

NEWFIELD



November 14, 2005

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

RE: Applications for Permit to Drill: 16-31-8-18, 2-9-9-16, 6-9-9-16, 4-4-9-18,
and 8-5-9-18.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 16-31-8-18 and 2-9-9-16 are Exception Locations. Our Land Department will send you the required Exception Location Letter. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,


Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED

NOV 16 2005

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

5. Lease Serial No.
UTU-65969

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA Agreement, Name and No.
Sundance

8. Lease Name and Well No.
Sundance Federal 16-31-8-18

9. API Well No.
43-047-37388

10. Field and Pool, or Exploratory
Eight Mile Flat 510

11. Sec., T., R., M., or Blk. and Survey or Area
SE/SE Sec. 31, T8S R18E

12. County or Parish
Uintah

13. State
UT

1a. Type of Work: DRILL REENTER

1b. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone

2. Name of Operator
Newfield Production Company

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

3b. Phone No. (include area code)
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
At surface SE/SE 1290' FSL 648' FEL 591375X 40.070683
At proposed prod. zone 44359424 - 109.928404

14. Distance in miles and direction from nearest town or post office*
Approximatley 18.7 miles southeast of Myton, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 30' f/lse, 2670' 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. 948'

19. Proposed Depth
6150'

20. BLM/BIA Bond No. on file
UT0056

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
4975' GL

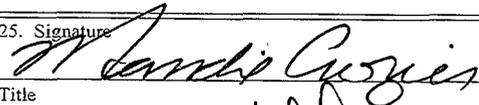
22. Approximate date work will start*
1st Quarter 2006

23. Estimated duration
Approximately seven (7) days from spud to rig release.

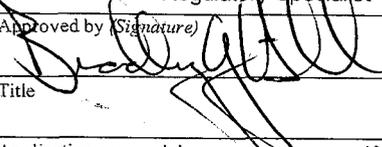
24. Attachments

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.
- 2. A Drilling Plan.
- 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).
- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- 5. Operator certification.
- 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 11/14/05

Title Regulatory Specialist

Approved by (Signature)  Name (Printed/Typed) BRADLEY G. HILL Date 11-17-05

Title ENVIRONMENTAL SCIENTIST III

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)

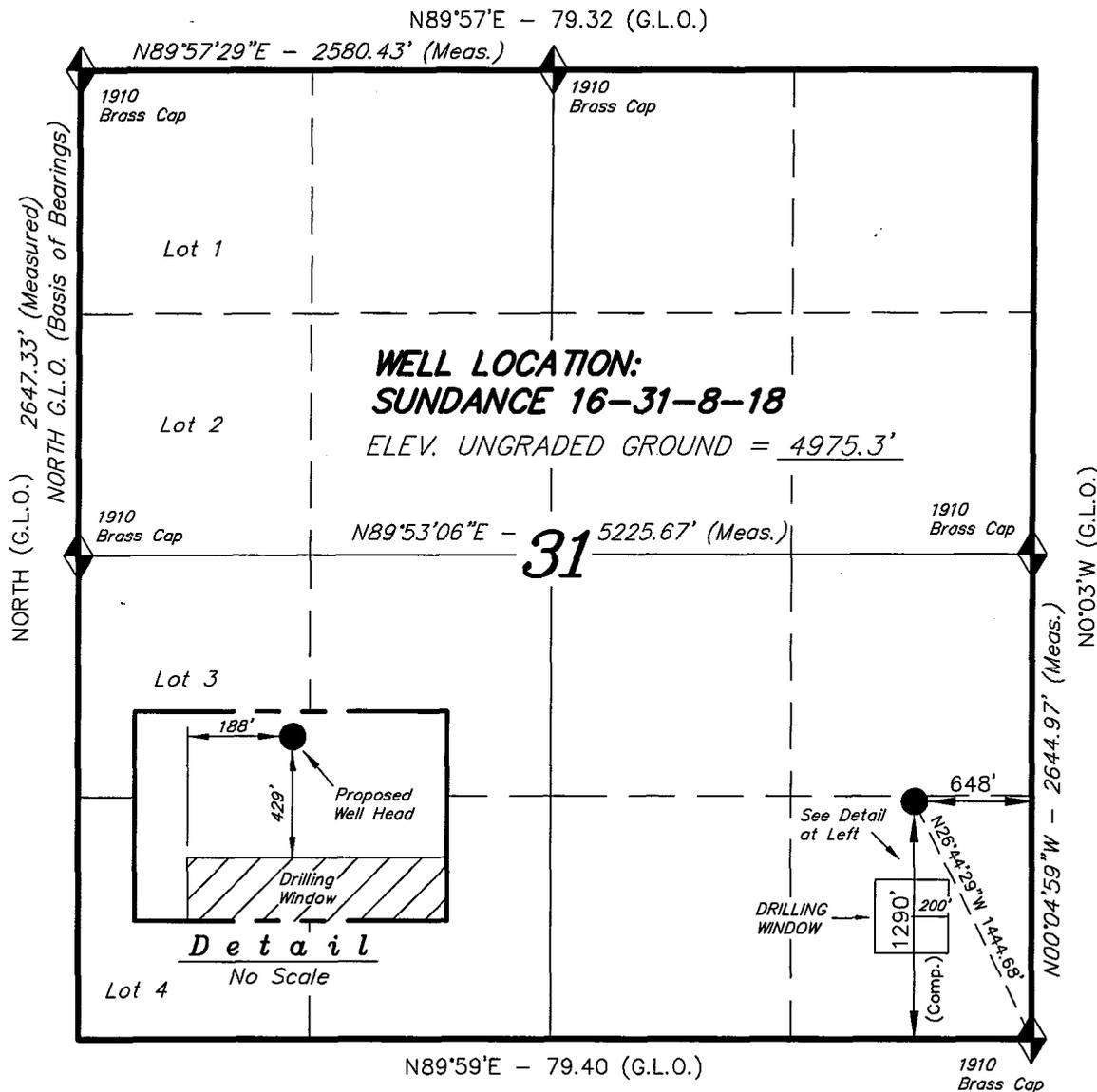
**Federal Approval of this
Action is Necessary**

RECEIVED
NOV 16 2005
DIV. OF OIL, GAS & MINING

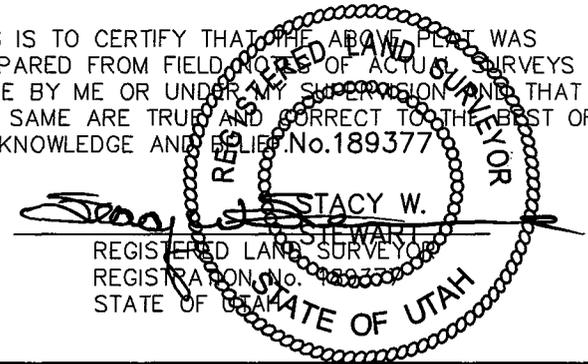
T8S, R18E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, SUNDANCE 16-31-8-18,
 LOCATED AS SHOWN IN THE SE 1/4 SE
 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 FIELD NOTES OF ACTUAL SURVEYS
 MADE BY ME OR UNDER MY SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST OF
 MY KNOWLEDGE AND BELIEF. No. 189377



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

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

SCALE: 1" = 1000'	SURVEYED BY: D.P.
DATE: 9-23-05	DRAWN BY: F.T.M.
NOTES:	FILE #

NEWFIELD PRODUCTION COMPANY
SUNDANCE FEDERAL #16-31-8-18
SE/SE 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' - 2256'
Green River	2256'
Wasatch	6150'

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

Green River Formation 2256' - 6150' - 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 #16-31-8-18
SE/SE 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 #16-31-8-18 located in the SE 1/4 SE 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 northeast; proceed northeasterly - 3.2 miles \pm to it's junction with an existing road to the east; proceed easterly - 1.6 miles \pm to it's junction with an existing road to the southeast; proceed southeasterly - 0.5 miles \pm to it's junction with the beginning of the proposed access road; proceed southeasterly along the proposed access road - 1,090' \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

All permanent surface equipment will be painted Carlsbad Canyon.
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

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

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #01-164, 12/7/01. Paleontological Resource Survey prepared by, Wade E. Miller, 3/1/02. See attached report cover pages, Exhibit "D".

For the Sundance Federal #16-31-8-18 Newfield Production Company requests 1090' of disturbed area be granted in Lease UTU-74404 to allow for construction of the proposed access road. Refer to Topographic Map "B". The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 1090' of disturbed area be granted in Lease UTU-74404 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 6" gas gathering line, and a buried 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. Refer to Topographic Map "C." For a ROW plan of development, please refer to the Monument Butte Field SOP.

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 that 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between March 1 and May 15. If the nest remains inactive on May 15th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location between May 15 and March 1 of the following year. If the nest site becomes active prior to May 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.

Reserve Pit Liner

A 12 mil liner with felt 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)

Rabbit Bush		4 lbs/acre
Shadscale	<i>Atriplex confertifolia</i>	4 lbs/acre
Indian Ricegrass	<i>Oryzopsis hymenoides</i>	3 lbs/acre
Fringed Sage	<i>Artemisia frigida</i>	1 lbs/acre

Details of the On-Site Inspection

The proposed Sundance Federal #16-31-8-18 was on-sited on 7/13/05. The following were present; Shon Mckinnon (Newfeild Production), Byron Tolman (Bureau of Land Management), Melissa Hawk (Bureau of Land Management), and Amy Torres (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

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

Representative

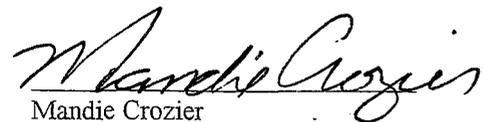
Name: Shon Mckinnon
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #16-31-8-18 SE/SE Section 31, Township 8S, Range 18E: Lease UTU-65969 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.

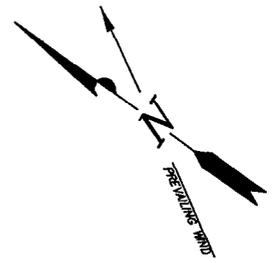
11/14/05
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

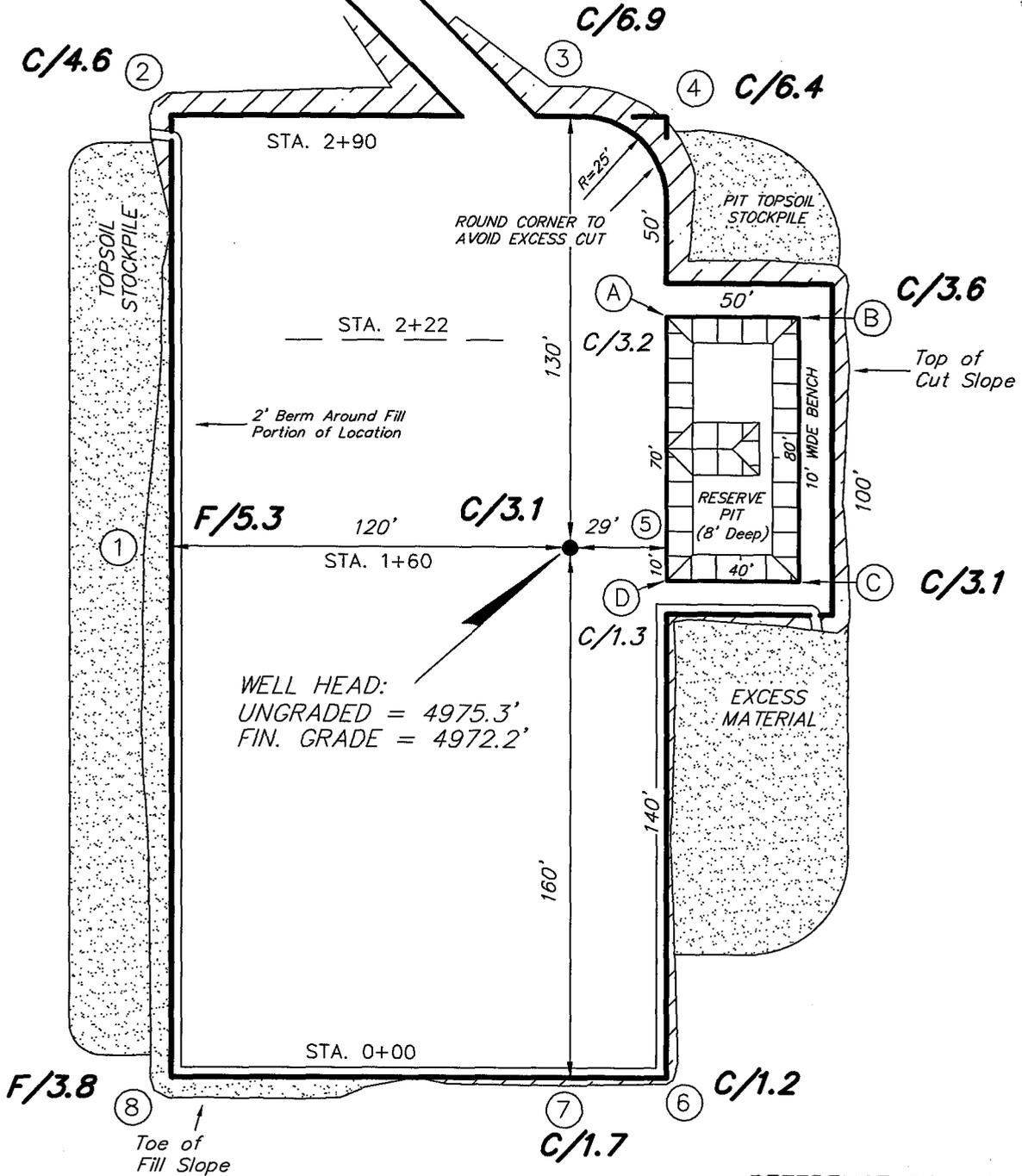
NEWFIELD PRODUCTION COMPANY

SUNDANCE 16-31-8-18

Section 31, T8S, R18E, S.L.B.&M.



