

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-67845
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. Humpback Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Humpback Federal M-25-8-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-047-39972
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/NW 1692' FNL 1734' FWL At proposed prod. zone 2464' FNL 2466' FWL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 14.2 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 25, T8S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1495' f/ise, 2815' f/unit	16. No. of Acres in lease 560.00	12. County or Parish Uintah
17. Spacing Unit dedicated to this well 20 Acres	13. State UT	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1490'	19. Proposed Depth 6585'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5054' GL	22. Approximate date work will start* 2 nd 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:

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 3/14/08
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 03-18-08
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)

Surt
588882X
44382234
40.091498
-109.957382
Federal Approval of this
Action Is Necessary

BHL
589107X
44379914
40.089378
-109.954772

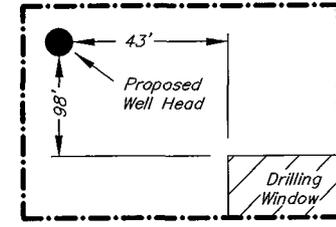
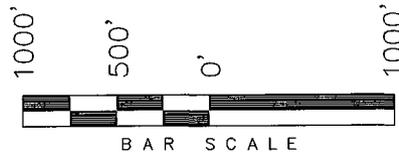
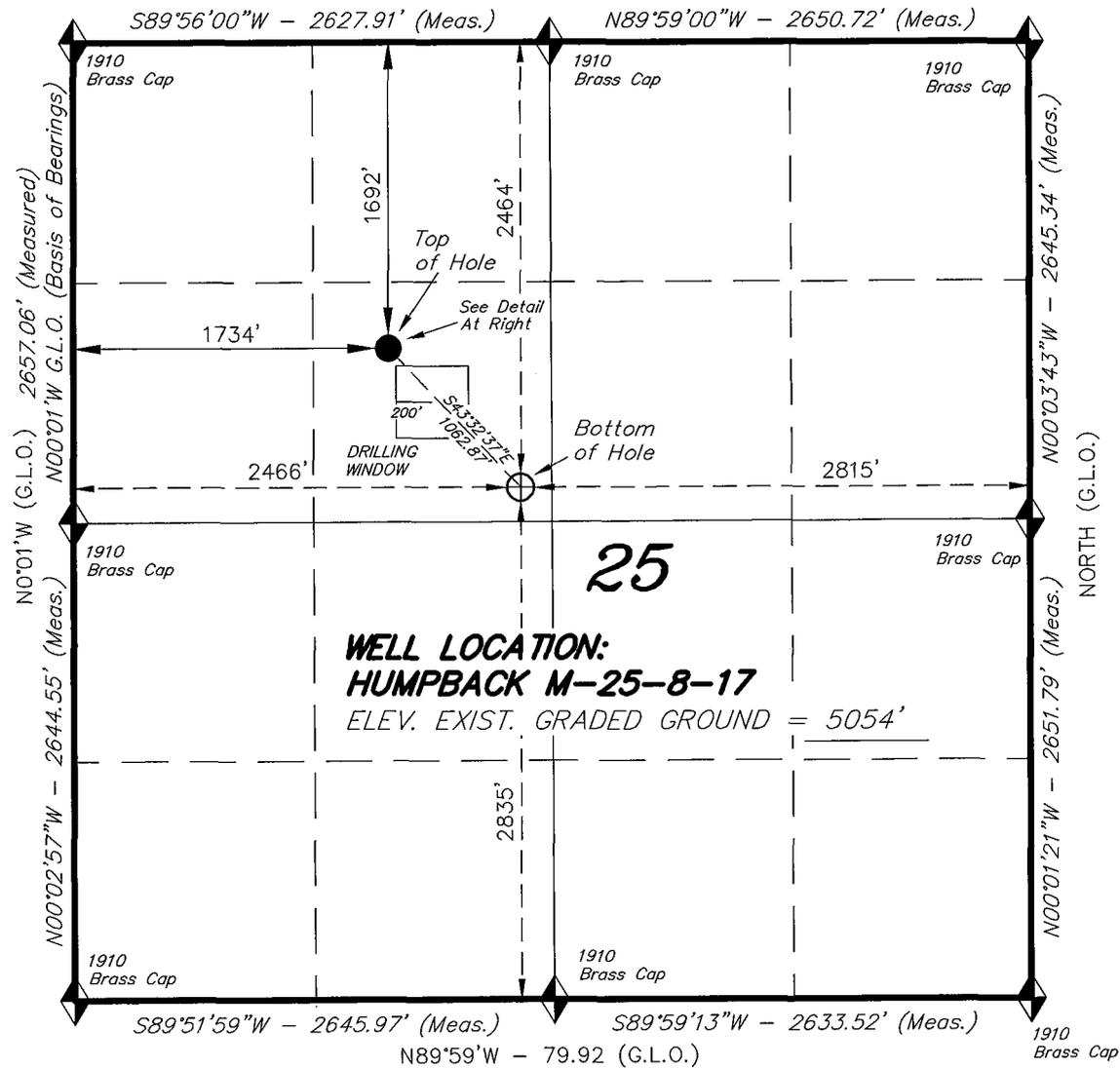
RECEIVED
MAR 18 2008
DIV. OF OIL, GAS & MINING

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

N89°58'W - 79.90 (G.L.O.)

NEWFIELD PRODUCTION COMPANY

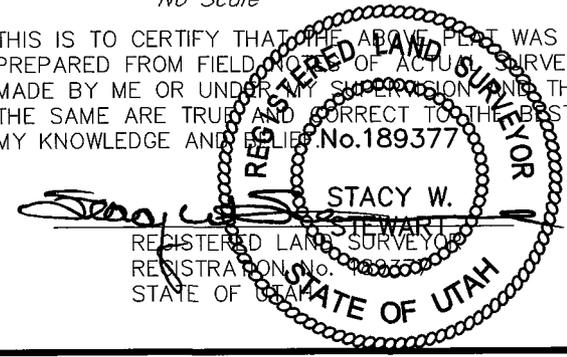
WELL LOCATION, HUMPBACK M-25-8-17,
LOCATED AS SHOWN IN THE SE 1/4 NW
1/4 OF SECTION 25, T8S, R17E,
S.L.B.&M. UTAH COUNTY, UTAH.



Detail
No Scale



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: 12-20-07	SURVEYED BY: D.G.
DATE DRAWN: 01-02-08	DRAWN BY: F.T.M.
REVISED: L.C.S. 02-15-08	SCALE: 1" = 1000'

◆ = SECTION CORNERS LOCATED

HUMPBACK M-25-8-17
(Surface Location) NAD 83
LATITUDE = 40° 05' 29.84"
LONGITUDE = 109° 57' 29.36"

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

NEWFIELD PRODUCTION COMPANY
HUMPBACK FEDERAL #M-25-8-17
AT SURFACE: SE/NW SECTION 25, T8S, R17E
UINTAH COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 1756'
Green River	1756'
Wasatch	6585'

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

Green River Formation 1756' – 6585' - 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
HUMPBACK FEDERAL #M-25-8-17
AT SURFACE: SE/NW SECTION 25, T8S, R17E
UINTAH COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Humpback Federal #M-25-8-17 located in the SE 1/4 NW 1/4 Section 25, T8S, R17E, Uintah 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 - 6.8 miles \pm to its junction with an existing dirt road to the east; proceed in a easterly direction - 6.0 miles \pm to its junction with the beginning of the access road to the existing Federal 22-25-8-17 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 Federal 22-25-8-17 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 Federal 22-25-8-17 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Humpback Federal M-25-8-17. 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 Humpback Federal M-25-8-17 will be drilled off of the existing Federal 22-25-8-17 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**

Newfield Production Company requests 350' of disturbed area be granted in Lease UTU-67845 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP. In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

The Archaeological Resource Survey and Paleontological Resource Survey for the 350' of proposed water injection pipeline will be forthcoming.

Water Disposal

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

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

Threatened, Endangered, And Other Sensitive Species

A cactus survey must be conducted prior to construction of the water line for the proposed Humpback Federal M-25-8-17.

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>	3 lbs/acre
Siberian Wheatgrass	<i>Agropyron Fragile</i>	1 lbs/acre
Gardner Saltbush	<i>Atriplex Gardneri</i>	0.5 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	0.5 lbs/acre
Fourwing Saltbush	<i>Atriplex Canescens</i>	0.5 lbs/acre
Scarlet Globemallow	<i>Sphaeralcea Conccinea</i>	0.10 lbs/acre

Details of the On-Site Inspection

The proposed Humpback Federal M-25-8-17 was on-sited on 2/28/08. The following were present; Dave Allred (Newfield Production), Kevan Stevens (Newfield Production), Michael Cutler (Bureau of Land Management), and Dave Gordon (Bureau of Land Management). Weather conditions were clear and ground covered by snow.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

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

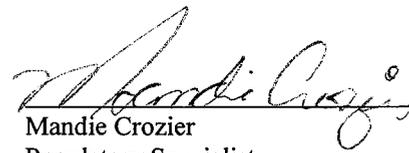
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #M-25-8-17 Section 25, Township 8S, Range 17E: Lease UTU-67845 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

3/14/08

Date



Mandie Crozier
Regulatory Specialist
Newfield Production Company



Scientific Drilling
Rocky Mountain Operations

Project: Uintah County, UT NAD83 UTC
Site: Humpback
Well: Humpback M-25-8-17
Wellbore: OH
Design: Plan #1

Newfield Exploration Co.

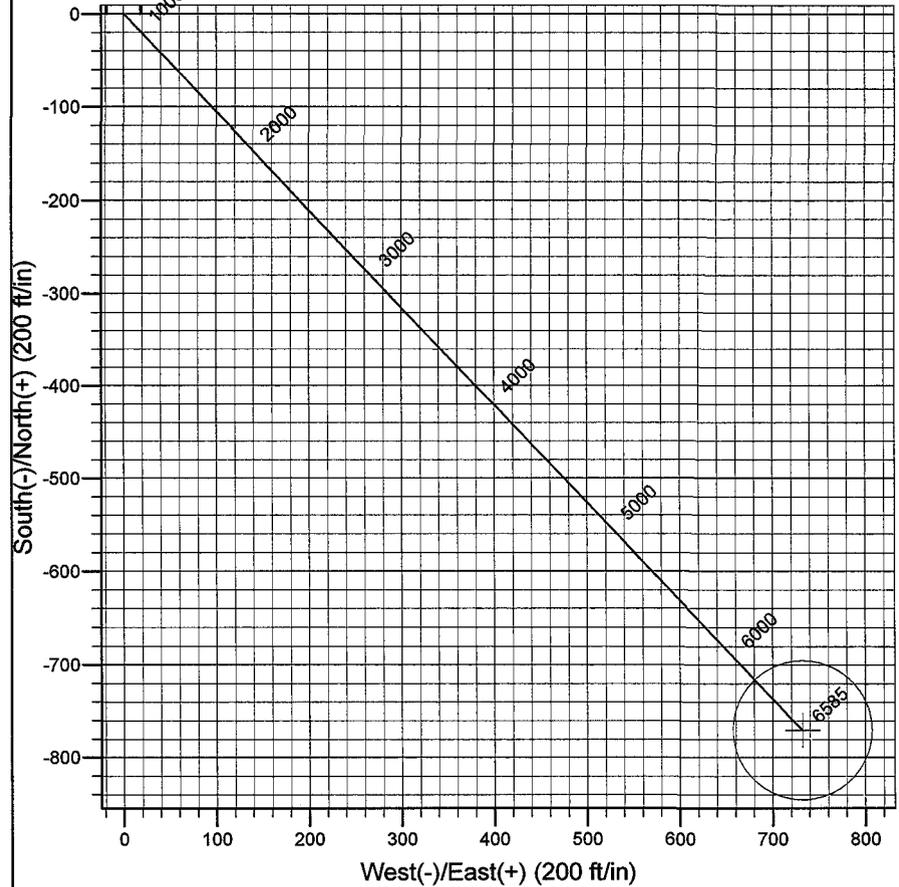
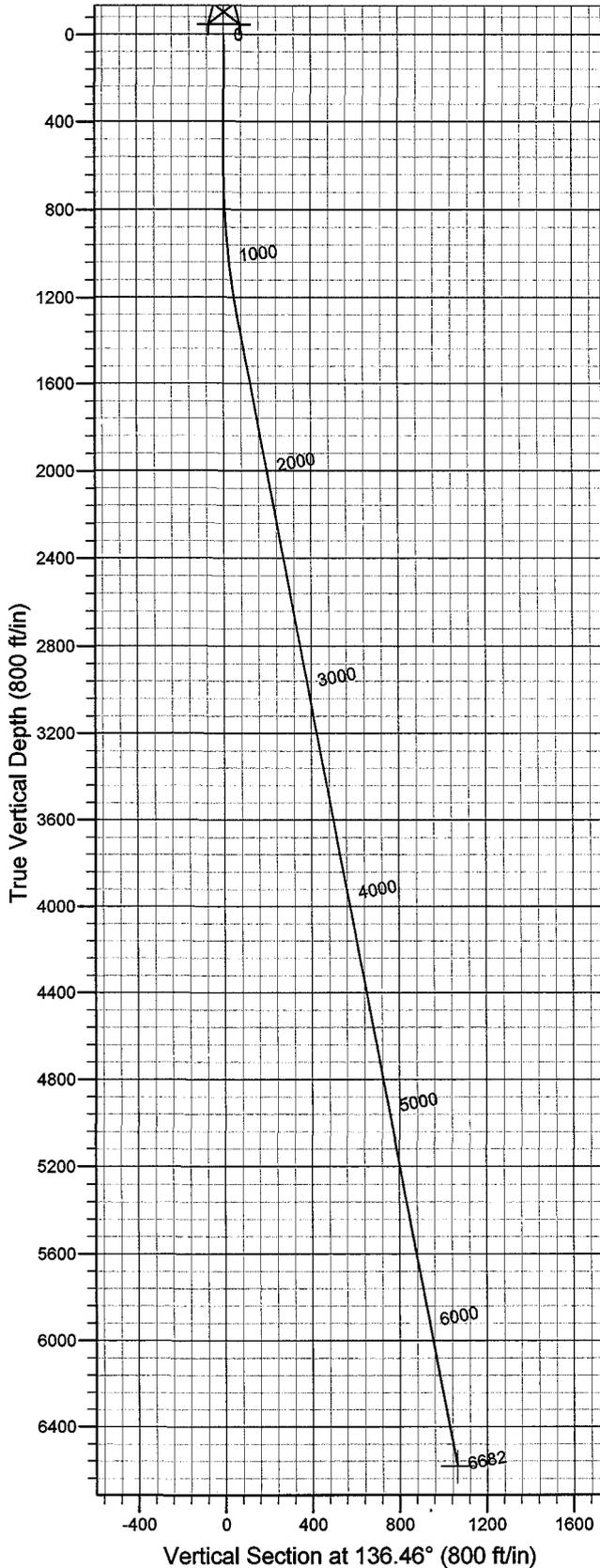


Azimuths to True North
Magnetic North: 11.69°

Magnetic Field
Strength: 52664.7snT
Dip Angle: 65.94°
Date: 2008-02-25
Model: IGRF2005-10

WELL DETAILS: Humpback M-25-8-17

GL 5054' & RKB 12' @ 5066.00ft (NDSI 2) 5054.00
+N/-S +E/-W Northing Easting Latitude Longitude
0.00 0.00 7205829.64 2071750.01 40° 5' 29.840 N 109° 57' 29.360 W



Plan: Plan #1 (Humpback M-25-8-17/OH)
Created By: Julie Cruse Date: 2008-02-26
PROJECT DETAILS: Uintah 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 North

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
3	1313.04	10.70	136.46	1308.91	-48.10	45.71	1.50	136.46	66.36	
4	6682.42	10.70	136.46	6585.00	-770.47	732.17	0.00	0.00	1062.87	H M-25-8-17 PBHL

Newfield Exploration Co.

