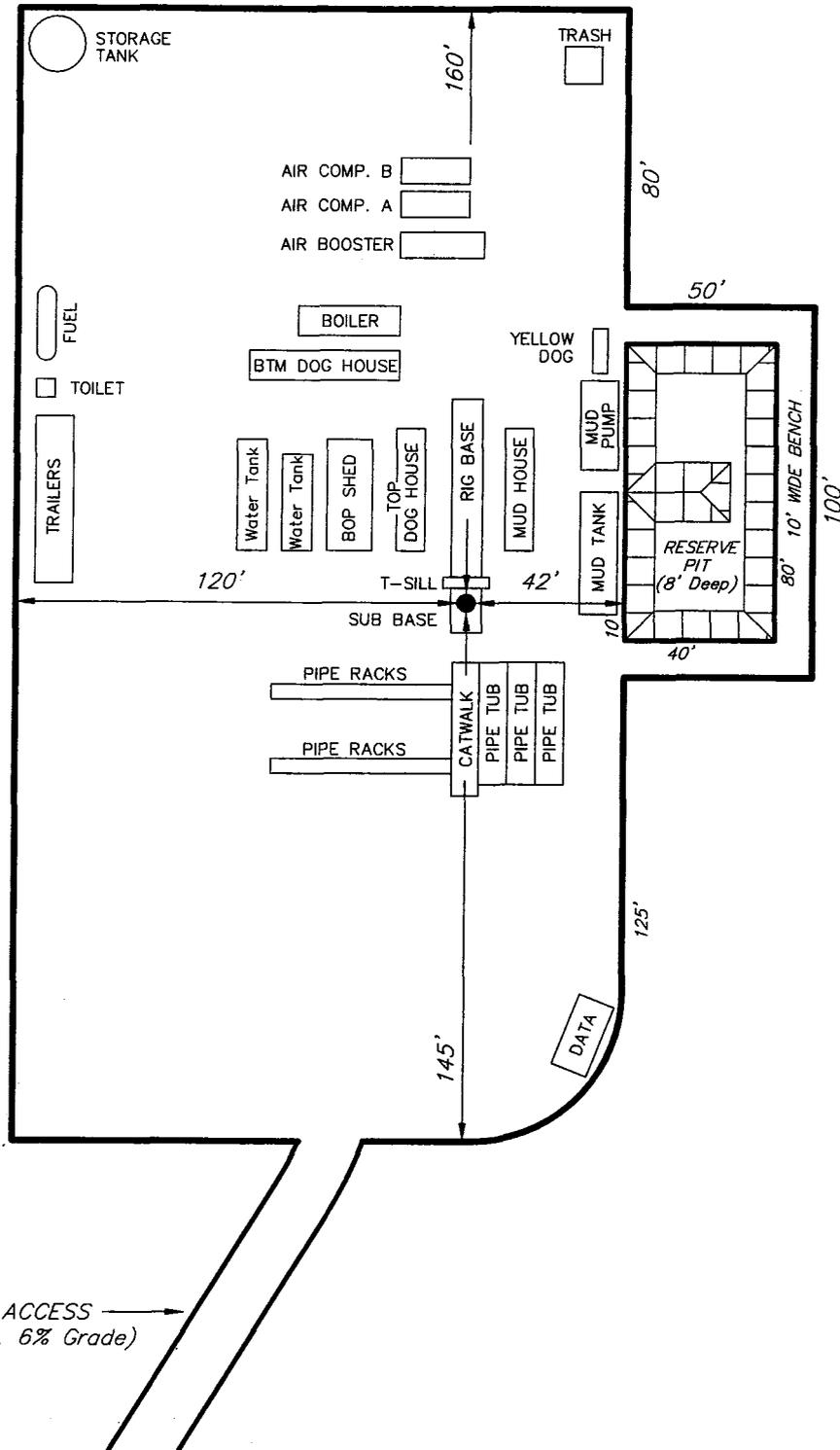
NOTE:  
 UNLESS OTHERWISE NOTED  
 ALL CUT/FILL SLOPES ARE  
 AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES				
(Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	4,990	1,980	Topsoil is not included in Pad Cut	3,010
PIT	640	0		640
<b>TOTALS</b>	<b>5,630</b>	<b>1,980</b>	<b>1,010</b>	<b>3,650</b>

SURVEYED BY: D.J.S.	SCALE: 1" = 50'
DRAWN BY: J.R.S.	DATE: 1-2-02

**Tri State** (435) 781-2501  
 Land Surveying, Inc.  
 38 WEST 100 NORTH VERNAL, UTAH 84078

**INLAND PRODUCTION COMPANY**  
**TYPICAL RIG LAYOUT**  
**SUNDANCE FEDERAL #14-31**



PROPOSED ACCESS ROAD (Max. 6% Grade)

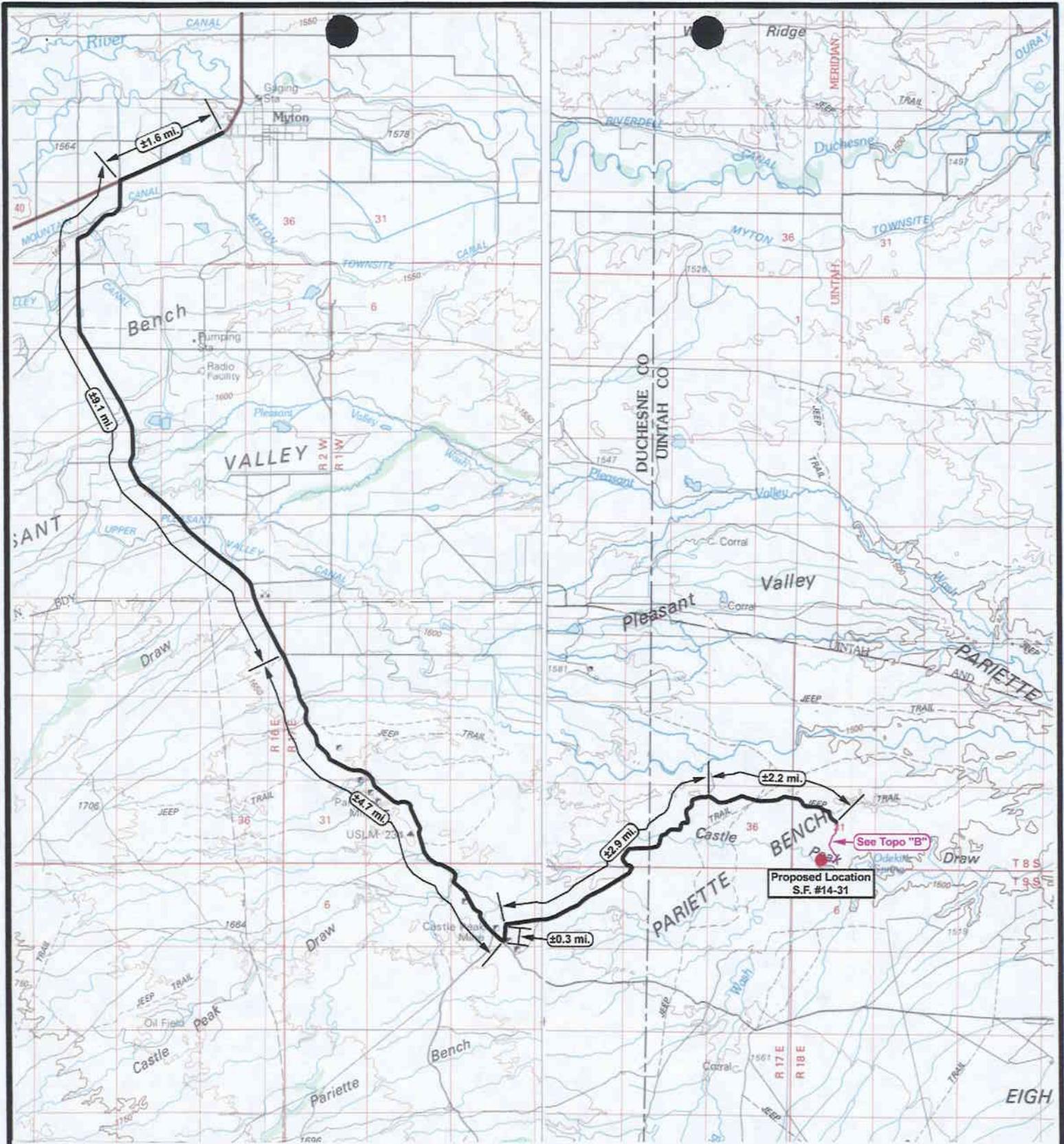
SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

DATE: 1-2-02

**Tri State**  
 Land Surveying, Inc. (435) 781-2501  
 38 WEST 100 NORTH VERNAL, UTAH 84078



**Sundance Federal #14-31  
SEC. 31, T8S, R18E, S.L.B.&M.**



**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 100,000'

DRAWN BY: D.J.

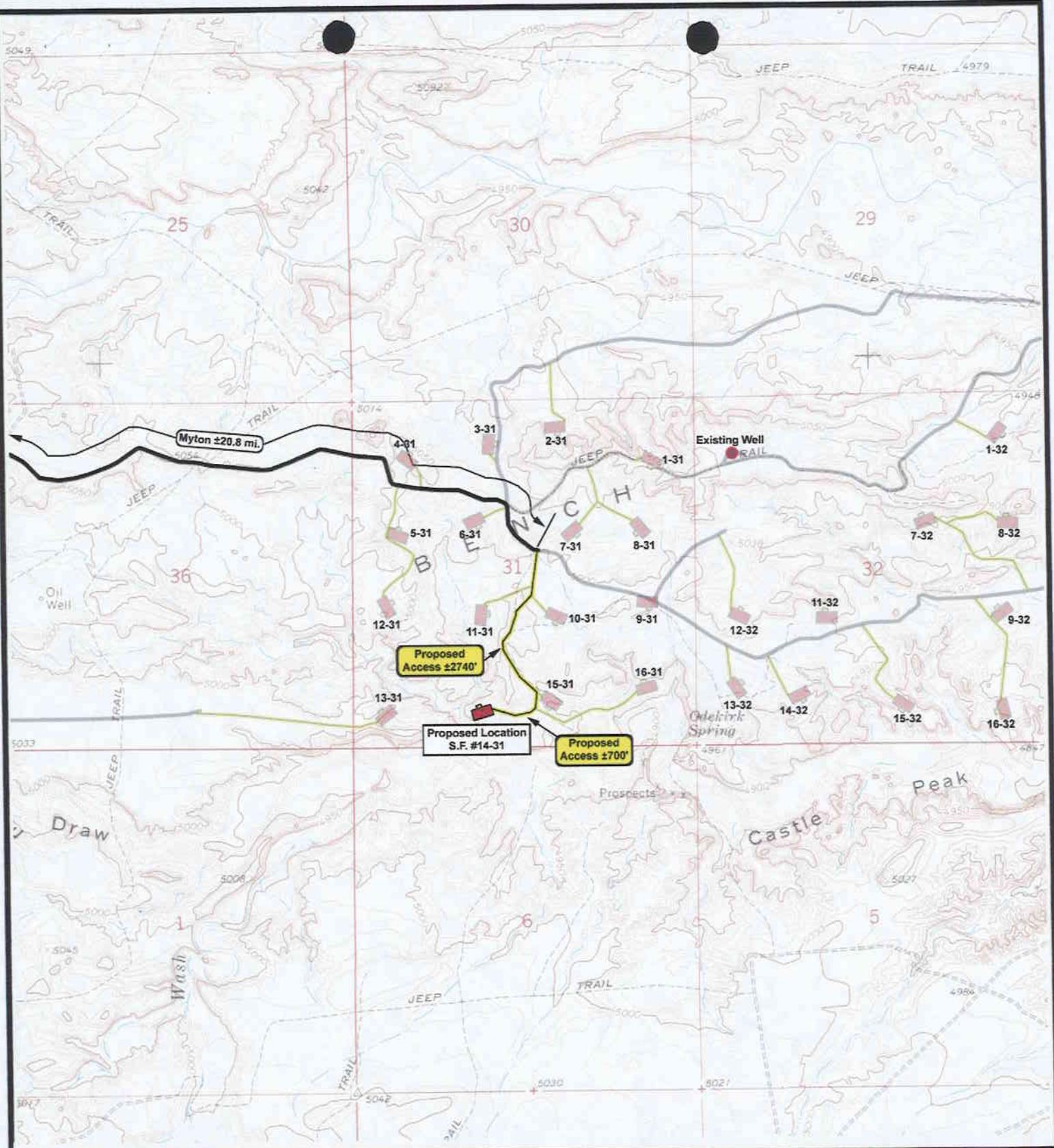
DATE: 01-02-2002

**Legend**

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

**"A"**



**Sundance Federal #14-31  
SEC. 31, T8S, R18E S.L.B.&M.**

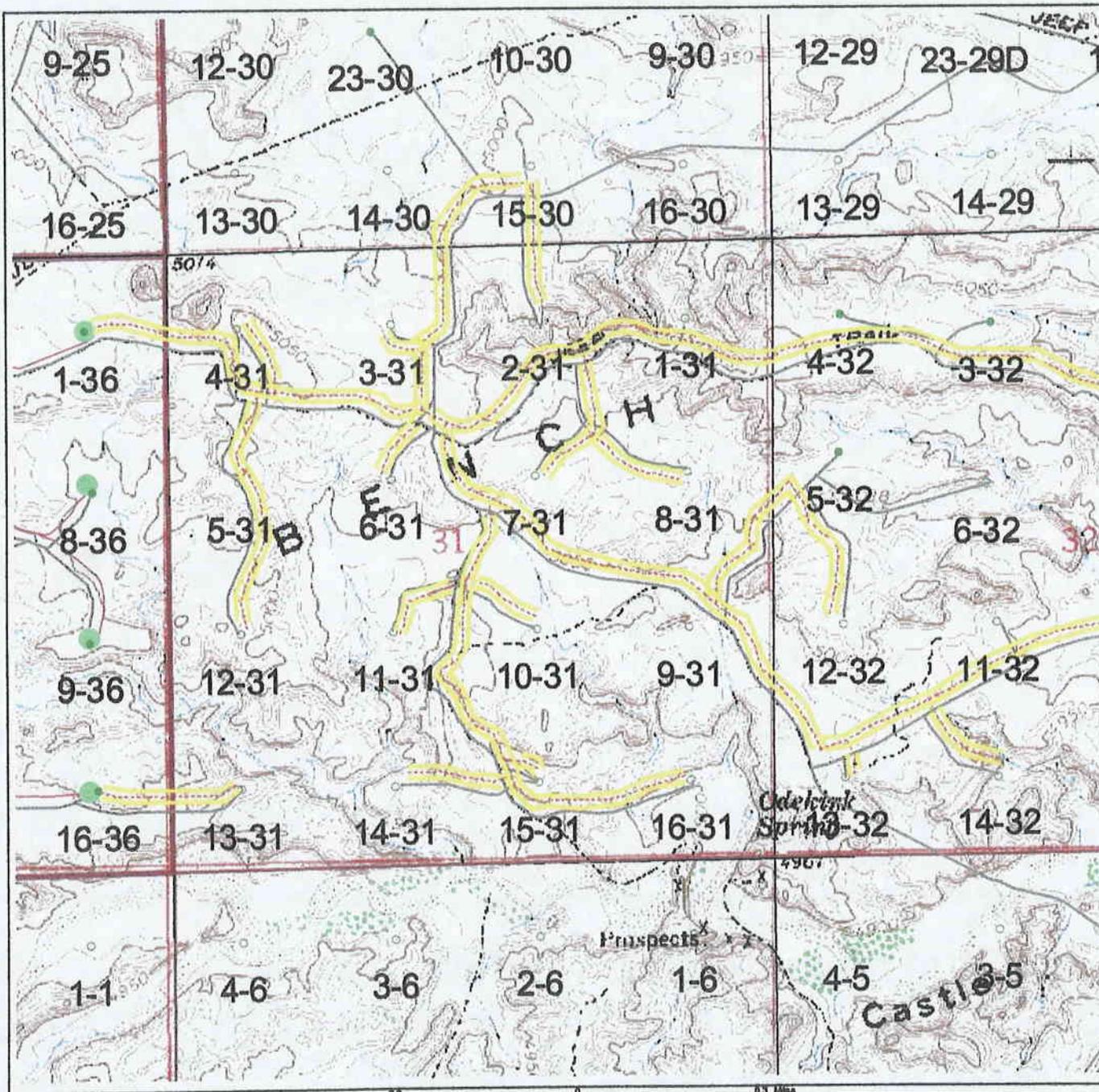


**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 2000'  
DRAWN BY: D.J.  
DATE: 01-02-2002

Legend	
	Existing Road
	Proposed Access
	Access to be Upgraded

TOPOGRAPHIC MAP  
**"B"**



Gas Line ROW

○ Pending Approval

● ROW Approved

■ Compressor Stations

Gas Pipelines

10"

8" Source Line

8" Proposed

4" Source Line

4" Proposed

Gas Buried

Petroglyph Gas Line

Questar Gas Line

Compressors - Other

Fuel Gas Meters

Roads (Digitized)

Paved

Dirt

Proposed

Two Track

Private



Topographic Map C  
T8S-R18E-31



410 65th Street, Suite 200  
Denver, Colorado 80234  
Phone: (303) 493-8822

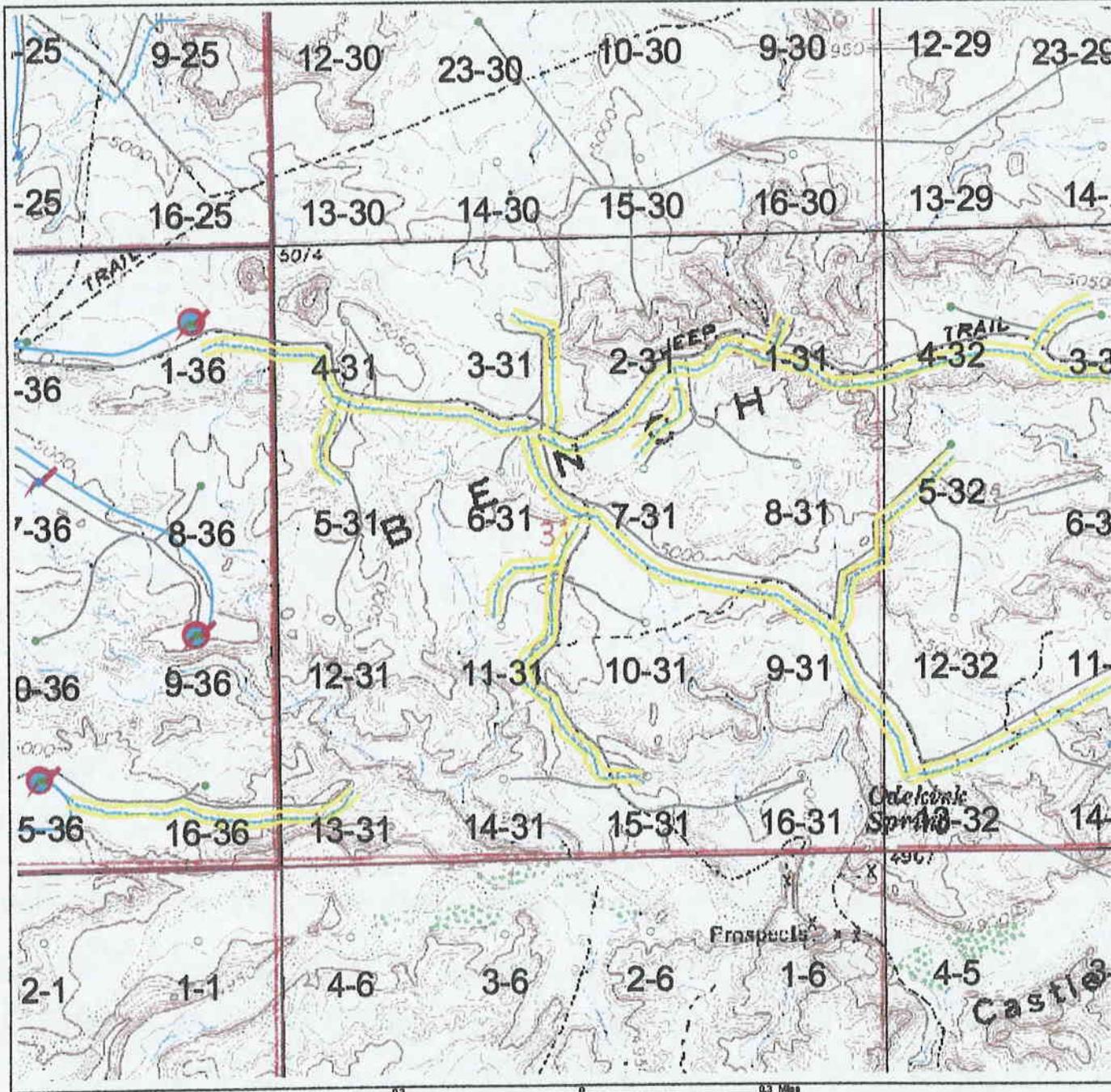
Gas Pipeline Map

1111A BARN, H PAH

Duckworth & Lindell Consulting, LLC

Jan 24, 2002

January 24, 2002



- Water Taps
- 2001 Injection Conversion Program
- Waterline ROW**
- Pending Approval
- ROW Approved
- Water Injection Permits**
- Pending Approval
- Permit Approved
- Water Source 8 Inch
- Water Source 4 Inch
- Water 4 Inch - High Pressure
- Water 4 Inch Poly
- Water High Pressure 2 to 3 Inch
- Proposed High Pressure Water
- Injection Stations
- Pump Stations
- Roads (Digitized)**
- Paved
- Dirt
- Proposed
- Two Track
- Private