PROPOSED ACCESS ROAD (Max. 6% Grade)



WELL HEAD:
UNGRADED = 4975.3'
FIN. GRADE = 4972.2'

REFERENCE POINTS

210' SOUTHWEST	= 4972.8'
260' SOUTHWEST	= 4973.9'
170' NORTHWEST	= 4966.3'
220' NORTHWEST	= 4965.3'

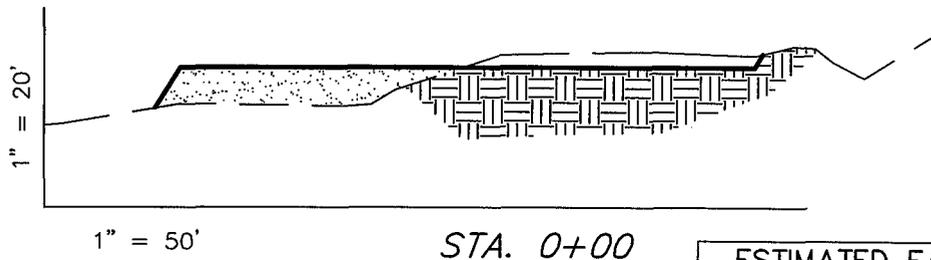
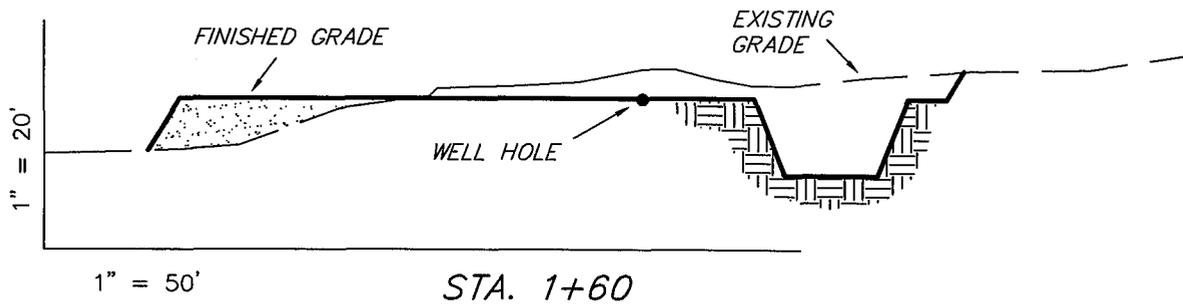
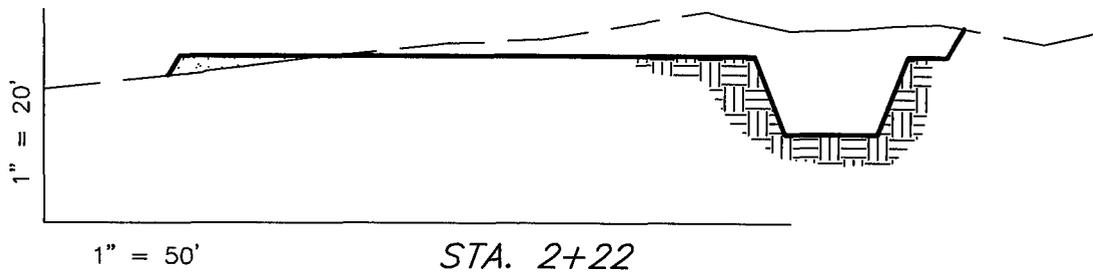
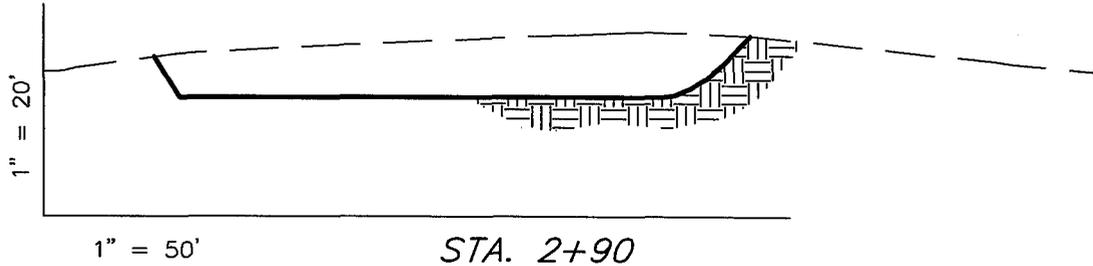
SURVEYED BY: D.P.	SCALE: 1" = 50'
DRAWN BY: F.T.M.	DATE: 9-23-05

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

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

SUNDANCE 16-31-8-18



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

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,350	2,350	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	2,990	2,350	990	640

SURVEYED BY: D.P.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 9-23-05

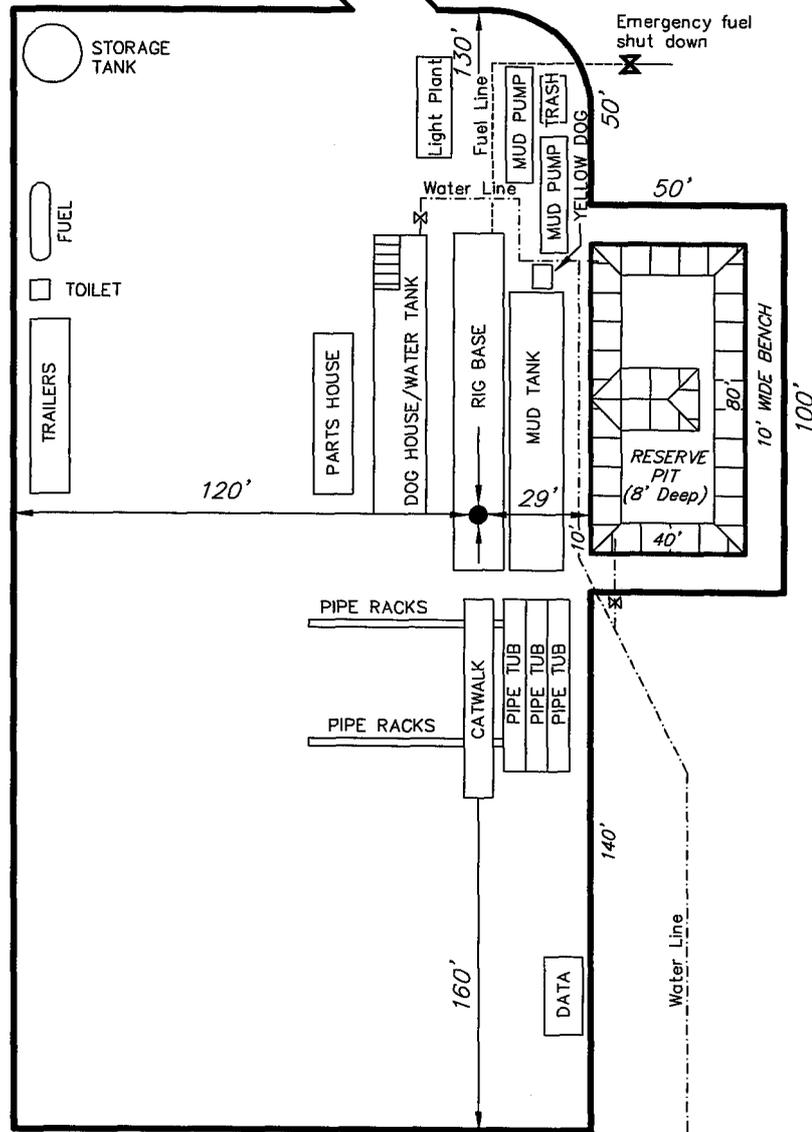
Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

SUNDANCE 16-31-8-18

PROPOSED ACCESS ROAD (Max. 6% Grade)



SURVEYED BY: D.P.

SCALE: 1" = 50'

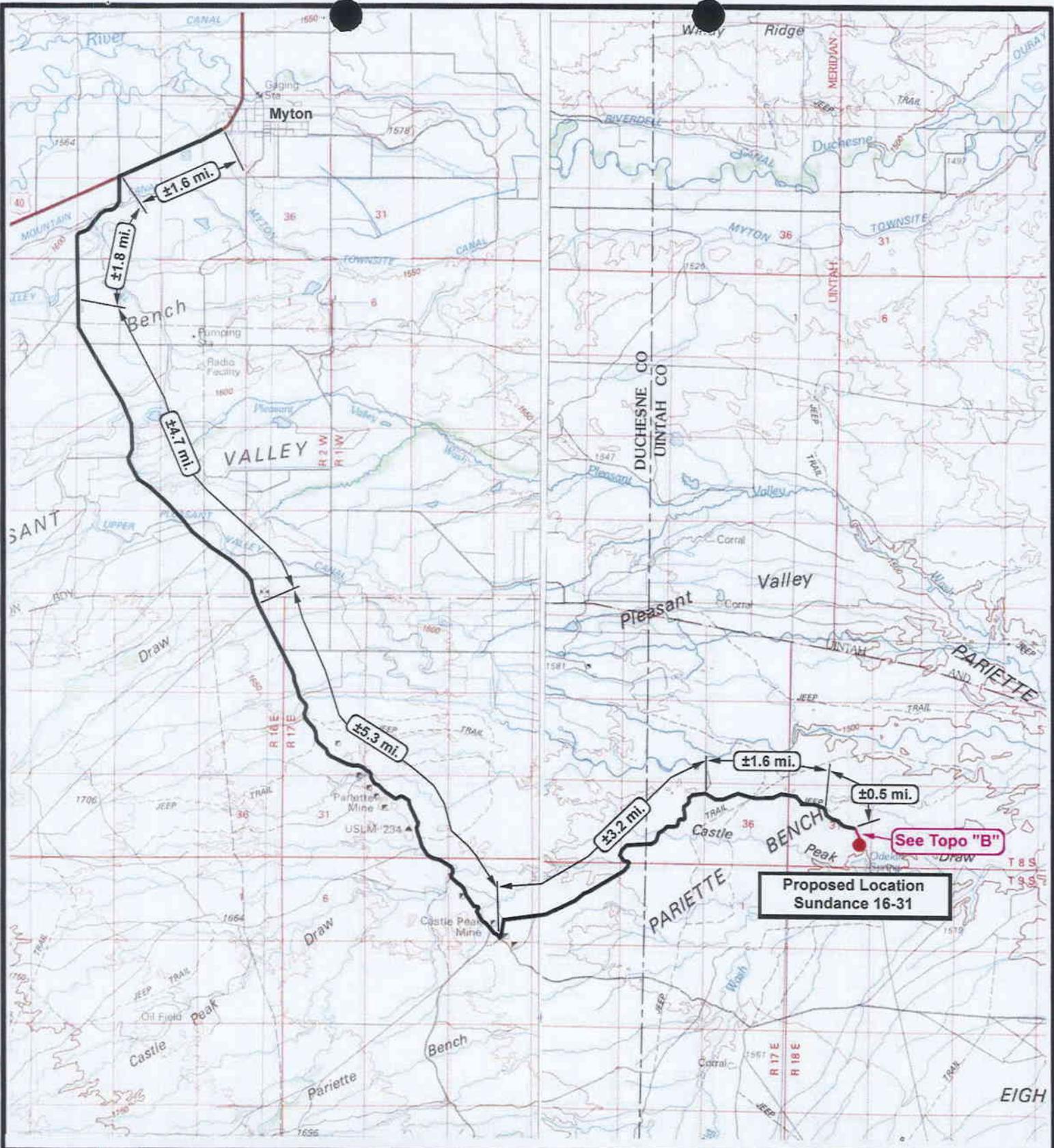
(435) 781-2501

DRAWN BY: F.T.M.

DATE: 9-23-05

Tri State
Land Surveying, Inc.

180 NORTH VERNAL AVE. VERNAL, UTAH 84078



Proposed Location Sundance 16-31

See Topo "B"

NEWFIELD
Exploration Company

Sundance 16-31-8-18
SEC. 31, T8S, R18E, S.L.B.&M.



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

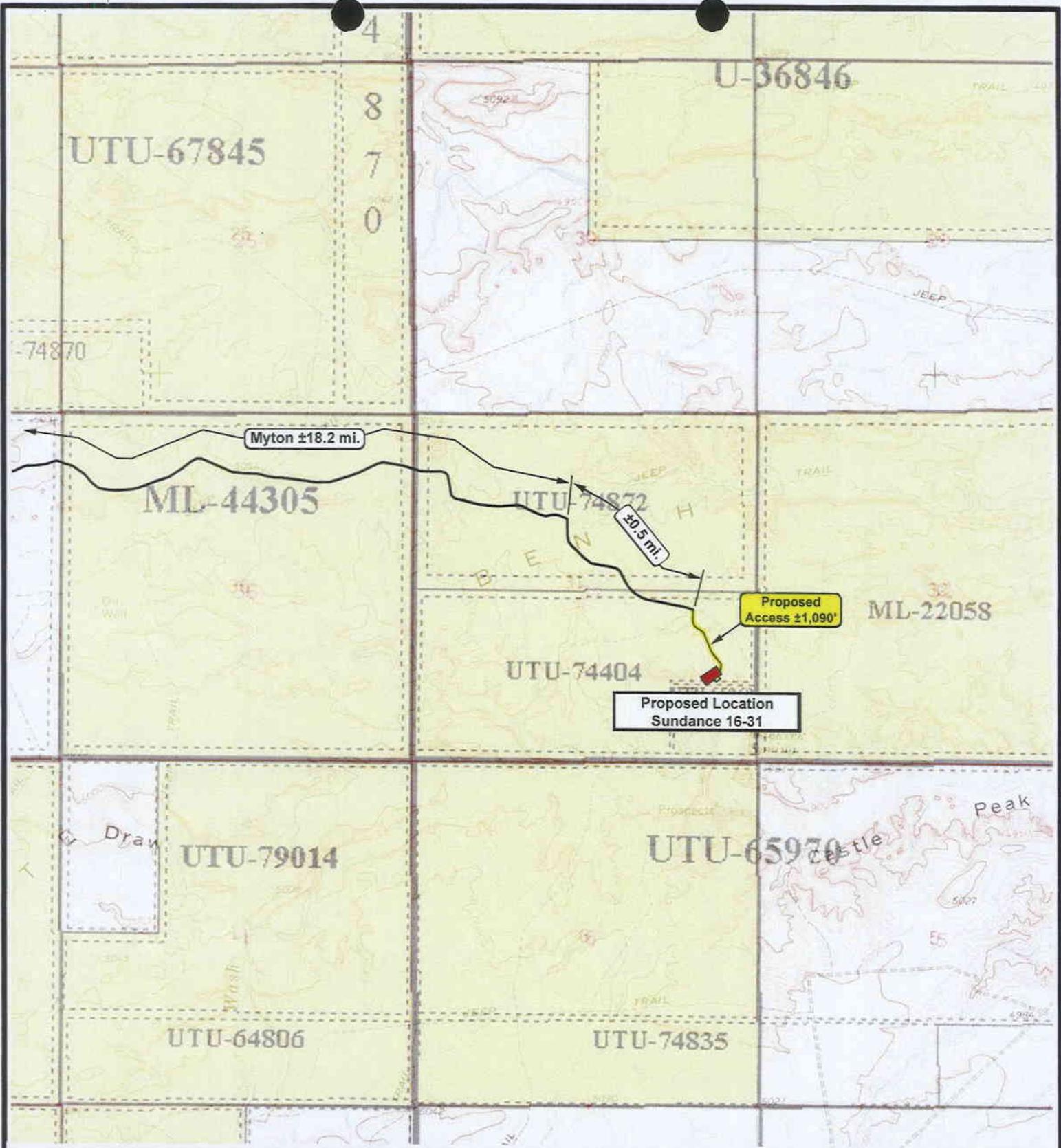
SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 09-27-2005

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

Sundance 16-31-8-18
SEC. 31, T8S, R18E, S.L.B.&M.



