

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-65210
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. Blackjack Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Blackjack Federal F-10-9-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43013-33920
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/NW 427' FNL 519' FWL At proposed prod. zone 1255' FNL 40' FWL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 14.4 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 10, T9S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 140' ft/se, 1360' f/unit	16. No. of Acres in lease 240.00	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. 1337'	19. Proposed Depth 5925'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5195' GL	22. Approximate date work will start* 2nd 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 2/29/08
Title Regulatory Specialist		
Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 03-20-08
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)

Federal Approval of this
Action is Necessary

RECEIVED

MAR 06 2008

DIV. OF OIL, GAS & MINING

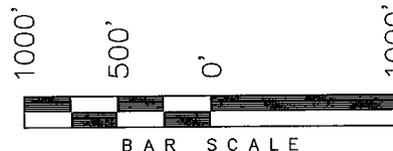
Surf
585330X
4433750Y
40.051572
- 109.999627

BHL
585187X
4433497Y
40.049305
-110.001342

T9S, R17E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

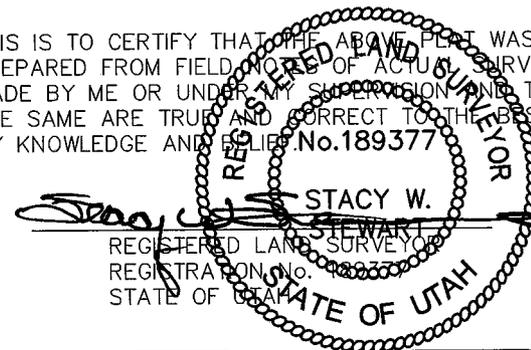
WELL LOCATION, BLACKJACK F-10-9-17,
 LOCATED AS SHOWN IN THE NW 1/4 NW
 1/4 OF SECTION 10, T9S, R17E,
 S.L.B.&M. DUCHESNE COUNTY, UTAH.



Note:

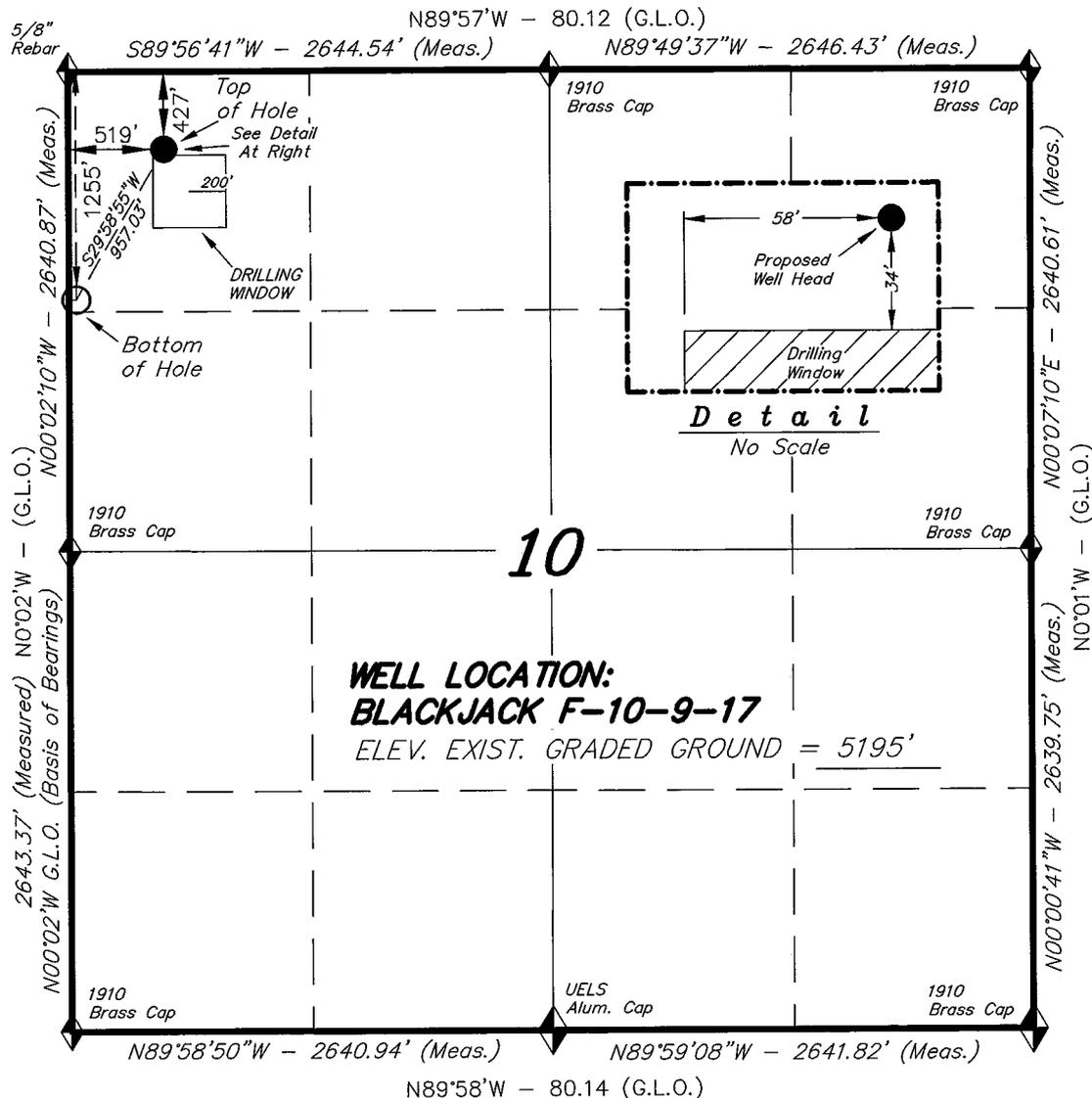
1. The bottom of hole footages are 1255' FNL & 40' FWL.

THIS IS TO CERTIFY THAT THE ABOVE PLAN 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: 11-27-07	SURVEYED BY: T.H.
DATE DRAWN: 12-11-07	DRAWN BY: F.T.M.
REVISED: 02-08-08 L.C.S.	SCALE: 1" = 1000'



◆ = SECTION CORNERS LOCATED

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

BLACKJACK F-10-9-17
 (Surface Location) NAD 83
 LATITUDE = 40° 03' 05.54"
 LONGITUDE = 110° 00' 01.19"

NEWFIELD PRODUCTION COMPANY
BLACKJACK FEDERAL #F-10-9-17
AT SURFACE: NW/NW SECTION 10, T9S, R17E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 1367'
Green River	1367'
Wasatch	5925'

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

Green River Formation 1367' – 5925' - 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
BLACKJACK FEDERAL #F-10-9-17
AT SURFACE: NW/NW SECTION 10, T9S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Blackjack Federal #F-10-9-17 located in the NW 1/4 NW 1/4 Section 10, T9S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles ± to the junction of this highway and UT State Hwy 53; proceed southeasterly - 11.9 miles ± to its junction with an existing dirt road to the northeast; proceed northeasterly - 0.5 miles ± to the existing Blackjack Federal 4-10-9-17 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 Blackjack Federal 4-10-9-17 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 Blackjack Federal 4-10-9-17 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Blackjack Federal F-10-9-17. 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 Blackjack Federal F-10-9-17 will be drilled off of the existing Blackjack Federal 4-10-9-17 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 430' of disturbed area be granted in Lease UTU-75078 and 400' of disturbed area be granted in Lease UTU-65210 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 this area are attached. Arch. Report #1053-01, 6/26/98. Paleontological Resource Survey prepared by, Uintah Paleo, 3/19/98. See attached report cover pages, Exhibit "D".

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 completed prior to construction of proposed water line.

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)

Squirrel Tail	<i>Elymus Elymoides</i>	5 lbs/acre
Crested Wheatgrass	<i>Agropyron Cristatum</i>	5 lbs/acre
Gardner Saltbush	<i>Atriplex Gardneri</i>	0.5 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	0.5 lbs/acre
Forage Kochia	<i>Kochia Prostrata</i>	0.25 lbs/acre

Details of the On-Site Inspection

The proposed Blackjack Federal F-10-9-17 was on-sited on 1/15/08. The following were present; Dave Allred (Newfield Production), Kevan Stevens (Newfield Production), Michael Cutler (Bureau of Land Management), and Brandon McDonald (Bureau of Land Management).. Weather conditions were clear and the ground was covered by snow.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

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

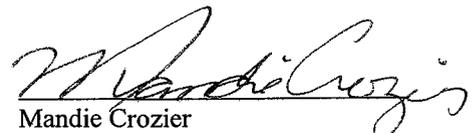
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #F-10-9-17 NW/NW Section 10, Township 9S, Range 17E: Lease UTU-65210 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed 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.

2/29/08

Date



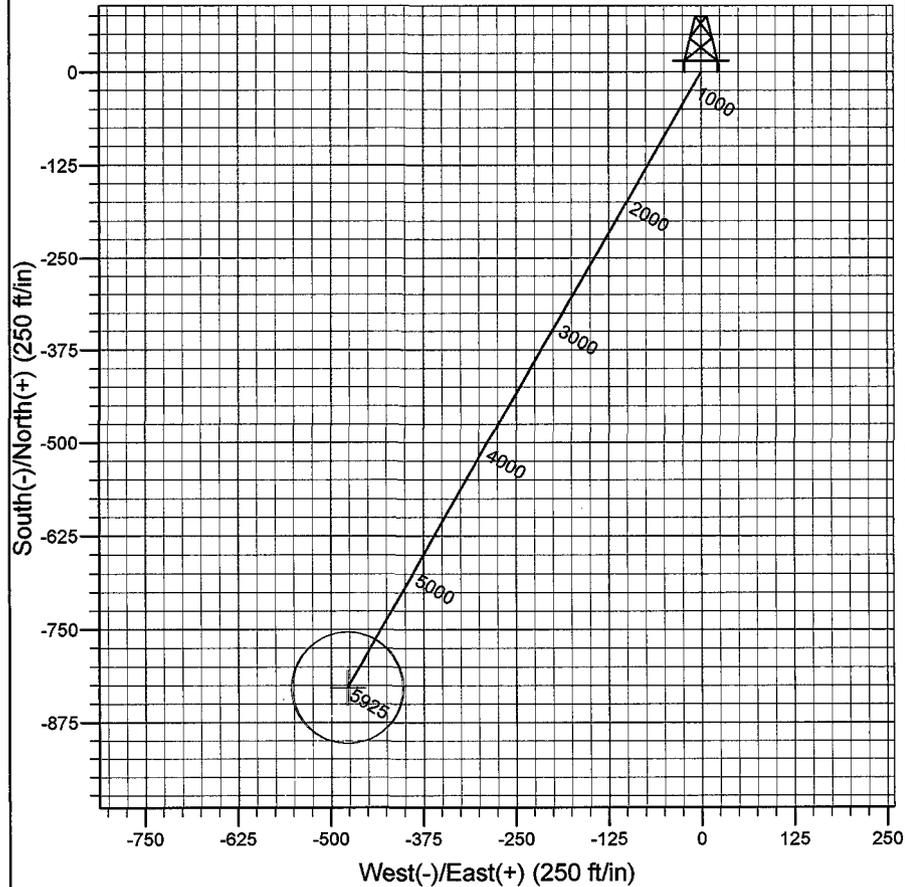
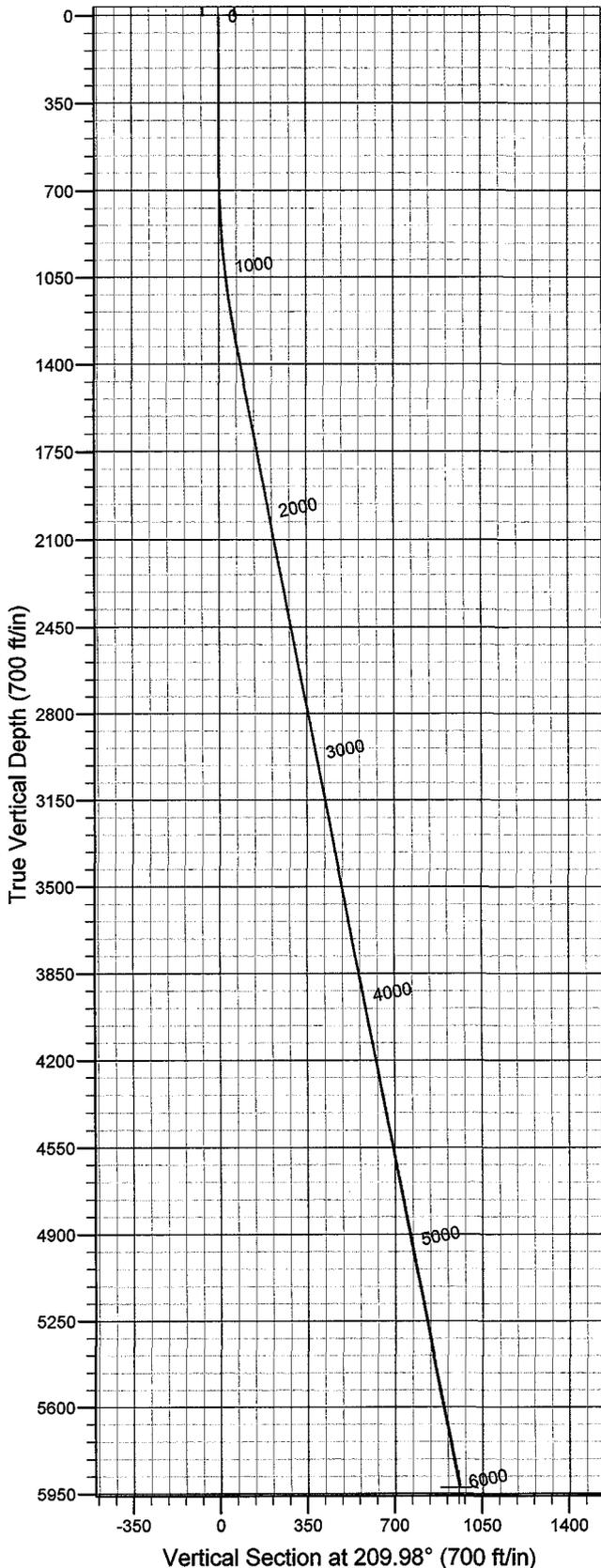
Mandie Crozier
Regulatory Specialist
Newfield Production Company



Azimuths to True North
 Magnetic North: 11.70°
 Magnetic Field
 Strength: 52637.7snT
 Dip Angle: 65.90°
 Date: 2008-02-17
 Model: IGRF2005-10

WELL DETAILS: Blackjack F-10-9-17

GL 5195' & RKB 12' @ 5207.00ft (NDSI 2) 5195.00
 +N/-S +E/-W Northing Easting Latitude Longitude
 0.00 0.00 7191030.44 2060197.49 40° 3' 5.540 N 110° 0' 1.190 W



Plan: Plan #1 (Blackjack F-10-9-17/OH)
 Created By: Julie Cruse Date: 2008-02-17
 PROJECT DETAILS: Duchesne County, UTNAD83 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	
	31328.09	10.92	209.98	1323.69	-59.93	-34.57	1.50	209.98	69.18	
	46014.28	10.92	209.98	5925.00	-828.98	-478.23	0.00	0.00	957.03	BJ F-10-9-17 PBHL

Newfield Exploration Co.

