

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN

1a. TYPE OF WORK DRILL DEEPEN

1b. TYPE OF WELL OIL GAS OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR **Newfield Production Company**

3. ADDRESS AND TELEPHONE NUMBER: **Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721**

4. LOCATION OF WELL (FOOTAGE)
At Surface SW/SW 526' FSL 769' FWL
At proposed Producing Zone SW/SW 1320' FSL 1322' FWL

5. LEASE DESIGNATION AND SERIAL NO. **ML-45555**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME **N/A**

7. UNIT AGREEMENT NAME **Castle Draw**

8. FARM OR LEASE NAME **N/A**

9. WELL NO. **Castle Draw State #Q-2-9-17**

10. FIELD AND POOL OR WILDCAT **Monument Butte 105**

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **SW/SW Sec. 2, T9S, R17E**

12. County **Duchesne** 13. STATE **UT**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* **Approximately 15.6 miles southeast of Myton, UT**

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) **Approx. 1320' f/lease line and 1320' f/unit line**

16. NO. OF ACRES IN LEASE **640.20**

17. NO. OF ACRES ASSIGNED TO THIS WELL **20**

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. **Approximately 1342' (Down Hole)**

19. PROPOSED DEPTH **6198'**

20. ROTARY OR CABLE TOOLS **Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.) **5057' GL**

22. APPROX. DATE WORK WILL START* **1st Quarter 2008**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	290'	155 sx +/- 10%
7 7/8	5 1/2	15.5#	TD	275 sx lead followed by 450 sx tail
				See Detail Below

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give date on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

*The actual cement volumes will be calculated off of the open hole logs, plus 15% excess:

SURFACE PIPE - 155 sx Class G Cement +/- 10%, w/ 2% CaCl2 & 1/4#/sk Cello-flake
Weight: 15.8 PPG YIELD: 1.17 Cu Ft/sk H2O Req: 5 gal/sk

LONG STRING - Lead: Premium Lite II Cement + 3lbs/sk BA-90 + 3% KCl + .25 lbs/sk Cello Flake + 2 lbs/sk Kol Seal + 10% Bentonite + .5% Sodium Metasilicate
Weight: 11.0 PPG YIELD: 3.43 Cu Ft/sk H2O Req: 21.04 gal/sk

Tail: 50-50 Poz-Class G Cement + 3% KCl + .25 lbs/sk Cello Flake + 2% Bentonite + .3% Sodium Metasilicate
Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H2O Req: 7.88 gal/sk

24. Name & Signature Mandie Crozier Title: Regulatory Specialist Date: 9/28/2007

(This space for State use only)

API Number Assigned: 43-013-33785

APPROVAL:

RECEIVED

Approved by [Signature] OCT 04 2007
Utah Division of Oil, Gas and Mining

Surf

587016X
4434057Y
40.054161
-104.979825

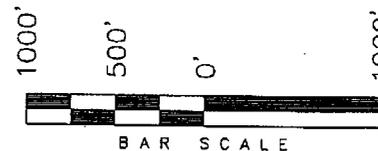
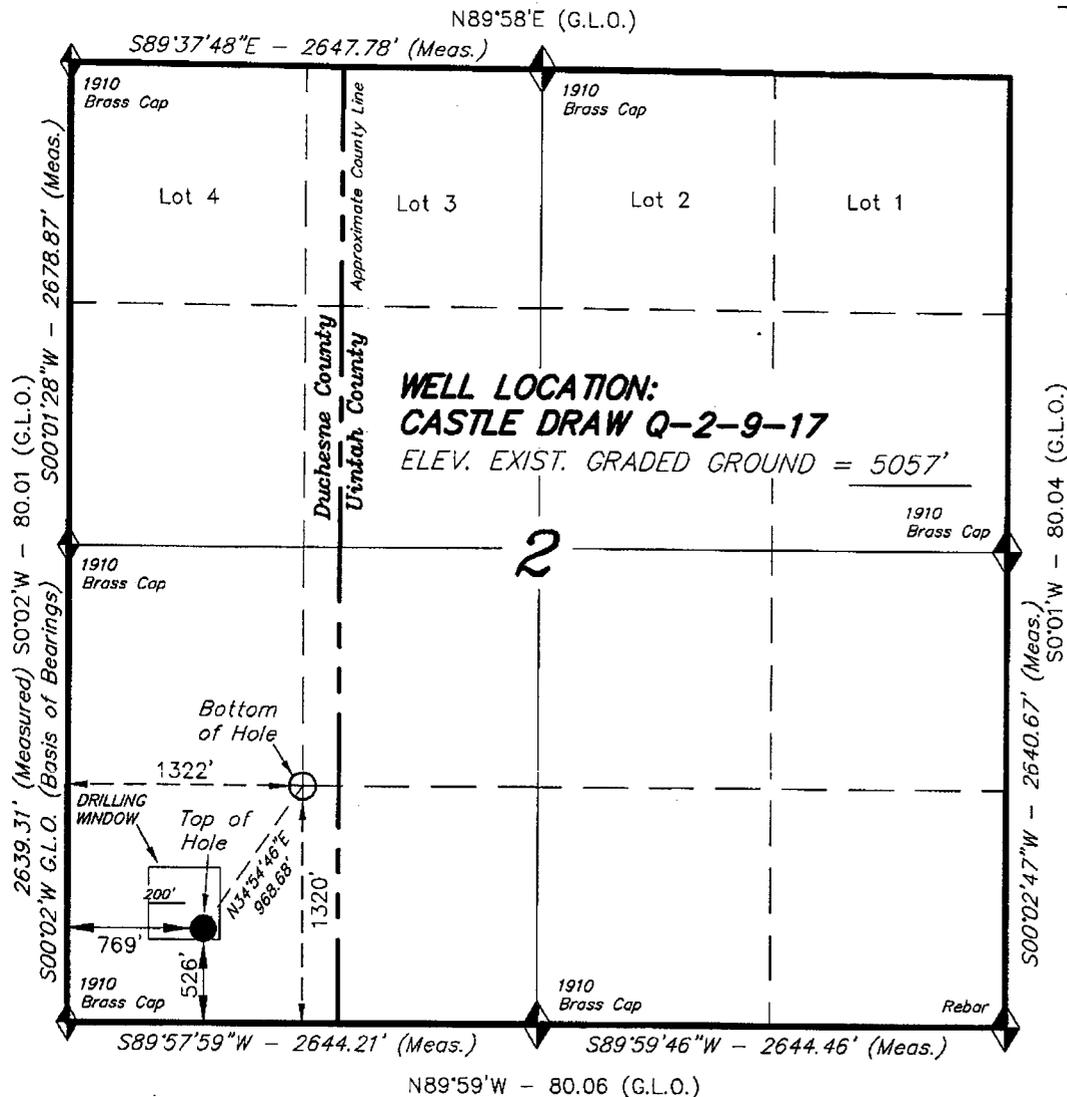
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By: [Signature]

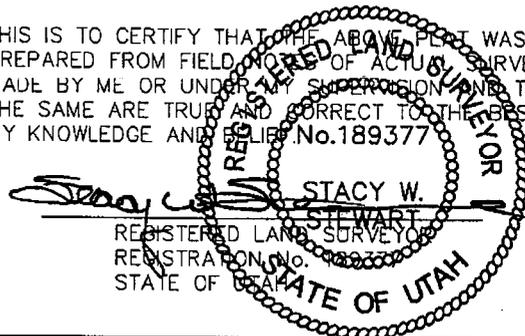
T9S, R17E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, CASTLE DRAW Q-2-9-17,
 LOCATED AS SHOWN IN THE SW 1/4 SW
 1/4 OF SECTION 2, T9S, R17E, S.L.B.&M.
 DUCHESNE COUNTY, UTAH.