Uintah County, UT NAD83 UTC

Humpback

Humpback M-25-8-17

OH

Plan: Plan #1

Standard Planning Report

26 February, 2008

Scientific Drilling

Planning Report

Database: EDM 2003.16 Single User Db
Company: Newfield Exploration Co.
Project: Uintah County, UT NAD83 UTC
Site: Humpback
Well: Humpback M-25-8-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Humpback M-25-8-17
TVD Reference: GL 5054' & RKB 12' @ 5066.00ft (NDSI 2)
MD Reference: GL 5054' & RKB 12' @ 5066.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Project	Uintah 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	Humpback				
Site Position:		Northing:	7,205,829.64 ft	Latitude:	40° 5' 29.840 N
From:	Lat/Long	Easting:	2,071,750.01 ft	Longitude:	109° 57' 29.360 W
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence:	0.99 °

Well	Humpback M-25-8-17, 1692' FNL 1734' FWL Sec 25 T8S R17E					
Well Position	+N/-S	0.00 ft	Northing:	7,205,829.64 ft	Latitude:	40° 5' 29.840 N
	+E/-W	0.00 ft	Easting:	2,071,750.01 ft	Longitude:	109° 57' 29.360 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,054.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2008-02-25	11.69	65.94	52,665

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	136.46	

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Buld 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	
1,313.04	10.70	136.46	1,308.91	-48.10	45.71	1.50	1.50	0.00	136.46	
6,682.42	10.70	136.46	6,585.00	-770.47	732.17	0.00	0.00	0.00	0.00	H M-25-8-17 PBHL

Scientific Drilling

Planning Report

Database: EDM 2003.16 Single User Db
Company: Newfield Exploration Co.
Project: Uintah County, UT NAD83 UTC
Site: Humpback
Well: Humpback M-25-8-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Humpback M-25-8-17
TVD Reference: GL 5054' & RKB 12' @ 5066.00ft (NDSI 2)
MD Reference: GL 5054' & RKB 12' @ 5066.00ft (NDSI 2)
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	136.46	699.99	-0.95	0.90	1.31	1.50	1.50	0.00
800.00	3.00	136.46	799.91	-3.79	3.61	5.23	1.50	1.50	0.00
900.00	4.50	136.46	899.69	-8.54	8.11	11.77	1.50	1.50	0.00
1,000.00	6.00	136.46	999.27	-15.17	14.41	20.92	1.50	1.50	0.00
1,100.00	7.50	136.46	1,098.57	-23.69	22.51	32.68	1.50	1.50	0.00
1,200.00	9.00	136.46	1,197.54	-34.09	32.40	47.03	1.50	1.50	0.00
1,300.00	10.50	136.46	1,296.09	-46.37	44.06	63.96	1.50	1.50	0.00
1,313.04	10.70	136.46	1,308.91	-48.10	45.71	66.36	1.50	1.50	0.00
1,400.00	10.70	136.46	1,394.36	-59.80	56.83	82.50	0.00	0.00	0.00
1,500.00	10.70	136.46	1,492.62	-73.26	69.61	101.06	0.00	0.00	0.00
1,600.00	10.70	136.46	1,590.88	-86.71	82.40	119.62	0.00	0.00	0.00
1,700.00	10.70	136.46	1,689.14	-100.16	95.18	138.18	0.00	0.00	0.00
1,800.00	10.70	136.46	1,787.41	-113.62	107.97	156.74	0.00	0.00	0.00
1,900.00	10.70	136.46	1,885.67	-127.07	120.75	175.29	0.00	0.00	0.00
2,000.00	10.70	136.46	1,983.93	-140.52	133.54	193.85	0.00	0.00	0.00
2,100.00	10.70	136.46	2,082.19	-153.98	146.32	212.41	0.00	0.00	0.00
2,200.00	10.70	136.46	2,180.46	-167.43	159.11	230.97	0.00	0.00	0.00
2,300.00	10.70	136.46	2,278.72	-180.88	171.89	249.53	0.00	0.00	0.00
2,400.00	10.70	136.46	2,376.98	-194.34	184.68	268.09	0.00	0.00	0.00
2,500.00	10.70	136.46	2,475.24	-207.79	197.46	286.65	0.00	0.00	0.00
2,600.00	10.70	136.46	2,573.51	-221.24	210.25	305.21	0.00	0.00	0.00
2,700.00	10.70	136.46	2,671.77	-234.70	223.03	323.77	0.00	0.00	0.00
2,800.00	10.70	136.46	2,770.03	-248.15	235.82	342.33	0.00	0.00	0.00
2,900.00	10.70	136.46	2,868.30	-261.60	248.60	360.89	0.00	0.00	0.00
3,000.00	10.70	136.46	2,966.56	-275.06	261.38	379.45	0.00	0.00	0.00
3,100.00	10.70	136.46	3,064.82	-288.51	274.17	398.00	0.00	0.00	0.00
3,200.00	10.70	136.46	3,163.08	-301.96	286.95	416.56	0.00	0.00	0.00
3,300.00	10.70	136.46	3,261.35	-315.42	299.74	435.12	0.00	0.00	0.00
3,400.00	10.70	136.46	3,359.61	-328.87	312.52	453.68	0.00	0.00	0.00
3,500.00	10.70	136.46	3,457.87	-342.32	325.31	472.24	0.00	0.00	0.00
3,600.00	10.70	136.46	3,556.13	-355.78	338.09	490.80	0.00	0.00	0.00
3,700.00	10.70	136.46	3,654.40	-369.23	350.88	509.36	0.00	0.00	0.00
3,800.00	10.70	136.46	3,752.66	-382.68	363.66	527.92	0.00	0.00	0.00
3,900.00	10.70	136.46	3,850.92	-396.14	376.45	546.48	0.00	0.00	0.00
4,000.00	10.70	136.46	3,949.19	-409.59	389.23	565.04	0.00	0.00	0.00
4,100.00	10.70	136.46	4,047.45	-423.04	402.02	583.60	0.00	0.00	0.00
4,200.00	10.70	136.46	4,145.71	-436.50	414.80	602.15	0.00	0.00	0.00
4,300.00	10.70	136.46	4,243.97	-449.95	427.59	620.71	0.00	0.00	0.00
4,400.00	10.70	136.46	4,342.24	-463.41	440.37	639.27	0.00	0.00	0.00
4,500.00	10.70	136.46	4,440.50	-476.86	453.15	657.83	0.00	0.00	0.00
4,600.00	10.70	136.46	4,538.76	-490.31	465.94	676.39	0.00	0.00	0.00
4,700.00	10.70	136.46	4,637.02	-503.77	478.72	694.95	0.00	0.00	0.00
4,800.00	10.70	136.46	4,735.29	-517.22	491.51	713.51	0.00	0.00	0.00
4,900.00	10.70	136.46	4,833.55	-530.67	504.29	732.07	0.00	0.00	0.00
5,000.00	10.70	136.46	4,931.81	-544.13	517.08	750.63	0.00	0.00	0.00
5,100.00	10.70	136.46	5,030.08	-557.58	529.86	769.19	0.00	0.00	0.00
5,200.00	10.70	136.46	5,128.34	-571.03	542.65	787.75	0.00	0.00	0.00

Scientific Drilling

Planning Report

Database: EDM 2003.16 Single User Db
Company: Newfield Exploration Co.
Project: Uintah County, UT NAD83 UTC
Site: Humpback
Well: Humpback M-25-8-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Humpback M-25-8-17
TVD Reference: GL 5054' & RKB 12' @ 5066.00ft (NDSI 2)
MD Reference: GL 5054' & RKB 12' @ 5066.00ft (NDSI 2)
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	10.70	136.46	5,226.60	-584.49	555.43	806.31	0.00	0.00	0.00
5,400.00	10.70	136.46	5,324.86	-597.94	568.22	824.86	0.00	0.00	0.00
5,500.00	10.70	136.46	5,423.13	-611.39	581.00	843.42	0.00	0.00	0.00
5,600.00	10.70	136.46	5,521.39	-624.85	593.79	861.98	0.00	0.00	0.00
5,700.00	10.70	136.46	5,619.65	-638.30	606.57	880.54	0.00	0.00	0.00
5,800.00	10.70	136.46	5,717.91	-651.75	619.36	899.10	0.00	0.00	0.00
5,900.00	10.70	136.46	5,816.18	-665.21	632.14	917.66	0.00	0.00	0.00
6,000.00	10.70	136.46	5,914.44	-678.66	644.92	936.22	0.00	0.00	0.00
6,100.00	10.70	136.46	6,012.70	-692.11	657.71	954.78	0.00	0.00	0.00
6,200.00	10.70	136.46	6,110.96	-705.57	670.49	973.34	0.00	0.00	0.00
6,300.00	10.70	136.46	6,209.23	-719.02	683.28	991.90	0.00	0.00	0.00
6,400.00	10.70	136.46	6,307.49	-732.47	696.06	1,010.46	0.00	0.00	0.00
6,500.00	10.70	136.46	6,405.75	-745.93	708.85	1,029.02	0.00	0.00	0.00
6,600.00	10.70	136.46	6,504.02	-759.38	721.63	1,047.57	0.00	0.00	0.00
6,682.42	10.70	136.46	6,585.00	-770.47	732.17	1,062.87	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
H M-25-8-17 PBHL - plan hits target center - Circle (radius 75.00)	0.00	0.00	6,585.00	-770.47	732.17	7,205,071.91	2,072,495.35	40° 5' 22.225 N	109° 57' 19.939 W

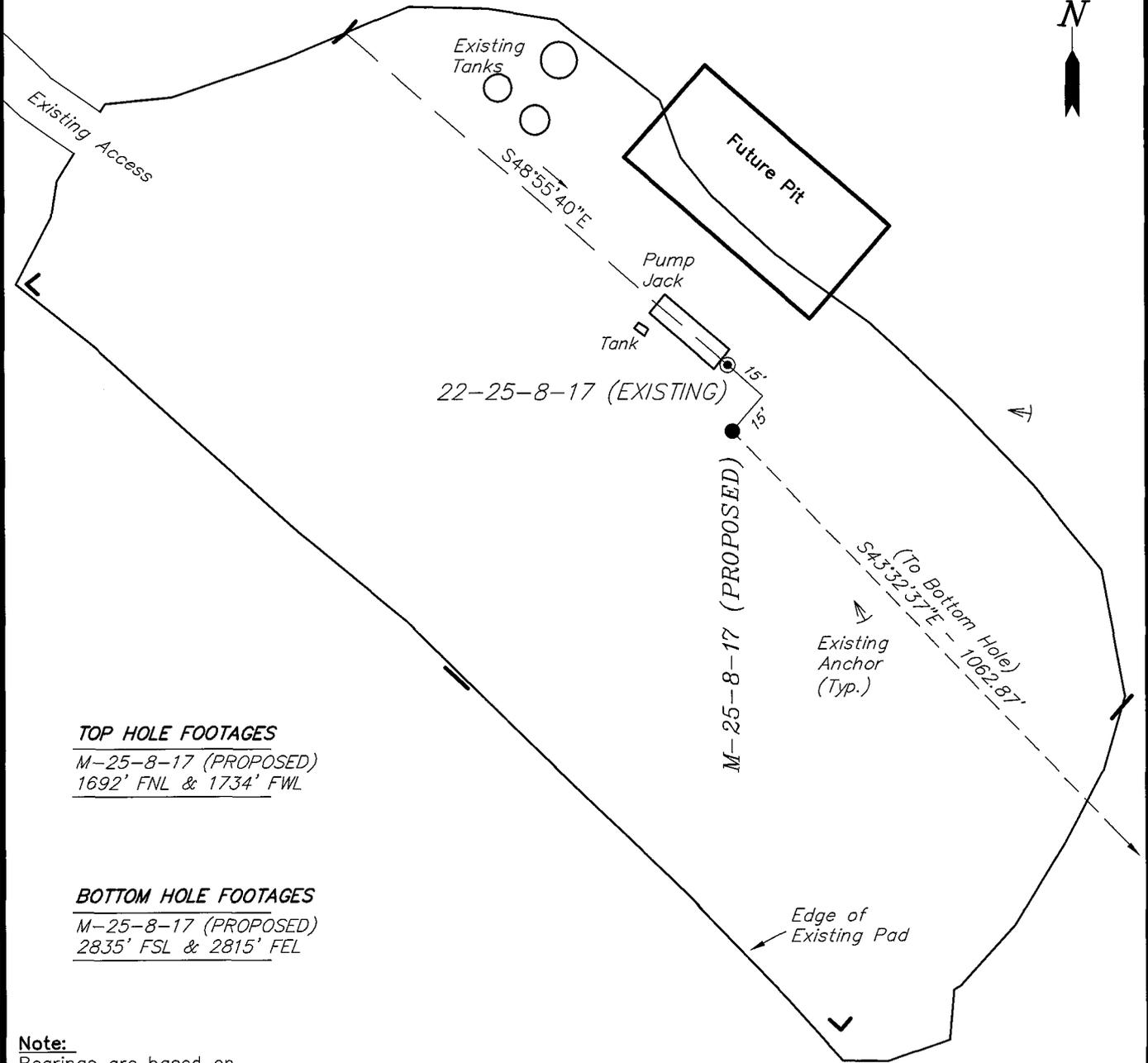
NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

HUMPBACK M-25-8-17 (Proposed Well)

HUMPBACK 22-25-8-17 (Existing Well)

Pad Location: SENW Section 25, T8S, R17E, S.L.B.&M.



TOP HOLE FOOTAGES

M-25-8-17 (PROPOSED)
1692' FNL & 1734' FWL

BOTTOM HOLE FOOTAGES

M-25-8-17 (PROPOSED)
2835' FSL & 2815' FEL

Note:

Bearings are based on GLO Information.