Tri-State
Land Surveying Inc.
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180 North Vernal Ave. Vernal, Utah 84078

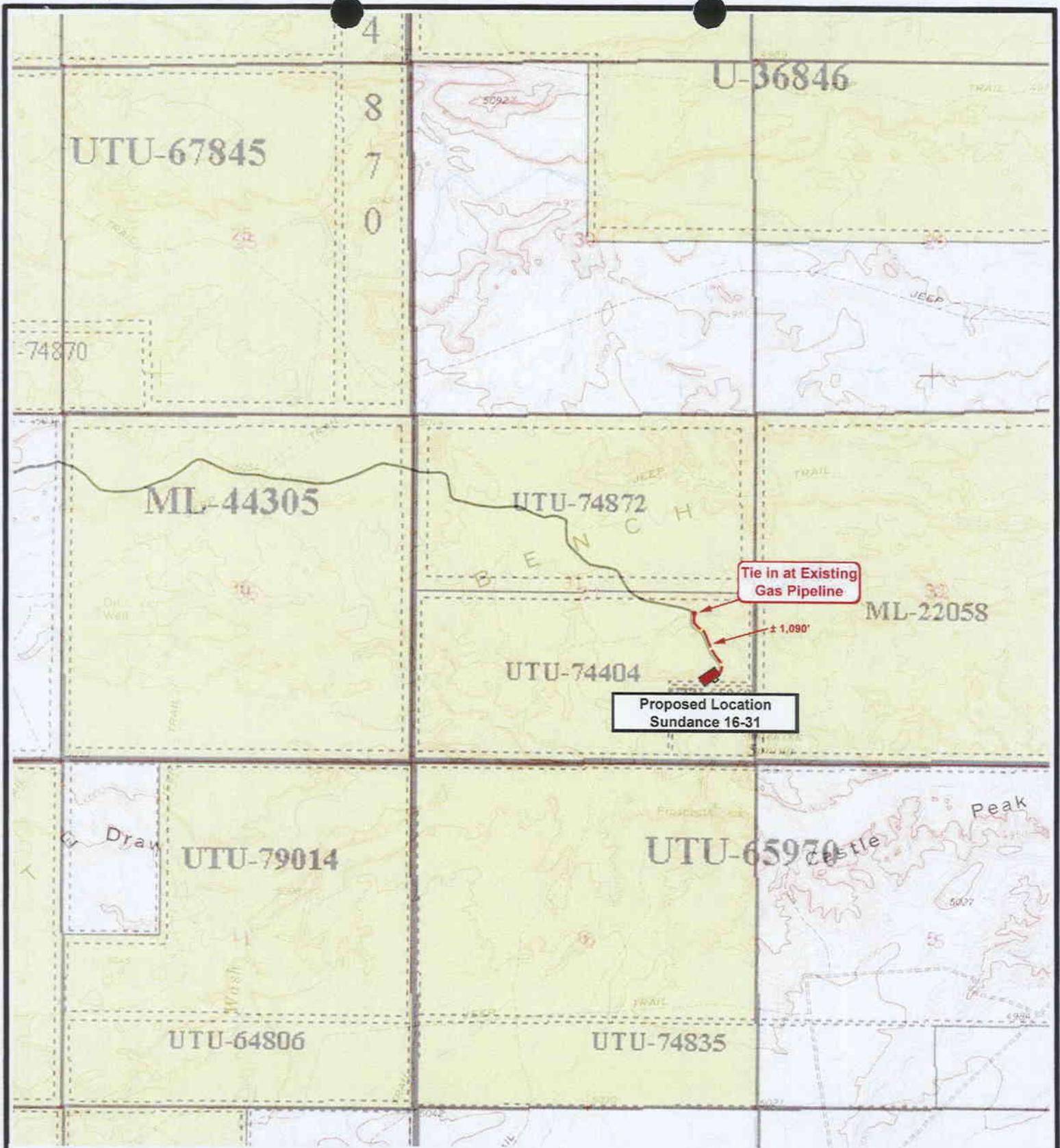
SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 09-27-2005

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"B"



NEWFIELD
Exploration Company

Sundance 16-31-8-18
SEC. 31, T8S, R18E, S.L.B.&M.



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

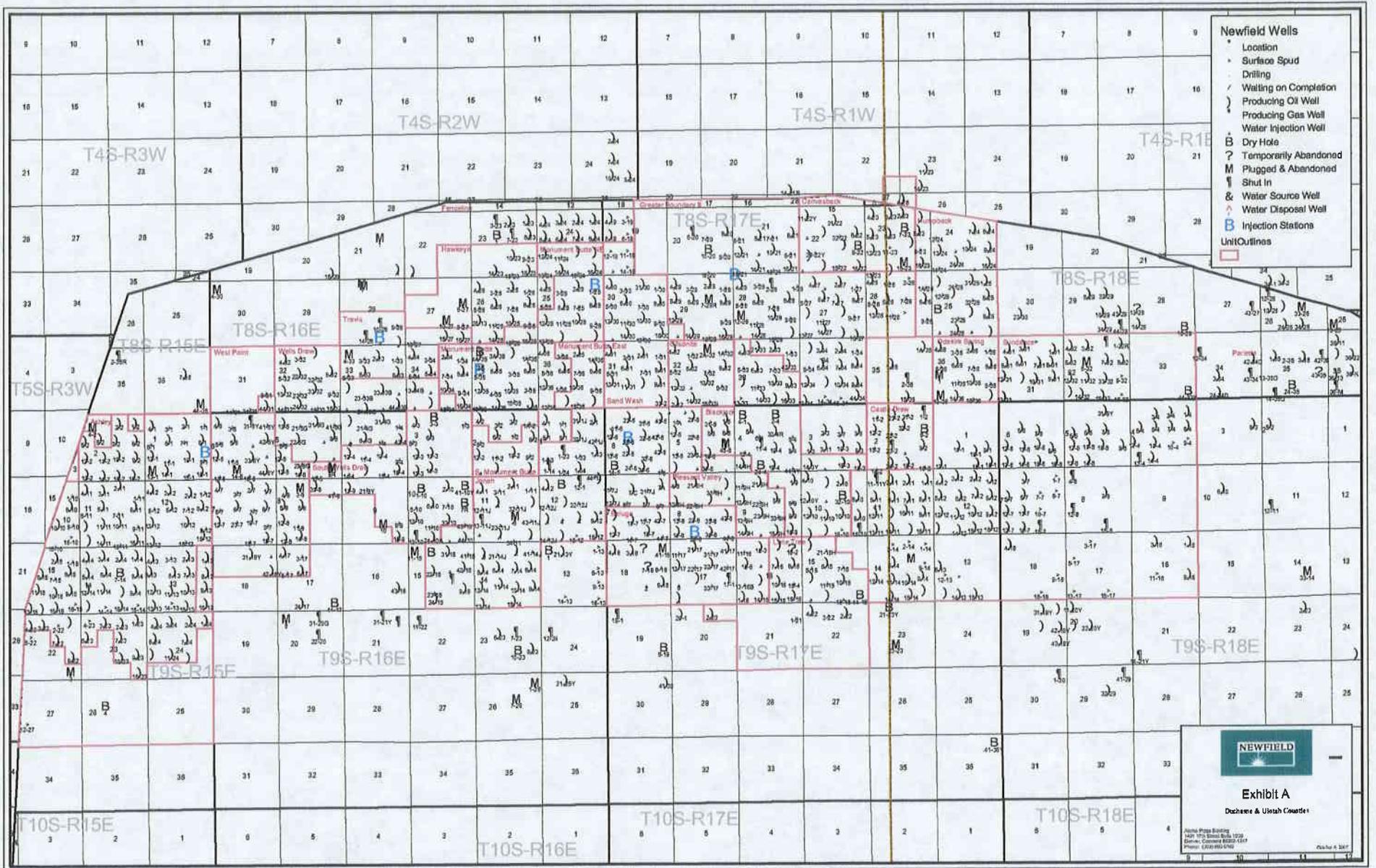
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DRAWN BY: mw
DATE: 09-27-2005

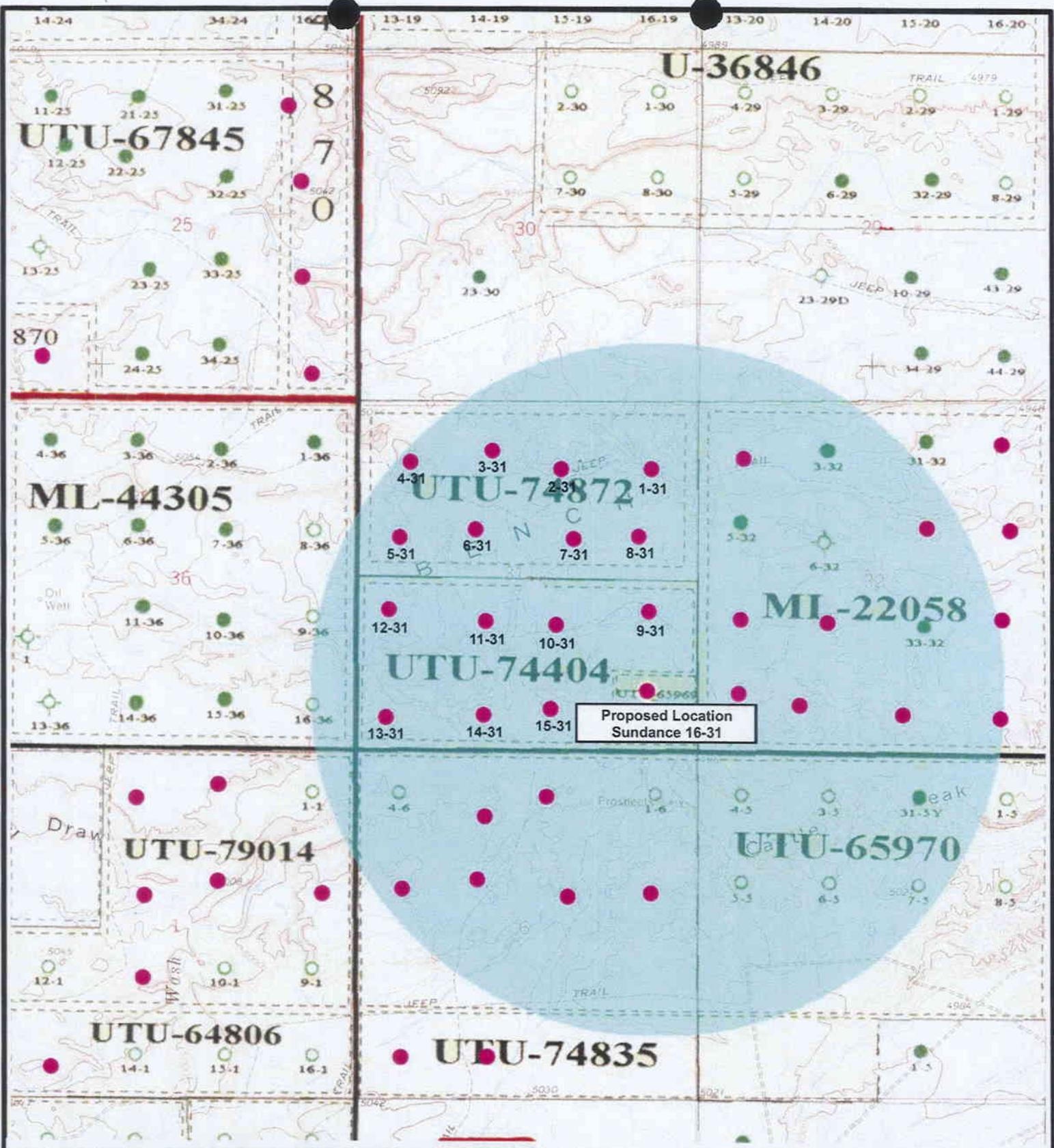
Legend

- Roads
- Proposed Gas Line

TOPOGRAPHIC MAP

"C"





NEWFIELD
Exploration Company

Sundance 16-31-8-18
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: 09-27-2005

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

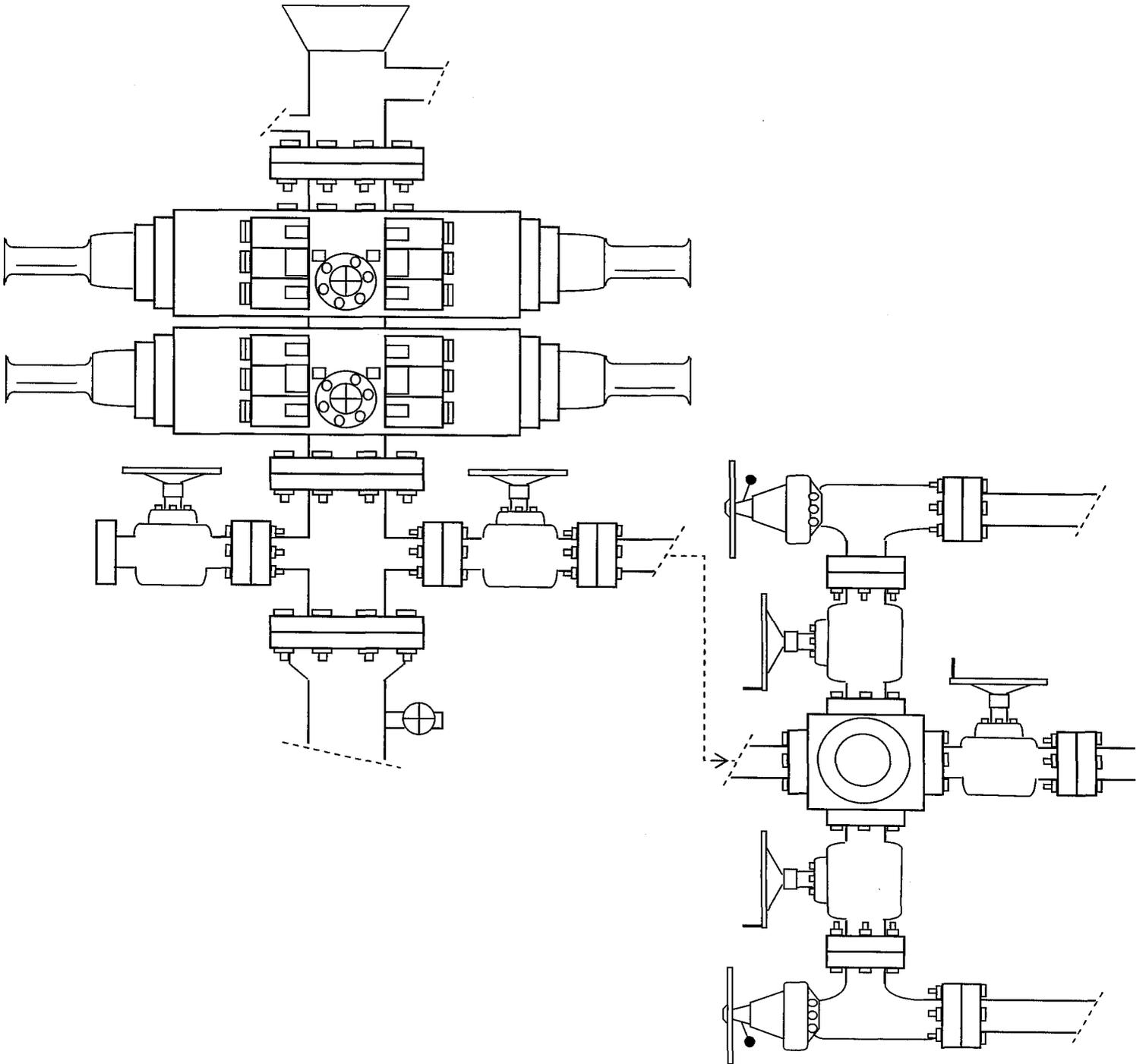


EXHIBIT C

Exhibit "D"
Page 1 of 2

CULTURAL RESOURCE INVENTORY OF
INLAND RESOURCES' 1170 ACRE ODEKIRK UNIT, IN
TOWNSHIP 8S, RANGE 18E, SECTION 31,
AND TOWNSHIP 9S, RANGE 18E, SECTION 6,
UINTAH COUNTY, UTAH

by

Keith R. Montgomery
and
Sarah Ball

Prepared For:

Bureau of Land Management
Vernal Field Office
Vernal, Utah

Prepared Under Contract With:

Jon D. Holst & Associates
for
Inland Resources
2507 Flintridge Place
Fort Collins, CO 80521

Prepared By:

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

MOAC Report No. 01-164

December 7, 2001

United States Department of Interior (FLPMA)
Permit No. 01-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-01-MQ-0787b



WADE E. MILLER, Ph.D.
Paleontological Consultant
2871 Indian Hills Dr. • Provo, Utah 84604
Phone (801) 375-5058 FAX (801) 375-2151

Page 2 of 2
TO: MANDIE
FROM: JIM HOLT

INLAND RESOURCES, INC.

