

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-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 M-31-8-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43013-34031
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/NW 1802' FNL 1827' FWL At proposed prod. zone 2805' FSL 2670' FEL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 14.0 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. 2610' f/lse, 2610' 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. 1475'	19. Proposed Depth 6300'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5316' 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	Date 7/14/08
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 07-31-08
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)

Set f

580912X
44364964
40.076743
-110.051074

BHL

581125X
44362884
40.074843
-110.048603

Federal Approval of this
Action Is Necessary

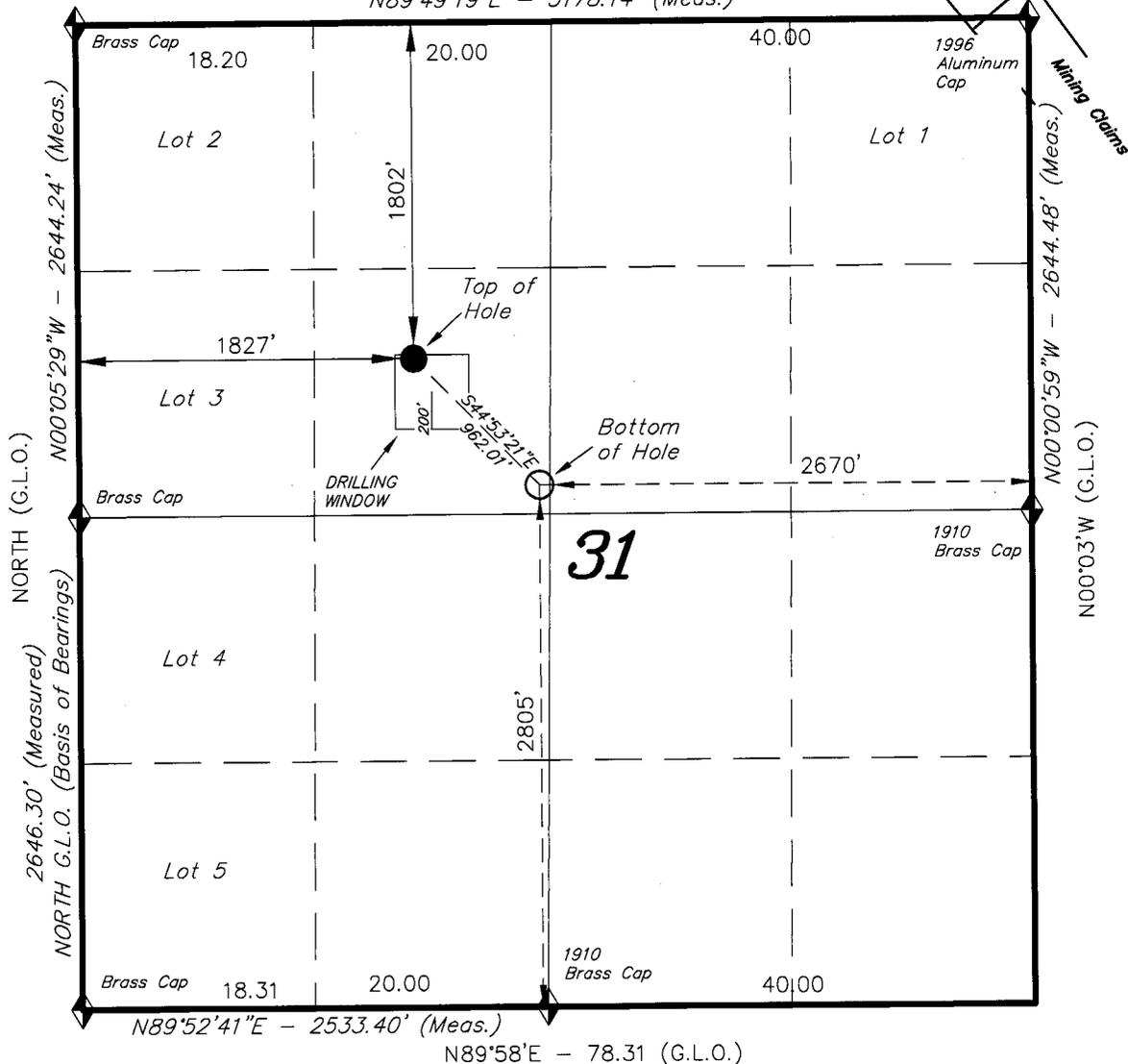
RECEIVED

JUL 17 2008

DIV. OF OIL, GAS & MINING

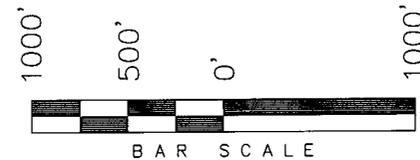
T8S, R17E, S.L.B.&M.

N89°51'E - 78.20 (G.L.O.)
 N89°49'19"E - 5178.14' (Meas.)



NEWFIELD PRODUCTION COMPANY

WELL LOCATION, SANDWASH M-31-8-17,
 LOCATED AS SHOWN IN THE SE 1/4 NW
 1/4 OF SECTION 31, T8S, R17E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.

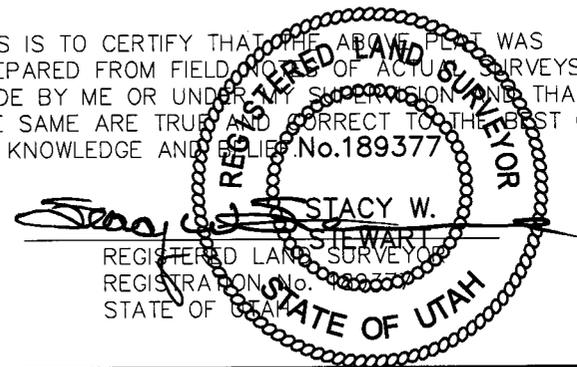


WELL LOCATION:

SANDWASH M-31-8-17

ELEV. EXIST. GRADED GROUND = 5316'

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
 PREPARED FROM FIELD AND OFFICE 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



TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 05-05-08	SURVEYED BY: T.H.
DATE DRAWN: 05-15-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

SANDWASH M-31-8-17
 (Surface Location) NAD 83
 LATITUDE = 40° 04' 36.08"
 LONGITUDE = 110° 03' 06.55"

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
 U.S.G.S. 7-1/2 min QUAD (MYTON SE)

NEWFIELD PRODUCTION COMPANY
SAND WASH FEDERAL M-31-8-17
AT SURFACE: SE/NW 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' – 1608'
Green River	1608'
Wasatch	6300'
3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:
Green River Formation 1608' – 6300' - 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 M-31-8-17
AT SURFACE: SE/NW 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 M-31-8-17 located in the SE 1/4 NW 1/4 Section 31, T8S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly - 8.8 miles \pm to it's junction with an existing dirt road to the southwest; proceed southwesterly - 3.0 miles \pm to it's junction with an existing road to the northeast; proceed northeasterly - 0.8 miles \pm to it's junction with the beginning of the access road to the existing Tar Sands Federal 6-31-8-17 well location.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Tar Sands Federal 6-31-8-17 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 Tar Sands Federal 6-31-8-17 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Sand Wash Federal M-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 M-31-8-17 will be drilled off of the existing Tar Sands Federal 6-31-8-17 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 M-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

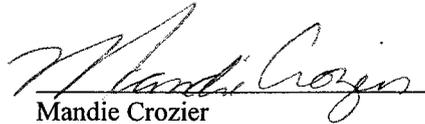
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #M-31-8-17 SE/NW 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



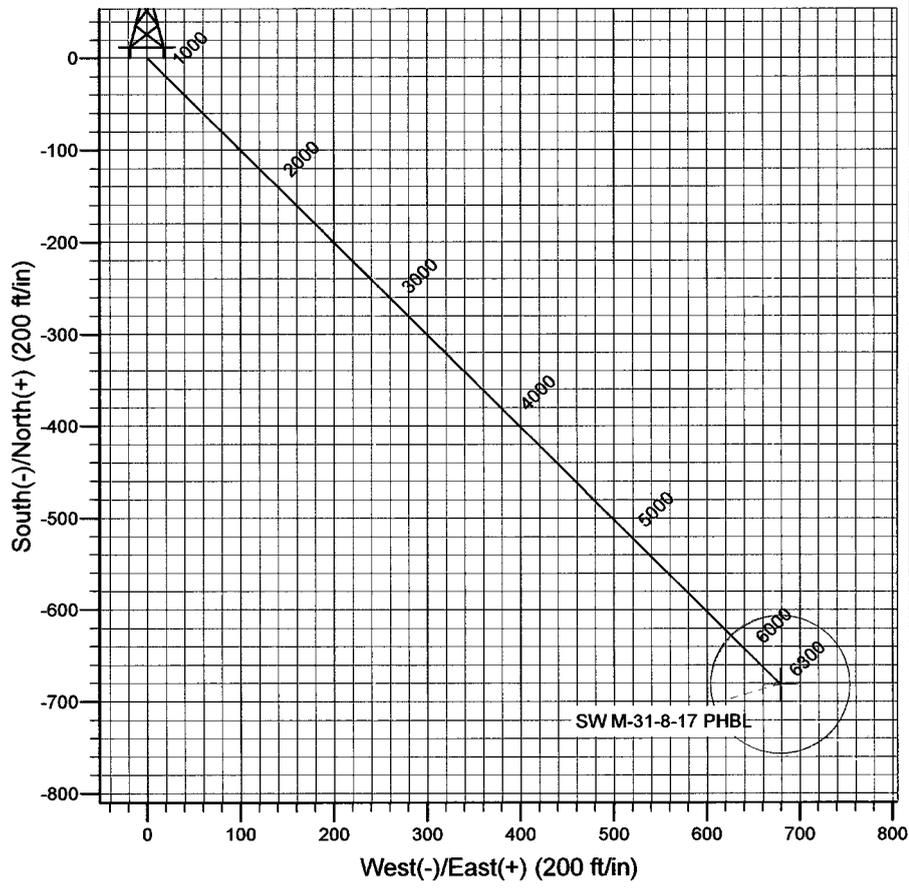
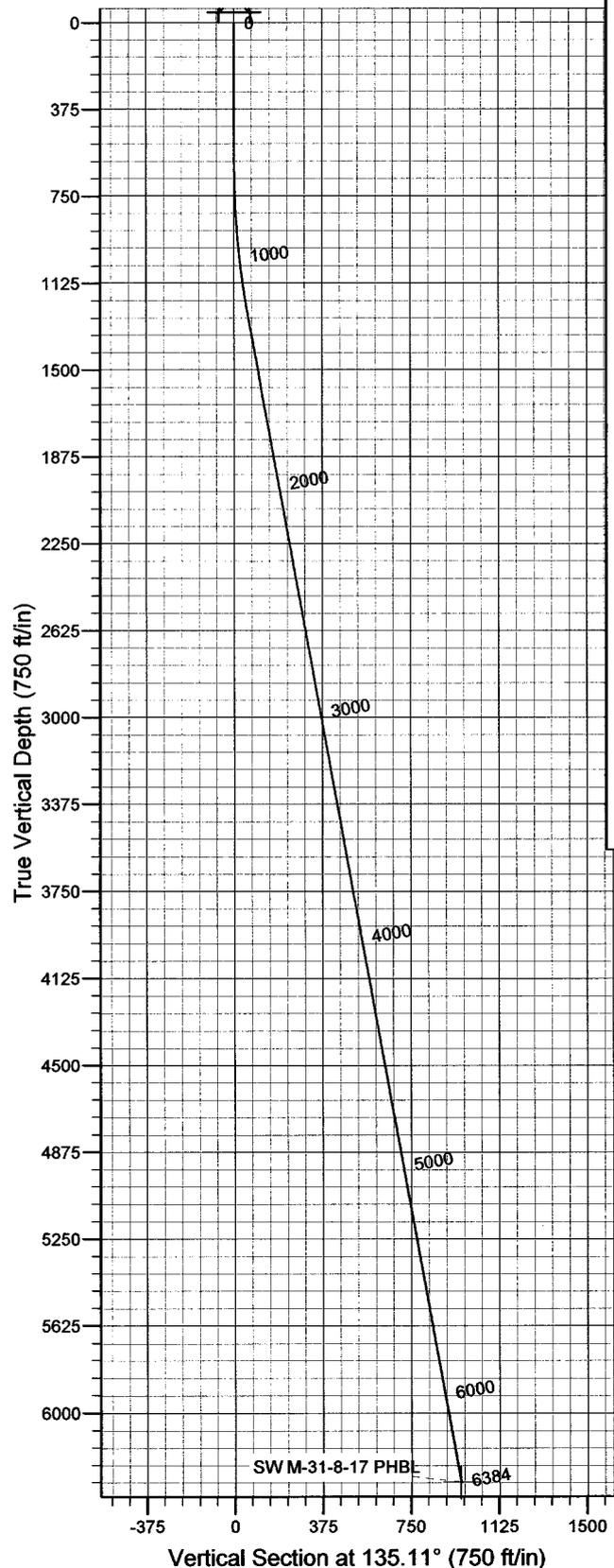
Mandie Crozier
Regulatory Specialist
Newfield Production Company



Azimuths to True North
 Magnetic North: 11.68°
 Magnetic Field
 Strength: 52609.6snT
 Dip Angle: 65.90°
 Date: 2008-06-25
 Model: IGRF2005-10

WELL DETAILS: Sandwash M-31-8-17

		GL 5316' & RKB 12' @ 5328.00ft		5316.00	
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	7199952.80	2045638.02	40° 4' 36.080 N	110° 3' 6.550 W



Plan: Plan #1 (Sandwash M-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	
1278.35	10.18	135.11	1274.79	-42.56	42.40	1.50	135.11	60.08	
6383.86	10.18	135.11	6300.00	-681.55	678.94	0.00	0.00	962.01	SW M-31-8-17 PHBL

Newfield Exploration Co.

