

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-74869
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. Sand Wash Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Sand Wash Federal N-31-8-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43013-34032
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/SW 2034' FSL 2002' FWL At proposed prod. zone 2556' FNL 1385' FWL <i>SE NW</i>		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 11.3 miles south of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 31, T8S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1385' f/lease, 1385' f/unit	16. No. of Acres in lease 1177.07	17. Spacing Unit dedicated to this well 20 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1211'	19. Proposed Depth 6320'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5349' GL	22. Approximate date work will start* 4th Quarter 2008	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 7/14/08
Title Regulatory Specialist		
Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 07-31-08
Title Regulatory Specialist	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
580970X
4436051Y
40.072725
-110.050455

BHL
580780X
4436265Y
40.074669
-110.052655

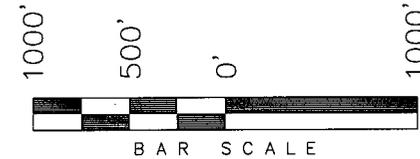
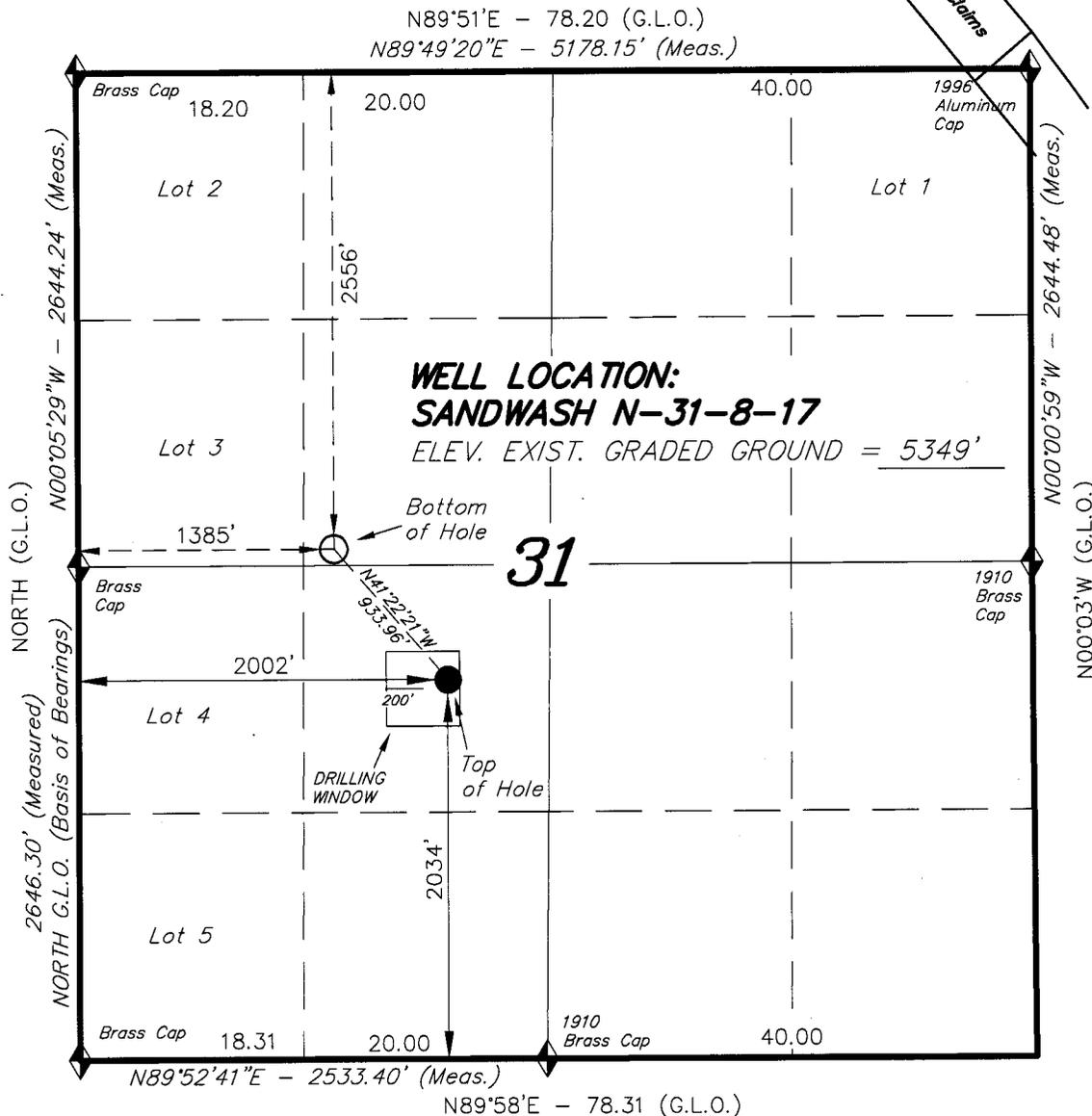
Federal Approval of this
Action is Necessary

RECEIVED
JUL 17 2008
DIV. OF OIL, GAS & MINING

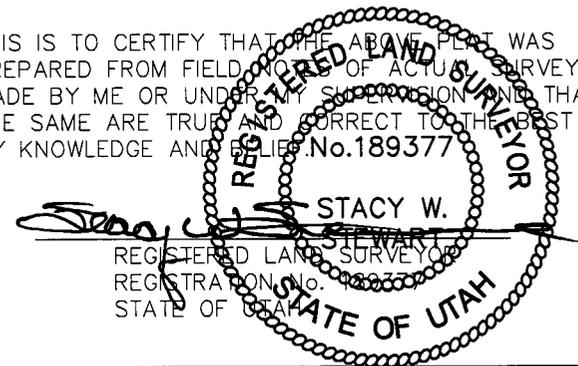
T8S, R17E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, SANDWASH N-31-8-17,
 LOCATED AS SHOWN IN THE NE 1/4 SW
 1/4 OF SECTION 31, T8S, R17E,
 S.L.B.&M. DUCHESNE 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 (MYTON SE)

SANDWASH N-31-8-17
 (Surface Location) NAD 83
 LATITUDE = 40° 04' 21.71"
 LONGITUDE = 110° 03' 04.28"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
 (435) 781-2501

DATE SURVEYED: 05-13-08	SURVEYED BY: T.H.
DATE DRAWN: 05-19-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

**NEWFIELD PRODUCTION COMPANY
SAND WASH FEDERAL N-31-8-17
AT SURFACE: NE/SW SECTION 31, T8S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**
Uinta formation of Upper Eocene Age
2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 1641'
Green River	1641'
Wasatch	6320'
3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**
Green River Formation 1641' – 6320' - 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
SAND WASH FEDERAL N-31-8-17
AT SURFACE: NE/SW SECTION 31, T8S, R17E
DUCHESNE 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 Sand Wash Federal N-31-8-17 located in the NE 1/4 SW 1/4 Section 31, T8S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles ± to the junction of this highway and UT State Hwy 53; proceed southeasterly – 8.8 miles ± to it's junction with an existing dirt road to the southwest; proceed southwesterly – 1.1 miles ± to it's junction with the beginning of the access road to the existing Sand Wash Federal 11-31-8-17 well lcoation.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Sand Wash Federal 11-31-8-17 well pad. See attached **Topographic Map "B"**.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the Sand Wash Federal 11-31-8-17 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Sand Wash Federal N-31-8-17. 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

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right: 43-10136

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

Newfield Collector Well
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

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

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Sand Wash Federal N-31-8-17 will be drilled off of the existing Sand Wash Federal 11-31-8-17 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), State of Utah approved surface disposal facilities, or Federally approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Ferruginous Hawk: Due to this proposed well location's proximity (less than 0.5 mile) to an existing inactive ferruginous hawk nest site, no new construction or surface disturbing activities will be allowed between 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 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)

Squirrell Tail	<i>Elymus Elymoides</i>	6 lbs/acre
Siberian Wheatgrass	<i>Agropyron Fragile</i>	2 lbs/acre
Gardner Saltbush	<i>Atriplex Gardneri</i>	1 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	1 lbs/acre
Fourwing Saltbush	<i>Atriplex Canescens</i>	1 lbs/acre
Scarlet Globemallow	<i>Sphaeralcea Conccinea</i>	0.20 lbs/acre
Forage Kochia	<i>Kochia Prostrata</i>	0.20 lbs/acre

Details of the On-Site Inspection

The proposed Sand Wash Federal N-31-8-17 was on-sited on 6/11/08. The following were present; Kevan Stevens (Newfield Production), Michael Cutler (Bureau of Land Management), Brandon McDonald (Bureau of Land Management), and James Herford (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

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

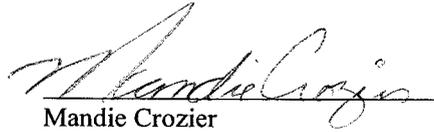
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #N-31-8-17 NE/SW Section 31, Township 8S, Range 17E: Lease UTU-74869 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by 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.

7/14/08

Date



Mandie Crozier
Regulatory Specialist
Newfield Production Company



Scientific Drilling
Rocky Mountain Operations

Project: Duchesne County, UT NAD83 UTC
 Site: Sandwash
 Well: Sandwash N-31-8-17
 Wellbore: OH
 Design: Plan #1

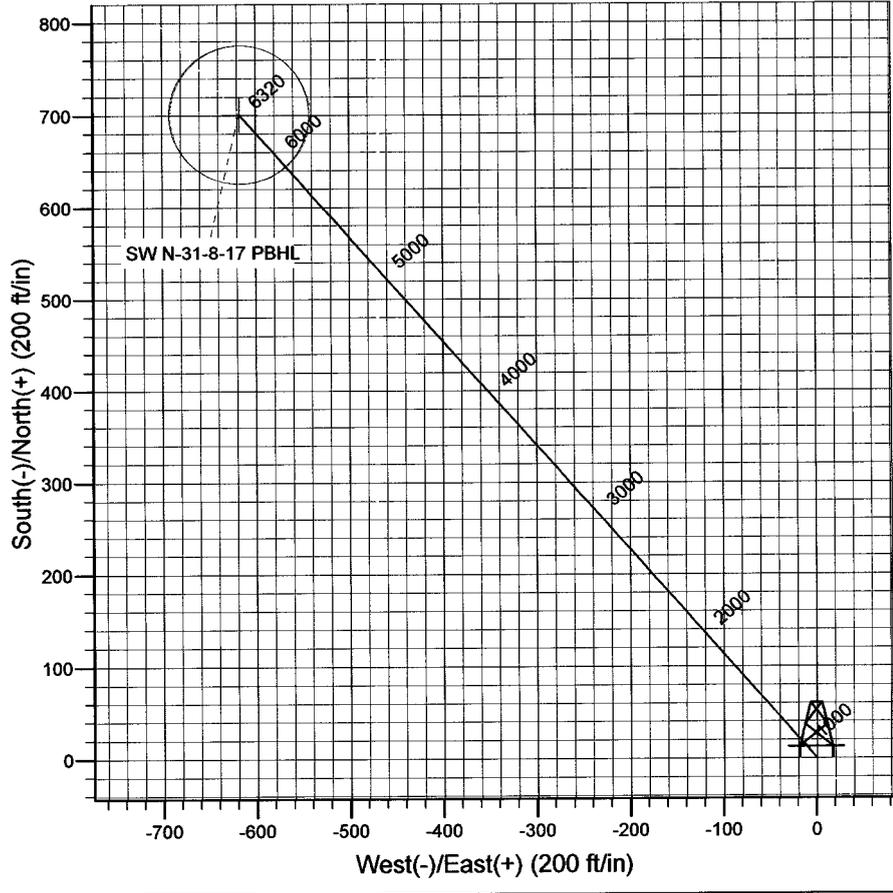
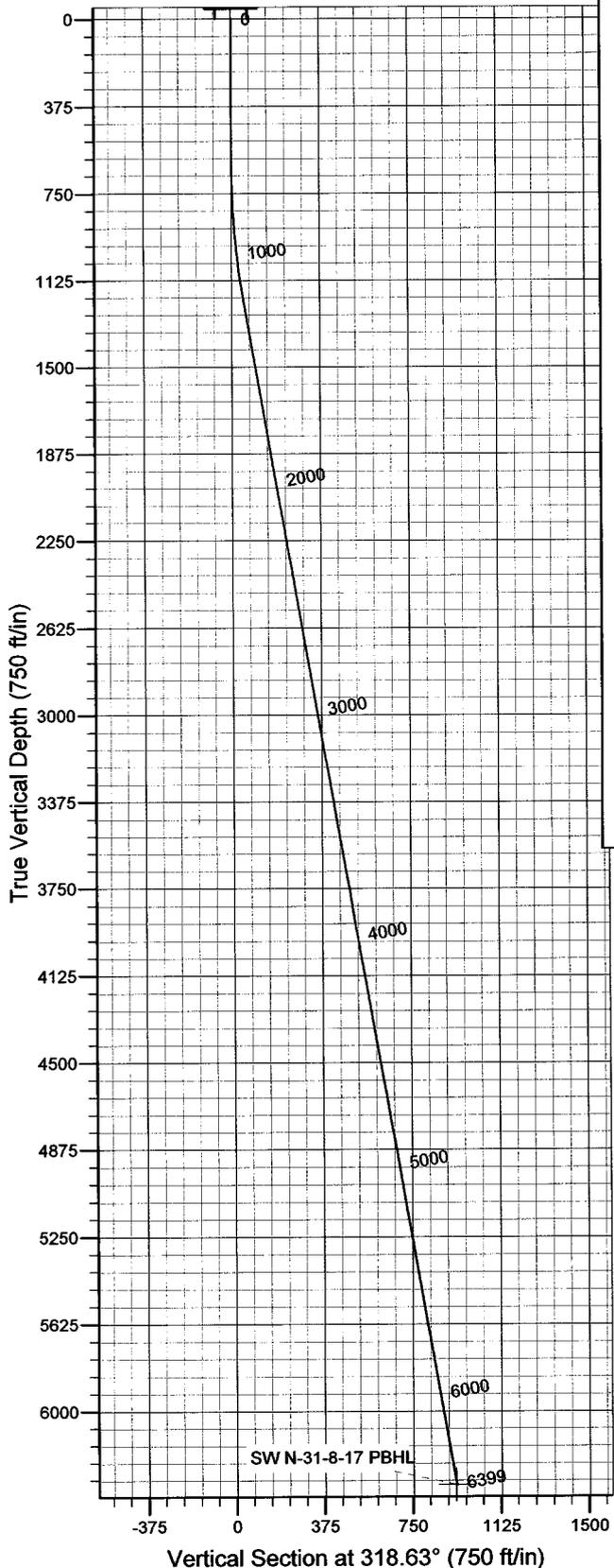
Newfield Exploration Co.