Duchesne County, UTNAD83 UTC

Blackjack

Blackjack F-10-9-17

OH

Plan: Plan #1

Standard Planning Report

17 February, 2008

Scientific Drilling Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UTNAD83 UTC
Site: Blackjack
Well: Blackjack F-10-9-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Blackjack F-10-9-17
TVD Reference: GL 5195' & RKB 12' @ 5207.00ft (NDSI 2)
MD Reference: GL 5195' & RKB 12' @ 5207.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Project	Duchesne County, UTNAD83 UTC		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	Blackjack,				
Site Position:		Northing:	7,188,214.16 ft	Latitude:	40° 2' 37.900 N
From:	Lat/Long	Easting:	2,059,050.06 ft	Longitude:	110° 0' 16.550 W
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence:	0.96 °

Well	Blackjack F-10-9-17, 427' FNL 519' FWL Sec 10 T9S R17E					
Well Position	+N/-S	0.00 ft	Northing:	7,191,030.44 ft	Latitude:	40° 3' 5.540 N
	+E/-W	0.00 ft	Easting:	2,060,197.49 ft	Longitude:	110° 0' 1.190 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,195.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2008-02-17	11.70	65.90	52,638

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	209.98

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,328.09	10.92	209.98	1,323.69	-59.93	-34.57	1.50	1.50	0.00	209.98	
6,014.28	10.92	209.98	5,925.00	-828.98	-478.23	0.00	0.00	0.00	0.00	BJ F-10-9-17 PBHL

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UTNAD83 UTC
Site: Blackjack
Well: Blackjack F-10-9-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Blackjack F-10-9-17
TVD Reference: GL 5195' & RKB 12' @ 5207.00ft (NDSI 2)
MD Reference: GL 5195' & RKB 12' @ 5207.00ft (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	209.98	699.99	-1.13	-0.65	1.31	1.50	1.50	0.00
800.00	3.00	209.98	799.91	-4.53	-2.62	5.23	1.50	1.50	0.00
900.00	4.50	209.98	899.69	-10.20	-5.88	11.77	1.50	1.50	0.00
1,000.00	6.00	209.98	999.27	-18.13	-10.46	20.92	1.50	1.50	0.00
1,100.00	7.50	209.98	1,098.57	-28.31	-16.33	32.68	1.50	1.50	0.00
1,200.00	9.00	209.98	1,197.54	-40.73	-23.50	47.03	1.50	1.50	0.00
1,300.00	10.50	209.98	1,296.09	-55.40	-31.96	63.96	1.50	1.50	0.00
1,328.09	10.92	209.98	1,323.69	-59.93	-34.57	69.18	1.50	1.50	0.00
1,400.00	10.92	209.98	1,394.30	-71.73	-41.38	82.81	0.00	0.00	0.00
1,500.00	10.92	209.98	1,492.49	-88.14	-50.85	101.75	0.00	0.00	0.00
1,600.00	10.92	209.98	1,590.67	-104.55	-60.31	120.70	0.00	0.00	0.00
1,700.00	10.92	209.98	1,688.86	-120.96	-69.78	139.64	0.00	0.00	0.00
1,800.00	10.92	209.98	1,787.05	-137.37	-79.25	158.59	0.00	0.00	0.00
1,900.00	10.92	209.98	1,885.24	-153.78	-88.71	177.54	0.00	0.00	0.00
2,000.00	10.92	209.98	1,983.43	-170.19	-98.18	196.48	0.00	0.00	0.00
2,100.00	10.92	209.98	2,081.62	-186.60	-107.65	215.43	0.00	0.00	0.00
2,200.00	10.92	209.98	2,179.81	-203.02	-117.12	234.37	0.00	0.00	0.00
2,300.00	10.92	209.98	2,278.00	-219.43	-126.58	253.32	0.00	0.00	0.00
2,400.00	10.92	209.98	2,376.18	-235.84	-136.05	272.27	0.00	0.00	0.00
2,500.00	10.92	209.98	2,474.37	-252.25	-145.52	291.21	0.00	0.00	0.00
2,600.00	10.92	209.98	2,572.56	-268.66	-154.99	310.16	0.00	0.00	0.00
2,700.00	10.92	209.98	2,670.75	-285.07	-164.45	329.11	0.00	0.00	0.00
2,800.00	10.92	209.98	2,768.94	-301.48	-173.92	348.05	0.00	0.00	0.00
2,900.00	10.92	209.98	2,867.13	-317.89	-183.39	367.00	0.00	0.00	0.00
3,000.00	10.92	209.98	2,965.32	-334.30	-192.85	385.94	0.00	0.00	0.00
3,100.00	10.92	209.98	3,063.51	-350.72	-202.32	404.89	0.00	0.00	0.00
3,200.00	10.92	209.98	3,161.70	-367.13	-211.79	423.84	0.00	0.00	0.00
3,300.00	10.92	209.98	3,259.88	-383.54	-221.26	442.78	0.00	0.00	0.00
3,400.00	10.92	209.98	3,358.07	-399.95	-230.72	461.73	0.00	0.00	0.00
3,500.00	10.92	209.98	3,456.26	-416.36	-240.19	480.67	0.00	0.00	0.00
3,600.00	10.92	209.98	3,554.45	-432.77	-249.66	499.62	0.00	0.00	0.00
3,700.00	10.92	209.98	3,652.64	-449.18	-259.13	518.57	0.00	0.00	0.00
3,800.00	10.92	209.98	3,750.83	-465.59	-268.59	537.51	0.00	0.00	0.00
3,900.00	10.92	209.98	3,849.02	-482.00	-278.06	556.46	0.00	0.00	0.00
4,000.00	10.92	209.98	3,947.21	-498.41	-287.53	575.40	0.00	0.00	0.00
4,100.00	10.92	209.98	4,045.40	-514.83	-297.00	594.35	0.00	0.00	0.00
4,200.00	10.92	209.98	4,143.58	-531.24	-306.46	613.30	0.00	0.00	0.00
4,300.00	10.92	209.98	4,241.77	-547.65	-315.93	632.24	0.00	0.00	0.00
4,400.00	10.92	209.98	4,339.96	-564.06	-325.40	651.19	0.00	0.00	0.00
4,500.00	10.92	209.98	4,438.15	-580.47	-334.86	670.13	0.00	0.00	0.00
4,600.00	10.92	209.98	4,536.34	-596.88	-344.33	689.08	0.00	0.00	0.00
4,700.00	10.92	209.98	4,634.53	-613.29	-353.80	708.03	0.00	0.00	0.00
4,800.00	10.92	209.98	4,732.72	-629.70	-363.27	726.97	0.00	0.00	0.00
4,900.00	10.92	209.98	4,830.91	-646.11	-372.73	745.92	0.00	0.00	0.00
5,000.00	10.92	209.98	4,929.09	-662.53	-382.20	764.86	0.00	0.00	0.00
5,100.00	10.92	209.98	5,027.28	-678.94	-391.67	783.81	0.00	0.00	0.00
5,200.00	10.92	209.98	5,125.47	-695.35	-401.14	802.76	0.00	0.00	0.00

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UTNAD83 UTC
Site: Blackjack
Well: Blackjack F-10-9-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Blackjack F-10-9-17
TVD Reference: GL 5195' & RKB 12' @ 5207.00ft (NDSI 2)
MD Reference: GL 5195' & RKB 12' @ 5207.00ft (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	10.92	209.98	5,223.66	-711.76	-410.60	821.70	0.00	0.00	0.00
5,400.00	10.92	209.98	5,321.85	-728.17	-420.07	840.65	0.00	0.00	0.00
5,500.00	10.92	209.98	5,420.04	-744.58	-429.54	859.59	0.00	0.00	0.00
5,600.00	10.92	209.98	5,518.23	-760.99	-439.00	878.54	0.00	0.00	0.00
5,700.00	10.92	209.98	5,616.42	-777.40	-448.47	897.49	0.00	0.00	0.00
5,800.00	10.92	209.98	5,714.61	-793.81	-457.94	916.43	0.00	0.00	0.00
5,900.00	10.92	209.98	5,812.79	-810.23	-467.41	935.38	0.00	0.00	0.00
6,000.00	10.92	209.98	5,910.98	-826.64	-476.87	954.33	0.00	0.00	0.00
6,014.28	10.92	209.98	5,925.00	-828.98	-478.23	957.03	0.00	0.00	0.00

Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
BJ F-10-9-17 PBHL - hit/miss target - Shape - plan hits target center - Circle (radius 75.00)	0.00	0.00	5,925.00	-828.98	-478.23	7,190,193.55	2,059,733.23	40° 2' 57.347 N	110° 0' 7.340 W

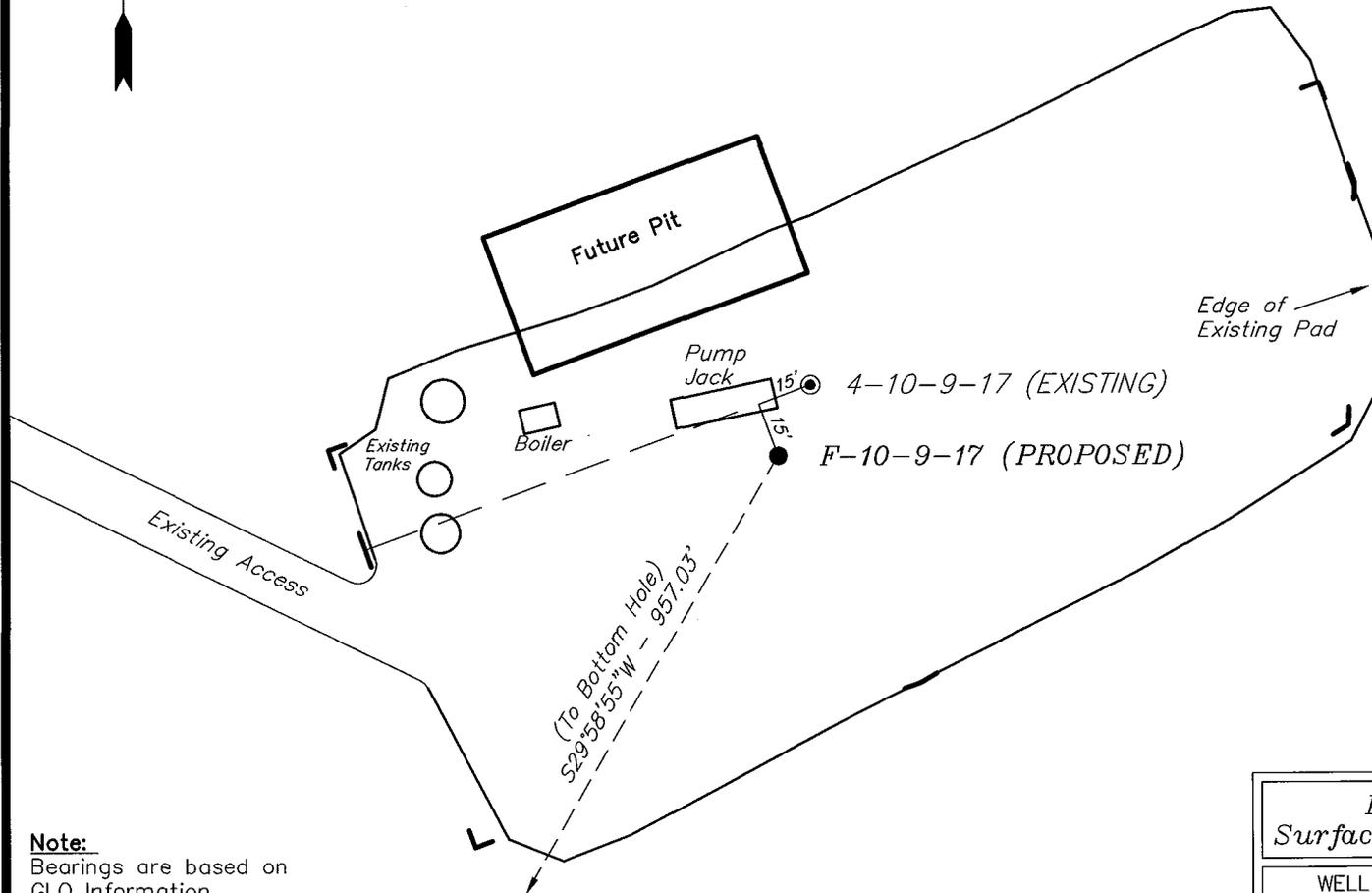
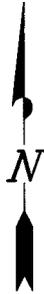
NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

BLACKJACK F-10-9-17 (Proposed Well)

BLACKJACK 4-10-9-17 (Existing Well)

Pad Location: NWNW Section 10, T9S, R17E, S.L.B.&M.



TOP HOLE FOOTAGES

F-10-9-17 (PROPOSED)
427' FNL & 519' FWL

BOTTOM HOLE FOOTAGES

F-10-9-17 (PROPOSED)
1255' FNL & 40' FWL

Note:

Bearings are based on GLO Information.

RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
F-10-9-17	-829'	-478'

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
F-10-9-17	40° 03' 05.54"	110° 00' 01.19"
4-10-9-17	40° 03' 05.73"	110° 00' 01.07"

SURVEYED BY: T.H.	DATE SURVEYED: 11-27-07
DRAWN BY: F.T.M.	DATE DRAWN: 12-11-07
SCALE: 1" = 50'	REVISED: L.C.S. 02-08-08

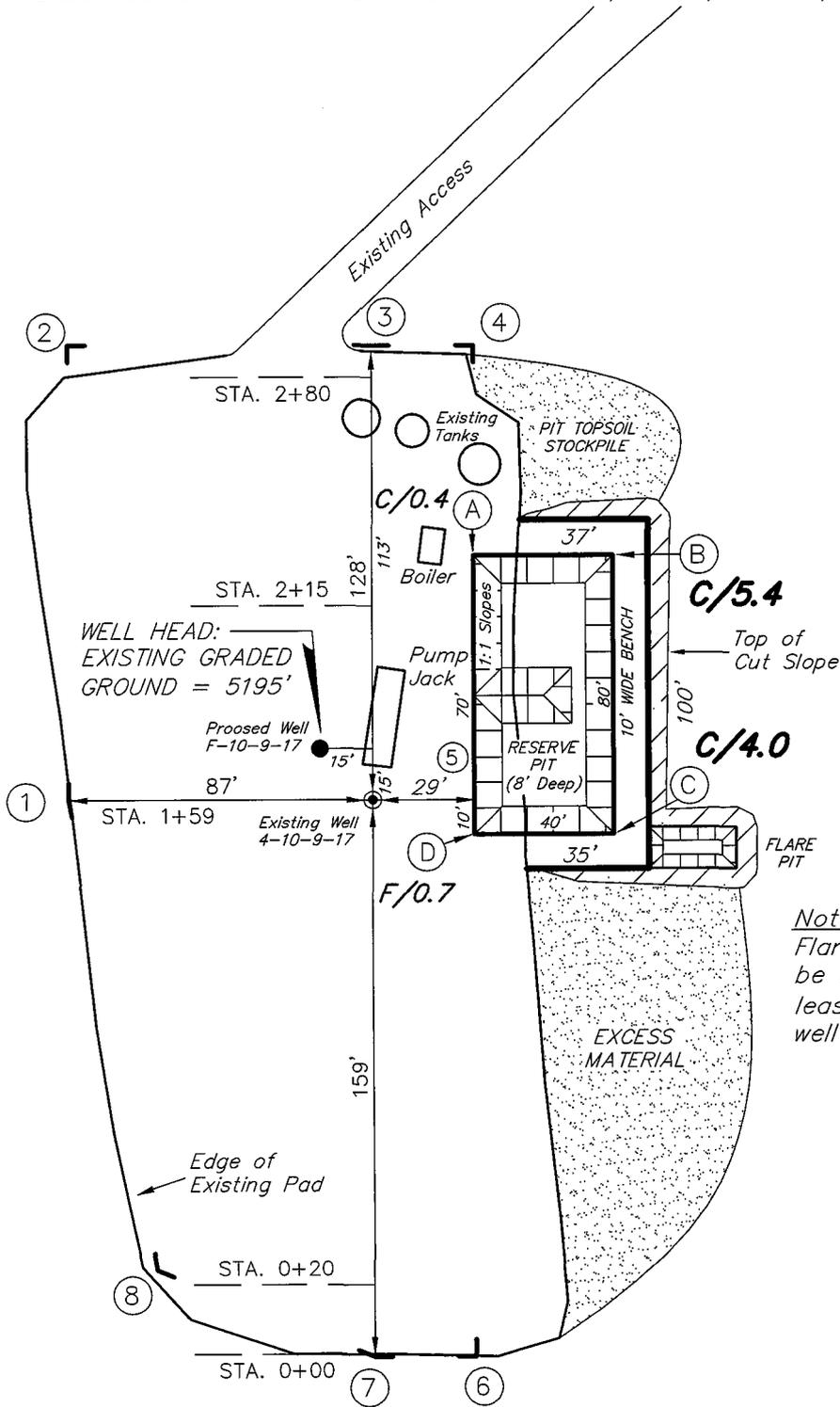
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

BLACKJACK F-10-9-17 (Proposed Well)

BLACKJACK 4-10-9-17 (Existing Well)

Pad Location: NWNW Section 10, T9S, R17E, S.L.B.&M.