RELATIVE COORDINATES
From top hole to bottom hole

WELL	NORTH	EAST
M-25-8-17	-770'	732'

LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
M-25-8-17	40° 05' 29.84"	109° 57' 29.36"
22-25-8-17	40° 05' 30.05"	109° 57' 29.38"

SURVEYED BY: D.G.	DATE SURVEYED: 12-20-07
DRAWN BY: F.T.M.	DATE DRAWN: 01-02-08
SCALE: 1" = 50'	REVISED: L.C.S. 02-15-08

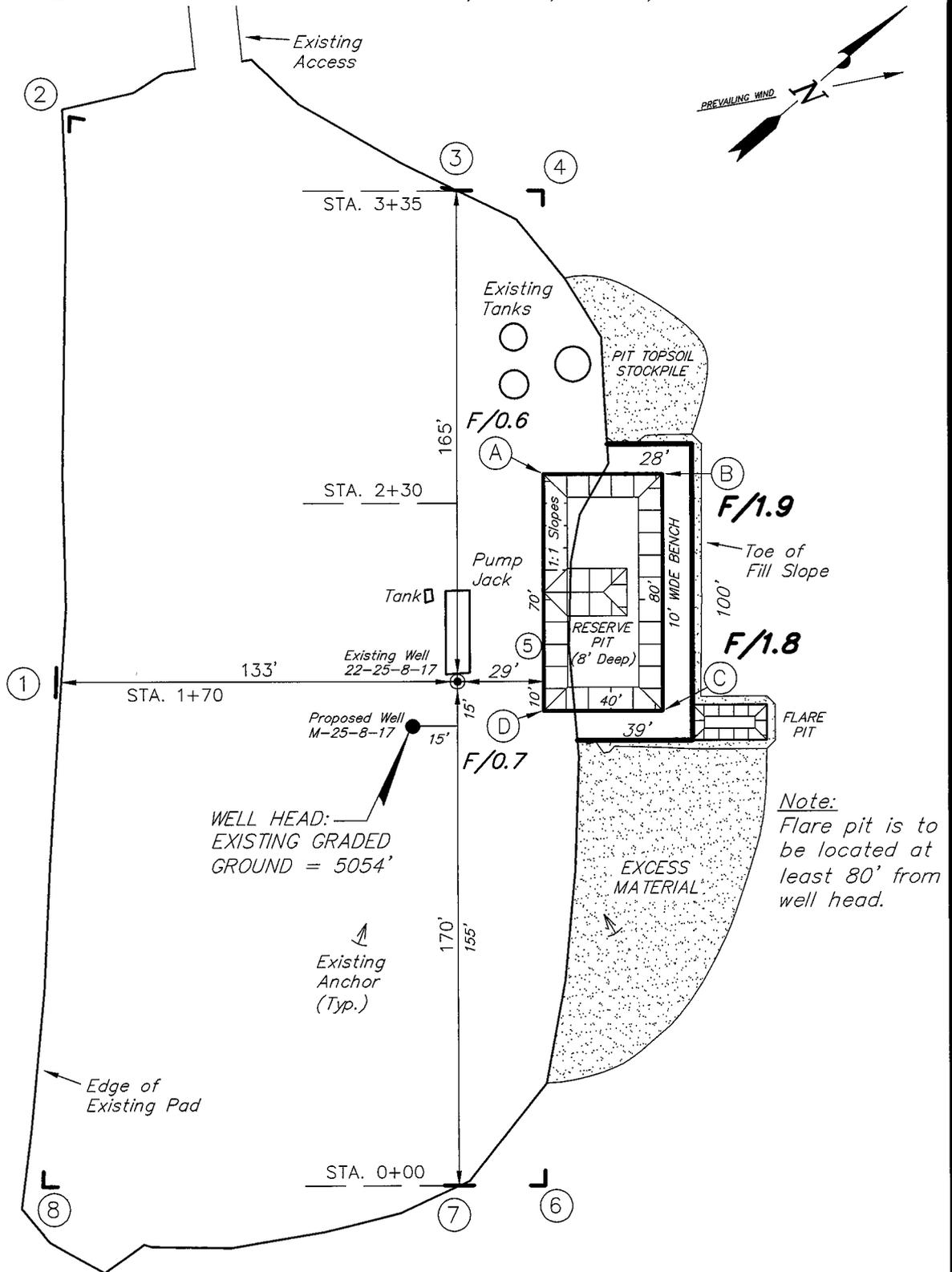
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

HUMPBACK M-25-8-17 (Proposed Well)

HUMPBACK 22-25-8-17 (Existing Well)

Pad Location: SENW Section 25, T8S, R17E, S.L.B.&M.



SURVEYED BY: D.G.	DATE SURVEYED: 12-19-07
DRAWN BY: F.T.M.	DATE DRAWN: 01-02-08
SCALE: 1" = 50'	REVISED:

(435) 781-2501

Tri State
Land Surveying, Inc.

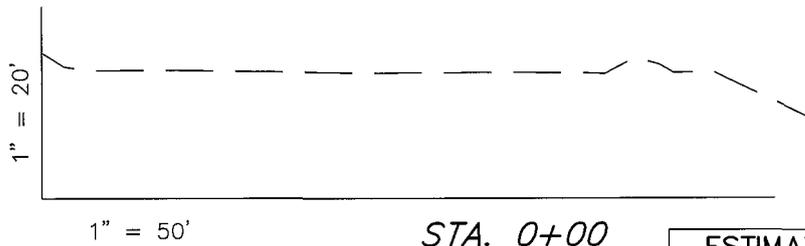
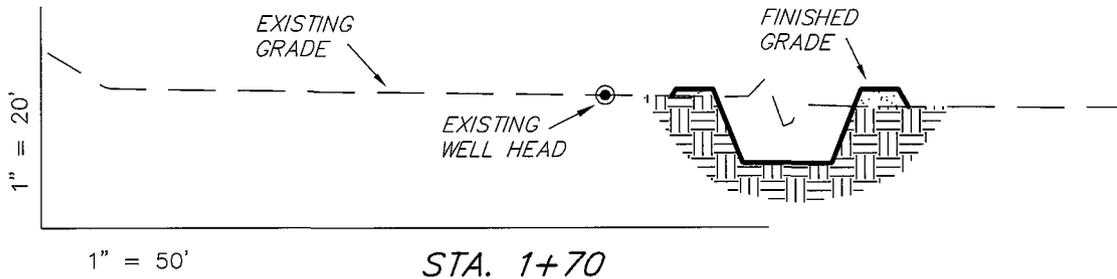
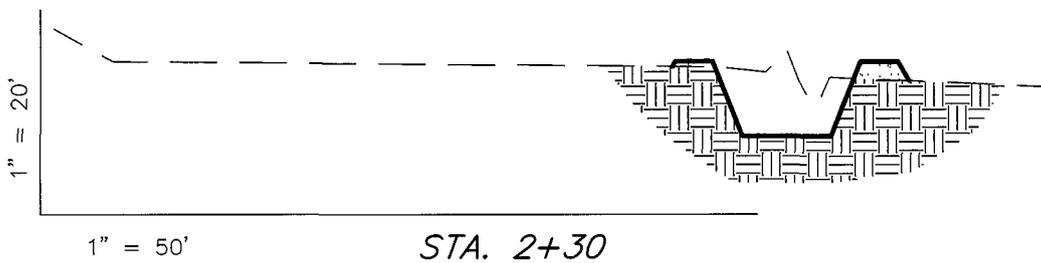
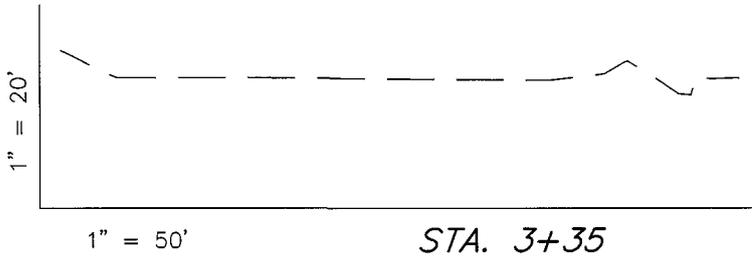
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

HUMPBACK M-25-8-17 (Proposed Well)

HUMPBACK 22-25-8-17 (Existing Well)



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

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	0	180	Topsoil is not included in Pad Cut	-180
PIT	480	0		480
TOTALS	480	180	130	300

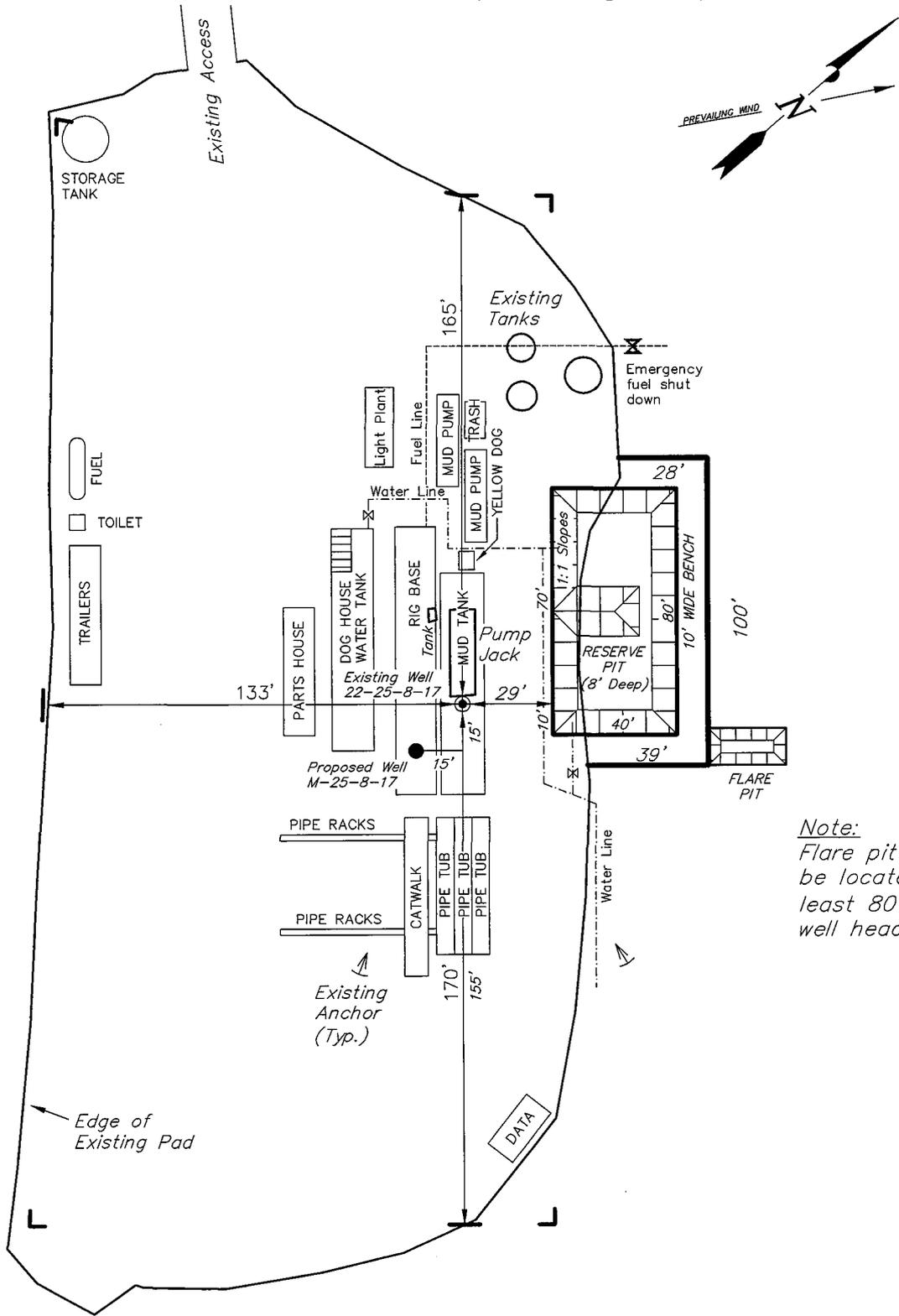
SURVEYED BY: D.G.	DATE SURVEYED: 12-19-07
DRAWN BY: F.T.M.	DATE DRAWN: 01-02-08
SCALE: 1" = 50'	REVISED:

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

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

HUMPBACK M-25-8-17 (Proposed Well)
 HUMPBACK 22-25-8-17 (Existing Well)



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

SURVEYED BY: D.G.	DATE SURVEYED: 12-19-07
DRAWN BY: F.T.M.	DATE DRAWN: 01-02-08
SCALE: 1" = 50'	REVISED:

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

Newfield Production Company Proposed Site Facility Diagram

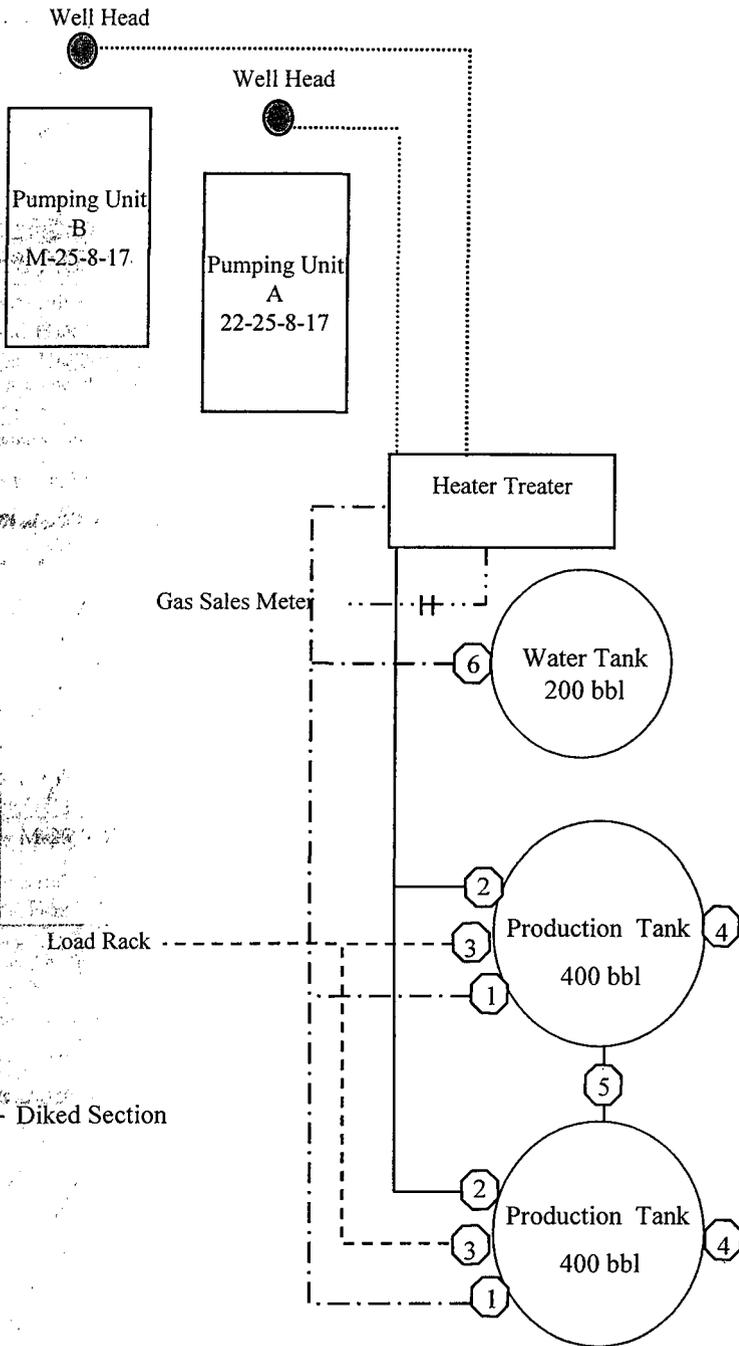
Humpback Federal M-25-8-17

From the 22-25-8-17 Location

SE/NW Sec. 25 T8S, R17E

Uintah County, Utah

UTU-67845



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:

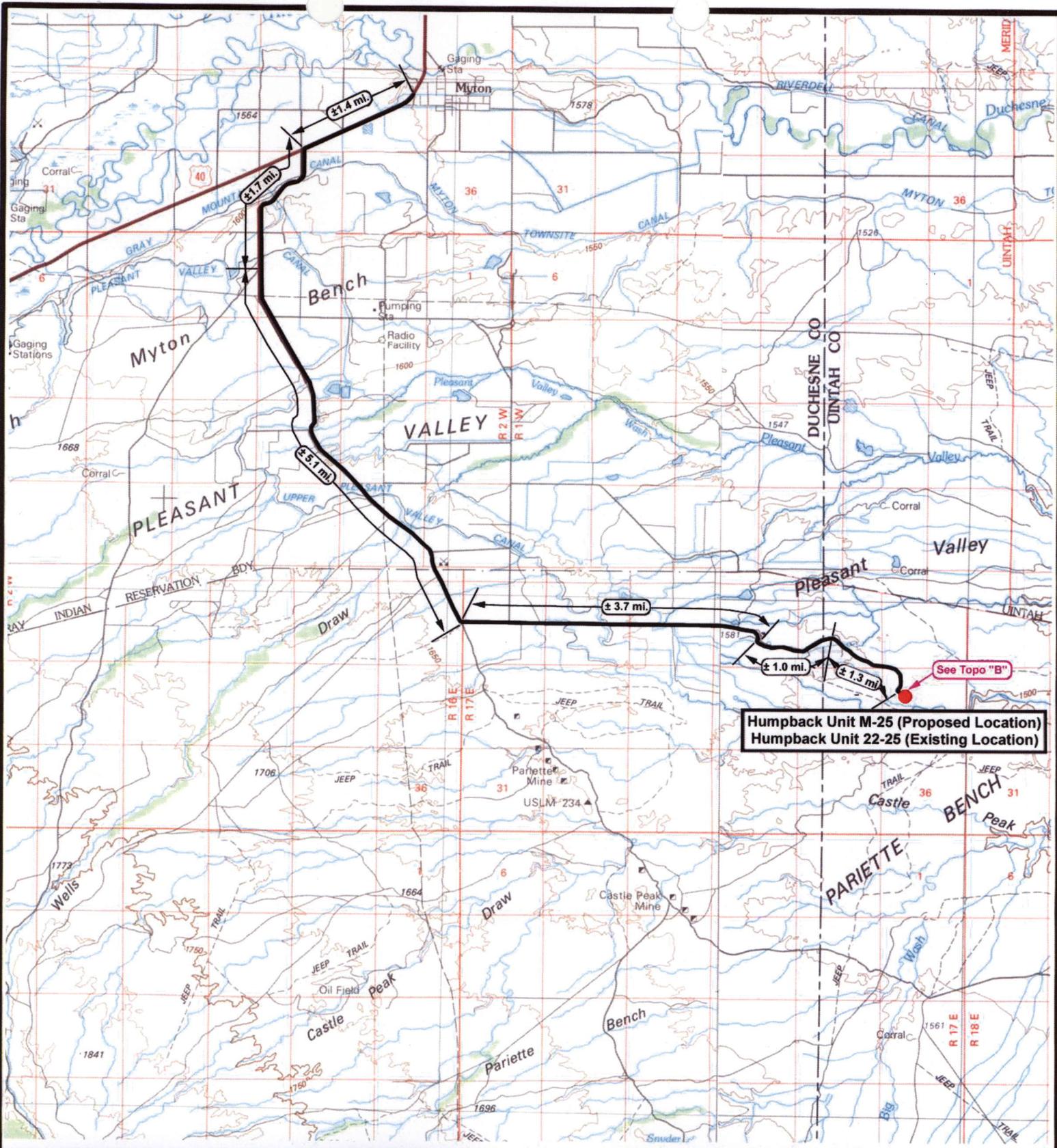
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open

Legend

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



Humpback Unit M-25 (Proposed Location)
Humpback Unit 22-25 (Existing Location)

See Topo "B"



NEWFIELD
Exploration Company

Humpback Unit M-25-8-17 (Proposed Unit)
Humpback Unit 22-25-8-17 (Existing Location)
Pad Location SENW SEC. 25, T8S, R17E, S.L.B.&M.




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

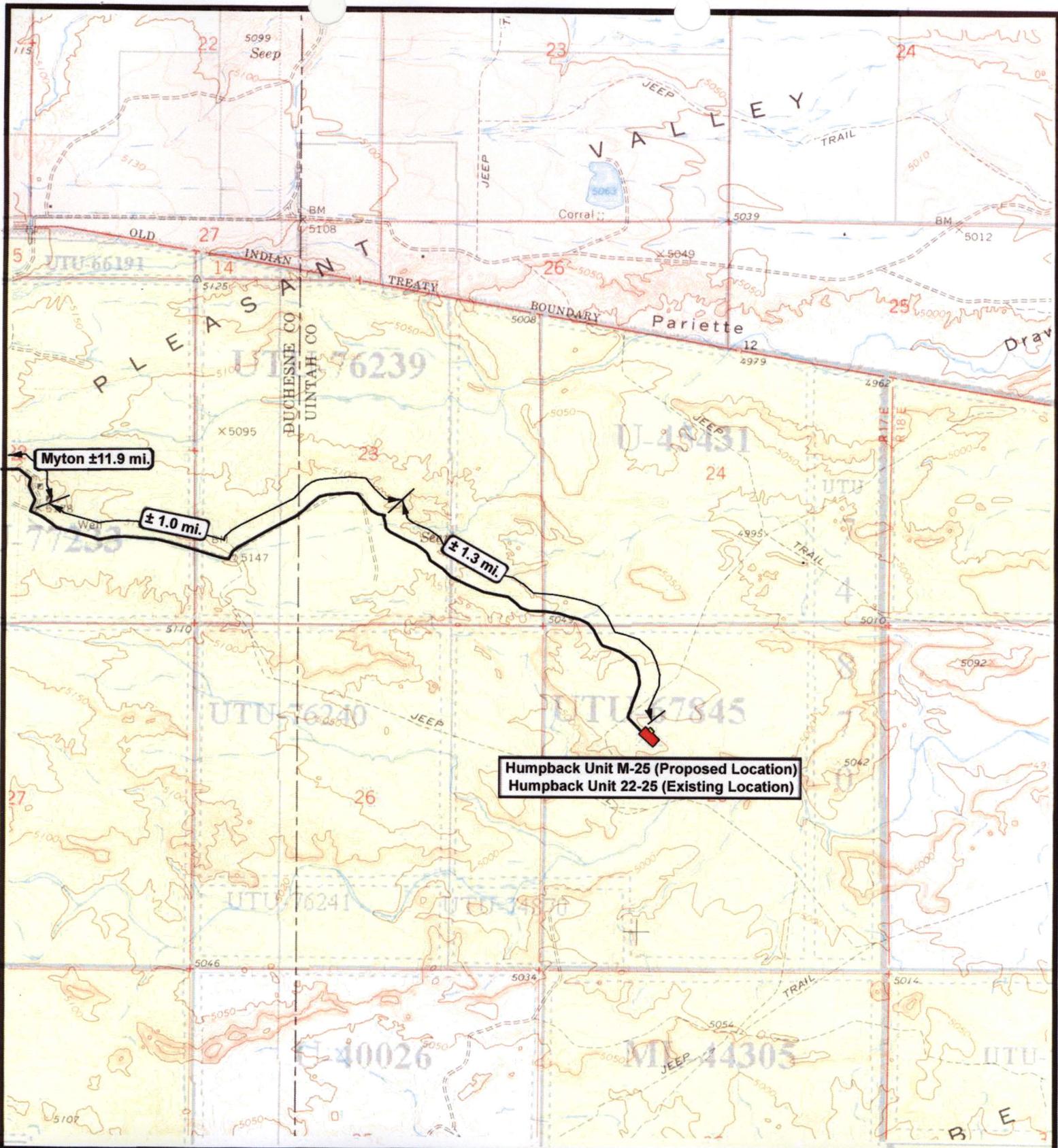
SCALE: 1:100,000'
 DRAWN BY: nc
 DATE: 01-23-2008

Legend

— Existing Road

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

Humpback Unit M-25-8-17 (Proposed Unit)
Humpback Unit 22-25-8-17 (Existing Location)
Pad Location SENW SEC. 25, T8S, R17E, S.L.B.&M.



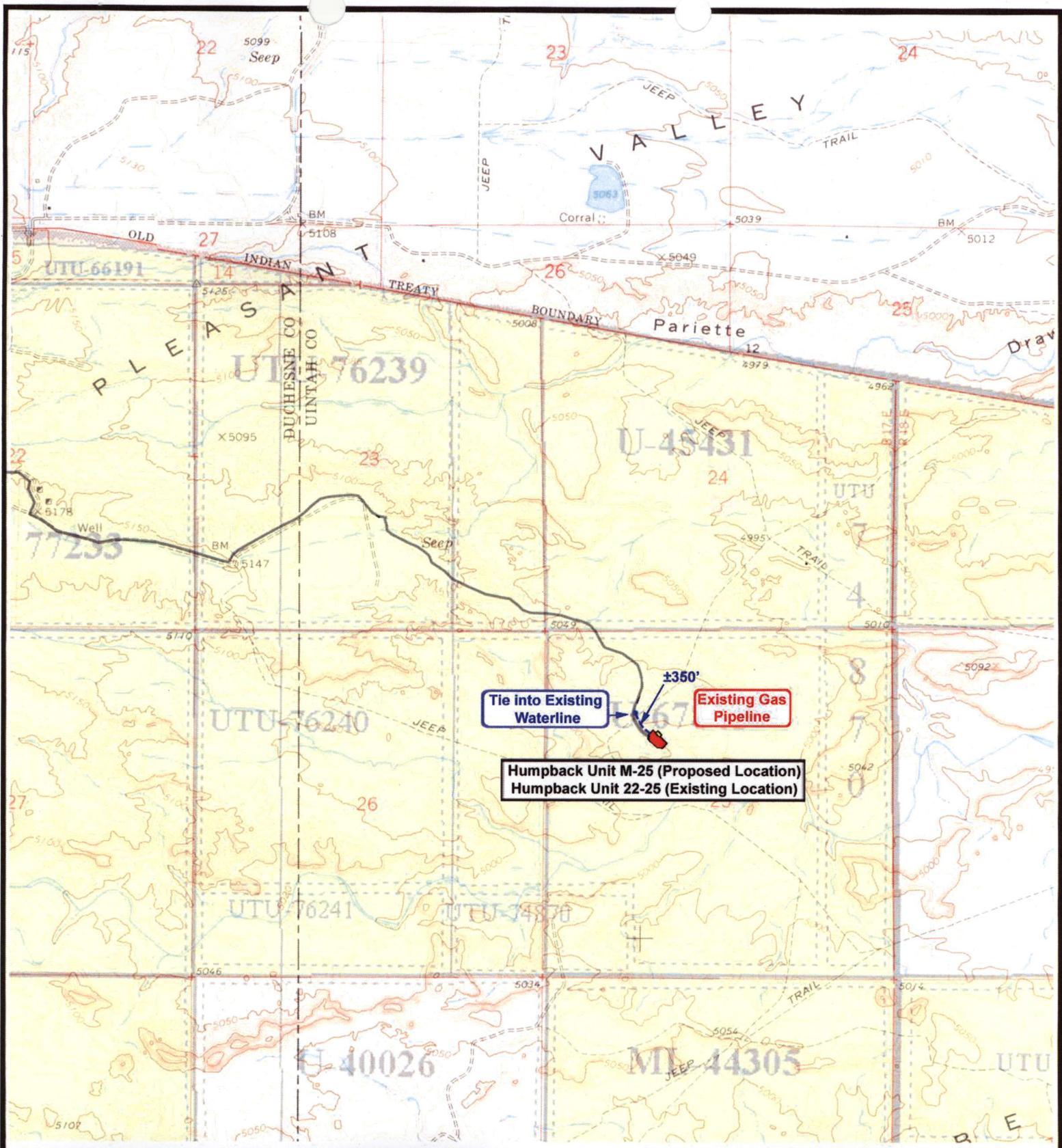
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1"=2,000'
DRAWN BY: nc
DATE: 01-10-2008

Legend

Existing Road

TOPOGRAPHIC MAP
"B"




NEWFIELD
Exploration Company

Humpback Unit M-25-8-17 (Proposed Unit)
Humpback Unit 22-25-8-17 (Existing Location)
 Pad Location SENW SEC. 25, T8S, R17E, S.L.B.&M.



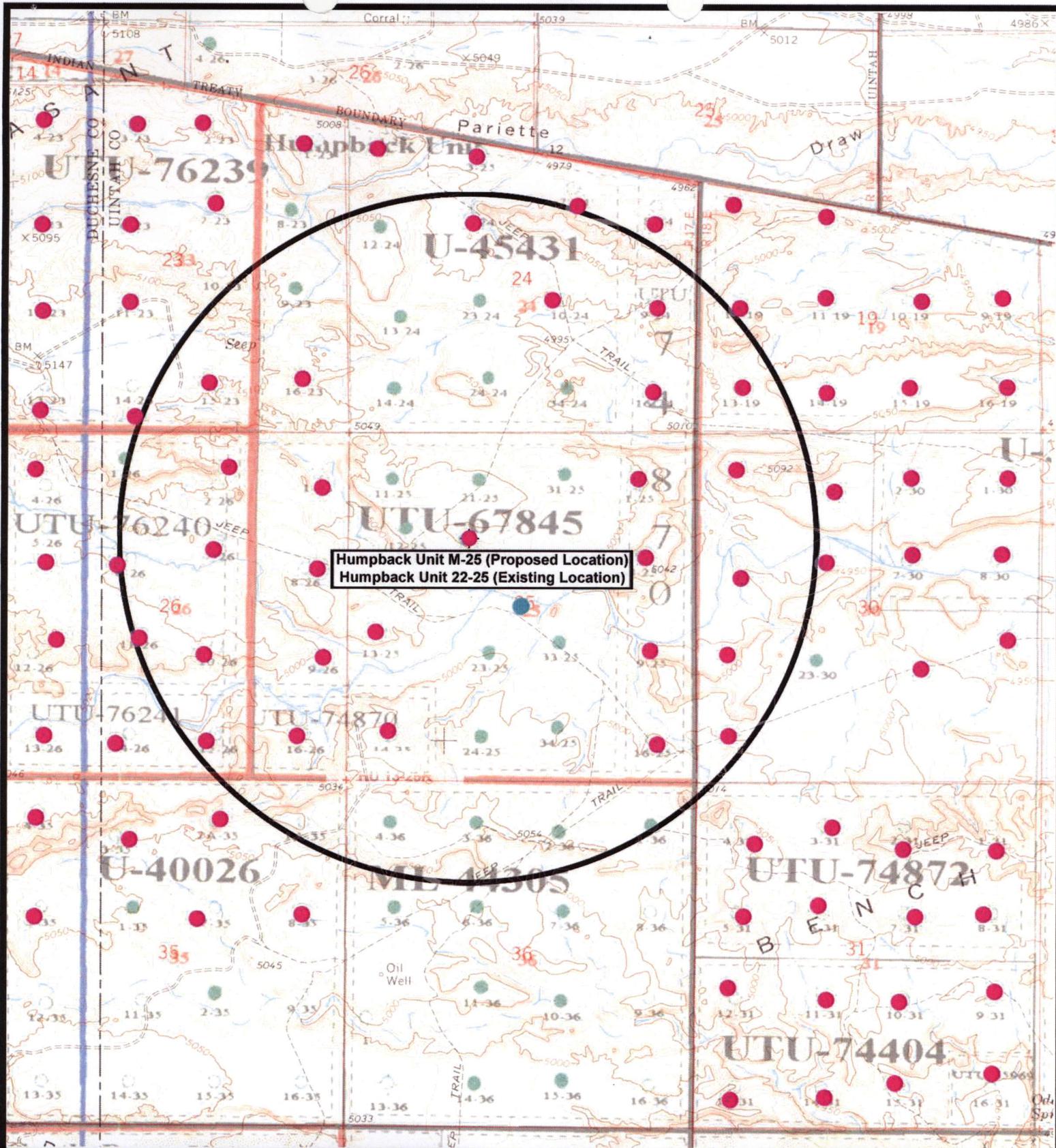

Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1"=2,000'
 DRAWN BY: nc
 DATE: 01-10-2008

Legend

-  Roads
-  Proposed Water Line

TOPOGRAPHIC MAP
"C"



Humpback Unit M-25 (Proposed Location)
 Humpback Unit 22-25 (Existing Location)



NEWFIELD
 Exploration Company

Humpback Unit M-25-8-17 (Proposed Unit)
Humpback Unit 22-25-8-17 (Existing Location)
 Pad Location SENW SEC. 25, T8S, R17E, S.L.B.&M.