Azimuths to True North
 Magnetic North: 11.68°
 Magnetic Field
 Strength: 52607.3snT
 Dip Angle: 65.90°
 Date: 2008-06-25
 Model: IGRF2005-10

WELL DETAILS: Sandwash N-31-8-17

GL 5349' & RKB 12' @ 5361.00ft 5349.00
 +N/-S 0.00 +E/-W 0.00 Northing 7198501.85 Easting 2045838.00 Latitude 40° 4' 21.710 N Longitude 110° 3' 4.280 W



Plan: Plan #1 (Sandwash N-31-8-17/OH)
 Created By: Julie Cruse Date: 2008-06-25
 PROJECT DETAILS: Duchesne County, UT NAD83 UTC
 Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: Utah Central Zone
 Location:
 System Datum: Mean Sea Level
 Local North: True

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
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	
1255.17	9.83	318.63	1251.96	42.06	-37.04	1.50	318.63	56.05	
6398.68	9.83	318.63	6320.00	700.90	-617.27	0.00	0.00	933.96	SW N-31-8-17 PBHL

Newfield Exploration Co.

Duchesne County, UT NAD83 UTC

Sandwash

Sandwash N-31-8-17

OH

Plan: Plan #1

Standard Planning Report

25 June, 2008

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Sandwash
Well: Sandwash N-31-8-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Sandwash N-31-8-17
TVD Reference: GL 5349' & RKB 12' @ 5361.00ft
MD Reference: GL 5349' & RKB 12' @ 5361.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Project	Duchesne County, UT NAD83 UTC		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	Sandwash,				
Site Position:		Northing:	7,206,453.46 ft	Latitude:	40° 5' 40.520 N
From:	Lat/Long	Easting:	2,044,374.75 ft	Longitude:	110° 3' 21.450 W
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence:	0.93 °

Well	Sandwash N-31-8-17, 2034' FSL 2002' FWL Sec 31 T8S R17E					
Well Position	+N/-S	0.00 ft	Northing:	7,198,501.85 ft	Latitude:	40° 4' 21.710 N
	+E/-W	0.00 ft	Easting:	2,045,838.00 ft	Longitude:	110° 3' 4.280 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,349.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2008-06-25	11.68	65.90	52,607

Design	Plan #1				
Audit Notes:					
Version:	Phase:	PLAN	Tie On Depth:	0.00	
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	318.63	

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)	TFO (°)	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	
1,255.17	9.83	318.63	1,251.96	42.06	-37.04	1.50	1.50	0.00	318.63	
6,398.68	9.83	318.63	6,320.00	700.90	-617.27	0.00	0.00	0.00	0.00	SW N-31-8-17 PBHL

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Sandwash
Well: Sandwash N-31-8-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Sandwash N-31-8-17
TVD Reference: GL 5349' & RKB 12' @ 5361.00ft
MD Reference: GL 5349' & RKB 12' @ 5361.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	1.50	318.63	699.99	0.98	-0.87	1.31	1.50	1.50	0.00
800.00	3.00	318.63	799.91	3.93	-3.46	5.23	1.50	1.50	0.00
900.00	4.50	318.63	899.69	8.84	-7.78	11.77	1.50	1.50	0.00
1,000.00	6.00	318.63	999.27	15.70	-13.83	20.92	1.50	1.50	0.00
1,100.00	7.50	318.63	1,098.57	24.52	-21.60	32.68	1.50	1.50	0.00
1,200.00	9.00	318.63	1,197.54	35.29	-31.08	47.03	1.50	1.50	0.00
1,255.17	9.83	318.63	1,251.96	42.06	-37.04	56.05	1.50	1.50	0.00
1,300.00	9.83	318.63	1,296.13	47.81	-42.10	63.70	0.00	0.00	0.00
1,400.00	9.83	318.63	1,394.67	60.62	-53.38	80.77	0.00	0.00	0.00
1,500.00	9.83	318.63	1,493.20	73.42	-64.66	97.84	0.00	0.00	0.00
1,600.00	9.83	318.63	1,591.73	86.23	-75.94	114.91	0.00	0.00	0.00
1,700.00	9.83	318.63	1,690.26	99.04	-87.23	131.98	0.00	0.00	0.00
1,800.00	9.83	318.63	1,788.80	111.85	-98.51	149.04	0.00	0.00	0.00
1,900.00	9.83	318.63	1,887.33	124.66	-109.79	166.11	0.00	0.00	0.00
2,000.00	9.83	318.63	1,985.86	137.47	-121.07	183.18	0.00	0.00	0.00
2,100.00	9.83	318.63	2,084.40	150.28	-132.35	200.25	0.00	0.00	0.00
2,200.00	9.83	318.63	2,182.93	163.09	-143.63	217.32	0.00	0.00	0.00
2,300.00	9.83	318.63	2,281.46	175.90	-154.91	234.39	0.00	0.00	0.00
2,400.00	9.83	318.63	2,379.99	188.71	-166.19	251.45	0.00	0.00	0.00
2,500.00	9.83	318.63	2,478.53	201.51	-177.47	268.52	0.00	0.00	0.00
2,600.00	9.83	318.63	2,577.06	214.32	-188.75	285.59	0.00	0.00	0.00
2,700.00	9.83	318.63	2,675.59	227.13	-200.03	302.66	0.00	0.00	0.00
2,800.00	9.83	318.63	2,774.12	239.94	-211.31	319.73	0.00	0.00	0.00
2,900.00	9.83	318.63	2,872.66	252.75	-222.59	336.79	0.00	0.00	0.00
3,000.00	9.83	318.63	2,971.19	265.56	-233.87	353.86	0.00	0.00	0.00
3,100.00	9.83	318.63	3,069.72	278.37	-245.16	370.93	0.00	0.00	0.00
3,200.00	9.83	318.63	3,168.25	291.18	-256.44	388.00	0.00	0.00	0.00
3,300.00	9.83	318.63	3,266.79	303.99	-267.72	405.07	0.00	0.00	0.00
3,400.00	9.83	318.63	3,365.32	316.80	-279.00	422.14	0.00	0.00	0.00
3,500.00	9.83	318.63	3,463.85	329.60	-290.28	439.20	0.00	0.00	0.00
3,600.00	9.83	318.63	3,562.38	342.41	-301.56	456.27	0.00	0.00	0.00
3,700.00	9.83	318.63	3,660.92	355.22	-312.84	473.34	0.00	0.00	0.00
3,800.00	9.83	318.63	3,759.45	368.03	-324.12	490.41	0.00	0.00	0.00
3,900.00	9.83	318.63	3,857.98	380.84	-335.40	507.48	0.00	0.00	0.00
4,000.00	9.83	318.63	3,956.51	393.65	-346.68	524.55	0.00	0.00	0.00
4,100.00	9.83	318.63	4,055.05	406.46	-357.96	541.61	0.00	0.00	0.00
4,200.00	9.83	318.63	4,153.58	419.27	-369.24	558.68	0.00	0.00	0.00
4,300.00	9.83	318.63	4,252.11	432.08	-380.52	575.75	0.00	0.00	0.00
4,400.00	9.83	318.63	4,350.65	444.89	-391.81	592.82	0.00	0.00	0.00
4,500.00	9.83	318.63	4,449.18	457.69	-403.09	609.89	0.00	0.00	0.00
4,600.00	9.83	318.63	4,547.71	470.50	-414.37	626.96	0.00	0.00	0.00
4,700.00	9.83	318.63	4,646.24	483.31	-425.65	644.02	0.00	0.00	0.00
4,800.00	9.83	318.63	4,744.78	496.12	-436.93	661.09	0.00	0.00	0.00
4,900.00	9.83	318.63	4,843.31	508.93	-448.21	678.16	0.00	0.00	0.00
5,000.00	9.83	318.63	4,941.84	521.74	-459.49	695.23	0.00	0.00	0.00
5,100.00	9.83	318.63	5,040.37	534.55	-470.77	712.30	0.00	0.00	0.00
5,200.00	9.83	318.63	5,138.91	547.36	-482.05	729.37	0.00	0.00	0.00

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Sandwash
Well: Sandwash N-31-8-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Sandwash N-31-8-17
TVD Reference: GL 5349' & RKB 12' @ 5361.00ft
MD Reference: GL 5349' & RKB 12' @ 5361.00ft
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	9.83	318.63	5,237.44	560.17	-493.33	746.43	0.00	0.00	0.00
5,400.00	9.83	318.63	5,335.97	572.98	-504.61	763.50	0.00	0.00	0.00
5,500.00	9.83	318.63	5,434.50	585.78	-515.89	780.57	0.00	0.00	0.00
5,600.00	9.83	318.63	5,533.04	598.59	-527.17	797.64	0.00	0.00	0.00
5,700.00	9.83	318.63	5,631.57	611.40	-538.46	814.71	0.00	0.00	0.00
5,800.00	9.83	318.63	5,730.10	624.21	-549.74	831.78	0.00	0.00	0.00
5,900.00	9.83	318.63	5,828.63	637.02	-561.02	848.84	0.00	0.00	0.00
6,000.00	9.83	318.63	5,927.17	649.83	-572.30	865.91	0.00	0.00	0.00
6,100.00	9.83	318.63	6,025.70	662.64	-583.58	882.98	0.00	0.00	0.00
6,200.00	9.83	318.63	6,124.23	675.45	-594.86	900.05	0.00	0.00	0.00
6,300.00	9.83	318.63	6,222.76	688.26	-606.14	917.12	0.00	0.00	0.00
6,398.68	9.83	318.63	6,320.00	700.90	-617.27	933.96	0.00	0.00	0.00

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
SW N-31-8-17 PBHL - plan hits target center - Circle (radius 75.00)	0.00	0.00	6,320.00	700.90	-617.27	7,199,192.66	2,045,209.45	40° 4' 28.637 N	110° 3' 12.221 W

NEWFIELD PRODUCTION COMPANY

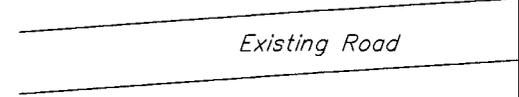
WELL PAD INTERFERENCE PLAT

SANDWASH N-31-8-17 (Proposed Well)

SANDWASH 11-31-8-17 (Existing Well)

SANDWASH 14-31-8-17 (Existing Well)

Pad Location: NESW Section 31, T8S, R17E, S.L.B.&M.

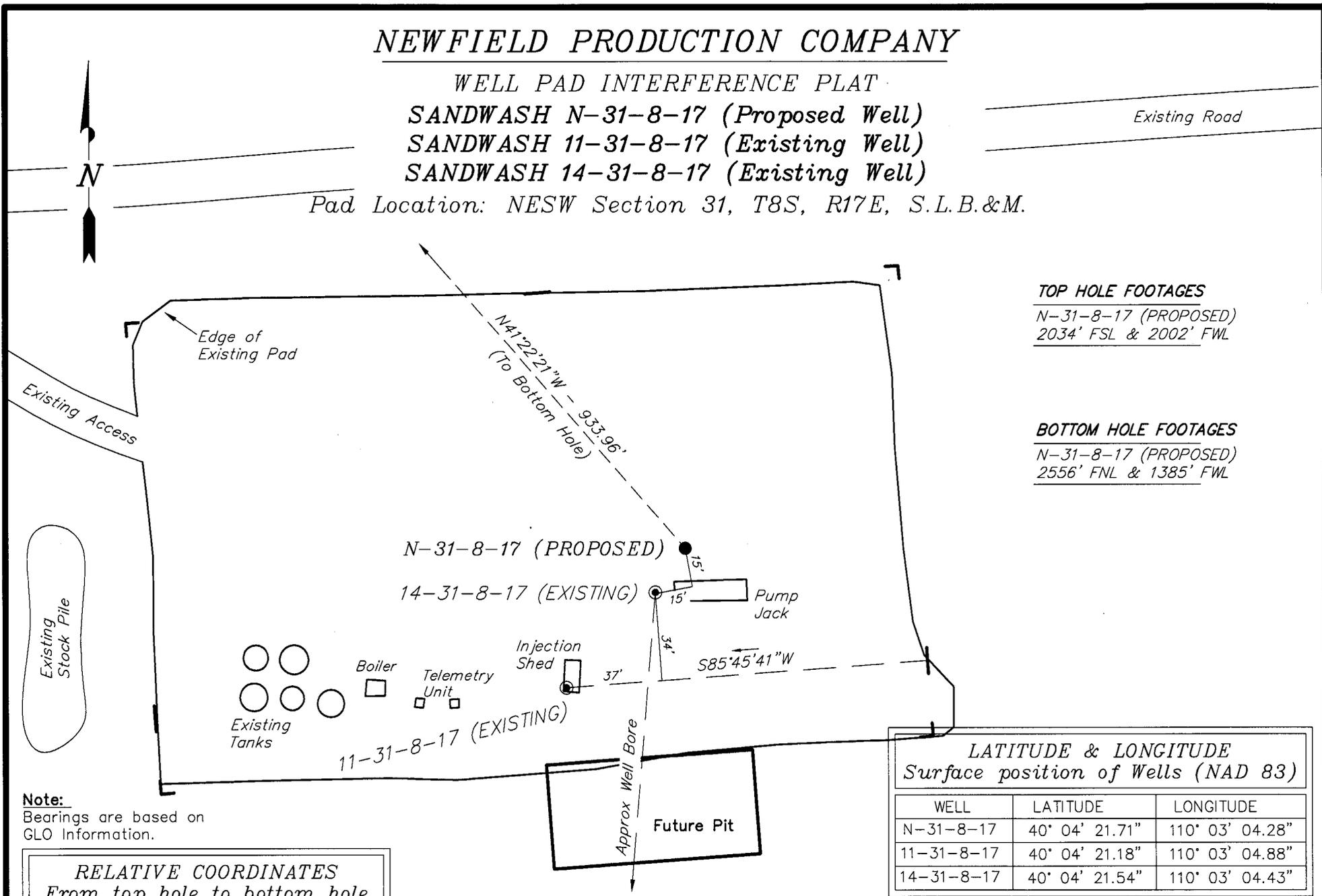


TOP HOLE FOOTAGES

N-31-8-17 (PROPOSED)
2034' FSL & 2002' FWL

BOTTOM HOLE FOOTAGES

N-31-8-17 (PROPOSED)
2556' FNL & 1385' FWL



N-31-8-17 (PROPOSED)

14-31-8-17 (EXISTING)

11-31-8-17 (EXISTING)

Existing Access

Edge of Existing Pad

Existing Stock Pile

Future Pit

Note:
Bearings are based on
GLO Information.