Topographic Map C  
T8S-R18E-31

410 E. Stone Suite 700  
Denver, Colorado 80202  
Phone (303) 934-1902

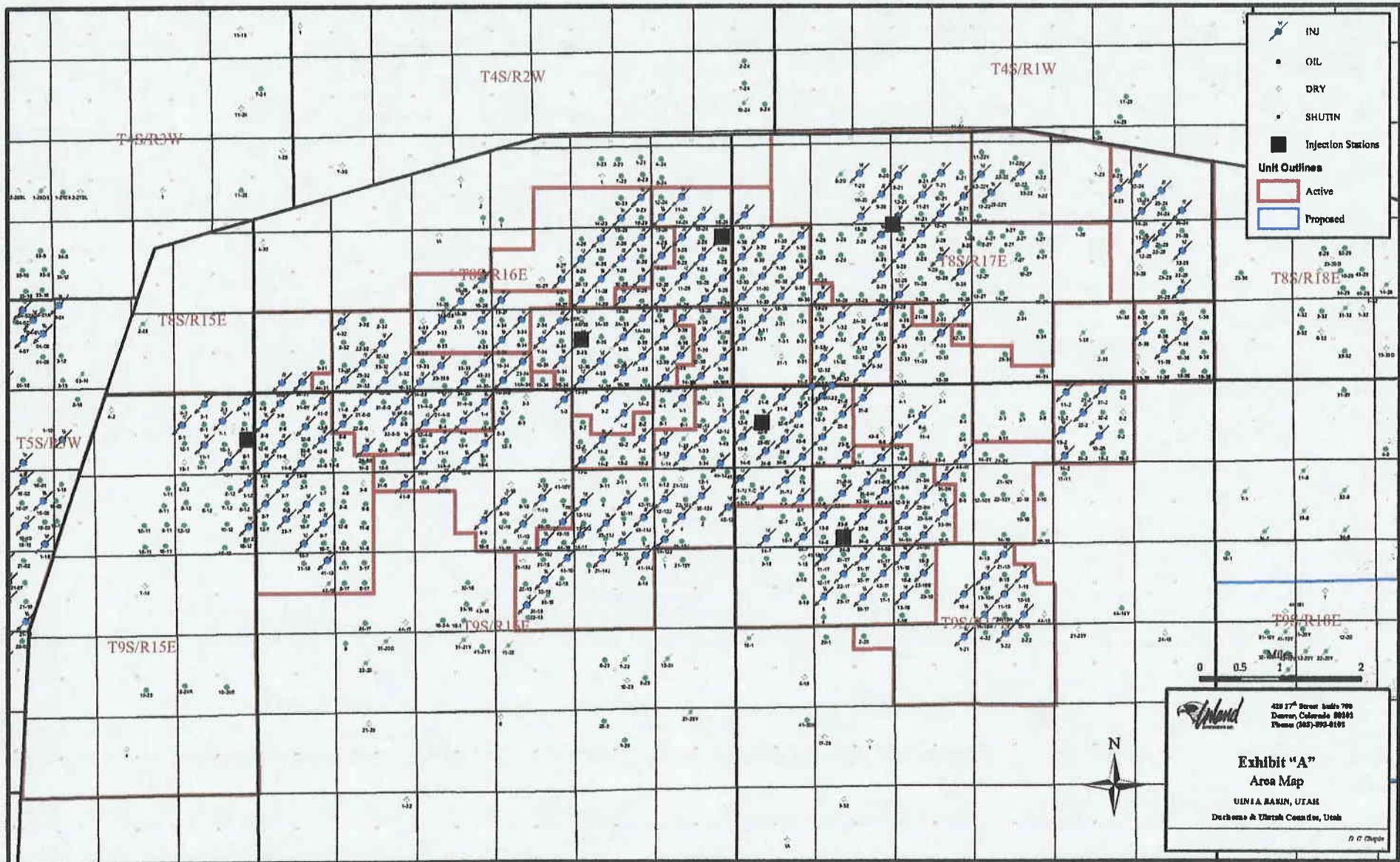
**Water Pipeline Map**

LINTA BASIN, UTAH

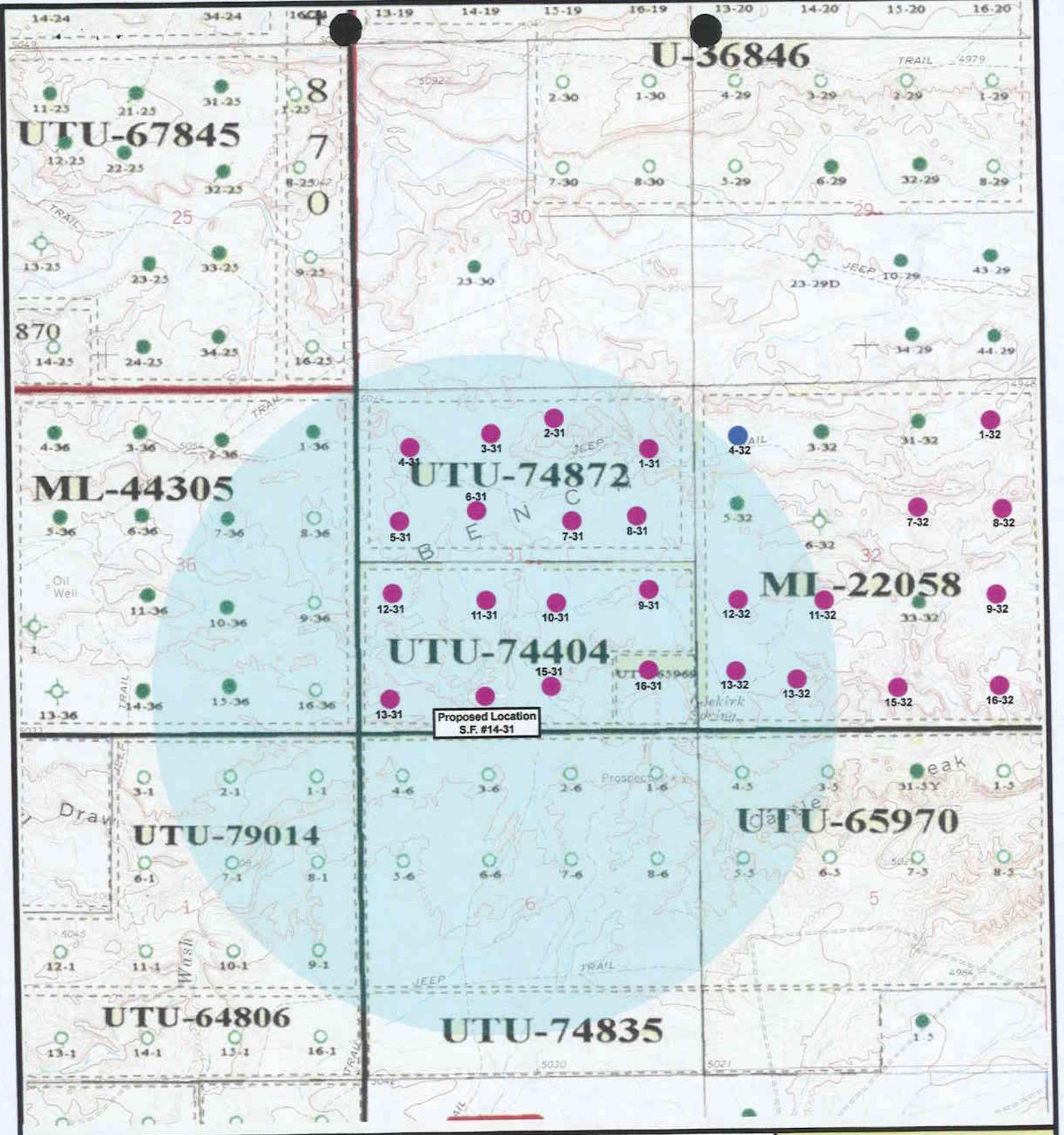
Duckwater & Ute Indian Council, Ute

Date: August

January 24, 2002



January 15, 2003



Proposed Location  
S.F. #14-31



**Sundance Federal #14-31  
SEC. 31, T8S. R18E, S.L.B.&M.**



**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 2000'  
DRAWN BY: D.J.  
DATE: 01-02-2002

- Legend**
- Existing Wells
  - Proposed Locations
  - One Mile Radius

**Exhibit  
"B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

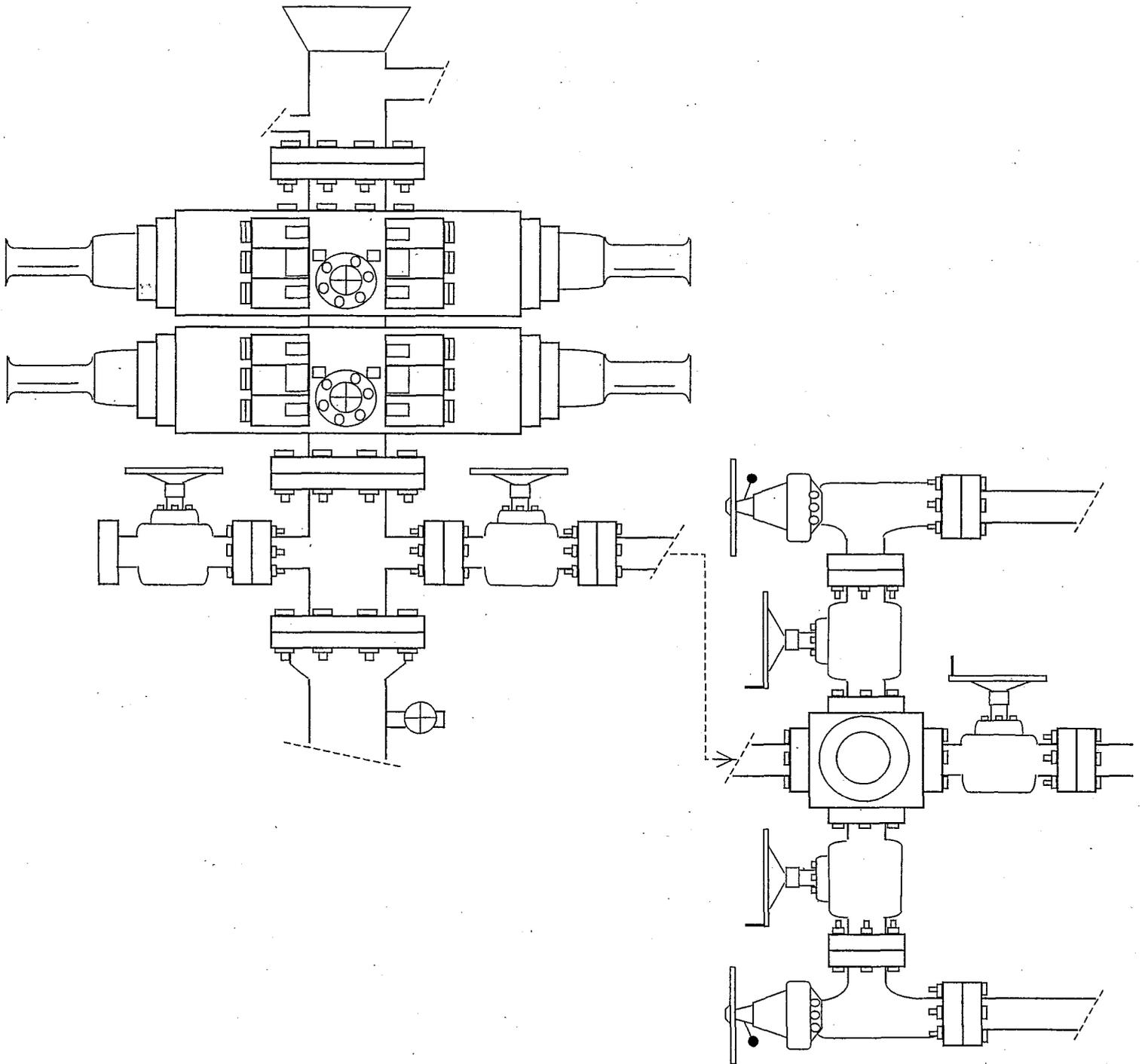


EXHIBIT C

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/07/2003

API NO. ASSIGNED: 43-047-34287

WELL NAME: SUNDANCE FED 14-31-8-18  
OPERATOR: INLAND PRODUCTION ( N5160 )  
CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SESW 31 080S 180E  
SURFACE: 0568 FSL 1959 FWL  
BOTTOM: 0568 FSL 1959 FWL  
UINTAH  
8 MILE FLAT NORTH ( 590 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal  
LEASE NUMBER: UTU-74404  
SURFACE OWNER: 1 - Federal  
PROPOSED FORMATION: GRRV

LATITUDE: 40.06867  
LONGITUDE: 109.93785

RECEIVED AND/OR REVIEWED:

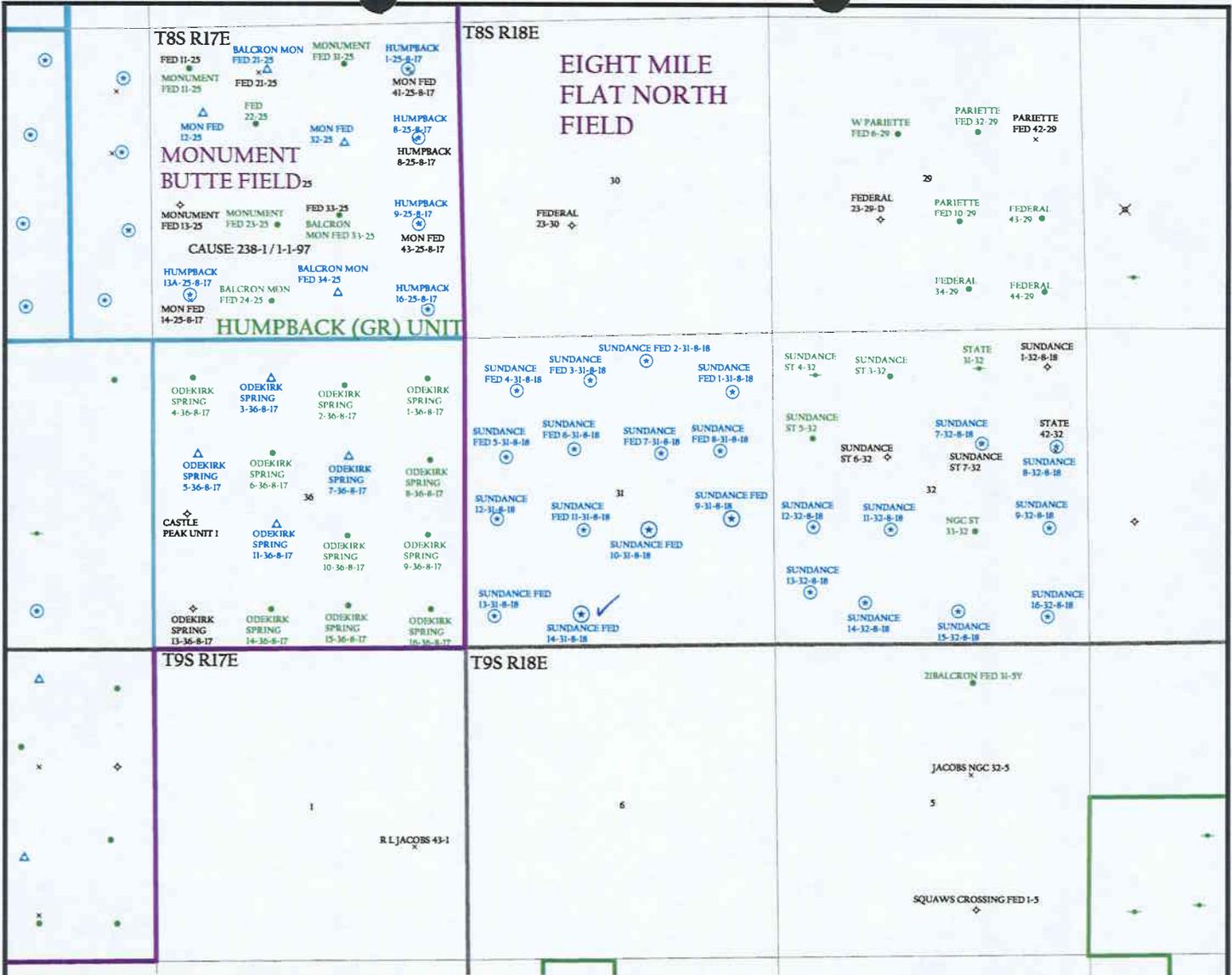
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. 4488944 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. MUNICIPAL )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

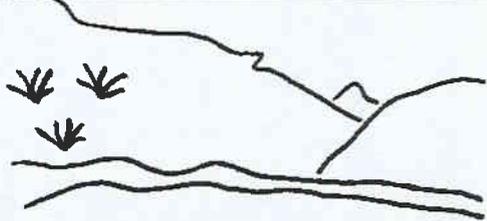
- \_\_\_ R649-2-3.
- Unit \_\_\_\_\_
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- \_\_\_ R649-3-3. Exception
- \_\_\_ Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_
- \_\_\_ R649-3-11. Directional Drill

COMMENTS: Sep, Separate file

STIPULATIONS: 1- Federal approval  
2- Spacing/Slip



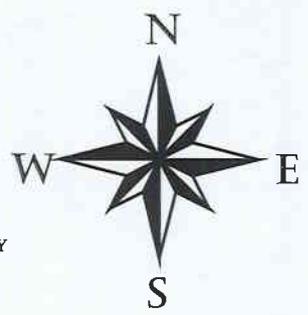
OPERATOR: INLAND PRODUCTION (N5160)  
 SEC. 31 T8S, R18E  
 FIELD: EIGHT MILE FLAT NORTH (590)  
 COUNTY: UINTAH  
 SPACING: R649-3-2 / GENERAL SITING



Utah Oil Gas and Mining

- | WELLS | UNIT STATUS  |
|-------|--------------|
| ↗     | EXPLORATORY  |
| ○     | GAS STORAGE  |
| *     | NF PP OIL    |
| ⊙     | NF SECONDARY |
| ◇     | PENDING      |
| ◆     | PI OIL       |
| ●     | PP GAS       |
| •     | PP GEOTHERML |
| ◊     | PP OIL       |
| ◌     | SECONDARY    |
| ×     | TERMINATED   |
| ◦     |              |
| △     |              |
| ◆     |              |
| ↘     |              |

- | FIELD STATUS |                 |
|--------------|-----------------|
| ⬜            | ABANDONED       |
| ⬜            | ACTIVE          |
| ⬜            | COMBINED        |
| ⬜            | INACTIVE        |
| ⬜            | PROPOSED        |
| ⬜            | STORAGE         |
| ⬜            | TERMINATED      |
| ⬜            | COUNTY BOUNDARY |
| ⬜            | SECTION LINES   |
| ⬜            | TOWNSHIP LINES  |



PREPARED BY: DIANA MASON  
 DATE: 8-APRIL-2003



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 telephone  
(801) 359-3940 fax  
(801) 538-7223 TTY  
www.nr.utah.gov

Michael O. Leavitt  
Governor  
Robert L. Morgan  
Executive Director  
Lowell P. Braxton  
Division Director

April 8, 2003

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

Re: Sundance Federal 14-31-8-18 Well, 568' FSL, 1959' FWL, SE SW, Sec. 31, T. 8 South,  
R. 18 East, Uintah 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 43-047-34287.

Sincerely,

A handwritten signature in black ink, appearing to read "John R. Baza".

John R. Baza  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

**Operator:** Inland Production Company  
**Well Name & Number** Sundance Federal 14-31-8-18  
**API Number:** 43-047-34287  
**Lease:** UTU-74404

**Location:** SE SW                      **Sec.** 31                      **T.** 8 South                      **R.** 18 East

### Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.



PRODUCTION COMPANY  
A Subsidiary of Inland Resources Inc.

June 13, 2003

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

RE: Amended Applications for Permit to Drill Wells No: 1-31-8-18, 7-31-8-18,  
8-31-8-18, 10-31-8-18, 11-31-8-18, and 14-31-8-18.

Dear Diana:

Enclosed find the amended Topographic Map "B" and Topographic Map "C" on the above mentioned locations. Since submission there have been some topographic changes on the proposed access roads as well as the proposed gas and water lines. Please replace the maps originally submitted with the revised maps that I have enclosed. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

Mandie Crozier  
Regulatory Specialist

enclosures

RECEIVED

JUN 16 2003

DIV. OF OIL, GAS & MINING



## 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



# United States Department of the Interior



## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>

IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

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

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



October 3, 2003

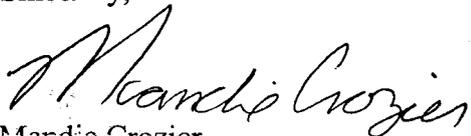
Bureau of Land Management  
Attn: Byron Tolman  
170 South 500 East  
Vernal, Utah 84078-2799

RE: Amended Well Name on Application for Permit to Drill: 9-31-8-18, 10-31-8-18, and 14-31-8-18.

Dear Byron:

Enclosed find the amended Form 3160-3 for the above mentioned APD's. We would like to amend the well name from Sundance Federal to Federal. No other information on the APD has changed. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

  
Mandie Crozier  
Regulatory Specialist

cc: State of Utah DOGM

enclosures

OCT 06 2003

006

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK <b>DRILL</b> <input type="checkbox"/> <b>DEEPEN</b> <input checked="" type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>UTU-74404</b>	
1b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR <b>Inland Production Company</b>		7. UNIT AGREEMENT NAME N/A	
3. ADDRESS OF OPERATOR <b>Route #3 Box 3630, Myton, UT 84052</b> Phone: (435) 646-3721		8. FARM OR LEASE NAME WELL NO. <b>Federal #14-31-8-18</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At Surface <b>SE/SW 568' FSL 1959' FWL</b> At proposed Prod. Zone		9. API WELL NO. <b>43-047-34287</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>Approximately 20.80 miles southeast of Myton, Utah</b>		10. FIELD AND POOL OR WILDCAT <b>Eight Mile Flat North</b>	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to <b>Approx. 568' f/lease line</b> )	16. NO. OF ACRES IN LEASE <b>277.52</b>	17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40</b>	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. <b>Approx. 1172'</b>	19. PROPOSED DEPTH <b>6500'</b>	20. POTARY OR CABLE TOOLS <b>Rotary</b>	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>4959' GR</b>		22. APPROX. DATE WORK WILL START* <b>3rd Quarter 2003</b>	
23. PROPOSED CASING AND CEMENTING PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT-FOOT	SETTING DEPTH
Refer to Monument Butte Field SOP's Drilling Program/Casing Design			
QUANTITY OF CEMENT			

Inland Production Company proposes to drill this well in accordance with the attached exhibits.

The Conditions of Approval are also 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 *Mandi Coxin* TITLE Regulatory Specialist DATE 10/3/03

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

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

\*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.

FILED

OCT 06 2003

DIV. 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

-007

**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.

UTU-74404

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Sundance  
FEDERAL 14-31-8-18

9. API Well No.

43-047-34287

10. Field and Pool, or Exploratory Area

8 MILE FLAT NORTH

11. County or Parish, State

UINTAH COUNTY, UT.

*SUBMIT IN TRIPLICATE*

1. Type of Well

Oil Well  Gas Well  Other

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)

568 FSL 1959 FWL SE/SW Section 31, T8S R18E

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 Permit Extension

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

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

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

Inland Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 4/8/03 (expiration 4/8/04).

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 04-12-04  
By: *[Signature]*

RECEIVED

APR 09 2004

DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR  
Date: 04-13-04  
Initials: *[Signature]*

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

Signed

*[Signature]*  
Mandie Crozier

Title

Regulatory Specialist

Date

4/8/2004

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-047-34287  
**Well Name:** Federal 14-31-8-18  
**Location:** SE/SW Section 31, T8S R18E  
**Company Permit Issued to:** Inland Production Company  
**Date Original Permit Issued:** 4/8/2003

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes  No  NA

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes  No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes  No

Has the approved source of water for drilling changed? Yes  No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes  No

Is bonding still in place, which covers this proposed well? Yes  No

Mandi Crezies  
Signature

4/8/2004  
Date

Title: Regulatory Specialist

Representing: Inland Production Company

**OPERATOR CHANGE WORKSHEET**

**009**

Change of Operator (Well Sold)

Designation of Agent/Operator

**ROUTING**

1. GLH
2. CDW
3. FILE

**X Operator Name Change**

**Merger**

The operator of the well(s) listed below has changed, effective:		<b>9/1/2004</b>
<b>FROM: (Old Operator):</b> N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	<b>TO: (New Operator):</b> N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	

**CA No. Unit:**

**WELL(S)**

NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
HANCOCK 14-23-4-1	23	040S	010W	4304733080	12331	Fee	OW	P	
HANCOCK 11-23-4-1	23	040S	010W	4304733081	12355	Fee	OW	P	
HANCOCK 4-26-4-1	26	040S	010W	4304733082	12492	Fee	OW	P	
ODEKIRK SPRINGS 1A-35-8-17	35	080S	170E	4304733549	12909	Federal	OW	P	
ODEKIRK SPRINGS 15-35-8-17	35	080S	170E	4304733550	13094	Federal	OW	P	
ODEKIRK SPRING 13-36-8-17	36	080S	170E	4304733076	12420	State	D	PA	
SUNDANCE FED 14-31-8-18	31	080S	180E	4304734287		Federal	OW	APD	K
FEDERAL 1-31-8-18	31	080S	180E	4304734494	13927	Federal	OW	P	K
FEDERAL 2-31-8-18	31	080S	180E	4304734495	13959	Federal	OW	OPS	K
SUNDANCE 7-32-8-18	32	080S	180E	4304734458	13987	State	OW	P	K
SUNDANCE 8-32-8-18	32	080S	180E	4304734459	14047	State	OW	P	K
SUNDANCE 9-32-8-18	32	080S	180E	4304734460	13988	State	OW	OPS	K
SUNDANCE 11-32-8-18	32	080S	180E	4304734461	13962	State	OW	P	K
SUNDANCE 12-32-8-18	32	080S	180E	4304734462	14031	State	OW	P	K
SUNDANCE 13-32-8-18	32	080S	180E	4304734463	13964	State	OW	P	K
SUNDANCE 14-32-8-18	32	080S	180E	4304734464	14046	State	OW	P	K
SUNDANCE 15-32-8-18	32	080S	180E	4304734465	13978	State	OW	P	K
SUNDANCE 16-32-8-18	32	080S	180E	4304734466	14028	State	OW	OPS	K
FEDERAL 2-6-9-18	06	090S	180E	4304734013		Federal	OW	APD	K
FEDERAL 3-6-9-18	06	090S	180E	4304734425		Federal	OW	APD	K

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE

6b. Inspections of LA PA state/fee well sites complete on: waived

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

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: na/

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

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005

3. Bond information entered in RBDMS on: 2/28/2005

4. Fee/State wells attached to bond in RBDMS on: 2/28/2005

5. Injection Projects to new operator in RBDMS on: 2/28/2005

6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

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

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

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

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

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

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*

The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

008

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.  
**UTU-74404**

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

7. If Unit or CA, Agreement Designation  
**N/A**

8. Well Name and No.  
**FEDERAL 14-31-8-18**

9. API Well No.  
**43-047-34287**

10. Field and Pool, or Exploratory Area  
**8 MILE FLAT NORTH**

11. County or Parish, State  
**UINTAH COUNTY, UT.**

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

**NEWFIELD 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)

**568 FSL 1959 FWL SE/SW Section 31, T8S R18E**

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

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

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

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

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 4/8/03 (expiration 4/12/05).