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

SCALE: 1" = 2,000'
 DRAWN BY: nc
 DATE: 01-10-2008

Legend

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

Exhibit "B"

2-M SYSTEM
Blowout Prevention Equipment Systems

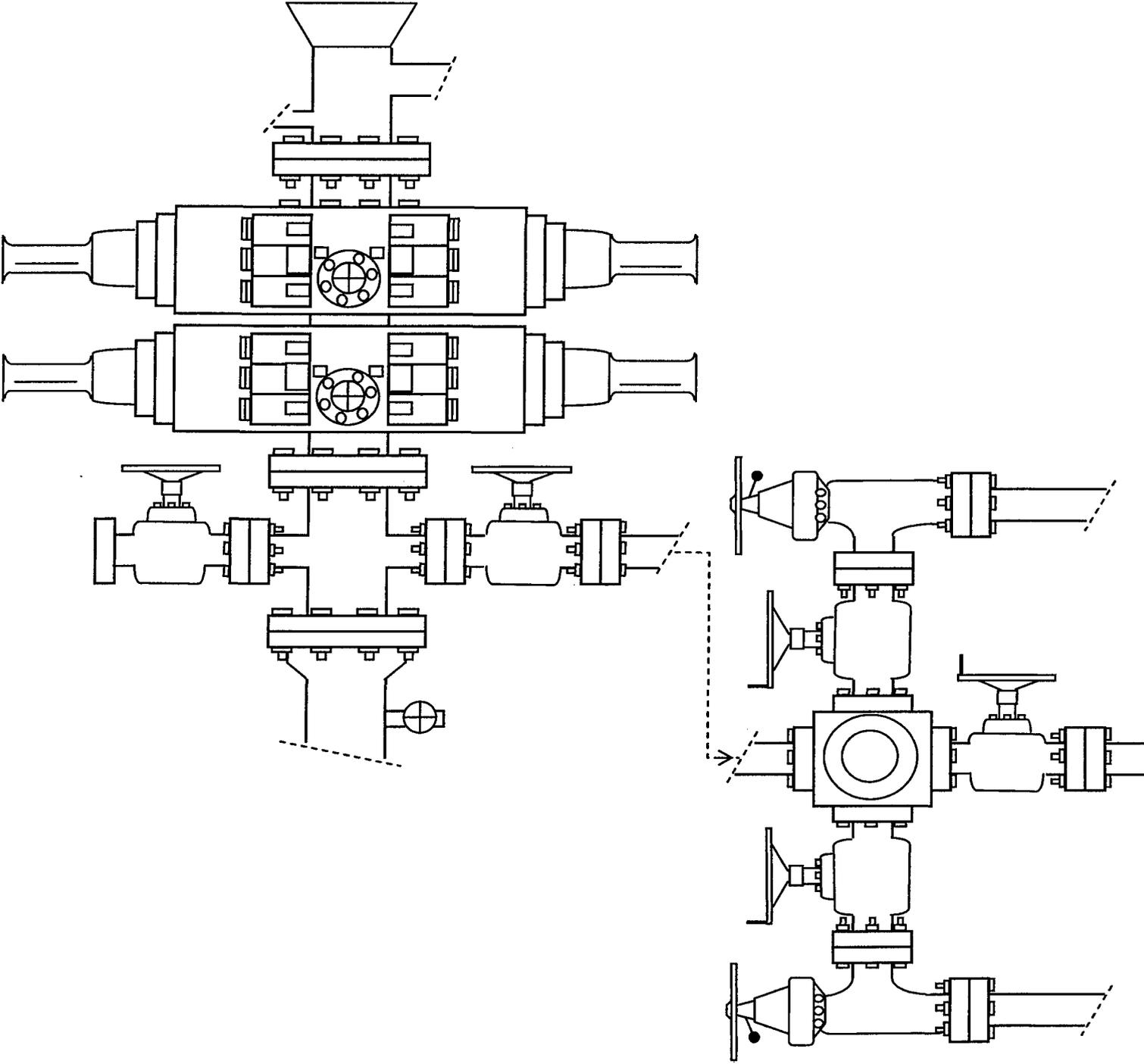


EXHIBIT C

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 03/18/2008

API NO. ASSIGNED: 43-047-39972

WELL NAME: HUMPBAC FED M-25-8-17
 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 25 080S 170E
 SURFACE: 1692 FNL 1734 FWL
 BOTTOM: 2464 FNL 2466 FWL
 COUNTY: UINTAH
 LATITUDE: 40.09150 LONGITUDE: -109.9574
 UTM SURF EASTINGS: 588882 NORTHINGS: 4438223
 FIELD NAME: MONUMENT BUTTE (105)

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-67845
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

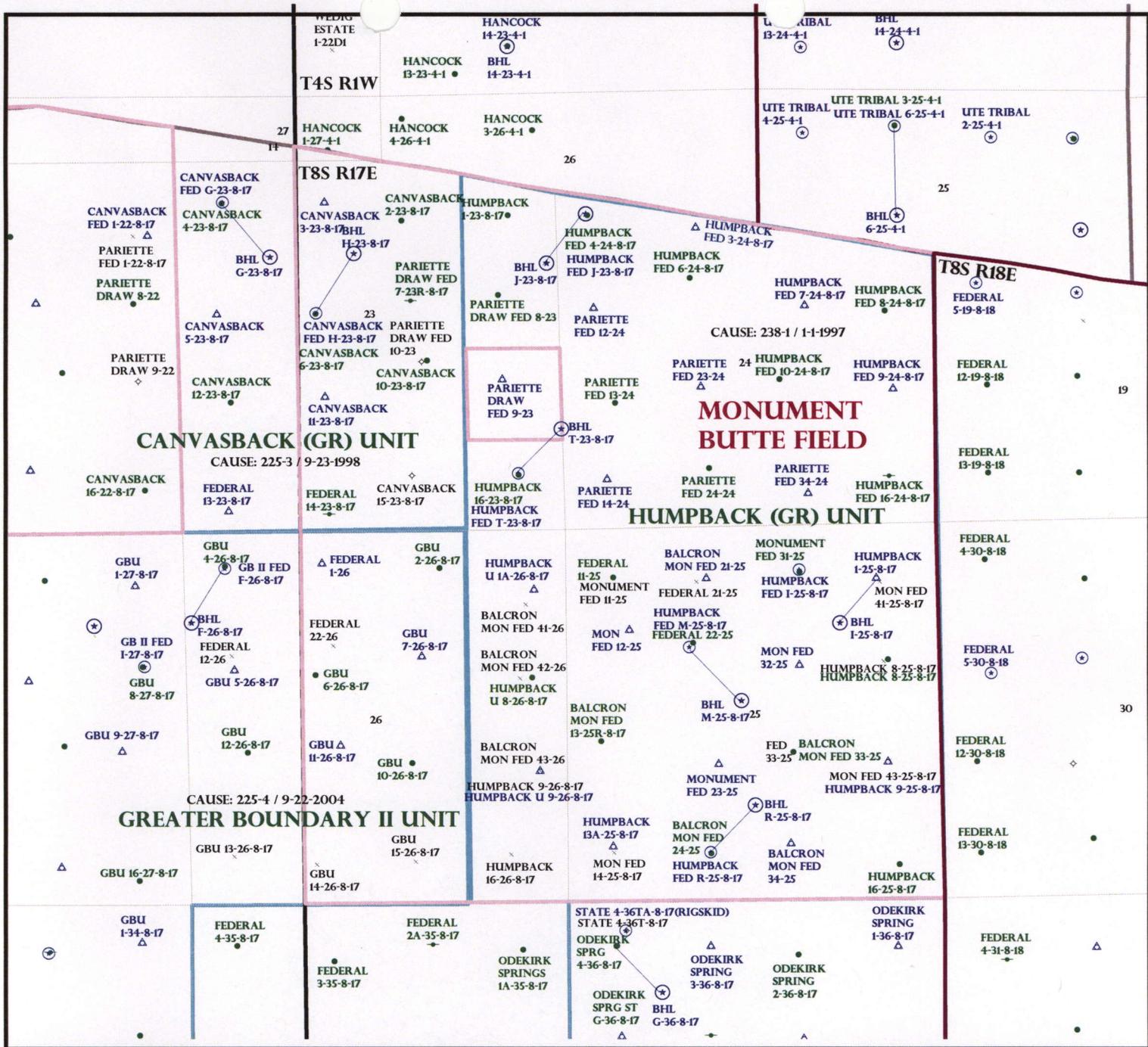
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WYB000493)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-10136)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit: HUMPBAC (GRRV)
- R649-3-2. General
- Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 238-1
Eff Date: 1-1-1997
Siting: Does not suspend general siting
- R649-3-11. Directional Drill

COMMENTS: See Separate file

STIPULATIONS: 1- Federal Approval



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 23,24,25 T.8S R. 17E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 238-1 / 1-1-1997

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



OIL, GAS & MINING



PREPARED BY: DIANA MASON
DATE: 26-MARCH-2008



March 24, 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
Humpback Federal M-25-8-17
Humpback Unit
UTU-76189X
Surface Hole: T8S R17E, Section 25: SENW
1692' FNL 1734' FWL
Bottom Hole: T8S R17E, Section 25
2464' FNL 2466' FWL
Uintah County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated March 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 target location of this well are both within the boundaries of the Humpback Federal Unit UTU-76189X. Newfield certifies that it is the Humpback Unit Operator and all lands within 460 feet of the entire directional well bore are within the Humpback Unit.

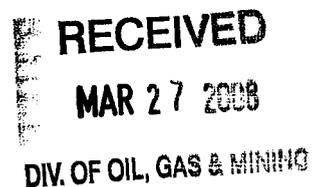
NPC is permitting this well as a directional well in order to minimize surface disturbance. By directionally drilling from the referenced surface location, NPC will be able to utilize the existing roads and pipelines in this area.

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



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-67845

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

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

8. Lease Name and Well No.
Humpback Federal M-25-8-17

9. API Well No.

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
Sec. 25, T8S R17E

12. County or Parish
Uintah

13. State
UT

1a. Type of Work: DRILL REENTER

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

2. Name of Operator
Newfield Production Company

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface SE/NW 1692' FNL 1734' FWL
At proposed prod. zone 2464' FNL 2466' FWL

14. Distance in miles and direction from nearest town or post office*
Approximatley 14.2 miles southeast of Myton, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1495' f/lse, 2815' f/unit

16. No. of Acres in lease
560.00

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. 1490'

19. Proposed Depth
6585'

20. BLM/BIA Bond No. on file
WYB000493

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5054' GL

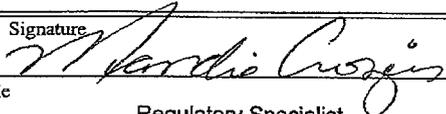
22. Approximate date work will start*
2 nd Quarter 2008

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:

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

25. Signature  Name (Printed/Typed) Mandie Crozier Date 3/14/08

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)

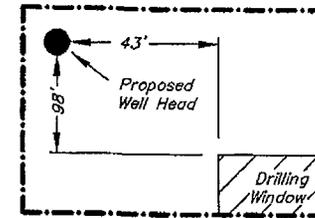
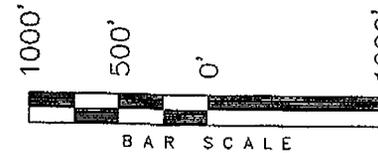
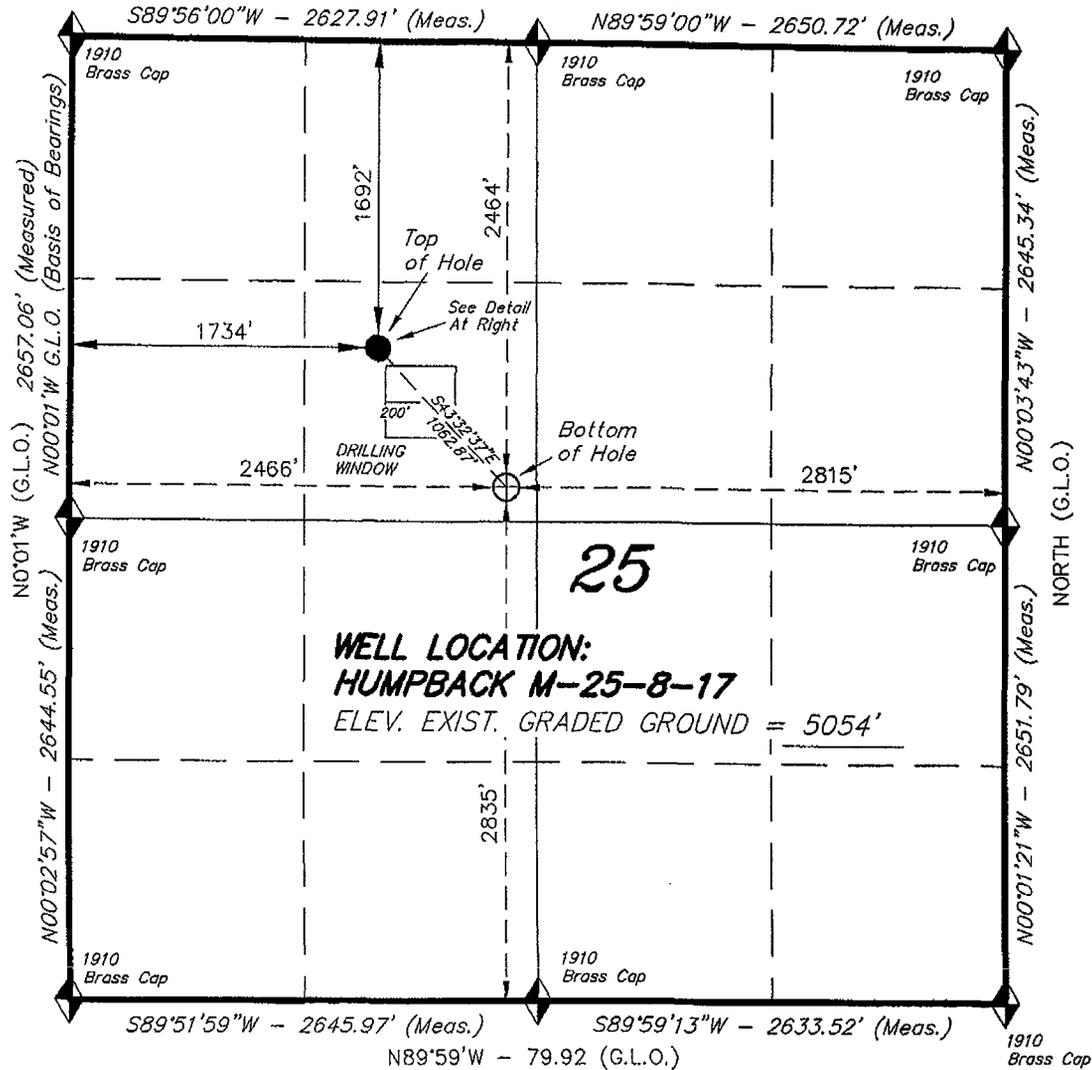
RECEIVED
MAR 27 2008
DIV. OF OIL, GAS & MINING

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

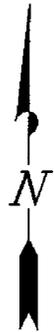
N89°58'W - 79.90 (G.L.O.)