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE AND Uintah COUNTIES, UTAH**

(Section 31, T 8 S, R 18 E, Uintah County; SW & SE 1/4,
SW 1/4, Section 22, T 8 S, R 17 E, Duchesne County)

REPORT OF SURVEY

Prepared for:
Inland Resources, Inc.

Prepared by:
Wade E. Miller
Consulting Paleontologist

March 1, 2002

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/16/2005

API NO. ASSIGNED: 43-047-37388

WELL NAME: SUNDANCE FED 16-31-8-18
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:
 SWSE 31 080S 180E
 SURFACE: 0678 FSL 2216 FEL
 BOTTOM: 0661 FSL 0659 FEL
 COUNTY: UINTAH
 LATITUDE: 40.06903 LONGITUDE: -109.9341
 UTM SURF EASTINGS: 590900 NORTHINGS: 4435753
 FIELD NAME: 8 MILE FLAT NORTH (590)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-65969
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

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

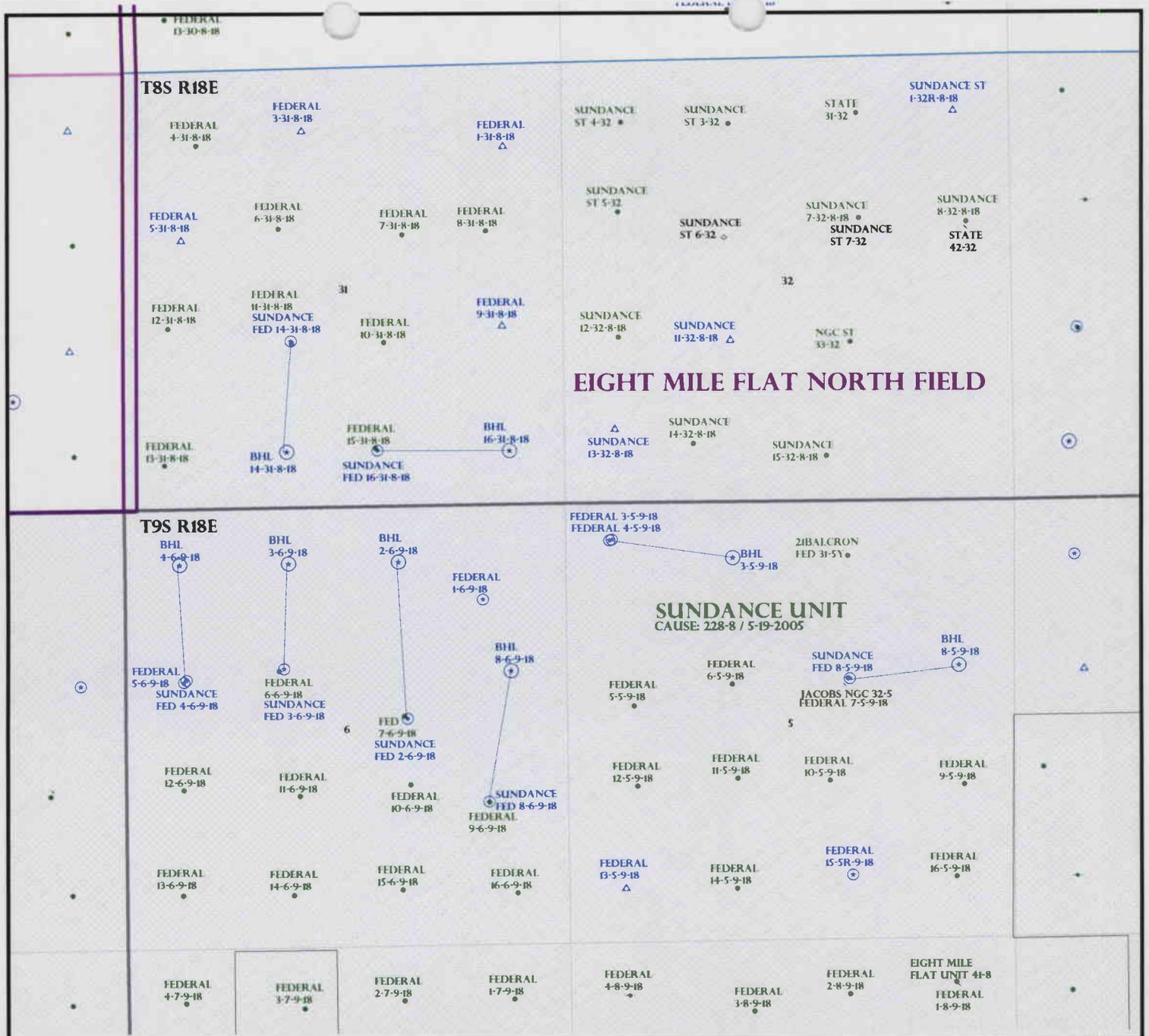
R649-3-3. Exception

Drilling Unit
 Board Cause No: 228.8
 Eff Date: 5-19-2005
 Siting: 460' fr w bdr (920' fr other wells)

R649-3-11. Directional Drill

COMMENTS: Sup. Separate file

STIPULATIONS: 1- Lease 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)

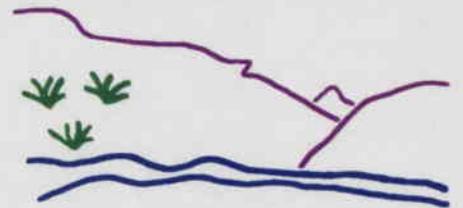
COUNTY: UINTAH

CAUSE: 228-8 / 5-19-2005

- 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 GEOTHERMAL
 - 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



Utah Oil Gas and Mining



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

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/16/2005

API NO. ASSIGNED: 43-047-37388

WELL NAME: SUNDANCE FED 16-31-8-18
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SESE 31 080S 180E
 SURFACE: 1290 FSL 0648 FEL
 BOTTOM: 1290 FSL 0648 FEL
 UINTAH
 8 MILE FLAT NORTH (590)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-65969
 SURFACE OWNER: 1 - Federal
 PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

LATITUDE: 40.07068
 LONGITUDE: -109.9285

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UT0056)
- 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)
- 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: 228-08
Eff Date: 6-15-05
Siting: Suspend General Siting
- R649-3-11. Directional Drill

COMMENTS:

See Separate File

STIPULATIONS:

1-learn Approval



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 31 T. 8S R. 18E

FIELD: EIGHT MILE FLAT NORTH (590)

COUNTY: Uintah

CAUSE: 228-8 / 6-15-2005

- 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 WHITNEY
DATE: 17-NOVEMBER-2005

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)

November 17, 2005

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2005 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 planned for calendar year 2005 within the Sundance Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-047-37388	Sundance Federal	16-31-8-18 Sec 31 T08S R18E 1290 FSL 0648 FEL
43-047-37389	Sundance Federal	4-4-9-18 Sec 04 T09S R18E 0673 FNL 0719 FWL
43-047-37390	Sundance Federal	8-5-9-18 Sec 05 T09S R18E 1850 FNL 0509 FEL

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

/s/ Michael L. Coulthard

bcc: File – Sundance Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:11-17-05



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

November 17, 2005

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Sundance Federal 16-31-8-18 Well, 1290' FSL, 648' FEL, SE SE, 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 43-047-37388.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Newfield Production Company
Well Name & Number Sundance Federal 16-31-8-18
API Number: 43-047-37388
Lease: UTU-65969

Location: SE SE 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.

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-65969

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
SUNDANCE

8. Well Name and No.
FEDERAL 16-31-8-18

9. API Well No.
43-047-37388

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

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

SUBMIT IN TRIPLICATE

RECEIVED
OCT 30 2006
DIV. OF OIL, GAS & MINING

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)
1290 FSL 648 FEL SE/SE 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 Permit Extension
	<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 11/17/05 (expiration 11/17/06).

This APD has not been approved yet by the BLM.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 10-30-06
By: [Signature]

COPY SENT TO OPERATOR
Date: 10-31-06
Initials: RM

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

Signed: [Signature] Regulatory Specialist Date: 10-27-2006
Maudie Crozier

CC: CLM/DGM

(This space for Executive State office use)

Approved by: _____ Date: _____

RESET

RECEIVED
OCT 30 2006
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: 43-047-37388
Well Name: Federal 16-31-8-18
Location: SE/SE Section 31, T8S R18E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 11/17/2005

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

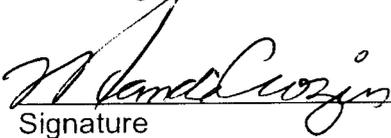
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

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

10/27/2006
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

UNITED STATES
DEPARTMENT OF THE INTERIOR
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-65969
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	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Sundance Federal 16-31-8-18
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/SE 678' FSL 2216' FEL At proposed prod. zone SE/SE 661' FSL 659' FEL		9. API Well No. 43-047-37388
14. Distance in miles and direction from nearest town or post office* Approximatley 18.8 miles southeast of Myton, Utah		10. Field and Pool, or Exploratory Eight Mile Flat
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 659' f/lse, 4619' f/unit	16. No. of Acres in lease 277.52	11. Sec., T., R., M., or Blk. and Survey or Area SW/SE Sec. 31, T8S R18E
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. NA	12. County or Parish Uintah
19. Proposed Depth 6190'	20. BLM/BIA Bond No. on file UTB000192	13. State UT
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4947' 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>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 3/29/07
--	--	-----------------

Title Regulatory Specialist		
--------------------------------	--	--

Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 04-23-07
---	---	------------------

Title 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)

Surf 590 900X
4435753Y
40.069033
-109.934061

BHL
Federal Approval of this
Action Is Necessary
591375X
4435750Y
40.068953
-109.928491

RECEIVED
MAR 30 2007

DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR
Date: 4-23-07
Initials: DM

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 #16-31-8-18
AT PROPOSED ZONE: SE/SE SECTION 31, T8S, R18E
AT SURFACE: SW/SE 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' – 1915'
Green River	1915'
Wasatch	6190'

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

Green River Formation 1915' – 6190' - 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 #16-31-8-18
AT PROPOSED ZONE: SE/SE SECTION 31, T8S, R18E
AT SURFACE: SW/SE 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 #16-31-8-18 located in the SW 1/4 SE 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 northeast; proceed northeasterly - 3.2 miles \pm to it's junction with an existing road to the east; proceed easterly - 1.6 miles \pm to it's junction with an existing road to the southeast; proceed southeasterly and then southwesterly - 0.5 miles \pm to it's junction with the beginning of the access road; proceed southwesterly and then southeasterly along the access road - 1,800' \pm to the well location.

2. PLANNED ACCESS ROAD

The proposed well will be drilled directionally off of the existing 15-31-8-18 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 15-31-8-18 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Sundance Federal 16-31-8-18. 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 16-31-8-18 will be drilled off of the existing 15-31-8-18 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 15th (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 30th (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)

Gardners Saltbush

Atriplex Corrugata

3 lbs/acre

Details of the On-Site Inspection

The proposed Sundance Federal #16-31-8-18 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

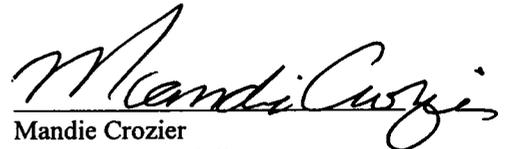
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #16-31-8-18 SE/SE Section 31, Township 8S, Range 18E: Lease UTU-65969 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



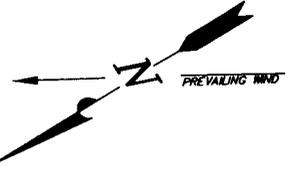
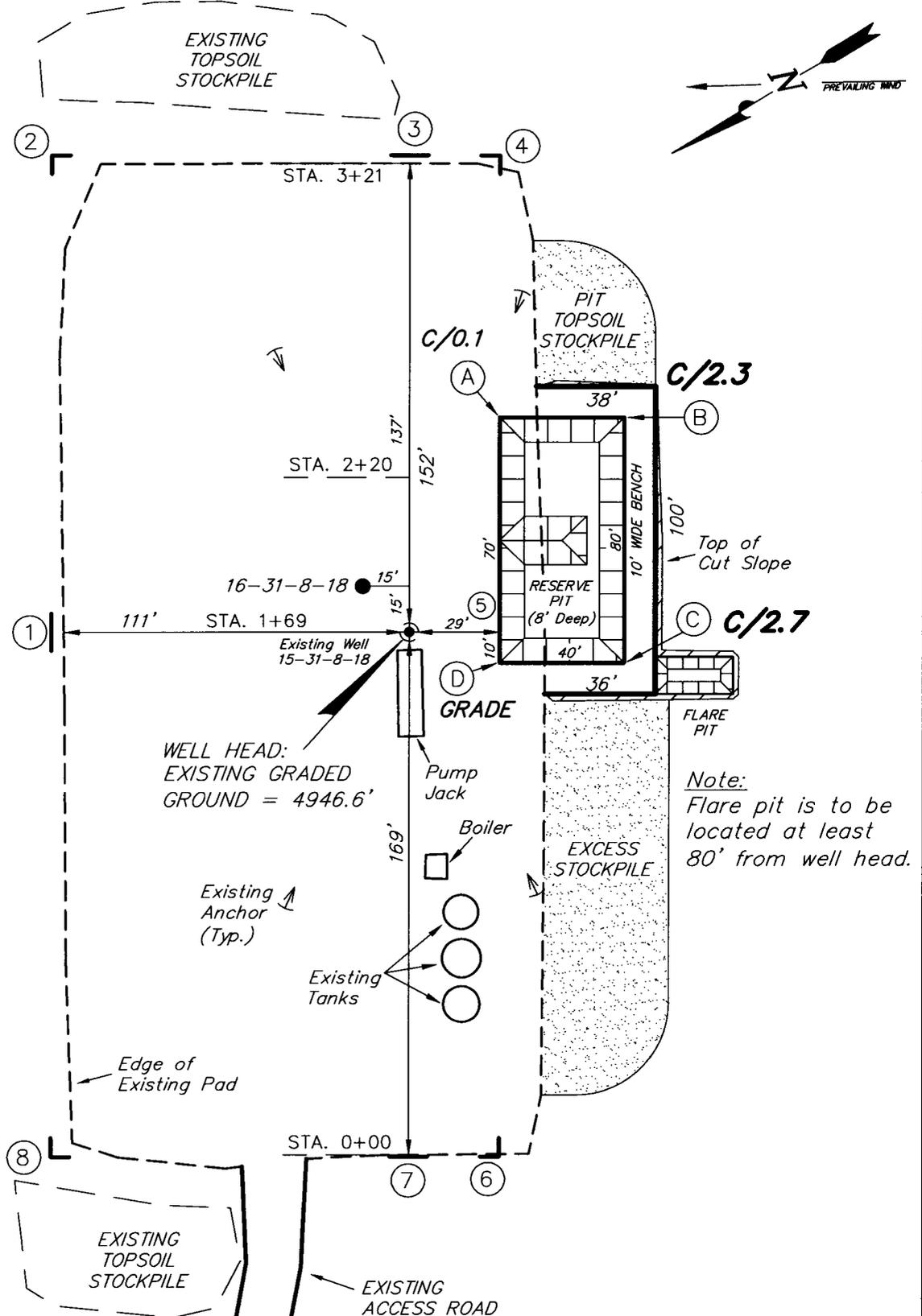
Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