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

SURVEYED BY: T.H.	DATE SURVEYED: 11-27-07
DRAWN BY: F.T.M.	DATE DRAWN: 12-11-07
SCALE: 1" = 50'	REVISED:

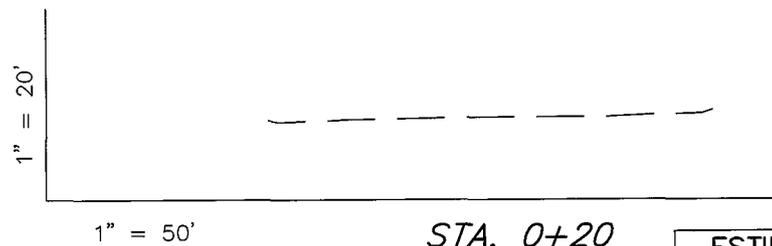
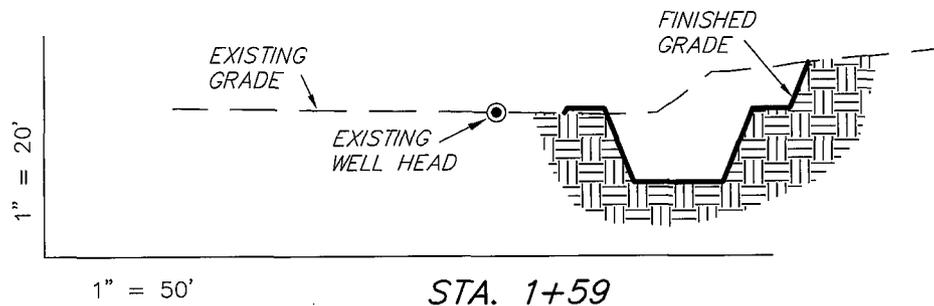
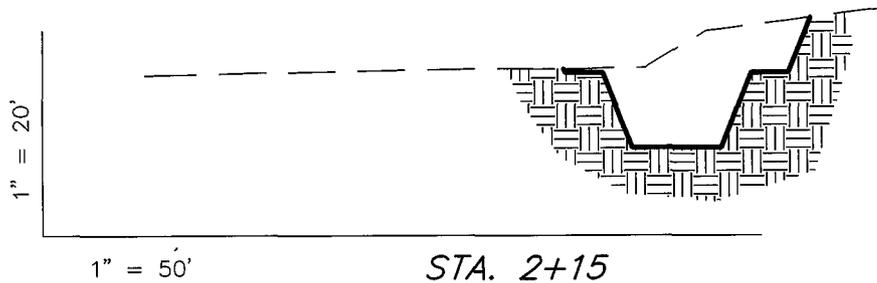
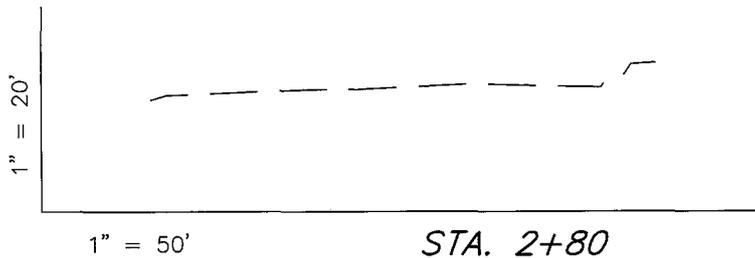
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

BLACKJACK F-10-9-17 (Proposed Well)

BLACKJACK 4-10-9-17 (Existing Well)



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

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	680	10	Topsoil is not included in Pad Cut	670
PIT	640	0		640
TOTALS	1,320	10	140	1,310

SURVEYED BY: T.H.	DATE SURVEYED: 11-27-07
DRAWN BY: F.T.M.	DATE DRAWN: 12-11-07
SCALE: 1" = 50'	REVISED:

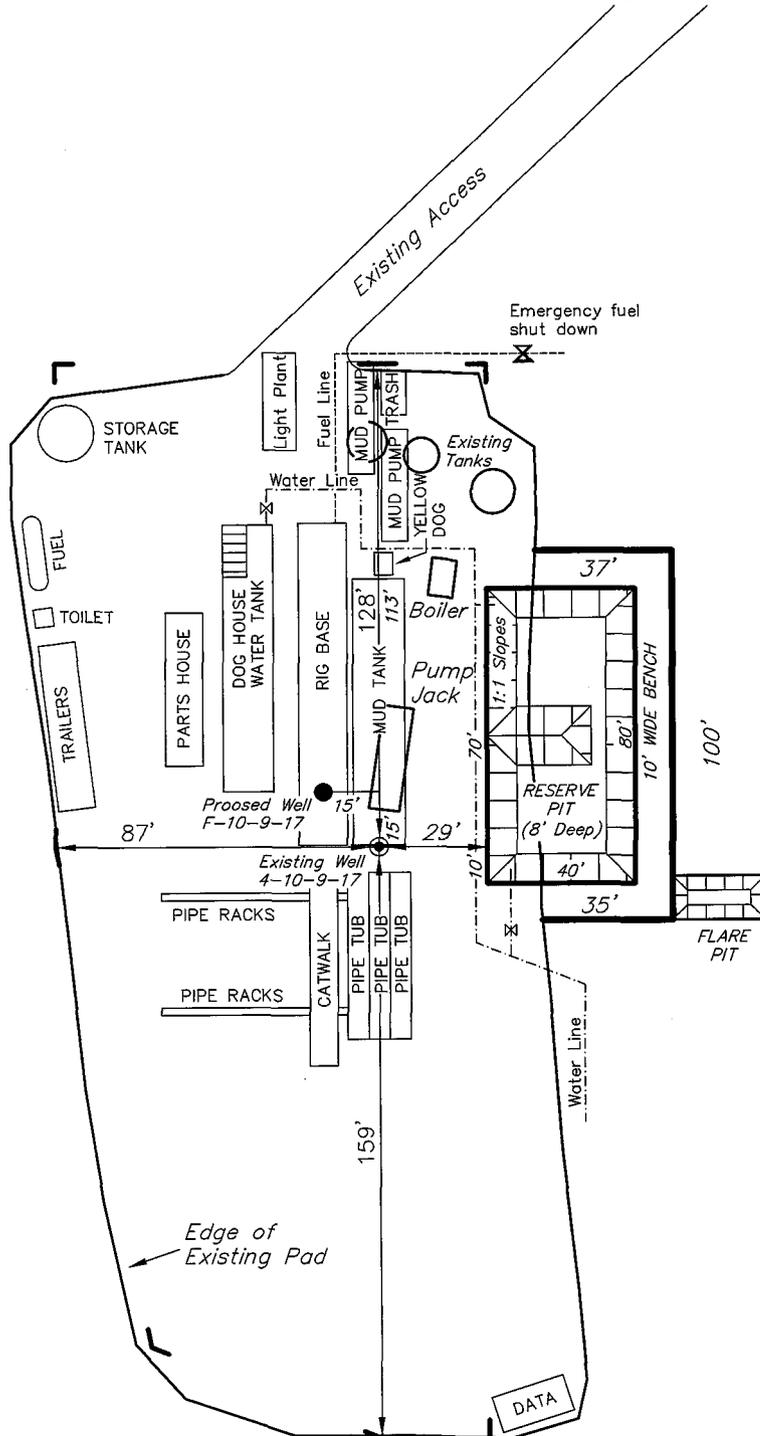
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

BLACKJACK F-10-9-17 (Proposed Well)

BLACKJACK 4-10-9-17 (Existing Well)



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

SURVEYED BY: T.H.	DATE SURVEYED: 11-27-07
DRAWN BY: F.T.M.	DATE DRAWN: 12-11-07
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

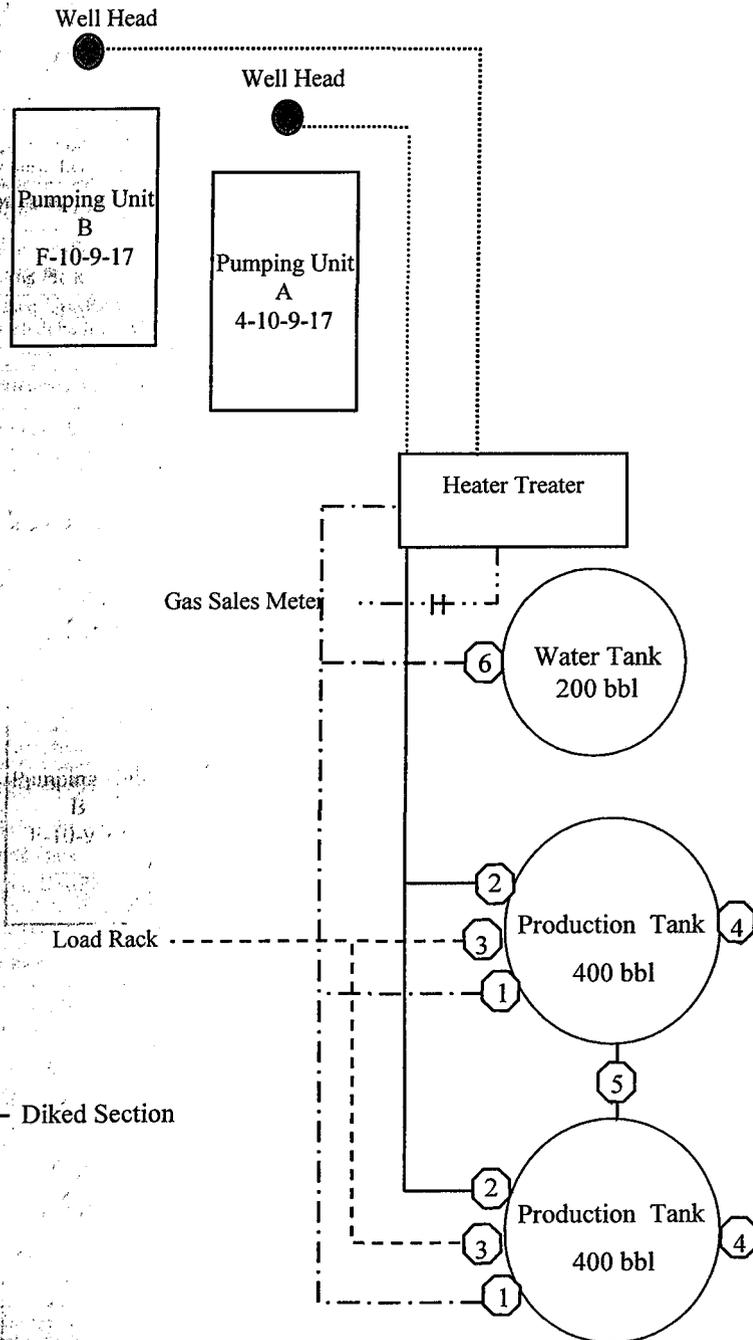
Blackjack Federal F-10-9-17

From the 4-10-9-17 Location

NW/NW Sec. 10 T9S, R17E

Duchesne County, Utah

UTU-65210



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:

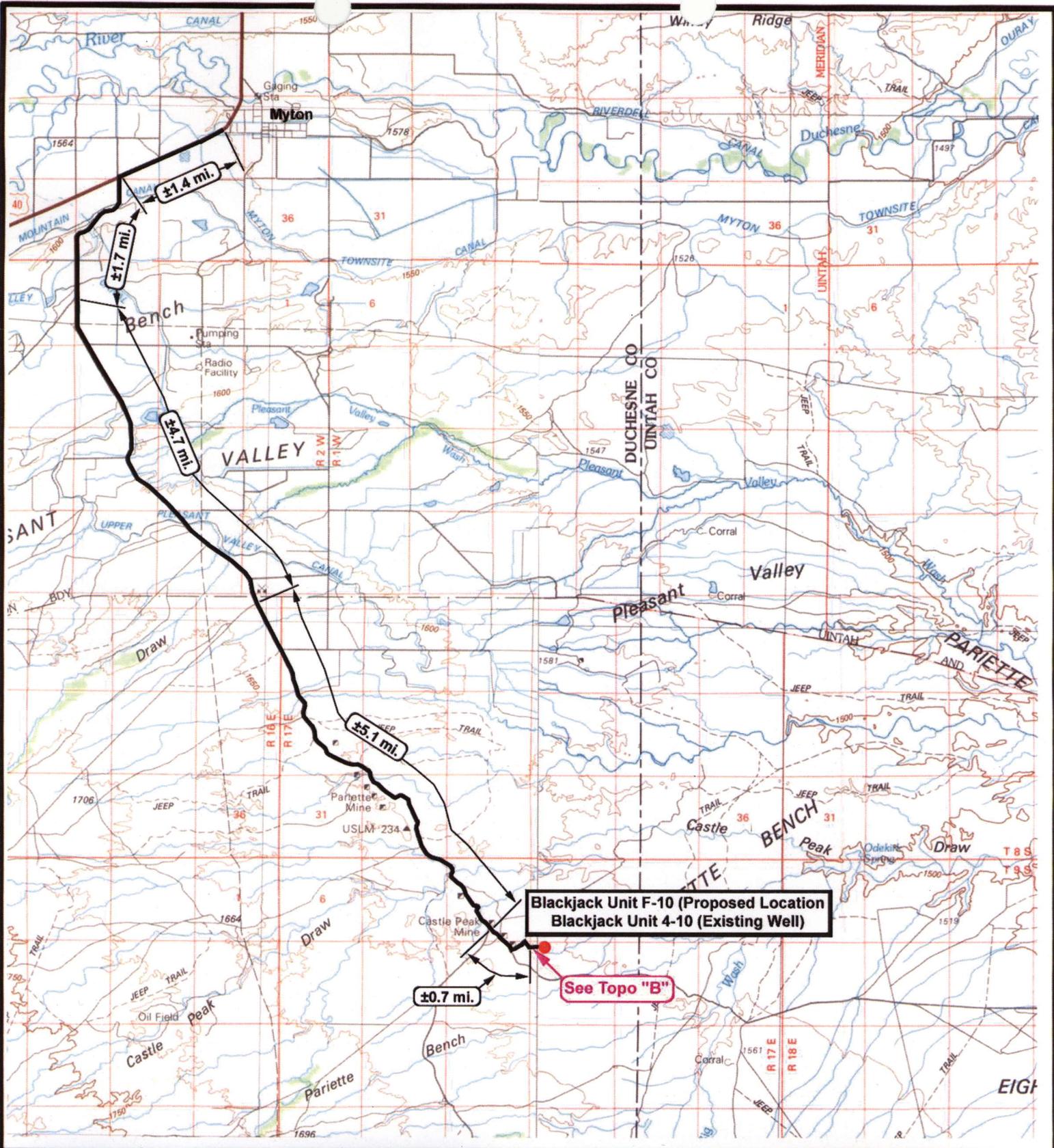
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open

Legend

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



NEWFIELD
Exploration Company

Blackjack Unit F-10-9-17 (Proposed Well)
Blackjack Unit 4-10-9-17 (Existing Well)
SEC. 10, T9S, R17E, S.L.B.&M.



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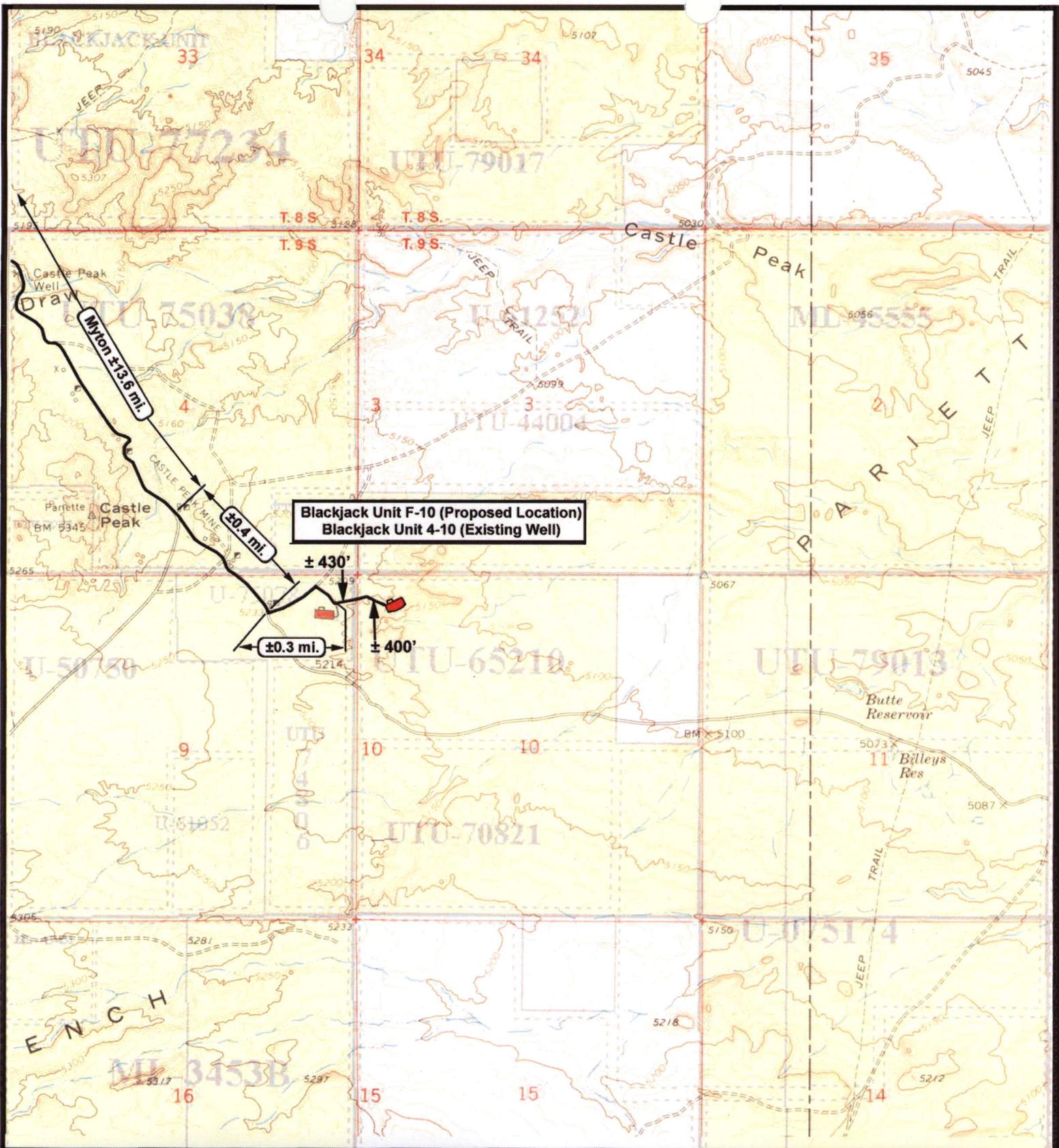
SCALE: 1 = 100,000
DRAWN BY: nc
DATE: 12-13-2007

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

Blackjack Unit F-10-9-17 (Proposed Location)
Blackjack Unit 4-10-9-17 (Existing Location)
Pad Location NWNW SEC. 10, T9S, R17E, S.L.B.&M.