RELATIVE COORDINATES From top hole to bottom hole		
WELL	NORTH	EAST
N-31-8-17	701'	-617'

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)		
WELL	LATITUDE	LONGITUDE
N-31-8-17	40° 04' 21.71"	110° 03' 04.28"
11-31-8-17	40° 04' 21.18"	110° 03' 04.88"
14-31-8-17	40° 04' 21.54"	110° 03' 04.43"

SURVEYED BY: T.H.	DATE SURVEYED: 05-13-08
DRAWN BY: F.T.M.	DATE DRAWN: 05-19-08
SCALE: 1" = 50'	REVISED:

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

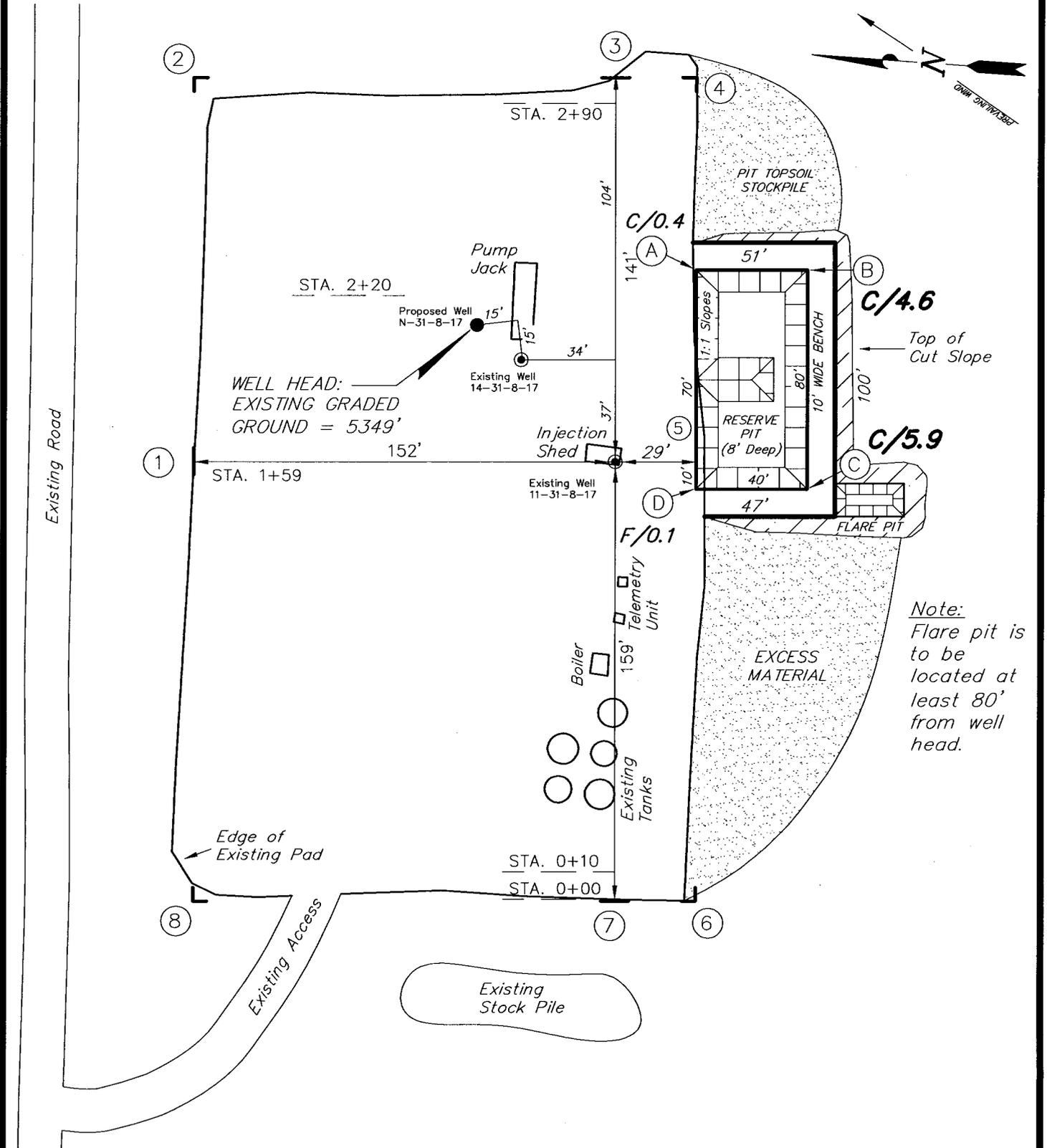
NEWFIELD PRODUCTION COMPANY

SANDWASH N-31-8-17 (Proposed Well)

SANDWASH 11-31-8-17 (Existing Well)

SANDWASH 14-31-8-17 (Existing Well)

Pad Location: NESW Section 31, T8S, R17E, S.L.B.&M.



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

SURVEYED BY: T.H.	DATE SURVEYED: 05-13-08
DRAWN BY: F.T.M.	DATE DRAWN: 05-19-08
SCALE: 1" = 50'	REVISED:

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

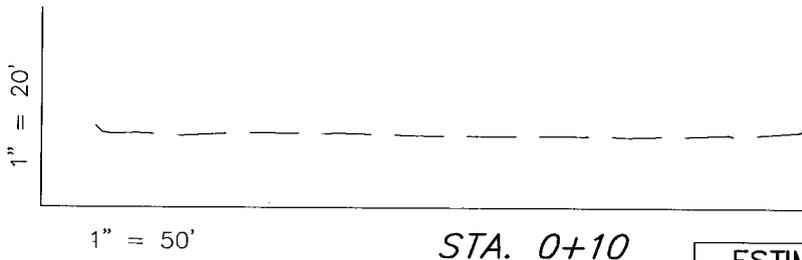
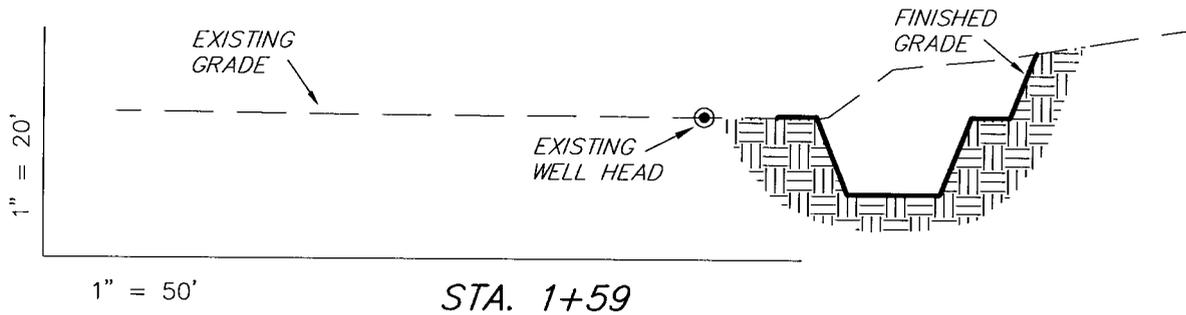
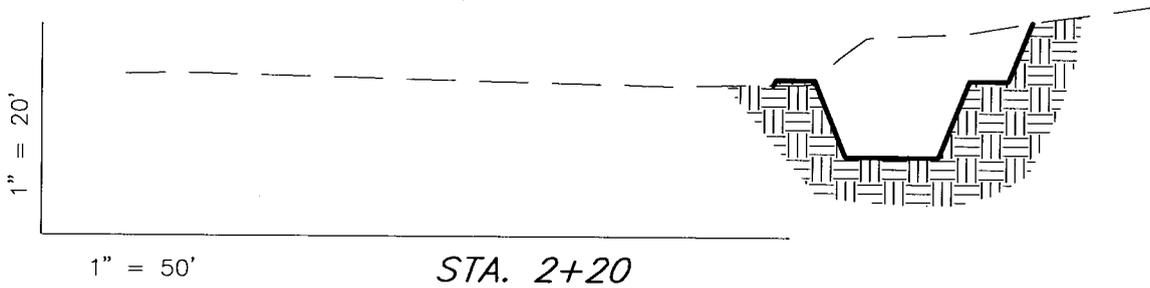
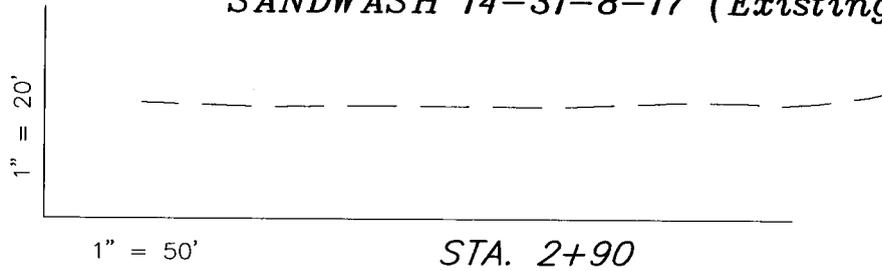
NEW FIELD PRODUCTION COMPANY

CROSS SECTIONS

SANDWASH N-31-8-17 (Proposed Well)

SANDWASH 11-31-8-17 (Existing Well)

SANDWASH 14-31-8-17 (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	1,020	20	Topsoil is not included in Pad Cut	1,000
PIT	640	0		640
TOTALS	1,660	20	150	1,640

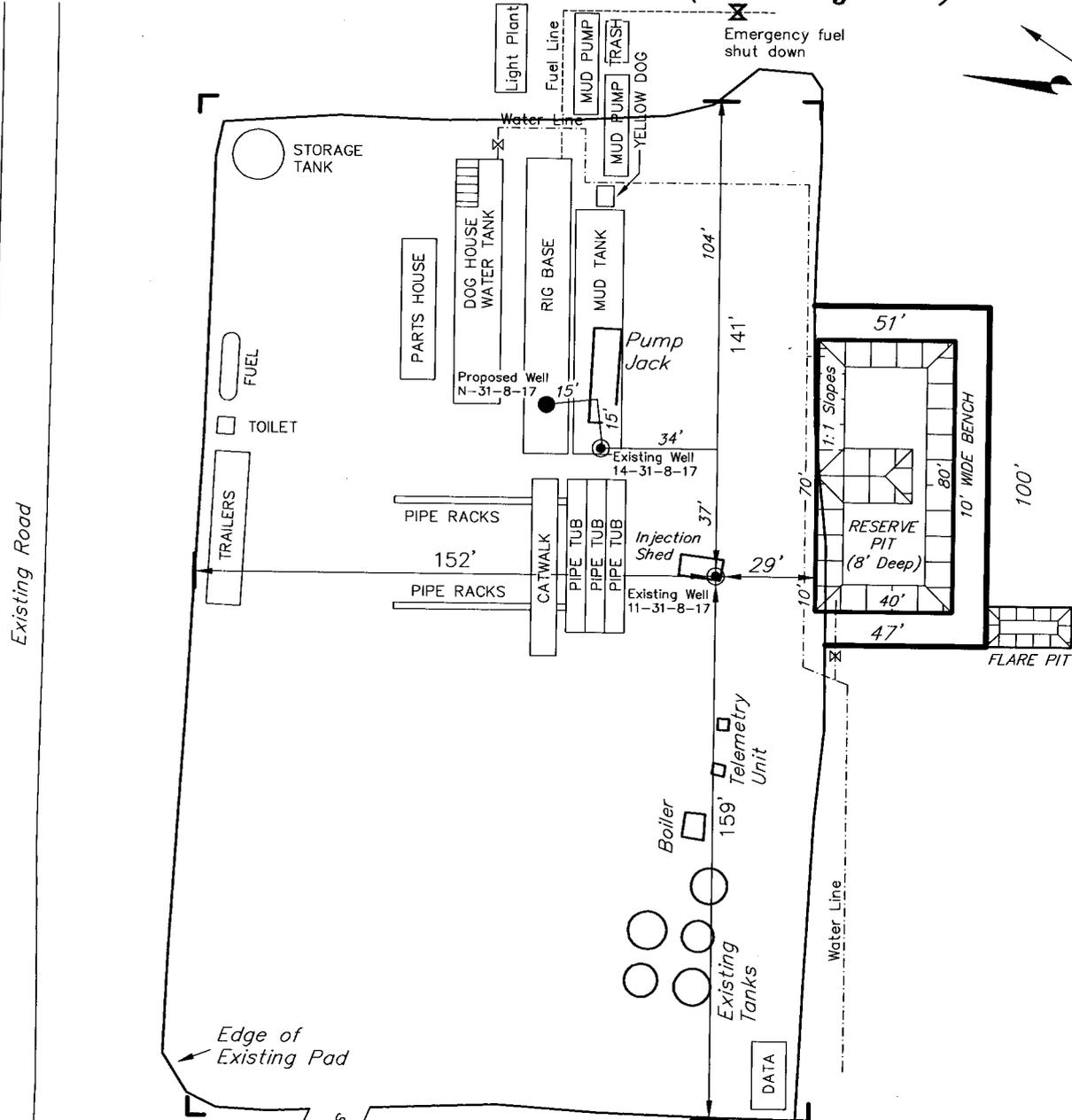
SURVEYED BY: T.H.	DATE SURVEYED: 05-13-08
DRAWN BY: F.T.M.	DATE DRAWN: 05-19-08
SCALE: 1" = 50'	REVISED:

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

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

SANDWASH N-31-8-17 (Proposed Well)
SANDWASH 11-31-8-17 (Existing Well)
SANDWASH 14-31-8-17 (Existing Well)



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

SURVEYED BY: T.H.	DATE SURVEYED: 05-13-08
DRAWN BY: F.T.M.	DATE DRAWN: 05-19-08
SCALE: 1" = 50'	REVISED:

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

Newfield Production Company Proposed Site Facility Diagram

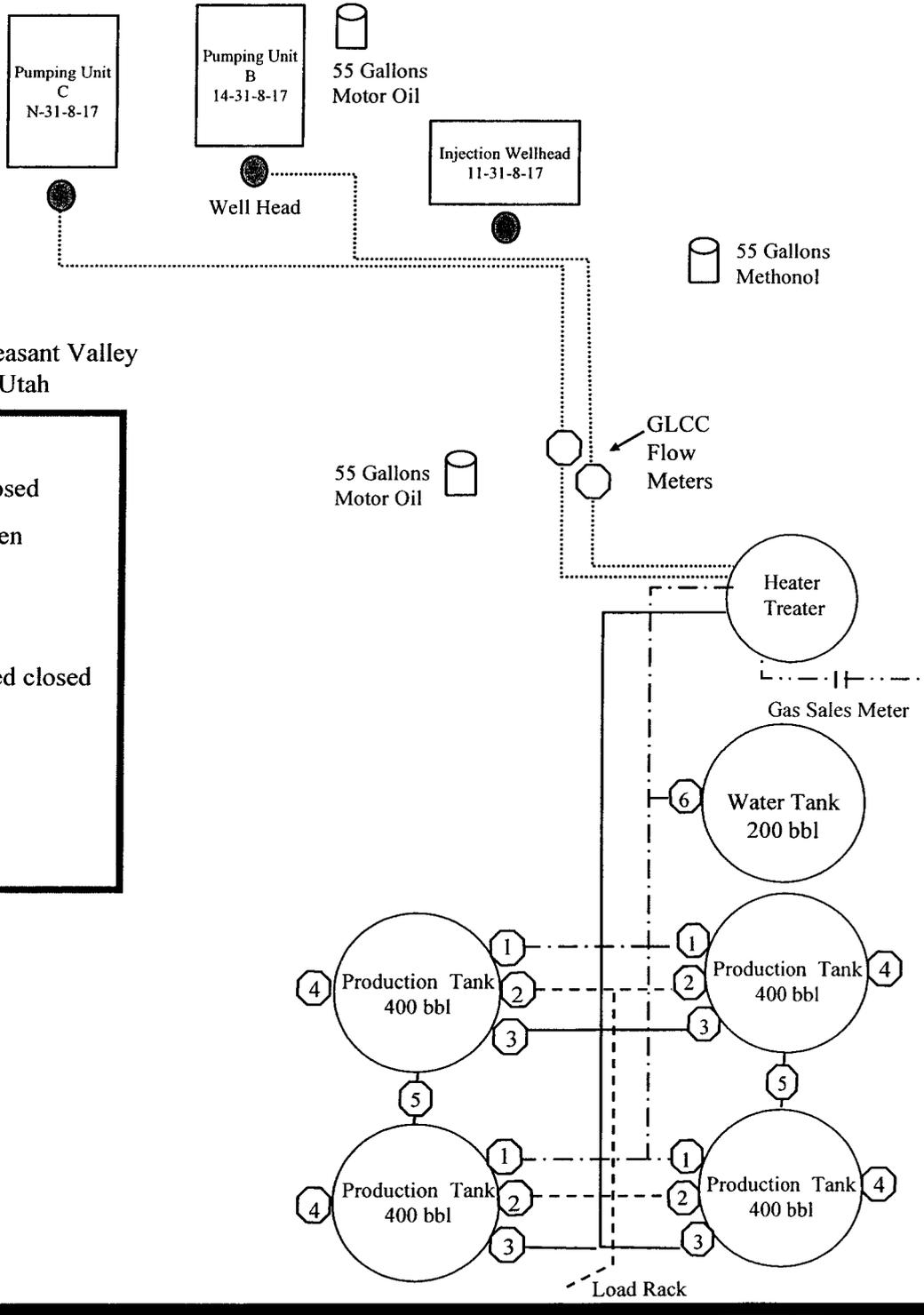
Sandwash Federal N-31-8-17

From the 11-31-8-17 Location

NE/SW Sec. 31, T8S, 17E

Duchesne County, Utah

UTU-74869



Site Security Plan is held at the Pleasant Valley
Office, Duchesne County Utah

Production Phase:

- 1) Valves 1, 2, and 4 sealed closed
- 2) Valves 3, 5, and 6 sealed open

Sales Phase:

- 1) Valves 1, 3, 4, 5, and 6 sealed closed
- 2) Valves 2 open

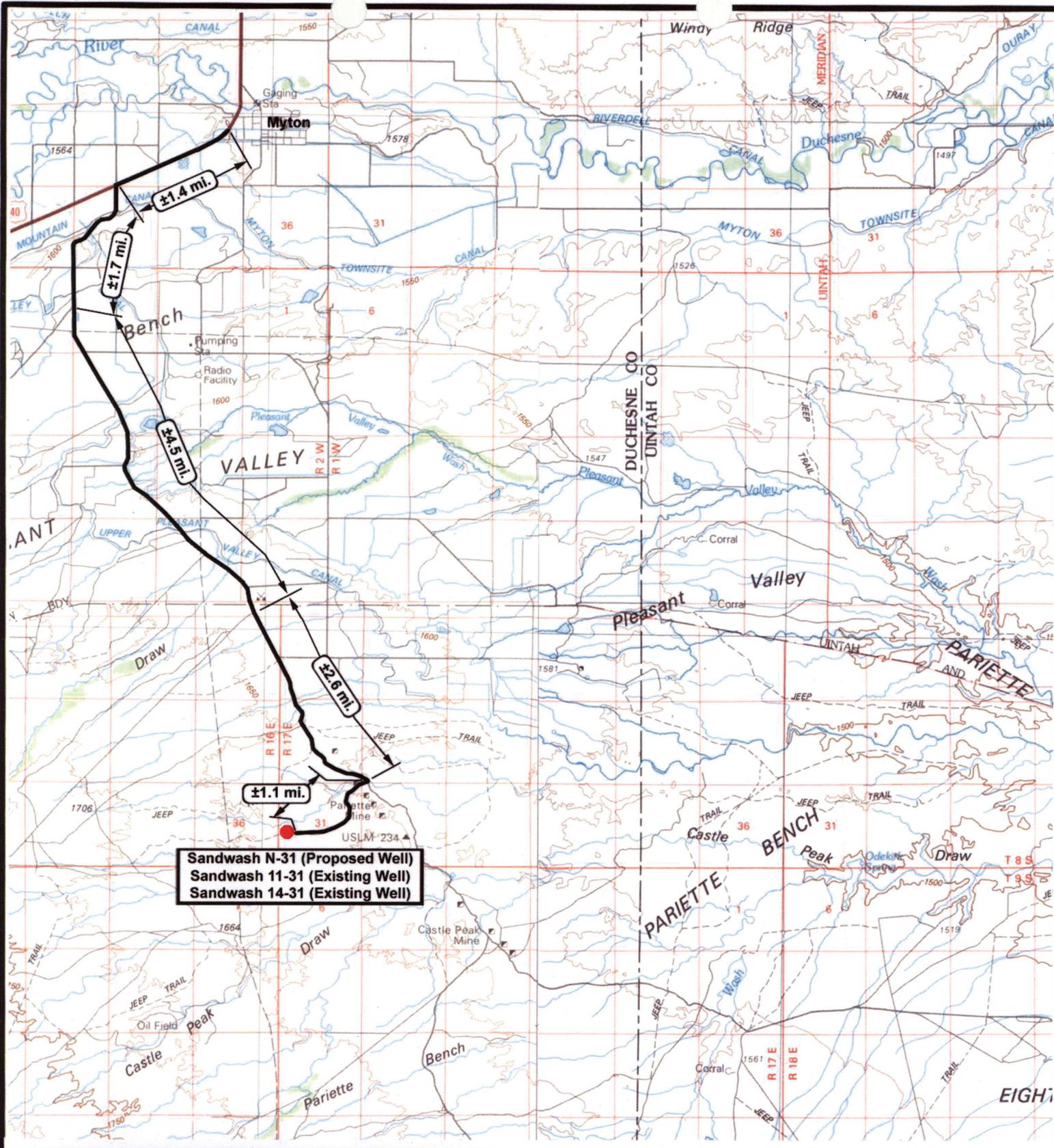
Draining Phase:

- 1) Valves 1 and 6 open

Legend

Emulsion Line
Load Line	-----
Water Line	- . - . - . - .
Oil Line	_____
Gas Sales	- . - . - . - .

← Diked Section



Sandwash N-31 (Proposed Well)
Sandwash 11-31 (Existing Well)
Sandwash 14-31 (Existing Well)


NEWFIELD
 Exploration Company

Sandwash N-31-8-17 (Proposed Well)
Sandwash 11-31-8-17 (Existing Well)
Sandwash 14-31-8-17 (Existing Well)
 Pad Location: **NESW SEC 31, T8S, R17E, S.L.B.&M.**



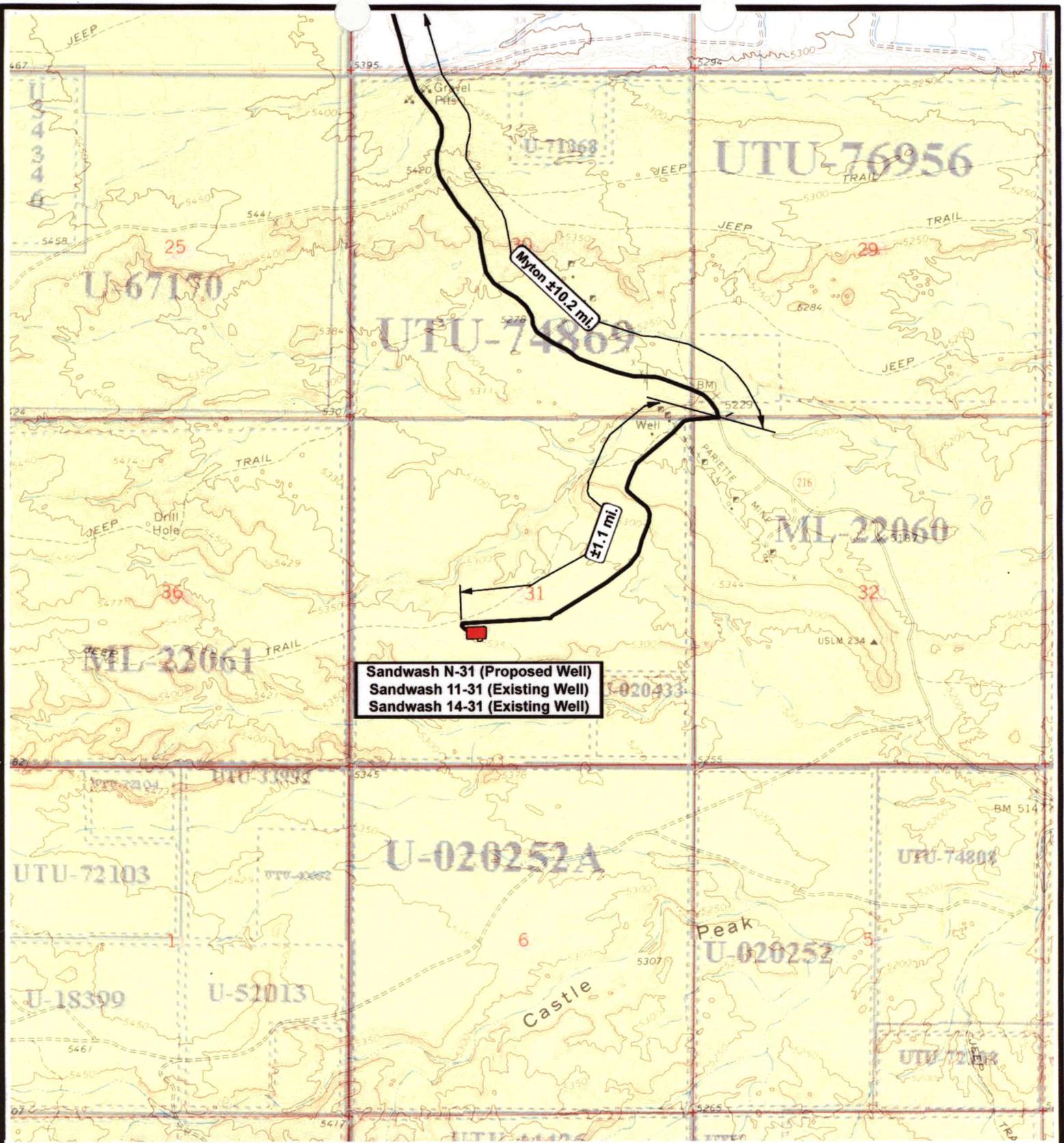

Tri-State
 Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 : 100,000
DRAWN BY: nc
DATE: 05-21-2008

Legend

 Existing Road

TOPOGRAPHIC MAP
"A"



Sandwash N-31 (Proposed Well)
Sandwash 11-31 (Existing Well)
Sandwash 14-31 (Existing Well)



Sandwash N-31-8-17 (Proposed Well)
Sandwash 11-31-8-17 (Existing Well)
Sandwash 14-31-8-17 (Existing Well)
Pad Location: NESW SEC. 31, T8S, R17E, S.L.B.&M.



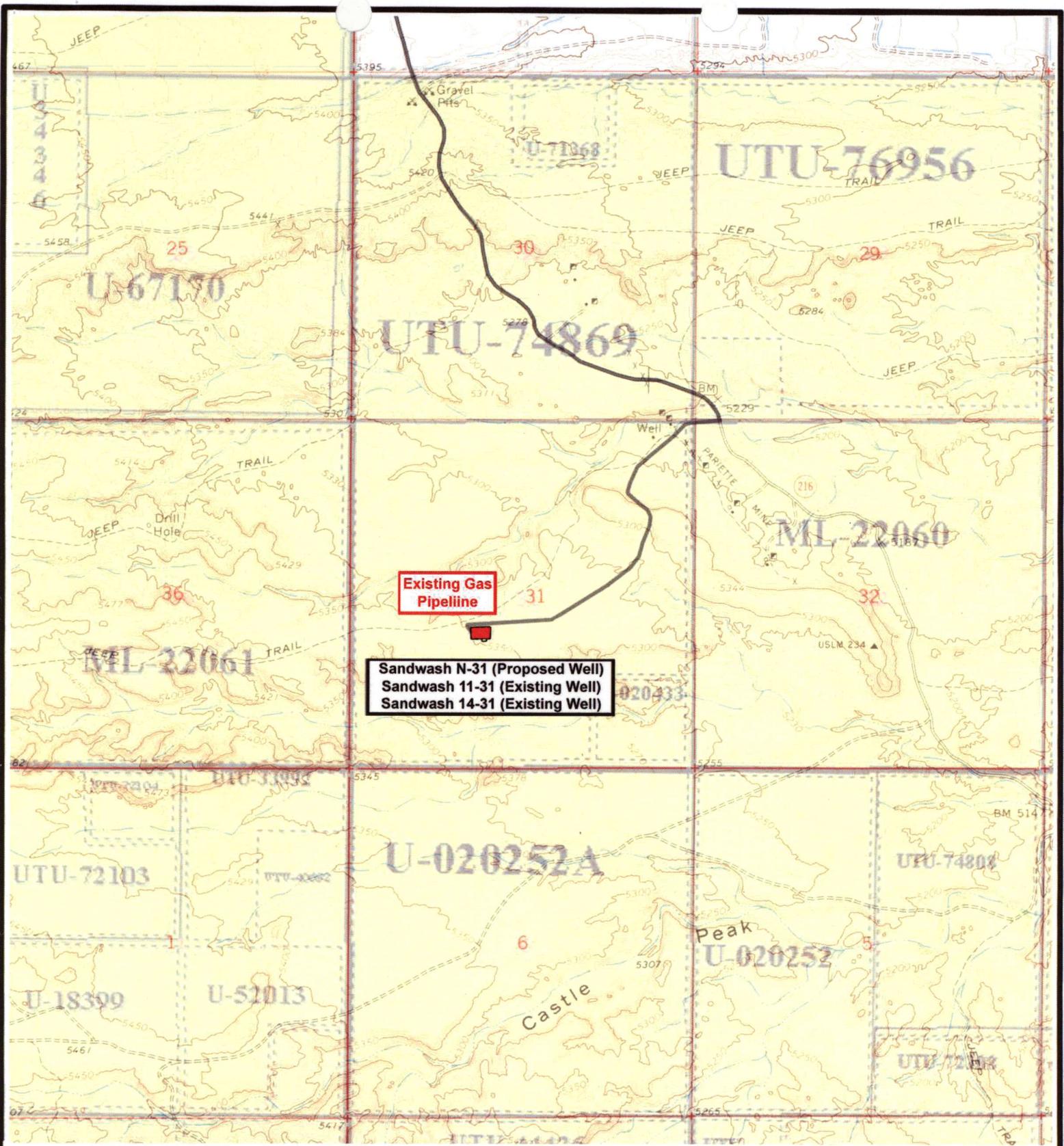

Tri-State Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: nc
DATE: 05-21-2008