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, HUMPBACK M-25-8-17,
LOCATED AS SHOWN IN THE SE 1/4 NW
1/4 OF SECTION 25, T8S, R17E,
S.L.B.&M. UTAH COUNTY, UTAH.

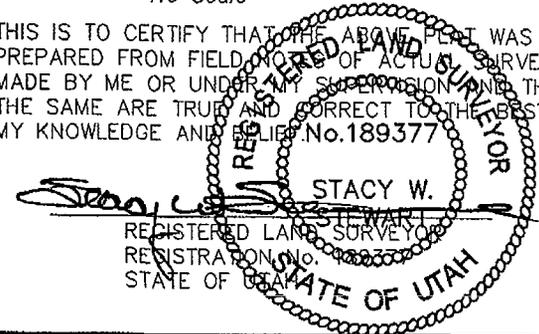


Detail
No Scale



WELL LOCATION:
HUMPBACK M-25-8-17
ELEV. EXIST. GRADED GROUND = 5054'

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: 12-20-07	SURVEYED BY: D.G.
DATE DRAWN: 01-02-08	DRAWN BY: F.T.M.
REVISED: L.C.S. 02-15-08	SCALE: 1" = 1000'

◆ = SECTION CORNERS LOCATED

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

HUMPBACK M-25-8-17
(Surface Location) NAD 83
LATITUDE = 40° 05' 29.84"
LONGITUDE = 109° 57' 29.36"

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:
3160
(UT-922)

March 31, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2008 Plan of Development Humpback Unit,
Uintah County, Utah.

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

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
47 43-013-33970	Humpback Fed T-23-8-17	Sec 23 T08S R17E 0800 FSL 0660 FEL BHL Sec 23 T08S R17E 1435 FSL 0055 FEL
47 43-013-33974	Humpback Fed J-23-8-17	Sec 24 T08S R17E 0327 FNL 0433 FWL BHL Sec 23 T08S R17E 1031 FNL 0115 FEL
47 43-013-33971	Humpback Fed I-25-8-17	Sec 25 T08S R17E 0607 FNL 2002 FEL BHL Sec 25 T08S R17E 1370 FNL 1435 FEL
47 43-013-33972	Humpback Fed M-25-8-17	Sec 25 T08S R17E 1692 FNL 1734 FWL BHL Sec 25 T08S R17E 2464 FNL 2466 FWL
47 43-013-33973	Humpback Fed R-25-8-17	Sec 25 T08S R17E 0667 FSL 2014 FWL BHL Sec 25 T08S R17E 1335 FSL 2650 FWL

We have no objections to permitting the wells 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 - Humpback Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:3-31-08



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

March 31, 2008

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

Re: Humpback Federal M-25-8-17 Well, Surface Location 1692' FNL, 1734' FWL, SE NW, Sec. 25, T. 8 South, R. 17 East, Bottom Location 2464' FNL, 2466' FWL, SE NW, Sec. 25, T. 8 South, R. 17 East, Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39972.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Newfield Production Company
Well Name & Number Humpback Federal M-25-8-17
API Number: 43-047-39972
Lease: UTU-67845

Surface Location: SE NW Sec. 25 T. 8 South R. 17 East
Bottom Location: SE NW Sec. 25 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.

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-67845
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. Humpback Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Humpback Federal M-25-8-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43 047 39972
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/NW 1692' FNL 1734' FWL At proposed prod. zone 2464' FNL 2466' FWL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 14.2 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 25, T8S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1495' f/lse, 2815' f/unit	16. No. of Acres in lease 560.00	12. County or Parish Uintah
17. Spacing Unit dedicated to this well 20 Acres	13. State UT	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1490'	19. Proposed Depth 6585'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5054' GL	22. Approximate date work will start* 2 nd 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:

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 3/14/08
Title Regulatory Specialist		
Approved by (Signature) <i>Terry Kevells</i>	Name (Printed/Typed) Terry Kevells	Date 5-15-2008
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

Conditions of approval, if any, are attached.

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

*(Instructions on reverse)

CONDITIONS OF APPROVAL ATTACHED

RECEIVED

MAY 19 2008

BUREAU OF OIL, GAS & MINING

NOTICE OF APPROVAL

NOS 2.19.08
08PP 0453A



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

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Humpback Federal M-25-8-17
API No: 43-047-39972

Location: SENW, Sec 25, T8S, R17E
Lease No: UTU-67845
Agreement: Humpback Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:		(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7482
NRS/Enviro Scientist:		(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	(435) 828-4029
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

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

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

NOTIFICATION REQUIREMENTS

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

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

General Surface COAs

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

Specific Surface COAs

STIPULATIONS:

Stipulations (field review and RMP): None.

Lease Notices from the RMP:

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

Follow-up Actions and/or Recommendations:

Please be aware that this Special Status Species wildlife clearance is effective for 1 year from the date of the onsite date. Any proposals submitted after the date of this report (onsite) shall require additional surveys and clearances.

CONDITIONS OF APPROVAL:

- **Surveys for the Threatened *Sclerocactus* spp. will be conducted prior to ground disturbing activities (no installation of waterlines until surveys completed). The results of these surveys will be made available to the A.O. prior to approval of new surface disturbance.**
- **No surface disturbance outside of APD proposal is authorized. If other disturbance is necessary, authorization will be proposed in a sundry notice (Form 3160-5) to BLM Authorized Officer. *Sclerocactus* spp. surveys may be required prior to new surface disturbing activities including pipelines (surface and buried).**
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.

- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Prevent fill and stock piles from entering drainages.
- To insure impermeability, the reserve pit will be lined with a 16 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- Any hydrocarbons in the reserve pit will be removed **immediately** upon well completion; in accordance with 43 CFR 3162.7-1. Pits must be free of oil and other liquid and solid wastes prior to filling.
- Monument Butte SOP, Section 9.2 - Pit Fencing Minimum Standards - will be strictly adhered to. To include 9.2.2.3 - Corner posts will be cemented and/or braced in such a manner as to keep fence tight at all times.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, a detailed Interim and Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. If Reclamation Plan is acceptable, the AO will provide written approval or concurrence within 30 calendar days of receipt.

Interim Reclamation:

The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be **seeded using a rangeland drill**. Seeding depth as per AO, or seed distributor. If portions of the site are too steep (>40%), or rocky, that portion may be broadcast seeded. If broadcasting seed, the seed shall be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain. Seeding shall occur in the fall (August 1st until snow or ground is frozen) with the following seed mix:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	<i>Elymus elymoides</i>	3.0	1/4 - 1/2"
Siberian wheatgrass	<i>Agropyron fragile</i>	1.0	1/2"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	1/2"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	1/2"
Gardner's saltbush	<i>Atriplex gardneri</i>	0.50	1/2"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	1/8 - 1/4"

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

Final reclamation:

- Once the location is plugged and abandoned, the well location, access, and any disturbed areas shall be recontoured to natural topography, topsoil shall be respread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. Final seed mix: same as interim.
- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (see above). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding shall take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- Logging: Run Gamma Ray from TD to surface

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) shall the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

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

OPERATING REQUIREMENT REMINDERS:

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

and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: HUMPBAC FED M-25-8-17

Api No: 43-047-39972 Lease Type: FEDERAL

Section 25 Township 08S Range 17E County UINTAH

Drilling Contractor ROSS DRILLING RIG # 24

SPUDDED:

Date 07/16/08

Time 10:30 AM

How DRY

Drilling will Commence: _____

Reported by SEAN STEVENS

Telephone # (435) 823-1162

Date 07/16//08 Signed CHD

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.

5. Lease Serial No.

USA UTU-67845

6. If Indian, Allottee or Tribe Name.

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

HUMPBAC UNIT

8. Well Name and No.

HUMPBAC FEDERAL M-25-8-17

9. API Well No.

4304739972

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

UINTAH, 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 are code)

435.646.3721

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

1692 FNL 1734 FWL

SENW Section 25 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 recompleate 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 recompleation 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 7-17-08 MIRU Ross # 24. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 324.05'/ KB On 7-17-08 cement with 160 sks of class "G" w/ 2% 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)

Sean Stevens

Signature

Title

Field Engineer

Date

07/18/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Title

Office

Date

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

JUL 25 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.

USA UTU-67845

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.

HUMPBACK FEDERAL M-25-8-17

9. API Well No.

4304739972

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

UINTAH, 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 are code)

435.646.3721

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

1692 FNL 1734 FWL

SENW Section 25 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	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 7/21/08 MIRU NDSI Rig # 1. 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 @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6560'. 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, 154 jt's of 5.5 J-55, 15.5# csgn. Set @ 6560' / KB. Cement with 325 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 35 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 98,000 #'s tension. Release rig @ 6:00 AM on 8/21/08.

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

Justin Crum

Signature

Title

Drilling Foreman

Date

08/24/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Title

Office

Date

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

SEP 02 2008

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6560.79

Flt cllr @ 6504

LAST CASING 8 5/8" SET AT 324.05'
 DATUM 12
 DATUM TO CUT OFF CASING 12
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 6715 LOGGER _____
 HOLE SIZE 7 7/8"

OPERATOR Newfield Production Company
 WELL Humpback Federal M-25-8-17
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI Rig # 1

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt @ 4536' 7.43'					
154	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	6504.93
							0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	42.61
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6562.79
TOTAL LENGTH OF STRING		6562.79	154	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		85.28	2	CASING SET DEPTH			6560.79
TOTAL		6632.82	156	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6632.82	156				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		8/20/2008	8:00 PM	GOOD CIRC THRU JOB		Yes	
CSG. IN HOLE		8/21/2008	12:30 PM	Bbis CMT CIRC TO SURFACE		35	
BEGIN CIRC		8/21/2008	12:35 PM	RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE			
BEGIN PUMP CMT		8/21/2008	1:58 AM	DID BACK PRES. VALVE HOLD ? Yes			
BEGIN DSPL. CMT		8/21/2008	2:45 AM	BUMPED PLUG TO 2200 _____ PSI			
PLUG DOWN		8/21/2008	3:20 AM				
CEMENT USED				CEMENT COMPANY- B. J.			
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	325	Premlite II w/ 10% gel + 3% KCL, 3#/s /sk CSE + 2# sk/kolseal + 1/2#/s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2	450	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Justin Crum

DATE 8/21/2008

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-67845

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:
HUMPBAC UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
HUMPBAC FEDERAL M-25-8-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4304739972

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

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1692 FNL 1734 FWL

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENW, 25, T8S, R17E

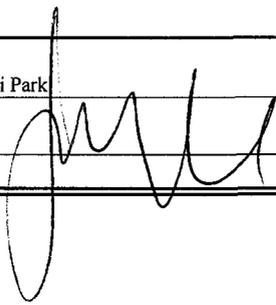
COUNTY: UINTAH

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 10/02/2008	<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 09-10-08, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk
SIGNATURE  DATE 10/02/2008

(This space for State use only)

RECEIVED
OCT 09 2008
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

HUMPBACK M-25-8-17**7/1/2008 To 11/30/2008****9/3/2008 Day: 1****Completion**

Rigless on 9/2/2008 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6476" cement top @ 224'. Perforate stage #1. CP5 sds @ 6338- 54' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 64 shots. 155 BWTR. SIFN.

9/5/2008 Day: 2**Completion**

Rigless on 9/4/2008 - RU BJ Services "Ram Head" frac flange. RU BJ & frac CP5 sds, stage #1 down casing w/ 38,780#'s of 20/40 sand in 437 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 3502 psi. Pump 30 gals of Techna Hib chemical @ 4% volume. Treated @ ave pressure of 1756 w/ ave rate of 22 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2260. 592 bbls EWTR. Leave pressure on well. RU Perforators LLC. WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 8', 8' perf guns. Set plug @ 6280'. Perforate CP4 sds @ 6250-58', 6230-38' w/ 3-1/8" Slick Guns (19 gram, .49"HE, 120°) w/ 4 spf for total of 64 shots. RU BJ & frac stage #2 w/ 48,785#'s of 20/40 sand in 494 bbls of Lightning 17 frac fluid. Open well w/ 1480 psi on casing. Perfs broke down @ 2237 psi. Pump 30 gals of Techna Hib chemical @ 4% volume. Treated @ ave pressure of 1263 w/ ave rate of 22.9 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1550. 1086 bbls EWTR. Leave pressure on well. SIFN.

9/6/2008 Day: 3**Completion**

Rigless on 9/5/2008 - RU WLT. RIH w/ frac plug & 6', 14', 4' perf guns. Set plug @ 6170'. Perforate CP2 sds @ 6102-08', 6068-82' & CP1 sds @ 6046-50' w/ 4 spf for total of 96 shots. RU BJ & frac stage #3 w/ 58,883#'s of 20/40 sand in 534 bbls of Lightning 17 frac fluid. Open well w/ 800 psi on casing. Perfs broke down @ 993 psi. Pump 30 gals of Techna Hib chemical @ 4% volume. Treated @ ave pressure of 1127 w/ ave rate of 22.4 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1620. 1620 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 14', 13' perf guns. Set plug @ 5520'. Perforate C sds @ 5403-16', 5374-88' w/ 4 spf for total of 108 shots. RU BJ & frac stage #4 w/ 69,632#'s of 20/40 sand in 575 bbls of Lightning 17 frac fluid. Open well w/ 1022 psi on casing. Perfs broke down @ 1079 psi. Pump 30 gals of Techna Hib chemical @ 4% volume. Treated @ ave pressure of 1330 w/ ave rate of 25.5 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1763. 2195 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 14', 6' perf guns. Set plug @ 4870'. Perforate GB6 sds @ 4756-70', 4742-48' w/ 4 spf for total of 80 shots. RU BJ & frac stage #5 w/ 60,206#'s of 20/40 sand in 505 bbls of Lightning 17 frac fluid. Open well w/ 930 psi on casing. Perfs broke down @ 1071 psi. Pump 30 gals of Techna Hib chemical @ 4% volume. Treated @ ave pressure of 1413 w/ ave rate of 22.7 bpm w/ 8 ppg of sand. ISIP was 1787. 2700 bbls EWTR. RD BJ & WLT. Flow well back. 5:00PM Turn Well Ovr To Flow Tester, Well flowed for 7 1/2 hours & died w/-1170 bbls rec'd. 7:00PM SIFN.

9/9/2008 Day: 4**Completion**

NC #1 on 9/8/2008 - 6:30AM OWU Flowing, Flowed 40 Bbls Oil, Would Not Die. R/U R/pmp, pmp 70 Bbls Wtr D/Csg @ 600 Psi Max. OWU Flowed 30 Bbls Wtr Back & Died. N/D Camron BOP & Frac Flng. N/U 3,000 Flng & 5,000 BOP. P/U & RIH W/-4 3/4 Bit, Bit Sub, 159 Jts Tbg To Plg @ 4870', R/U Nabors Pwr Swvl, R/U R/pmp, Drill Up Plg. Swvl I/Hle To Fill @ 5428', C/Out To Plg @ 5520', Drill Up Plg, Swvl I/Hle To Fill @ 6164', C/Out To Plg @ 6170', Drill Up Plg. SWI, 6:30PM C/SDFN.