This APD has not yet been approved by the BLM.

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

Date: 4-16-05  
By: [Signature]

COPIES SENT TO OPERATOR  
DATE: 4-14-05  
INITIALS: GH

**RECEIVED**  
**APR 11 2005**  
DIV. OF OIL, GAS & MINING

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

Signed Mandie Crozier Title Regulatory Specialist Date 4/7/2005

Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

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

Conditions of approval, if any:

CC: Utah DOGM

RESET

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-047-34287  
**Well Name:** Federal 14-31-8-18  
**Location:** SE/SW Section 31, T8S R18E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 4/8/2003

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes  No  NA

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes  No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes  No

Has the approved source of water for drilling changed? Yes  No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes  No

Is bonding still in place, which covers this proposed well? Yes  No

Manchito Cruz  
Signature

4/7/2005  
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED  
APR 11 2005  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

**UTU-74404**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**SUNDANCE**

8. Well Name and No.

**FEDERAL 14-31-8-18**

9. API Well No.

**43-047-34287**

10. Field and Pool, or Exploratory Area

**8 MILE FLAT NORTH**

11. County or Parish, State

**UINTAH COUNTY, UT.**

**SUBMIT IN TRIPLICATE**

1. Type of Well

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

2. Name of Operator

**NEWFIELD 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)

**568 FSL 1959 FWL SE/SW Section 31, T8S R18E**

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> 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>Permit Extension</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.)\*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 4/8/03 (expiration 4/8/06).

This APD has not been approved yet by the BLM.

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

Date: 04-05-06

By: [Signature]

4-14-06  
C#D

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

Signed

[Signature: Mandie Crozier]  
Mandie Crozier

Title

Regulatory Specialist

Date

3/31/2006

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

**RECEIVED**

**APR 04 2006**

Date

Coordination of approval, if any

DIV. OF OIL, GAS & MINING



**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-047-34287  
**Well Name:** Federal I4-31-8-18  
**Location:** SE/SW Section 31, T8S R18E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 4/8/2003

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes  No  NA

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes  No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes  No

Has the approved source of water for drilling changed? Yes  No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes  No

Is bonding still in place, which covers this proposed well? Yes  No

  
Signature

4/3/2006  
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED

APR 04 2006

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-74404
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Sundance
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Sundance Federal 14-31-8-18
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-047-34287
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/SW 2004' FSL 1986' FWL At proposed prod. zone SE/SW 660' FSL 1932' FWL		10. Field and Pool, or Exploratory Eight Mile Flat
14. Distance in miles and direction from nearest town or post office* Approximatley 18.8 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area NE/SW Sec. 31, T8S R18E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 660' f/lse, 1932' f/unit	16. No. of Acres in lease 277.52	17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1570'	19. Proposed Depth 6230'	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4980' GL	22. Approximate date work will start* 3rd Quarter 2007	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- |   |  |
|---|--|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan.   | 5. Operator certification.   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 3/29/07
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 04-23-07
Title ENVIRONMENTAL MANAGER	Office ENVIRONMENTAL MANAGER	

Application approval does not warrant or certify the 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, are attached.

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 or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

RECEIVED

MAR 30 2007

DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR  
Date: 4/23/07  
Initials: [Signature]

Federal Approval of this  
Action Is Necessary

Surf  
590586X  
44361574  
40.072699  
-109.937684

BHL  
590571X  
44357474  
40.069013  
-109.937922



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

April 4, 2007

### Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2007 Plan of Development Sundance Unit, Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are being permitted as directional wells. They were originally permitted as vertical wells. Most of the wells were permitted prior to the approval of the Sundance Unit. However Sundance Fed 8-5-9-18 and the Sundance Fed 16-31-8-18 were reviewed in our memo of November 7, 2005. The wells are planned for calendar year 2007 within the Sundance Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-047-37390	Sundance Fed 8-5-9-18	Sec 05 T09S R18E 2131 FNL 1953 FEL
	BHL	Sec 05 T09S R18E 1985 FNL 0661 FEL
43-047-34013	Sundance Fed 2-6-9-18	Sec 06 T09S R18E 2546 FNL 1890 FEL
	BHL	Sec 06 T09S R18E 0661 FNL 1977 FEL
43-047-34425	Sundance Fed 3-6-9-18	Sec 06 T09S R18E 1926 FNL 1874 FWL
	BHL	Sec 06 T09S R18E 0661 FNL 1939 FWL
43-047-34935	Sundance Fed 8-6-9-18	Sec 06 T09S R18E 1716 FSL 0940 FEL
	BHL	Sec 06 T09S R18E 1986 FNL 0659 FEL
43-047-34287	Sundance Fed 14-31-8-18	Sec 31 T08S R18E 2004 FSL 1986 FWL
	BHL	Sec 31 T08S R18E 0660 FSL 1932 FWL
43-047-37388	Sundance Fed 16-31-8-18	Sec 31 T08S R18E 0678 FSL 2216 FEL
	BHL	Sec 31 T08S R18E 0661 FSL 0659 FEL
43-047-36016	Sundance Fed 13A-33-8-18	Sec 33 T08S R18E 2044 FSL 0773 FWL
	BHL	Sec 33 T08S R18E 0663 FSL 0660 FWL

**NEWFIELD PRODUCTION COMPANY  
SUNDANCE FEDERAL #14-31-8-18  
AT PROPOSED ZONE: SE/SW SECTION 31, T8S, R18E  
AT SURFACE: NE/SW SECTION 31, T8S, R18E  
UINTAH 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' – 2260'
Green River	2260'
Wasatch	6230'

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

Green River Formation 2260' – 6230' - 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 "C".

**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.

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

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY  
SUNDANCE FEDERAL #14-31-8-18  
AT PROPOSED ZONE: SE/SW SECTION 31, T8S, R18E  
AT SURFACE: NE/SW SECTION 31, T8S, R18E  
UINTAH COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

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

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Newfield Production Company well location site Sundance Federal #14-31-8-18 located in the NE 1/4 SW 1/4 Section 31, T8S, R18E, Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 11.8 miles  $\pm$  to it's junction with an existing road to the north; proceed northerly - 0.3 miles  $\pm$  to it's junction with an existing road to the northeast; proceed northeasterly - 4.8 miles  $\pm$  to existing 11-31-8-18 well location.

**2. PLANNED ACCESS ROAD**

The proposed well will be drilled directionally off of the existing 11-31-8-18 well pad. See Topographic Map "B" for the location of the proposed access road.

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

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

It is proposed that this well will be drilled directionally off of the existing 11-31-8-18 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Sundance Federal 14-31-8-18. All permanent surface equipment will be painted Carlsbad Canyon.

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

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

**6. SOURCE OF CONSTRUCTION MATERIALS**

The proposed Sundance Federal 14-31-8-18 will be drilled off of the existing 11-31-8-18 well pad. No additional surface disturbance will be required for this location.

**7. METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

**8. ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

**Water Disposal**

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

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

**Threatened, Endangered, And Other Sensitive Species**

**Golden Eagle:** Due to this proposed well access roads proximity (less than 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between February 1 and July 15. If the nest remains inactive on July 15<sup>th</sup> (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location between July 15 and February 1 of the following year. If the nest site becomes active prior to July 15, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

**Great Horned Owl:** Due to the proximity of the location to active great horned owl nest, there is the potential to encounter nesting great horned owls between February 1 and July 15. If new construction or surface disturbing activities are scheduled between February 1 and July 15, pre-construction surveys will be conducted to detect the presence of nesting great horned owls within 0.5 mile of any new construction or surface disturbing activity (see Vernal BLM Field Office Protocol). No new construction or surface disturbing activities will be allowed between February 1 and July 15 within a 0.5 mile radius of any active great horned owl nest.

**Ferruginous Hawk:** Due to this proposed well location's proximity (less than 0.5 mile) to an existing inactive ferruginous hawk nest site, no new construction or surface disturbing activities will be allowed between March 1 and July 31. If the nest remains inactive on May 30<sup>th</sup> (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location after that date. If the nest site becomes active prior to May 30, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

**Reserve Pit Liner**

A 16 mil liner is required. Please refer to the Monument Butte Field SOP.

**Location and Reserve Pit Reclamation**  
Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Indian Ricegrass	<i>Oryzopsis Hymenoides</i>	4 lbs/acre
Galletta Grass	<i>Hilaria Jamesii</i>	4 lbs/acre

**Details of the On-Site Inspection**

The proposed Sundance Federal #14-31-8-18 was on-sited on 11/15/06. The following were present; Dave Allred (Newfield Production), Kim Kettle (Newfield Production), Charles Sharp (Bureau of Land Management), and Brandon MacDonald (Bureau of Land Management). Weather conditions were clear and ground cover was 100 percent open.

**13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

Representative

Name: Dave Allred  
Address: Route #3 Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #14-31-8-18 SE/SW Section 31, Township 8S, Range 18E: Lease UTU-74404 Uintah 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 Newfield 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.

3/29/07

Date



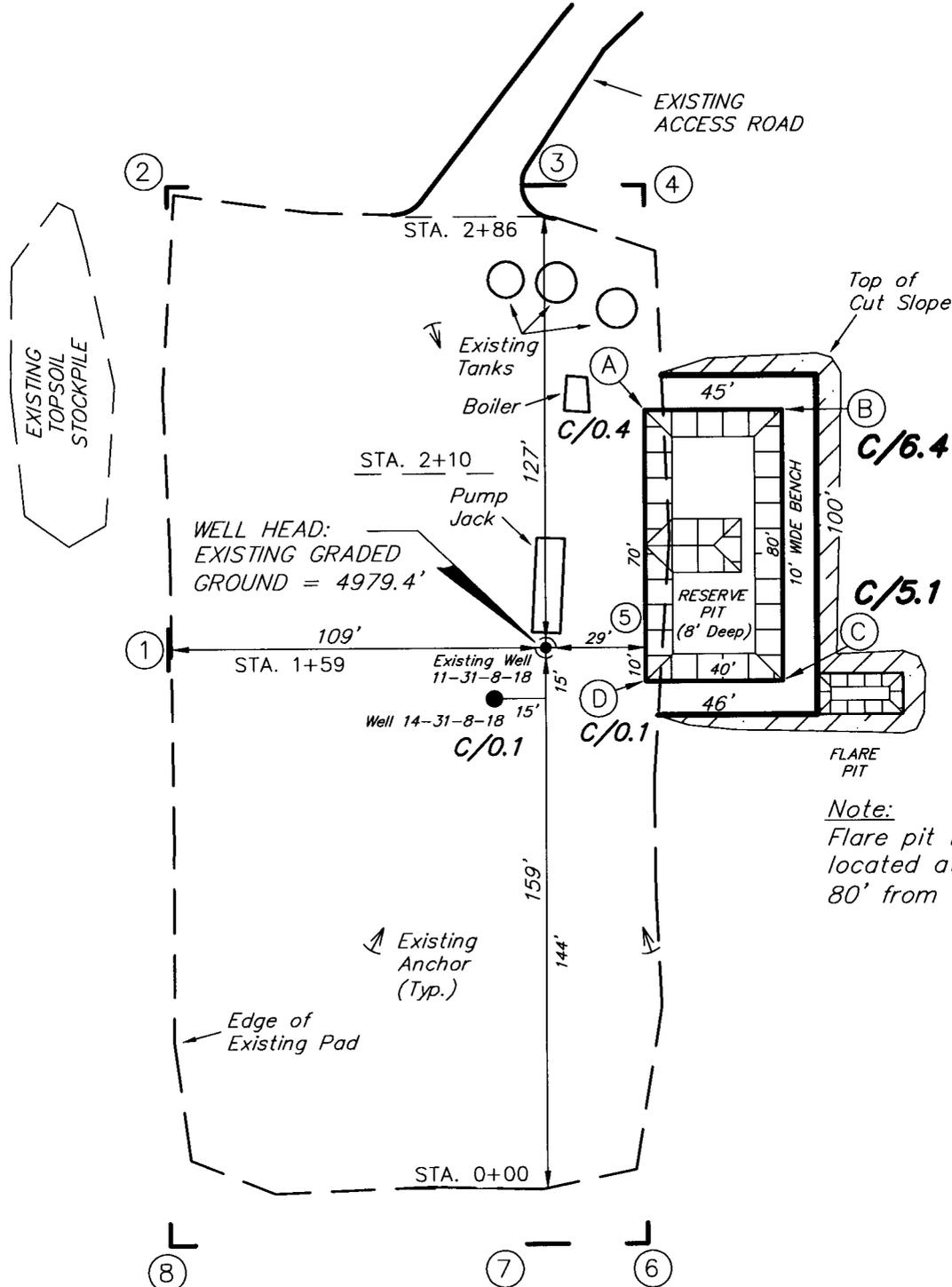
Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

# NEWFIELD PRODUCTION COMPANY

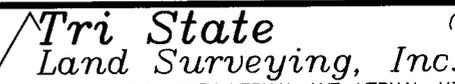
SUNDANCE 14-31-8-18 (Proposed Well)

SUNDANCE 11-31-8-18 (Existing Well)

Pad Location: NESW Section 31, T8S, R18E, S.L.B.&M.



Note:  
Flare pit is to be located at least 80' from well head.

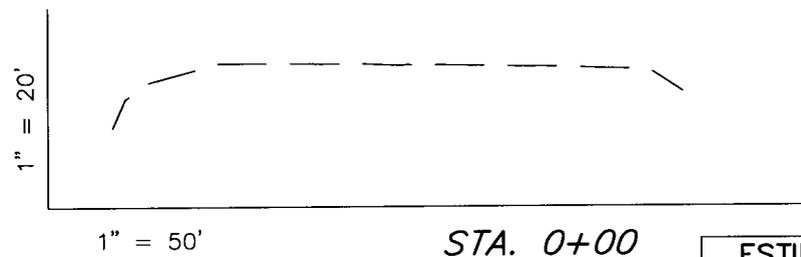
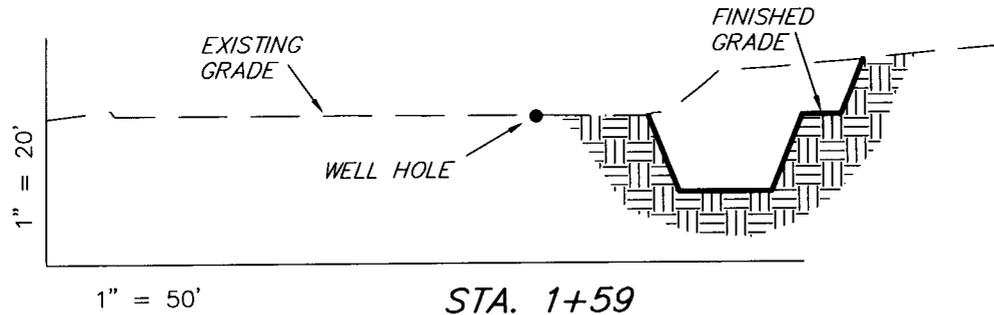
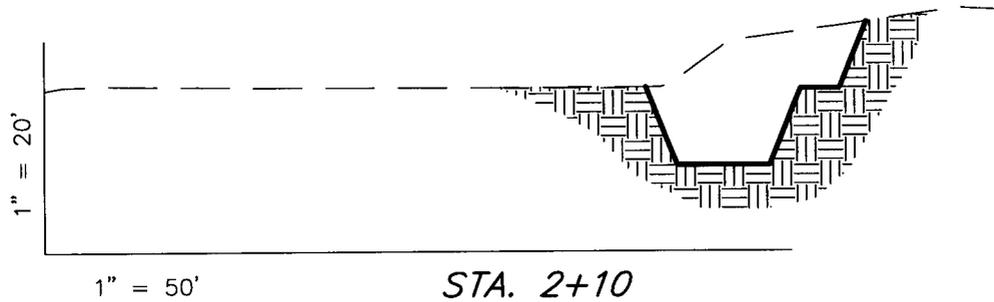
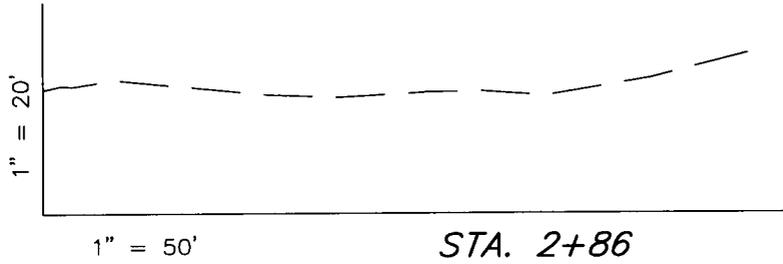
SURVEYED BY: C.M.	SCALE: 1" = 50'	 <p>(435) 781-2501 180 NORTH VERNAL AVE. VERNAL, UTAH 84078</p>
DRAWN BY: F.T.M.	DATE: 10-06-06	

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

**SUNDANCE 14-31-8-18 (Proposed Well)**

**SUNDANCE 11-31-8-18 (Existing Well)**



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

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	970	0	Topsoil is not included in Pad Cut	970
PIT	640	0		640
<b>TOTALS</b>	<b>1,610</b>	<b>0</b>	<b>N/A</b>	<b>1,610</b>

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 10-06-06

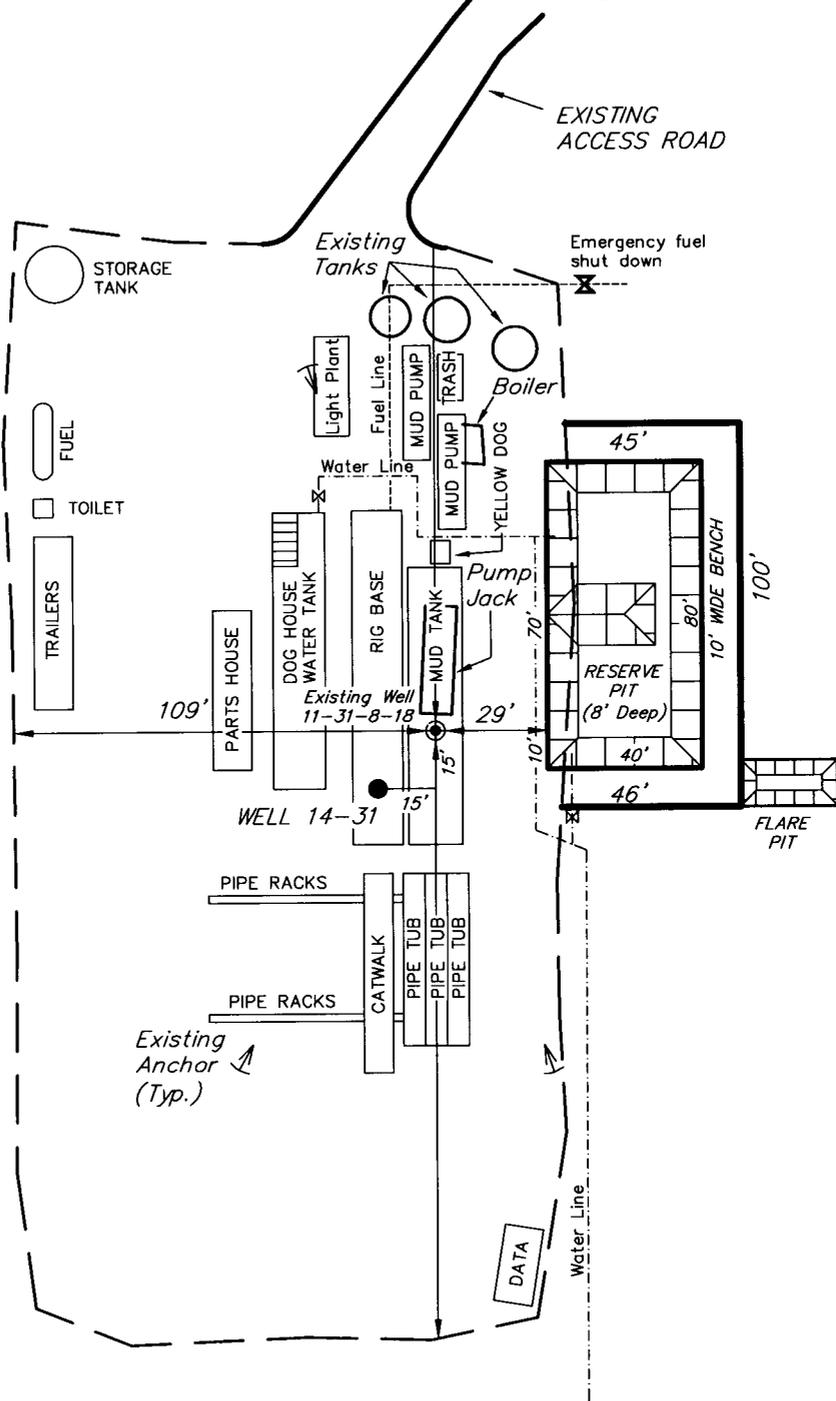
**Tri State** (435) 781-2501  
**Land Surveying, Inc.**  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

SUNDANCE 14-31-8-18 (Proposed Well)

SUNDANCE 11-31-8-18 (Existing Well)



REVISED:

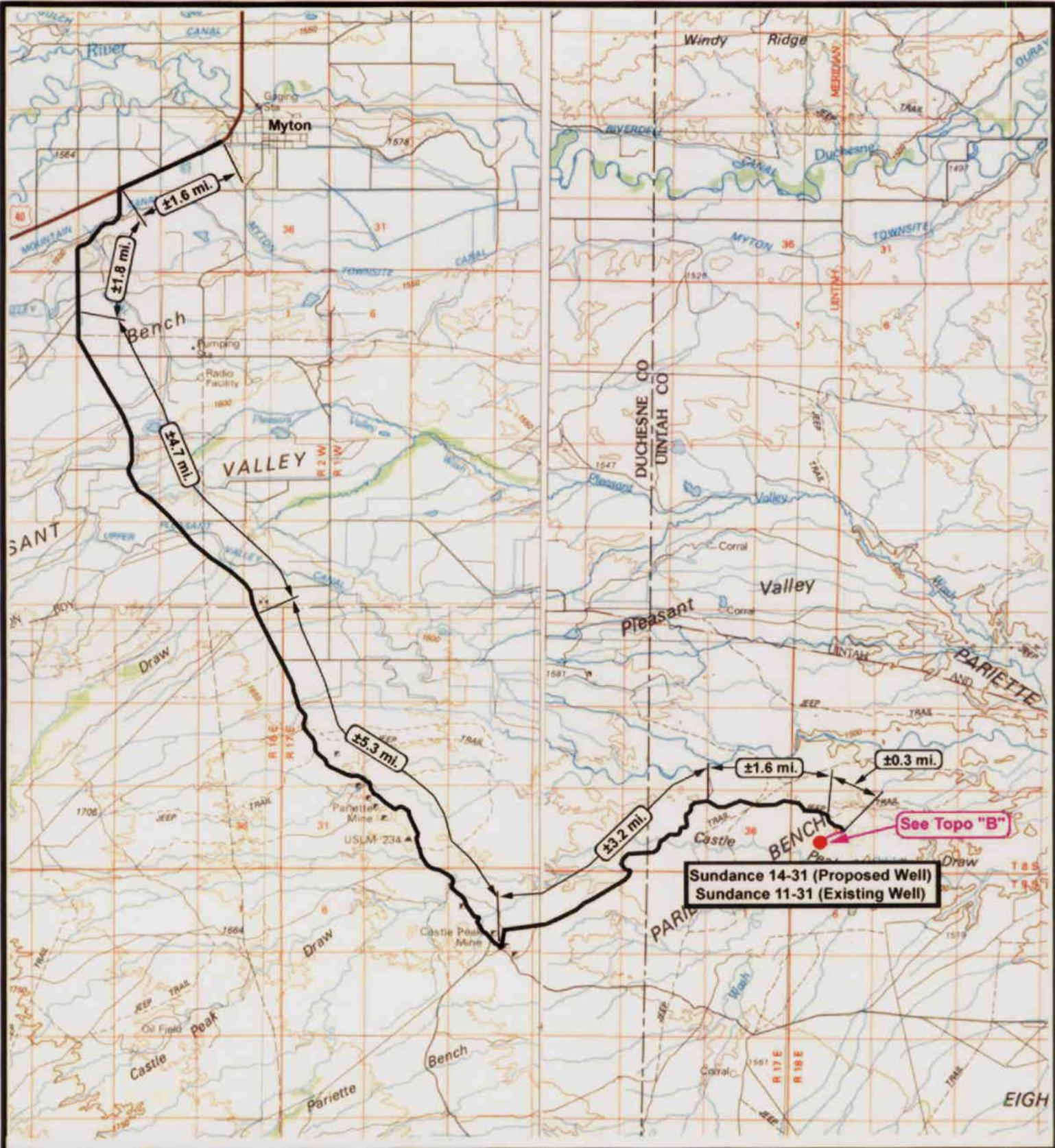
SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 10-06-06

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



**NEWFIELD**  
Exploration Company

**Sundance 14-31-8-18 (Proposed Well)**  
**Sundance 11-31-8-18 (Existing Well)**  
Pad Location: NESW SEC. 31, T8S, R18E, S.L.B.&M.