Legend

 Existing Road

TOPOGRAPHIC MAP
"B"



Existing Gas Pipeline

**Sandwash N-31 (Proposed Well)
Sandwash 11-31 (Existing Well)
Sandwash 14-31 (Existing Well)**



NEWFIELD
Exploration Company

**Sandwash N-31-8-17 (Proposed Well)
Sandwash 11-31-8-17 (Existing Well)
Sandwash 14-31-8-17 (Existing Well)**

Pad Location: NESW SEC. 31, T8S, R17E, 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: nc

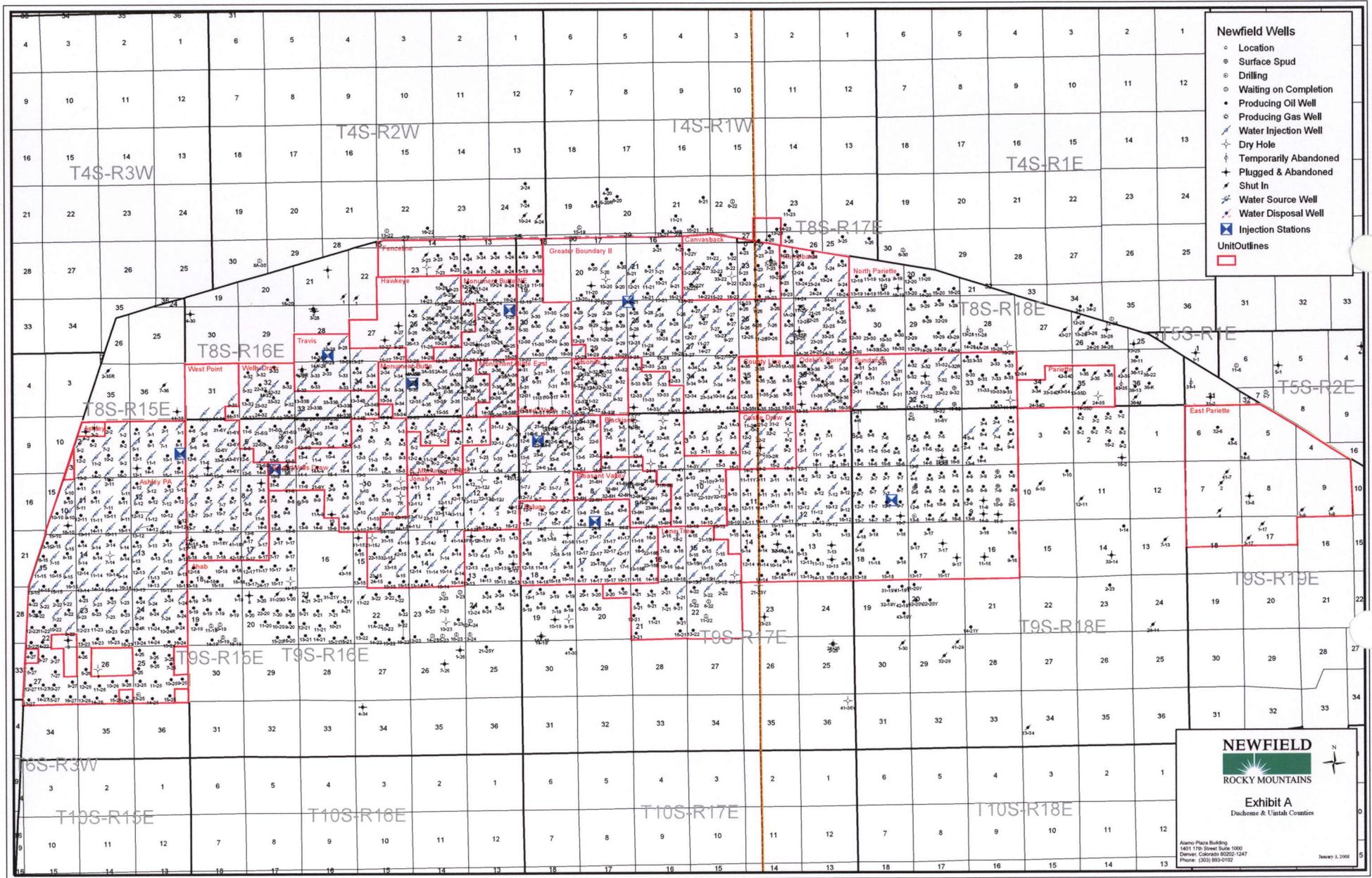
DATE: 05-21-2008

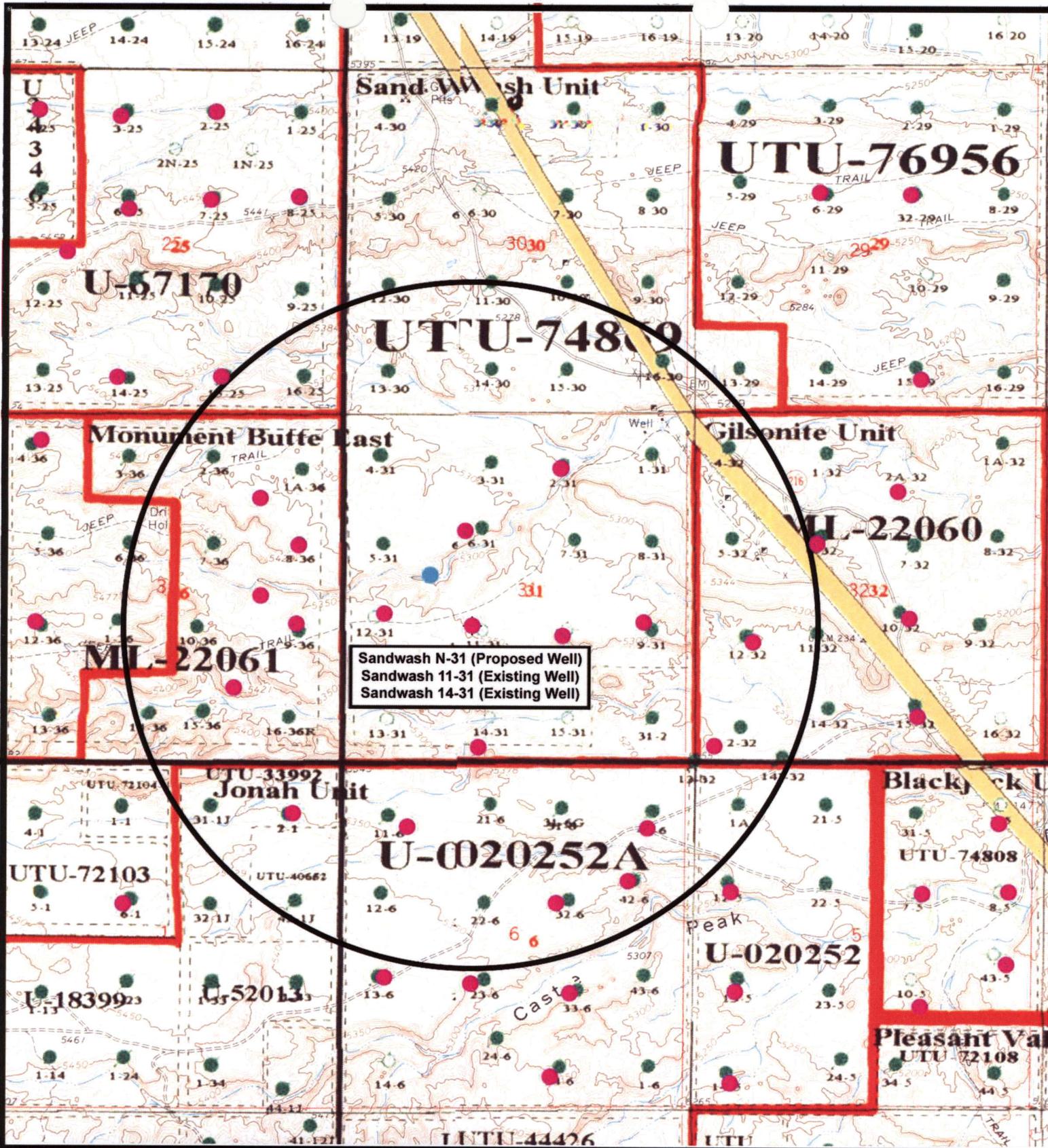
Legend

— Roads

TOPOGRAPHIC MAP

"C"





Sandwash N-31 (Proposed Well)
 Sandwash 11-31 (Existing Well)
 Sandwash 14-31 (Existing Well)



NEWFIELD
Exploration Company

Sandwash N-31-8-17 (Proposed Well)
 Sandwash 11-31-8-17 (Existing Well)
 Sandwash 14-31-8-17 (Existing Well)
 Pad Location: NESW SEC. 31, T8S, R17E, 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: nc
 DATE: 05-21-2008

Legend

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

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

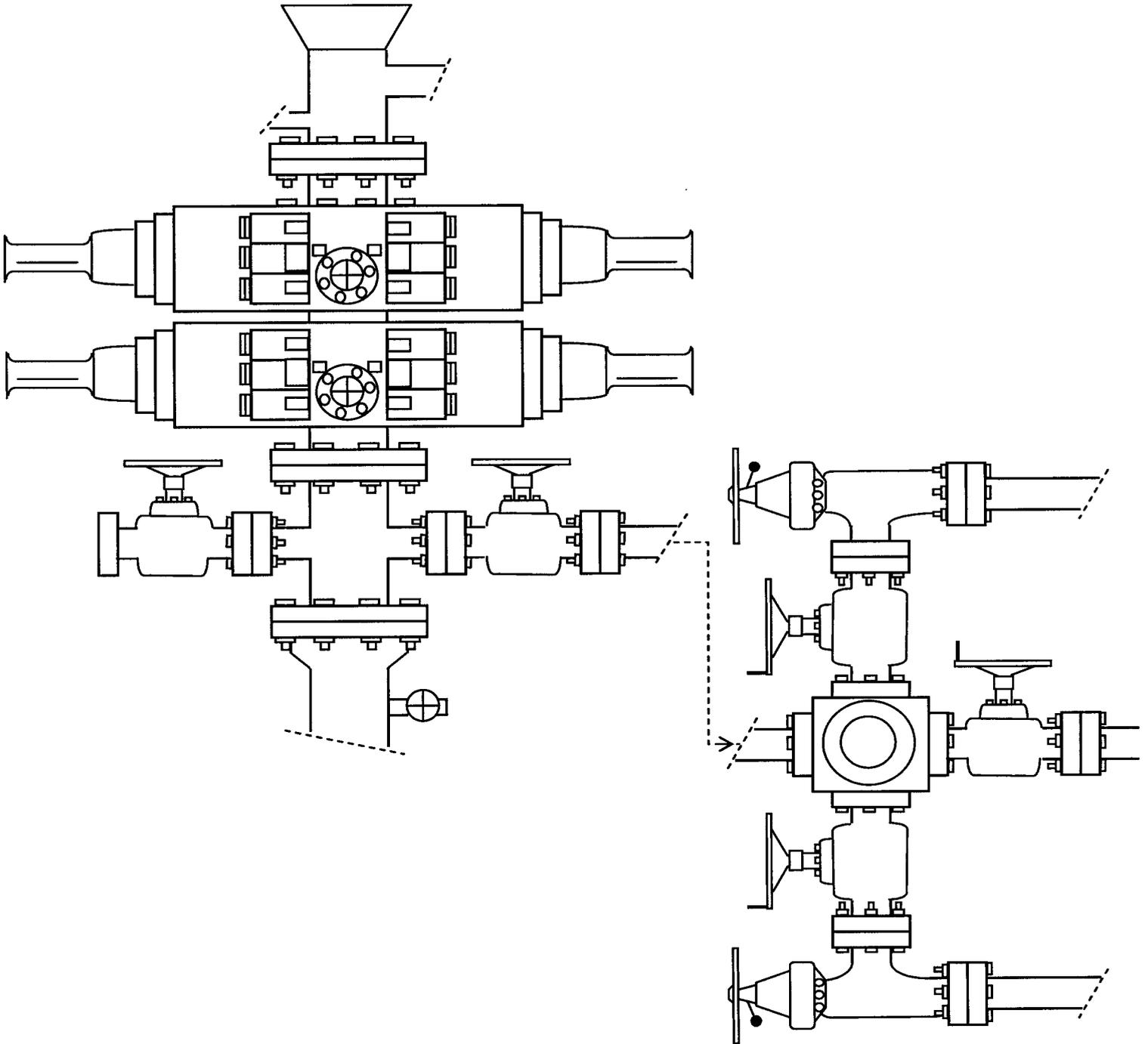


EXHIBIT C

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 07/17/2008

API NO. ASSIGNED: 43-013-34032

WELL NAME: SAND WASH FED N-31-8-17
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:
 NESW 31 080S 170E
 SURFACE: 2034 FSL 2002 FWL
 BOTTOM: 2556 FNL 1385 FWL
 COUNTY: DUCHESNE
 LATITUDE: 40.07273 LONGITUDE: -110.0505
 UTM SURF EASTINGS: 580970 NORTHINGS: 4436051
 FIELD NAME: MONUMENT BUTTE (105)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-74869
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

Plat

Bond: Fed[1] Ind[] Sta[] Fee[]
 (No. WYB000493)

N Potash (Y/N)

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

Water Permit
 (No. 43-10136)

N RDCC Review (Y/N)
 (Date: _____)

AVA Fee Surf Agreement (Y/N)

AVA Intent to Commingle (Y/N)

LOCATION AND SITING:

____ R649-2-3.

Unit: SAND WASH (GRRV)