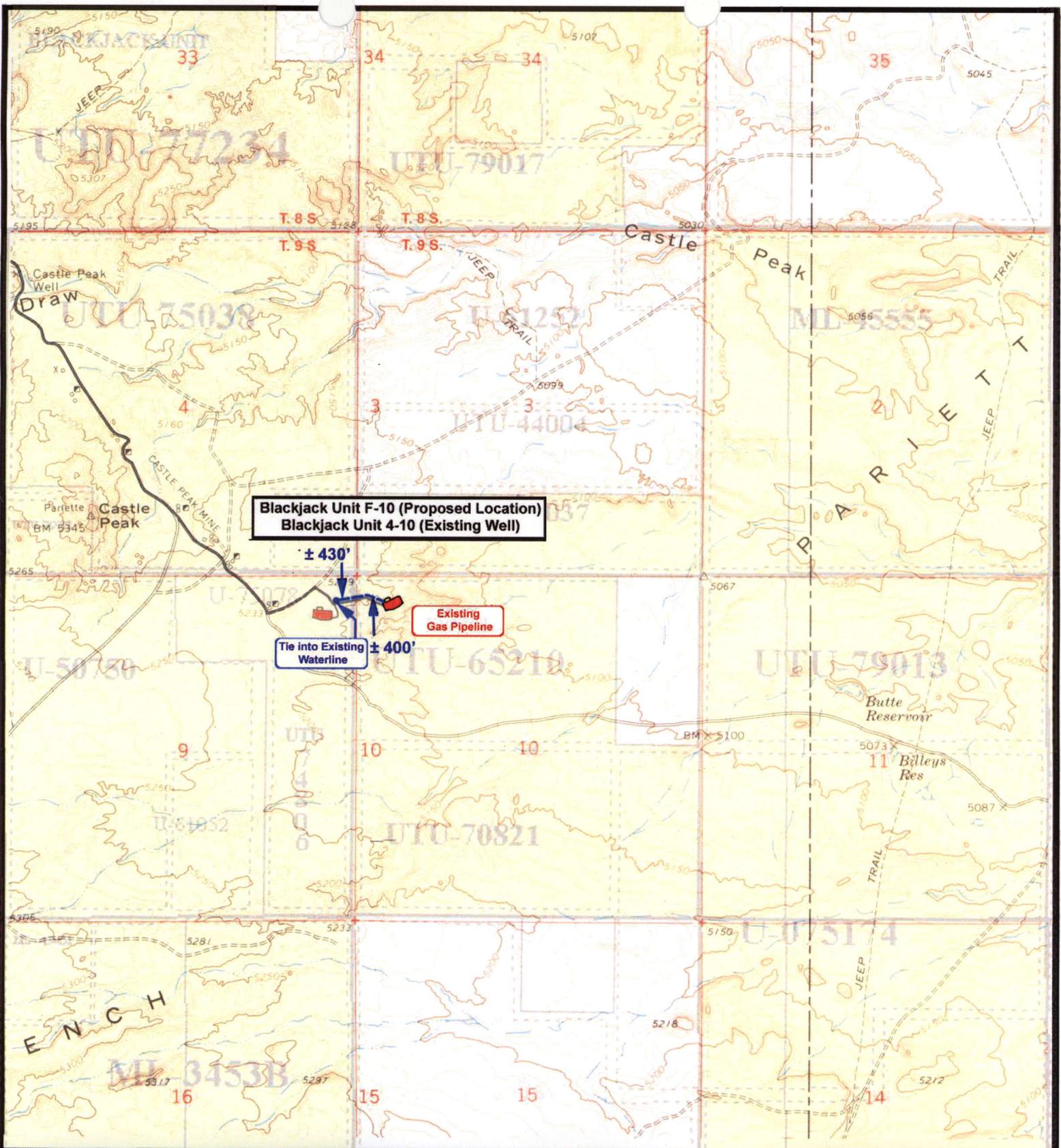
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: nc
DATE: 12-13-2007

Legend

Existing Road

TOPOGRAPHIC MAP
"B"



Blackjack Unit F-10 (Proposed Location)
Blackjack Unit 4-10 (Existing Well)

± 430'
 Tie into Existing Waterline
 ± 400'

Existing Gas Pipeline



NEWFIELD
 Exploration Company

Blackjack Unit F-10-9-17 (Proposed Location)
Blackjack Unit 4-10-9-17 (Existing Location)
 Pad Location NWNW SEC. 10, T9S, R17E, S.L.B.&M.




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

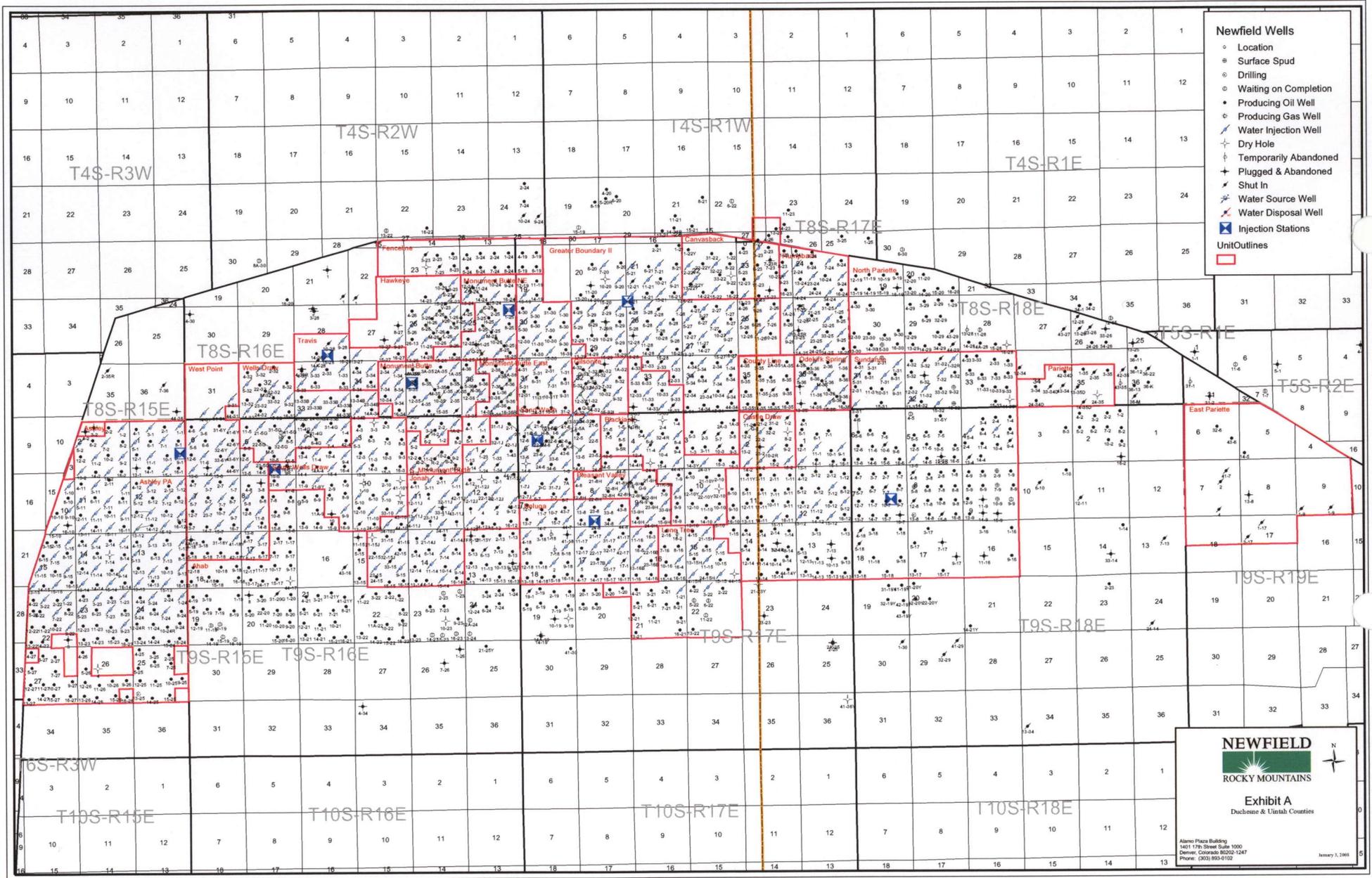
SCALE: 1" = 2,000'
 DRAWN BY: nc
 DATE: 12-13-2007

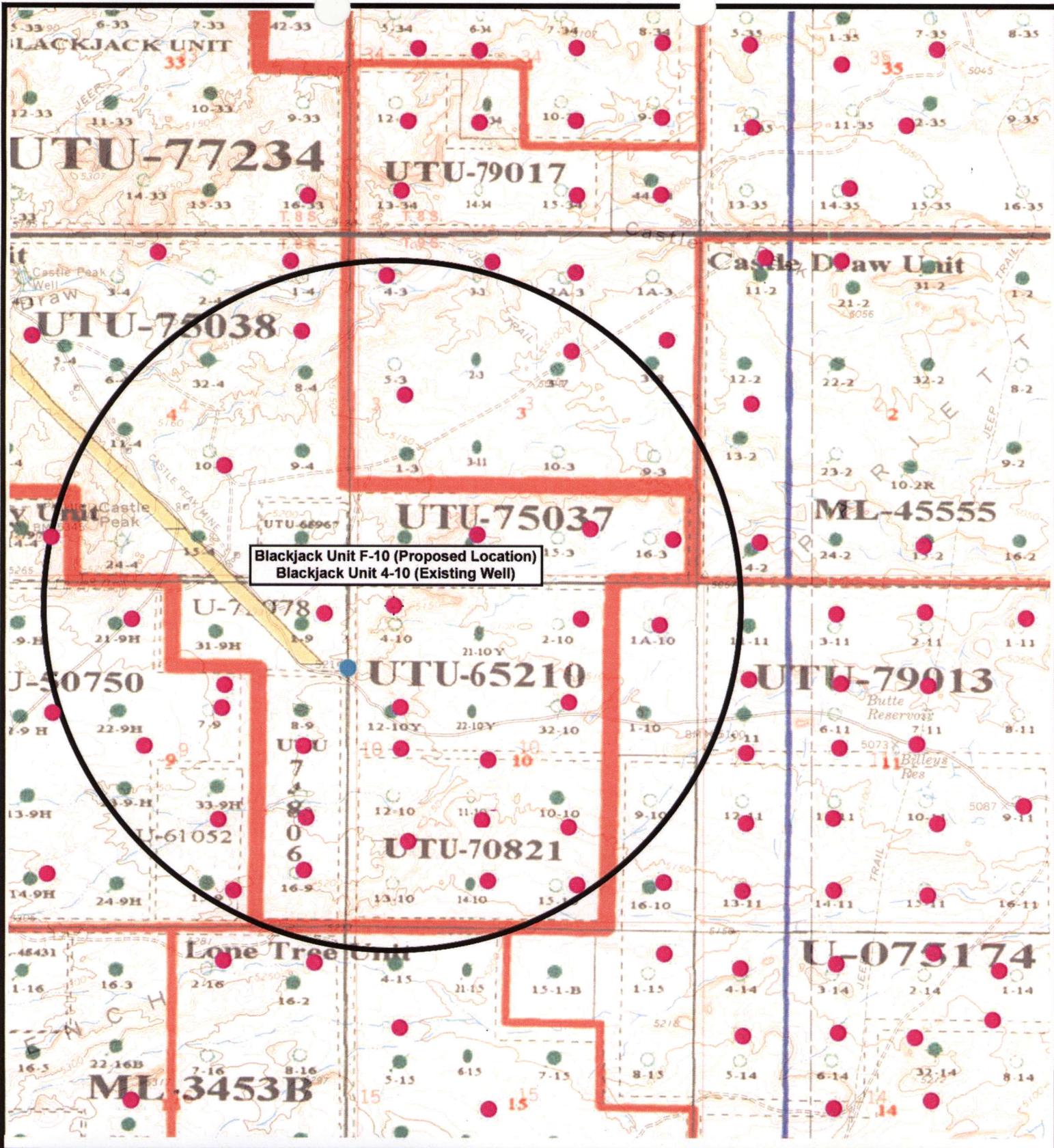
Legend

-  Existing Road
-  Proposed Waterline

TOPOGRAPHIC MAP

"C"





Blackjack Unit F-10 (Proposed Location)
 Blackjack Unit 4-10 (Existing Well)



NEWFIELD
Exploration Company

Blackjack Unit F-10-9-17 (Proposed Location)
Blackjack Unit 4-10-9-17 (Existing Location)
 Pad Location NWNW SEC. 10, T9S, 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: 12-13-2007

Legend

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

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

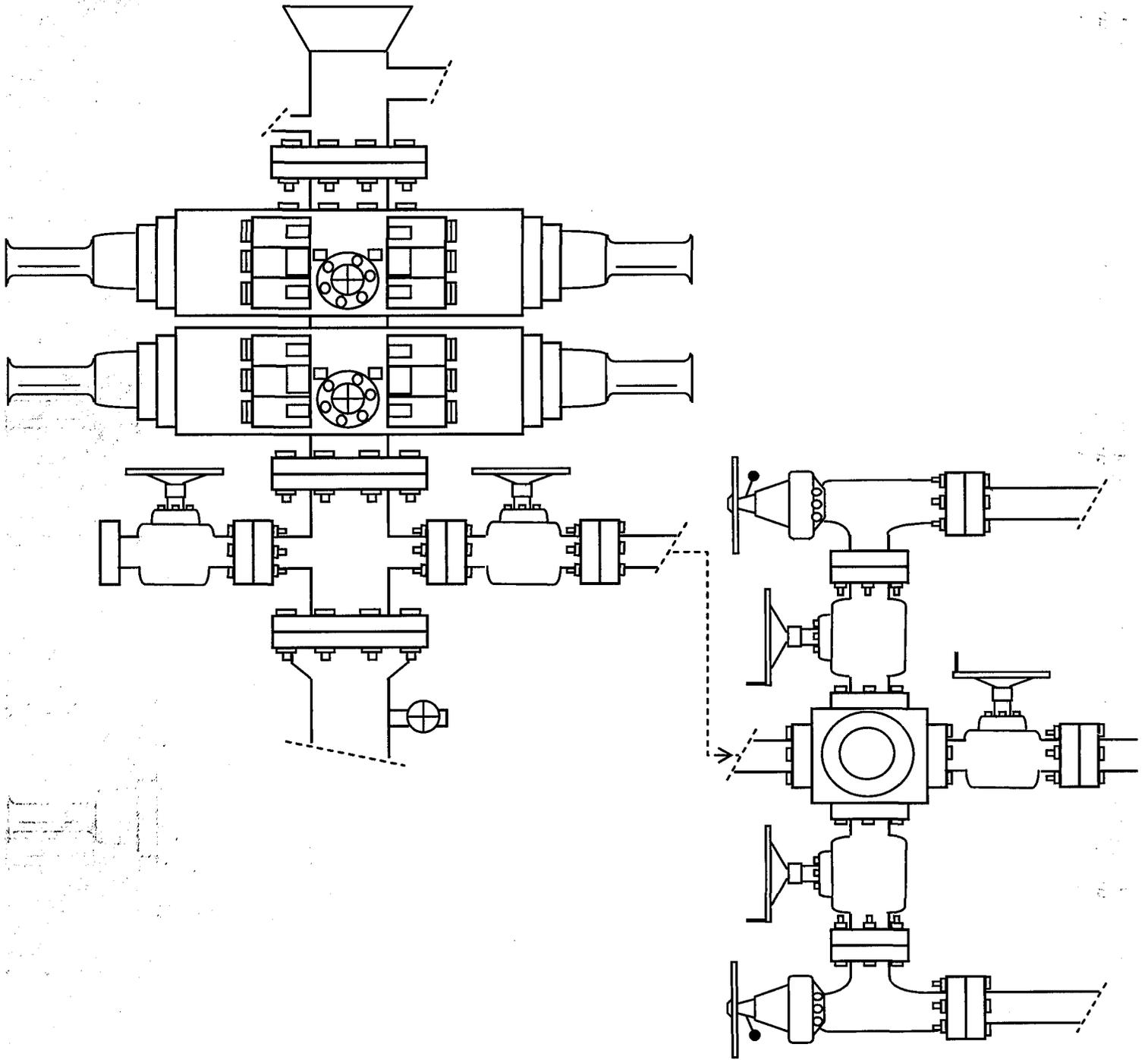


EXHIBIT C

Exhibit "D"
1 of 2

A CULTURAL RESOURCE INVENTORY
IN THE SECOND PORTION OF THE BLACK JACK UNIT BLOCK AREA,
DUCHESNE COUNTY, UTAH

by

Ann S. Polk
Senior Archaeologist

and

Danielle J. Diamond
Assistant Archaeologist

Prepared for:

Inland Production Company
P.O. Box 790233
Vernal, Utah 84079-0233

Prepared by:

Sagebrush Consultants, L.L.C.
3670 Quincy Avenue, Suite 203
Ogden, Utah 84403

Under Authority of Cultural Resources Use Permit No. 97-UT-54630

and

Utah State Antiquities Permit No. U-98-SJ-0217b

Archaeological Report No. 1053-01

June 26, 1998

PALEONTOLOGICAL FIELD SURVEY REPORT

INLAND PRODUCTION COMPANY

BLACKJACK UNIT

SECTIONS 3, 4, 5, 9, AND 10

TOWNSHIP 9 SOUTH, RANGE 17 EAST

DUCHESNE COUNTY, UTAH

March 19, 1998

Uinta #98-3

UINTA



PALEO

BY

**SUE ANN BILBEY, Ph.D.
GEOLOGIST AND PALEONTOLOGIST
UINTA PALEONTOLOGICAL ASSOCIATES
446 SOUTH 100 WEST
VERNAL, UTAH 84078
801-789-1033**