Duchesne County, UT NAD83 UTC

Sand Wash

Sandwash M-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: Sand Wash
Well: Sandwash M-31-8-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Sandwash M-31-8-17
TVD Reference: GL 5316' & RKB 12' @ 5328.00ft
MD Reference: GL 5316' & RKB 12' @ 5328.00ft
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	Sand Wash,				
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 M-31-8-17, 1802' FNL 1827' FWL Sec 31 T8S R17E					
Well Position	+N/-S	0.00 ft	Northing:	7,199,952.80 ft	Latitude:	40° 4' 36.080 N
	+E/-W	0.00 ft	Easting:	2,045,638.02 ft	Longitude:	110° 3' 6.550 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,316.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2008-06-25	11.68	65.91	52,610

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	135.11	

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	
1,278.35	10.18	135.11	1,274.79	-42.56	42.40	1.50	1.50	0.00	135.11	
6,383.86	10.18	135.11	6,300.00	-681.55	678.94	0.00	0.00	0.00	0.00	SW M-31-8-17 PHBL

Scientific Drilling

Planning Report

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

Local Co-ordinate Reference: Well Sandwash M-31-8-17
TVD Reference: GL 5316' & RKB 12' @ 5328.00ft
MD Reference: GL 5316' & RKB 12' @ 5328.00ft
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	135.11	699.99	-0.93	0.92	1.31	1.50	1.50	0.00
800.00	3.00	135.11	799.91	-3.71	3.69	5.23	1.50	1.50	0.00
900.00	4.50	135.11	899.69	-8.34	8.31	11.77	1.50	1.50	0.00
1,000.00	6.00	135.11	999.27	-14.82	14.77	20.92	1.50	1.50	0.00
1,100.00	7.50	135.11	1,098.57	-23.15	23.06	32.68	1.50	1.50	0.00
1,200.00	9.00	135.11	1,197.54	-33.32	33.19	47.03	1.50	1.50	0.00
1,278.35	10.18	135.11	1,274.79	-42.56	42.40	60.08	1.50	1.50	0.00
1,300.00	10.18	135.11	1,296.10	-45.27	45.10	63.90	0.00	0.00	0.00
1,400.00	10.18	135.11	1,394.53	-57.79	57.57	81.57	0.00	0.00	0.00
1,500.00	10.18	135.11	1,492.95	-70.30	70.03	99.23	0.00	0.00	0.00
1,600.00	10.18	135.11	1,591.38	-82.82	82.50	116.90	0.00	0.00	0.00
1,700.00	10.18	135.11	1,689.81	-95.33	94.97	134.56	0.00	0.00	0.00
1,800.00	10.18	135.11	1,788.24	-107.85	107.44	152.23	0.00	0.00	0.00
1,900.00	10.18	135.11	1,886.66	-120.37	119.90	169.90	0.00	0.00	0.00
2,000.00	10.18	135.11	1,985.09	-132.88	132.37	187.56	0.00	0.00	0.00
2,100.00	10.18	135.11	2,083.52	-145.40	144.84	205.23	0.00	0.00	0.00
2,200.00	10.18	135.11	2,181.94	-157.91	157.31	222.89	0.00	0.00	0.00
2,300.00	10.18	135.11	2,280.37	-170.43	169.77	240.56	0.00	0.00	0.00
2,400.00	10.18	135.11	2,378.80	-182.94	182.24	258.23	0.00	0.00	0.00
2,500.00	10.18	135.11	2,477.23	-195.46	194.71	275.89	0.00	0.00	0.00
2,600.00	10.18	135.11	2,575.65	-207.97	207.18	293.56	0.00	0.00	0.00
2,700.00	10.18	135.11	2,674.08	-220.49	219.65	311.22	0.00	0.00	0.00
2,800.00	10.18	135.11	2,772.51	-233.01	232.11	328.89	0.00	0.00	0.00
2,900.00	10.18	135.11	2,870.93	-245.52	244.58	346.56	0.00	0.00	0.00
3,000.00	10.18	135.11	2,969.36	-258.04	257.05	364.22	0.00	0.00	0.00
3,100.00	10.18	135.11	3,067.79	-270.55	269.52	381.89	0.00	0.00	0.00
3,200.00	10.18	135.11	3,166.22	-283.07	281.98	399.55	0.00	0.00	0.00
3,300.00	10.18	135.11	3,264.64	-295.58	294.45	417.22	0.00	0.00	0.00
3,400.00	10.18	135.11	3,363.07	-308.10	306.92	434.88	0.00	0.00	0.00
3,500.00	10.18	135.11	3,461.50	-320.62	319.39	452.55	0.00	0.00	0.00
3,600.00	10.18	135.11	3,559.93	-333.13	331.85	470.22	0.00	0.00	0.00
3,700.00	10.18	135.11	3,658.35	-345.65	344.32	487.88	0.00	0.00	0.00
3,800.00	10.18	135.11	3,756.78	-358.16	356.79	505.55	0.00	0.00	0.00
3,900.00	10.18	135.11	3,855.21	-370.68	369.26	523.21	0.00	0.00	0.00
4,000.00	10.18	135.11	3,953.63	-383.19	381.73	540.88	0.00	0.00	0.00
4,100.00	10.18	135.11	4,052.06	-395.71	394.19	558.55	0.00	0.00	0.00
4,200.00	10.18	135.11	4,150.49	-408.22	406.66	576.21	0.00	0.00	0.00
4,300.00	10.18	135.11	4,248.92	-420.74	419.13	593.88	0.00	0.00	0.00
4,400.00	10.18	135.11	4,347.34	-433.26	431.60	611.54	0.00	0.00	0.00
4,500.00	10.18	135.11	4,445.77	-445.77	444.06	629.21	0.00	0.00	0.00
4,600.00	10.18	135.11	4,544.20	-458.29	456.53	646.88	0.00	0.00	0.00
4,700.00	10.18	135.11	4,642.62	-470.80	469.00	664.54	0.00	0.00	0.00
4,800.00	10.18	135.11	4,741.05	-483.32	481.47	682.21	0.00	0.00	0.00
4,900.00	10.18	135.11	4,839.48	-495.83	493.93	699.87	0.00	0.00	0.00
5,000.00	10.18	135.11	4,937.91	-508.35	506.40	717.54	0.00	0.00	0.00
5,100.00	10.18	135.11	5,036.33	-520.87	518.87	735.20	0.00	0.00	0.00
5,200.00	10.18	135.11	5,134.76	-533.38	531.34	752.87	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: Sand Wash
Well: Sandwash M-31-8-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Sandwash M-31-8-17
TVD Reference: GL 5316' & RKB 12' @ 5328.00ft
MD Reference: GL 5316' & RKB 12' @ 5328.00ft
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	10.18	135.11	5,233.19	-545.90	543.80	770.54	0.00	0.00	0.00
5,400.00	10.18	135.11	5,331.62	-558.41	556.27	788.20	0.00	0.00	0.00
5,500.00	10.18	135.11	5,430.04	-570.93	568.74	805.87	0.00	0.00	0.00
5,600.00	10.18	135.11	5,528.47	-583.44	581.21	823.53	0.00	0.00	0.00
5,700.00	10.18	135.11	5,626.90	-595.96	593.68	841.20	0.00	0.00	0.00
5,800.00	10.18	135.11	5,725.32	-608.47	606.14	858.87	0.00	0.00	0.00
5,900.00	10.18	135.11	5,823.75	-620.99	618.61	876.53	0.00	0.00	0.00
6,000.00	10.18	135.11	5,922.18	-633.51	631.08	894.20	0.00	0.00	0.00
6,100.00	10.18	135.11	6,020.61	-646.02	643.55	911.86	0.00	0.00	0.00
6,200.00	10.18	135.11	6,119.03	-658.54	656.01	929.53	0.00	0.00	0.00
6,300.00	10.18	135.11	6,217.46	-671.05	668.48	947.20	0.00	0.00	0.00
6,383.86	10.18	135.11	6,300.00	-681.55	678.94	962.01	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 M-31-8-17 PHBL - plan hits target center - Circle (radius 75.00)	0.00	0.00	6,300.00	-681.55	678.94	7,199,282.33	2,046,327.91	40° 4' 29.344 N	110° 2' 57.816 W

NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

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

SANDWASH 6-31-8-17 (Existing Well)

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

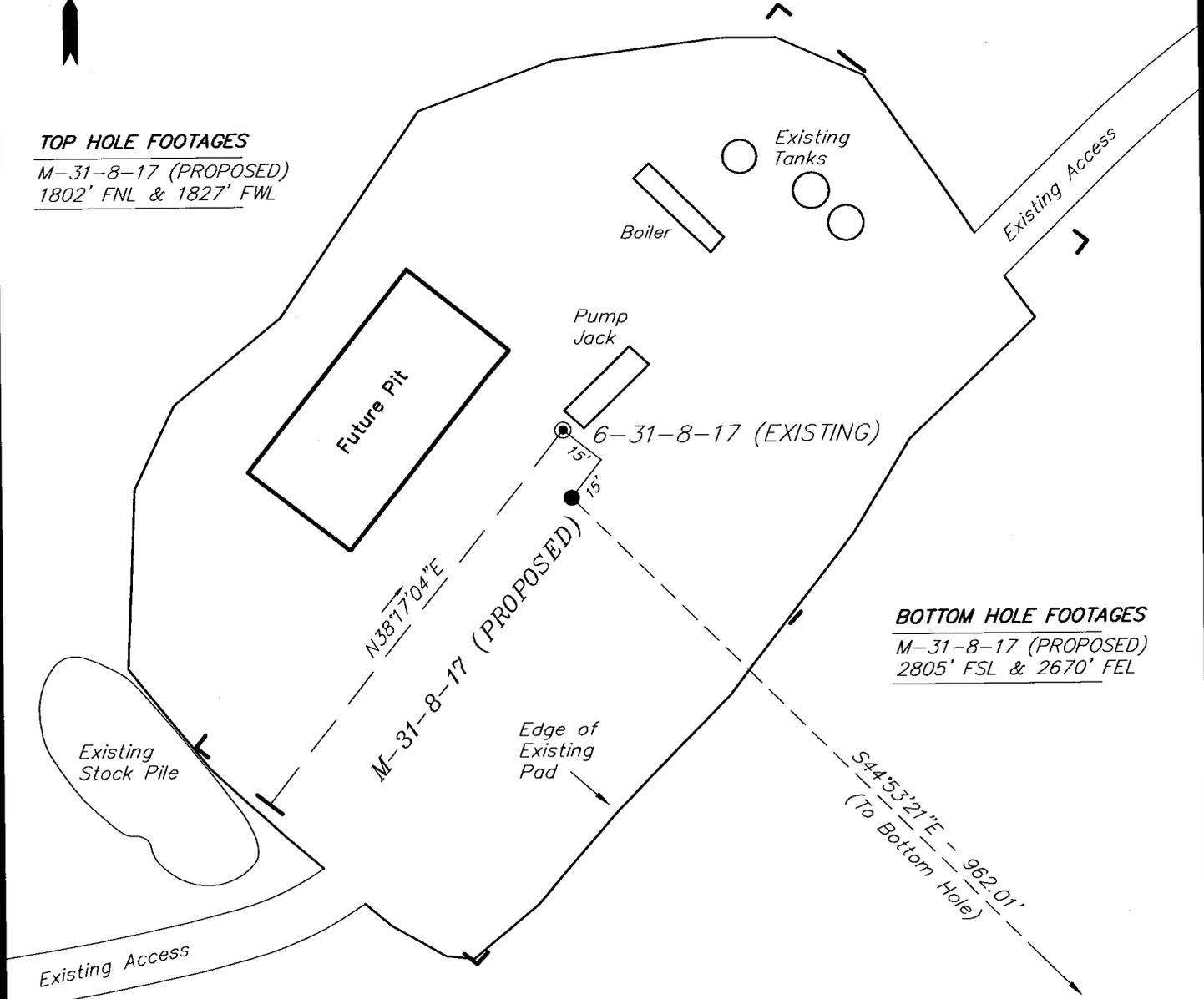


TOP HOLE FOOTAGES

M-31-8-17 (PROPOSED)
1802' FNL & 1827' FWL

BOTTOM HOLE FOOTAGES

M-31-8-17 (PROPOSED)
2805' FSL & 2670' FEL



Note:

Bearings are based on GLO Information.

RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
M-31-8-17	-682'	679'

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
M-31-8-17	40° 04' 36.08"	110° 03' 06.55"
6-31-8-17	40° 04' 36.28"	110° 03' 06.58"

SURVEYED BY: T.H.	DATE SURVEYED: 05-05-08
DRAWN BY: F.T.M.	DATE DRAWN: 05-15-08
SCALE: 1" = 50'	REVISED:

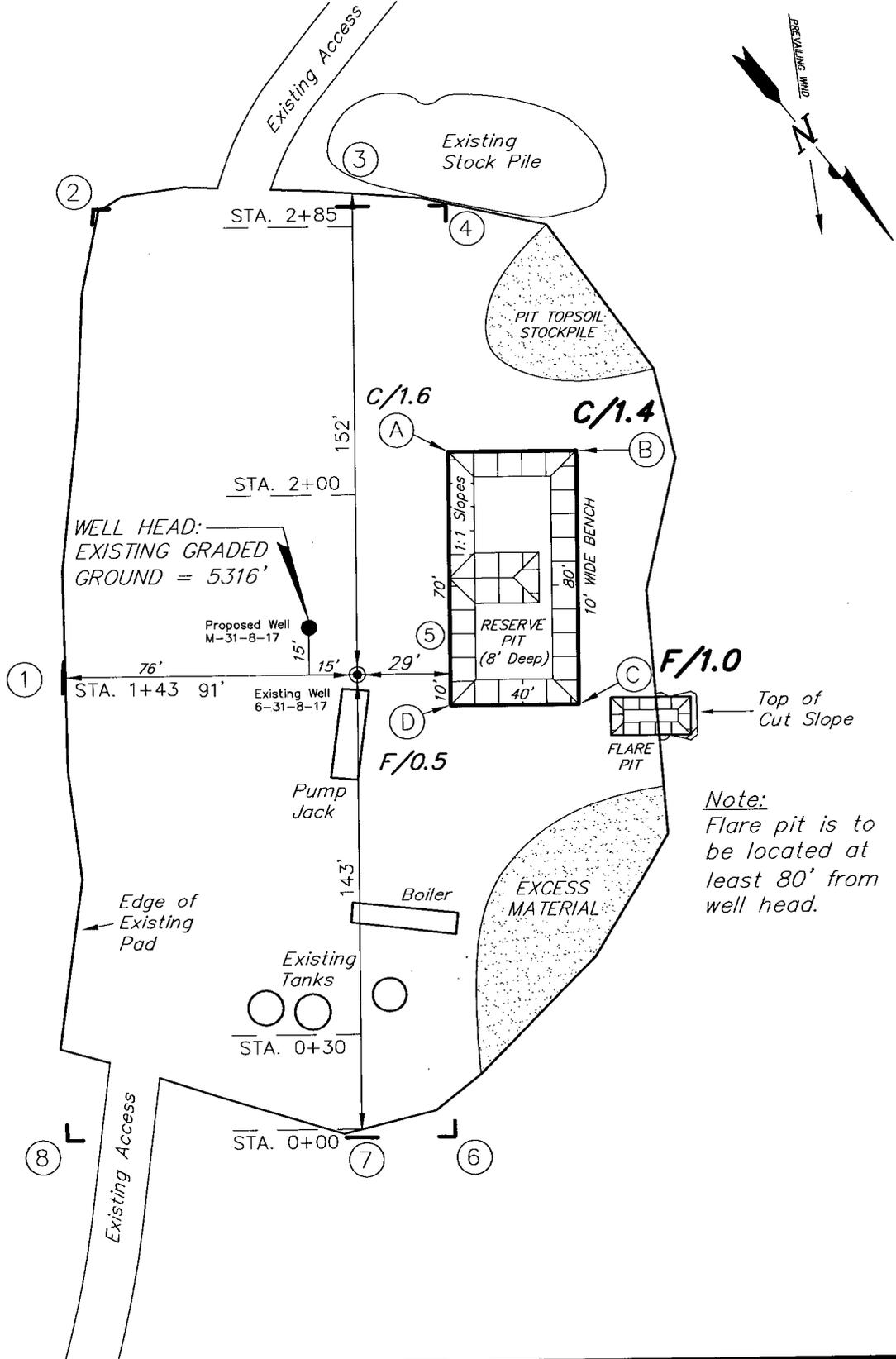
Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

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

SANDWASH 6-31-8-17 (Existing Well)

Pad Location: SENW 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: 05-05-08
DRAWN BY: F.T.M.	DATE DRAWN: 05-15-08
SCALE: 1" = 50'	REVISED:

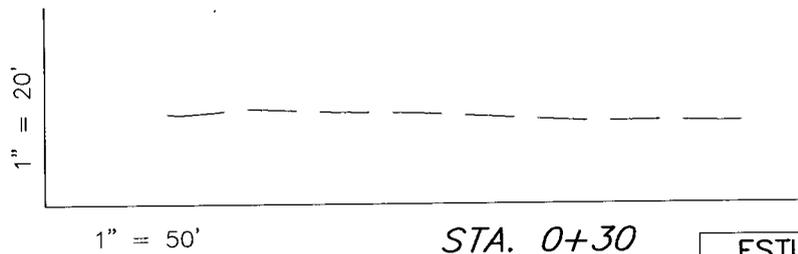
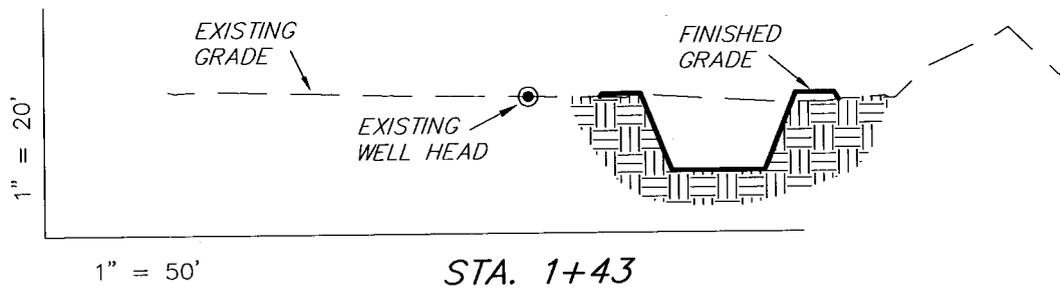
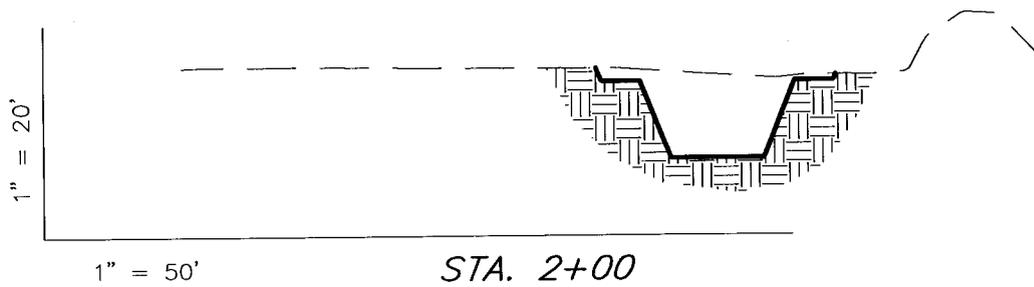
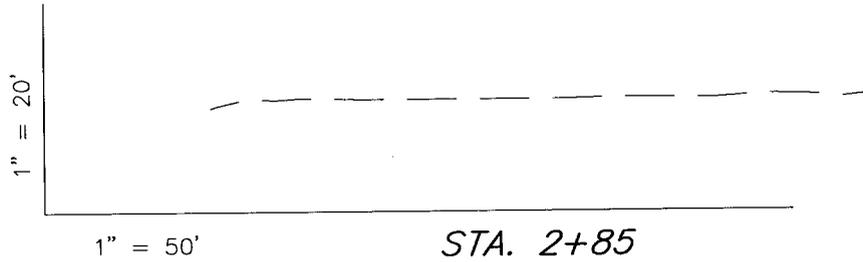
Tri State (435) 781-2501
 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEW FIELD PRODUCTION COMPANY

CROSS SECTIONS

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

SANDWASH 6-31-8-17 (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	50	50	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	690	50	120	640

SURVEYED BY: T.H.	DATE SURVEYED: 05-05-08
DRAWN BY: F.T.M.	DATE DRAWN: 05-15-08
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 M-31-8-17

From the 6-31-8-17 Location

SE/NW Sec. 31, T8S, R17E

Duchesne County, Utah

UTU-74869

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

Production Phase:

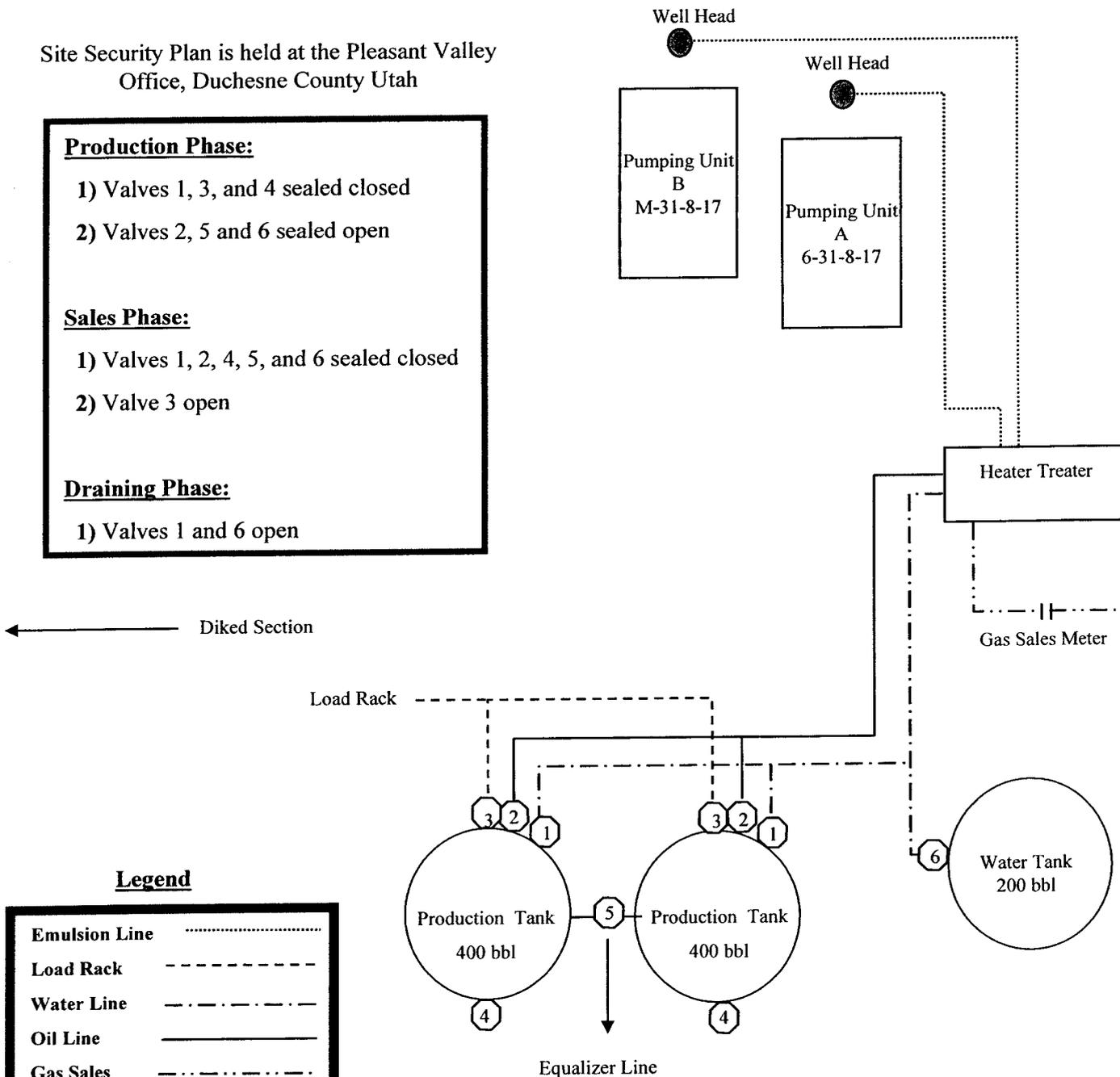
- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5 and 6 sealed open

Sales Phase:

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

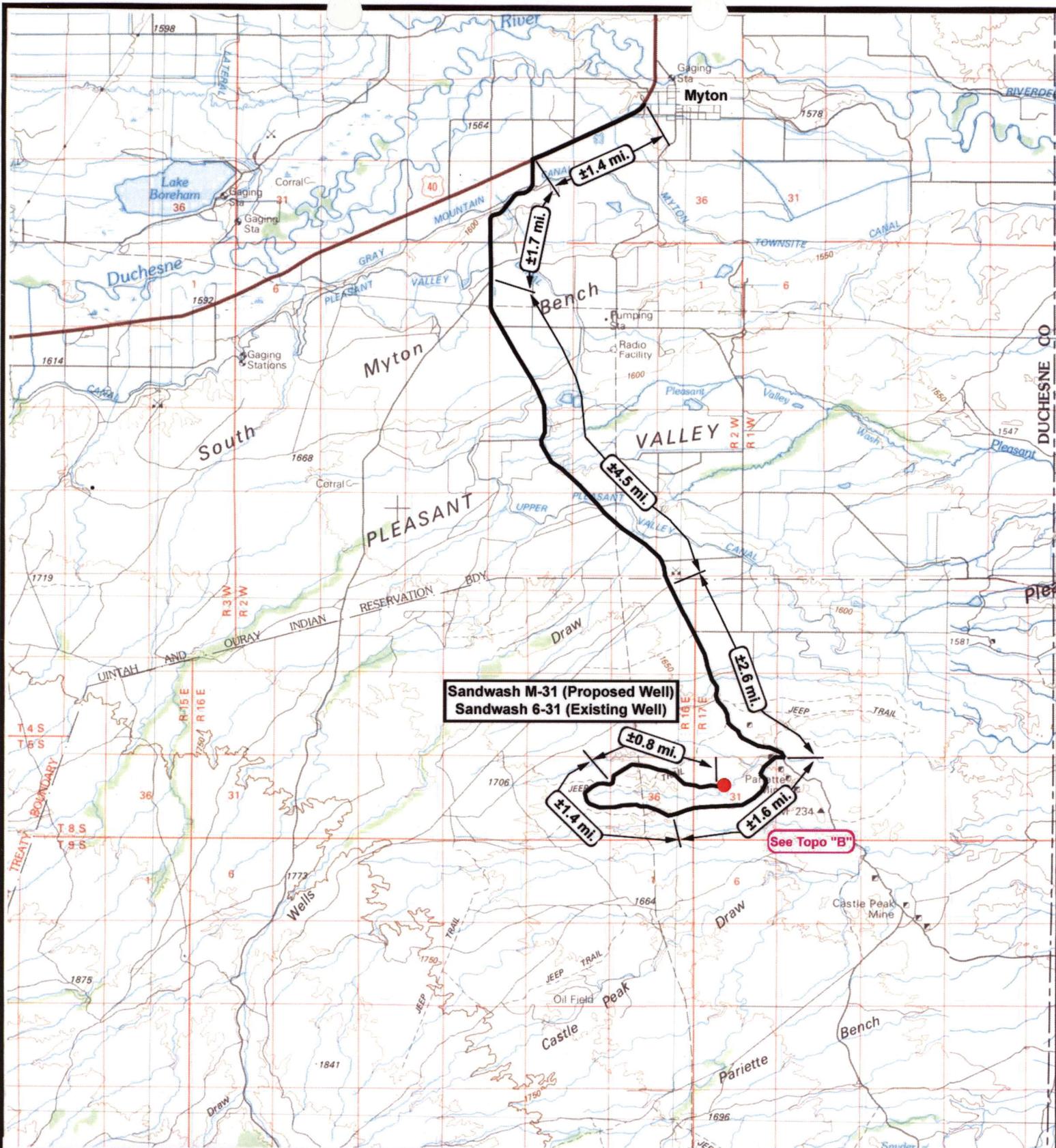
Draining Phase:

- 1) Valves 1 and 6 open



Legend

Emulsion Line
Load Rack	-----
Water Line	- - - - -
Oil Line	—————
Gas Sales	- · - · - · -



Sandwash M-31 (Proposed Well)
Sandwash 6-31 (Existing Well)

See Topo "B"

NEWFIELD
Exploration Company

Sandwash M-31-8-17 (Proposed Well)
Sandwash 6-31-8-17 (Existing Well)
 Pad Location: SENW Sec. 31, T8S, R17E, S.L.B.&M.



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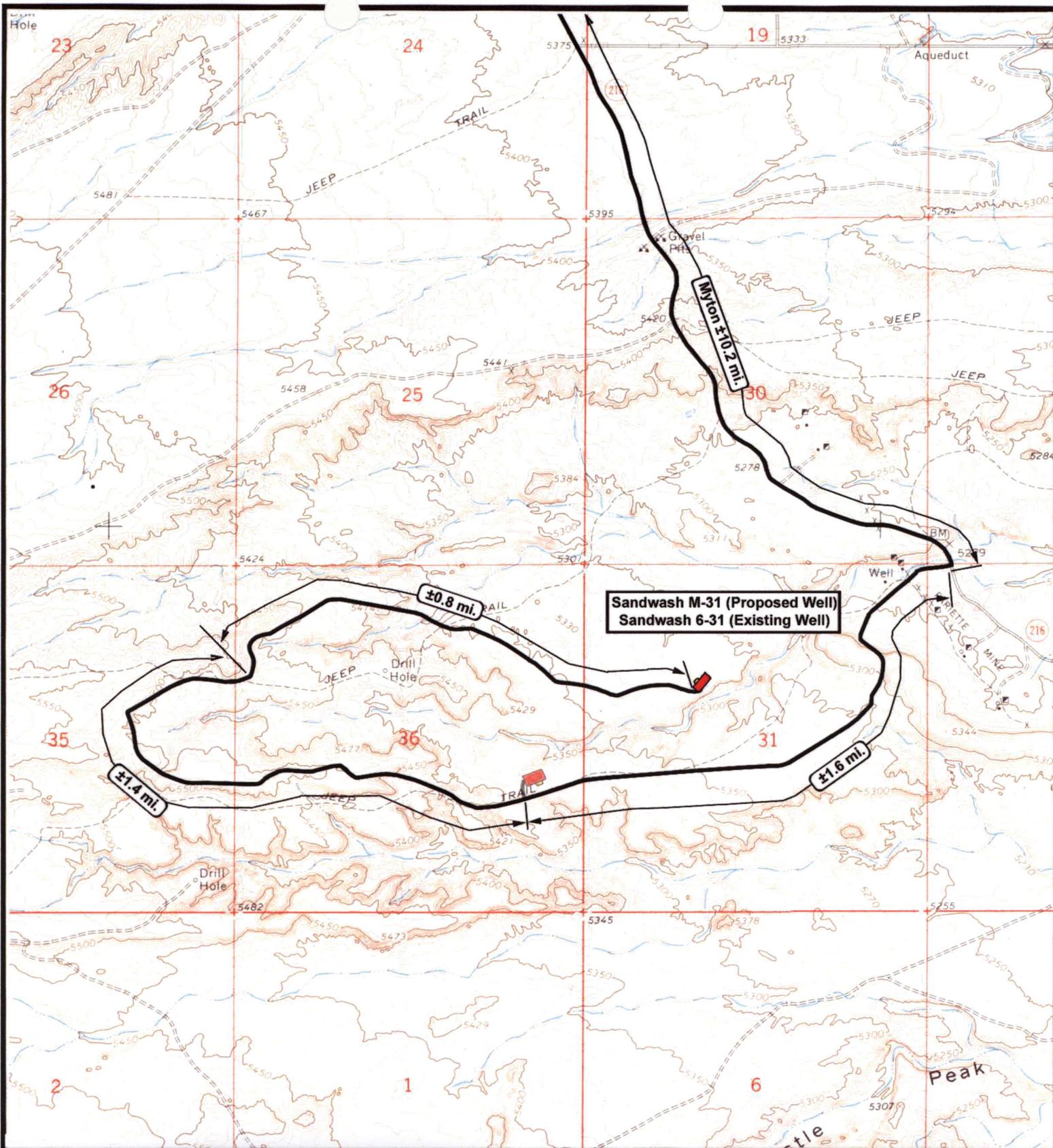
SCALE: 1 = 100,000
 DRAWN BY: JAS
 DATE: 05-20-2008

Legend

Existing Road

TOPOGRAPHIC MAP

"A"





NEWFIELD
 Exploration Company

Sandwash M-31-8-17 (Proposed Well)
Sandwash 6-31-8-17 (Existing Well)
 Pad Location: SENW Sec. 31, T8S, R17E, S.L.B.&M.



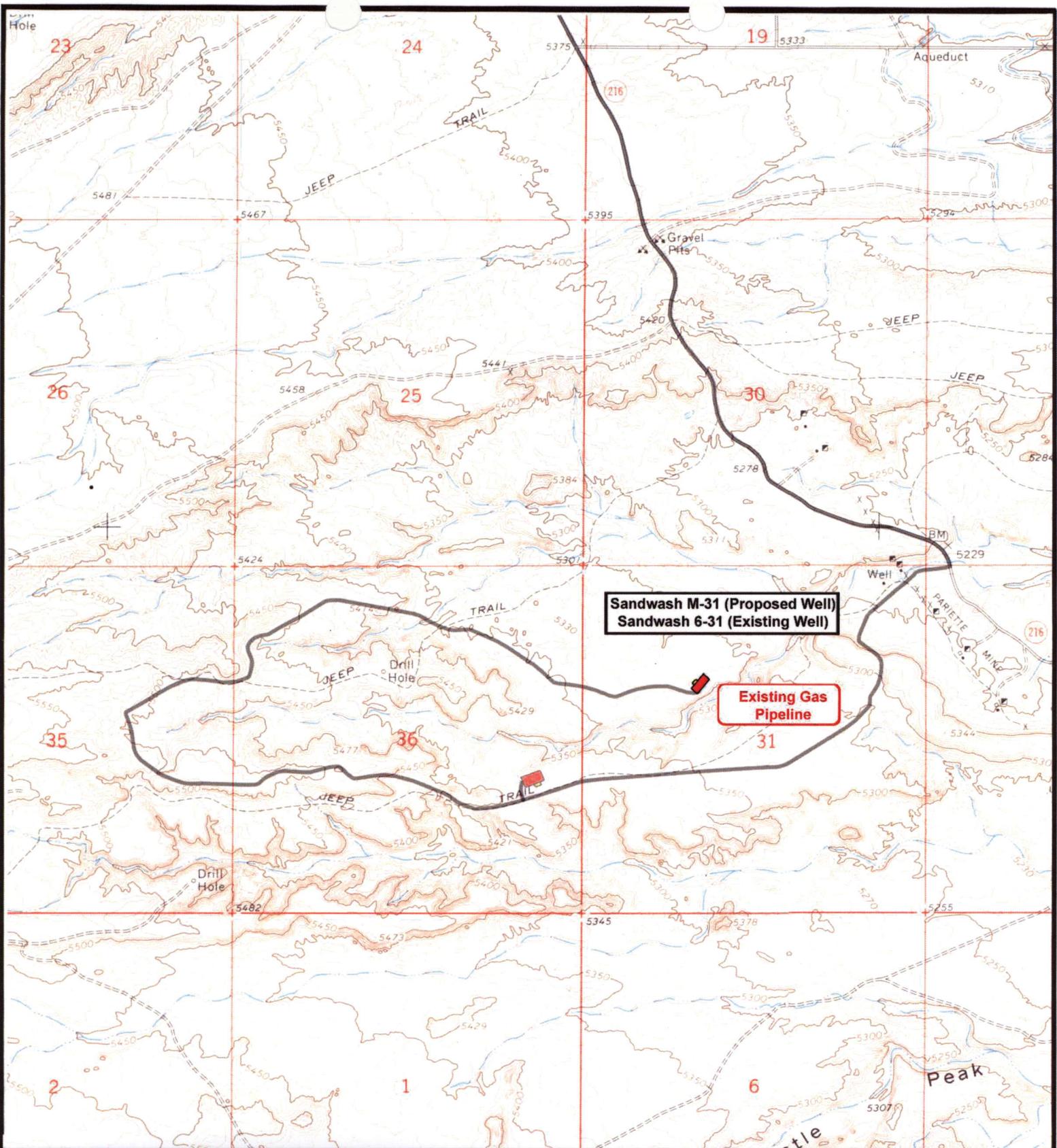

Tri-State
 Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
 DRAWN BY: JAS
 DATE: 05-20-2008

Legend

 Existing Road

TOPOGRAPHIC MAP
"B"




NEWFIELD
Exploration Company

Sandwash M-31-8-17 (Proposed Well)
Sandwash 6-31-8-17 (Existing Well)
Pad Location: SENW Sec. 31, T8S, R17E, S.L.B.&M.




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

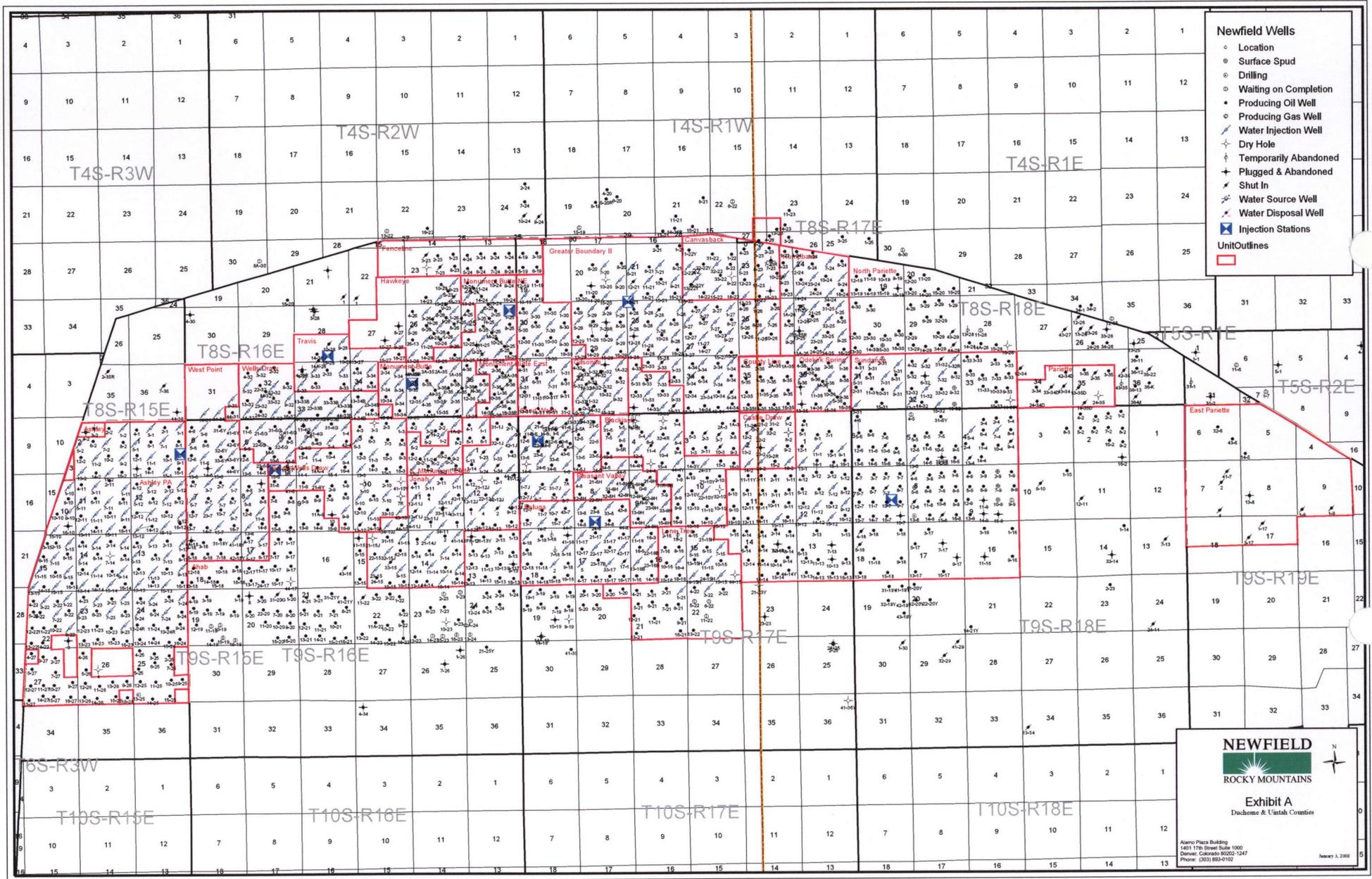
SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 05-20-2008