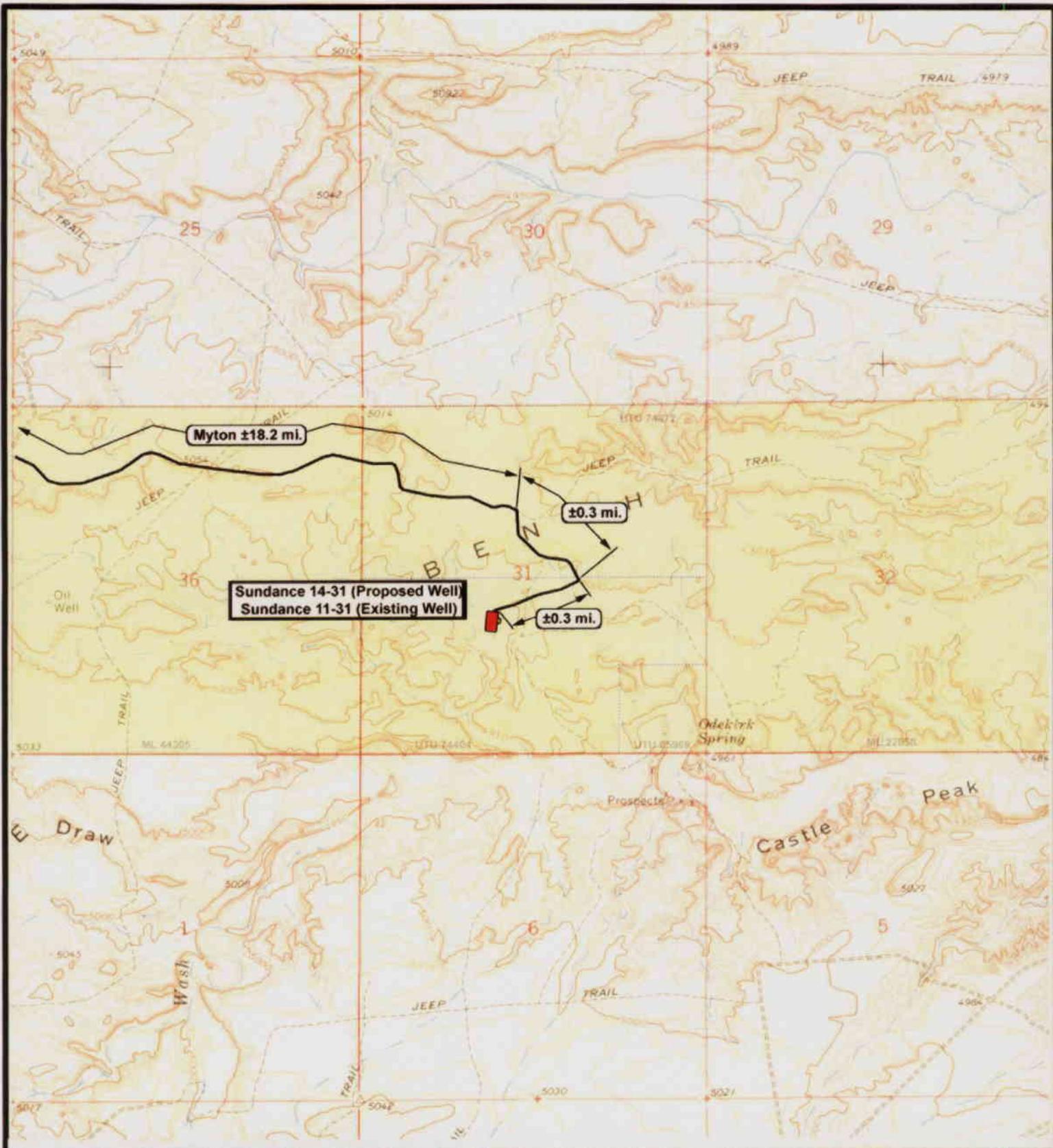
**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 10-10-2006

**Legend**

- Pad Location
- Bottom Hole Location
- One-Mile Radius

**TOPOGRAPHIC MAP**  
**"A"**




  
**NEWFIELD**  
 Exploration Company

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**Sundance 14-31-8-18 (Proposed Well)**  
**Sundance 11-31-8-18 (Existing Well)**  
 Pad Location: NESW SEC. 31, T8S, R18E, S.L.B.&M.



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

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SCALE: 1" = 2000'  
 DRAWN BY: mw  
 DATE: 10-10-2006

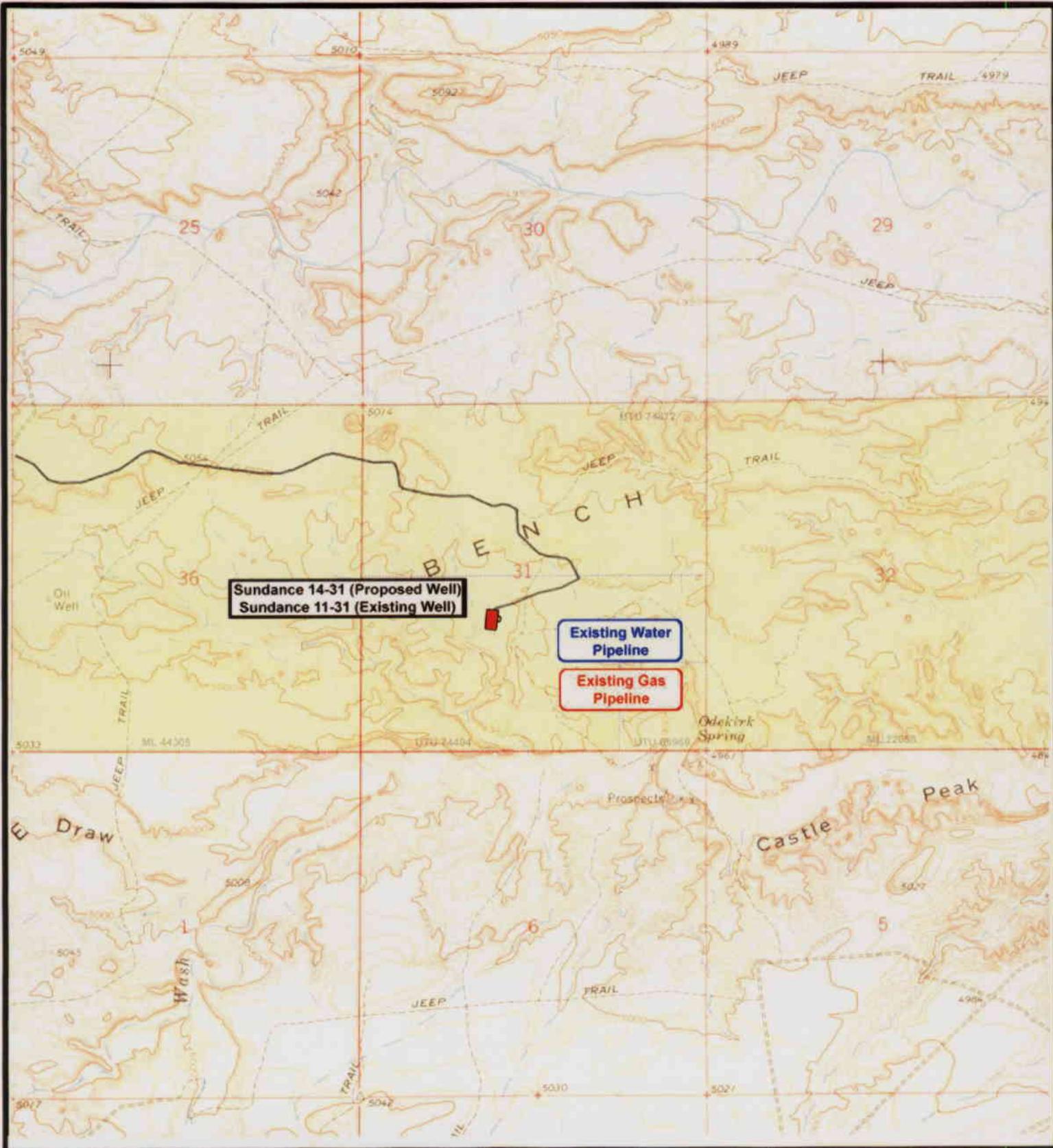
**Legend**

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 Existing Road

---

**TOPOGRAPHIC MAP**  
"B"



**Sundance 14-31 (Proposed Well)**  
**Sundance 11-31 (Existing Well)**

**Existing Water Pipeline**

**Existing Gas Pipeline**



**NEWFIELD**  
Exploration Company

---

**Sundance 14-31-8-18 (Proposed Well)**  
**Sundance 11-31-8-18 (Existing Well)**  
 Pad Location: NESW SEC. 31, T8S, R18E, S.L.B.&M.




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

---

SCALE: 1" = 2000'  
 DRAWN BY: mw  
 DATE: 10-10-2006

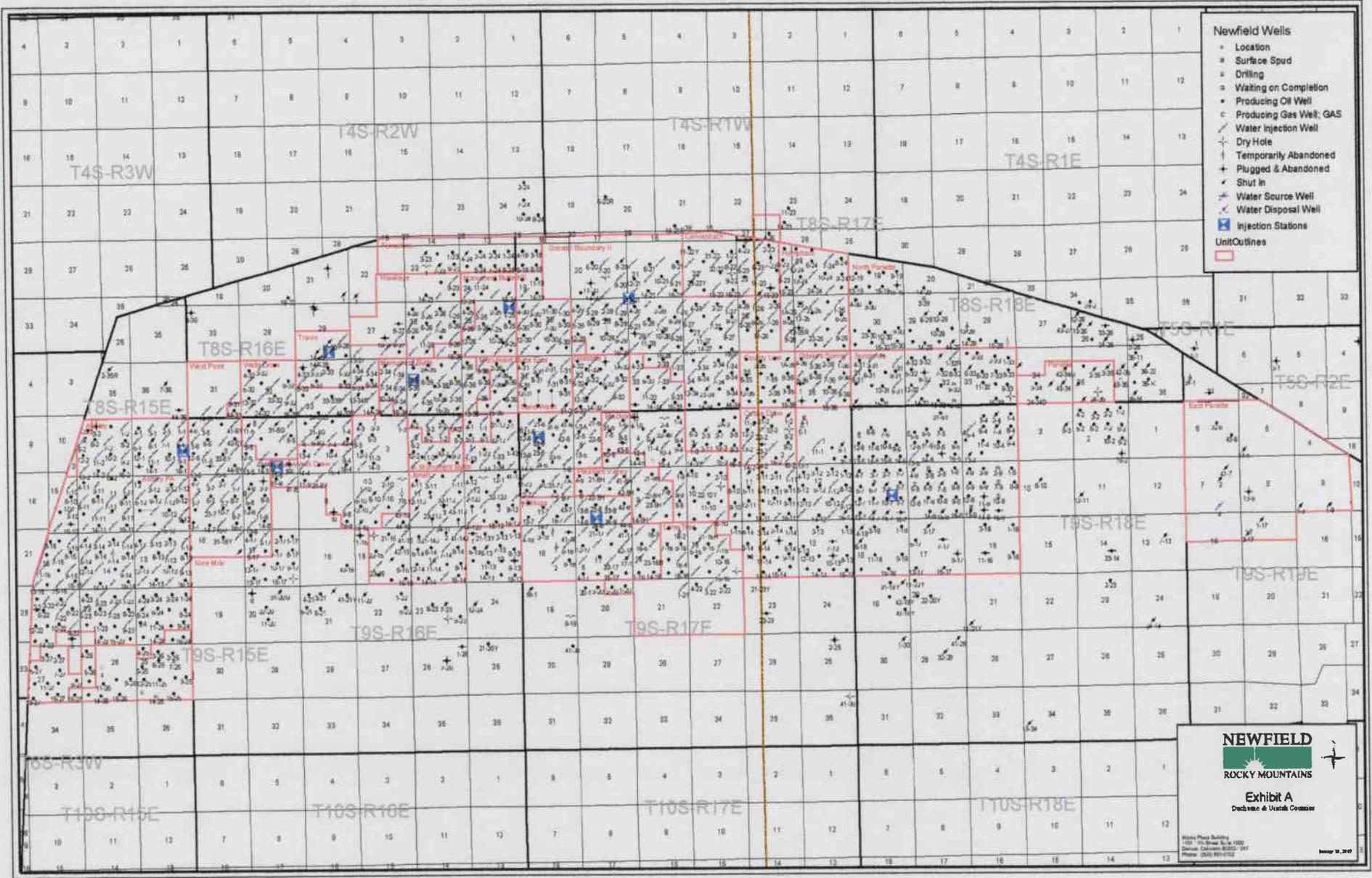
**Legend**

— Roads

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**TOPOGRAPHIC MAP**

**"C"**



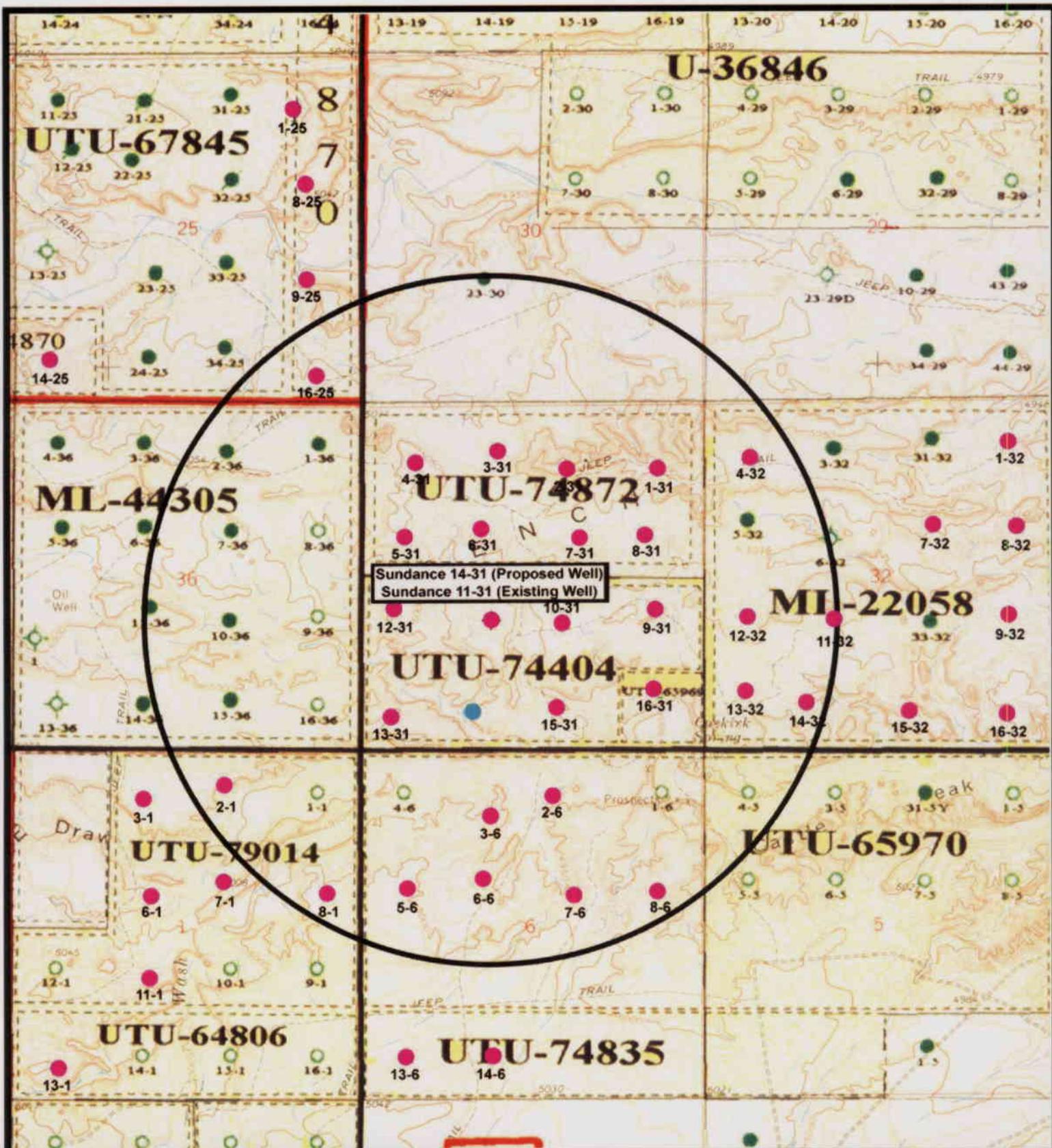
- Newfield Wells**
- Location
  - Surface Spud
  - Drilling
  - Waiting on Completion
  - Producing Oil Well
  - Producing Gas Well: GAS
  - Water Injection Well
  - Dry Hole
  - Temporarily Abandoned
  - Plugged & Abandoned
  - Shut In
  - Water Source Well
  - Water Disposal Well
  - Injection Stations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

**NEWFIELD**  
**ROCKY MOUNTAINS**

Exhibit A  
 Debrae & Uvink Corner

Maple Plaza Building  
 1001 - 75 Street S.W. 1000  
 Calgary, Canada T2C 2Y1  
 Phone: (403) 993-0122

January 19, 2011



Sundance 14-31 (Proposed Well)  
 Sundance 11-31 (Existing Well)

**NEWFIELD**  
Exploration Company

**Sundance 14-31-8-18 (Proposed Well)**  
**Sundance 11-31-8-18 (Existing Well)**  
 Pad Location: NESW SEC. 31, T8S, R18E, S.L.B.&M.



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

SCALE: 1" = 2,000'  
 DRAWN BY: mw  
 DATE: 10-10-2006

**Legend**

- Pad Location
- Bottom Hole Location
- One-Mile Radius

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

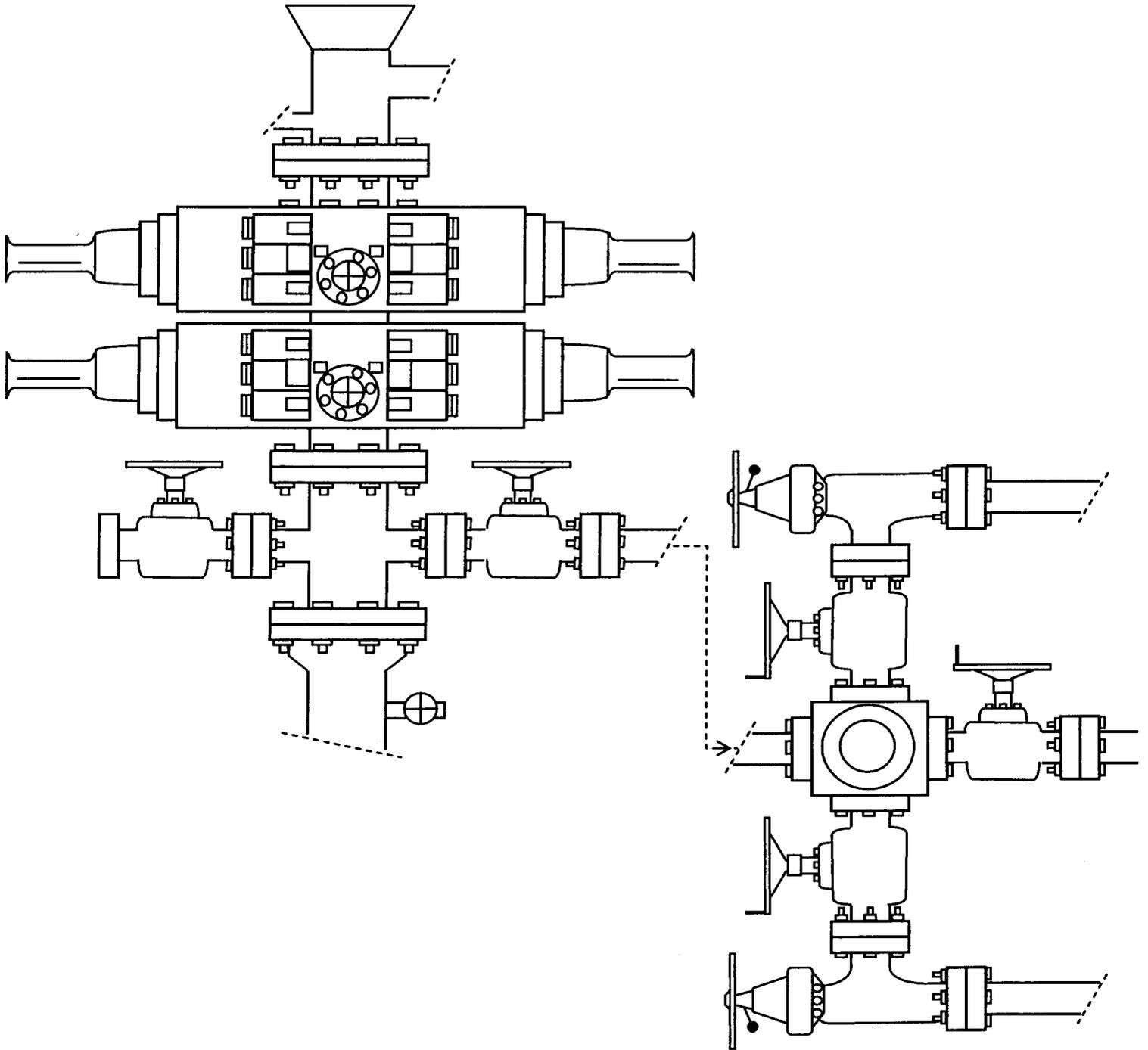


EXHIBIT C

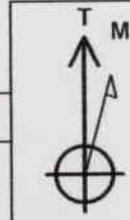




**Scientific Drilling**  
Rocky Mountain Operations

Project: Uintah County, UT  
Site: Sundance Federal 14-31-8-18  
Well: Sundance Federal 14-31-8-18  
Wellbore: OH  
Design: Plan #1