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 03/06/2008

API NO. ASSIGNED: 43-013-33920

WELL NAME: BLACKJACK FED F-10-9-17
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWNW 10 090S 170E
 SURFACE: 0427 FNL 0519 FWL
 BOTTOM: 1255 FNL 0040 FWL
 COUNTY: DUCHESNE
 LATITUDE: 40.05157 LONGITUDE: -109.9996
 UTM SURF EASTINGS: 585330 NORTHINGS: 4433750
 FIELD NAME: MONUMENT BUTTE (105)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-65210
 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)

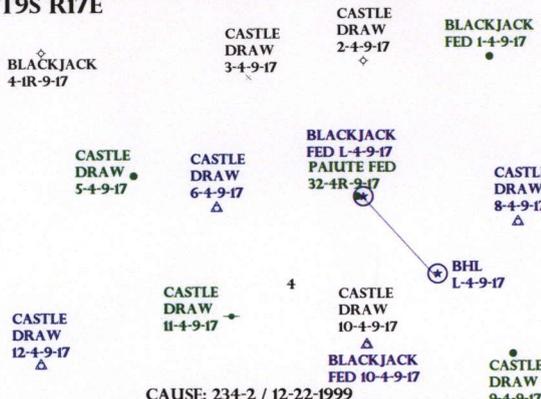
LOCATION AND SITING:

- R649-2-3.
- Unit: BLACKJACK (GR)
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 234.2
Eff Date: 12-22-1999
Siting: Suspends June Siting
- R649-3-11. Directional Drill

COMMENTS: _____

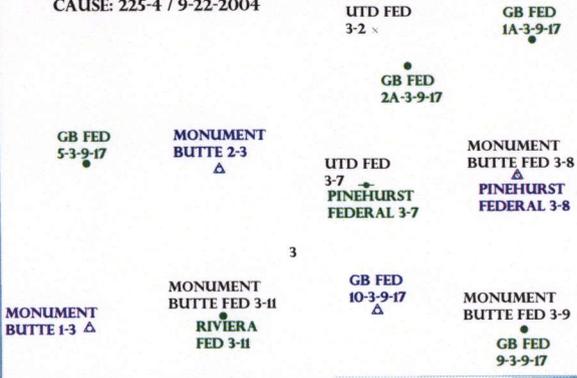
STIPULATIONS: 1 Federal Offshore

**T8S R17E
T9S R17E**



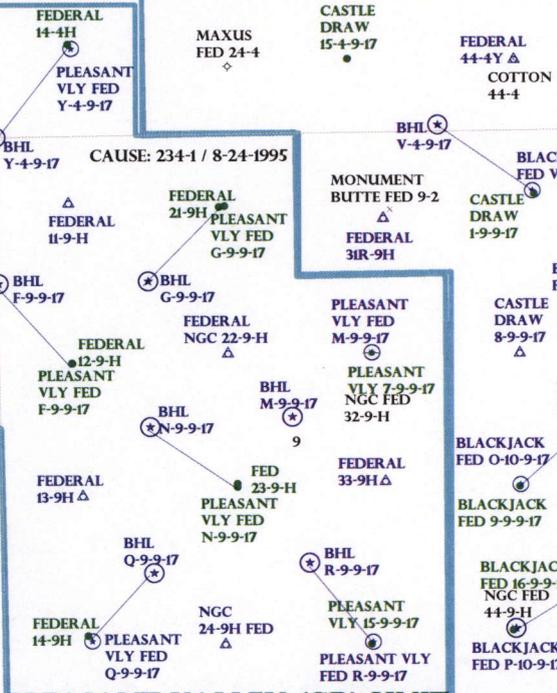
BLACKJACK (GR) UNIT
CAUSE: 234-2 / 12-22-1999

GREATER BOUNDARY II UNIT
CAUSE: 225-4 / 9-22-2004



MONUMENT BUTTE FIELD

BLACKJACK (GR) UNIT



PLEASANT VALLEY (GR) UNIT

BELUGA (GR) UNIT
CAUSE: 228-4 / 2-4-1996

LONE TREE (GR) UNIT
CAUSE: 228-5 / 8-26-1998

OPERATOR: NEWFIELD PROD CP (N2695)
SEC: 9,10 T.9S R. 17E
FIELD: MONUMENT BUTTE (105)
COUNTY: DUCHESNE
CAUSE: 234-2 / 12-22-1999

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

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



PREPARED BY: DIANA MASON
DATE: 06-MARCH-2008



March 11, 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
Blackjack Federal F-10-9-17
Blackjack Unit
UTU-78560X
Surface Hole: T9S R17E, Section 10: NW/4NW/4
427' FNL 519' FWL
At Target: T9S R17E, Section 10
1255' FNL 40' FWL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated February 29, 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 Blackjack Federal Unit UTU-78560X. Newfield certifies that it is the Blackjack Unit Operator and all lands within 460 feet of the entire directional well bore are within the Blackjack 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,
NEWFIELD PRODUCTION COMPANY

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

Roxann Eveland
Land Associate

RECEIVED
MAR 14 2008
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
UTU-65210

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

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

8. Lease Name and Well No.
Blackjack Federal F-10-9-17

9. API Well No.

10. Field and Pool, or Exploratory Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
Sec. 10, T9S R17E

12. County or Parish
Duchesne

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 **NW/NW 427' FNL 519' FWL**
At proposed prod. zone **1255' FNL 40' FWL**

14. Distance in miles and direction from nearest town or post office*
(See Appendix A) **Approximately 14.4 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. 140' file, 1360' flunit**

16. No. of Acres in lease
240.00

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. 1337'**

19. Proposed Depth
5925'

20. BLM/BIA Bond No. on file
WYB000493

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5195' GL

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

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

24. Attachments

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

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

25. Signature: *Mandie Crozier* Name (Printed/Typed) **Mandie Crozier** Date **2/29/08**

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)

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

25. Signature: _____ Name (Printed/Typed) _____ Date _____

Title: _____ Office _____

RECEIVED
MAR 14 2008
DIV. OF OIL, GAS & MINING

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 7, 2008

Memorandum

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

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

API#	WELL NAME	LOCATION
	(Proposed PZ Green River)	
43-013-33921	Blackjack Fed L-4-9-17	Sec 04 T09S R17E 1895 FNL 1998 FEL BHL Sec 04 T09S R17E 2605 FNL 1345 FEL
43-013-33918	Blackjack Fed P-10-9-17	Sec 09 T09S R17E 0765 FSL 0734 FEL BHL Sec 10 T09S R17E 1250 FSL 0100 FWL
43-013-33917	Blackjack Fed Q-10-9-17	Sec 10 T09S R17E 0324 FSL 0705 FWL BHL Sec 10 T09S R17E 1205 FSL 1245 FWL
43-013-33919	Blackjack Fed G-10-9-17	Sec 10 T09S R17E 1996 FNL 0634 FWL BHL Sec 10 T09S R17E 1220 FNL 1210 FWL
43-013-33920	Blackjack Fed F-10-9-17	Sec 10 T09S R17E 0427 FNL 0519 FWL BHL Sec 10 T09S R17E 1255 FNL 0040 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



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 20, 2008

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

Re: Blackjack Federal F-10-9-17 Well, Surface Location 427' FNL, 519' FWL, NW NW, Sec. 10, T. 9 South, R. 17 East, Bottom Location 1255' FNL, 40' FWL, NW NW, Sec. 10, T. 9 South, R. 17 East, Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33920.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Newfield Production Company
Well Name & Number Blackjack Federal F-10-9-17
API Number: 43-013-33920
Lease: UTU-65210

Surface Location: NW NW Sec. 10 T. 9 South R. 17 East
Bottom Location: NW NW Sec. 10 T. 9 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.

4006M

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Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-65210
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. Blackjack Unit
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Blackjack Federal F-10-9-17
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/NW 427' FNL 519' FWL At proposed prod. zone 1255' FNL 40' FWL <i>NW/NW</i>		9. API Well No. <i>43 013 33920</i>
14. Distance in miles and direction from nearest town or post office* <i>Approximatley 14.4 miles southeast of Myton, Utah</i>		10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 140' f/lse, 1360' f/unit	16. No. of Acres in lease 240.00	11. Sec., T., R., M., or Blk. and Survey or Area Sec. 10, T9S R17E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1337'	19. Proposed Depth 5925'	12. County or Parish Duchesne
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5195' GL	22. Approximate date work will start* 2nd Quarter 2008	13. State UT
20. BLM/BIA Bond No. on file WYB000493		
23. Estimated duration Approximately seven (7) days from spud to rig release.		
24. Attachments		

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

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 2/29/08
Title Regulatory Specialist		
Approved by (Signature) <i>Jay Kenecka</i>	Name (Printed/Typed) JAY KENECKA	Date 5-5-2008
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)

NOTICE OF APPROVAL **CONDITIONS OF APPROVAL ATTACHED**

RECEIVED
MAY 14 2008

DIV. OF OIL, GAS & MINING

NOS 1-8-08
08 PPO 329A



**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: Blackjack Federal F-10-9-17
API No: 43-013-33920

Location: NWNW, Sec 10, T9S, R17E
Lease No: UTU-65210
Agreement: Blackjack 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

Lease Notices from RMP:

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

Comments:

- GIS data shows the project area is within Mountain plover nesting habitat. Because the proposed location is going to be directional drilled from an existing location and no new disturbance will be required Mountain plover timing restrictions were not applied.
- During the onsite it was evident that scattered complexes of White-tailed prairie dog colonies (Burrowing owl nesting habitat) were in the area. Because the proposed location is going to be directional drilled from an existing location and no new disturbance will be required Burrowing owl timing restrictions were not applied.
- The project area is located within 300 yards of two Golden eagle nests. Both nests have been inactive at least the past two consecutive years (2006-2007). Reasoning for no timing restrictions applied to the project area is that the nests are falling apart.

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) should require additional surveys and clearances.
- Monitor the construction of the 830 feet of water lines by authorized paleontologist.

CONDITIONS OF APPROVAL:

- The well pad and access/pipeline require monitoring by a qualified Paleontologist prior to and during any surface disturbing activity.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- All pipelines (surface and buried) will be laid within one 50' wide construction ROW, on one side of the road, and will reduce down to a 30' wide permanent ROW on lease.
- A temporary road ROW will not be granted. The road ROW will be 30 foot for construction and will reduce to an 18 foot running surface.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed. All roads will have an 18', crowned (2 to 3% minimum), running surface. All roads will have drainage ditches along both sides of road.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- To insure impermeability, the reserve pit will be lined with a 16 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- Any hydrocarbons in the reserve pit will be removed immediately upon well completion; in accordance with 43 CFR 3162.7-1. Pits must be free of oil and other liquid and solid wastes prior to filling.
- Monument Butte SOP, Section 9.2 - Pit Fencing Minimum Standards - will be strictly adhered to. To include 9.2.2.3 - Corner posts will be cemented and/or braced in such a manner as to keep fence tight at all times.

- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- Cactus survey required for new water pipeline. If cactus is present, pipeline must be buried in access road.
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. This will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

Interim Reclamation:

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

Seed mix:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	<i>Elymus elymoides</i>	3.0	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"
Forage Kochia	<i>Kochia prostratus</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 should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- None

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

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

OPERATING REQUIREMENT REMINDERS:

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

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

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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: BLACKJACK FED F-10-9-17

Api No: 43-013-33920 Lease Type: FEDERAL

Section 10 Township 09S Range 17E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 21

SPUDDED:

Date 07/21/08

Time 10:15 AM

How DRY

Drilling will Commence: _____

Reported by SEAN STEVENS

Telephone # (435) 823-1162

Date 07/21//08 Signed CHD

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

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

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	16993	4304739396	FEDERAL 10-19-9-18	NWSE	19	9S	18E	UINTAH	7/16/2008	7/31/08
WELL 1 COMMENTS: GRRV											
B	99999	10628	4301333707	TRAVIS FEDERAL J-33-8-16	SESE	33	8S	16E	DUCHESNE	7/17/2008	7/31/08
WELL 2 COMMENTS: GRRV BHL = Sec 33 NENE NWNW 34											
B	99999	14844	4304736405	SUNDANCE FEDERAL 8-13-9-17	SENE	13	9S	17E	UINTAH	7/18/2008	7/31/08
WELL 3 COMMENTS: GRRV											
A	99999	16994	4304739702	UTE TRIBAL 5-8-5-2E	SWNW	8	5S	2E	UINTAH	7/21/2008	7/31/08
WELL 4 COMMENTS: GRRV											
B	99999	12704	4301333920	BLACKJACK FEDERAL F-10-9-17	NWNW	10	9S	17E	DUCHESNE	7/21/2008	7/31/08
WELL 5 COMMENTS: GRRV BHL = NWNW											
A	99999	16995	4304739953	UTE TRIBAL 16-35-4-1	SESE	35	4S	1E	UINTAH	7/23/2008	7/31/08
WELL 6 COMMENTS: GRRV											

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

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

RECEIVED
 JUL 28 2008

DIV. OF OIL, GAS & MINING

Jentri Park
 Signature
 Jentri Park
 Production Clerk
 07/24/08
 Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 NWNW Section 10 T9S R17E

5. Lease Serial No.
 USA UTU-65210

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
 BLACKJACK FEDERAL F-10-9-17

9. API Well No.
 4301333920

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

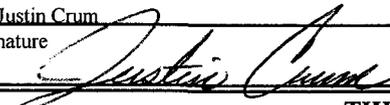
11. County or Parish, State
 DUCHESNE, UT

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

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

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

On 8/21/08 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 @ 275'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6030'. 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, 138 jt's of 5.5 J-55, 15.5# csgn. Set @ 6040' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 23 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 100,000 #'s tension. Release rig @ 10:30 PM on 8/30/08.

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

Title
 Drilling Foreman

Date
 09/30/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

Title _____ Date _____
 Office _____

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

(Instructions on page 2)

RECEIVED

OCT 02 2008

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

_____ 5 1/2" CASING SET AT _____ 6040.89

Flt cllr @ _____ 5984

LAST CASING 8 5/8" SET A 323.85'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL BJ Fed F-10-9-17

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # NDSI # 1

TO DRILLER _____ Loggers

HOLE SIZE 7 7/8"

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 3896' (5.50)					
137	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5984.24
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	43.4
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6042.89
TOTAL LENGTH OF STRING		6042.89	138	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		304.71	7	CASING SET DEPTH			6040.89
TOTAL		6332.35	145	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6332.35	145				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.			7:30 AM	GOOD CIRC THRU JOB <u>Yes</u>			
CSG. IN HOLE			11:00 AM	Bbls CMT CIRC TO SURFACE <u>23</u>			
BEGIN CIRC			11:05 AM	RECIPROCATED PIPE FOR <u>THRUSTROKE NA</u>			
BEGIN PUMP CMT			16:41	DID BACK PRES. VALVE HOLD ? <u>yes</u>			
BEGIN DSPL. CMT			17:30	BUMPED PLUG TO <u>1680</u> PSI			
PLUG DOWN			17:58				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	302	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 8/30/2008

(See other instructions on reverse side)

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

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

5. LEASE DESIGNATION AND SERIAL NO.

UTU-65210

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

1a. TYPE OF WORK

OIL WELL GAS WELL DRY Other _____

7. UNIT AGREEMENT NAME

BLACKJACK UNIT

1b. TYPE OF WELL

NEW WELL WORK OVER DEEPEN PLUG BACK DIFF RESVR. Other _____

8. FARM OR LEASE NAME, WELL NO.

BLACKJACK FEDERAL F-10-9-17

2. NAME OF OPERATOR

Newfield Exploration Company

9. WELL NO.

43-013-33920

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

10. FIELD AND POOL OR WILDCAT

Monument Butte

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

At Surface 427' FNL & 519' FWL (NW/NW) Sec. 10, T9S, R17E

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 10, T9S, R17E

At top prod. Interval reported below

At total depth

1307 fnl 13 fw

per HSM review

14. API NO. 43-013-33920

DATE ISSUED 3/20/08

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUNDED

7/21/08

16. DATE T.D. REACHED

8/29/08

17. DATE COMPL. (Ready to prod.)

10/9/08

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5195' GL

19. ELEV. CASINGHEAD

5207' KB

20. TOTAL DEPTH, MD & TVD

6030' 5925

21. PLUG BACK T.D., MD & TVD

5996' 5892

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 4040-5830'

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 *RPM*

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#	323.85'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6040.89'	7-7/8"	350 sx Premlite II and 450 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5860'	TA @ 5794'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP5) 5824-30', 5808-16' & (CP4) 5762-70'	.49"	4/88	5762-5830'	Frac w/ 38257# 20/40 sand in 473 bbls fluid
(CP3) 5674-86'	.49"	4/48	5674-5686'	Frac w/ 28246# 20/40 sand in 399 bbls fluid
(CP1) 5546-70' & (CP2) 5584-96'	.49"	4/144	5546-5596'	Frac w/ 64410# 20/40 sand in 555 bbls fluid
(A1) 5164-80'	.49"	4/64	5164-5180'	Frac w/ 24071# 20/40 sand in 351 bbls fluid
B.5) 4948-56', (B1) 4986-92', (B2) 5016-28'	.49"	4/104	4948-5028'	Frac w/ 58995# 20/40 sand in 526 bbls fluid
(C) 4862-4874'	.49"	4/48	4862-4874'	Frac w/ 34321# 20/40 sand in 387 bbls fluid
(GB2) 4040-4056'	.49"	4/64	4040-4056'	Frac w/ 45048# 20/40 sand in 400 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)					
10/9/08	2-1/2" x 1-3/4" x 14' x 18' RHAC Rod Pump	PRODUCING					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10/10/08				10	0	10	0
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