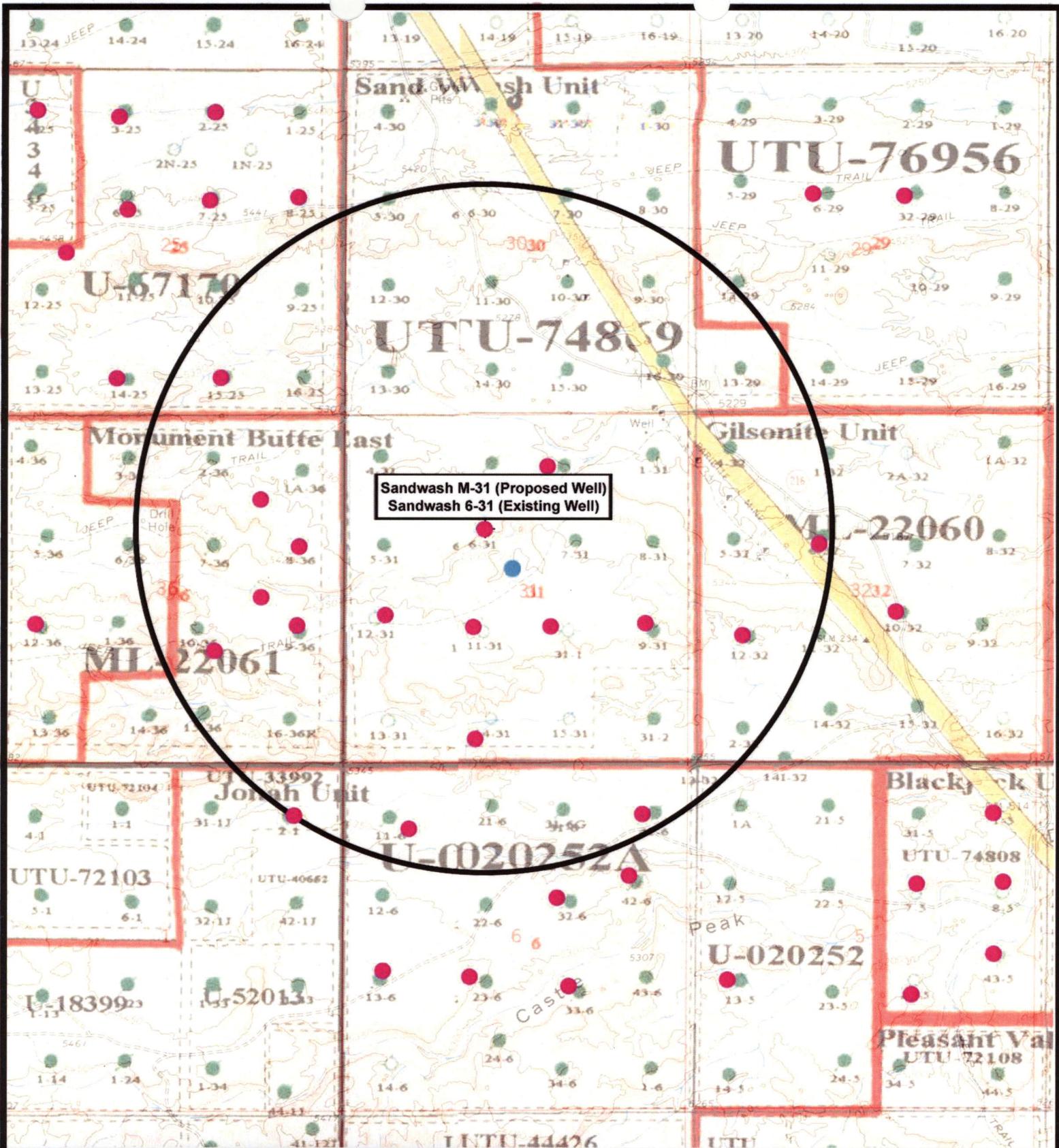
Legend

— Roads

TOPOGRAPHIC MAP

"C"





Sandwash M-31 (Proposed Well)
 Sandwash 6-31 (Existing Well)



Sandwash M-31-8-17 (Proposed Well)
Sandwash 6-31-8-17 (Existing Well)
 Pad Location: SENW 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: JAS
 DATE: 05-20-2008

Legend

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

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

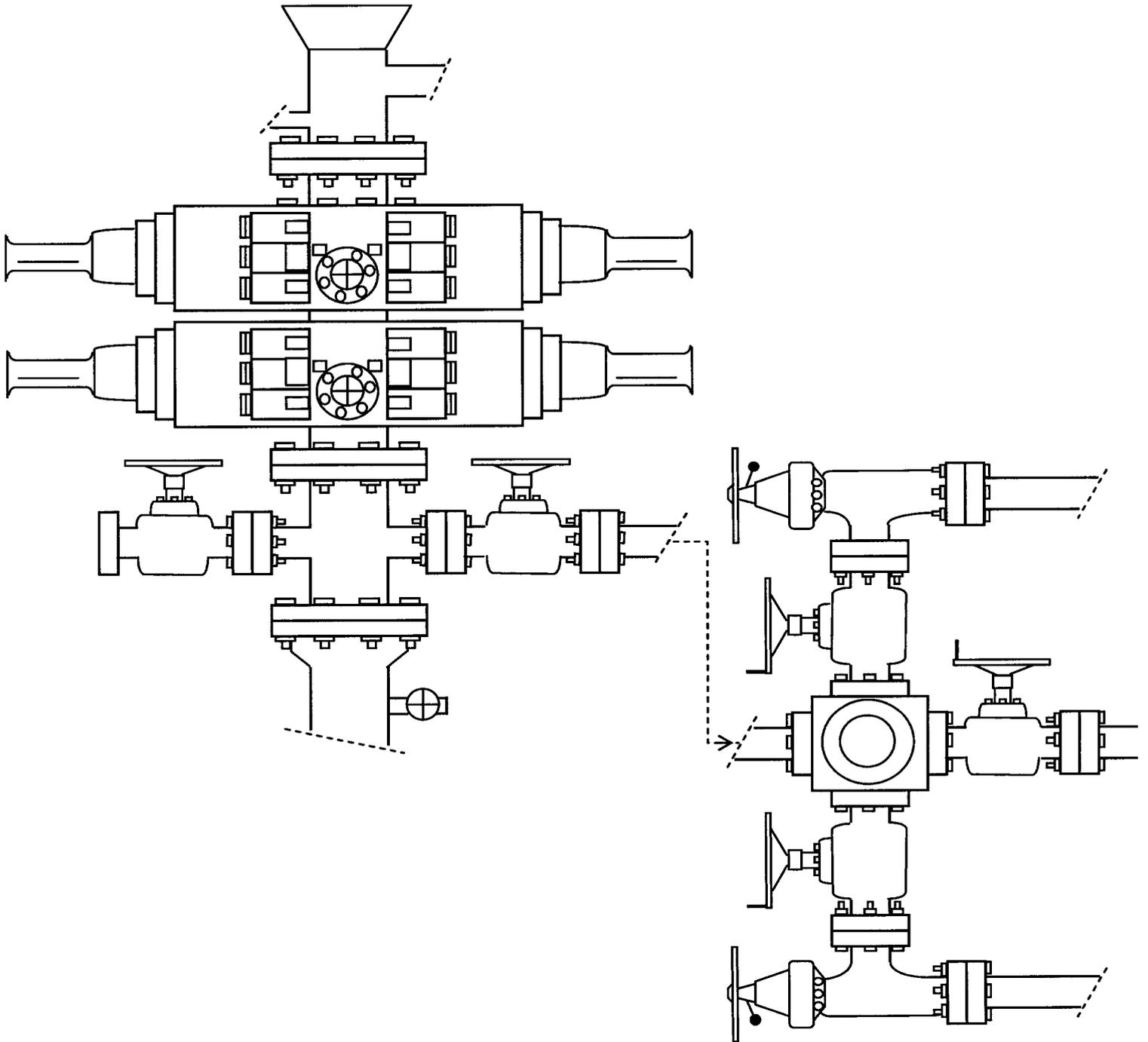


EXHIBIT C

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 07/17/2008

API NO. ASSIGNED: 43-013-34031

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

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

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

SENW 31 080S 170E
 SURFACE: 1802 FNL 1827 FWL
 BOTTOM: 2805 FSL 2670 FEL
 COUNTY: DUCHESNE
 LATITUDE: 40.07674 LONGITUDE: -110.0511
 UTM SURF EASTINGS: 580912 NORTHINGS: 4436496
 FIELD NAME: MONUMENT BUTTE (105)

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

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

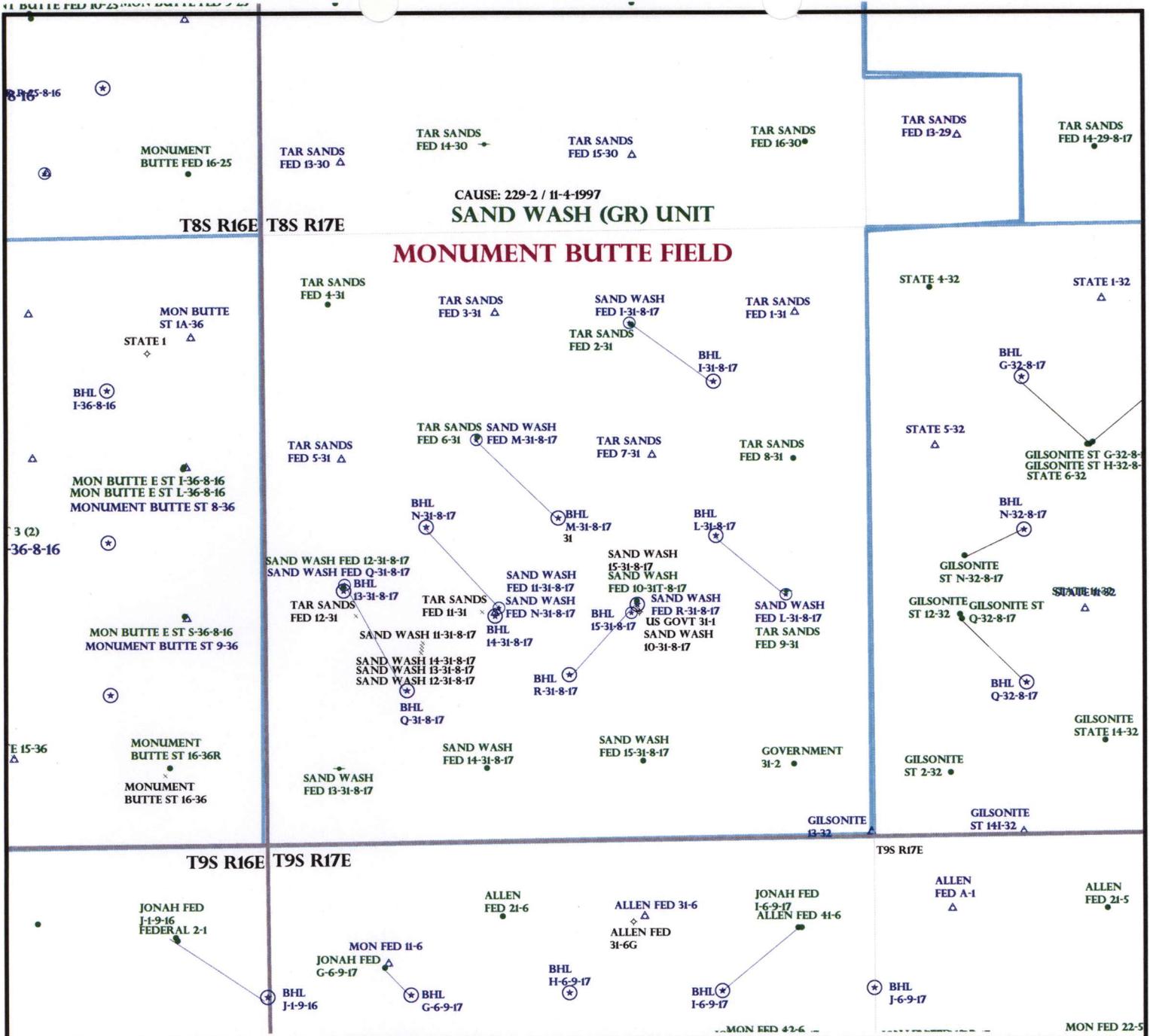
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WYB000493)
- N Potash (Y/N)
- N Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-10136)
- N RDCC Review (Y/N)
(Date: _____)
- NA Fee Surf Agreement (Y/N)
- NA Intent to Commingle (Y/N)

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: 11-4-1997
Siting: Suspends General Siting
- R649-3-11. Directional Drill

COMMENTS: See Separate File

STIPULATIONS: 1- Federal Approval



CAUSE: 229-2 / 11-4-1997
SAND WASH (GR) UNIT

MONUMENT BUTTE FIELD

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	
	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