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

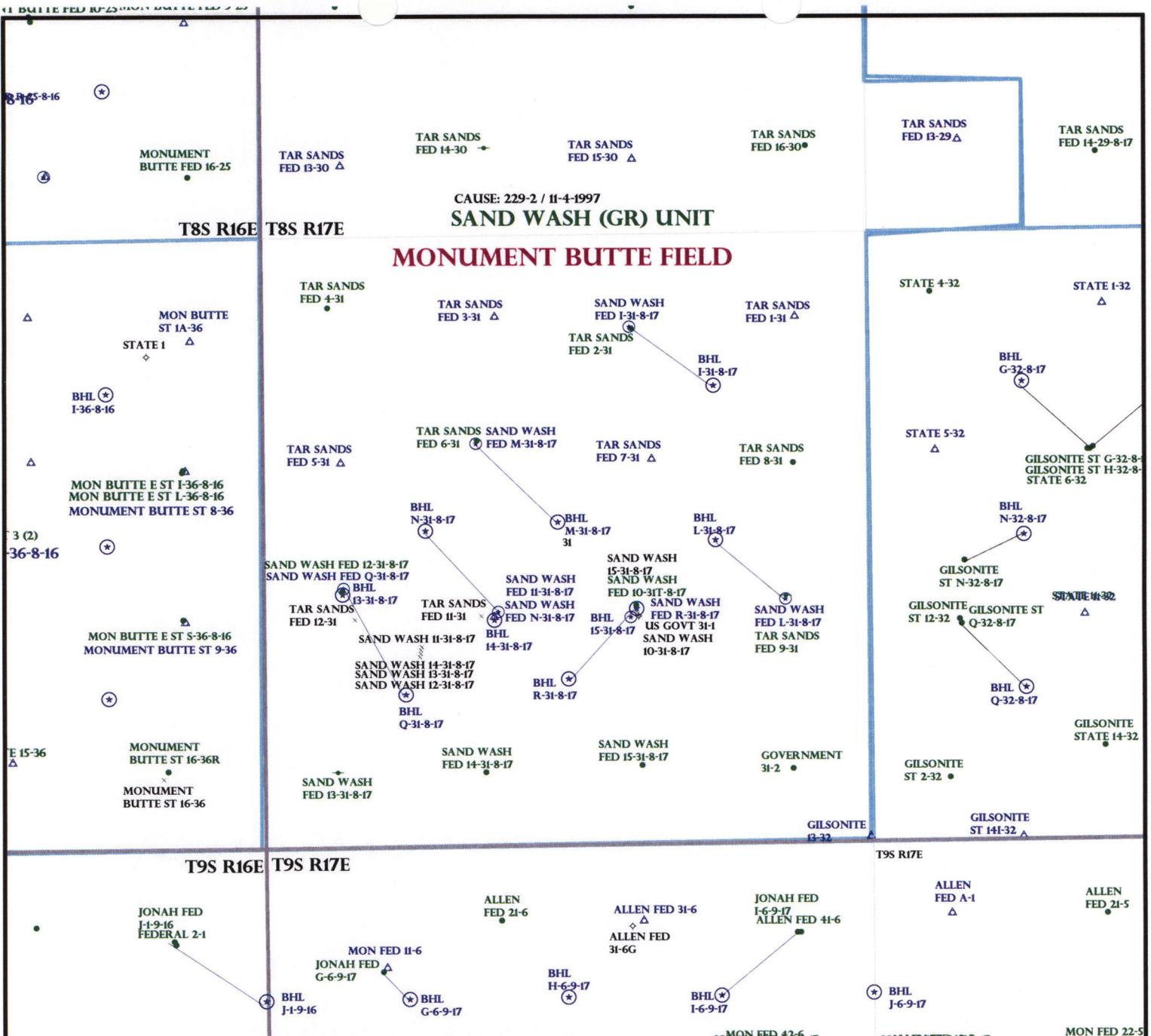
____ R649-3-3. Exception

Drilling Unit
 Board Cause No: 229-2
 Eff Date: 11-4-1987
 Siting: Suspension Granted (Siting)

R649-3-11. Directional Drill

COMMENTS: See Separate file

STIPULATIONS: 1- Fed. Appr. (Approved)



OPERATOR: NEWFIELD PROD CO (N2695)
 SEC: 31 T.8S R. 17E
 FIELD: MONUMENT BUTTE (105)
 COUNTY: DUCHESNE
 CAUSE: 229-2 / 11-4-1997

Field Status	Unit Status
ABANDONED	EXPLORATORY
ACTIVE	GAS STORAGE
COMBINED	NF PP OIL
INACTIVE	NF SECONDARY
PROPOSED	PENDING
STORAGE	PI OIL
TERMINATED	PP GAS
	PP GEOTHERML
	PP OIL
	SECONDARY
	TERMINATED

UTAH DNR
OIL, GAS & MINING

Wells Status

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

PREPARED BY: DIANA MASON
DATE: 21-JULY-2008

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

RECEIVED

JUL 22 2008

IN REPLY REFER TO:

3160

(UT-922)

DIV. OF OIL, GAS & MINING

July 21, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2008 Plan of Development Sand Wash Unit,
Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Sand Wash Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-34031	Sand Wash Fed M-31-8-17	Sec 31 T08S R17E 1802 FNL 1827 FWL BHL Sec 31 T08S R17E 2805 FSL 2670 FEL
43-013-34032	Sand Wash Fed N-31-8-17	Sec 31 T08S R17E 2034 FSL 2002 FWL BHL Sec 31 T08S R17E 2556 FNL 1385 FWL
43-013-34033	Sand Wash Fed R-31-8-17	Sec 31 T08S R17E 1973 FSL 2055 FEL BHL Sec 31 T08S R17E 1445 FSL 2595 FEL

We have no objections to permitting the well so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File - Sand Wash Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:7-21-08



July 23, 2008

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
PO Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
Sand Wash Federal N-31-8-17
Sand Wash Unit
UTU-76788X
Surface Hole: T8S R17E, Section 31: NESW
2034' FSL 2002' FWL
Bottom Hole: T8S R17E, Section 31
2556' FNL 1385' FWL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated July 14, 2008, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and bottom hole location of this well are both within the boundaries of the Sand Wash Unit UTU-76788X. Newfield certifies that it is the Sand Wash Unit Operator and all lands within 460 feet of the entire directional well bore are within the Sand Wash Unit.

NPC is permitting this well as a directional well in order to minimize surface disturbance. By directionally drilling from the referenced surface location, NPC will be able to utilize the existing roads and pipelines in this area.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at reveland@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland
Land Associate

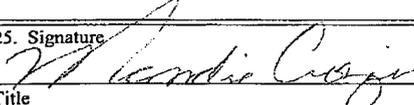
RECEIVED

JUL 25 2008

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-74869	
		6. If Indian, Allottee or Tribe Name N/A	
1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		7. If Unit or CA Agreement, Name and No. Sand Wash Unit	
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		8. Lease Name and Well No. Sand Wash Federal N-31-8-17	
2. Name of Operator Newfield Production Company		9. API Well No.	
3a. Address Route #3 Box 3630, Myton UT 84052		3b. Phone No. (include area code) (435) 646-3721	
10. Field and Pool, or Exploratory Monument Butte		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 31, T8S R17E	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/SW 2034' FSL 2002' FWL At proposed prod. zone 2556' FNL 1385' FWL		12. County or Parish Duchesne	
13. State UT		14. Distance in miles and direction from nearest town or post office* Approximatley 11.3 miles south of Myton, Utah	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1385' (l)se, 1385' (l)unit		16. No. of Acres in lease 1177.07	
17. Spacing Unit dedicated to this well 20 Acres		18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1211'	
19. Proposed Depth 6320'		20. BLM/BIA Bond No. on file WYB000493	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5349' GL		22. Approximate date work will start* 4th Quarter 2008	
23. Estimated duration Approximately seven (7) days from spud to rig release.		24. Attachments	
The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:			
1. Well plat certified by a registered surveyor.		4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).	
2. A Drilling Plan.		5. Operator certification.	
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).		6. Such other site specific information and/or plans as may be required by the authorized officer.	
25. Signature 		Name (Printed/Typed) Mandie Crozier	
Title Regulatory Specialist		Date 7/14/08	
Approved by (Signature)		Name (Printed/Typed)	
Title		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.			

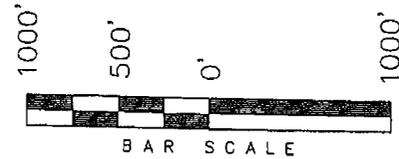
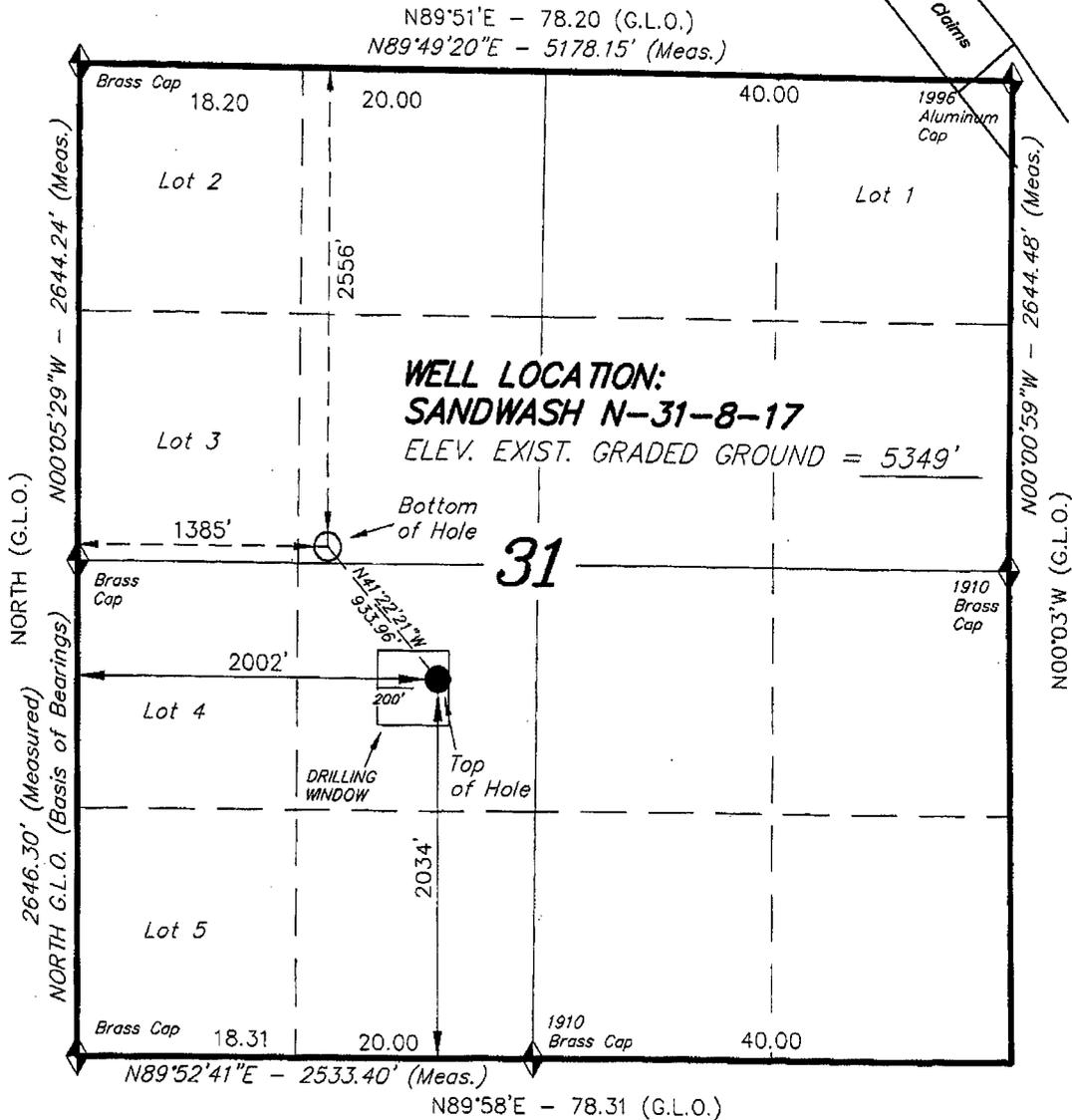
*(Instructions on reverse)

RECEIVED
JUL 25 2008
DIV. OF OIL, GAS & MINING

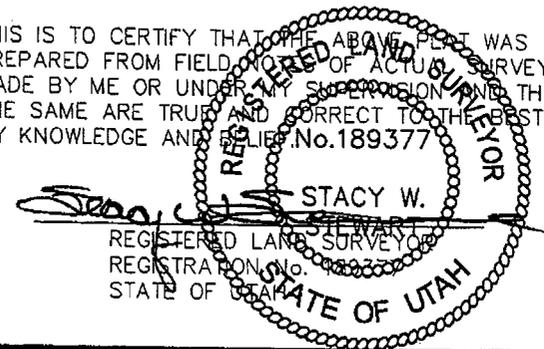
T8S, R17E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, SANDWASH N-31-8-17,
 LOCATED AS SHOWN IN THE NE 1/4 SW
 1/4 OF SECTION 31, T8S, R17E,
 S.L.B.&M. DUCHESNE 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 (MYTON SE)

SANDWASH N-31-8-17
 (Surface Location) NAD 83
 LATITUDE = 40° 04' 21.71"
 LONGITUDE = 110° 03' 04.28"

TRI STATE LAND SURVEYING & CONSULTING 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 05-13-08	SURVEYED BY: T.H.
DATE DRAWN: 05-19-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 31, 2008

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

Re: Sand Wash Federal N-31-8-17 Well, Surface Location 2034' FSL, 2002' FWL, NE SW,
Sec. 31, T. 8 South, R. 17 East, Bottom Location 2556' FNL, 1385' FWL, SE NW,
Sec. 31, T. 8 South, R. 17 East, Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-34032.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal Office

Operator: Newfield Production Company
Well Name & Number Sand Wash Federal N-31-8-17
API Number: 43-013-34032
Lease: UTU-74869

Surface Location: NE SW **Sec.** 31 **T.** 8 South **R.** 17 East
Bottom Location: SE NW **Sec.** 31 **T.** 8 South **R.** 17 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 Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

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

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

RECEIVED
VERNAL FIELD OFFICE

Form 3160-3
(September 2001)

009 JUL 17 09 1 '09

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-74869
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. Sand Wash Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Sand Wash Federal N-31-8-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43 013 34032
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/SW 2034' FSL 2002' FWL At proposed prod. zone 2556' FNL 1385' FWL SE NW		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 11.3 miles south of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 31, T8S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1385' f/lse, 1385' f/unit	16. No. of Acres in lease 1177.07	17. Spacing Unit dedicated to this well 20 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1211'	19. Proposed Depth 6320'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5349' GL	22. Approximate date work will start* 4th Quarter 2008	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 7/14/08
Title Regulatory Specialist		
Approved by (Signature) <i>Jerry Kevela</i>	Name (Printed/Typed) Jerry Kevela	Date JAN 16 2009
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. **CONDITIONS OF APPROVAL 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)

NOTICE OF APPROVAL

NOS 6/4/08

AFMSS# 08PP0896A

UDOGM

RECEIVED
JAN 27 2009

DIV. OF OIL, GAS & MINING

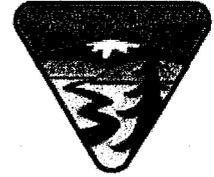


**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE**

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	Newfield Production Company	Location:	NESW, Sec. 31, T8S, R17E (S) SENW, Sec. 31, T8S, R17E (B)
Well No:	Sand Wash Federal N-31-8-17	Lease No:	UTU-74869
API No:	43-013-34032	Agreement:	Sand Wash 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:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
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:	Nathan Packer	(435) 781-3405	(435) 828-3545
NRS/Enviro Scientist:	David Gordon	(435) 781-4424	
NRS/Enviro Scientist:	Christine Cimiluca	(435) 781-4475	

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 Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental 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 Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	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)***

- 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.