RECEIVED

TEST WITNESSED BY

OCT 21 2008

35. LIST OF ATTACHMENTS

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

DIV. OF OIL, GAS & MINING

SIGNED *Tammi Lee*

TITLE Production Clerk

DATE 10/14/2008

Tammi Lee

TL

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);		38. GEOLOGIC MARKERS																																								
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.																																							
			<p style="text-align: center;">Well Name BLACKJACK FEDERAL F-10-9-17</p>																																							
			<table border="1"> <thead> <tr> <th>NAME</th> <th>MEAS. DEPTH</th> <th>TRUE VERT. DEPTH</th> </tr> </thead> <tbody> <tr> <td>Garden Gulch Mkr</td> <td>3690'</td> <td></td> </tr> <tr> <td>Garden Gulch 1</td> <td>3882'</td> <td></td> </tr> <tr> <td>Garden Gulch 2</td> <td>3998'</td> <td></td> </tr> <tr> <td>Point 3 Mkr</td> <td>4264'</td> <td></td> </tr> <tr> <td>X Mkr</td> <td>4507'</td> <td></td> </tr> <tr> <td>Y-Mkr</td> <td>4545'</td> <td></td> </tr> <tr> <td>Douglas Creek Mkr</td> <td>4677'</td> <td></td> </tr> <tr> <td>BiCarbonate Mkr</td> <td>4917'</td> <td></td> </tr> <tr> <td>B Limestone Mkr</td> <td>5048'</td> <td></td> </tr> <tr> <td>Castle Peak</td> <td>5508'</td> <td></td> </tr> <tr> <td>Basal Carbonate</td> <td>5924'</td> <td></td> </tr> <tr> <td>Total Depth (LOGGERS)</td> <td>Not Listed</td> <td></td> </tr> </tbody> </table>	NAME	MEAS. DEPTH	TRUE VERT. DEPTH	Garden Gulch Mkr	3690'		Garden Gulch 1	3882'		Garden Gulch 2	3998'		Point 3 Mkr	4264'		X Mkr	4507'		Y-Mkr	4545'		Douglas Creek Mkr	4677'		BiCarbonate Mkr	4917'		B Limestone Mkr	5048'		Castle Peak	5508'		Basal Carbonate	5924'		Total Depth (LOGGERS)	Not Listed	
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NEWFIELD



NEWFIELD EXPLORATION

USGS Myton SW (UT)

SECTION 10

F-10-9-17

Wellbore #1

Survey: Survey #1

Standard Survey Report

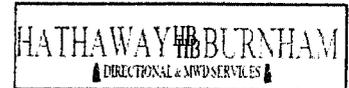
03 September, 2008

HATHAWAY HB BURNHAM
DIRECTIONAL & MWD SERVICES



Hathaway Burnham

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 10
Well: F-10-9-17
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well F-10-9-17
TVD Reference: F-10-9-17 @ 5207.0ft (KB ELEVATION)
MD Reference: F-10-9-17 @ 5207.0ft (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 10, SEC 10 TT9S, R17E

Site Position:	Northing: 7,188,895.00ft	Latitude: 40° 2' 44.227 N
From: Lat/Long	Easting: 2,062,318.00ft	Longitude: 109° 59' 34.330 W
Position Uncertainty: 0.0 ft	Slot Radius: "	Grid Convergence: 0.97 °

Well: F-10-9-17, SHL LAT: 40° 03' 056.54", LONG: 110° 00' 01.19"

Well Position	+N/-S 0.0 ft	Northing: 7,191,016.03 ft	Latitude: 40° 3' 5.540 N
	+E/-W 0.0 ft	Easting: 2,060,193.37 ft	Longitude: 110° 0' 1.190 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	7/29/2008	11.64	65.89	52,595

Design: Wellbore #1

Audit Notes:

Version: 1.0	Phase: ACTUAL	Tie On Depth: 0.0
---------------------	----------------------	--------------------------

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	209.98

Survey Program: Date 9/3/2008

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
439.0	6,030.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
439.0	0.20	255.90	439.0	-0.2	-0.7	0.5	0.05	0.05	0.00
470.0	0.20	269.50	470.0	-0.2	-0.8	0.6	0.15	0.00	43.87
500.0	0.30	219.00	500.0	-0.3	-1.0	0.7	0.77	0.33	-168.33
531.0	0.50	216.50	531.0	-0.4	-1.1	0.9	0.65	0.65	-8.06
562.0	0.80	196.30	562.0	-0.8	-1.2	1.3	1.20	0.97	-65.16
592.0	1.00	195.10	592.0	-1.2	-1.4	1.7	0.67	0.67	-4.00
623.0	1.40	189.60	623.0	-1.8	-1.5	2.3	1.34	1.29	-17.74
654.0	1.70	188.80	654.0	-2.7	-1.6	3.1	0.97	0.97	-2.58
684.0	2.00	186.20	684.0	-3.6	-1.7	4.0	1.04	1.00	-8.67
715.0	2.20	186.90	714.9	-4.8	-1.9	5.1	0.65	0.65	2.26
745.0	2.50	190.70	744.9	-6.0	-2.1	6.2	1.13	1.00	12.67
776.0	2.90	190.70	775.9	-7.4	-2.3	7.6	1.29	1.29	0.00



Company: NEWFIELD EXPLORATION
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 Survey Calculation Method: Minimum Curvature
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Survey

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807.0	3.10	196.70	806.8	-9.0	-2.7	9.1	1.20	0.65	19.35
839.0	3.40	199.90	838.8	-10.7	-3.3	10.9	1.10	0.94	10.00
870.0	3.70	201.20	869.7	-12.5	-4.0	12.8	1.00	0.97	4.19
901.0	4.00	200.40	900.7	-14.4	-4.7	14.9	0.98	0.97	-2.58
932.0	4.30	200.80	931.6	-16.5	-5.5	17.1	0.97	0.97	1.29
963.0	4.50	200.10	962.5	-18.8	-6.3	19.4	0.67	0.65	-2.26
995.0	5.00	200.00	994.4	-21.3	-7.2	22.0	1.56	1.56	-0.31
1,026.0	5.30	201.20	1,025.2	-23.9	-8.2	24.8	1.03	0.97	3.87
1,057.0	5.70	203.70	1,056.1	-26.6	-9.4	27.7	1.50	1.29	8.06
1,088.0	6.00	205.20	1,086.9	-29.5	-10.7	30.9	1.09	0.97	4.84
1,120.0	6.30	206.40	1,118.8	-32.6	-12.2	34.3	1.02	0.94	3.75
1,151.0	6.40	206.90	1,149.6	-35.6	-13.7	37.7	0.37	0.32	1.61
1,182.0	6.90	205.00	1,180.4	-38.9	-15.3	41.3	1.76	1.61	-6.13
1,213.0	7.40	204.70	1,211.1	-42.4	-16.9	45.1	1.62	1.61	-0.97
1,245.0	7.70	206.30	1,242.8	-46.2	-18.7	49.3	1.14	0.94	5.00
1,276.0	7.90	205.40	1,273.6	-49.9	-20.5	53.5	0.76	0.65	-2.90
1,308.0	8.40	206.30	1,305.2	-54.0	-22.5	58.0	1.61	1.56	2.81
1,339.0	8.90	206.90	1,335.9	-58.2	-24.6	62.7	1.64	1.61	1.94
1,370.0	9.40	208.30	1,366.5	-62.6	-26.9	67.6	1.77	1.61	4.52
1,401.0	9.80	208.00	1,397.0	-67.1	-29.3	72.8	1.30	1.29	-0.97
1,433.0	10.10	208.20	1,428.6	-72.0	-31.9	78.3	0.94	0.94	0.63
1,464.0	10.60	208.40	1,459.1	-76.9	-34.6	83.9	1.62	1.61	0.65
1,495.0	10.60	206.70	1,489.5	-82.0	-37.2	89.6	1.01	0.00	-5.48
1,527.0	10.60	206.50	1,521.0	-87.2	-39.8	95.5	0.11	0.00	-0.63
1,558.0	10.50	205.30	1,551.5	-92.3	-42.3	101.1	0.78	-0.32	-3.87
1,589.0	10.50	205.40	1,581.9	-97.4	-44.7	106.7	0.06	0.00	0.32
1,620.0	10.80	204.20	1,612.4	-102.6	-47.1	112.5	1.20	0.97	-3.87
1,651.0	10.90	206.50	1,642.9	-107.9	-49.6	118.3	1.43	0.32	7.42
1,682.0	10.70	205.50	1,673.3	-113.1	-52.2	124.1	0.88	-0.65	-3.23
1,714.0	10.90	206.20	1,704.7	-118.5	-54.8	130.0	0.75	0.63	2.19
1,745.0	11.30	210.00	1,735.2	-123.8	-57.6	136.0	2.69	1.29	12.26
1,776.0	11.60	209.00	1,765.5	-129.1	-60.6	142.2	1.16	0.97	-3.23
1,807.0	11.40	208.90	1,795.9	-134.5	-63.6	148.3	0.65	-0.65	-0.32
1,839.0	11.00	207.80	1,827.3	-140.0	-66.6	154.6	1.42	-1.25	-3.44
1,868.0	11.00	208.70	1,855.8	-144.9	-69.2	160.1	0.59	0.00	3.10
1,900.0	10.80	210.30	1,887.2	-150.2	-72.2	166.1	1.13	-0.63	5.00
1,931.0	11.00	211.10	1,917.6	-155.2	-75.2	172.0	0.81	0.65	2.58
1,962.0	11.40	211.10	1,948.1	-160.4	-78.3	178.0	1.29	1.29	0.00
1,993.0	11.40	209.70	1,978.4	-165.6	-81.4	184.1	0.89	0.00	-4.52
2,025.0	11.30	211.30	2,009.8	-171.1	-84.6	190.4	1.03	-0.31	5.00
2,056.0	11.10	214.20	2,040.2	-176.1	-87.8	196.4	1.93	-0.65	9.35
2,087.0	11.20	216.10	2,070.6	-181.0	-91.3	202.4	1.23	0.32	6.13
2,118.0	11.70	218.00	2,101.0	-185.9	-95.0	208.5	2.02	1.61	6.13
2,149.0	12.00	218.10	2,131.4	-190.9	-98.9	214.8	0.97	0.97	0.32
2,181.0	11.70	216.70	2,162.7	-196.2	-102.9	221.3	1.30	-0.94	-4.38
2,212.0	11.20	216.40	2,193.1	-201.1	-106.6	227.5	1.62	-1.61	-0.97
2,243.0	11.20	213.00	2,223.5	-206.1	-110.0	233.5	2.13	0.00	-10.97
2,275.0	12.00	211.40	2,254.8	-211.5	-113.4	239.9	2.69	2.50	-5.00
2,306.0	12.30	208.90	2,285.1	-217.1	-116.7	246.4	1.95	0.97	-8.06
2,337.0	11.80	207.60	2,315.4	-222.8	-119.8	252.9	1.84	-1.61	-4.19
2,368.0	12.10	206.70	2,345.8	-228.6	-122.7	259.3	1.14	0.97	-2.90
2,400.0	12.90	206.70	2,377.0	-234.7	-125.8	266.2	2.50	2.50	0.00
2,431.0	13.00	205.90	2,407.2	-241.0	-128.9	273.1	0.66	0.32	-2.58
2,462.0	12.50	204.10	2,437.5	-247.2	-131.8	279.9	2.06	-1.61	-5.81



Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 10
 Well: F-10-9-17
 Wellbore: Wellbore #1
 Design: Wellbore #1

Local Co-ordinate Reference: Well F-10-9-17
 TVD Reference: F-10-9-17 @ 5207.0ft (KB ELEVATION)
 MD Reference: F-10-9-17 @ 5207.0ft (KB ELEVATION)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.21 Single User Db

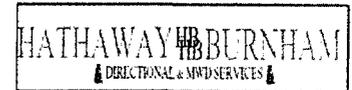
Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
2,556.0	11.90	199.60	2,529.3	-265.6	-139.2	299.6	1.20	-0.64	-4.79
2,588.0	11.30	197.10	2,560.7	-271.7	-141.2	305.9	2.45	-1.88	-7.81
2,619.0	11.00	196.20	2,591.1	-277.4	-142.9	311.7	1.12	-0.97	-2.90
2,649.0	10.70	197.10	2,620.6	-282.8	-144.5	317.2	1.15	-1.00	3.00
2,681.0	11.10	197.40	2,652.0	-288.6	-146.3	323.1	1.26	1.25	0.94
2,712.0	11.80	201.10	2,682.4	-294.4	-148.4	329.2	3.27	2.26	11.94
2,743.0	12.10	202.70	2,712.7	-300.4	-150.8	335.5	1.44	0.97	5.16
2,775.0	12.20	201.20	2,744.0	-306.6	-153.3	342.2	1.03	0.31	-4.69
2,806.0	12.60	201.10	2,774.3	-312.8	-155.7	348.8	1.29	1.29	-0.32
2,837.0	13.20	203.20	2,804.5	-319.2	-158.3	355.6	2.46	1.94	6.77
2,868.0	13.90	204.20	2,834.6	-325.9	-161.2	362.9	2.38	2.26	3.23
2,899.0	13.70	204.20	2,864.7	-332.6	-164.3	370.2	0.65	-0.65	0.00
2,930.0	14.10	206.60	2,894.8	-339.4	-167.4	377.6	2.26	1.29	7.74
2,960.0	14.60	206.90	2,923.9	-346.0	-170.8	385.1	1.68	1.67	1.00
2,991.0	14.40	206.50	2,953.9	-352.9	-174.3	392.8	0.72	-0.65	-1.29
3,022.0	13.90	204.80	2,983.9	-359.8	-177.6	400.4	2.10	-1.61	-5.48
3,053.0	13.30	205.30	3,014.1	-366.4	-180.6	407.6	1.97	-1.94	1.61
3,085.0	13.70	205.30	3,045.2	-373.1	-183.8	415.1	1.25	1.25	0.00
3,116.0	13.70	206.00	3,075.3	-379.7	-187.0	422.4	0.53	0.00	2.26
3,148.0	13.80	210.30	3,106.4	-386.4	-190.6	430.0	3.21	0.31	13.44
3,178.0	13.80	211.60	3,135.5	-392.6	-194.3	437.1	1.03	0.00	4.33
3,210.0	13.60	212.20	3,166.6	-399.0	-198.3	444.7	0.77	-0.63	1.88
3,241.0	13.40	211.50	3,196.8	-405.2	-202.1	451.9	0.83	-0.65	-2.26
3,272.0	13.10	210.20	3,226.9	-411.3	-205.8	459.1	1.36	-0.97	-4.19
3,303.0	12.70	209.80	3,257.2	-417.3	-209.2	466.0	1.32	-1.29	-1.29
3,335.0	12.30	208.00	3,288.4	-423.3	-212.6	472.9	1.74	-1.25	-5.63
3,366.0	11.90	209.00	3,318.7	-429.0	-215.7	479.4	1.46	-1.29	3.23
3,397.0	11.70	210.40	3,349.1	-434.5	-218.8	485.7	1.13	-0.65	4.52
3,429.0	12.20	211.60	3,380.4	-440.2	-222.2	492.4	1.74	1.56	3.75
3,460.0	12.40	212.10	3,410.6	-445.8	-225.7	499.0	0.73	0.65	1.61
3,491.0	12.40	211.50	3,440.9	-451.5	-229.2	505.6	0.42	0.00	-1.94
3,522.0	12.50	210.90	3,471.2	-457.2	-232.7	512.3	0.53	0.32	-1.94
3,554.0	13.00	215.30	3,502.4	-463.1	-236.5	519.3	3.41	1.56	13.75
3,585.0	12.80	214.10	3,532.6	-468.8	-240.5	526.2	1.08	-0.65	-3.87
3,619.0	12.70	213.80	3,565.8	-475.0	-244.7	533.7	0.35	-0.29	-0.88
3,650.0	12.80	214.20	3,596.0	-480.7	-248.5	540.5	0.43	0.32	1.29
3,682.0	12.60	212.90	3,627.2	-486.6	-252.4	547.6	1.09	-0.63	-4.06
3,713.0	13.00	212.90	3,657.5	-492.3	-256.1	554.4	1.29	1.29	0.00
3,744.0	13.00	211.60	3,687.7	-498.2	-259.8	561.4	0.94	0.00	-4.19
3,775.0	13.20	211.60	3,717.9	-504.2	-263.5	568.4	0.65	0.65	0.00
3,806.0	13.30	211.20	3,748.0	-510.3	-267.2	575.5	0.44	0.32	-1.29
3,838.0	13.20	209.60	3,779.2	-516.6	-270.9	582.9	1.19	-0.31	-5.00
3,869.0	12.90	208.60	3,809.4	-522.7	-274.3	589.9	1.21	-0.97	-3.23
3,900.0	12.90	207.80	3,839.6	-528.8	-277.6	596.8	0.58	0.00	-2.58
3,931.0	12.50	207.00	3,869.8	-534.9	-280.7	603.6	1.41	-1.29	-2.58
3,963.0	12.80	206.90	3,901.1	-541.1	-283.9	610.6	0.94	0.94	-0.31
3,994.0	12.80	207.00	3,931.3	-547.2	-287.0	617.4	0.07	0.00	0.32
4,025.0	12.80	206.20	3,961.5	-553.4	-290.1	624.3	0.57	0.00	-2.58
4,056.0	12.80	206.10	3,991.8	-559.5	-293.1	631.1	0.07	0.00	-0.32
4,087.0	12.80	205.50	4,022.0	-565.7	-296.1	638.0	0.43	0.00	-1.94
4,119.0	12.60	206.00	4,053.2	-572.1	-299.2	645.0	0.71	-0.63	1.56
4,150.0	12.30	206.20	4,083.5	-578.1	-302.1	651.7	0.98	-0.97	0.65
4,181.0	12.10	206.90	4,113.8	-583.9	-305.0	658.2	0.80	-0.65	2.26
4,212.0	12.80	208.80	4,144.0	-589.8	-308.2	664.9	2.62	2.26	6.13