OIL, GAS & MINING



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

DIV. OF OIL, GAS & MINING

IN REPLY REFER TO:
3160
(UT-922)

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 M-31-8-17
Sand Wash Unit
UTU-76788X
Surface Hole: T8S R17E, Section 31: SENW
1802' FNL 1827' FWL
Bottom Hole: T8S R17E, Section 31
2805' FSL 2670' FEL
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	
7. If Unit or CA Agreement, Name and No. Sand Wash Unit	
8. Lease Name and Well No. Sand Wash Federal M-31-8-17	
9. API Well No.	
10. Field and Pool, or Exploratory Monument Butte	
11. Sec., T., R., M., or Blk. and Survey or Area Sec. 31, T8S R17E	
12. County or Parish Duchesne	13. State UT
14. Distance in miles and direction from nearest town or post office* Approximatley 14.0 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) <small>Approx. 2610' file, 2610' ft/unit</small>	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. 1475'
19. Proposed Depth 6300'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5316' GL	22. Approximate date work will start* 4th Quarter 2008
23. Estimated duration <small>Approximately seven (7) days from spud to ng release.</small>	

24. Attachments

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

- | | |
|--|---|
| <ol style="list-style-type: none"> 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). | <ol style="list-style-type: none"> 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 7/14/08
Title Regulatory Specialist		

Approved by (Signature)	Name (Printed/Typed)	Date
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)

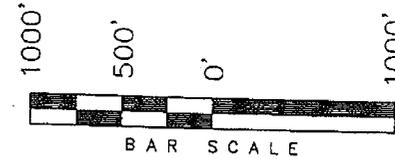
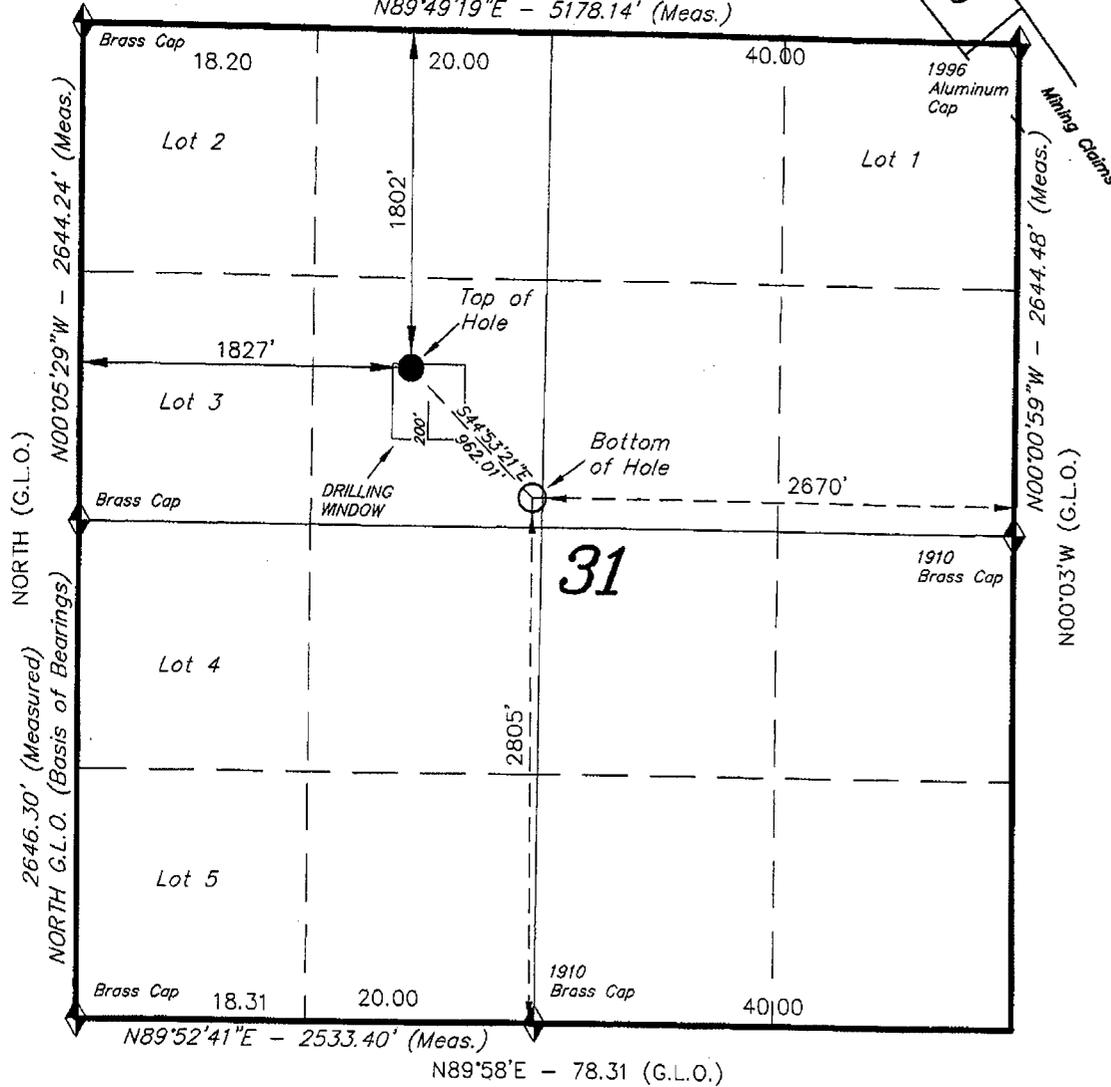
RECEIVED
JUL 25 2008
DIV. OF OIL, GAS & MINING

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

N89°51'E - 78.20 (G.L.O.)
 N89°49'19"E - 5178.14' (Meas.)

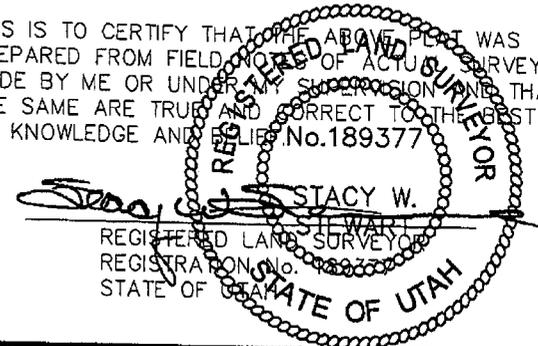
NEWFIELD PRODUCTION COMPANY

WELL LOCATION, SANDWASH M-31-8-17,
 LOCATED AS SHOWN IN THE SE 1/4 NW
 1/4 OF SECTION 31, T8S, R17E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



WELL LOCATION:
SANDWASH M-31-8-17
 ELEV. EXIST. GRADED GROUND = 5316'

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



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

DATE SURVEYED: 05-05-08	SURVEYED BY: T.H.
DATE DRAWN: 05-15-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
 U.S.G.S. 7-1/2 min QUAD (MYTON SE)

SANDWASH M-31-8-17
 (Surface Location) NAD 83
 LATITUDE = 40° 04' 36.08"
 LONGITUDE = 110° 03' 06.55"



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 M-31-8-17 Well, Surface Location 1802' FNL, 1827' FWL, SE NW, Sec. 31, T. 8 South, R. 17 East, Bottom Location 2805' FSL, 2670' FEL, 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 43-013-34031.

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 M-31-8-17

API Number: 43-013-34031

Lease: UTU-74869

Surface Location: SE NW **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.

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VERNAL FIELD OFFICE

000 JUL 17 5 11 49

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-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 M-31-8-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43 013 34031
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/NW 1802' FNL 1827' FWL At proposed prod. zone 2805' FSL 2670' FEL SENW		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 14.0 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. 2610' fl/ise, 2610' fl/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. 1475'	19. Proposed Depth 6300'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5316' 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>Jeffery Kavelka</i>	Name (Printed/Typed) Jeffery Kavelka	Date JAN 16 2009
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify 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

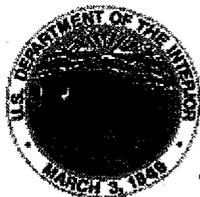
NOS 6/4/08

AFMSS# 08PP 0858A

RECEIVED
JAN 27 2009

DIV. OF OIL, GAS & MINING

WDOGIA



**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:	SENW, Sec. 31, T8S, R17E (S) SENW, Sec. 31, T8S, R17E (B)
Well No:	Sand Wash Federal M-31-8-17	Lease No:	UTU-74869
API No:	43-013-34031	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 (1/4¹/₄, 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 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74869
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: SAND WASH (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: SAND WASH FED M-31-8-17
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013340310000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1802 FNL 1827 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW 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

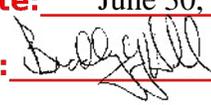
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/31/2009	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<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 43013340310000

API: 43013340310000

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

Location: 1802 FNL 1827 FWL QTR SENW SEC 31 TWNP 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: 

BLM - Vernal Field Office - ^{Spud} Notification Form

Operator Newfield Exploration Rig
Name/# Ross #21 Submitted By Alvin
Nielsen Phone Number 435-823-
7468
Well Name/Number Sand Wash Fed M-31-8-
17
Qtr/Qtr SE/NW Section 31 Township 8S
Range 17E
Lease Serial Number UTU-74869

API Number 43-013-
34031

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 11/21/09 11:00 AM
PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time 11/21/09 4:00 AM
PM

BOPE

Initial BOPE test at surface casing point

- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

Date/Time _____ AM PM

Remarks Ross Rig # 21 will spud the Sand Wash Fed M-31-8-17 on 11/21/09 @ 11:00 AM & Run casing around 4:00 PM on 11/21/09.

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)
 Section 31 T8S R17E

5. Lease Serial No.
 USA UTU-74869

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
 SANDWASH M-31-8-17

9. API Well No.
 4301334031

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

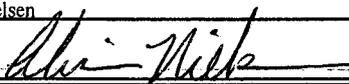
11. County or Parish, State
 DUCHESNE, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<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 recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 11/24/09 MIRU Elemburg Rig # 28. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 306'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6,355' & a TVD of 6,225. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 151 jt's of 5.5 J-55, 15.5# csgn. Set @ 6,346.57' / KB. Cement with 283 sks cement mixed @ 11.0 ppg & 3.53yld. Then 426 sks cement mixed @ 14.4 ppg & 1.24 yld. With 30 bbls cement returned to pit. Nipple down Bop's. Drop slips @78,000 #'s tension. Release rig 11:30 PM 11/28/09.

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

Title
 Drilling Foreman
 Date
 11/29/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

Title _____ Date _____
 Office _____

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

(Instructions on page 2)

RECEIVED

DEC 03 2009

DIV. OF OIL, GAS & MINING

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	17400	43-013-33514 ✓	MON BUTTE NE FEDERAL R-25-8-16	SWSE	25	8S	16E	DUCHESNE	11/23/09	12/19/09
WELL 1 COMMENTS: <i>GRRU</i> <i>GMBU</i>											
B	99999	17400	43-013-34031 ✓	SANDWASH FEDERAL M-31-8-17	SENW	31	8S	17E	DUCHESNE	11/21/09	12/19/09
<i>GRRU</i> <i>GMBU</i>											
B	99999	17400	43-013-50022 ✓	CANVASBACK FEDERAL 3-22-8-17	NENW	22	8S	17E	DUCHESNE	11/15/09	12/19/09
<i>GRRU</i> <i>GMBU</i>											
A	99999	17430	43-013-50154	UTE TRIBAL 16-23-4-3	SESE	23	4S	3W	DUCHESNE	11/27/09	12/22/09
<i>GRRU</i>											
A	99999	17431	43-047-50669	HANCOCK 16-23-4-1	SESE	23	4S	1W	UINTAH	11/25/09	12/22/09
WELL 5 COMMENTS: <i>GRRU</i>											
A	99999	17432	43-047-50709	HANCOCK 15-23-4-1	SWSE	23	4S	1W	UINTAH	11/24/09	12/22/09
WELL 5 COMMENTS: <i>GRRU</i>											

ACTION CODES (See instructions on back of form)

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

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

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DEC 01 2009

DIV. OF OIL, GAS & MINING

Signature: *Kim Swasey* Kim Swasey
Title: **Production Analyst** 12/1/2009
Date: Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
 435.646.3721

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

 Section 31 T8S R17E

5. Lease Serial No.
 USA UTU-74869

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
 GMBU CTB4

8. Well Name and No.
 SANDWASH M-31-8-17

9. API Well No.
 4301334031

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 DUCHESNE, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

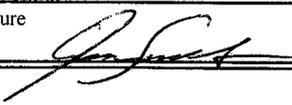
13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths 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 11/21/09 MIRU Ross # 21. Spud well @ 11:00 am. Drill 360' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 366.46' KB. On 11/22/09 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 5 bbls cement to pit. WOC.

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DEC 15 2009

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed) Jim Smith	Title Drilling Foreman
Signature 	Date 12/05/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

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.

5. Lease Serial No.

USA UTU-74869

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
GMBU

8. Well Name and No.

SANDWASH Federal M-31-8-17 ^{mc}

9. API Well No.

4301334031

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

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

At Surf: SE/4 NW 1802' FNL 1827' FWL ^{mc}

Section 31 T8S R17E

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 Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 11/21/09 MIRU Ross # 21. Spud well @ 11:00 am. Drill 360' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 366.46' KB. On 11/22/09 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 5 bbls cement to pit. WOC.