SITE SPECIFIC COAs:

Refer to Environmental Assessment 2009-0016

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

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_Wellogs@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 ($\frac{1}{4}$ / $\frac{1}{4}$, 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.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74869
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: _____
	7. UNIT or CA AGREEMENT NAME: SAND WASH (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: SAND WASH FED N-31-8-17
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013340320000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2034 FSL 2002 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 31 Township: 08.0S Range: 17.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/31/2009	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

Newfield requests to extend the Permit to Drill this well for one year.

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

Date: June 30, 2009

By: 

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 6/29/2009	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013340320000

API: 43013340320000

Well Name: SAND WASH FED N-31-8-17

Location: 2034 FSL 2002 FWL QTR NESW SEC 31 TWP 080S RNG 170E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 7/31/2008

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 rightof- 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

Approved by the Utah Division of Oil, Gas and Mining

Signature: Mandie Crozier

Date: 6/29/2009

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY

Date: June 30, 2009

By: [Signature]

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Reserv.,
 Other: _____

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

3. Address
1401 17TH ST. SUITE 1000 DENVER, CO 80202

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface 2034' FSL & 2002' FWL (NE/SW) SEC. 31, T8S, R17E (UTU-74869)

per HSM
review

At top prod. interval reported below 2623' FSL & 1480' FWL (NE/SW) SEC. 31, T8S, R17E (UTU-74869)

At total depth ²³⁷⁶ 2365' FNL & 1235' FWL (SW/NW) SEC. 31, T8S, R17E (UTU-74869)

14. Date Spudded
01/22/2010

15. Date T.D. Reached
02/05/2010

16. Date Completed 02/23/2010
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5349' GL 5361' KB

18. Total Depth: MD 6410'
TVD 6287'

19. Plug Back T.D.: MD 6312'
TVD 6189

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit report)
 Directional Survey? No Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	321'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6400'		278 PRIMLITE		60'	
						449 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 6191'	TA @ 6092'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River			(CP2 & CP4) 5963-6131'	.36"	3	27
B) Green River			(A3 & LODC) 5482-5598'	.36"	3	42
C) Green River			(B1) 5285-5295'	.36"	3	30
D) Green River			(GB4 & GB6) 4481-4556'	.36"	3	30

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
5963-6131'	Frac w/ 50246#'s 20/40 sand in 225 bbls of Lightning 17 fluid. (CP2 & CP4)
5482-5598'	Frac w/ 140925#'s 20/40 sand in 592 bbls of Lightning 17 fluid. (A3 & LODC)
5285-5295'	Frac w/ 35290#'s 20/40 sand in 397 bbls of Lightning 17 fluid. (B1)
4481-4556'	Frac w/ 92582#'s 20/40 sand in 396 bbls of Lightning 17 fluid. (GB4 & GB6)

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
2-23-10	3-16-10	24	→	25	0	48			2-1/2" x 1-3/4" x 17' x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3953' 4161'
				GARDEN GULCH 2 POINT 3	4281' 4560'
				X MRKR Y MRKR	4803' 4839'
				DOUGALS CREEK MRK BI CARBONATE MRK	4969' 5215'
				B LIMESTON MRK CASTLE PEAK	5342' 5852'
				BASAL CARBONATE	6294'

32. Additional remarks (include plugging procedure):

DATE RECEIVED

APR 05 2010

DATE RECEIVED

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (I full set req'd.)
 Geologic Report
 DST Report
 Directional Survey
 Sundry Notice for plugging and cement verification
 Core Analysis
 Other: Drilling Daily Activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Lucy Chavez-Naupoto

Title Administrative Assistant

Signature 

Date 03/31/2010

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.

NEWFIELD



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 31 T8S R17E
N-31-8-17**

Wellbore #1

Survey: Survey #1

Standard Survey Report

05 February, 2010

EX-101

APR 05 2010

EX-101

Survey Report

Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 31 T8S R17E
 Well: N-31-8-17
 Wellbore: Wellbore #1
 Design: Wellbore #1

Local Co-ordinate Reference: Well N-31-8-17
 TVD Reference: WELL @ 5361.0ft (NEWFIELD RIG)
 MD Reference: WELL @ 5361.0ft (NEWFIELD RIG)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.21 Single User Db

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		Using geodetic scale factor

Site	SECTION 31 T8S R17E, SEC 31 T8S R17E				
Site Position:		Northing:	7,199,169.00ft	Latitude:	40° 4' 28.063 N
From:	Lat/Long	Easting:	2,048,214.00ft	Longitude:	110° 2' 33.522 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.93 °

Well	N-31-8-17, SHL: LAT 40 04 21.71, LONG -110 03 04.28					
Well Position	+N/-S	0.0 ft	Northing:	7,198,487.44 ft	Latitude:	40° 4' 21.710 N
	+E/-W	0.0 ft	Easting:	2,045,833.90 ft	Longitude:	110° 3' 4.280 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	5,361.0 ft	Ground Level:	5,349.0 ft

Wellbore	Wellbore #1					
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)	
	IGRF200510	12/31/2009	11.48	65.87	52,464	

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.0	0.0	0.0	318.63	

Survey Program	Date 2/5/2010				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
413.0	6,410.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
413.0	1.38	240.17	413.0	-2.5	-4.3	1.0	0.33	0.33	0.00
474.0	1.38	250.65	473.9	-3.1	-5.6	1.4	0.41	0.00	17.18
505.0	1.91	262.87	504.9	-3.3	-6.5	1.8	2.04	1.71	39.42
535.0	2.11	276.98	534.9	-3.3	-7.6	2.5	1.77	0.67	47.03
566.0	2.50	284.01	565.9	-3.0	-8.8	3.5	1.55	1.26	22.68
597.0	2.61	285.96	596.9	-2.7	-10.1	4.7	0.45	0.35	6.29
627.0	2.75	286.42	626.8	-2.3	-11.5	5.9	0.47	0.47	1.53
658.0	3.43	284.05	657.8	-1.8	-13.1	7.3	2.23	2.19	-7.65
689.0	3.68	288.32	688.7	-1.3	-14.9	8.9	1.17	0.81	13.77
719.0	4.06	294.91	718.6	-0.6	-16.8	10.7	1.95	1.27	21.97
750.0	4.55	298.57	749.6	0.5	-18.9	12.8	1.81	1.58	11.81
781.0	4.64	306.97	780.5	1.8	-20.9	15.2	2.19	0.29	27.10



HATHAWAYBURNHAM

Survey Report

Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 31 T8S R17E
Well: N-31-8-17
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well N-31-8-17
TVD Reference: WELL @ 5361.0ft (NEWFIELD RIG)
MD Reference: WELL @ 5361.0ft (NEWFIELD RIG)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
812.0	4.75	318.55	811.4	3.5	-22.8	17.7	3.07	0.35	37.35
857.0	5.38	326.92	856.2	6.7	-25.2	21.7	2.15	1.40	18.60
902.0	5.69	329.97	901.0	10.4	-27.5	26.0	0.95	0.69	6.78
947.0	6.22	323.91	945.7	14.3	-30.0	30.6	1.83	1.18	-13.47
993.0	6.39	319.91	991.5	18.3	-33.1	35.6	1.02	0.37	-8.70
1,038.0	7.12	321.67	1,036.1	22.4	-36.5	40.9	1.69	1.62	3.91
1,083.0	7.62	322.74	1,080.8	27.0	-40.0	46.7	1.15	1.11	2.38
1,129.0	7.82	322.15	1,126.4	31.8	-43.8	52.8	0.47	0.43	-1.28
1,174.0	8.26	324.15	1,170.9	36.9	-47.5	59.1	1.16	0.98	4.44
1,219.0	8.33	323.54	1,215.4	42.1	-51.4	65.6	0.25	0.16	-1.36
1,265.0	9.16	323.32	1,260.9	47.7	-55.5	72.5	1.81	1.80	-0.48
1,310.0	9.60	324.74	1,305.3	53.7	-59.8	79.8	1.10	0.98	3.16
1,355.0	9.69	325.71	1,349.7	59.9	-64.1	87.3	0.41	0.20	2.16
1,401.0	10.35	324.28	1,395.0	66.4	-68.7	95.3	1.53	1.43	-3.11
1,446.0	10.81	323.73	1,439.2	73.1	-73.6	103.5	1.05	1.02	-1.22
1,491.0	11.31	322.70	1,483.4	80.0	-78.8	112.1	1.19	1.11	-2.29
1,537.0	11.65	322.74	1,528.4	87.3	-84.3	121.2	0.74	0.74	0.09
1,582.0	12.08	322.52	1,572.5	94.7	-89.9	130.5	0.96	0.96	-0.49
1,673.0	12.57	321.91	1,661.4	110.0	-101.8	149.9	0.56	0.54	-0.67
1,718.0	12.63	321.34	1,705.3	117.7	-107.9	159.7	0.31	0.13	-1.27
1,808.0	12.60	320.60	1,793.1	133.0	-120.3	179.3	0.18	-0.03	-0.82
1,899.0	12.20	317.50	1,882.0	147.7	-133.1	198.8	0.85	-0.44	-3.41
1,990.0	12.15	316.22	1,971.0	161.7	-146.2	218.0	0.30	-0.05	-1.41
2,080.0	12.33	316.90	2,058.9	175.6	-159.3	237.1	0.26	0.20	0.76
2,171.0	12.30	318.31	2,147.8	189.9	-172.4	256.5	0.33	-0.03	1.55
2,261.0	12.61	317.56	2,235.7	204.3	-185.4	275.9	0.39	0.34	-0.83
2,352.0	13.01	316.11	2,324.4	219.0	-199.2	296.1	0.56	0.44	-1.59
2,443.0	12.79	317.73	2,413.1	233.9	-213.1	316.4	0.47	-0.24	1.78
2,533.0	13.05	319.87	2,500.9	249.0	-226.4	336.5	0.61	0.29	2.38
2,624.0	13.56	319.93	2,589.4	265.0	-239.8	357.4	0.56	0.56	0.07
2,714.0	13.38	317.30	2,676.9	280.8	-253.7	378.4	0.71	-0.20	-2.92
2,805.0	11.69	318.11	2,765.8	295.4	-267.0	398.1	1.87	-1.86	0.89
2,895.0	11.12	315.43	2,854.0	308.3	-279.2	415.9	0.86	-0.63	-2.98
2,986.0	12.26	317.80	2,943.1	321.8	-291.8	434.3	1.36	1.25	2.60
3,077.0	13.07	325.01	3,031.9	337.3	-304.2	454.2	1.95	0.89	7.92
3,167.0	13.73	324.44	3,119.4	354.4	-316.3	475.0	0.75	0.73	-0.63
3,258.0	14.28	322.63	3,207.7	372.1	-329.4	496.9	0.77	0.60	-1.99
3,348.0	12.61	317.03	3,295.3	388.1	-342.8	517.8	2.35	-1.86	-6.22
3,439.0	13.34	317.54	3,384.0	403.1	-356.6	538.2	0.81	0.80	0.56
3,530.0	13.10	316.90	3,472.5	418.4	-370.8	559.0	0.31	-0.26	-0.70
3,620.0	13.29	317.21	3,560.2	433.4	-384.8	579.6	0.23	0.21	0.34
3,711.0	13.38	320.94	3,648.7	449.3	-398.5	600.5	0.95	0.10	4.10
3,801.0	13.84	320.77	3,736.2	465.7	-411.9	621.7	0.51	0.51	-0.19
3,892.0	13.10	317.60	3,824.7	481.7	-425.7	642.9	1.15	-0.81	-3.48
3,983.0	12.10	312.70	3,913.5	495.8	-439.7	662.7	1.61	-1.10	-5.38
4,073.0	12.34	315.59	4,001.5	509.1	-453.4	681.7	0.73	0.27	3.21
4,164.0	13.34	318.55	4,090.2	523.9	-467.1	701.9	1.31	1.10	3.25
4,254.0	13.97	320.81	4,177.6	540.1	-480.8	723.1	0.92	0.70	2.51
4,345.0	13.84	319.58	4,266.0	556.9	-494.8	745.0	0.35	-0.14	-1.35
4,435.0	13.65	319.54	4,353.4	573.2	-508.7	766.4	0.21	-0.21	-0.04
4,526.0	13.10	319.51	4,441.9	589.2	-522.4	787.4	0.60	-0.60	-0.03
4,617.0	12.48	319.87	4,530.7	604.6	-535.4	807.6	0.69	-0.68	0.40
4,707.0	12.13	319.47	4,618.6	619.2	-547.8	826.7	0.40	-0.39	-0.44
4,798.0	12.11	321.14	4,707.6	633.9	-560.0	845.8	0.39	-0.02	1.84