Hathaway Burnham

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 10
Well: F-10-9-17
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well F-10-9-17
TVD Reference: F-10-9-17 @ 5207.0ft (KB ELEVATION)
MD Reference: F-10-9-17 @ 5207.0ft (KB ELEVATION)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

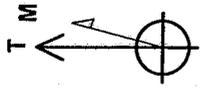
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,244.0	12.90	209.50	4,175.2	-596.0	-311.6	672.0	0.58	0.31	2.19
4,275.0	13.20	210.90	4,205.4	-602.1	-315.1	679.0	1.41	0.97	4.52
4,306.0	13.20	211.70	4,235.6	-608.1	-318.8	686.1	0.59	0.00	2.58
4,337.0	13.70	211.40	4,265.8	-614.3	-322.6	693.3	1.63	1.61	-0.97
4,369.0	13.90	211.90	4,296.9	-620.8	-326.6	700.9	0.73	0.63	1.56
4,400.0	14.40	212.00	4,326.9	-627.2	-330.6	708.5	1.61	1.61	0.32
4,462.0	15.30	211.60	4,386.8	-640.7	-339.0	724.4	1.46	1.45	-0.65
4,493.0	15.50	212.00	4,416.7	-647.7	-343.3	732.6	0.73	0.65	1.29
4,525.0	15.40	211.50	4,447.6	-655.0	-347.8	741.1	0.52	-0.31	-1.56
4,556.0	15.20	212.20	4,477.5	-661.9	-352.1	749.3	0.88	-0.65	2.26
4,587.0	15.10	212.30	4,507.4	-668.8	-356.4	757.4	0.33	-0.32	0.32
4,618.0	15.00	212.50	4,537.3	-675.6	-360.8	765.4	0.36	-0.32	0.65
4,650.0	14.90	212.80	4,568.2	-682.5	-365.2	773.7	0.40	-0.31	0.94
4,681.0	14.50	212.40	4,598.2	-689.1	-369.5	781.5	1.33	-1.29	-1.29
4,712.0	14.80	210.80	4,628.2	-695.8	-373.6	789.4	1.62	0.97	-5.16
4,743.0	14.70	210.40	4,658.2	-702.6	-377.6	797.3	0.46	-0.32	-1.29
4,774.0	14.60	210.40	4,688.2	-709.4	-381.5	805.1	0.32	-0.32	0.00
4,806.0	14.30	210.60	4,719.2	-716.2	-385.6	813.1	0.95	-0.94	0.63
4,837.0	14.10	211.30	4,749.2	-722.8	-389.5	820.7	0.85	-0.65	2.26
4,868.0	13.90	211.80	4,779.3	-729.2	-393.4	828.2	0.75	-0.65	1.61
4,899.0	13.40	212.20	4,809.4	-735.4	-397.3	835.5	1.64	-1.61	1.29
4,931.0	13.00	211.30	4,840.6	-741.6	-401.2	842.8	1.41	-1.25	-2.81
4,962.0	12.70	212.10	4,870.8	-747.4	-404.8	849.7	1.13	-0.97	2.58
5,024.0	12.00	212.30	4,931.4	-758.7	-411.8	863.0	1.13	-1.13	0.32
5,055.0	11.60	213.50	4,961.7	-764.0	-415.3	869.3	1.51	-1.29	3.87
5,087.0	11.30	214.10	4,993.1	-769.3	-418.8	875.6	1.01	-0.94	1.88
5,120.0	10.80	214.10	5,025.5	-774.5	-422.4	881.9	1.52	-1.52	0.00
5,149.0	10.50	214.50	5,054.0	-778.9	-425.4	887.3	1.07	-1.03	1.38
5,180.0	10.50	214.60	5,084.5	-783.6	-428.6	892.9	0.06	0.00	0.32
5,212.0	10.30	215.30	5,115.9	-788.3	-431.9	898.7	0.74	-0.63	2.19
5,243.0	10.00	216.80	5,146.5	-792.7	-435.1	904.1	1.29	-0.97	4.84
5,274.0	10.00	217.10	5,177.0	-797.0	-438.3	909.4	0.17	0.00	0.97
5,305.0	9.70	218.90	5,207.6	-801.2	-441.6	914.7	1.38	-0.97	5.80
F-10-9-17 TGT									
5,337.0	9.50	220.50	5,239.1	-805.3	-445.0	919.9	1.04	-0.63	5.01
5,400.0	8.70	226.60	5,301.3	-812.6	-451.9	929.6	1.99	-1.27	9.68
5,492.0	8.00	227.20	5,392.3	-821.7	-461.6	942.4	0.77	-0.76	0.65
5,586.0	8.60	218.70	5,485.3	-831.6	-470.8	955.6	1.45	0.64	-9.04
5,680.0	8.10	216.40	5,578.3	-842.4	-479.1	969.1	0.64	-0.53	-2.45
5,774.0	7.60	215.10	5,671.4	-852.8	-486.6	981.9	0.56	-0.53	-1.38
5,867.0	7.50	214.00	5,763.6	-862.9	-493.6	994.1	0.19	-0.11	-1.18
5,975.0	7.20	216.10	5,870.8	-874.2	-501.5	1,007.8	0.37	-0.28	1.94
6,030.0	7.20	216.10	5,925.3	-879.8	-505.6	1,014.7	0.00	0.00	0.00

Checked By: _____ Approved By: _____ Date: _____

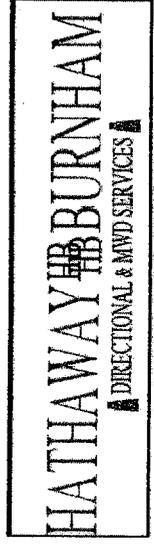
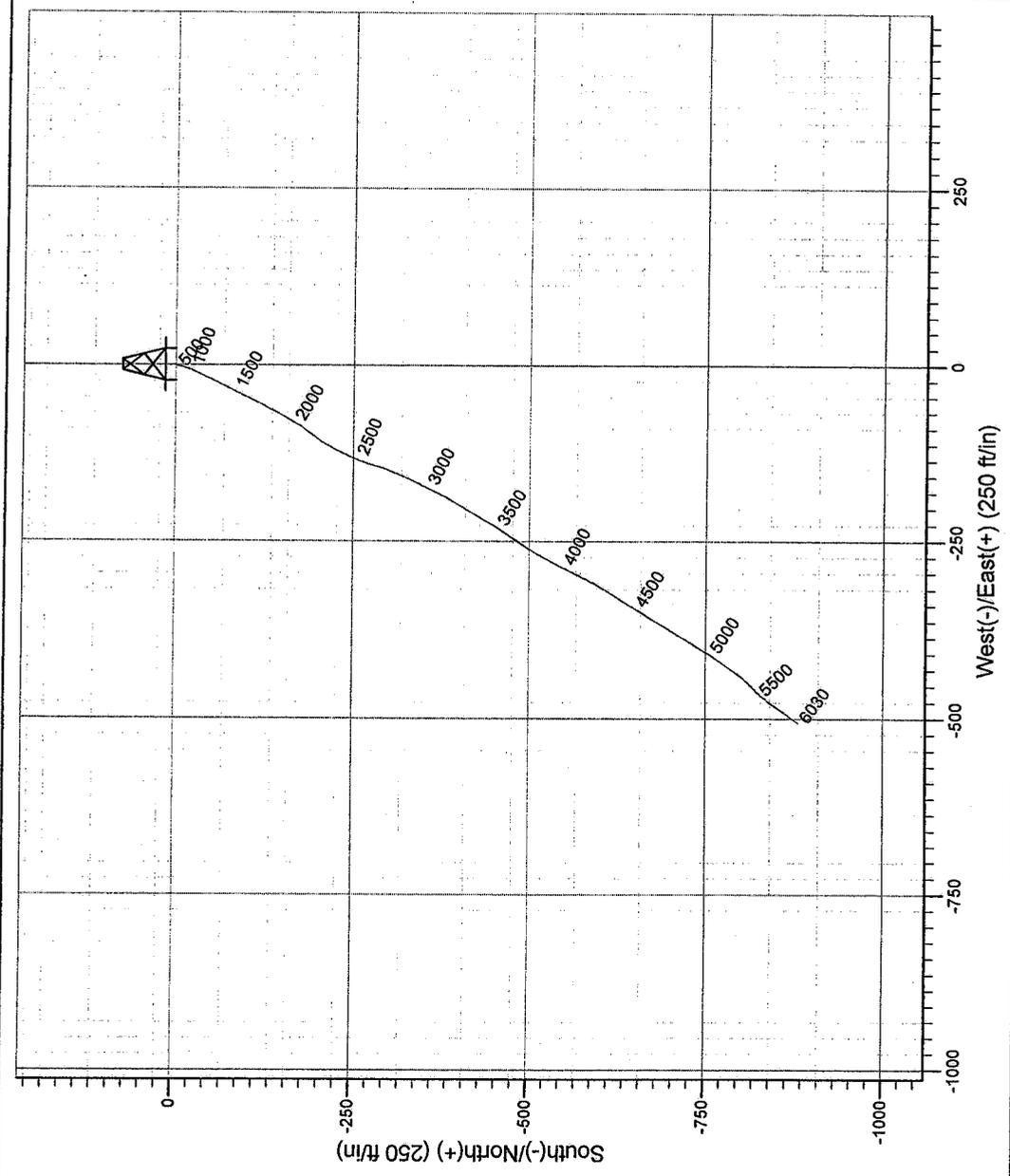
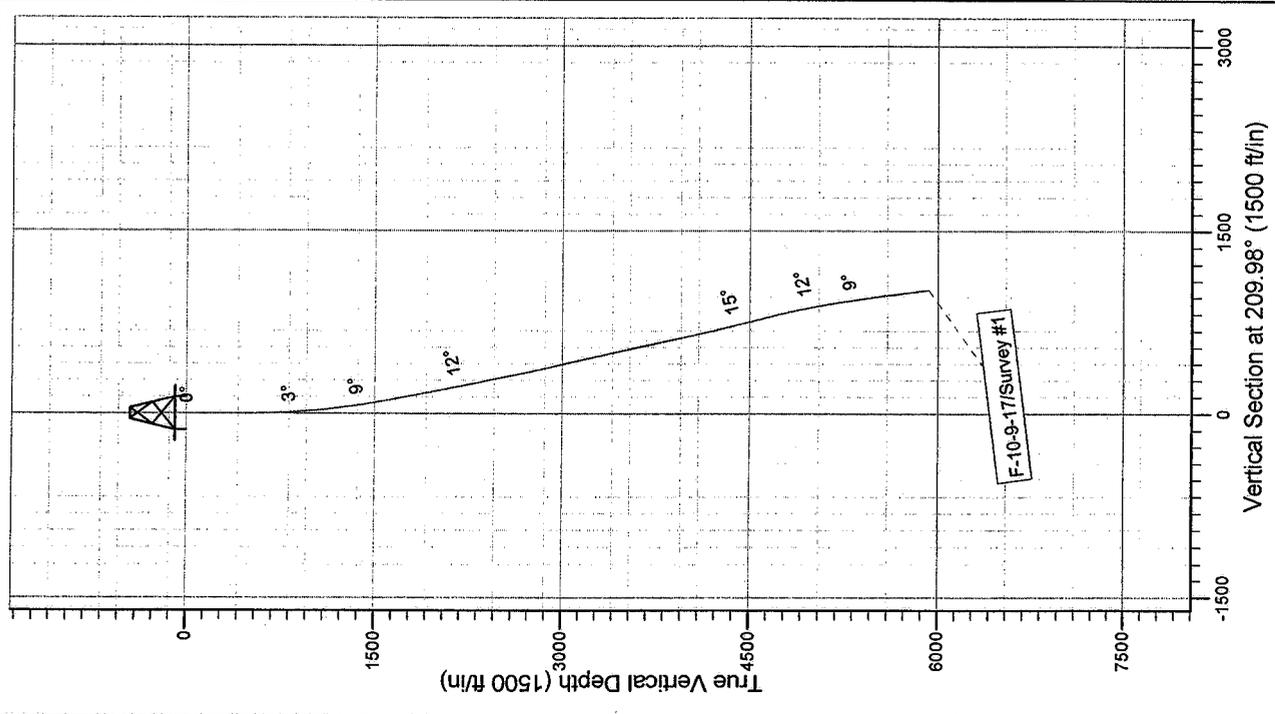


Project: USGS Myton SW (UT)
 Site: SECTION 10
 Well: F-10-9-17
 Wellbore: Wellbore #1
 Design: Wellbore #1

Azimuths to True North
 Magnetic North: 11.64°
 Magnetic Field
 Strength: 52,595.5snT
 Dip Angle: 65.89°
 Date: 7/29/2008
 Model: IGRF200510



FINAL SURVEY REPORT



Survey: Survey #1 (F-10-9-17/Wellbore #1)
 Created By: *Tom Hudson* Date: 9:45, September 03 2008
 THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

H HEADER INFORMATION -----
H COMPANY : NEWFIELD EXPLORATION
H FIELD : USGS Myton SW (UT)
H SITE : SECTION 10
H WELL : F-10-9-17
H WELLPATH: Wellbore #1
H DEPTHUNT: ft
H SURVDATE: 8/29/2008
H DECLINATIO CORR.
H = 10.68 TO GRIDH-----

H WELL INFORMATION
H WELL EW MAP : 2060193
H WELL NS MAP : 7191016
H DATUM ELEVN : 5207
H VSECT ANGLE : 209.98
H VSECT NORTH : 0
H VSECT EAST : 0

H-----
H SURVEY TYPE INFORMATION
H 439 - 6030 SURVEY #1 : MWD
H-----

H	SURVEY	LIST	INFORMATION						
MD	INC	AZI	TVD	NS	EW	VS	DLS		
	0	0	0	0	0	0	0	0	
	439	0.2	255.9	439	-0.19	-0.74	0.53	0.05	
	470	0.2	269.5	470	-0.2	-0.85	0.6	0.15	
	500	0.3	219	500	-0.26	-0.95	0.7	0.77	
	531	0.5	216.5	531	-0.43	-1.08	0.92	0.65	
	562	0.8	196.3	562	-0.75	-1.22	1.26	1.2	
	592	1	195.1	591.99	-1.2	-1.35	1.72	0.67	
	623	1.4	189.6	622.99	-1.84	-1.48	2.33	1.34	
	654	1.7	188.8	653.97	-2.67	-1.62	3.12	0.97	
	684	2	186.2	683.96	-3.63	-1.74	4.01	1.04	
	715	2.2	186.9	714.94	-4.75	-1.87	5.05	0.65	
	745	2.5	190.7	744.91	-5.97	-2.06	6.2	1.13	
	776	2.9	190.7	775.88	-7.4	-2.33	7.58	1.29	
	807	3.1	196.7	806.84	-8.98	-2.72	9.14	1.2	
	839	3.4	199.9	838.78	-10.7	-3.29	10.91	1.1	
	870	3.7	201.2	869.72	-12.5	-3.97	12.81	1	
	901	4	200.4	900.65	-14.44	-4.71	14.86	0.98	
	932	4.3	200.8	931.57	-16.54	-5.5	17.07	0.97	
	963	4.5	200.1	962.48	-18.77	-6.33	19.42	0.67	
	995	5	200	994.37	-21.26	-7.23	22.03	1.56	
	1026	5.3	201.2	1025.25	-23.86	-8.21	24.78	1.03	
	1057	5.7	203.7	1056.1	-26.61	-9.35	27.72	1.5	
	1088	6	205.2	1086.94	-29.48	-10.66	30.87	1.09	
	1120	6.3	206.4	1118.76	-32.57	-12.15	34.28	1.02	
	1151	6.4	206.9	1149.57	-35.63	-13.69	37.71	0.37	
	1182	6.9	205	1180.36	-38.86	-15.26	41.29	1.76	