**Newfield Exploration Co.**

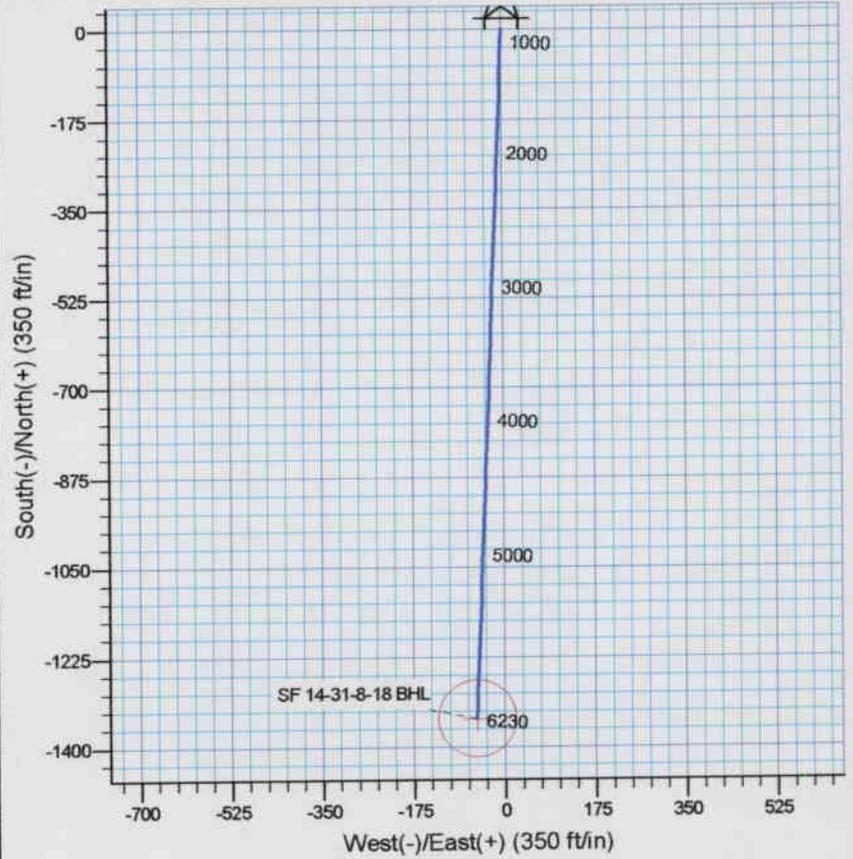
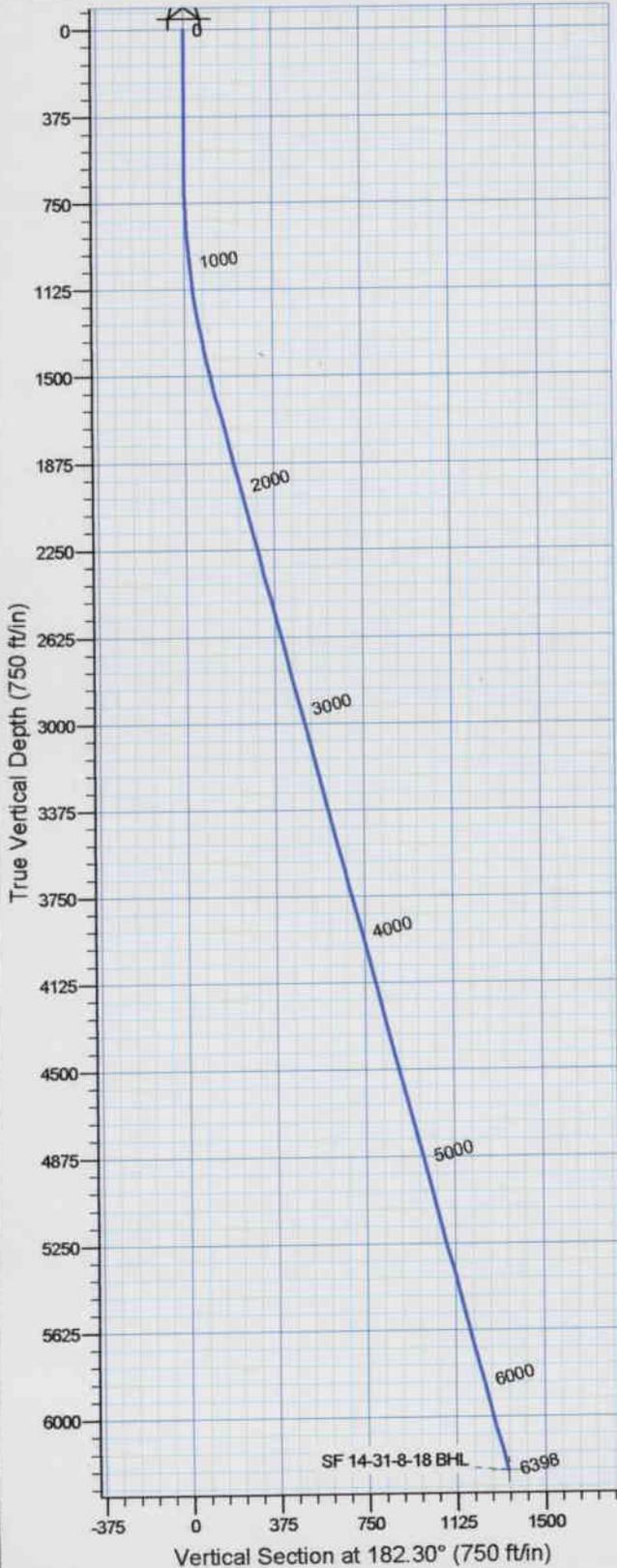


Azimuths to True North  
Magnetic North: 11.80°

Magnetic Field  
Strength: 52747.4nT  
Dip Angle: 65.95°  
Date: 2007-03-13  
Model: IGRF2005-10

WELL DETAILS: Sundance Federal 14-31-8-18

GL 4980' & RKB 12' @ 4992.00ft 4980.00  
+N/-S +E/-W Northing Easting Latitude Longitude  
0.00 0.00 637335.99 2436990.49 40° 4' 21.660 N 109° 56' 18.260 W



Plan: Plan #1 (Sundance Federal 14-31-8-18/OH)

Created By: Julie Cruse Date: 2007-03-13

PROJECT DETAILS: Uintah County, UT

Geodetic System: US State Plane 1927 (Exact solution)  
Datum: NAD 1927 (NADCON CONUS)  
Ellipsoid: Clarke 1866  
Zone: Utah Central 4302

System Datum: Mean Sea Level  
Local North: No north reference data is available

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
3	1577.96	14.67	182.30	1567.31	-124.41	-5.00	1.50	182.30	124.51	
4	6397.76	14.67	182.30	6230.00	-1344.00	-54.00	0.00	0.00	1345.08	SF 14-31-8-18 BHL

# **Newfield Exploration Co.**

**Uintah County, UT**

**Sundance Federal 14-31-8-18**

**Sundance Federal 14-31-8-18**

**OH**

**Plan: Plan #1**

## **Standard Planning Report**

**13 March, 2007**

# Scientific Drilling Planning Report

<b>Database:</b> MultiUserEDM	<b>Local Co-ordinate Reference:</b> Well Sundance Federal 14-31-8-18
<b>Company:</b> Newfield Exploration Co.	<b>TVD Reference:</b> GL 4980' & RKB 12' @ 4992.00ft
<b>Project:</b> Uintah County, UT	<b>MD Reference:</b> GL 4980' & RKB 12' @ 4992.00ft
<b>Site:</b> Sundance Federal 14-31-8-18	<b>North Reference:</b> True
<b>Well:</b> Sundance Federal 14-31-8-18	<b>Survey Calculation Method:</b> Minimum Curvature
<b>Wellbore:</b> OH	
<b>Design:</b> Plan #1	

<b>Project</b>	Uintah County, UT		
<b>Map System:</b>	US State Plane 1927 (Exact solution)	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	NAD 1927 (NADCON CONUS)		
<b>Map Zone:</b>	Utah Central 4302		

<b>Site</b> Sundance Federal 14-31-8-18, Sec 31 T8S R18E					
<b>Site Position:</b>		<b>Northing:</b>	637,336.00ft	<b>Latitude:</b>	40° 4' 21.660 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,436,990.49ft	<b>Longitude:</b>	109° 56' 18.260 W
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	in	<b>Grid Convergence:</b>	1.00 °

<b>Well</b> Sundance Federal 14-31-8-18, 2004' FSL, 1986' FWL						
<b>Well Position</b>	+N-S	0.00 ft	<b>Northing:</b>	637,335.99 ft	<b>Latitude:</b>	40° 4' 21.660 N
	+E-W	0.00 ft	<b>Easting:</b>	2,436,990.49 ft	<b>Longitude:</b>	109° 56' 18.260 W
<b>Position Uncertainty</b>		0.00 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	4,980.00 ft

<b>Wellbore</b> OH					
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination</b>	<b>Dip Angle</b>	<b>Field Strength</b>
	IGRF2005-10	2007-03-13	(°)	(°)	(nT)
			11.80	65.95	52,747

<b>Design</b> Plan #1					
<b>Audit Notes:</b>					
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.00	
<b>Vertical Section:</b>	<b>Depth From (TVD)</b>	<b>+N-S</b>	<b>+E-W</b>	<b>Direction</b>	
	(ft)	(ft)	(ft)	(°)	
	6,230.00	0.00	0.00	182.30	

<b>Plan Sections</b>										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TPO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,577.96	14.67	182.30	1,567.31	-124.41	-5.00	1.50	1.50	0.00	182.30	
6,397.76	14.67	182.30	6,230.00	-1,344.00	-54.00	0.00	0.00	0.00	0.00	SF 14-31-8-18 BHL

# Scientific Drilling Planning Report

**Database:** MultiUserEDM  
**Company:** Newfield Exploration Co.  
**Project:** Uintah County, UT  
**Site:** Sundance Federal 14-31-8-18  
**Well:** Sundance Federal 14-31-8-18  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well Sundance Federal 14-31-8-18  
**TVD Reference:** GL 4980' & RKB 12' @ 4992.00ft  
**MD Reference:** GL 4980' & RKB 12' @ 4992.00ft  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

## Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	1.50	182.30	699.99	-1.31	-0.05	1.31	1.50	1.50	0.00
800.00	3.00	182.30	799.91	-5.23	-0.21	5.23	1.50	1.50	0.00
900.00	4.50	182.30	899.69	-11.77	-0.47	11.77	1.50	1.50	0.00
1,000.00	6.00	182.30	999.27	-20.91	-0.84	20.92	1.50	1.50	0.00
1,100.00	7.50	182.30	1,098.57	-32.65	-1.31	32.68	1.50	1.50	0.00
1,200.00	9.00	182.30	1,197.54	-46.99	-1.89	47.03	1.50	1.50	0.00
1,300.00	10.50	182.30	1,296.09	-63.91	-2.57	63.96	1.50	1.50	0.00
1,400.00	12.00	182.30	1,394.16	-83.40	-3.35	83.47	1.50	1.50	0.00
1,500.00	13.50	182.30	1,491.70	-105.45	-4.24	105.54	1.50	1.50	0.00
1,577.96	14.67	182.30	1,567.31	-124.41	-5.00	124.51	1.50	1.50	0.00
1,600.00	14.67	182.30	1,588.63	-129.99	-5.22	130.09	0.00	0.00	0.00
1,700.00	14.67	182.30	1,685.37	-155.29	-6.24	155.42	0.00	0.00	0.00
1,800.00	14.67	182.30	1,782.11	-180.59	-7.26	180.74	0.00	0.00	0.00
1,900.00	14.67	182.30	1,878.85	-205.90	-8.27	206.06	0.00	0.00	0.00
2,000.00	14.67	182.30	1,975.59	-231.20	-9.29	231.39	0.00	0.00	0.00
2,100.00	14.67	182.30	2,072.33	-256.51	-10.31	256.71	0.00	0.00	0.00
2,200.00	14.67	182.30	2,169.07	-281.81	-11.32	282.04	0.00	0.00	0.00
2,300.00	14.67	182.30	2,265.81	-307.11	-12.34	307.36	0.00	0.00	0.00
2,400.00	14.67	182.30	2,362.55	-332.42	-13.36	332.69	0.00	0.00	0.00
2,500.00	14.67	182.30	2,459.29	-357.72	-14.37	358.01	0.00	0.00	0.00
2,600.00	14.67	182.30	2,556.04	-383.02	-15.39	383.33	0.00	0.00	0.00
2,700.00	14.67	182.30	2,652.78	-408.33	-16.41	408.66	0.00	0.00	0.00
2,800.00	14.67	182.30	2,749.52	-433.63	-17.42	433.98	0.00	0.00	0.00
2,900.00	14.67	182.30	2,846.26	-458.94	-18.44	459.31	0.00	0.00	0.00
3,000.00	14.67	182.30	2,943.00	-484.24	-19.46	484.63	0.00	0.00	0.00
3,100.00	14.67	182.30	3,039.74	-509.54	-20.47	509.95	0.00	0.00	0.00
3,200.00	14.67	182.30	3,136.48	-534.85	-21.49	535.28	0.00	0.00	0.00
3,300.00	14.67	182.30	3,233.22	-560.15	-22.51	560.60	0.00	0.00	0.00
3,400.00	14.67	182.30	3,329.96	-585.45	-23.52	585.93	0.00	0.00	0.00
3,500.00	14.67	182.30	3,426.70	-610.76	-24.54	611.25	0.00	0.00	0.00
3,600.00	14.67	182.30	3,523.44	-636.06	-25.56	636.58	0.00	0.00	0.00
3,700.00	14.67	182.30	3,620.18	-661.37	-26.57	661.90	0.00	0.00	0.00
3,800.00	14.67	182.30	3,716.92	-686.67	-27.59	687.22	0.00	0.00	0.00
3,900.00	14.67	182.30	3,813.66	-711.97	-28.61	712.55	0.00	0.00	0.00
4,000.00	14.67	182.30	3,910.40	-737.28	-29.62	737.87	0.00	0.00	0.00
4,100.00	14.67	182.30	4,007.14	-762.58	-30.64	763.20	0.00	0.00	0.00
4,200.00	14.67	182.30	4,103.88	-787.88	-31.66	788.52	0.00	0.00	0.00
4,300.00	14.67	182.30	4,200.62	-813.19	-32.67	813.84	0.00	0.00	0.00
4,400.00	14.67	182.30	4,297.36	-838.49	-33.69	839.17	0.00	0.00	0.00
4,500.00	14.67	182.30	4,394.10	-863.80	-34.71	864.49	0.00	0.00	0.00
4,600.00	14.67	182.30	4,490.84	-889.10	-35.72	889.82	0.00	0.00	0.00
4,700.00	14.67	182.30	4,587.58	-914.40	-36.74	915.14	0.00	0.00	0.00
4,800.00	14.67	182.30	4,684.32	-939.71	-37.76	940.47	0.00	0.00	0.00
4,900.00	14.67	182.30	4,781.06	-965.01	-38.77	965.79	0.00	0.00	0.00
5,000.00	14.67	182.30	4,877.80	-990.31	-39.79	991.11	0.00	0.00	0.00
5,100.00	14.67	182.30	4,974.54	-1,015.62	-40.81	1,016.44	0.00	0.00	0.00
5,200.00	14.67	182.30	5,071.28	-1,040.92	-41.82	1,041.76	0.00	0.00	0.00

# Scientific Drilling Planning Report

**Database:** MultiUserEDM  
**Company:** Newfield Exploration Co.  
**Project:** Uintah County, UT  
**Site:** Sundance Federal 14-31-8-18  
**Well:** Sundance Federal 14-31-8-18  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well Sundance Federal 14-31-8-18  
**TVD Reference:** GL 4980' & RKB 12' @ 4992.00ft  
**MD Reference:** GL 4980' & RKB 12' @ 4992.00ft  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

### Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.00	14.67	182.30	5,168.02	-1,066.23	-42.84	1,067.09	0.00	0.00	0.00
5,400.00	14.67	182.30	5,264.76	-1,091.53	-43.86	1,092.41	0.00	0.00	0.00
5,500.00	14.67	182.30	5,361.50	-1,116.83	-44.87	1,117.73	0.00	0.00	0.00
5,600.00	14.67	182.30	5,458.24	-1,142.14	-45.89	1,143.06	0.00	0.00	0.00
5,700.00	14.67	182.30	5,554.98	-1,167.44	-46.91	1,168.38	0.00	0.00	0.00
5,800.00	14.67	182.30	5,651.73	-1,192.74	-47.92	1,193.71	0.00	0.00	0.00
5,900.00	14.67	182.30	5,748.47	-1,218.05	-48.94	1,219.03	0.00	0.00	0.00
6,000.00	14.67	182.30	5,845.21	-1,243.35	-49.96	1,244.36	0.00	0.00	0.00
6,100.00	14.67	182.30	5,941.95	-1,268.66	-50.97	1,269.68	0.00	0.00	0.00
6,200.00	14.67	182.30	6,038.69	-1,293.96	-51.99	1,295.00	0.00	0.00	0.00
6,300.00	14.67	182.30	6,135.43	-1,319.26	-53.01	1,320.33	0.00	0.00	0.00
6,397.76	14.67	182.30	6,230.00	-1,344.00	-54.00	1,345.08	0.00	0.00	0.00

SF 14-31-8-18 BHL

### Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N-S (ft)	+E-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
SF 14-31-8-18 BHL - plan hits target - Circle (radius 75.00)	0.00	0.00	6,230.00	-1,344.00	-54.00	635,991.26	2,436,959.96	40° 4' 8.377 N	109° 56' 18.955 W



April 17, 2007

Ms. Diana Mason  
State of Utah, Div. of Oil, Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Re: Directional Drilling R649-3-11  
Sundance Unit UTU-82472X  
Various Wells & Locations (See Attached)  
Uintah County, Utah

Dear Ms. Mason:

Pursuant to the filing of Newfield Production Company's (hereinafter "NPC") Applications for Permits to Drill dated 3/29/07 (copies enclosed herewith) which concern the wells described on the attached Exhibit, NPC is hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to Directional Drilling.

All of these drillsite locations are located within the boundaries of the Sundance Unit UTU-82472X. NPC is permitting these wells as directional wells in order to minimize surface disturbance. By locating the wells at the surface locations described and directionally drilling from these locations, NPC will be able to utilize the existing the existing roads and pipelines in the area.

Furthermore, NPC hereby certifies that NPC is the Sundance Unit Operator and all lands within 460 feet of each of the entire directional well bores are within the Sundance Unit.

Therefore, based on the above stated information NPC requests that the permits be granted pursuant to R649-3-11. Thank you for your consideration in this matter.

Sincerely,

**Newfield Production Company**

A handwritten signature in cursive script that reads "Marie Liley".

Marie Liley  
Land Associate

Enclosures

**RECEIVED**

**APR 20 2007**

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

**DIRECTIONAL DRILLING R649-3-11 WELL EXHIBIT  
SUNDANCE UNIT UTU-82472X  
UINTAH COUNTY, UTAH**

Sundance Federal 14-31-8-18 ✓

BLM Lease #s U-74404 (surface) and U-74404 (bottomhole)  
2004' FSL, 1986' FWL Section 31 (at surface)  
660' FSL, 1932' FWL Section 31 (bottomhole)  
T8S-R18E

Sundance Federal 16-31-8-18

BLM Lease #s U-74404 (surface) and U-65969 (bottomhole)  
678' FSL, 2216' FEL Section 31 (at surface)  
661' FSL, 659' FEL Section 31 (bottomhole)  
T8S-R18E

Sundance Federal 13A-33-8-18

BLM Lease #s U-65969 (surface) and U-65969 (bottomhole)  
2044' FSL, 773' FWL Section 33 (at surface)  
663' FSL, 660' FWL Section 33 (bottomhole)  
T8S-R18E

Sundance Federal 8-5-9-18

BLM Lease #s U-65970 (surface) and U-65970 (bottomhole)  
2131' FNL, 1953' FEL Section 5 (at surface)  
1985' FNL, 661' FEL Section 5 (bottomhole)  
T9S-R18E

Sundance Federal 2-6-9-18

BLM Lease #s U-65970 (surface) and U-65970 (bottomhole)  
2546' FNL, 1890' FEL Section 6 (at surface)  
661' FNL, 1977' FEL Section 6 (bottomhole)  
T9S-R18E

Sundance Federal 3-6-9-18

BLM Lease #s U-65970 (surface) and U-65970 (bottomhole)  
1926' FNL, 1874' FWL Section 6 (at surface)  
661' FNL, 1939' FWL Section 6 (bottomhole)  
T9S-R18E

Sundance Federal 8-6-9-18

BLM Lease #s U-65970 (surface) and U-65970 (bottomhole)  
1716' FSL, 940' FEL Section 6 (at surface)  
1986' FNL, 659' FEL Section 6 (bottomhole)  
T9S-R18E

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 04/07/2003

API NO. ASSIGNED: 43-047-34287

WELL NAME: SUNDANCE FED 14-31-8-18  
 OPERATOR: NEWFIELD PRODUCTION ( N2695 )  
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:  
 NESW 31 080S 180E  
 SURFACE: 2004 FSL 1986 FWL  
 BOTTOM: 0660 FSL 1932 FWL  
 COUNTY: UINTAH  
 LATITUDE: 40.07270 LONGITUDE: -109.9377  
 UTM SURF EASTINGS: 590586 NORTHINGS: 4436157  
 FIELD NAME: 8 MILE FLAT NORTH ( 590 )

INSPECT LOCATN BY: / /		
<b>Tech Review</b>	<b>Initials</b>	<b>Date</b>
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-74404  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

Plat

Bond: Fed[1] Ind[] Sta[] Fee[]  
 (No. UTB00192 )

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

Water Permit  
 (No. MUNICIPAL )

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

NA Fee Surf Agreement (Y/N)

NA Intent to Commingle (Y/N)

LOCATION AND SITING:

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

Unit: SUNDANCE (GRRV)

\_\_\_ R649-3-2. General  
 Siting: 460' From Qtr/Qtr & 920' Between Wells

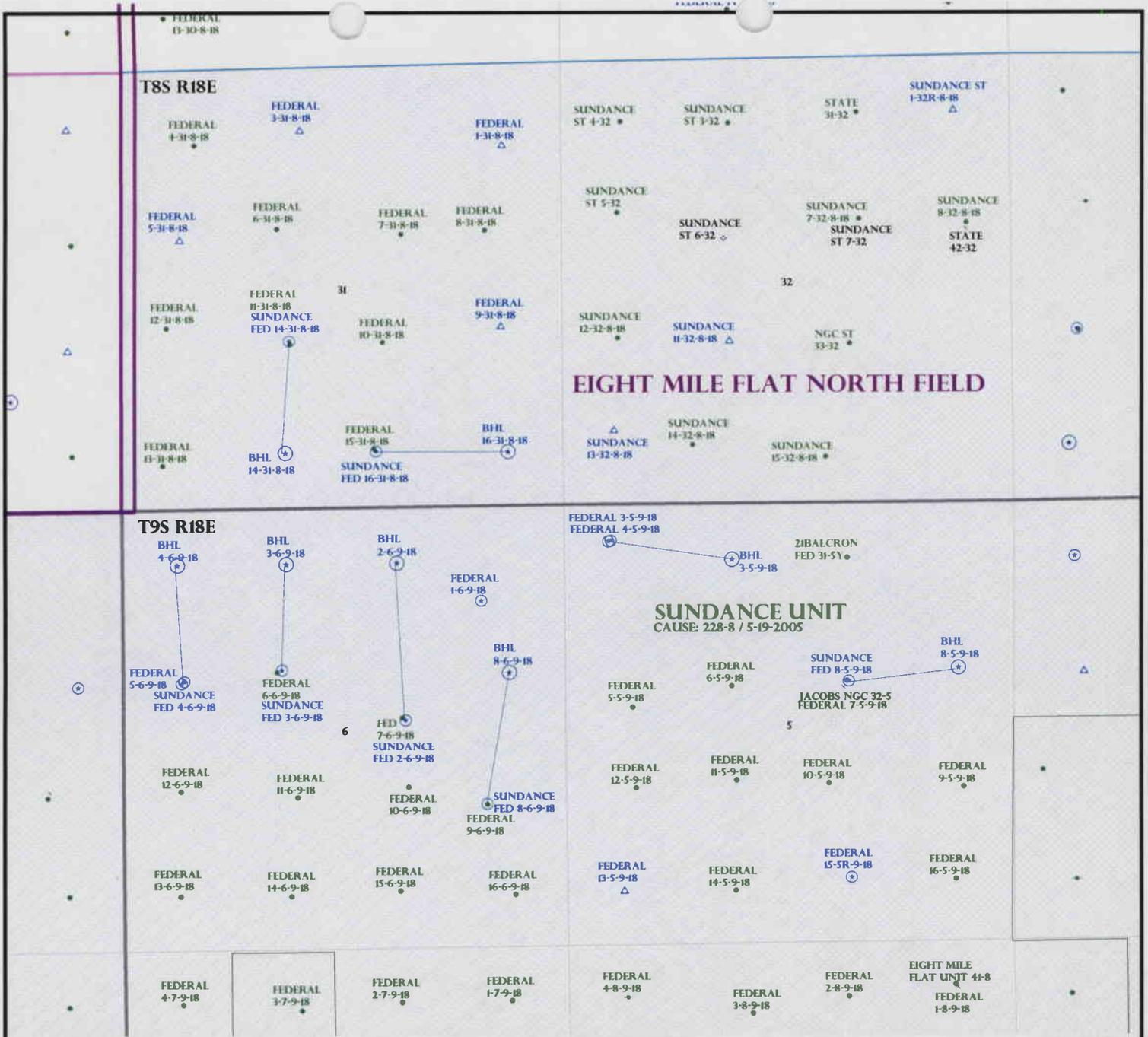
\_\_\_ R649-3-3. Exception

Drilling Unit  
 Board Cause No: 228-8  
 Eff Date: 5-19-2005  
 Siting: 460' fr U bary P 920' fr other well

R649-3-11. Directional Drill

COMMENTS: See Separate file

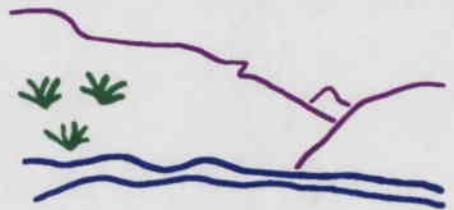
STIPULATIONS: 1- Feder Approval



**EIGHT MILE FLAT NORTH FIELD**

**SUNDANCE UNIT**  
CAUSE: 228-8 / 5-19-2005

OPERATOR: NEWFIELD PROD CO (N2695)  
 SEC: 31 T.8S R. 18E  
 FIELD: EIGHT MILE FLAT NORTH (590)  
 COUNTY: Uintah  
 CAUSE: 228-8 / 5-19-2005



Utah Oil Gas and Mining

- Field Status**
- ABANDONED
  - ACTIVE
  - COMBINED
  - INACTIVE
  - PROPOSED
  - STORAGE
  - TERMINATED

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

- Wells Status**
- GAS INJECTION
  - GAS STORAGE
  - LOCATION ABANDONED
  - NEW LOCATION
  - PLUGGED & ABANDONED
  - PRODUCING GAS
  - PRODUCING OIL
  - SHUT-IN GAS
  - SHUT-IN OIL
  - TEMP. ABANDONED
  - TEST WELL
  - WATER INJECTION
  - WATER SUPPLY
  - WATER DISPOSAL
  - DRILLING



PREPARED BY: DIANA MASON  
 DATE: 03-APRIL-2007

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.  
**UTU-74404**

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

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

8. Well Name and No.  
**SUNDANCE FEDERAL 14-31-8-18**

9. API Well No.  
**43-047-34287**

10. Field and Pool, or Exploratory Area  
**8 MILE FLAT NORTH**

11. County or Parish, State  
**UINTAH COUNTY, UT.**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**NEWFIELD 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)  
**660 FSL 1932 FWL NE/SW Section 31, T8S R18E**

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

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

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

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

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 4/8/03 (expiration 4/5/07).