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

Jim Smith

Title

Drilling Foreman

Signature

Date

12/05/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____

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

Title

Date

Office

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

(Instructions on page 2)

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DEC 22 2009

DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-74869

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
SANDWASH M-31-8-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301334031

3. ADDRESS OF OPERATOR:
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: , 31, T8S, R17E STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>12/23/2009</u>	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The above subject well was completed on 12-23-09, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE 

DATE 01/05/2010

(This space for State use only)

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JAN 11 2010
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

SANDWASH M-31-8-17

10/1/2009 To 2/28/2010

12/15/2009 Day: 1

Completion

Rigless on 12/15/2009 - RU Perforators LLC WLT & mast. Ran CBL & shot 1st stage. - NU frac head & Cameron BOP's. RU Hot oiler & test casing, frac head, frac valves & BOP to 4500 psi. RU WLT w/ mast & pack off tool. Run CBL under pressure. WLTD was 6280' w/ TOC @ 34'. RIH w/ 3 1/8" ported guns & perforate CP4 sds @ 6098- 6102' & CP2 sds @ 5952- 56', 5935- 38' w/ 19 gram, .49"EH, 120°) 3 spf for total of 33 shots. RD WLT & Hot Oiler. SIFN w/ 151 bbls BWTR.

Daily Cost: \$0

Cumulative Cost: \$11,092

12/17/2009 Day: 2

Completion

WWS #3 on 12/17/2009 - Frac & flowback 4 stages. - Stage #2, LODC & A3 sands. RU BJ Services. 1604 psi on well. Frac LODC & A3 sds w/ 100,723#'s of 20/40 sand in 602 bbls of Lightning 17 fluid. Broke @ 2871 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 3198 psi @ ave rate of 50 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISDP 2239 psi. Leave pressure on well. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 2' & 5' perf guns. Set plug @ 5300'. Perforate B1 sds @ 5264-66' & C sds @ 5153-58' w/ 3 1/8" slick guns (16 gram .34" EH 21.00" pen) w/ 3 spf for total of 21 shots. 1646 BWTR - Stage #3, B1 & C sands. RU BJ Services. 1370 psi on well. Frac B1 & C sds w/ 12,428#'s of 20/40 sand in 120 bbls of Lightning 17 fluid. Broke @ 3462 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2371 psi @ ave rate of 22.5 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISDP 1993 psi. Leave pressure on well. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 2-2', 3' & 5' perf guns. Set plug @ 5095'. Perforate D2 sds @ 5044-49', 5037-39' & D1 sds @ 4987-90' & 4978-80' w/ 3 1/8" slick guns (16 gram .34" EH 21.00" pen) w/ 3 spf for total of 33 shots. 1931 BWTR - Stage #4, D2 & D1 sands. RU BJ Services. 1315 psi on well. Frac D2 & D1 sds w/ 8,846#'s of 20/40 sand in 90 bbls of Lightning 17 fluid. Broke @ 1799 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1982 psi @ ave rate of 25.5 BPM. ISDP 1712 psi. 2182 BWTR. Open well for immediate flowback @ approx 3 BPM. Well flowed for 3 hours & died. Recovered 432 bbls. SWIFN. 1750 BWTR. - Stage #1, CP4 & CP2 sands. RU BJ Services. 105 psi on well. Frac CP4 & CP2 sds w/ 75,118#'s of 20/40 sand in 498 bbls of Lightning 17 fluid. Broke @ 3802 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 3046 psi @ ave rate of 52 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISDP 1874 psi. Leave pressure on well. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 3-2' & 2-3' perf guns. Set plug @ 5700'. Perforate LODC sds @ 5647-50', 5614-16', 5585-88' 5572-75' & A3 sds @ 5464-66' w/ 3 1/8" slick guns (16 gram .34" EH 21.00" pen) w/ 3 spf for total of 36 shots. 875 BWTR

Daily Cost: \$0

Cumulative Cost: \$91,564

12/19/2009 Day: 3

Completion

WWS #3 on 12/19/2009 - MIRU WWS #3. PU tbg & drill out 1 plug. - MIRU WWS #3. Thaw wellhead & BOPs. Check pressure on well, 100 psi. ND frac BOPs & wellhead. NU Production

wellhead. RU rig floor. Talley & PU 4 3/4" chomp bit, bit sub & tbg. Tag fill @ 4944'. RU pump, pump lines & power swivel. Clean out to plug @ 5095'. Drill out plug in 20 min. Circulate well clean. Drain pump & pump lines. SWIFN. 1750 BWTR.

Daily Cost: \$0

Cumulative Cost: \$97,780

12/21/2009 Day: 4

Completion

WWS #3 on 12/21/2009 - Drill out plugs & swab. - Thaw wellhead. Check pressure on well, 180 psi tbg & 220 psi csg. Bleed pressure off well. Continue PU tbg & tag fill @ 5260'. Clean out 40' sand & tag plug @ 5300'. Drill out plug in 35 min. Circulate well for 1 hour until clean of sand. Continue PU tbg & tag plug @ 5700'. Drill out plug in 40 min. Continue PU tbg & tag fill @ 6131'. Clean out 195' of sand to PBSD @ 6326'. Circulate well clean. RD drill equip. LD 3- jts tbg & place EOT @ 6251'. RU swab equip. Made 8 swab runs w/ SFL @ surface & EFL @ 1200'. Recovered 90 bbls ending w/ trace of oil & sand. SWIFN. 1730 BWTR.

Daily Cost: \$0

Cumulative Cost: \$108,045

12/22/2009 Day: 5

Completion

WWS #3 on 12/22/2009 - Swab, trip production tbg & start PU rods. - Thaw wellhead & check pressure, 500 psi csg, 300 psi tbg. Continue swabbing, made 5 swab runs w/ SFL @ 1400 psi & EFL @ 1800 psi. Recovered 60 bbls ending w/ no show of sand & trace of oil. RD swab equipment. TIH & tag fill @ 6370', clean out to PBSD @ 6376'. Circulate well clean. LD extra tbg. TOOH w/ tbg & LD bit & bit sub. PU & TIH w/ tbg as detailed. ND BOPs. Set TA @ 6054' w/ 18,000#s tension. NU wellhead. X-over for rods. Flush tbg w/ 60 BW. PU & prime Central Hydraulic 2 1/2" X 1 3/4" X 20' X 24' RHAC rod pump. PU & TIH w/ 4- 1 1/2" weight rods & 164- 7/8" guided rods. SWIFN. 1730 BWTR.

Daily Cost: \$0

Cumulative Cost: \$142,337

12/23/2009 Day: 6

Completion

WWS #3 on 12/23/2009 - Finish PU rods & PWOP. - Thaw wellhead. Check pressure on well, 180 psi csg, 0 psi tbg. Continue PU rods as detailed. RU pumping unit. Stroke test pump w/ unit to 800 psi. Drain pump & pump lines. RDMOSU. PWOP @ 12:00 noon w/ 144" SL & 5 SPM. 1730 BWTR. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$156,803

Pertinent Files: Go to File List

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

5. Lease Serial No.
UTU-74869

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

6. If Indian, Allottee or Tribe Name

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

7. Unit or CA Agreement Name and No.
GMBU

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

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

8. Lease Name and Well No.
SANDWASH M-31-8-17

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

9. AFI Well No.
43-013-34031

At surface 1802' FNL & 1827' FWL (SE/NW) SEC. 31, T8S, R17E

10. Field and Pool or Exploratory
MONUMENT BUTTE

At top prod. interval reported below 2450' FNL & 2466' FWL (SE/NW) SEC. 31, T8S, R17E (UTU-74869)

11. Sec., T., R., M., on Block and Survey or Area
SEC.31, T8S, R17E

At total depth 2624 FSL & 2622' FEL (NW/SE) SEC. 31, T8S, R17E (UTU-74869) *per HSM Review*

12. County or Parish
DUCHESNE

13. State
UT

14. Date Spudded
11/21/2009

15. Date T.D. Reached
11/28/2009

16. Date Completed 12/22/2009
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5316' GL 5328' KB

18. Total Depth: MD 6355'
TVD 6225'

19. Plug Back T.D.: MD 6326'
TVD 6197

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	366'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6347'		283 PRIMLITE		34'	
						426 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@ 6156'	TA @ 6055'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) See Below			See Below			
B) GRDV			5979-6102			
C)						
D)						

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

Depth Interval	Amount and Type of Material
See Below	See Below

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
12-23-09	1-08-10	24	→	51	48	11			2-1/2" x 1-3/4" x 20' 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	
			→						

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

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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	

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JAN 19 2010

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

SOLD & USED FOR FUEL

DIV. OF OIL, GAS & MINING

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	3942' 4148'
				GARDEN GULCH 2 POINT 3	4268' 4544'
				X MRKR Y MRKR	4784' 4820'
				DOUGALS CREEK MRK BI CARBONATE MRK	4949' 5195'
				B LIMESTON MRK LODC	5318' 5514'
				LODC_BASE CPLS	5658' 5825' BSCARB 6259'

32. Additional remarks (include plugging procedure):

- Stage 1: Green River Formation (CP2 & CP4) 5935-38', 5952-56', 6098-6102', .36" 3/33 Frac w/ 75118#'s of 20/40 sand in 498 bbls of Lightning 17 fluid
- Stage 2: Green River Formation (LODC & A3) 5464-66', 5572-75', 5585-88' 5614-16', 5647-50', .34" 3/39 Frac w/ 100723#'s of 20/40 sand in 602 bbls of Lightning 17 fluid
- Stage 3: Green River Formation (C & B1) 5153-58', 5264-66', .34" 3/21 Frac w/ 12428#'s of 20/40 sand in 120 bbls of Lightning 17 fluid
- Stage 4: Green River Formation (D1 & D2) 4978-80', 4987-90', 5037-39', 5044-49', .34" 3/36 Frac w/ 8846#'s of 20/40 sand in 90 bbls of Lightning 17 fluid

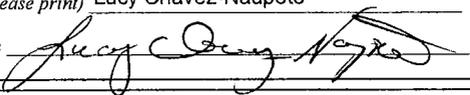
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)
 Geologic Report
 DST Report
 Directional Survey
 Sundry Notice for plugging and cement verification
 Core Analysis
 Other:

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 01/14/2010

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
M-31-8-17**

Wellbore #1

Design: Wellbore #1

Standard Survey Report

21 December, 2009

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DIRECTIONAL & MWD SERVICES

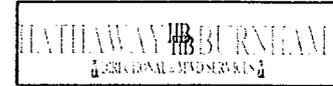
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Survey Report



DIV. OF OIL, GAS & MINING

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

Local Co-ordinate Reference: Well M-31-8-17
TVD Reference: M-31-8-17 @ 5328.0ft (ELENBURG)
MD Reference: M-31-8-17 @ 5328.0ft (ELENBURG)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Table with 2 columns: Field Name and Value. Fields include Project, Map System, Geo Datum, Map Zone, System Datum, and Using geodetic scale factor.

Table with 2 columns: Field Name and Value. Fields include Site, Site Position, From, Position Uncertainty, Northing, Easting, Slot Radius, Latitude, Longitude, and Grid Convergence.

Table with 2 columns: Field Name and Value. Fields include Well, Well Position, Position Uncertainty, Northing, Easting, Wellhead Elevation, Latitude, Longitude, and Ground Level.

Table with 2 columns: Field Name and Value. Fields include Wellbore, Magnetics, Model Name, Sample Date, Declination, Dip Angle, and Field Strength.

Table with 2 columns: Field Name and Value. Fields include Design, Audit Notes, Version, Phase, Tie On Depth, Vertical Section, Depth From (TVD), +N/-S, +E/-W, and Direction.

Table with 2 columns: Field Name and Value. Fields include Survey Program, Date, From, To, Survey (Wellbore), Tool Name, and Description.

Table with 10 columns: Measured Depth, Inclination, Azimuth, Vertical Depth, +N/-S, +E/-W, Vertical Section, Dogleg Rate, Build Rate, and Turn Rate. Contains multiple rows of survey data.