1213	7.4	204.7	1211.12	-42.36	-16.88	45.13	1.62
1245	7.7	206.3	1242.84	-46.16	-18.69	49.32	1.14
1276	7.9	205.4	1273.55	-49.94	-20.52	53.52	0.76
1308	8.4	206.3	1305.23	-54.03	-22.5	58.04	1.61
1339	8.9	206.9	1335.88	-58.19	-24.59	62.7	1.64
1370	9.4	208.3	1366.48	-62.56	-26.88	67.62	1.77
1401	9.8	208	1397.05	-67.12	-29.32	72.79	1.3
1433	10.1	208.2	1428.57	-72	-31.92	78.32	0.94
1464	10.6	208.4	1459.06	-76.9	-34.56	83.88	1.62
1495	10.6	206.7	1489.53	-81.96	-37.2	89.58	1.01
1527	10.6	206.5	1520.99	-87.22	-39.83	95.46	0.11
1558	10.5	205.3	1551.46	-92.33	-42.31	101.12	0.78
1589	10.5	205.4	1581.95	-97.43	-44.73	106.75	0.06
1620	10.8	204.2	1612.41	-102.63	-47.13	112.45	1.2
1651	10.9	206.5	1642.86	-107.9	-49.63	118.27	1.43
1682	10.7	205.5	1673.31	-113.12	-52.18	124.06	0.88
1714	10.9	206.2	1704.74	-118.52	-54.79	130.04	0.75
1745	11.3	210	1735.16	-123.78	-57.61	136	2.69
1776	11.6	209	1765.54	-129.14	-60.64	142.16	1.16
1807	11.4	208.9	1795.92	-134.55	-63.63	148.34	0.65
1839	11	207.8	1827.31	-140.01	-66.58	154.55	1.42
1868	11	208.7	1855.78	-144.89	-69.2	160.08	0.59
1900	10.8	210.3	1887.2	-150.16	-72.18	166.13	1.13
1931	11	211.1	1917.64	-155.2	-75.17	171.99	0.81
1962	11.4	211.1	1948.05	-160.35	-78.28	178.01	1.29
1993	11.4	209.7	1978.44	-165.64	-81.38	184.14	0.89
2025	11.3	211.3	2009.82	-171.06	-84.58	190.44	1.03
2056	11.1	214.2	2040.23	-176.12	-87.83	196.45	1.93
2087	11.2	216.1	2070.64	-181.03	-91.28	202.42	1.23
2118	11.7	218	2101.02	-185.93	-94.99	208.52	2.02
2149	12	218.1	2131.36	-190.95	-98.92	214.83	0.97
2181	11.7	216.7	2162.68	-196.17	-102.91	221.34	1.3
2212	11.2	216.4	2193.06	-201.11	-106.57	227.46	1.62
2243	11.2	213	2223.47	-206.06	-110	233.45	2.13
2275	12	211.4	2254.82	-211.5	-113.43	239.88	2.69
2306	12.3	208.9	2285.13	-217.15	-116.7	246.41	1.95
2337	11.8	207.6	2315.44	-222.85	-119.76	252.87	1.84
2368	12.1	206.7	2345.77	-228.56	-122.69	259.29	1.14
2400	12.9	206.7	2377.01	-234.74	-125.8	266.2	2.5
2431	13	205.9	2407.22	-240.97	-128.88	273.13	0.66
2462	12.5	204.1	2437.46	-247.17	-131.78	279.95	2.06
2556	11.9	199.6	2529.34	-265.59	-139.18	299.6	1.2
2588	11.3	197.1	2560.68	-271.69	-141.21	305.9	2.45
2619	11	196.2	2591.1	-277.44	-142.93	311.74	1.12
2649	10.7	197.1	2620.56	-282.85	-144.54	317.23	1.15
2681	11.1	197.4	2651.99	-288.63	-146.34	323.13	1.26
2712	11.8	201.1	2682.37	-294.43	-148.37	329.18	3.27
2743	12.1	202.7	2712.7	-300.38	-150.77	335.53	1.44
2775	12.2	201.2	2743.98	-306.63	-153.29	342.2	1.03

2806	12.6	201.1	2774.26	-312.84	-155.69	348.78	1.29
2837	13.2	203.2	2804.48	-319.25	-158.3	355.63	2.46
2868	13.9	204.2	2834.61	-325.9	-161.22	362.85	2.38
2899	13.7	204.2	2864.72	-332.64	-164.25	370.21	0.65
2930	14.1	206.6	2894.81	-339.37	-167.45	377.63	2.26
2960	14.6	206.9	2923.87	-346.01	-170.79	385.06	1.68
2991	14.4	206.5	2953.89	-352.94	-174.28	392.8	0.72
3022	13.9	204.8	2983.95	-359.77	-177.56	400.36	2.1
3053	13.3	205.3	3014.08	-366.37	-180.65	407.62	1.97
3085	13.7	205.3	3045.19	-373.13	-183.84	415.07	1.25
3116	13.7	206	3075.31	-379.75	-187.02	422.39	0.53
3148	13.8	210.3	3106.39	-386.45	-190.61	429.99	3.21
3178	13.8	211.6	3135.53	-392.58	-194.29	437.14	1.03
3210	13.6	212.2	3166.62	-399.02	-198.29	444.71	0.77
3241	13.4	211.5	3196.76	-405.17	-202.11	451.95	0.83
3272	13.1	210.2	3226.94	-411.26	-205.75	459.05	1.36
3303	12.7	209.8	3257.15	-417.26	-209.21	465.97	1.32
3335	12.3	208	3288.39	-423.32	-212.56	472.9	1.74
3366	11.9	209	3318.71	-429.03	-215.66	479.39	1.46
3397	11.7	210.4	3349.05	-434.54	-218.8	485.73	1.13
3429	12.2	211.6	3380.36	-440.22	-222.22	492.35	1.74
3460	12.4	212.1	3410.65	-445.82	-225.7	498.96	0.73
3491	12.4	211.5	3440.92	-451.48	-229.21	505.61	0.42
3522	12.5	210.9	3471.19	-457.2	-232.67	512.29	0.53
3554	13	215.3	3502.41	-463.11	-236.53	519.34	3.41
3585	12.8	214.1	3532.62	-468.8	-240.47	526.23	1.08
3619	12.7	213.8	3565.78	-475.02	-244.66	533.72	0.35
3650	12.8	214.2	3596.02	-480.69	-248.49	540.54	0.43
3682	12.6	212.9	3627.24	-486.56	-252.37	547.57	1.09
3713	13	212.9	3657.47	-492.32	-256.1	554.42	1.29
3744	13	211.6	3687.67	-498.22	-259.83	561.39	0.94
3775	13.2	211.6	3717.87	-504.2	-263.51	568.42	0.65
3806	13.3	211.2	3748.04	-510.27	-267.21	575.52	0.44
3838	13.2	209.6	3779.19	-516.59	-270.92	582.85	1.19
3869	12.9	208.6	3809.39	-522.71	-274.32	589.85	1.21
3900	12.9	207.8	3839.61	-528.81	-277.59	596.77	0.58
3931	12.5	207	3869.85	-534.86	-280.73	603.58	1.41
3963	12.8	206.9	3901.07	-541.11	-283.91	610.57	0.94
3994	12.8	207	3931.3	-547.23	-287.02	617.43	0.07
4025	12.8	206.2	3961.53	-553.37	-290.1	624.29	0.57
4056	12.8	206.1	3991.76	-559.53	-293.12	631.14	0.07
4087	12.8	205.5	4021.99	-565.72	-296.11	637.99	0.43
4119	12.6	206	4053.21	-572.05	-299.17	645.01	0.71
4150	12.3	206.2	4083.48	-578.06	-302.11	651.67	0.98
4181	12.1	206.9	4113.78	-583.92	-305.04	658.21	0.8
4212	12.8	208.8	4144.05	-589.82	-308.16	664.89	2.62
4244	12.9	209.5	4175.25	-596.04	-311.63	672.01	0.58
4275	13.2	210.9	4205.45	-602.09	-315.15	679.01	1.41
4306	13.2	211.7	4235.63	-608.14	-318.83	686.08	0.59

4337	13.7	211.4	4265.78	-614.28	-322.6	693.29	1.63
4369	13.9	211.9	4296.85	-620.78	-326.6	700.92	0.73
4400	14.4	212	4326.91	-627.21	-330.61	708.49	1.61
4462	15.3	211.6	4386.84	-640.71	-338.99	724.38	1.46
4493	15.5	212	4416.73	-647.71	-343.32	732.6	0.73
4525	15.4	211.5	4447.57	-654.96	-347.81	741.12	0.52
4556	15.2	212.2	4477.47	-661.91	-352.13	749.3	0.88
4587	15.1	212.3	4507.4	-668.76	-356.45	757.4	0.33
4618	15	212.5	4537.33	-675.56	-360.76	765.44	0.36
4650	14.9	212.8	4568.25	-682.51	-365.22	773.68	0.4
4681	14.5	212.4	4598.23	-689.13	-369.45	781.54	1.33
4712	14.8	210.8	4628.23	-695.81	-373.56	789.38	1.62
4743	14.7	210.4	4658.2	-702.6	-377.58	797.27	0.46
4774	14.6	210.4	4688.2	-709.37	-381.55	805.11	0.32
4806	14.3	210.6	4719.18	-716.25	-385.6	813.1	0.95
4837	14.1	211.3	4749.24	-722.77	-389.51	820.7	0.85
4868	13.9	211.8	4779.32	-729.16	-393.43	828.2	0.75
4899	13.4	212.2	4809.44	-735.36	-397.31	835.51	1.64
4931	13	211.3	4840.6	-741.58	-401.16	842.81	1.41
4962	12.7	212.1	4870.82	-747.44	-404.78	849.7	1.13
5024	12	212.3	4931.38	-758.66	-411.84	862.95	1.13
5055	11.6	213.5	4961.73	-763.99	-415.29	869.28	1.51
5087	11.3	214.1	4993.09	-769.27	-418.82	875.62	1.01
5120	10.8	214.1	5025.48	-774.5	-422.37	881.93	1.52
5149	10.5	214.5	5053.98	-778.93	-425.39	887.27	1.07
5180	10.5	214.6	5084.46	-783.58	-428.59	892.91	0.06
5212	10.3	215.3	5115.94	-788.32	-431.9	898.66	0.74
5243	10	216.8	5146.45	-792.74	-435.11	904.09	1.29
5274	10	217.1	5176.98	-797.04	-438.35	909.44	0.17
5305	9.7	218.9	5207.52	-801.22	-441.61	914.69	1.39
5337	9.5	220.5	5239.07	-805.32	-445.02	919.95	1.04
5400	8.7	226.6	5301.28	-812.55	-451.86	929.62	1.99
5492	8	227.2	5392.31	-821.68	-461.61	942.41	0.77
5586	8.6	218.7	5485.33	-831.61	-470.81	955.6	1.45
5680	8.1	216.4	5578.33	-842.43	-479.13	969.13	0.64
5774	7.6	215.1	5671.45	-852.84	-486.63	981.9	0.56
5867	7.5	214	5763.64	-862.91	-493.56	994.08	0.19
5975	7.2	216.1	5870.75	-874.22	-501.49	1007.84	0.37
6030	7.2	216.1	5925.32	-879.79	-505.55	1014.7	0

Daily Activity Report

Format For Sundry

BLACKJACK F-10-9-17**7/1/2008 To 11/30/2008****9/14/2008 Day: 1****Completion**

Rigless on 9/13/2008 - Install 3M production tbg wellhead. RU Baker Atlas WLT & crane. Run Reservoir Performance Monitor log & GR/CCL f/ WLTD of 5971' to 3600'. RDWLT. SIFN W/ est 143 BWTR.

9/30/2008 Day: 2**Completion**

Rigless on 9/29/2008 - 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 @ 5957' cement top @ 106'. Perforate stage #1. CP5 @ 5824- 30', 5808- 16', CP4 sds @ 5762- 70' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 88 shots. 143 BWTR. SIFN.

10/3/2008 Day: 3**Completion**

Rigless on 10/2/2008 - Stage #1 CP4/CP5 sds. RU BJ Services. 21 psi on well. Frac CP4/CP5 sds w/ 38,257#'s of 20/40 sand in 473 bbls of Lightning 17 fluid. Broke @ 3930 psi. Treated w/ ave pressure of 1935 psi w/ ave rate of 22.9 BPM. ISIP 2168 psi. Leave pressure on well. 616 BWTR. Stage #2 CP3 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 12' perf gun. Set plug @ 5705'. Perforate CP3 sds @ 5674-86' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 48 shots. RU BJ Services. 1525 psi on well. Frac CP3 sds w/ 28,246#'s of 20/40 sand in 399 bbls of Lightning 17 fluid. Broke @ 2908 psi. Treated w/ ave pressure of 1935 psi w/ ave rate of 22.9 BPM. ISIP 1699 psi. Leave pressure on well. 1015 BWTR. Stage #3 CP1/CP2 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 24', 12' perf guns. Set plug @ 5620'. Perforate CP1 sds @ 5546-70' & CP2 sds @ 5584-96' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 144 shots. RU BJ Services. 1306 psi on well. Frac CP1/CP2 sds w/ 64,410#'s of 20/40 sand in 555 bbls of Lightning 17 fluid. Broke @ 1544 psi. Treated w/ ave pressure of 1413 psi w/ ave rate of 22.9 BPM. ISIP 1831 psi. Leave pressure on well. 1570 BWTR. Stage #34 A1 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 16' perf gun. Set plug @ 5290'. Perforate A1 sds @ 5164-80' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 64 shots. SWIFN.

10/4/2008 Day: 4**Completion**

Rigless on 10/3/2008 - Stage #4 A1 sds. RU BJ Services. 1180 psi on well. Frac A1 sds w/ 24,071#'s of 20/40 sand in 351 bbls of Lightning 17 fluid. Broke @ 2194 psi. Treated w/ ave pressure of 2356 psi w/ ave rate of 22.8 BPM. ISIP 2309 psi. Leave pressure on well. 1921 BWTR. Stage #5 B.5/B1/B2 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 8', 6', 12' perf guns. Set plug @ 5060'. Perforate B.5 sds @ 4948-56', B1 sds @ 4986-92', B2 sds @ 5016-28' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 104 shots. RU BJ Services. 1644 psi on well. Frac B.5/B1/B2 sds w/ 58,995#'s of 20/40 sand in 526 bbls of Lightning 17 fluid. Broke @ 4037 psi. Treated w/ ave pressure of 2374 psi w/ ave rate of 23.1 BPM. ISIP 4260 psi. SCREENED

WELL OFF W/ 11,000#s SAND LEFT IN CASING. Open well to pit for cleanup. Flow well for 2 hrs. Recovered 300 bbls. Stage #6 C sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 12' perf gun. Set plug @ 4890'. Perforate C sds @ 4862-74' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 48 shots. RU BJ Services. 937 psi on well. Perfs would not break. Attempt to dump bail acid on perfs. Tagged sand @ 4765'. Dump acid @ 4765'. RU BJ Services. 1000 psi on well. Frac C sds w/ 34,321#s of 20/40 sand in 387 bbls of Lightning 17 fluid. Broke @ 2623 psi. Treated w/ ave pressure of 2070 psi w/ ave rate of 22.8 BPM. ISIP 2024 psi. Leave pressure on well. 2534 BWTR. Stage #7 GB2 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 16' perf gun. Set plug @ 4150'. Perforate GB2 sds @ 4040-56' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 64 shots. RU BJ Services. 1470 psi on well. Frac GB2 sds w/ 45,048#s of 20/40 sand in 400 bbls of Lightning 17 fluid. Broke @ 1549 psi. Treated w/ ave pressure of 1482 psi w/ ave rate of 22.9 BPM. ISIP 1610 psi. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 5 hrs. & died. Recovered 750 bbls. SWIFN.

10/7/2008 Day: 5

Completion

Western #4 on 10/6/2008 - MIRU Western #4. Bleed off well. ND Cameron BOP & 5m frac head. NU 3m production head & Schaffer BOP. SWIFN.

10/8/2008 Day: 6

Completion

Western #4 on 10/7/2008 - Bleed off well. RIH w/ 4 3/4" chomp bit, bit sub & new 2 7/8" tbg. from pipe racks (tallying & drifting). Tag sand @ 4075'. RU powerswivel & pump. C/O to CBP @ 4150'. DU CBP in 18 min. Cont. RIH w/ tbg. Tag sand @ 4737'. C/O to CBP @ 4890'. DU CBP in 50 min. Cont. RIH w/ tbg. Tag CBP @ 5060'. DU CBP in 21 min. Cont. RIH w/ tbg. Tag CBP @ 5290'. DU CBP in 30 min. Cont. RIH w/ tbg. to 5482'. Circulate well clean. SWIFN.

10/9/2008 Day: 7

Completion

Western #4 on 10/8/2008 - RIH w/ tbg. Tag CBP @ 5957'. DU CBP in 40 min. Cont. RIH w/ tbg. Tag sand @ 5690'. C/O to CBP @ 5705'. DU CBP in 35 min. Cont. RIH w/ tbg. Tag sand @ 5871'. C/O to PBTD @ 5996'. Circulate well clean. Pull up to 5911'. RIH w/ swab. Made 14 runs. Recovered 145 bbls. Trace of oil, no show of sand. EFL @ 1200'. RIH w/ tbg. Tag PBTD @ 5996'. Circulate well clean. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 1 jt 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 188 jts 2 7/8" tbg. SWIFN.

10/10/2008 Day: 8

Completion

Western #4 on 10/9/2008 - Bleed off well. ND BOP. Set TAC @ 5794' w/ 16,000# tension. NU wellhead. X-over for rods. Flush tbg. w/ 60 bbls water. RIH w/ CDI 2 1/2" x 1 3/4" x 14' x 18' RHAC rod pump, shear coupler, 4- 1 1/2" weight bars, 228-7/8" guided rods (8 per), 1- 2', 4', 8' x 7/8" pony subs, 1 1/2" x 26' polished rod. Seat pump. RU pumping unit. Hang off rods. Stroke test to 800 psi. Good pump action. RD. PWOP @ 3:00 p.m. 5 spm, 122" stroke length. Final Report.

Pertinent Files: Go to File List