This APD has not been approved yet by the BLM.

Approved by the  
Utah Division of  
Oil, Gas and Mining

RECEIVED  
MAY 01 2007

Date: 05-01-07  
By: [Signature]

COPY SENT TO OPERATOR  
Date: 5-3-07  
Initials: RM

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

Signed Mandie Crozier Title Regulatory Specialist Date 4/30/2007  
Mandie Crozier

CC: UTAH DOGM

(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.

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-047-34287  
**Well Name:** Sundance Federal 14-31-8-18  
**Location:** NE/SW Section 21, T8S R18E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 4/8/2003

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes  No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes  No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes  No

Has the approved source of water for drilling changed? Yes  No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes  No

Is bonding still in place, which covers this proposed well? Yes  No

  
Signature

4/30/2007  
Date

**Title:** Regulatory Specialist

**Representing:** Newfield Production Company



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal Field Office

170 South 500 East

Vernal, UT 84078

(435) 781-4400 Fax: (435) 781-4410



IN REPLY REFER TO:

3160

UT08300

June 28, 2007

43-047-34287

Mandie Crozier  
Newfield Production Company  
Route 3, Box 3630  
Myton, UT 84052

Re: Well No. Sundance Federal 14-31-8-18  
SESW, Sec. 31, T8S, R18E  
Uintah County, Utah  
Lease No. UTU-74404

Dear Ms. Crozier:

The Application for Permit to Drill (APD) the above referenced well submitted April 7, 2003 is being returned unapproved as per your request in a letter dated March 29, 2007 to Chuck Macdonald. This APD was replaced with a new APD that was received on March 30, 2007 as Well No. Sundance Federal 14-31-8-18.

If you have any questions concerning APD processing, please contact me at (435) 781-4455.

Sincerely,

*Cindy Severson*

Cindy Severson  
Land Law Examiner

cc: UDOGM – Diana Mason

RECEIVED

JUL 13 2007

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO. <b>UTU-74404</b>
6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N/A</b>
7. UNIT AGREEMENT NAME <b>N/A</b>
8. FARM OR LEASE NAME WELL NO <b>Sundance Federal #14-31-8-18</b>
9. API WELL NO.
10. FIELD AND POOL OR WILDCAT <b>Eight Mile Flat North</b>
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>SE/SW Sec. 31, T8S, R18E</b>
12. County <b>Uintah</b>
13. STATE <b>UT</b>

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK **DRILL**  **DEEPEN**

1b. TYPE OF WELL  
OIL  GAS  SINGLE  MULTIPLE   
WELL  WELL  OTHER  ZONE  ZONE

2. NAME OF OPERATOR  
**Inland Production Company**

3. ADDRESS OF OPERATOR  
**Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At Surface **SE/SW 568' FSL 1959' FWL**  
At proposed Prod. Zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**Approximately 20.80 miles southeast of Myton, Utah**

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to <b>Approx. 568' f/lse line</b>	16. NO. OF ACRES IN LEASE <b>277.52</b>	17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40</b>
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. <b>Approx. 1172'</b>	19. PROPOSED DEPTH <b>6500'</b>	20. ROTARY OR CABLE TOOLS <b>Rotary</b>

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**4959' GR**

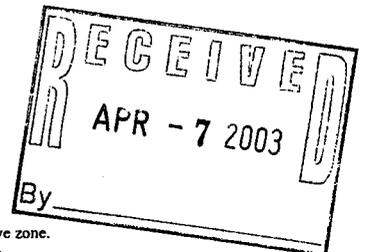
22. APPROX. DATE WORK WILL START\*  
**3rd Quarter 2003**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<b>Refer to Monument Butte Field SOP's Drilling Program/Casing Design</b>				

Inland Production Company proposes to drill this well in accordance with the attached exhibits.

The Conditions of Approval are also 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 *Monnie Corjies* TITLE Regulatory Specialist DATE 4/3/03

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

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

\*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.

RETURNED TO  
OPERATOR

RECEIVED

JUL 13 2007

DIV. OF OIL, GAS & MINING

03PS0366A

JUN 28 2007

03PS0366A

RECEIVED

MAR 30 2007

Form 3160-3  
(September 2001)

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

UNITED STATES  
DEPARTMENT OF THE INTERIOR **BLM VERNAL, UTAH**  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-74404
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Sundance
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Sundance Federal 14-31-8-18
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43 047 3A287
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/SW 2004' FSL 1986' FWL At proposed prod. zone SE/SW 660' FSL 1932' FWL		10. Field and Pool, or Exploratory Eight Mile Flat
14. Distance in miles and direction from nearest town or post office* Approximatley 18.8 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area SE/SW Sec. 31, T8S R18E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 660' f/lsa, 1932' f/unit	16. No. of Acres in lease 277.52	12. County or Parish Uintah
17. Spacing Unit dedicated to this well 40 Acres	13. State UT	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1570'	19. Proposed Depth 6230'	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4980' GL	22. Approximate date work will start* 3rd Quarter 2007	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- |   |  |
|---|--|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan.   | 5. Operator certification.   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature <i>Mandi Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 3/29/07
Title Regulatory Specialist		
Approved by (Signature) <i>Jerry Newells</i>	Name (Printed/Typed) Jerry Newells	Date 1-28-2008
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the 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, are attached.

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 or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

CONDITIONS OF APPROVAL ATTACHED  
RECEIVED

NOTICE OF APPROVAL

FEB 01 2008  
DIV. OF OIL, GAS & MINING

No 005  
07PP2141A



**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE**

170 South 500 East      VERNAL, UT 84078      (435) 781-4400



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

**Company:** Newfield Production Company  
**Well No:** Sundance Federal 14-31-8-18  
**API No:** 43-047-34287

**Location:** NESW, Sec 31, T8S, R18E  
**Lease No:** UTU-74404  
**Agreement:** Sundance Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify NRS/Enviro Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS/Enviro Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings
BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days

**SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

**General Surface Stipulations:**

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

**Specific Surface Stipulations:**

- There is a Red-tailed Hawk nest within ½ mile of the proposed location, but is not in line-of-site. With this occurrence there will be a **timing restriction to minimize disturbance during Red-tailed Hawk nesting from April 1- July 15.**
- There is a Ferruginous Hawk nest within ½ mile of the proposed location, but is not in line-of-site. With this occurrence there will be a **timing restriction to minimize disturbance during Ferruginous Hawk nesting from March 1- July 15.**
- There is a Great-Horned Owl nest within ½ mile of the proposed location, but is not in line-of-site. With this occurrence there will be a **timing restriction to minimize disturbance during Great-Horned Owl nesting from Feb. 1- May 15.**

Lease Notices from RMP:

- The lessee/operator is given notice the area has been identified as containing Ferruginous Hawk habitat. Modifications may be required in the Surface Use Plan to protect the Ferruginous Hawk and/or its habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- The lessee/operator is given notice the area has been identified as containing Golden Eagle habitat. Modifications may be required in the Surface Use Plan to protect the Golden Eagle and/or its habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

Comments:

- If it is anticipated that construction or drilling will occur during the given timing restrictions for any wildlife, a BLM or qualified biologist shall be notified so surveys can be conducted. Depending upon the results of the surveys, permission to proceed may or may not be recommended or granted (depending on the species being surveyed and the condition of the habitat).

CONDITIONS OF APPROVAL:

- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- All pipelines (surface and buried) will be laid within one 50' wide construction ROW, on one side of the road, and will reduce down to a 30' wide permanent ROW on lease.
- A temporary road ROW will not be granted. The road ROW will be 30 foot for construction and will reduce to an 18 foot running surface.
- **No surface disturbance outside of APD proposal is authorized. If other disturbance is necessary, authorization will be proposed in a sundry notice (Form 3160-5) to BLM Authorized Officer. *Sclerocactus brevispinus* surveys may be required prior to approval.**
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed. All roads will have an 18', crowned (2 to 3% minimum), running surface. All roads will have drainage ditches along both sides of road.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- To insure impermeability, the reserve pit will be lined with a 16 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- Any hydrocarbons in the reserve pit will be removed **immediately** upon well completion; in accordance with 43 CFR 3162.7-1. Pits must be free of oil and other liquid and solid wastes prior to filling.

- Monument Butte SOP, Section 9.2 - Pit Fencing Minimum Standards - will be strictly adhered to. To include 9.2.2.3 - Corner posts will be cemented and/or braced in such a manner as to keep fence tight at all times.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.

Reclamation:

Interim seed mix:

Bottlebrush Squirreltail grass	<i>Elymus elymoides</i>	5 lbs/acre
Hy-crest Crested Wheatgrass	<i>Agropyron cristatum</i>	5 lbs/acre
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.5 lbs/acre
Gardner's saltbush	<i>Atriplex gardneri</i>	0.5 lbs/acre
Forage Kochia	<i>Kochia prostrata</i>	0.25 lbs/acre

Final reclamation seed mix:

Bottlebrush Squirreltail grass	<i>Elymus elymoides</i>	5 lbs/acre
Hy-crest Crested Wheatgrass	<i>Agropyron cristatum</i>	5 lbs/acre
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.5 lbs/acre
Gardner's saltbush	<i>Atriplex gardneri</i>	0.5 lbs/acre
Forage Kochia	<i>Kochia prostrata</i>	0.25 lbs/acre

- All pounds are in pure live seed.
  - All seed and mulch will be certified weed free.
  - Drill seeding is the preferred method.
  - Rates are set for drill seeding; double the rate if broadcasting.
  - If broadcasting seed: The seed will be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain.
  - Reseeding may be required if initial seeding is not successful.
- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
  - The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
  - Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (see above). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.

- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

## **DOWNHOLE CONDITIONS OF APPROVAL**

### **SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

- None

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days

after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or

abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

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.  
**UTU-74404**

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

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

8. Well Name and No.  
**SUNDANCE FEDERAL 14-31-8-18**

9. API Well No.  
**43-047-34287**

10. Field and Pool, or Exploratory Area  
**8 MILE FLAT NORTH**

11. County or Parish, State  
**UINTAH COUNTY, UT.**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**NEWFIELD 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)  
**2004 FSL 1986 FWL      NE/SW Section 31, T8S R18E**

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> 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>Permit Extension</b>
	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water

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

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

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 4/8/03.

This APD is not yet due to expire with the BLM.

Approved by the  
Utah Division of  
Oil, Gas and Mining

**COPY SENT TO OPERATOR**

Date: 4-28-2008  
Initials: KS

Date: 04-24-08  
By: [Signature]

14. I hereby certify that the foregoing is true and correct  
Signed [Signature] Title Regulatory Specialist Date 4/3/2008  
**Mandie Crozier**

CC: UTAH DOGM

(This space for Federal or State office use)

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

Conditions of approval, if any:

CC: Utah DOGM

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-047-34287  
**Well Name:** Sundance Federal 14-31-8-18  
**Location:** <sup>NE 20</sup> SE 1/4 SW Section 31, T8S R18E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 4/8/2003

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes  No  NA

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes  No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes  No

Has the approved source of water for drilling changed? Yes  No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes  No

Is bonding still in place, which covers this proposed well? Yes  No

*Mandi Curtis*  
Signature

4/3/2008  
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

**RECEIVED**  
**APR 21 2008**  
DIV. OF OIL, GAS & MINING

**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: SUNDANCE FED 14-31-8-18

Api No: 43-047-34287 Lease Type: FEDERAL

Section 31 Township 08S Range 18E County UINTAH

Drilling Contractor NDSI RIG # NS#1

**SPUDDED:**

Date 05/03/08

Time 3:30 PM

How DRY

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

Reported by BRANDON HALL

Telephone # (435) 828-6110

Date 05/05/08 Signed CHD

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

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

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				SPUD DATE	EFFECTIVE DATE	
					Q2	8C	TP	RG			COUNTY
A	99999	16842	4304736244	FEDERAL 6-30-8-18	SENW	30	8S	18E	UINTAH	4/30/2008	5/8/08
WELL 1 COMMENTS: <i>GRRV</i>											
A	99999	16843	4301333854	STATE 16-16-9-16	SESE	16	9S	16E	DUCHESNE	4/30/2008	5/8/08
WELL 2 COMMENTS: <i>GRRV</i>											
A	99999	16844	4301333234	FEDERAL 15-20-9-17	SWSE	20	9S	17E	DUCHESNE	6/1/2008	5/8/08
WELL 3 COMMENTS: <i>GRRV</i>											
B	99999	14844	4304734287	SUNDANCE FED 14-31-8-18	<del>NESW</del> SESW	31	8S	18E	UINTAH	5/3/2008	5/8/08
WELL 4 COMMENTS: <i>GRRV</i> <i>BHL = SESW</i>											
A	99999	16845	4301333233	FEDERAL 14-20-9-17	SESW	20	9S	17E	DUCHESNE	5/8/2008	5/8/08
WELL 5 COMMENTS: <i>GRRV</i>											
A	99999	16846	4304739634	UTE TRIBAL 7-23-4-1	SWNE	23	4S	1W	DUCHESNE UINTAH	5/2/2008	5/8/08
WELL 6 COMMENTS: <i>GRRV</i>											

ACTION CODES (See instructions on back of form)  
 A - 1 new entry for new well (single well only)  
 B - well to existing entity (group or unit well)  
 C - from one existing entity to another existing entity  
 D - well from one existing entity to a new entry  
 E - other (explain in comments section)

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

RECEIVED  
MAY 08 2008

DIV. OF OIL, GAS & MINING

*Jerry Park*  
 Signature  
 Production Clerk  
 Date: 05/08/08

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**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 reverse side**

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)  
2004 FSL 1986 FWL  
SESW Section 31 T8S R18E

5. Lease Serial No.  
USA UTU-74404

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
SUNDANCE UNIT

8. Well Name and No.  
SUNDANCE FEDERAL 14-31-8-18

9. API Well No.  
4304734287

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
UINTAH, 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	Spud Notice	
	<input type="checkbox"/> Convert to	<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.)

On 5/3/08 MIRU NDSI NS#1. Spud well @ 3:30 AM. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 315.95 KB. On 5/8/08 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 5 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Ryan Crum

Signature

Title

Drilling Foreman

Date

05/08/2008

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

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

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

Title

Date

Office

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

(Instructions on reverse)

**RECEIVED**

**MAY 12 2008**

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

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

8 5/8 CASING SET AT 315.95

LAST CASING 8 5/8" set @ 315.95  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 320' LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company  
 WELL Sundance Federal 14-31-8-18  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # NDSI NS#1

**LOG OF CASING STRING:**

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe 43.63					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	305.05
		<b>GUIDE</b> shoe			8rd	A	0.9

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	305.95
TOTAL LENGTH OF STRING	305.95	7	LESS CUT OFF PIECE	2
LESS NON CSG. ITEMS	1.85		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS. LEFT OUT	0		CASING SET DEPTH	<b>315.95</b>

TOTAL	304.1	7	} COMPARE
TOTAL CSG. DEL. (W/O THRDS)	304.1	7	
TIMING	1ST STAGE		
BEGIN RUN CSG.	Spud 5/3/2008	3:30PM	GOOD CIRC THRU JOB <u>Yes</u>
CSG. IN HOLE	5/5/2008	2:30 PM	Bbls CMT CIRC TO SURFACE <u>5</u>
BEGIN CIRC	5/8/2008	8:18 AM	RECIPROCATED PIPE FOR <u>N/A</u>
BEGIN PUMP CMT	5/8/2008	8:27 AM	
BEGIN DSPL. CMT	5/8/2008	8:40 AM	BUMPED PLUG TO <u>550</u> PSI
PLUG DOWN	5/8/2008	<b>8:46 AM</b>	

CEMENT USED 160 SKS CEMENT COMPANY- **B. J.**

STAGE	# SX	CEMENT TYPE & ADDITIVES
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield

CENTRALIZER & SCRATCHER PLACEMENT SHOW MAKE & SPACING  
 Centralizers - Middle first, top second & third for 3

COMPANY REPRESENTATIVE Ryan Crum DATE 5/8/2008

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 reverse side**

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)  
 2004 FSL 1986 FWL  
 SESW Section 31 T8S R18E

5. Lease Serial No.  
 USA UTU-74404

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
 SUNDANCE UNIT

8. Well Name and No.  
 SUNDANCE FEDERAL 14-31-8-18

9. API Well No.  
 4304734287

10. Field and Pool, or Exploratory Area  
 MONUMENT BUTTE

11. County or Parish, State  
 Uintah, 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	Weekly Status Report
	<input type="checkbox"/> Convert to	<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.)

On 5/13/08 MIRU NDSI Rig # 2. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 272'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6283'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 135 jt's of 5.5 J-55, 15.5# csgn. Set @ 6256.77' KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 0 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 105,000 #'s tension. Release rig @ 9:00 PM on 5/20/08.

I hereby certify that the foregoing is true and correct (Printed/ Typed) James Smith	Title Drilling Foremen
Signature	Date 05/22/2008

**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 reverse)

**RECEIVED**

**MAY 27 2008**

DIV. OF OIL, GAS & MINING

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

5 1/2" CASING SET AT 6256.77

Flt clr @ 6210.48

LAST CASING 8 5/8" SET AT 315.98'  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING 12'  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 6275' Logger 6275  
 HOLE SIZE 7 7/8"

OPERATOR Newfield Production Company  
 WELL Sundance Fed 14-31-8-18  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # NDSI Rig # 2

**LOG OF CASING STRING:**

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		<b>6.49' short jt @ 4183'</b>					
<b>134</b>	<b>5 1/2"</b>	ETC LT & C casing	<b>15.5#</b>	<b>J-55</b>	<b>8rd</b>	<b>A</b>	6196.48
		Float collar					0.6
<b>1</b>	<b>5 1/2"</b>	ETC LT&C csg	<b>15.5#</b>	<b>J-55</b>	<b>8rd</b>	<b>A</b>	47.04
		<b>GUIDE</b> shoe			<b>8rd</b>	<b>A</b>	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6258.77
TOTAL LENGTH OF STRING		6258.77	135	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		319.4	7	CASING SET DEPTH			<b>6256.77</b>
TOTAL		<b>6562.92</b>	142				

} COMPARE

TIMING	1ST STAGE	2nd STAGE	
BEGIN RUN CSG.	5/20/2008	9:30 AM	GOOD CIRC THRU JOB <u>No Lost returns @ Mud clean</u>
CSG. IN HOLE	5/20/2008	12:30 PM	Bbls CMT CIRC TO SURFACE <u>0</u>
BEGIN CIRC	5/20/2008	12:45 PM	RECIPROCATED PIPE FOR <u>THRUSTROKE NO</u>
BEGIN PUMP CMT	5/20/2008	3:00 PM	DID BACK PRES. VALVE HOLD ? <u>yes</u>
BEGIN DSPL. CMT	5/20/2008	3:55 PM	BUMPED PLUG TO _____ PSI
PLUG DOWN	5/20/2008	4:20 PM	

CEMENT USED		CEMENT COMPANY- <b>B. J.</b>
STAGE	# SX	CEMENT TYPE & ADDITIVES
<b>1</b>	<b>300</b>	Prem-lite II w/ 10% gel + 3% KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake
		mixed @ 11.0 ppg W / 3.49 cf/sk yield
<b>2</b>	<b>450</b>	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD

CENTRALIZER & SCRATCHER PLACEMENT SHOW MAKE & SPACING  
 Centralizers - Middle first, top second & third. Then every third collar for a total of 20.

COMPANY REPRESENTATIVE Jim Smith DATE 5/20/2008

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

5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-74404
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: SUNDANCE UNIT
8. WELL NAME and NUMBER: SUNDANCE FEDERAL 14-31-8-18
9. API NUMBER: 4304734287
10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE

**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.

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

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: 2004 FSL 1986 FWL COUNTY: UINTAH

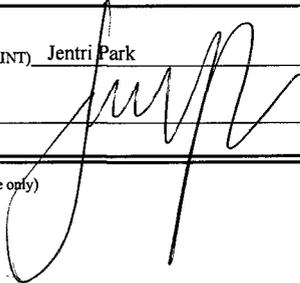
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESW, 31, T8S, R18E STATE: UT

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 type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: 07/08/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
The above subject well was completed on 06/16/08, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk

SIGNATURE  DATE 07/08/2008

(This space for State use only)

**RECEIVED**  
**JUL 14 2008**  
**DIV. OF OIL, GAS & MINING**

## Daily Activity Report

Format For Sundry

FEDERAL 14-31-8-18

4/1/2008 To 8/30/2008

6/4/2008 Day: 1

Completion

Rigless on 6/3/2008 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6172' & cement top @ 650'. Perforate stage #1, CP4 sds @ 6028-36' & CP5 sds @ 6064-76' w/ 3-1/8" Slick Guns (19 gram, .49"EH. 120°) w/ 4 spf for total of 80 shots. 136 BWTR. SWIFN.