APR 05 2010



HATHAWAYBURNHAM

Survey Report

Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 31 T8S R17E
Well: N-31-8-17
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well N-31-8-17
TVD Reference: WELL @ 5361.0ft (NEWFIELD RIG)
MD Reference: WELL @ 5361.0ft (NEWFIELD RIG)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,888.0	12.17	323.27	4,795.6	648.8	-571.6	864.7	0.50	0.07	2.37
4,979.0	11.98	320.61	4,884.5	663.8	-583.4	883.7	0.65	-0.21	-2.92
5,069.0	12.38	322.70	4,972.5	678.7	-595.1	902.7	0.66	0.44	2.32
5,160.0	11.82	320.99	5,061.5	693.7	-606.9	921.7	0.73	-0.62	-1.88
5,251.0	11.49	318.26	5,150.6	707.7	-618.8	940.1	0.71	-0.36	-3.00
5,341.0	11.49	322.09	5,238.8	721.5	-630.3	958.0	0.85	0.00	4.26
5,432.0	11.60	321.07	5,328.0	735.7	-641.6	976.2	0.25	0.12	-1.12
5,522.0	12.15	323.16	5,416.1	750.4	-653.0	994.7	0.78	0.61	2.32
5,613.0	13.47	325.32	5,504.8	766.7	-664.7	1,014.7	1.54	1.45	2.37
5,704.0	13.10	321.50	5,593.4	783.5	-677.2	1,035.6	1.05	-0.41	-4.20
5,794.0	10.90	319.54	5,681.4	798.0	-689.1	1,054.3	2.49	-2.44	-2.18
5,885.0	10.60	318.20	5,770.8	810.8	-700.2	1,071.2	0.43	-0.33	-1.47
5,975.0	11.87	321.01	5,859.1	824.1	-711.6	1,088.8	1.54	1.41	3.12
6,066.0	12.33	317.56	5,948.0	838.6	-724.0	1,107.8	0.94	0.51	-3.79
6,157.0	10.92	317.19	6,037.2	852.1	-736.4	1,126.2	1.55	-1.55	-0.41
6,247.0	10.48	314.00	6,125.6	864.0	-748.1	1,142.8	0.82	-0.49	-3.54
6,338.0	8.64	310.56	6,215.3	874.2	-759.3	1,157.9	2.12	-2.02	-3.78
6,360.0	8.33	310.97	6,237.1	876.3	-761.7	1,161.1	1.44	-1.41	1.86
6,410.0	8.33	310.97	6,286.6	881.1	-767.2	1,168.3	0.00	0.00	0.00

Checked By: _____ Approved By: _____ Date: _____

RECORDED

APR 05 2010

12:00 PM



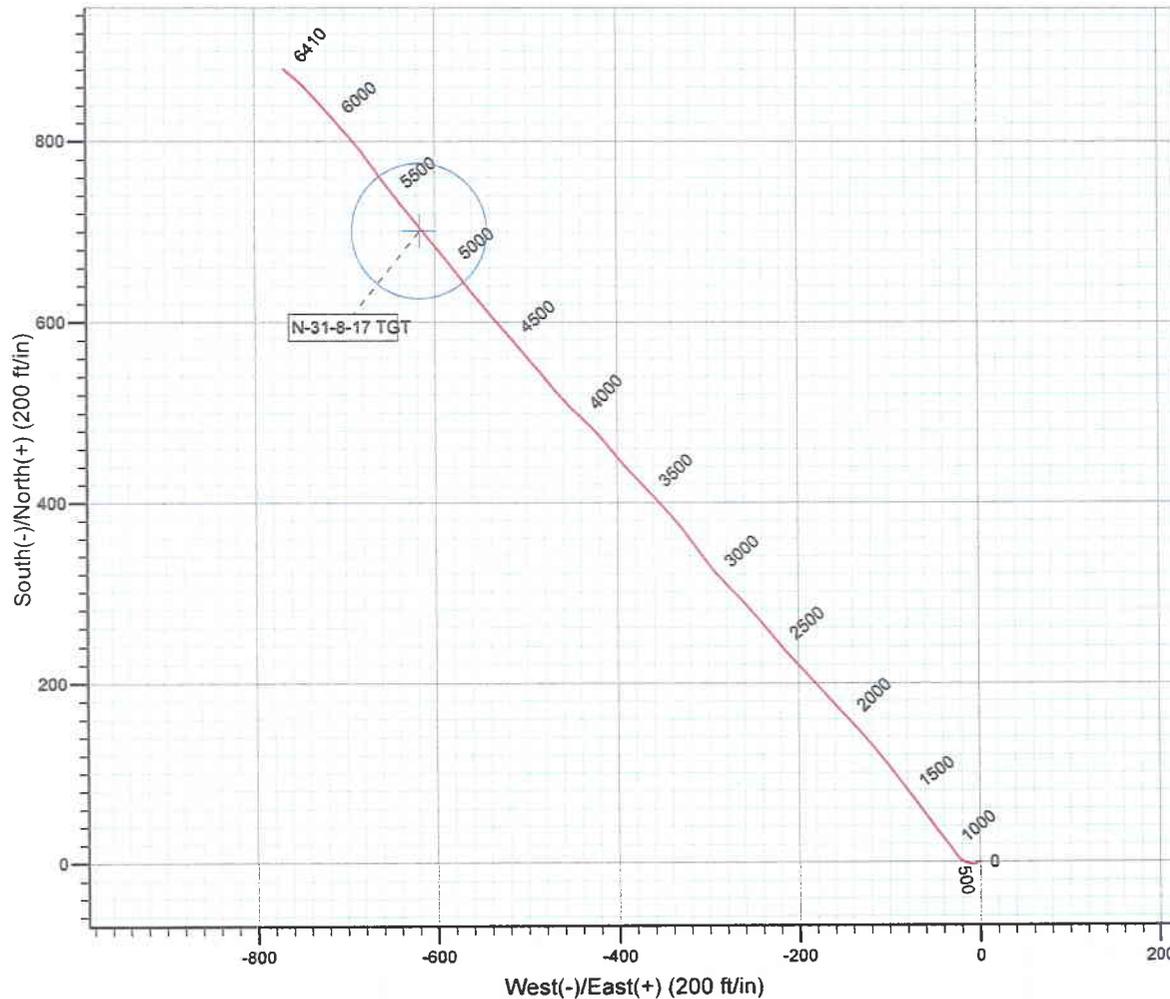
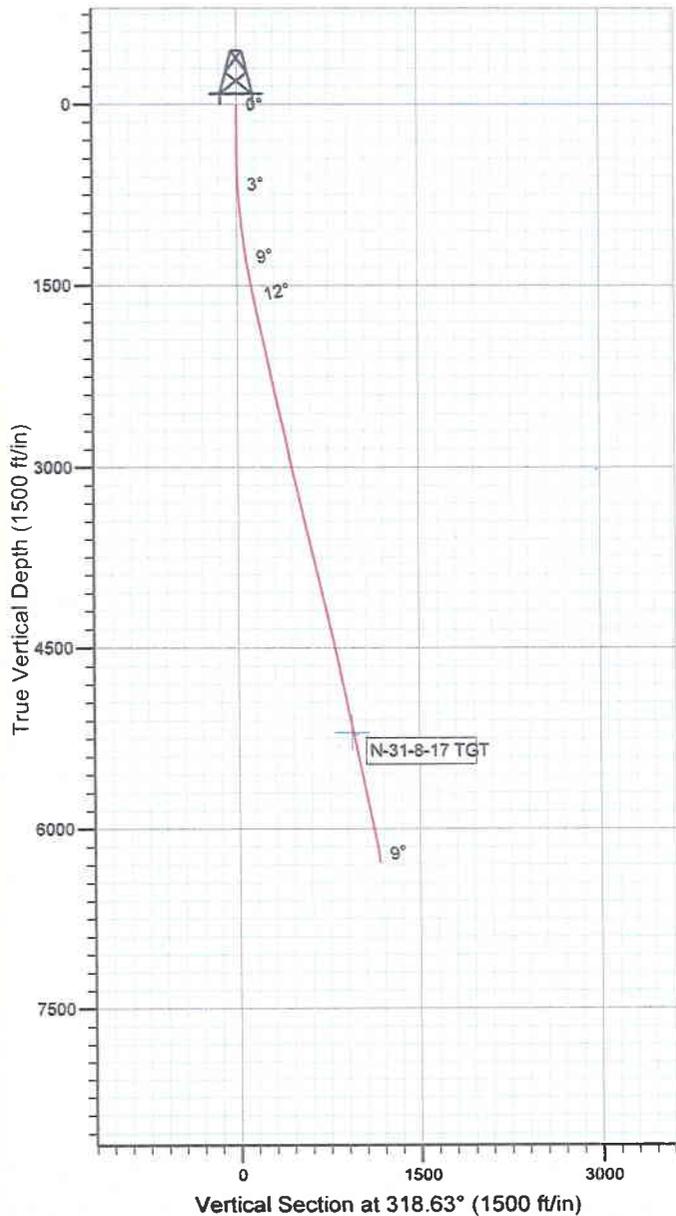
Project: USGS Myton SW (UT)
 Site: SECTION 31 T8S R17E
 Well: N-31-8-17
 Wellbore: Wellbore #1
 SURVEY: Wellbore #1

FINAL SURVEY REPORT



Azimuths to True North
 Magnetic North: 11.48°

Magnetic Field
 Strength: 52463.7snT
 Dip Angle: 65.87°
 Date: 12/31/2009
 Model: IGRF200510



RECEIVED

APR 05 2010

DIV. OF OIL, GAS & MINING

Survey: Survey #1 (N-31-8-17/Wellbore #1)

Created By: *Tom Hudson* Date: 6:17, February 05 2010
 THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE
 AND IS SUPPORTED BY ACTUAL FIELD DATA.

Daily Activity Report

Format For Sundry
SANDWASH N-31-8-17
12/1/2009 To 4/28/2010

SANDWASH N-31-8-17**Waiting on Cement****Date:** 1/25/2010

Ross #21 at 320. Days Since Spud - Ross Rig # 21 Spud the Sand Wash Fed. N-31-8-17 on 1/22/10 @ 10:00AM Drilled 320' of 12 1/4" hole - Flake Mixed @ 15.8ppg W/ 1.17 yield. Returned 7bbls to pit. - On 1/26/10 Cemented 8 5/8" casing with G+2%Calcium Chloride + .25#/sk Cello - Run 7jts 8 5/8" surface casing (Guide Shoe, Shoe Jt., Baffle plate, 6jts) Set @ 320.64

Daily Cost: \$0**Cumulative Cost:** \$44,390**SANDWASH N-31-8-17****Rig Repair****Date:** 1/31/2010

Ross #21 at 320. 0 Days Since Spud - We tested the Hydrill it would not test the bag blew up - Nipple hydrill down - valves on choke table to 2000' psi for 10 min' & tested both chokes they held res) - Test bops w/ B&C Quick test (Test pipe rams & Blind rams & Top drive & Floor valves & inside & outs - Nipple up Bops - Move the rig to the Sand Wash Federal N-31-8-17 on 1/30/10 - Wait on new hydrill

Daily Cost: \$0**Cumulative Cost:** \$76,111**SANDWASH N-31-8-17****Drill 7 7/8" hole with fresh water****Date:** 2/1/2010

Capstar #328 at 1043. 1 Days Since Spud - Nipple up Annular & try to test, would'nt test, plug it use it as spacer spool - try to test casing to 1500# , it would not test - Pick up packer and set it @ 260' - Test casing to 1500# for 30 min and lay down packer - Pick up BHA and scribe directional tools, cut 100' of drill line - Drill 7 7/8" hole with fresh water w/ 12K WOB, 188 RPM , 410 GPM - No H2S or flow in last 24 hours - Wait on new annular

Daily Cost: \$0**Cumulative Cost:** \$93,439**SANDWASH N-31-8-17****Drill 7 7/8" hole with fresh water****Date:** 2/2/2010

Capstar #328 at 3353. 2 Days Since Spud - No H2S or flow in the last 24 hours - Drill 7 7/8" hole from 1043-1723' with 15 K WOB, 188 TRPM, 408 GPM 150 ft/hr Avg ROP - Troubleshoot MWD, tool would not sink up - Trip out of the hole for the directional tools - Lay down directional tool, Battery was shot, put new battery in put back together, change Antenna sub - Trip in the hole to 423' - Test MWD tool, everything working good - Trip in the hole, wash down last 90 feet - Drill 7 7/8" hole from 1723' to 3353' w/ 15k-18k WOB, 188 TRPM, 408 GPM, Avg ROP 193.3 ft/hour

Daily Cost: \$0**Cumulative Cost:** \$121,232

APR 05 2010

SANDWASH N-31-8-17**Drill 7 7/8" hole with fresh water****Date:** 2/3/2010

Capstar #328 at 5301. 3 Days Since Spud - Drill 7 7/8" hole from 3353-4304 w/16k WOB, RPM 194, GPM 408, Avg ROP 100 ft/hr - Rig service, function test BOP and crownomatic - Drill

7 7/8" hole from 4304-4322' w/ 16 K WOB,RPM 194, GPM 408, Avg ROP 100 ft/hr - Prime up yellow dog - Drill 7 7/8" hole from 4322-5301' w/ 18K WOB, RPM 194, GPM 408, Avg ROP 84 ft/hr - No H2S or flow in last 24 hours

Daily Cost: \$0

Cumulative Cost: \$169,890

SANDWASH N-31-8-17

Logging

Date: 2/4/2010

Capstar #328 at 6410. 4 Days Since Spud - Pump 60+Visc. Gel sweep circulate hole clean, check flow=No flow, pump 9.5 ppg pill 20bbl - Lay down drill pipe,BHA and directional tools, check flow no Flow - RU Pheonix Survey(PSI) and run Triple Combo(density porosity,resistivity, gamma ray,) - No H2S Reported last 24 hours - Rig Service , check crownomatic and BOP, - Drill 7 7/8" hole from 5890'-6410' TD w/ 21K WOB, 194 TRPM, 408 GPM, Avg ROP 72 ft/ hr, - Drill 7 7/8" hole from 5301'-5890' w/ 20K WOB,194 TRPM, 408 GPM , Avg Rop84 ft/hr **Finalized**

Daily Cost: \$0

Cumulative Cost: \$193,815

SANDWASH N-31-8-17

Wait on Completion

Date: 2/5/2010

Capstar #328 at 6410. 5 Days Since Spud - Rig up BJ, test lines to 3800#,Pump 10 bbls dye,20bbls mud clean, 20 bbls fresh, 278 sks (175 bbls) - Circulate bottoms up - transfer 2 jts. To the Sandwash R-31-8-17. wash 3 jts down - Run 172 jts of 5.5 J-55,15.5# LTC shoe @ 6400.15' float collar @ 6361.47', top of short jt@6331.57' - Change pipe rams to 5 1/2", RU B&C Quicktest and test ram to 2000# for 10 minutes - Log w/ Psi triple combo(density porosity,resistivity,gamma ray,from LoggerTD6407' to surface,rigdown - No H2S reported in last 24 hours - Rig Released @00:30 AM on2-5-10 - Clean mud tanks - Nipple down and set 5 1/2" casing slips w/90,000 # tension - BLM and State were Notified via email on TD,Casing run and Cement - .5%EC-1+static free) Displaced w/ 151.4 bbls,30 bbls back to pit,1800 # to bump plug - of lead @ 11ppg & 3.53yield (PL II+.5%SM+10%gel+5#/sk CSE-2+5#/sk KS+3%kcl+1/2#/sk C.F) - Pumped tail 449sks (99bbls) @ 14.4ppg & 1.24 yield (50/50Poz+3%kcl=1/4#/sk CF+2%gel+.3%SM+ **Finalized**

Daily Cost: \$0

Cumulative Cost: \$307,788

Pertinent Files: Go to File List

RECEIVED

APR 05 2010

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