SUNDANCE 16-31-8-18 (Proposed Well)

SUNDANCE 15-31-8-18 (Existing Well)

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



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

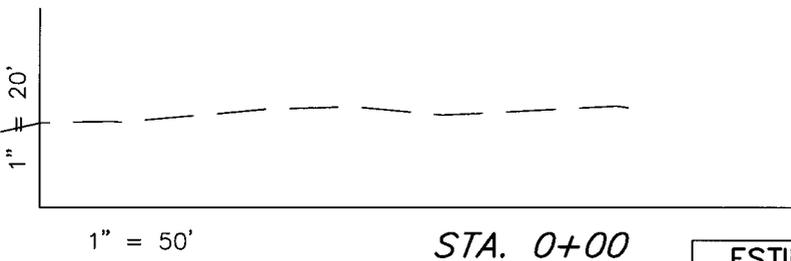
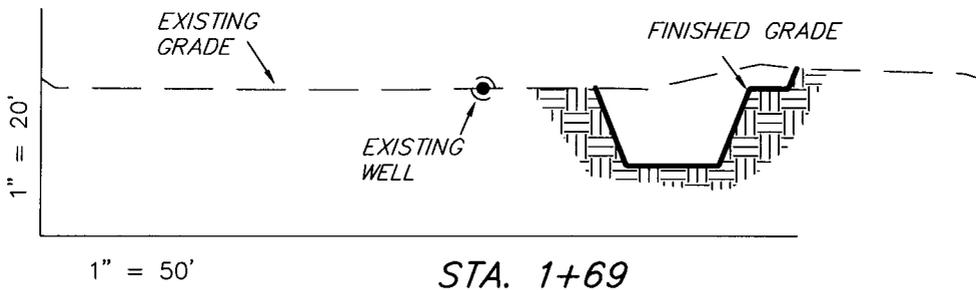
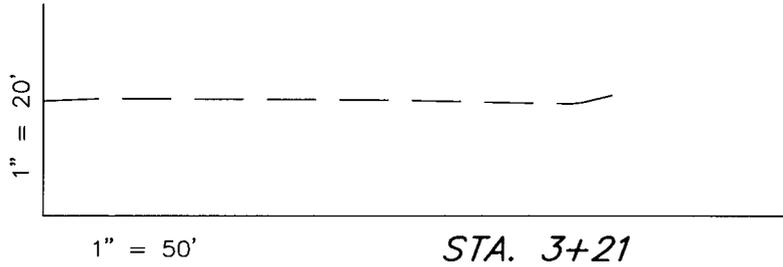
SURVEYED BY: C.M.	SCALE: 1" = 50'	<p>Tri State Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078</p>	(435) 781-2501
DRAWN BY: F.T.M.	DATE: 10-9-06		

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

SUNDANCE 16-31-8-18 (Proposed Well)

SUNDANCE 15-31-8-18 (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	290	0	Topsoil is not included in Pad Cut	290
PIT	640	0		640
TOTALS	930	0	120	930

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 10-9-06

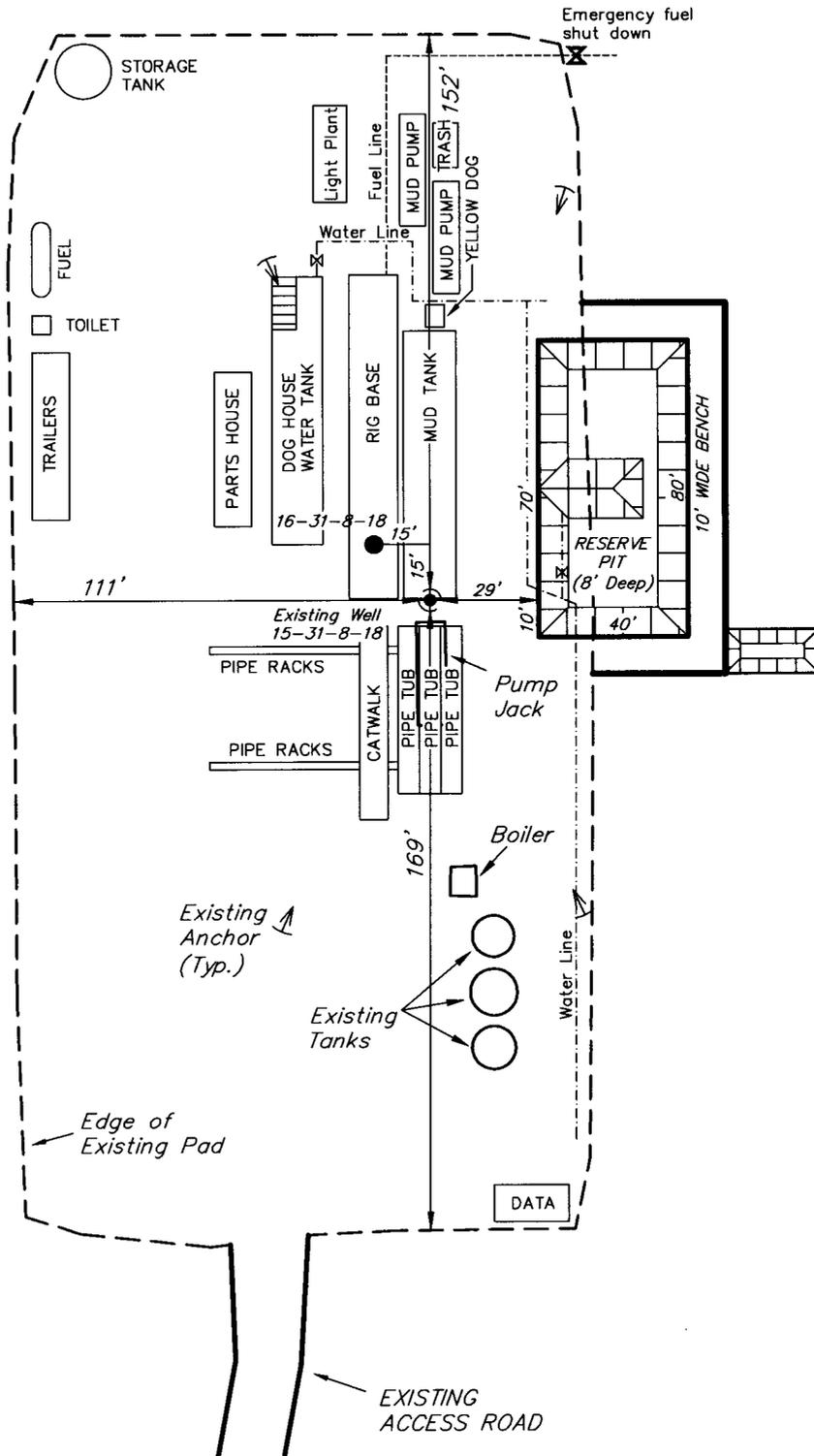
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

SUNDANCE 16-31-8-18 (Proposed Well)

SUNDANCE 15-31-8-18 (Existing Well)



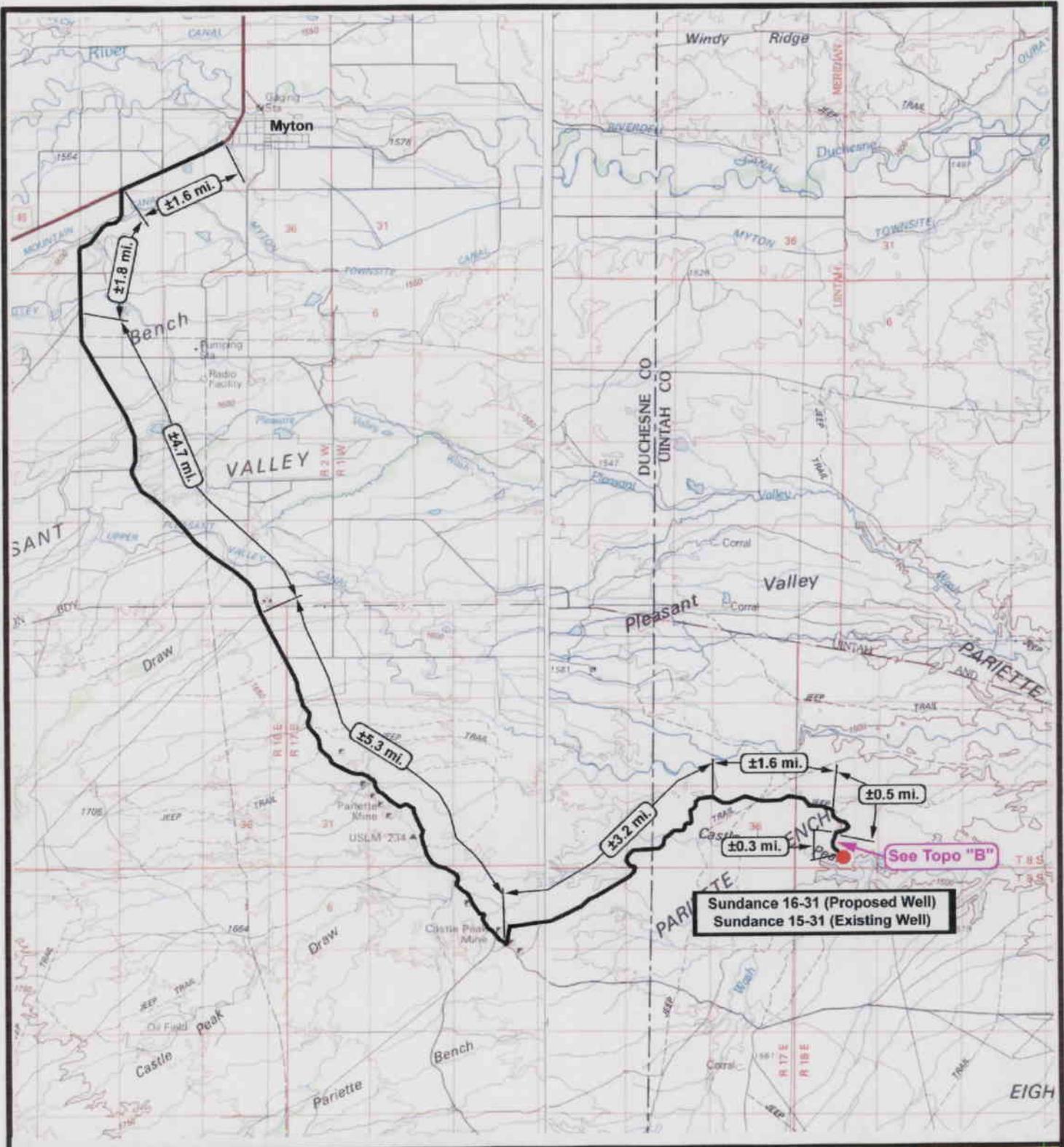
SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 10-9-06

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



Sundance 16-31 (Proposed Well)
Sundance 15-31 (Existing Well)

See Topo "B"

NEWFIELD
 Exploration Company

Sundance 16-31-8-18 (Proposed Well)
Sundance 15-31-8-18 (Existing Well)
 Pad Location: SWSE SEC. 31, T8S, R18E, S.L.B.&M.



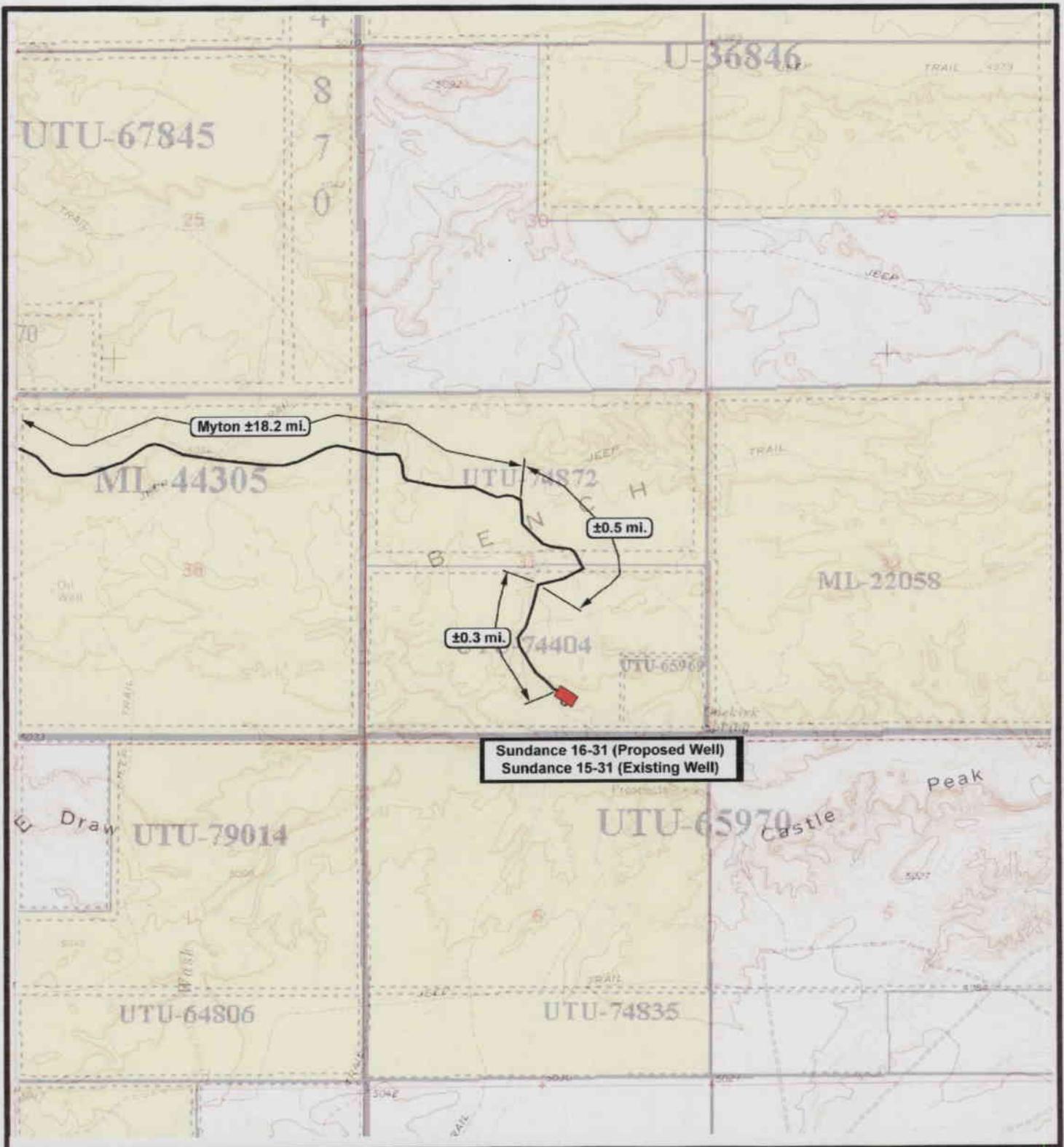
Tri-State
 Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84076

SCALE: 1" = 2,000'
 DRAWN BY: mw
 DATE: 10-22-2006

Legend

Existing Road

TOPOGRAPHIC MAP
"A"



Sundance 16-31 (Proposed Well)
 Sundance 15-31 (Existing Well)

 **NEWFIELD**
 Exploration Company

Sundance 16-31-8-18 (Proposed Well)
Sundance 15-31-8-18 (Existing Well)
 Pad Location: SWSE SEC. 31, T8S, R18E, S.L.B.&M.