6/10/2008 Day: 2

Completion

Rigless on 6/9/2008 - Stage #1, CP4 & CP5 sands. RU BJ Services. 0 psi on well. Frac CP4 & CP5 sds w/ 40,493#'s of 20/40 sand in 445 bbls of Lightning 17 fluid. Broke @ 2206 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2096 psi @ ave rate of 24.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 1991 psi. Leave pressure on well. 581 BWTR Stage #2, CP2 sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 7' perf gun. Set plug @ 5990'. Perforate CP2 sds @ 5905- 5912' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 28 shots. RU BJ Services. 1466 psi on well. Frac CP2 sds w/ 30,481#'s of 20/40 sand in 411 bbls of Lightning 17 fluid. Broke @ 1812 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2283 psi @ ave rate of 24.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 1989 psi. Leave pressure on well. 992 BWTR Stage #3, LODC sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 26' perf gun. Set plug @ 5800'. Perforate LODC sds @ 5664- 5690' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 104 shots. RU BJ Services. 1550 psi on well. Frac LODC sds w/ 175,461#'s of 20/40 sand in 1219 bbls of Lightning 17 fluid. Broke @ 2070 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1975 psi @ ave rate of 24.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2018 psi. Leave pressure on well. 2211 BWTR Stage #4, LODC sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 16' perf gun. Set plug @ 5622' (Tagged sand @ 5628'). Perforate LODC sds @ 5574- 5590' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 64 shots. RU BJ Services. 1191 psi on well. Frac LODC sds w/ 80,370#'s of 20/40 sand in 649 bbls of Lightning 17 fluid. Broke @ 3617 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2175 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 2152 psi. Leave pressure on well. 2860 BWTR Stage #5, A3 sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 12' & 44' perf gun. Set plug @ 5540'. Perforate A3 sds @ 5484- 5496', 5410- 5454' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 224 shots (2 runs). RU BJ Services. 1260 psi on well. Frac A3 sds w/ 347,992#'s of 20/40 sand in 2319 bbls of Lightning 17 fluid. Broke @ 3318 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1839 psi @ ave rate of 24.4 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISIP 1840 psi. Leave pressure on well. 5179 BWTR Stage #6, A.5 sands. RU Perforators WLT, crane &

lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 12' perf gun. Set plug @ 5390'. Perforate A.5 sds @ 5338- 5350' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 48 shots. RU BJ Services. 1630 psi on well. Frac A.5 sds w/ 46,164#'s of 20/40 sand in 419 bbls of Lightning 17 fluid. Broke @ 2402 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 3190 psi @ ave rate of 24.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #7. Screened out w/ 51 bbls left in flush. 33,806#'s in perfs, 12,358#'s left in csg. ISIP 4150 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 11 hrs & died. Rec 660 BTF. SIWFN

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6/11/2008 Day: 3

Completion

Rigless on 6/10/2008 - Stage #7, B1 sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 32' & 16' perf gun. Set plug @ 5300'. Perforate B1 sds @ 5216- 5248', 5192-5208' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 192 shots. RU BJ Services. 498 psi on well. Frac B1 sds w/ 200,571#'s of 20/40 sand in 1363 bbls of Lightning 17 fluid. Broke @ 1328 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1311 psi @ ave rate of 24 BPM. Pumped 504 gals of 15% HCL in flush for Stage #8. ISIP 1550 psi. Leave pressure on well. 6783 BWTR. Stage #8, GB6 sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 11' perf gun. Set plug @ 4600'. Perforate GB6 sds @ 4504- 4515' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 44 shots. RU BJ Services. 1280 psi on well. Frac GB6 sds w/ 33,531#'s of 20/40 sand in 416 bbls of Lightning 17 fluid. Broke @ 1757 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2218 psi @ ave rate of 23.5 BPM. ISIP 1445 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 3 hrs. 180 BTF. Turned to oil & gas. Move in Western rig #4. Could not RU due to wind. SIWFN w/ 7019 BWTR.

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6/12/2008 Day: 4

Completion

Western #4 on 6/11/2008 - 360 psi on well, Heavy gas & oil. RU Western #4. RU Perforators WLT. RIH w/ Weatherford 5-1/2" 5K composite solid frac plug. Set plug @ 4490'. Bleed off pressure. RD WL. ND Cameron BOP & 5M WH. Talley, PU & RIH w/ 4 3/4" chomp bit, Bit sub & 2 7/8 tbg. Tagged plug @ 4490'. RU Nabors power swivel. Drill out plug. Continue PU & RIH w/ tbg. Tagged plug @ 4600', Drilled up in 14 mins. Circulate well clean w/ EOT @ 4614'. SIWFN w/ 6969 BWTR.

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6/13/2008 Day: 5

Completion

Western #4 on 6/12/2008 - 50 psi on tbg, 70 psi on csg. Bleed off pressure. Continue talley, PU & RIH w/ 2 7/8 tbg. Tagged sand @ 5268'. RU Nabors power swivel. Circulate sand & drill out following plugs. Sand @ 5268', Plug @ 5300' (Drilled up in 25 mins). No sand, Plug @ 5390' (Drilled up in 23 mins). No sand, Plug @ 5540' (Drilled up in 14 mins). Sand @ 5545'. Plug @ 5622' (Drilled up in 15 mins). Sand @ 5632', Plug @ 5800' (Drilled up in 13 mins). Circulate hole for 1 1/2 hrs, Giving up sand. Sand @ 5975', Plug @ 5990' (Drilled up in 18 mins). Tagged sand @ 6055'. Clean out to PBD @ 6208'. Circulate well clean. LD 2 jts of tbg. EOT @ 6135'. SIWFN w/ 7049 BWTR.

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6/14/2008 Day: 6

Completion

Western #4 on 6/13/2008 - 60 psi on tbg, 70 psi on csg. Bleed off pressure. RU

swab equipment. IFL @ surface. Made 14 swab runs. Rec 195 BTF, FFL @ 500'. Trace of oil, No sand. RIH w/ 2 7/8 tbg. Tagged sand @ 6190'. C/O to PBTD @ 6208'. Circulate well clean. LD extra tbg. TOH w/ tbg. LD bit & bitsub. PU & RIH w/ production tbg as follows: NC, 1-jt, SN, 2-jts, TA, 191 jts of 2 7/8" J-55 tbg. ND BOP. Set TA w/ 16,000#'s of tension @ 6012.63', SN @ 6078.21', EOT @ 6111.22'. NU WH. Flush tbg w/ 60 BW. SIWFN w/ 6889 BWTR.

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6/17/2008 Day: 7

Completion

Western #4 on 6/16/2008 - 0 psi on tbg, 240 psi on csg. PU & prime rod pump. PU & RIH w/ "A" grade rods as follow: "CDI" 2 1/2" X 1 3/4" X 20', Shear coupling (21K), 4- 1 1/2" wt bars, 237- 7/8" guided rods (8 per), 1-2', 1-6' X 7/8" ponie rods, 1 1/2" X 26 Polish rod. Hang head, Space out rods. Fill tbg w/ 2 bbls of wtr. Pressure test w/ unit to 800 psi. RD MOSU. FINAL REPORT!!! POP @ 12:30 W/ 124" @ 4 SPM. 6889 BWTR.

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Pertinent Files: Go to File List

RECEIVED

JUL 14 2008

DIV. OF OIL, GAS & MINING

**UTAH DIVISION OF OIL, GAS AND MINING**

**NOTICE OF REPORTING PROBLEMS**

Operator: Newfield Production Company Account: N2695 Today's Date: 10/23/2008

Problems:

- Late Report(s)
- Inaccurate Report(s)
- Incomplete Report(s)
- Other: \_\_\_\_\_

Failure to submit reports in a timely, accurate, and complete manner may result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

**To avoid compliance action, these reporting problems should be resolved within 7 days.**

Send reports to:

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

Fax to:

435-047-34287  
(801) 359-3940  
*31 85 10e  
Sundance Fed 14-31-8-18*

Type of Report	Month(s) of Problem Report		
<input type="checkbox"/> Production – Form 10 <input type="checkbox"/> Disposition – Form 11 <input type="checkbox"/> Gas Plant – Form 13 <input type="checkbox"/> Enhanced Recovery – UIC Form 2 <input type="checkbox"/> Injection – UIC Form 3 <input type="checkbox"/> Other _____			
Type of Report	Well Name(s)	API Number(s)	Drilling Commenced
<input type="checkbox"/> Spud Notice – Form 9 <input checked="" type="checkbox"/> Drilling Reports – Form 9 <input type="checkbox"/> Well Completion Report – Form 8 <input type="checkbox"/> Other _____	<input checked="" type="checkbox"/> List Attached		

Description of Problem:

Per R649-3-6 2.4 The operator shall submit a monthly status report for each drilling well on Form 9, Sundry Notice and Reports on Wells. The report should include the well depth and a description of the operations conducted on the well during the month.

If you have questions or concerns regarding this matter, please contact Rachel Medina at (801) 538-5260 .

cc: Compliance File  
RAM  
Well File  
CHD



(See other instructions on reverse side)

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

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

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

1a. TYPE OF WORK

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.

UTU-74404

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

Federal

8. FARM OR LEASE NAME, WELL NO.

Federal 14-31-8-18

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

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

At Surface 660' FSL & 4932' EWL (SE/SW) Sec. 31, T8S, R18E

At top prod. Interval reported below

2004 fsl 1986 fwl.  
per HSM review

At total depth

481 fsl 1955 fwl

14. API NO. 43-047-34287 DATE ISSUED 04/08/08

12. COUNTY OR PARISH Uintah 13. STATE UT

15. DATE SPUNDED 05/03/09 16. DATE T.D. REACHED 05/19/08 17. DATE COMPL. (Ready to prod.) 06/16/08 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 4980' GL 4992' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6283' 6120 21. PLUG BACK T.D., MD & TVD 6208' 6047 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY -----> 24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\* Green River 4504'-6076'

25. WAS DIRECTIONAL SURVEY MADE No Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	316'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6257'	7-7/8"	300 sx Premlite II and 450 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5835'	TA @ 5605'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	AMOUNT AND KIND OF MATERIAL USED
(CP4) 6028'-6036', 6064'-6076'	.49"	4/80	6028'-6076'		Frac w/ 40,493# 20/40 sand in 445 bbls fluid
(CP2) 5905'-5912'	.49"	4/28	5905'-5912'		Frac w/ 30,481# 20/40 sand in 411 bbls fluid
(LODC) 5664'-5690'	.49"	4/104	5664'-5690'		Frac w/ 175,461# 20/40 sand in 1219 bbls fluid
(LODC) 5574'-5590'	.49"	4/64	5574'-5590'		Frac w/ 80,370# 20/40 sand in 649 bbls fluid
(A3) 5484'-5496', 5410'-5454'	.49"	4/224	5410'-5496'		Frac w/ 347,992# 20/40 sand in 2319 bbls fluid
(A.5) 5338'-5350'	.49"	4/48	5338'-5350'		Frac w/ 46,164# 20/40 sand in 419 bbls fluid
(B1) 5216'-5248', 5192'-5208'	.49"	4/192	5192'-5248'		Frac w/ 200,571# 20/40 sand in 1363 bbls fluid
(GB6) 4504'-4515'	.49"	4/44	4504'-4515'		Frac w/ 33,531# 20/40 sand in 416 bbls fluid

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)					
06/17/08	2-1/2" x 1-3/4" x 16' x 20' RHAC CDI pump	PRODUCING					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
06/24/08			→	154	43	24	279
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
		→					

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED Jenri Park

TITLE Production Tech

DATE 2/9/2009

RECEIVED

FEB 10 2009

JP

(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).

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	TOP
				MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 14-31-8-18	Garden Gulch Mkr 3970'	
				Garden Gulch 1 4145'	
				Garden Gulch 2 4259'	
				Point 3 Mkr 4524'	
				X Mkr 4746'	
				Y-Mkr 4782'	
				Douglas Creek Mkr 4910'	
				BiCarbonate Mkr 5125'	
				B Limestone Mkr 5302'	
				Castle Peak 5795'	
				Basal Carbonate 6212'	
				Total Depth (LOGGERS) 6275'	



**Scientific  
Drilling**

### Directional Survey Certification

7327 West Barton Road  
Casper, WY 82604  
(307)-472-6621 Fax (307) 472-5439

RE: <u>Newfield Exploration Co.</u>	<b>Operator</b>
<u>Sundance Federal 14-31-8-18</u>	<b>Well Name &amp; No.</b>
<u>Uintah County, UT</u>	<b>County &amp; State</b>
<u>42DEF0805366</u>	<b>SDI Job No.</b>

I, Julie Cruse, having personal knowledge of all the facts, hereby certify that the attached directional survey run from a measured depth of 0 feet to a measured depth of 6283 feet is true and correct as determined from all available records.

Julie Cruse  
Signature

Rockies Region Engineer  
Title

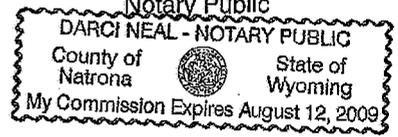
Scientific Drilling International  
Company

State of : Wyoming }  
County of : Natrona } ss

On this 22nd day of May, 2008, before me personally appeared Julie Cruse to me known as the person described in and who executed the foregoing instrument and acknowledged that (s)he executed the same as his/her free act and deed.

Seal Darci Neal  
Notary Public

Aug 12, 2009  
My Commission Expires





**Scientific  
Drilling**

### Directional Survey Certification

7327 West Barton Road  
Casper, WY 82604  
(307)-472-6621 Fax (307) 472-5439

RE: _____	<b>Operator</b>
_____	<b>Well Name &amp; No.</b>
_____	<b>County &amp; State</b>
_____	<b>SDI Job No.</b>

I, Julie Cruse, having personal knowledge of all the facts, hereby certify that the attached directional survey run from a measured depth of 0 feet to a measured depth of 6283 feet is true and correct as determined from all available records.

_____	<u>Rockies Region Engineer</u>	<u>Scientific Drilling International</u>
Signature	Title	Company

State of : Wyoming }  
 County of : Natrona } ss

On this \_\_\_\_\_ day of \_\_\_\_\_, 2008, before me personally appeared \_\_\_\_\_ to me known as the person described in and who executed the foregoing instrument and acknowledged that (s)he executed the same as his/her free act and deed.

Seal \_\_\_\_\_  
 Notary Public My Commission Expires \_\_\_\_\_

# **Newfield Exploration Co.**

Uintah County, UT NAD83 UTC

Sundance Federal 14-31-8-18

Sundance Federal 14-31-8-18

OH

Design: OH

## **Standard Survey Report**

20 May, 2008

# Scientific Drilling

## Survey Report

<b>Company:</b> Newfield Exploration Co. <b>Project:</b> Uintah County, UT NAD83 UTC <b>Site:</b> Sundance Federal 14-31-8-18 <b>Well:</b> Sundance Federal 14-31-8-18 <b>Wellbore:</b> OH <b>Design:</b> OH	<b>Local Co-ordinate Reference:</b> Well Sundance Federal 14-31-8-18 <b>TVD Reference:</b> GL 4980' & RKB 12' @ 4992.00ft (NDSI 2) <b>MD Reference:</b> GL 4980' & RKB 12' @ 4992.00ft (NDSI 2) <b>North Reference:</b> True <b>Survey Calculation Method:</b> Minimum Curvature <b>Database:</b> EDM 2003.16 Multi-User Db	
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<b>Project</b> Uintah County, UT NAD83 UTC		
<b>Map System:</b> US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b> North American Datum 1983		
<b>Map Zone:</b> Utah Central Zone		

<b>Site</b> Sundance Federal 14-31-8-18, Sec 31 T8S R18E					
<b>Site Position:</b>		<b>Northing:</b>	7,199,027.89 ft	<b>Latitude:</b>	40° 4' 21.660 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,077,394.94 ft	<b>Longitude:</b>	109° 56' 18.260 W
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	in	<b>Grid Convergence:</b>	1.00 °

<b>Well</b> Sundance Federal 14-31-8-18, 2004' FSL, 1986' FWL					
<b>Well Position</b>	<b>+N/-S</b>	0.00 ft	<b>Northing:</b>	7,199,027.89 ft	<b>Latitude:</b> 40° 4' 21.660 N
	<b>+E/-W</b>	0.00 ft	<b>Easting:</b>	2,077,394.94 ft	<b>Longitude:</b> 109° 56' 18.260 W
<b>Position Uncertainty</b>		0.00 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b> 4,980.00 ft

<b>Wellbore</b> OH					
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination</b>	<b>Dip Angle</b>	<b>Field Strength</b>
	IGRF2005-10	2008-05-09	(°) 11.65	(°) 65.93	(nT) 52,639

<b>Design</b> OH					
<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>		<b>Depth From (TVD)</b>	<b>+N/-S</b>	<b>+E/-W</b>	<b>Direction</b>
		(ft)	(ft)	(ft)	(°)
		0.00	0.00	0.00	182.30

<b>Survey Program</b> Date 2008-05-20					
<b>From</b>	<b>To</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
(ft) 355.00	(ft) 6,283.00	Survey #1 (OH)	MWD	MWD - Standard	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
355.00	0.21	141.69	355.00	-0.51	0.40	0.49	0.06	0.06	0.00
386.00	0.44	156.40	386.00	-0.66	0.49	0.64	0.78	0.74	47.45
416.00	0.59	162.20	416.00	-0.92	0.58	0.89	0.53	0.50	19.33
447.00	0.77	159.05	447.00	-1.28	0.70	1.23	0.59	0.68	-10.16
478.00	1.08	160.23	477.99	-1.73	0.88	1.70	1.00	1.00	3.81
508.00	1.48	170.26	507.98	-2.38	1.04	2.34	1.52	1.33	33.43
539.00	1.87	174.38	538.97	-3.28	1.15	3.23	1.32	1.26	13.29
570.00	1.98	172.81	569.95	-4.31	1.27	4.26	0.39	0.35	-5.06
600.00	2.54	175.70	599.93	-5.49	1.39	5.43	1.90	1.87	9.63
631.00	2.83	178.11	630.90	-6.94	1.46	6.88	1.00	0.94	7.77
662.00	3.05	180.30	661.85	-8.53	1.48	8.46	0.80	0.71	7.06
693.00	3.30	182.20	692.81	-10.25	1.44	10.18	0.87	0.81	6.13

# Scientific Drilling

## Survey Report

<b>Company:</b> Newfield Exploration Co.	<b>Local Co-ordinate Reference:</b> Well Sundance Federal 14-31-8-18
<b>Project:</b> Uintah County, UT NAD83 UTC	<b>TYD Reference:</b> GL 4980' & RKB 12' @ 4992.00ft (NDSI 2)
<b>Site:</b> Sundance Federal 14-31-8-18	<b>MD Reference:</b> GL 4980' & RKB 12' @ 4992.00ft (NDSI 2)
<b>Well:</b> Sundance Federal 14-31-8-18	<b>North Reference:</b> True
<b>Wellbore:</b> OH	<b>Survey Calculation Method:</b> Minimum Curvature
<b>Design:</b> OH	<b>Database:</b> EDM 2003.16 Multi-User Db

### Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
723.00	3.69	184.70	722.75	-12.07	1.33	12.01	1.40	1.30	8.33
754.00	4.18	185.60	753.68	-14.19	1.14	14.13	1.59	1.58	2.90
785.00	4.69	186.30	784.59	-16.57	0.89	16.52	1.65	1.65	2.26
815.00	5.20	186.73	814.47	-19.14	0.60	19.10	1.70	1.70	1.43
846.00	5.86	184.90	845.33	-22.11	0.30	22.09	2.20	2.13	-5.90
877.00	6.29	186.17	876.15	-25.38	-0.02	25.36	1.45	1.39	4.10
908.00	6.77	184.66	906.95	-28.89	-0.35	28.88	1.64	1.55	-4.87
938.00	7.02	185.23	936.74	-32.48	-0.66	32.48	0.86	0.83	1.90
970.00	7.26	185.81	968.49	-36.44	-1.04	36.45	0.78	0.75	1.81
1,000.00	7.47	184.32	998.24	-40.27	-1.38	40.29	0.95	0.70	-4.97
1,031.00	7.54	184.96	1,028.98	-44.30	-1.71	44.34	0.35	0.23	2.06
1,063.00	7.76	184.08	1,060.69	-48.55	-2.05	48.59	0.78	0.69	-2.75
1,094.00	8.11	182.62	1,091.39	-52.82	-2.30	52.87	1.30	1.13	-4.71
1,125.00	8.66	180.37	1,122.06	-57.34	-2.41	57.39	2.07	1.77	-7.26
1,154.00	9.20	179.88	1,150.71	-61.84	-2.42	61.89	1.88	1.86	-1.69
1,186.00	9.23	180.09	1,182.30	-66.97	-2.42	67.01	0.14	0.09	0.66
1,217.00	9.69	180.36	1,212.88	-72.06	-2.44	72.10	1.49	1.48	0.87
1,248.00	10.13	180.10	1,243.41	-77.40	-2.46	77.43	1.43	1.42	-0.84
1,279.00	10.37	181.61	1,273.92	-82.91	-2.54	82.95	1.16	0.77	4.87
1,310.00	10.60	181.42	1,304.40	-88.55	-2.69	88.59	0.75	0.74	-0.61
1,340.00	10.86	180.22	1,333.88	-94.13	-2.77	94.17	1.14	0.87	-4.00
1,371.00	11.25	181.59	1,364.30	-100.08	-2.87	100.11	1.52	1.26	4.42
1,402.00	11.72	181.93	1,394.68	-106.25	-3.06	106.28	1.53	1.52	1.10
1,433.00	12.47	182.40	1,424.99	-112.74	-3.30	112.78	2.44	2.42	1.52
1,464.00	13.06	183.18	1,455.23	-119.58	-3.64	119.63	1.98	1.90	2.52
1,495.00	13.37	182.97	1,485.40	-126.66	-4.02	126.71	1.01	1.00	-0.68
1,527.00	13.64	183.99	1,516.52	-134.11	-4.47	134.19	1.13	0.84	3.19
1,558.00	13.96	184.38	1,546.63	-141.49	-5.01	141.58	1.07	1.03	1.26
1,651.00	14.84	185.35	1,636.70	-164.53	-6.98	164.68	0.98	0.95	1.04
1,745.00	15.61	180.86	1,727.41	-189.16	-8.29	189.34	1.50	0.82	-4.78
1,840.00	16.59	177.36	1,818.68	-215.49	-7.86	215.64	1.45	1.03	-3.68
1,932.00	15.93	178.24	1,907.00	-241.23	-6.86	241.31	0.77	-0.72	0.96
2,023.00	15.70	181.37	1,994.56	-266.03	-6.78	266.08	0.97	-0.25	3.44
2,117.00	15.64	179.86	2,085.06	-291.41	-7.05	291.46	0.44	-0.06	-1.61
2,212.00	15.74	180.81	2,176.52	-317.10	-7.20	317.13	0.29	0.11	1.00
2,306.00	15.28	181.18	2,267.10	-342.23	-7.63	342.26	0.50	-0.49	0.39
2,400.00	16.16	178.68	2,357.59	-367.69	-7.59	367.70	1.18	0.94	-2.66
2,493.00	15.74	176.70	2,447.01	-393.23	-6.56	393.17	0.74	-0.45	-2.13
2,586.00	15.89	179.89	2,536.49	-418.55	-5.81	418.45	0.95	0.16	3.43
2,679.00	15.71	180.47	2,625.97	-443.87	-5.89	443.75	0.26	-0.19	0.62
2,773.00	14.82	181.16	2,716.66	-468.62	-6.24	468.49	0.97	-0.95	0.73
2,867.00	14.22	180.14	2,807.65	-492.18	-6.51	492.05	0.69	-0.64	-1.09
2,961.00	12.18	181.88	2,899.17	-513.64	-6.87	513.50	2.21	-2.17	1.85
3,056.00	12.28	185.36	2,992.01	-533.72	-8.14	533.61	0.78	0.11	3.66
3,149.00	12.46	182.97	3,082.85	-553.58	-9.58	553.52	0.58	0.19	-2.57
3,239.00	14.64	180.12	3,170.34	-574.66	-10.11	574.60	2.53	2.42	-3.17
3,332.00	14.56	176.59	3,260.34	-598.08	-9.44	597.97	0.96	-0.09	-3.80
3,427.00	15.22	177.24	3,352.15	-622.45	-8.13	622.28	0.72	0.69	0.68
3,520.00	16.43	179.49	3,441.63	-647.80	-7.42	647.58	1.46	1.30	2.42
3,613.00	14.94	182.64	3,531.16	-672.93	-7.86	672.70	1.84	-1.60	3.39
3,706.00	14.42	183.06	3,621.13	-696.47	-9.03	696.27	0.57	-0.56	0.45
3,801.00	14.43	184.20	3,713.13	-720.09	-10.53	719.93	0.30	0.01	1.20
3,894.00	14.45	183.41	3,803.19	-743.22	-12.07	743.11	0.21	0.02	-0.85
3,989.00	13.28	180.97	3,895.42	-765.97	-12.95	765.87	1.38	-1.23	-2.57