9/10/2008 Day: 5**Completion**

NC #1 on 9/9/2008 - 6:30AM OWU, Swvl I/Hle To Plg @ 6280', Drill Up Plg. Drill & Cln Out Fill To PBTD @ 6515.57' KB. Curc Well Cln 1 Hr. R/D Swvl, POOH W/-3 Jts Tbg, EOB @ 6435'. R/U Swab, RIH IFL @ Surf, Made 14 Swab Runs, Recvrd 162 Bbls Wtr, 2% Oil Cut, Trce Sand, FFL @ 2,000', R/D Swab. RIH W/-Tbg To Fill @ 6511', R/U R/pmp, Cln Out To PBTD @ 6515', Curc Well Cln. POOH W/-100 Jts Tbg, SWI, 6:00PM C/SDFN.

9/11/2008 Day: 6**Completion**

NC #1 on 9/10/2008 - 6:30AM OWU, POOH W/Remainder Of Tbg, Bit Sub & Bit. P/U & RIH W/-N/C, 2 Jts Tbg, S/N, 1 Jt Tbg, T/A, 205 Jts Tbg, N/D BOP, Set T/A In 15,000 Tension, N/U W/-HD. Flush Tbg W/-60 Bbls Wtr. P/U Stroke & RIH W/-CDI 2 1/2x1 3/4x16x20' RHAC & Rod String Shown Below, Seat pmp, R/U Unit, Hole Standing Full, Stroke Unit & Tbg To 800 Psi, Good Test. R/D Rig, 5:30PM C/SDFN. POP @ 4:30PM, 122" SL, 5 SPM, (Final Report).

Pertinent Files: Go to File List

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK
 OIL WELL GAS WELL DRY Other _____

1b. TYPE OF WELL
 NEW WELL WORK OVER DEEPEN PLUG BACK DIFF RESVR. Other _____

2. NAME OF OPERATOR
 Newfield Exploration Company

5. LEASE DESIGNATION AND SERIAL NO.
 UTU-67845

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 NA

7. UNIT AGREEMENT NAME
 HUMPBACK UNIT

8. FARM OR LEASE NAME, WELL NO.
 Humpback
 FEDERAL M-25-8-17

9. WELL NO.
 43-047-39972

10. FIELD AND POOL OR WILDCAT
 Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
 Sec. 25, T8S, R17E

3. ADDRESS AND TELEPHONE NO.
 1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*
 At Surface 1962' FNL & 1734' FWL (SW/NW) Sec. 25, T8S, R17E
 At top prod. Interval reported below

14. AP#NO. 43-047-39972 DATE ISSUED 3/31/08

12. COUNTY OR PARISH Uintah 13. STATE UT

15. DATE SPUDDED 7/16/08 16. DATE T.D. REACHED 8/20/08 17. DATE COMPL. (Ready to prod.) 9/10/08 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5054' GL 5066' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6560' *635* 21. PLUG BACK T.D., MD & TVD 6516' *6391* 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY -----> ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
 Green River 4742-6354'

25. WAS DIRECTIONAL SURVEY MADE Yes

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

27. WAS WELL CORED No

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

CASING SIZE/GRADE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	324'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6561'	7-7/8"	325 sx Premilite II and 450 sx 50/50 Poz	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 6413'	TA @ 6317'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP5) 6338-6354'	.49"	4/64	6338-6354'	Frac w/ 38780# 20/40 sand in 437 bbls fluid
(CP4) 6250-6258', 6230-6238'	.49"	4/64	6230-6258'	Frac w/ 48785# 20/40 sand in 494 bbls fluid
(P2) 6102-08', 6068-82' & (CP1) 6046-50'	.49"	4/96	6046-6082'	Frac w/ 5883# 20/40 sand in 534 bbls fluid
(C) 5403-16', 5374-88'	.49"	4/108	5374-5416'	Frac w/ 69632# 20/40 sand in 545 bbls fluid
(GB6) 4756-70', 4742-48'	.49"	4/80	4742-4770'	Frac w/ 60206# 20/40 sand in 505 bbls fluid

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

33.* PRODUCTION

DATE FIRST PRODUCTION 9/10/08 PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-3/4" x 16' x 20' RHAC Pump w/ SM Plunger WELL STATUS (Producing or shut-in) PRODUCING

DATE OF TEST 9/17/08 HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL--BBL. GAS--MCF. WATER--BBL. GAS-OIL RATIO

87 17 23 195

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL-BBL. GAS--MCF. WATER--BBL. OIL GRAVITY-API (CORR.)

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

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
 SIGNED: *Tammi Lee* TITLE: Production Clerk DATE: 10/7/2008

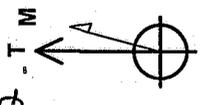
RECEIVED
 TEST WITNESSED BY
OCT 9 9 2008

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
		TOP	
		MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name FEDERAL M-25-8-17
			Garden Gulch Mkr 4196'
			Garden Gulch 1 4380'
			Garden Gulch 2 4503'
			Point 3 Mkr 4778'
			X Mkr 5004'
			Y-Mkr 5042'
			Douglas Creek Mkr 5178'
			BiCarbonate Mkr 5442'
			B Limestone Mkr NP
			Castle Peak 5994'
			Basal Carbonate 6419'
			Total Depth (LOGGERS) 5650'

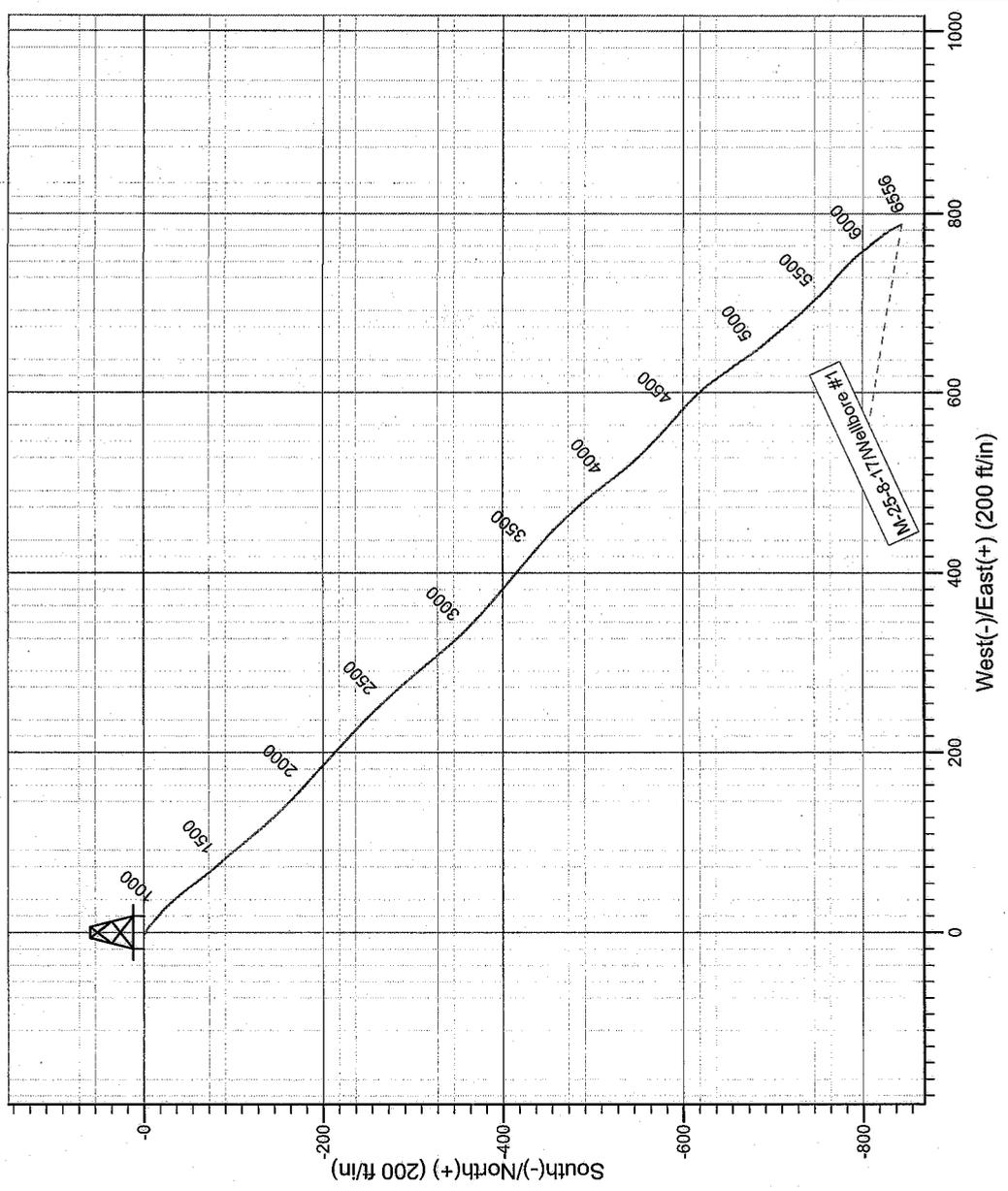
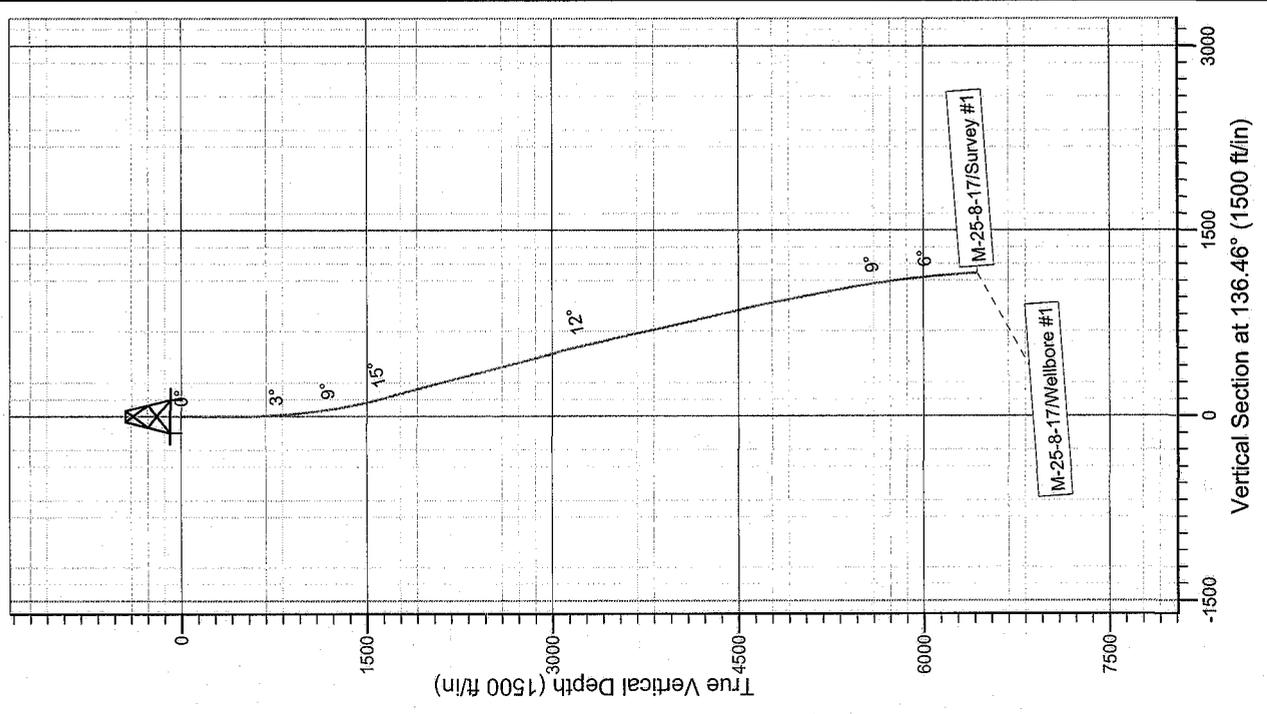
Humpback Fed M-25-8-17

Project: USGS Myron SW (UT)
Site: SECTION 25
Well: M-25-8-17
Wellbore: Wellbore #1
Design: Wellbore #1

Azimuths to True North
Magnetic North: 11.65°
Magnetic Field
Strength: 52633.3snT
Dip Angle: 65.94°
Date: 6/25/2008
Model: IGRF200510



FINAL SURVEY REPORT



HATHAWAY BURNHAM
DIRECTIONAL & MWD SERVICES

Survey: Survey #1 (M-25-8-17/Wellbore #1)

Created By: *Tom Hudson*

Date: 9:18, August 20 2008

THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

NEWFIELD



NEWFIELD EXPLORATION

USGS Myton SW (UT)

SECTION 25

M-25-8-17

Wellbore #1

Survey: Survey #1

Standard Survey Report

20 August, 2008

HATHAWAY ^{HB} BURNHAM
DIRECTIONAL & MWD SERVICES



Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 25
 Well: M-25-8-17
 Wellbore: Wellbore #1
 Design: Wellbore #1

Local Co-ordinate Reference: Well M-25-8-17
 TVD Reference: M-25-8-17 @ 5066.0ft (KB ELEVATION)
 MD Reference: M-25-8-17 @ 5066.0ft (KB ELEVATION)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.21 Single User Db

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

Site	SECTION 25, SEC 25, T8S R17E				
Site Position:		Northing:	7,205,740.18 ft	Latitude:	40° 5' 29.100 N
From:	Lat/Long	Easting:	2,071,736.28 ft	Longitude:	109° 57' 29.500 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.99 °

Well	M-25-8-17, SUR LAT: 40 05' 29.84" LAT: 109 57' 29.36"					
Well Position	+N/-S	0.0 ft	Northing:	7,205,815.22 ft	Latitude:	40° 5' 29.840 N
	+E/-W	0.0 ft	Easting:	2,071,745.87 ft	Longitude:	109° 57' 29.360 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	0.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	6/25/2008	11.65	65.94	52,633

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	5,400.0	0.0	0.0	136.46	

Survey Program	Date 8/20/2008				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
439.0	6,556.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
439.0	0.40	269.60	439.0	0.0	-1.5	-1.0	0.09	0.09	0.00
469.0	0.20	216.90	469.0	-0.1	-1.7	-1.1	1.07	-0.67	-175.67
500.0	0.70	150.10	500.0	-0.3	-1.6	-0.9	2.09	1.61	-215.48
531.0	1.20	133.90	531.0	-0.6	-1.3	-0.4	1.82	1.61	-52.26
561.0	1.60	125.60	561.0	-1.1	-0.7	0.3	1.49	1.33	-27.67
592.0	1.80	116.10	592.0	-1.6	0.1	1.2	1.11	0.65	-30.65
623.0	2.30	127.00	622.9	-2.2	1.0	2.3	2.04	1.61	35.16
653.0	2.50	122.10	652.9	-2.9	2.0	3.5	0.95	0.67	-16.33
684.0	2.80	122.80	683.9	-3.6	3.3	4.9	0.97	0.97	2.26
714.0	2.80	121.30	713.9	-4.4	4.5	6.3	0.24	0.00	-5.00
745.0	3.00	123.10	744.8	-5.3	5.8	7.8	0.71	0.65	5.81
776.0	3.30	129.80	775.8	-6.3	7.2	9.5	1.53	0.97	21.61



Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 25
 Well: M-25-8-17
 Wellbore: Wellbore #1
 Design: Wellbore #1

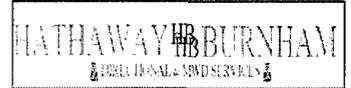
Local Co-ordinate Reference: Well M-25-8-17
 TVD Reference: M-25-8-17 @ 5066.0ft (KB ELEVATION)
 MD Reference: M-25-8-17 @ 5066.0ft (KB ELEVATION)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.21 Single User Db