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

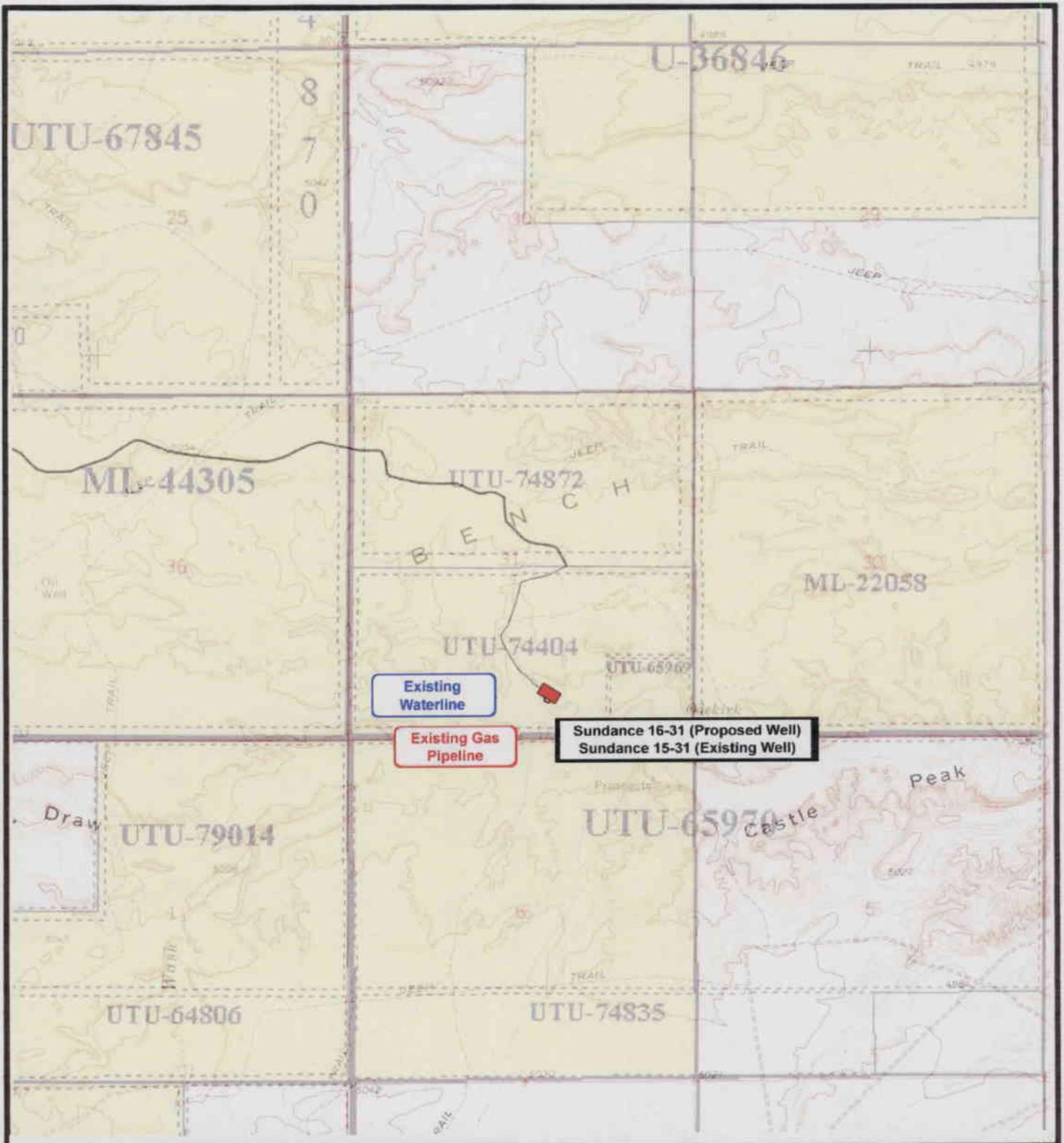
SCALE: 1" = 2,000'
 DRAWN BY: mw
 DATE: 10-22-2006

Legend

 Existing Road

TOPOGRAPHIC MAP

"B"



 **NEWFIELD**
Exploration Company

Sundance 16-31-8-18 (Proposed Well)
Sundance 15-31-8-18 (Existing Well)
Pad Location: SWSE SEC. 31, T8S, R18E, S.L.B.&M.




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

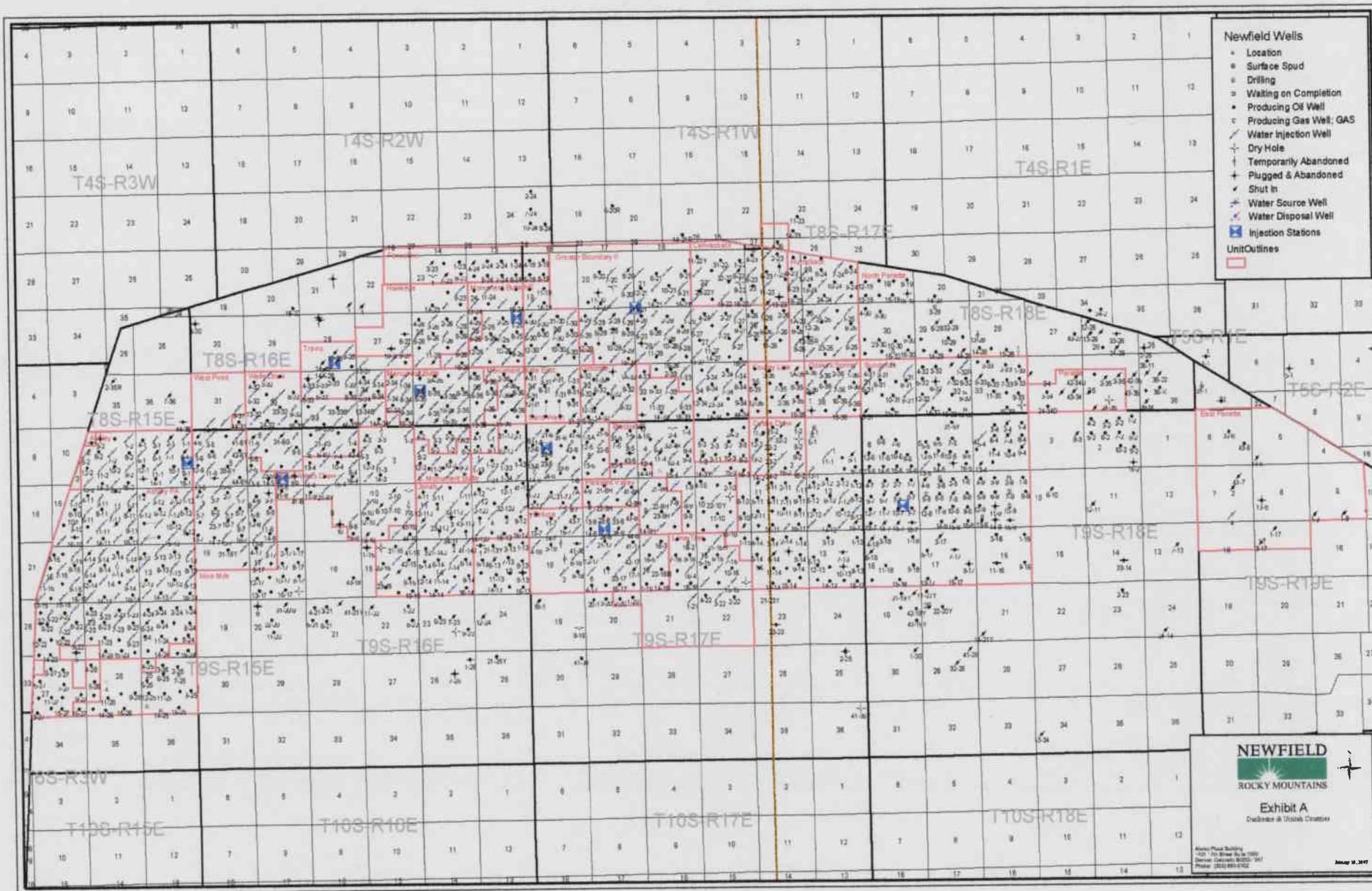
SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 10-22-2006

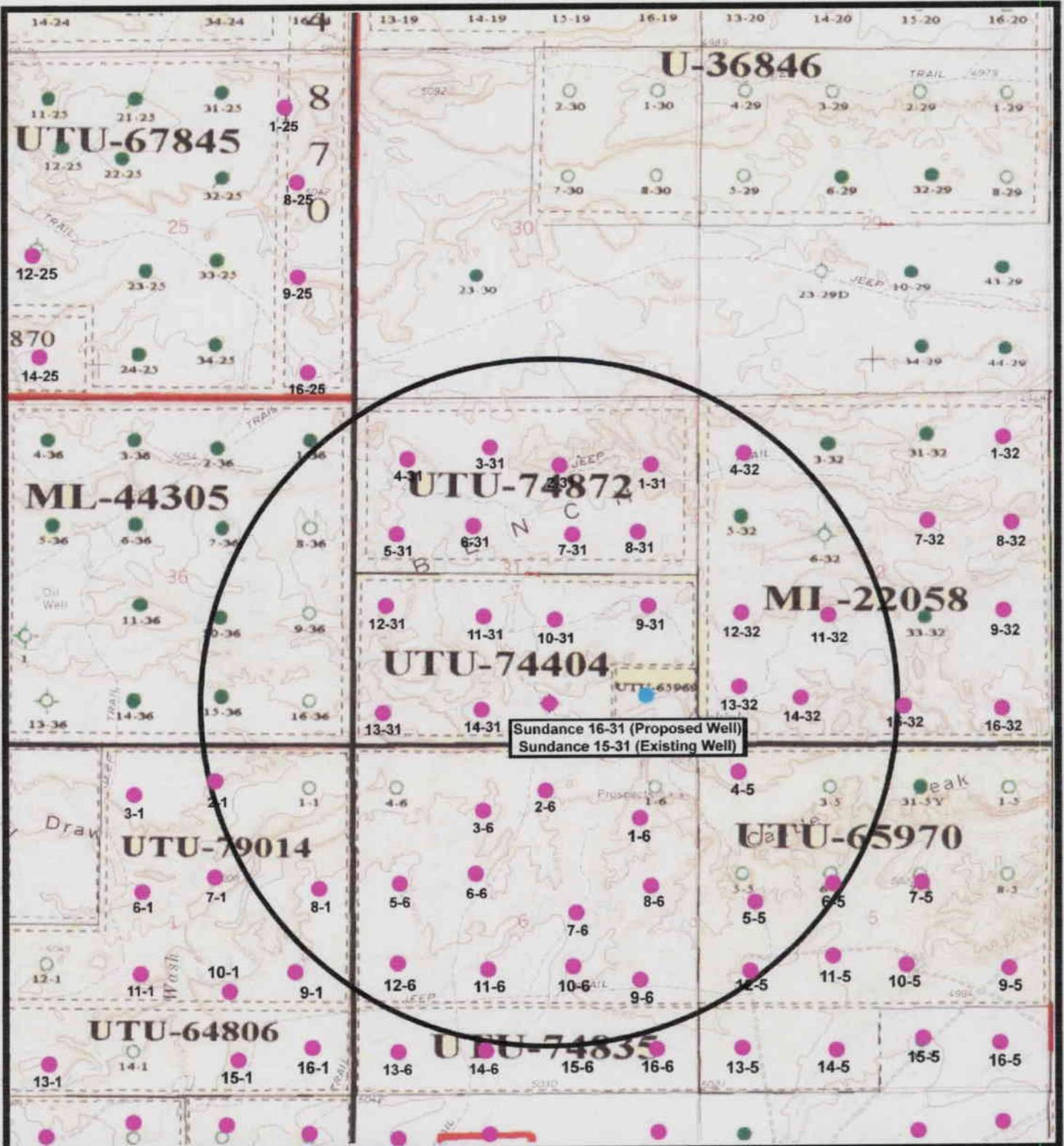
Legend

 Roads

TOPOGRAPHIC MAP

"C"





NEWFIELD
Exploration Company

Sundance 16-31-8-18 (Proposed Well)
Sundance 15-31-8-18 (Existing Well)
Pad Location: SWSE 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: 10-22-2006