## Scientific Drilling Survey Report

<b>Company:</b> Newfield Exploration Co.	<b>Local Co-ordinate Reference:</b> Well Sundance Federal 14-31-8-18
<b>Project:</b> Uintah County, UT NAD83 UTC	<b>VD Reference:</b> GL 4980' & RKB 12' @ 4992.00ft (NDSI 2)
<b>Site:</b> Sundance Federal 14-31-8-18	<b>MD Reference:</b> GL 4980' & RKB 12' @ 4992.00ft (NDSI 2)
<b>Well:</b> Sundance Federal 14-31-8-18	<b>North Reference:</b> True
<b>Wellbore:</b> OH	<b>Survey Calculation Method:</b> Minimum Curvature
<b>Design:</b> OH	<b>Database:</b> EDM 2003.16 Multi-User Db

### Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,083.00	12.92	180.44	3,986.98	-787.27	-13.22	787.17	0.40	-0.38	-0.56
4,177.00	13.64	184.53	4,078.47	-808.83	-14.17	808.75	1.26	0.77	4.35
4,274.00	14.23	185.02	4,172.61	-832.11	-16.12	832.08	0.62	0.61	0.51
4,368.00	14.12	183.21	4,263.75	-855.06	-17.77	855.09	0.49	-0.12	-1.93
4,462.00	14.27	178.90	4,354.88	-878.09	-18.19	878.12	1.14	0.16	-4.59
4,556.00	14.72	173.14	4,445.89	-901.54	-16.54	901.47	1.61	0.48	-6.13
4,648.00	15.21	177.38	4,534.78	-925.20	-14.60	925.04	1.30	0.53	4.61
4,740.00	14.14	181.20	4,623.78	-948.49	-14.28	948.30	1.57	-1.16	4.15
4,832.00	13.74	183.14	4,713.07	-970.63	-15.11	970.46	0.67	-0.43	2.11
4,926.00	14.15	184.93	4,804.30	-993.23	-16.71	993.10	0.63	0.44	1.90
5,020.00	13.86	183.03	4,895.50	-1,015.92	-18.30	1,015.83	0.58	-0.31	-2.02
5,114.00	13.85	180.55	4,986.77	-1,038.41	-19.00	1,038.34	0.63	-0.01	-2.64
5,206.00	13.87	182.18	5,076.09	-1,060.44	-19.52	1,060.37	0.42	0.02	1.77
5,300.00	14.76	183.25	5,167.17	-1,083.66	-20.63	1,083.61	0.99	0.95	1.14
5,393.00	14.90	189.53	5,257.08	-1,107.28	-23.28	1,107.32	1.73	0.15	6.75
5,487.00	14.15	188.54	5,348.07	-1,130.56	-26.99	1,130.73	0.84	-0.80	-1.05
5,581.00	14.29	185.39	5,439.19	-1,153.47	-29.79	1,153.74	0.84	0.15	-3.35
5,675.00	14.82	182.85	5,530.18	-1,177.03	-31.47	1,177.34	0.88	0.56	-2.70
5,768.00	14.15	181.80	5,620.22	-1,200.27	-32.42	1,200.60	0.77	-0.72	-1.13
5,860.00	13.90	178.83	5,709.48	-1,222.56	-32.55	1,222.88	0.83	-0.27	-3.23
5,951.00	14.57	178.21	5,797.69	-1,244.93	-31.97	1,245.21	0.78	0.74	-0.68
6,044.00	14.02	181.28	5,887.81	-1,267.88	-31.86	1,268.14	1.01	-0.59	3.30
6,138.00	13.60	179.15	5,979.09	-1,290.32	-31.95	1,290.56	0.70	-0.45	-2.27
6,231.00	12.57	177.99	6,069.67	-1,311.36	-31.43	1,311.57	1.14	-1.11	-1.25
6,283.00	12.57	177.99	6,120.43	-1,322.67	-31.03	1,322.85	0.00	0.00	0.00

### Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
SF 14-31-8-18 BHL	0.00	0.00	6,230.00	-1,344.02	-54.00	7,197,683.12	2,077,364.41	40° 4' 8.377 N	109° 56' 18.955 W
- hit/miss target									
- Shape									
- actual wellpath misses target center by 113.97ft at 6283.00ft MD (6120.43 TVD, -1322.67 N, -31.03 E)									
- Circle (radius 75.00)									

Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-74404
<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> Oil Well		<b>8. WELL NAME and NUMBER:</b> SUNDANCE FED 14-31-8-18
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>9. API NUMBER:</b> 4304734287000
<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> 8 MILE FLAT NORTH
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2004 FSL 1986 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 31 Township: 08.0S Range: 18.0E Meridian: S		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/2/2013  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
		<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>The subject well has been converted from a producing oil well to an injection well on 11/27/2013. Initial MIT on the above listed well. On 12/02/2013 the casing was pressured up to 1783 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 150 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10171</p>		<p><b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 17, 2013</b></p>
<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> 12/9/2013

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 12 / 2 / 13

Test conducted by: Rocky CURRY

Others present: \_\_\_\_\_

Well Name: <u>SUNDANCE FEDERAL 14-31-8-18</u>	Type: ER SWD	Status: AC TA UC
Field: <u>GREATER MONUMENT BUTTE</u>		
Location: <u>SE/SW</u> Sec: <u>31</u> T <u>8</u> N/S <u>R 18</u> E/W	County: _____	State: _____
Operator: <u>NEWFIELD EXPLORATION</u>		
Last MIT: _____	Maximum Allowable Pressure: _____	PSIG

- Is this a regularly scheduled test?     Yes     No
- Initial test for permit?                 Yes     No
- Test after well rework?                 Yes     No
- Well injecting during test?             Yes     No      If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: 0/0 psig

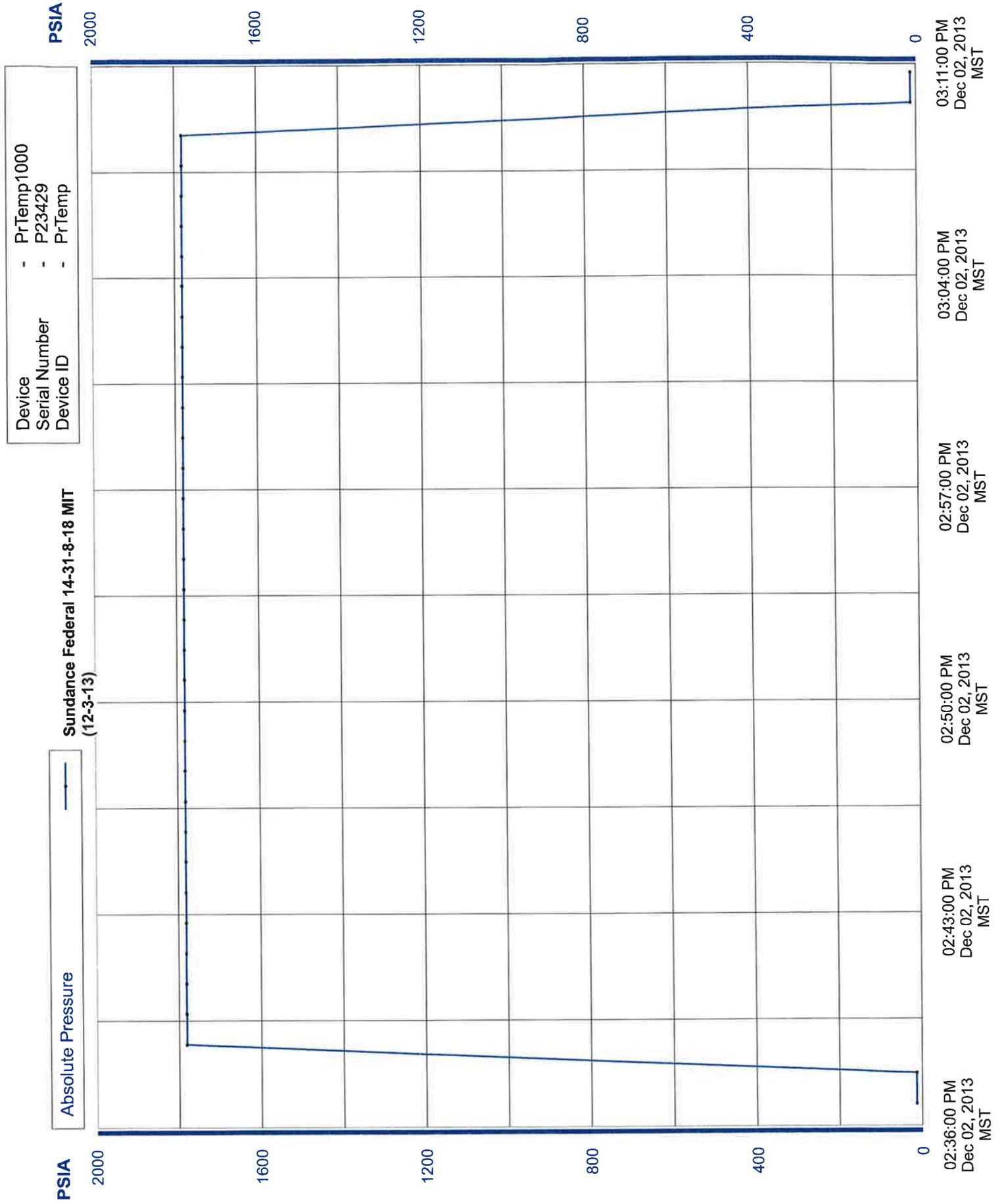
MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>150</u> psig	psig	psig
End of test pressure	<u>150</u> psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1781</u> psig	psig	psig
5 minutes	<u>1782</u> psig	psig	psig
10 minutes	<u>1782</u> psig	psig	psig
15 minutes	<u>1782</u> psig	psig	psig
20 minutes	<u>1782</u> psig	psig	psig
25 minutes	<u>1782</u> psig	psig	psig
30 minutes	<u>1783</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test?     Yes     No

## MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

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



## Daily Activity Report

Format For Sundry  
**FEDERAL 14-31-8-18**  
**9/1/2013 To 1/30/2014**

**11/27/2013 Day: 3**

**Conversion**

NC #3 on 11/27/2013 - TIH w/ Tbg, Drop S/Vlve, Psr Tst Tbg, N/D BOPs, Pmp Plr Fluid, Set Pkr, Psr Tst Csg, R/D & M/O. - 1:30PM-2:00PM Road rig to location. MIRUSU @ 2:00PM. Rig down unit. Pump 60 bbls water @ 250 down csg. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250. Soft seat rods. Fill tbg w/ 10 bbls water & pressure test tbg to 3000 psi. Good test. LD 60 7/8 guided rods. SDFD @ 6:00PM. 6:00PM-6:30PM c/ travel. - 1:30PM-2:00PM Road rig to location. MIRUSU @ 2:00PM. Rig down unit. Pump 60 bbls water @ 250 down csg. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250. Soft seat rods. Fill tbg w/ 10 bbls water & pressure test tbg to 3000 psi. Good test. LD 60 7/8 guided rods. SDFD @ 6:00PM. 6:00PM-6:30PM c/ travel. - 5:30AM-6:00AM c/ travel. Bleed down well. Cont. TIH w/ 101- jts 2 7/8 tbg. Pump 5 bbls water for pad. Drop STD valve. Fill tbg w/ 20 bbls water & pressure test tbg to 3000 psi. Watch pressure for 1 hour. Good test. PU & RIH w/ sandline & fish tool to retrieve STD valve. LD sandline. RD rig floor. ND BOP's. NU well head flange. Pump 70 bbls water mixed w/ pkr fluid down csg. Set Pkr w/ 15000 tesion, CE @ 4442'. Fill csg w/ 30 bbls water mixed w/ pkr fluid & pressure up on csg to 1500 psi. Pressure dropped to 1400 psi in 30 min. Watched for 15 min., pressure dropped to 1350 psi. Pressure started to climb. watched for 30 min & pressure climbed to 1400 psi. Waited 1 hour & pressure climbed to 1450 psi. R/D & M/O NC#3, SDFD @ 5:00. 5:00PM-5:30PM c/ travel. Final Report, Well Ready For MIT - 5:30AM-6:00AM c/ travel. Bleed down well. Cont. TIH w/ 101- jts 2 7/8 tbg. Pump 5 bbls water for pad. Drop STD valve. Fill tbg w/ 20 bbls water & pressure test tbg to 3000 psi. Watch pressure for 1 hour. Good test. PU & RIH w/ sandline & fish tool to retrieve STD valve. LD sandline. RD rig floor. ND BOP's. NU well head flange. Pump 70 bbls water mixed w/ pkr fluid down csg. Set Pkr w/ 15000 tesion, CE @ 4442'. Fill csg w/ 30 bbls water mixed w/ pkr fluid & pressure up on csg to 1500 psi. Pressure dropped to 1400 psi in 30 min. Watched for 15 min., pressure dropped to 1350 psi. Pressure started to climb. watched for 30 min & pressure climbed to 1400 psi. Waited 1 hour & pressure climbed to 1450 psi. R/D & M/O NC#3, SDFD @ 5:00. 5:00PM-5:30PM c/ travel. Final Report, Well Ready For MIT - 1:30PM-2:00PM Road rig to location. MIRUSU @ 2:00PM. Rig down unit. Pump 60 bbls water @ 250 down csg. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250. Soft seat rods. Fill tbg w/ 10 bbls water & pressure test tbg to 3000 psi. Good test. LD 60 7/8 guided rods. SDFD @ 6:00PM. 6:00PM-6:30PM c/ travel. - 5:30AM-6:00AM c/ travel. Bleed down well. Flush tbg & rods w/ 20 bbls water @ 250. Cont. TOH w/ 141- 7/8 guided rods, 20- 3/4 guided rods, 4- 1 1/2 wt bars & rod pump. X-O to tbg eq. ND well head. NU BOP's. RD rig floor. Unset TA. TOH w/ 141 - jts 2 7/8 tbg, breaking collars & applying liquid teflon dope. LD 43- jts 2 7/8 tbg on trailer. PU & TIH w/ guide collar, XN nipple, tbg sub, x/o, pkr, on/off tool, SN & 40- jts tbg for kill string. SDFD @ 6:00PM. 6:00PM-6:30PM c/ travel. - 5:30AM-6:00AM c/ travel. Bleed down well. Flush tbg & rods w/ 20 bbls water @ 250. Cont. TOH w/ 141- 7/8 guided rods, 20- 3/4 guided rods, 4- 1 1/2 wt bars & rod pump. X-O to tbg eq. ND well head. NU BOP's. RD rig floor. Unset TA. TOH w/ 141 - jts 2 7/8 tbg, breaking collars & applying liquid teflon dope. LD 43- jts 2 7/8 tbg on trailer. PU & TIH w/ guide collar, XN nipple, tbg sub, x/o, pkr, on/off tool, SN & 40- jts tbg for kill string. SDFD @ 6:00PM. 6:00PM-6:30PM c/ travel. - 5:30AM-6:00AM c/ travel. Bleed down well. Flush tbg & rods w/ 20 bbls water @ 250. Cont. TOH w/ 141- 7/8 guided rods, 20- 3/4 guided rods, 4- 1 1/2 wt bars & rod pump. X-O to tbg eq. ND well head. NU BOP's. RD rig floor. Unset TA. TOH w/ 141 - jts 2 7/8 tbg, breaking collars & applying liquid teflon dope. LD 43- jts 2 7/8 tbg on trailer. PU & TIH w/ guide collar, XN nipple, tbg sub, x/o, pkr, on/off tool, SN & 40- jts tbg for kill string. SDFD @ 6:00PM. 6:00PM-6:30PM c/ travel. - 5:30AM-6:00AM c/ travel. Bleed down well. Cont. TIH w/ 101- jts 2 7/8 tbg. Pump 5 bbls water for pad. Drop STD valve. Fill tbg w/ 20 bbls water & pressure test tbg to 3000 psi. Watch pressure for 1 hour. Good test. PU & RIH w/ sandline & fish tool to retrieve STD valve.

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R/D & M/O NC#3, SDFD @ 5:00. 5:00PM-5:30PM c/ travel. Final Report, Well Ready For MIT

**Finalized**

**Cumulative Cost:** \$43,624

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**12/3/2013 Day: 4**

**Conversion**

Rigless on 12/3/2013 - Conduct initial MIT - Initial MIT on the above listed well. On 12/02/2013 the casing was pressured up to 1783 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 150 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10171 - Initial MIT on the above listed well. On 12/02/2013 the casing was pressured up to 1783 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 150 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10171 - Initial MIT on the above listed well. On 12/02/2013 the casing was pressured up to 1783 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 150 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10171 **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$61,858

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**Pertinent Files: Go to File List**

# Sundance Federal 14-31-8-18

Spud Date: 5-03-08

Put on Production: 7-18-08  
 GL: 4959' KB: 4971'

## Injection Wellbore Diagram

### SURFACE CASING

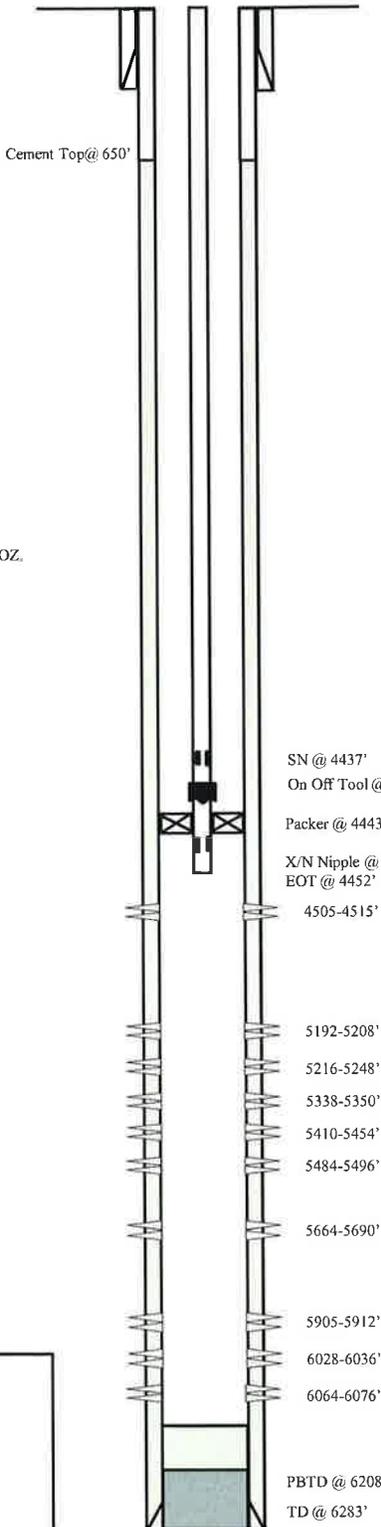
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (305.05')  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 135 jts. (6243.52')  
 HOLE SIZE: 7-7/8"  
 TOTAL DEPTH: 6256.77'  
 CEMENT DATA: 300 sk Prem, Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP AT: 650'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 141 jts (4424.7')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4436.7' KB  
 ON/OFF TOOL AT: 4437.8'  
 ARROW #1 PACKER CE AT: 4442.6'  
 XO 2-3/8 x 2-7/8 J-55 AT: 4446.3'  
 TBG PUP 2-3/8 J-55 AT: 4446.8'  
 X/N NIPPLE AT: 4450.9'  
 TOTAL STRING LENGTH: EOT @ 4452.51'



### FRAC JOB

- 6-09-08 6028-6076' **Frac CP4 & CPS sands as follows:**  
 Frac with 40493 #'s of 20/40 sand in 445 bbls Lightning 17 fluid. Treat at an ave pressure of 2096 psi @ 24.9 BPM. ISIP 1991 psi.
  - 6-09-08 5905-5912' **Frac CP2 sands as follows:**  
 Frac with 30481 #'s of 20/40 sand in 411 bbls Lightning 17 fluid. Treat at an ave pressure of 2283 psi @ 23.6BPM. ISIP 1989 psi.
  - 6-09-08 5664-5690' **Frac LODC sands as follows:**  
 Frac with 175461 #'s of 20/40 sand in 1219 bbls Lightning 17 fluid. Treat at an ave pressure of 1975 psi @ 24.9 BPM. ISIP 2018 psi.
  - 6-09-08 5574-5590' **Frac LODC sands as follows:**  
 Frac with 80370 #'s 20/40 sand in 649 bbls of Lightning 17 fluid. Treat at an ave pressure of 2175 psi @ 24.8 BPM. ISIP 2152 psi.
  - 6-09-08 5410-5496' **Frac A3 sands as follows:**  
 Frac with 347992 #'s 20/40 sand in 2319 bbls of Lightning 17 fluid. Treat at an ave pressure of 1839 psi @ 24.4 BPM. ISIP 1840 psi.
  - 6-09-08 5338-5350' **Frac A.5 sands as follows:**  
 Frac with 46164 #'s 20/40 sand in 419 bbls of Lightning 17 fluid. Treat at an ave pressure of 3190 psi @ 24.3 BPM. ISIP 3190 psi.
  - 6-10-08 5192-5248' **Frac B1 sands as follows:**  
 Frac with 200571 #'s 20/40 sand in 1363 bbls of Lightning 17 fluid. Treat at an ave pressure of 1311 psi @ 24 BPM. ISIP 1550 psi.
  - 6-10-08 4505-4515' **Frac GB6 sands as follows:**  
 Frac with 33531 #'s 20/40 sand in 416 bbls of Lightning 17 fluid. Treat at an ave pressure of 2218 psi @ 23.5 BPM. ISIP 1445 psi.
- 9/28/09 **Pump Change.** Updated rod & tubing detail.  
 2/7/12 **Tubing Leak;** Updated rod & tubing detail  
 11/27/13 **Convert to Injection Well**  
 12/02/13 **Conversion MIT Finalized** - update tbg detail

### PERFORATION RECORD

4504-4515'	4 JSPF	44 holes
5192-5208'	4 JSPF	64 holes
5216-5248'	4 JSPF	128 holes
5338-5350'	4 JSPF	48 holes
5410-5454'	4 JSPF	176 holes
5484-5496'	4 JSPF	64 holes
5574-5590'	4 JSPF	64 holes
5664-5690'	4 JSPF	104 holes
5905-5912'	4 JSPF	28 holes
6028-6036'	4 JSPF	32 holes
6064-6076'	4 JSPF	48 holes



**Sundance Federal 14-31-8-18**  
 2004' FSL & 1986' FWL  
 NESW Section 31-T8S-R18E  
 Uintah Co, Utah  
 API #43-047-34287; Lease #UTU-74404

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-74404
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Water Injection Well		<b>8. WELL NAME and NUMBER:</b> SUNDANCE FED 14-31-8-18
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>9. API NUMBER:</b> 43047342870000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. FIELD and POOL or WILDCAT:</b> 8 MILE FLAT NORTH
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2004 FSL 1986 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 31 Township: 08.0S Range: 18.0E Meridian: S		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/26/2013	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
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 8:45 AM on 12/26/2013. EPA # UT22197-10171		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          December 30, 2013</b>		
<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> 12/30/2013