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Survey Report

NEWFIELD



DIV. OF OIL, GAS & MINING



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 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.21 Single User Db

Survey

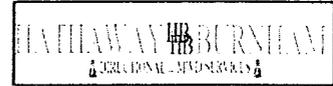
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
900.0	6.01	139.93	899.2	-15.9	16.5	22.9	1.78	1.78	0.78
945.0	6.70	137.82	944.0	-19.6	19.7	27.8	1.62	1.53	-4.69
991.0	7.43	138.34	989.6	-23.8	23.5	33.5	1.59	1.59	1.13
1,035.0	8.02	137.51	1,033.2	-28.2	27.5	39.4	1.36	1.34	-1.89
1,081.0	8.70	136.59	1,078.7	-33.1	32.0	46.1	1.51	1.48	-2.00
1,126.0	9.60	135.65	1,123.1	-38.3	37.0	53.2	2.03	2.00	-2.09
1,171.0	10.15	132.99	1,167.5	-43.7	42.5	60.9	1.59	1.22	-5.91
1,217.0	10.77	133.18	1,212.7	-49.4	48.6	69.3	1.35	1.35	0.41
1,262.0	11.40	135.12	1,256.9	-55.4	54.8	77.9	1.63	1.40	4.31
1,307.0	11.82	135.07	1,301.0	-61.8	61.2	87.0	0.93	0.93	-0.11
1,352.0	12.70	136.02	1,344.9	-68.6	67.9	96.5	2.01	1.96	2.11
1,398.0	13.29	135.38	1,389.8	-76.0	75.1	106.9	1.32	1.28	-1.39
1,488.0	13.86	134.39	1,477.2	-90.9	90.1	128.0	0.68	0.63	-1.10
1,579.0	14.04	133.93	1,565.6	-106.2	105.8	149.9	0.23	0.20	-0.51
1,669.0	14.13	134.68	1,652.8	-121.5	121.5	171.8	0.23	0.10	0.83
1,760.0	13.82	133.49	1,741.2	-136.8	137.3	193.8	0.46	-0.34	-1.31
1,851.0	13.25	131.43	1,829.6	-151.2	153.0	215.1	0.82	-0.63	-2.26
1,941.0	12.61	134.44	1,917.3	-164.9	167.8	235.2	1.03	-0.71	3.34
2,032.0	12.33	136.19	2,006.2	-178.9	181.6	254.8	0.52	-0.31	1.92
2,122.0	12.50	136.60	2,094.1	-192.9	194.9	274.2	0.21	0.19	0.46
2,212.0	12.99	137.18	2,181.9	-207.4	208.5	294.0	0.56	0.54	0.64
2,303.0	12.72	133.32	2,270.6	-221.7	222.7	314.2	0.99	-0.30	-4.24
2,394.0	13.07	135.82	2,359.3	-236.0	237.2	334.5	0.72	0.38	2.75
2,484.0	13.38	132.99	2,446.9	-250.4	251.9	355.1	0.80	0.34	-3.14
2,575.0	12.90	132.70	2,535.5	-264.5	267.1	375.8	0.53	-0.53	-0.32
2,666.0	12.70	139.31	2,624.3	-278.9	281.0	395.9	1.62	-0.22	7.26
2,756.0	11.05	138.06	2,712.3	-292.9	293.3	414.4	1.86	-1.83	-1.39
2,847.0	9.56	132.59	2,801.9	-304.5	304.7	430.7	1.96	-1.64	-6.01
2,937.0	9.84	135.38	2,890.6	-315.0	315.6	445.8	0.61	0.31	3.10
3,028.0	10.52	128.13	2,980.2	-325.7	327.6	461.8	1.59	0.75	-7.97
3,118.0	12.26	132.24	3,068.4	-337.1	341.1	479.5	2.13	1.93	4.57
3,209.0	13.65	135.84	3,157.1	-351.3	355.7	499.9	1.77	1.53	3.96
3,300.0	13.18	135.29	3,245.6	-366.4	370.5	521.0	0.54	-0.52	-0.60
3,390.0	12.12	132.86	3,333.4	-380.1	384.7	540.7	1.32	-1.18	-2.70
3,481.0	13.93	136.74	3,422.1	-394.6	399.2	561.2	2.21	1.99	4.26
3,571.0	13.75	135.62	3,509.4	---	---	582.7	0.36	-0.20	-1.24
3,662.0	14.90	134.28	3,597.6	---	---	605.2	1.32	1.26	-1.47
3,753.0	14.15	136.19	3,685.7	---	---	628.1	0.98	-0.82	2.10
3,844.0	13.27	135.87	3,774.1	---	---	649.6	0.97	-0.97	-0.35
3,934.0	12.92	133.16	3,861.8	---	---	670.0	0.79	-0.39	-3.01
4,025.0	12.90	133.87	3,950.5	---	---	690.3	0.18	-0.02	0.78
4,116.0	13.32	138.08	4,039.1	---	---	710.9	1.15	0.46	4.63
4,206.0	14.35	137.89	4,126.5	---	---	732.4	1.15	1.14	-0.21
4,297.0	12.92	136.52	4,214.9	---	---	753.9	1.61	-1.57	-1.51
4,387.0	13.01	137.54	4,302.6	---	---	774.1	0.27	0.10	1.13
4,478.0	12.35	140.00	4,391.4	---	---	794.0	0.94	-0.73	2.70
4,569.0	12.57	136.85	4,480.3	---	---	813.6	0.78	0.24	-3.46
4,660.0	11.82	133.65	4,569.2	---	---	832.8	1.11	-0.82	-3.52
4,750.0	11.82	137.05	4,657.3	---	---	851.3	0.77	0.00	3.78
4,841.0	11.78	139.25	4,746.4	---	---	869.9	0.50	-0.04	2.42
4,931.0	13.23	140.74	4,834.3	---	---	889.3	1.65	1.61	1.66
5,022.0	13.33	136.29	4,922.8	---	---	910.2	1.13	0.11	-4.89
5,113.0	13.27	134.04	5,011.4	-648.3	638.8	931.1	0.57	-0.07	-2.47
5,203.0	13.11	135.95	5,099.0	-677.7	668.1	951.6	0.52	-0.18	2.12

TOP Perf.
 4978-80



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Survey Report



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

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 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)
5,294.0	13.18	139.73	5,187.6	-693.0	682.0	972.3	0.95	0.08	4.15
5,303.7	13.14	139.59	5,197.0	-694.7	683.4	974.5	0.51	-0.39	-1.40
M-31-8-17 TGT									
5,384.0	12.83	138.44	5,275.3	-708.3	695.2	992.5	0.51	-0.39	-1.44
5,475.0	12.39	133.51	5,364.1	-722.6	709.0	1,012.4	1.28	-0.48	-5.42
5,565.0	13.82	130.83	5,451.8	-736.3	724.2	1,032.7	1.73	1.59	-2.98
5,656.0	14.04	127.93	5,540.1	-750.2	741.1	1,054.5	0.80	0.24	-3.19
5,747.0	11.56	130.83	5,628.8	-762.9	756.7	1,074.5	2.81	-2.73	3.19
5,837.0	11.10	140.26	5,717.1	-775.5	769.1	1,092.1	2.12	-0.51	10.48
5,928.0	12.50	140.11	5,806.2	-789.8	781.0	1,110.7	1.54	1.54	-0.16
6,019.0	12.19	141.09	5,895.1	-804.8	793.3	1,130.1	0.41	-0.34	1.08
6,109.0	11.32	142.79	5,983.2	-819.2	804.6	1,148.3	1.04	-0.97	1.89
6,200.0	11.18	142.39	6,072.4	-833.3	815.4	1,165.9	0.18	-0.15	-0.44
6,290.0	8.99	142.94	6,161.0	-845.9	825.0	1,181.6	2.44	-2.43	0.61
6,355.0	8.50	144.37	6,225.3	-853.8	830.9	1,191.3	0.82	-0.75	2.20

Wellbore Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
M-31-8-17 TGT	0.00	0.00	5,200.0	-681.5	678.9	7,199,267.98	2,046,323.75	40° 4' 29.345 N	110° 2' 57.816 W
- hit/miss target									
- Shape									
- actual wellpath misses by 14.2ft at 5303.6ft MD (5197.0 TVD, -694.7 N, 683.4 E)									
- Circle (radius 75.0)									

Checked By: _____ Approved By: _____ Date: _____

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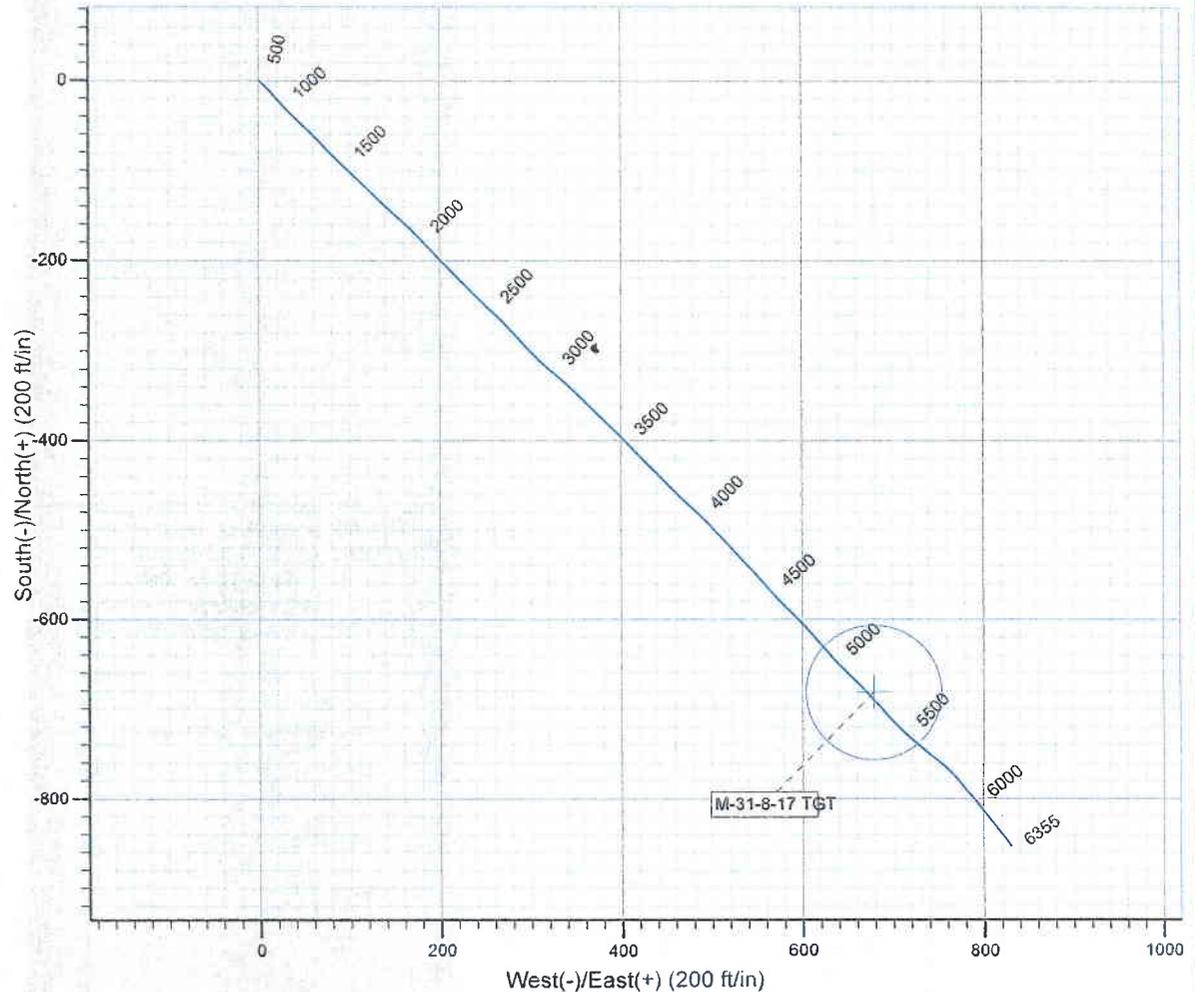
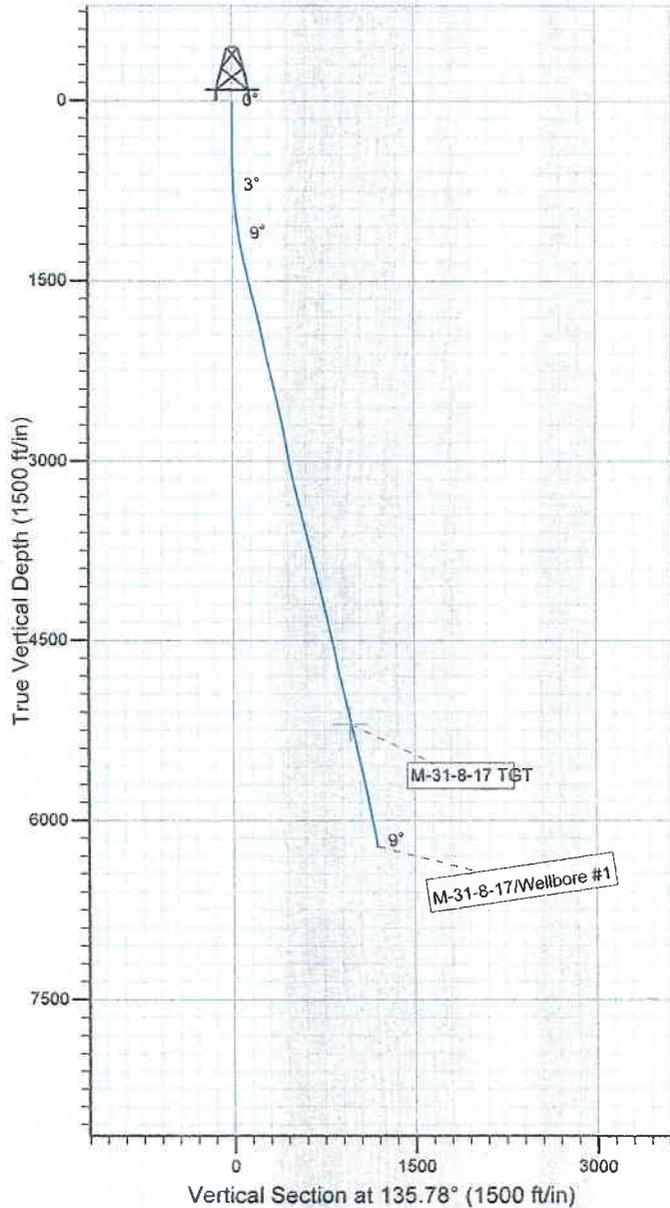
Project: USGS Myton SW (UT)
Site: SECTION 31 T8S R17E
Well: M-31-8-17
Wellbore: Wellbore #1
SURVEY: Wellbore #1

FINAL SURVEY REPORT



Azimuths to True North
Magnetic North: 11.50°

Magnetic Field
Strength: 52476.2snT
Dip Angle: 65.87°
Date: 2009/11/22
Model: IGRF200510



HATHAWAY ^{HB} BURNHAM
DIRECTIONAL & MWD SERVICES

Design: Wellbore #1 (M-31-8-17/Wellbore #1)

Created By: *Jim Hudson* Date: 19:22, December 21 2009
THIS SURVEY IS CORRECT TO THE BEST OF MY
KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.