Legend

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

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

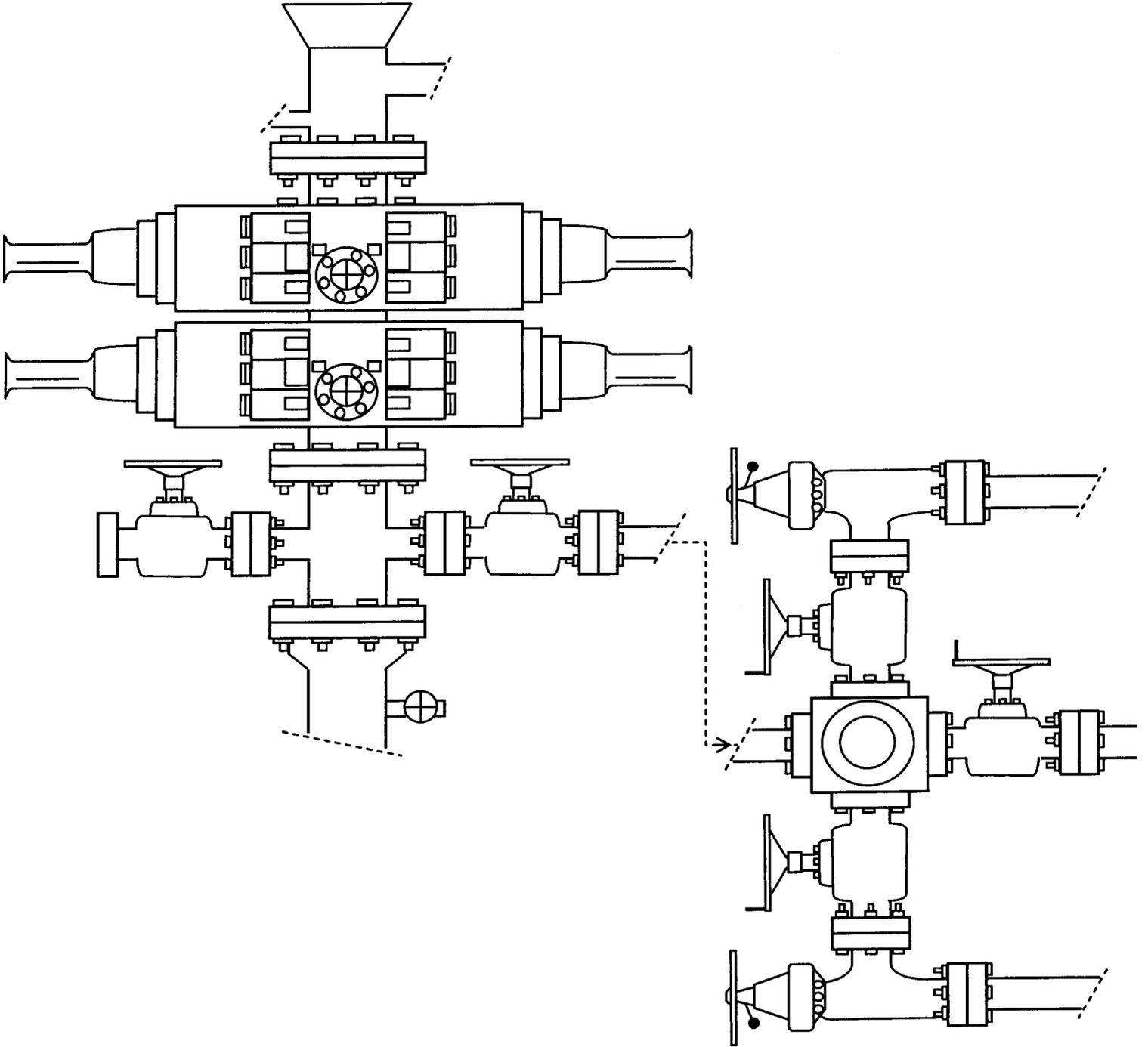


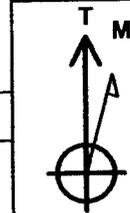
EXHIBIT C



Scientific Drilling
Rocky Mountain Operations

Project: Uintah County, UT
Site: Sundance Federal 16-31-8-18
Well: Sundance Federal 16-31-8-18
Wellbore: OH
Design: Plan #1

Newfield Exploration Co.

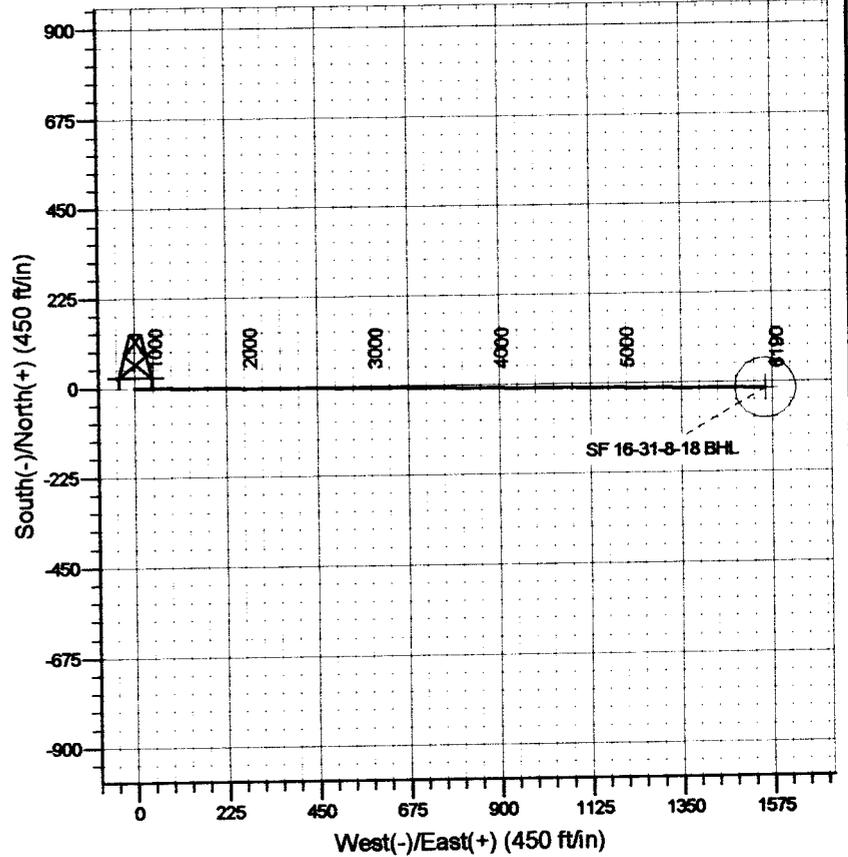
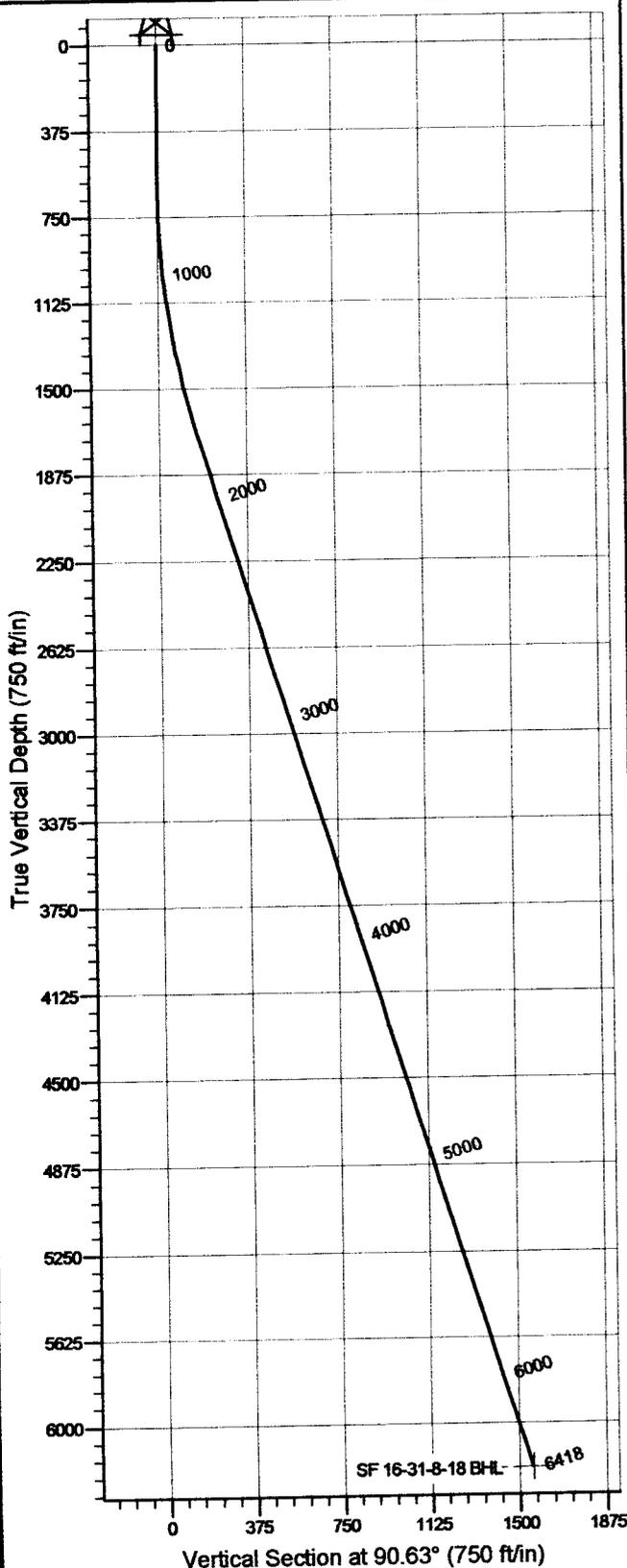


Azimuths to True North
Magnetic North: 11.80°

Magnetic Field
Strength: 52746.2nT
Dip Angle: 65.95°
Date: 2007-03-13
Model: IGRF2005-10

WELL DETAILS: Sundance Federal 16-31-8-18

GL 4947' & RKB 12' @ 4959.00ft 4947.00
+N/-S 0.00 +E/-W 0.00 Northing 636027.64 Easting 2438038.88 Latitude 40° 4' 8.550 N Longitude 109° 56' 5.070 W



Plan: Plan #1 (Sundance Federal 16-31-8-18/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	1750.98	17.26	90.63	1733.64	-1.88	172.09	1.50	90.63	-1.88	
4	6417.60	17.26	90.63	6190.00	-17.00	1557.00	0.00	0.00	-17.00	SF 16-31-8-18 BHL

Newfield Exploration Co.

Uintah County, UT

Sundance Federal 16-31-8-18

Sundance Federal 16-31-8-18

OH

Plan: Plan #1

Standard Planning Report

13 March, 2007

Scientific Drilling Planning Report

Database: MultiUserEDM
Company: Newfield Exploration Co.
Project: Uintah County, UT
Site: Sundance Federal 16-31-8-18
Well: Sundance Federal 16-31-8-18
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Sundance Federal 16-31-8-18
TVD Reference: GL 4947' & RKB 12' @ 4959.00ft
MD Reference: GL 4947' & RKB 12' @ 4959.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

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

Site Sundance Federal 16-31-8-18, Sec 31 8S R18E					
Site Position:		Northing:	636,027.64ft	Latitude:	40° 4' 8.550 N
From:	Lat/Long	Easting:	2,438,038.88 ft	Longitude:	109° 56' 5.070 W
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence:	1.00 °

Well Sundance Federal 16-31-8-18, 678' FSL, 2216' FEL						
Well Position	+N-S	0.00 ft	Northing:	636,027.64 ft	Latitude:	40° 4' 8.550 N
	+E-W	0.00 ft	Easting:	2,438,038.88 ft	Longitude:	109° 56' 5.070 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	4,947.00 ft

Wellbore OH					
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	IGRF2005-10	2007-03-13	(°) 11.80	(°) 65.95	(nT) 52,746

Design Plan #1					
Audit Notes:					
Version:	Phase:	PLAN	Tie On Depth:	0.00	
Vertical Section:	Depth From (TVD)	+N-S	+E-W	Direction	
	(ft)	(ft)	(ft)	(°)	
	0.00	0.00	0.00	90.63	

Plan Sections										
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	
1,750.98	17.26	90.63	1,733.64	-1.88	172.09	1.50	1.50	0.00	90.63	
6,417.60	17.26	90.63	6,190.00	-17.00	1,557.00	0.00	0.00	0.00	0.00	SF 16-31-8-18 BHL

Scientific Drilling Planning Report

Database: MultiUserEDM
Company: Newfield Exploration Co.
Project: Uintah County, UT
Site: Sundance Federal 16-31-8-18
Well: Sundance Federal 16-31-8-18
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:

Well Sundance Federal 16-31-8-18
 GL 4947' & RKB 12' @ 4959.00ft
 GL 4947' & RKB 12' @ 4959.00ft
 True
 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	90.63	699.99	-0.01	1.31	1.31	1.50	1.50	0.00
800.00	3.00	90.63	799.91	-0.06	5.23	5.23	1.50	1.50	0.00
900.00	4.50	90.63	899.69	-0.13	11.77	11.77	1.50	1.50	0.00
1,000.00	6.00	90.63	999.27	-0.23	20.92	20.92	1.50	1.50	0.00
1,100.00	7.50	90.63	1,098.57	-0.36	32.68	32.68	1.50	1.50	0.00
1,200.00	9.00	90.63	1,197.54	-0.51	47.02	47.03	1.50	1.50	0.00
1,300.00	10.50	90.63	1,296.09	-0.70	63.96	63.96	1.50	1.50	0.00
1,400.00	12.00	90.63	1,394.16	-0.91	83.47	83.47	1.50	1.50	0.00
1,500.00	13.50	90.63	1,491.70	-1.15	105.53	105.54	1.50	1.50	0.00
1,600.00	15.00	90.63	1,588.62	-1.42	130.15	130.15	1.50	1.50	0.00
1,700.00	16.50	90.63	1,684.86	-1.72	157.29	157.30	1.50	1.50	0.00
1,750.98	17.26	90.63	1,733.64	-1.88	172.09	172.10	1.50	1.50	0.00
1,800.00	17.26	90.63	1,780.45	-2.04	186.64	186.65	0.00	0.00	0.00
1,900.00	17.26	90.63	1,875.95	-2.36	216.32	216.33	0.00	0.00	0.00
2,000.00	17.26	90.63	1,971.44	-2.69	245.99	246.01	0.00	0.00	0.00
2,100.00	17.26	90.63	2,066.94	-3.01	275.67	275.69	0.00	0.00	0.00
2,200.00	17.26	90.63	2,162.43	-3.33	305.35	305.37	0.00	0.00	0.00
2,300.00	17.26	90.63	2,257.92	-3.66	335.02	335.04	0.00	0.00	0.00
2,400.00	17.26	90.63	2,353.42	-3.98	364.70	364.72	0.00	0.00	0.00
2,500.00	17.26	90.63	2,448.91	-4.31	394.38	394.40	0.00	0.00	0.00
2,600.00	17.26	90.63	2,544.41	-4.63	424.05	424.08	0.00	0.00	0.00
2,700.00	17.26	90.63	2,639.90	-4.95	453.73	453.76	0.00	0.00	0.00
2,800.00	17.26	90.63	2,735.40	-5.28	483.41	483.44	0.00	0.00	0.00
2,900.00	17.26	90.63	2,830.89	-5.60	513.09	513.12	0.00	0.00	0.00
3,000.00	17.26	90.63	2,926.39	-5.93	542.76	542.79	0.00	0.00	0.00
3,100.00	17.26	90.63	3,021.88	-6.25	572.44	572.47	0.00	0.00	0.00
3,200.00	17.26	90.63	3,117.37	-6.57	602.12	602.15	0.00	0.00	0.00
3,300.00	17.26	90.63	3,212.87	-6.90	631.79	631.83	0.00	0.00	0.00
3,400.00	17.26	90.63	3,308.36	-7.22	661.47	661.51	0.00	0.00	0.00
3,500.00	17.26	90.63	3,403.86	-7.55	691.15	691.19	0.00	0.00	0.00
3,600.00	17.26	90.63	3,499.35	-7.87	720.82	720.87	0.00	0.00	0.00
3,700.00	17.26	90.63	3,594.85	-8.19	750.50	750.55	0.00	0.00	0.00
3,800.00	17.26	90.63	3,690.34	-8.52	780.18	780.22	0.00	0.00	0.00
3,900.00	17.26	90.63	3,785.83	-8.84	809.85	809.90	0.00	0.00	0.00
4,000.00	17.26	90.63	3,881.33	-9.17	839.53	839.58	0.00	0.00	0.00
4,100.00	17.26	90.63	3,976.82	-9.49	869.21	869.26	0.00	0.00	0.00
4,200.00	17.26	90.63	4,072.32	-9.81	898.89	898.94	0.00	0.00	0.00
4,300.00	17.26	90.63	4,167.81	-10.14	928.56	928.62	0.00	0.00	0.00
4,400.00	17.26	90.63	4,263.31	-10.46	958.24	958.30	0.00	0.00	0.00
4,500.00	17.26	90.63	4,358.80	-10.79	987.92	987.97	0.00	0.00	0.00
4,600.00	17.26	90.63	4,454.30	-11.11	1,017.59	1,017.65	0.00	0.00	0.00
4,700.00	17.26	90.63	4,549.79	-11.43	1,047.27	1,047.33	0.00	0.00	0.00
4,800.00	17.26	90.63	4,645.28	-11.76	1,076.95	1,077.01	0.00	0.00	0.00
4,900.00	17.26	90.63	4,740.78	-12.08	1,106.62	1,106.69	0.00	0.00	0.00
5,000.00	17.26	90.63	4,836.27	-12.41	1,136.30	1,136.37	0.00	0.00	0.00
5,100.00	17.26	90.63	4,931.77	-12.73	1,165.98	1,166.05	0.00	0.00	0.00
5,200.00	17.26	90.63	5,027.26	-13.05	1,195.65	1,195.73	0.00	0.00	0.00