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)
807.0	3.90	136.40	806.7	-7.6	8.6	11.4	2.35	1.94	21.29
839.0	4.00	133.90	838.6	-9.2	10.2	13.6	0.62	0.31	-7.81
870.0	4.80	131.30	869.5	-10.8	11.9	16.0	2.66	2.58	-8.39
901.0	5.10	128.10	900.4	-12.5	14.0	18.7	1.31	0.97	-10.32
933.0	5.30	130.40	932.3	-14.3	16.2	21.5	0.90	0.63	7.19
964.0	5.60	131.10	963.2	-16.2	18.4	24.5	0.99	0.97	2.26
995.0	6.00	131.60	994.0	-18.3	20.8	27.6	1.30	1.29	1.61
1,026.0	6.50	131.80	1,024.8	-20.6	23.3	31.0	1.61	1.61	0.65
1,058.0	7.00	134.30	1,056.6	-23.1	26.1	34.7	1.81	1.56	7.81
1,088.0	7.60	134.60	1,086.3	-25.8	28.8	38.5	2.00	2.00	1.00
1,119.0	7.70	137.60	1,117.1	-28.8	31.6	42.6	1.33	0.32	9.68
1,151.0	8.10	139.60	1,148.8	-32.1	34.5	47.0	1.52	1.25	6.25
1,182.0	9.00	140.60	1,179.4	-35.6	37.5	51.6	2.94	2.90	3.23
1,213.0	9.70	141.00	1,210.0	-39.5	40.7	56.7	2.27	2.26	1.29
1,245.0	9.90	141.00	1,241.5	-43.7	44.1	62.1	0.63	0.63	0.00
1,276.0	9.90	142.40	1,272.1	-47.9	47.4	67.4	0.78	0.00	4.52
1,307.0	10.00	142.00	1,302.6	-52.2	50.7	72.7	0.39	0.32	-1.29
1,339.0	10.40	141.00	1,334.1	-56.6	54.2	78.4	1.37	1.25	-3.13
1,370.0	11.10	143.40	1,364.6	-61.2	57.8	84.1	2.68	2.26	7.74
1,401.0	11.10	143.40	1,395.0	-66.0	61.3	90.1	0.00	0.00	0.00
1,432.0	12.00	143.00	1,425.4	-70.9	65.0	96.2	2.91	2.90	-1.29
1,463.0	12.30	140.60	1,455.7	-76.0	69.1	102.7	1.89	0.97	-7.74
1,495.0	13.00	140.30	1,486.9	-81.4	73.5	109.7	2.20	2.19	-0.94
1,526.0	13.70	138.90	1,517.0	-86.9	78.2	116.8	2.49	2.26	-4.52
1,557.0	14.30	139.90	1,547.1	-92.6	83.1	124.3	2.09	1.94	3.23
1,589.0	14.80	139.60	1,578.1	-98.7	88.3	132.4	1.58	1.56	-0.94
1,620.0	15.00	140.30	1,608.1	-104.8	93.4	140.3	0.87	0.65	2.26
1,745.0	15.10	139.60	1,728.8	-129.7	114.3	172.7	0.17	0.08	-0.56
1,839.0	15.50	136.80	1,819.4	-148.2	130.8	197.5	0.89	0.43	-2.98
1,964.0	15.00	132.60	1,940.0	-171.3	154.1	230.3	0.97	-0.40	-3.36
2,026.0	14.80	132.90	2,000.0	-182.1	165.9	246.3	0.35	-0.32	0.48
2,120.0	14.80	132.60	2,090.8	-198.4	183.5	270.2	0.08	0.00	-0.32
2,213.0	15.00	132.30	2,180.7	-214.5	201.1	294.1	0.23	0.22	-0.32
2,307.0	14.30	132.60	2,271.7	-230.6	218.7	317.8	0.75	-0.74	0.32
2,401.0	14.10	133.90	2,362.8	-246.4	235.5	340.8	0.40	-0.21	1.38
2,493.0	14.10	137.60	2,452.0	-262.4	251.1	363.2	0.98	0.00	4.02
2,587.0	14.80	136.80	2,543.0	-279.6	267.0	386.7	0.77	0.74	-0.85
2,680.0	14.80	139.60	2,633.0	-297.3	282.9	410.4	0.77	0.00	3.01
2,774.0	13.90	139.60	2,724.0	-315.1	298.0	433.7	0.96	-0.96	0.00
2,868.0	14.40	139.60	2,815.2	-332.6	312.9	456.6	0.53	0.53	0.00
2,961.0	14.60	137.10	2,905.2	-350.0	328.3	479.9	0.71	0.22	-2.69
3,055.0	15.80	133.90	2,995.9	-367.5	345.6	504.5	1.56	1.28	-3.40
3,149.0	14.80	131.10	3,086.6	-384.3	363.9	529.2	1.32	-1.06	-2.98
3,179.0	14.10	130.40	3,115.6	-389.2	369.6	536.7	2.40	-2.33	-2.33
3,210.0	13.50	131.10	3,145.7	-394.0	375.2	544.1	2.01	-1.94	2.26
3,241.0	12.70	130.80	3,175.9	-398.6	380.5	551.0	2.59	-2.58	-0.97
3,272.0	11.90	129.40	3,206.2	-402.9	385.5	557.6	2.75	-2.58	-4.52
3,303.0	12.00	129.80	3,236.5	-407.0	390.5	564.0	0.42	0.32	1.29
3,334.0	12.00	130.10	3,266.9	-411.1	395.4	570.4	0.20	0.00	0.97
3,365.0	12.00	129.80	3,297.2	-415.2	400.3	576.8	0.20	0.00	-0.97
3,397.0	12.10	130.40	3,328.5	-419.5	405.5	583.4	0.50	0.31	1.88
3,428.0	12.10	129.80	3,358.8	-423.7	410.4	589.9	0.41	0.00	-1.94
3,490.0	13.40	128.80	3,419.3	-432.4	421.0	603.5	2.13	2.10	-1.61
3,521.0	14.10	131.10	3,449.4	-437.1	426.7	610.8	2.86	2.26	7.42



Hathaway Burnham

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 25
Well: M-25-8-17
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well M-25-8-17
TVD Reference: M-25-8-17 @ 5066.0ft (KB ELEVATION)
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North Reference: True
Survey Calculation Method: Minimum Curvature
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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)
3,552.0	13.50	131.60	3,479.5	-442.0	432.2	618.1	1.97	-1.94	1.61
3,615.0	12.30	132.90	3,540.9	-451.5	442.6	632.2	1.96	-1.90	2.06
3,646.0	13.00	135.80	3,571.1	-456.2	447.5	639.0	3.05	2.26	9.35
3,677.0	13.20	137.10	3,601.3	-461.3	452.3	646.0	1.15	0.65	4.19
3,709.0	13.00	136.40	3,632.5	-466.6	457.3	653.2	0.80	-0.63	-2.19
3,740.0	12.70	136.80	3,662.7	-471.6	462.0	660.1	1.01	-0.97	1.29
3,771.0	12.00	137.10	3,693.0	-476.4	466.6	666.8	2.27	-2.26	0.97
3,802.0	11.40	136.40	3,723.4	-481.0	470.9	673.0	1.99	-1.94	-2.26
3,833.0	11.60	137.10	3,753.7	-485.5	475.1	679.2	0.79	0.65	2.26
3,865.0	12.00	138.30	3,785.1	-490.4	479.5	685.8	1.47	1.25	3.75
3,896.0	12.00	142.00	3,815.4	-495.3	483.6	692.2	2.48	0.00	11.94
3,927.0	11.60	142.40	3,845.7	-500.3	487.5	698.5	1.32	-1.29	1.29
3,958.0	12.10	143.40	3,876.1	-505.4	491.4	704.8	1.74	1.61	3.23
4,021.0	13.40	142.40	3,937.5	-516.5	499.7	718.6	2.09	2.06	-1.59
4,052.0	14.00	141.00	3,967.6	-522.2	504.3	726.0	2.21	1.94	-4.52
4,083.0	13.70	141.00	3,997.7	-528.0	509.0	733.3	0.97	-0.97	0.00
4,114.0	13.50	140.60	4,027.9	-533.6	513.6	740.6	0.71	-0.65	-1.29
4,146.0	12.70	140.60	4,059.0	-539.3	518.2	747.9	2.50	-2.50	0.00
4,177.0	12.30	138.90	4,089.3	-544.4	522.5	754.6	1.75	-1.29	-5.48
4,208.0	12.70	137.10	4,119.6	-549.4	527.0	761.3	1.80	1.29	-5.81
4,239.0	12.80	136.40	4,149.8	-554.3	531.7	768.1	0.59	0.32	-2.26
4,270.0	13.40	134.60	4,180.0	-559.4	536.6	775.1	2.34	1.94	-5.81
4,302.0	13.40	133.90	4,211.1	-564.5	541.9	782.5	0.51	0.00	-2.19
4,333.0	13.00	133.90	4,241.3	-569.4	547.0	789.6	1.29	-1.29	0.00
4,364.0	12.80	132.90	4,271.5	-574.2	552.1	796.5	0.97	-0.65	-3.23
4,395.0	13.40	131.80	4,301.7	-578.9	557.2	803.5	2.10	1.94	-3.55
4,426.0	13.50	131.60	4,331.9	-583.7	562.6	810.7	0.36	0.32	-0.65
4,458.0	13.40	131.60	4,363.0	-588.7	568.2	818.1	0.31	-0.31	0.00
4,489.0	13.50	131.80	4,393.1	-593.5	573.6	825.3	0.36	0.32	0.65
4,520.0	13.70	131.10	4,423.3	-598.3	579.0	832.6	0.84	0.65	-2.26
4,551.0	13.40	133.60	4,453.4	-603.2	584.4	839.8	2.12	-0.97	8.06
4,582.0	13.20	133.30	4,483.6	-608.1	589.6	846.9	0.68	-0.65	-0.97
4,614.0	13.00	134.60	4,514.7	-613.1	594.8	854.2	1.11	-0.63	-4.06
4,645.0	12.30	134.60	4,545.0	-617.9	599.6	861.0	2.26	-2.26	0.00
4,676.0	12.70	139.90	4,575.3	-622.8	604.2	867.7	3.92	1.29	17.10
4,707.0	13.00	143.80	4,605.5	-628.2	608.4	874.5	2.96	0.97	12.58
4,739.0	13.00	144.10	4,636.7	-634.0	612.7	881.7	0.21	0.00	0.94
4,770.0	12.70	144.80	4,666.9	-639.7	616.7	888.5	1.09	-0.97	2.26
4,801.0	12.10	143.80	4,697.2	-645.1	620.6	895.1	2.06	-1.94	-3.23
4,832.0	12.10	144.10	4,727.5	-650.3	624.4	901.5	0.20	0.00	0.97
4,863.0	12.00	143.40	4,757.8	-655.5	628.2	907.9	0.57	-0.32	-2.26
4,895.0	11.60	143.80	4,789.1	-660.8	632.1	914.4	1.28	-1.25	1.25
4,926.0	11.30	145.50	4,819.5	-665.8	635.7	920.5	1.46	-0.97	5.48
4,957.0	11.30	145.90	4,849.9	-670.8	639.1	926.5	0.25	0.00	1.29
4,988.0	11.30	145.50	4,880.3	-675.9	642.5	932.5	0.25	0.00	-1.29
5,019.0	10.70	145.30	4,910.7	-680.7	645.9	938.4	1.94	-1.94	-0.65
5,051.0	10.60	140.60	4,942.2	-685.4	649.4	944.2	2.73	-0.31	-14.69
5,082.0	10.90	141.30	4,972.6	-689.9	653.1	950.0	1.06	0.97	2.26
5,113.0	11.10	138.90	5,003.1	-694.5	656.9	955.9	1.61	0.65	-7.74
5,144.0	11.40	138.60	5,033.5	-699.0	660.9	961.9	0.99	0.97	-0.97
5,176.0	11.30	140.30	5,064.8	-703.8	665.0	968.2	1.09	-0.31	5.31
5,207.0	11.10	141.00	5,095.2	-708.5	668.8	974.2	0.78	-0.65	2.26
5,238.0	10.70	137.60	5,125.7	-712.9	672.6	980.1	2.44	-1.29	-10.97
5,269.0	11.10	138.30	5,156.1	-717.2	676.5	986.0	1.36	1.29	2.26



Hathaway Burnham

Survey Report



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 Project: USGS Myton SW (UT)
 Site: SECTION 25
 Well: M-25-8-17
 Wellbore: Wellbore #1
 Design: Wellbore #1

Local Co-ordinate Reference: Well M-25-8-17
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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)	
5,301.0	10.90	143.10	5,187.5	-722.0	680.4	992.0	2.93	-0.63	15.00	
5,332.0	11.10	142.80	5,218.0	-726.7	683.9	997.9	0.67	0.65	-0.97	
5,363.0	11.30	137.60	5,248.4	-731.3	687.8	1,003.9	3.32	0.65	-16.77	
5,394.0	11.30	137.10	5,278.8	-735.8	691.9	1,010.0	0.32	0.00	-1.61	
5,425.0	11.10	134.60	5,309.2	-740.1	696.1	1,016.0	1.69	-0.65	-8.06	
5,456.0	11.10	134.60	5,339.6	-744.3	700.4	1,022.0	0.00	0.00	0.00	
5,488.0	10.40	133.90	5,371.0	-748.5	704.6	1,027.9	2.23	-2.19	-2.19	
5,519.0	10.40	134.30	5,401.5	-752.3	708.6	1,033.5	0.23	0.00	1.29	
5,522.8	10.38	134.18	5,405.2	-752.8	709.1	1,034.2	0.87	-0.65	-3.17	
M-25-8-17 TGT										
5,550.0	10.20	133.30	5,432.0	-756.2	712.6	1,039.1	0.87	-0.64	-3.23	
5,589.0	10.00	132.60	5,470.4	-760.8	717.7	1,045.9	0.60	-0.51	-1.79	
5,683.0	9.10	132.60	5,563.1	-771.4	729.1	1,061.5	0.96	-0.96	0.00	
5,746.0	8.60	131.60	5,625.4	-777.9	736.3	1,071.1	0.83	-0.79	-1.59	
5,840.0	7.90	133.90	5,718.4	-787.0	746.2	1,084.6	0.82	-0.74	2.45	
5,933.0	6.70	143.10	5,810.7	-795.8	754.1	1,096.3	1.80	-1.29	9.89	
6,027.0	6.20	139.60	5,904.1	-804.1	760.7	1,106.9	0.68	-0.53	-3.72	
6,120.0	6.00	139.30	5,996.5	-811.6	767.1	1,116.7	0.22	-0.22	-0.32	
6,214.0	5.50	143.10	6,090.1	-818.9	773.0	1,126.1	0.67	-0.53	4.04	
6,308.0	4.90	143.40	6,183.7	-825.7	778.1	1,134.6	0.64	-0.64	0.32	
6,501.0	4.40	155.00	6,376.0	-839.1	786.2	1,149.8	0.55	-0.26	6.01	
6,556.0	4.40	155.00	6,430.9	-842.9	787.9	1,153.8	0.00	0.00	0.00	

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
M-25-8-17 TGT	0.00	0.00	5,400.0	-770.5	732.2	7,205,057.56	2,072,491.14	40° 5' 22.226 N	109° 57' 19.940 W
- survey misses by 29.5ft at 5522.8ft MD (5405.2 TVD, -752.8 N, 709.1 E)									
- Circle (radius 75.0)									

Checked By: _____ Approved By: _____ Date: _____