Scientific Drilling Planning Report

Database: MultiUserEDM
Company: Newfield Exploration Co.
Project: Uintah County, UT
Site: Sundance Federal 16-31-8-18
Well: Sundance Federal 16-31-8-18
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Sundance Federal 16-31-8-18
TVD Reference: GL 4947' & RKB 12' @ 4959.00ft
MD Reference: GL 4947' & RKB 12' @ 4959.00ft
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	17.26	90.63	5,122.76	-13.38	1,225.33	1,225.40	0.00	0.00	0.00
5,400.00	17.26	90.63	5,218.25	-13.70	1,255.01	1,255.08	0.00	0.00	0.00
5,500.00	17.26	90.63	5,313.74	-14.03	1,284.68	1,284.76	0.00	0.00	0.00
5,600.00	17.26	90.63	5,409.24	-14.35	1,314.36	1,314.44	0.00	0.00	0.00
5,700.00	17.26	90.63	5,504.73	-14.67	1,344.04	1,344.12	0.00	0.00	0.00
5,800.00	17.26	90.63	5,600.23	-15.00	1,373.72	1,373.80	0.00	0.00	0.00
5,900.00	17.26	90.63	5,695.72	-15.32	1,403.39	1,403.48	0.00	0.00	0.00
6,000.00	17.26	90.63	5,791.22	-15.65	1,433.07	1,433.15	0.00	0.00	0.00
6,100.00	17.26	90.63	5,886.71	-15.97	1,462.75	1,462.83	0.00	0.00	0.00
6,200.00	17.26	90.63	5,982.21	-16.29	1,492.42	1,492.51	0.00	0.00	0.00
6,300.00	17.26	90.63	6,077.70	-16.62	1,522.10	1,522.19	0.00	0.00	0.00
6,400.00	17.26	90.63	6,173.19	-16.94	1,551.78	1,551.87	0.00	0.00	0.00
6,417.60	17.26	90.63	6,190.00	-17.00	1,557.00	1,557.09	0.00	0.00	0.00

SF 16-31-8-18 BHL

Targets

Target Name - hits target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N-S (ft)	+E-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
SF 16-31-8-18 BHL - plan hits target - Circle (radius 75.00)	0.00	0.00	6,190.00	-17.00	1,557.00	636,037.89	2,439,595.94	40° 4' 8.381 N	109° 55' 45.042 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

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-65969

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
SUNDANCE

8. Well Name and No.
SUNDANCE FEDERAL 16-31-8-18

9. API Well No.
43-047-37388

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)
678 FSL 2216 FEL SW/SE 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 Permit Extension <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 11/17/05 (expiration 11/17/07).

This APD has not been approved yet by the BLM.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 11-05-07
By: [Signature]

COPY SENT TO OPERATOR
Date: 11-5-07
Initials: DM

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

Signed Mandie Crozier Title Regulatory Specialist Date 10/30/2007
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

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

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

API: 43-047-37388
Well Name: Sundance Federal 16-31-8-18
Location: SE/SE Section 31, T8S R18E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 11/17/2005

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

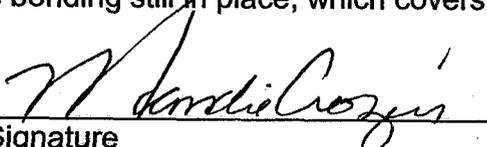
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

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

10/30/2007

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

October 4, 2007

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

43-047-37388

Re: Well No. Sundance Federal 16-31-8-18
SESE, Sec. 31, T8S, R18E
Uintah County, Utah
Lease No. UTU-65969
Sundance (GR) Unit

Dear Ms. Crozier:

The Application for Permit to Drill (APD) the above referenced well submitted November 16, 2005 was returned unapproved to you on March 1, 2007, per an email request by Kim Kettle on February 21, 2007. In a letter dated March 29, 2007 to Chuck Macdonald, you requested the original APD be rescinded/returned. This APD was replaced with a new APD that was received on March 30, 2007 as Well No. Sundance Federal 16-31-8-18.

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

NOV 20 2007

DIV. OF OIL, GAS & MINING

RECEIVED

MAR 30 2007

BLM

Form 3160-3
(September 2001)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
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-65969
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	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Sundance Federal 16-31-8-18
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/SE 678' FSL 2216' FEL At proposed prod. zone SE/SE 661' FSL 659' FEL		9. API Well No. 43 047 37388
14. Distance in miles and direction from nearest town or post office* Approximatley 18.8 miles southeast of Myton, Utah		10. Field and Pool, or Exploratory Eight Mile Flat
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 659' f/lse, 4619' f/unit		11. Sec., T., R., M., or Blk. and Survey or Area SE/SE Sec. 31, T8S R18E
16. No. of Acres in lease 277.52	17. Spacing Unit dedicated to this well 40 Acres	12. County or Parish Uintah
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. NA	19. Proposed Depth 6190'	13. State UT
20. BLM/BIA Bond No. on file UTB000192	21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4947' 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:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- 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) Kelly Kavela	Date 4-16-2008
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

APR 21 2008

DIV. OF OIL, GAS & MINING

No NOS
07PP 2143R



**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 16-31-8-18
API No: 43-047-37388

Location: SWSE, Sec 31, T8S, R18E
Lease No: UTU-65969
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:		(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7482
NRS/Enviro Scientist:		(435) 781-3400	(435) 828-3544
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	(435) 828-4029
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 COAs

- 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 COAs

- There is a Great-horned owl nest within ½ mile of the 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 February 1 – May 15.
- There is a Ferruginous hawk nest within ½ mile of the location, but is not in line-of-site. With this occurrence there will be a timing restriction to minimize disturbance for Ferruginous hawk nesting from March 1 – July 15.
- There is a Golden eagle nest within ½ mile of the proposed location, but no nests are in line-of-site. With this occurrence there will be a timing restriction to minimize disturbance for Golden eagle nesting from February 1 – July 15.
- No surface occupancy or use is allowed (does not apply to casual use) within ½ mile of Golden eagle nests which have been active within the past two years. This restriction would not apply to maintenance and operation of existing programs and facilities. It would not apply if impacts could be mitigated through other management actions or site specific analysis of terrain features.
- Protection of Golden eagle nest sites as described in the Diamond Mountain Resource Management Plan and EIS. Waivers, Exceptions, or Modifications to this limitation may be specifically approved in writing by the authorized officer of the Bureau of Land Management if either the resource values change or the lessee/ operator demonstrates that adverse impacts can be mitigated. Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulations see BLM manual 1624 and 3101 or FS manual 1950 and 2820.)

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 disturbance 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 disturbance 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).

Follow-up Actions and/or Recommendations:

- There is a Golden eagle nest located within ½ mile of the proposed location and is not in line-of-site, the NSO for the Golden eagle will not apply to this location; however, the timing stipulation will still be in effect.
- Based on the previous field exam and existing data and if all timing restrictions are adhered to then, it is my opinion that a no effect situation exists for Special Status Wildlife Species with the construction and drilling of this proposed drill site. Therefore, this site is cleared from a Special Status Wildlife Species perspective.

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.
- 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.
- 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.
- 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.
- Surface occupancy or use is subject to the following special operating constraints.
- Preclude surface disturbing activities in areas of critical soils (highly saline and/erodible), municipal watersheds and floodplains during times of saturated soils (usually spring runoff and fall rains). For the purpose of preserving and protecting critical soils, floodplains, and municipal watershed from severe erosion as described in the Diamond Mountain Resource Management Plan and EIS. Waivers, Exceptions, or Modifications to the limitation may be specifically approved in writing by the authorized officer of the Bureau of Land Management if either the resource values change or the lessee/operator demonstrates that adverse impacts can be mitigated. Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820).
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

Interim Reclamation:

- 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 using a rangeland drill. Seeding depth as per AO, or seed distributor. If portions of the site are too steep (>40%), or rocky, that portion may be broadcast seeded. If broadcasting seed, the seed shall be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain. Seeding shall occur in the fall (August 1st until snow or ground is frozen) with the following seed mix:

Seed mix:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	<i>Elymus elymoides</i>	3.0	¼ - ½"
Siberian wheatgrass	<i>Agropyron fragile</i>	1.0	½"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	½"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	½"
Gardner's saltbush	<i>Atriplex gardneri</i>	0.50	½"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	⅛ - ¼"

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.

Final reclamation:

- Once the location is plugged and abandoned, the well location, access, and any disturbed areas shall be recontoured to natural topography, topsoil shall be respread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. Final seed mix: same as interim.
- 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.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- 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.

- While actively drilling, 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 (¼, 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.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: Newfield Production Company

Well Name: Sundance Fed 16-31-8-18

API No: 43-047-37388 Lease Type: Federal

Section 31 Township 08S Range 18E County Uintah

Drilling Contractor Ross Rig Rig # 21

SPUDDED:

Date 5-15-08

Time 6:00 PM

How Dry

Drilling will Commence: _____

Reported by Alvin Nelson

Telephone # 435-823-7468

Date 5-16-08 Signed RM

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, core intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries).		38. GEOLOGIC MARKERS				
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Sundance Federal 16-31-8-18	Garden Gulch Mkr Garden Gulch 1 Garden Gulch 2 Point 3 Mkr X Mkr Y-Mkr Douglas Creek Mkr BiCarbonate Mkr B Limestone Mkr Castle Peak Basal Carbonate Total Depth (LOGGERS)		

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)
678 FSL 2216 FEL
SESE Section 31 T8S R18E

5. Lease Serial No.

USA UTU-65969

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 16-31-8-18

9. API Well No.

4304737388

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 5/17/08 MIRU Ross # 21. Spud well @ 7:00 AM. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 323.64 KB. On 5/18/08 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 6.5 bbls cement to pit. WOC.

RECEIVED
MAY 22 2008
DIV. OF OIL, GAS & MINING

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

Ryan Crum

Signature



Title

Drilling Foreman

Date

05/19/2008

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)

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

_____ 8 5/8 _____ CASING SET AT _____ 320.22 _____

LAST CASING 8 5/8" set @ _____ 322.38
 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 Fed 16A-31-8-18
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Ross Rig # 21

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 38.95'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	308.37
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.			FEET	JTS	TOTAL LENGTH OF STRING		310.22
TOTAL LENGTH OF STRING			310.22	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		320.22
TOTAL			308.37	7	} COMPARE		
TOTAL CSG. DEL. (W/O THRDS)			308.37	7			
TIMING			1ST STAGE				
BEGIN RUN CSG.			Spud 5/17/2008	7:00 AM	GOOD CIRC THRU JOB <u>Yes</u>		
CSG. IN HOLE			5/17/2007	1:00 PM	Bbls CMT CIRC TO SURFACE <u>6.5</u>		
BEGIN CIRC			5/18/2008	9:22 AM	RECIPROCATED PIPE FOR <u>N/A</u>		
BEGIN PUMP CMT			5/18/2008	9:30 AM			
BEGIN DSPL. CMT			5/18/2008	9:43 AM	BUMPED PLUG TO <u>442</u> PSI		
PLUG DOWN			5/18/2008	9:50 AM			
CEMENT USED			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 5/18/2008 _____

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

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

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	14844 ✓	4304737388	SUNDANCE FEDERAL 16-31-8-18	SESE	31	8S	18E	UINTAH	5/15/2008	5/29/08
WELL 1 COMMENTS: <i>GRRV</i> Well was P&A <i>BHL=SESE</i>											
B	99999	14844 ✓	4304740079	SUNDANCE FEDERAL 16A-31-8-18	SESE	31	8S	18E	UINTAH	5/17/2008	5/29/08
RIG SKID <i>GRRV</i> <i>BHL=SESE</i>											
A	99999	16876	4301333232	FEDERAL 13-20-9-17	SWSW	20	9S	17E	DUCHESNE	5/15/2008	5/29/08
<i>GRRV</i>											
A	99999	16877	4304739393	FEDERAL 4-19-9-18	NWNW	19	9S	18E	UINTAH	5/21/2008	5/29/08
<i>GRRV</i>											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
WELL 5 COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)
A - new entity 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 entity
E - other (explain in comments section)

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

[Signature]
Signature _____ Jentri Park
Production Clerk _____
Date 05/14/08

RECEIVED
MAY 22 2008
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 678 FSL 2216 FEL
 SESE Section 31 T8S R18E

5. Lease Serial No.
 USA UTU-65969

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 16-31-8-18

9. API Well No.
 4304737388

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 UTAH, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input 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 type="checkbox"/> Other _____	
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	_____	
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate 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 5/15/08 MIRU Ross Rig # 21 spud well @ 6:00 PM Drill 240' of 121/4" with air. 121/4 bit twisted off. TOOH left bit in hole. On 5/16/08 RU BJ & cemented hole from TD to Surface with 200 sks of Class G cement WT 15.8 PPG circulated 11 bbls cement to surface. Hole did not have any fluid in it so 1" pipe was not run. BLM witness job.

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

Title
 Date
 05/24/2008

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 page 2)

RECEIVED

MAY 30 2008

DIV. OF OIL, GAS & MINING