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



◆ = SECTION CORNERS LOCATED

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

CASTLE DRAW Q-2-9-17
 (Surface Location) NAD 83
 LATITUDE = 40° 03' 14.86"
 LONGITUDE = 109° 58' 49.95"

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 08-25-07	SURVEYED BY: C.M.
DATE DRAWN: 09-07-07	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
CASTLE DRAW STATE #Q-2-9-17
SW/SW SECTION 2, T9S, R17E
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0 – 1700'
Green River	1700'
Wasatch	6198'

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

Green River Formation 1700' – 6198' – Oil

4. **PROPOSED CASING PROGRAM:**

Surface Casing: 8-5/8" J-55 24# w/ST&C collars; set at 290' (New)
Production Casing: 5-1/2" J-55, 15.5# w/LT&C collars; set at TD (New or used, inspected).

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

The well will be drilled with a fresh water/polymer system will be utilized. If necessary, to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. This fresh water system typically will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride nor chromates will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

MUD PROGRAM	MUD TYPE
Surface – 3200'	fresh water
3200' – TD'	fresh water system

From about surface to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCL substitute additive. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite. No chromate additives will be used in the mud system.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 290' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +/- . A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered; or that any other abnormal hazards such as H2S will be encountered in this area.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the first quarter of 2008, and take approximately seven (7) days from spud to rig release.



Scientific Drilling
Rocky Mountain Operations

Project: Uintah County, UT NAD83 UTC
Site: Castle Draw Q-2-9-17
Well: Castle Draw Q-2-9-17
Wellbore: OH
Design: Plan #1

NEWFIELD



Newfield Exploration Co.

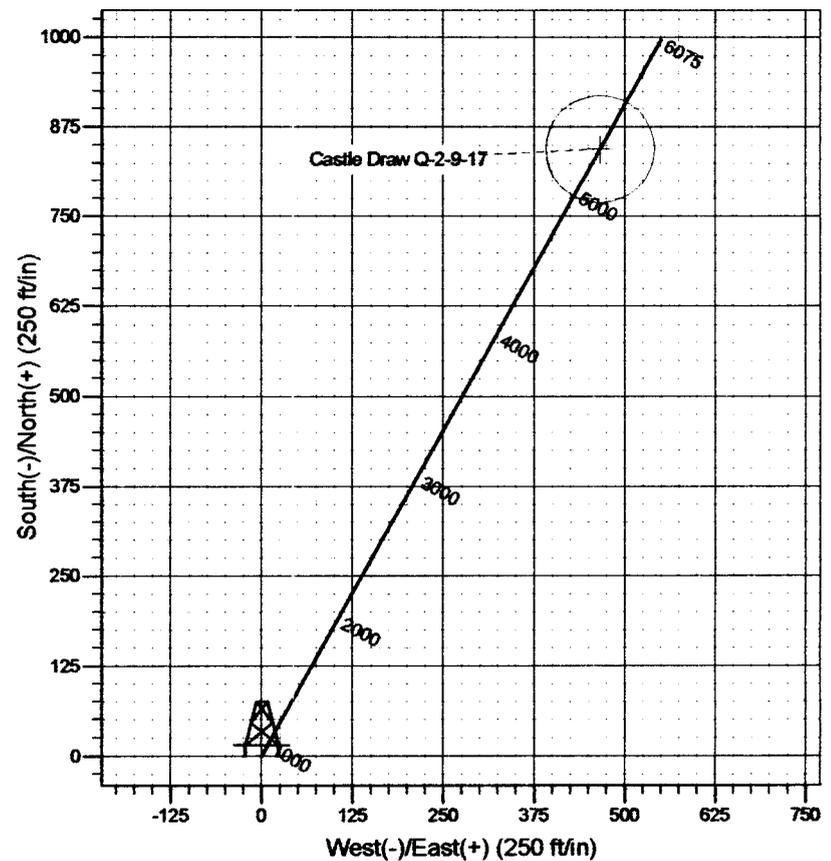
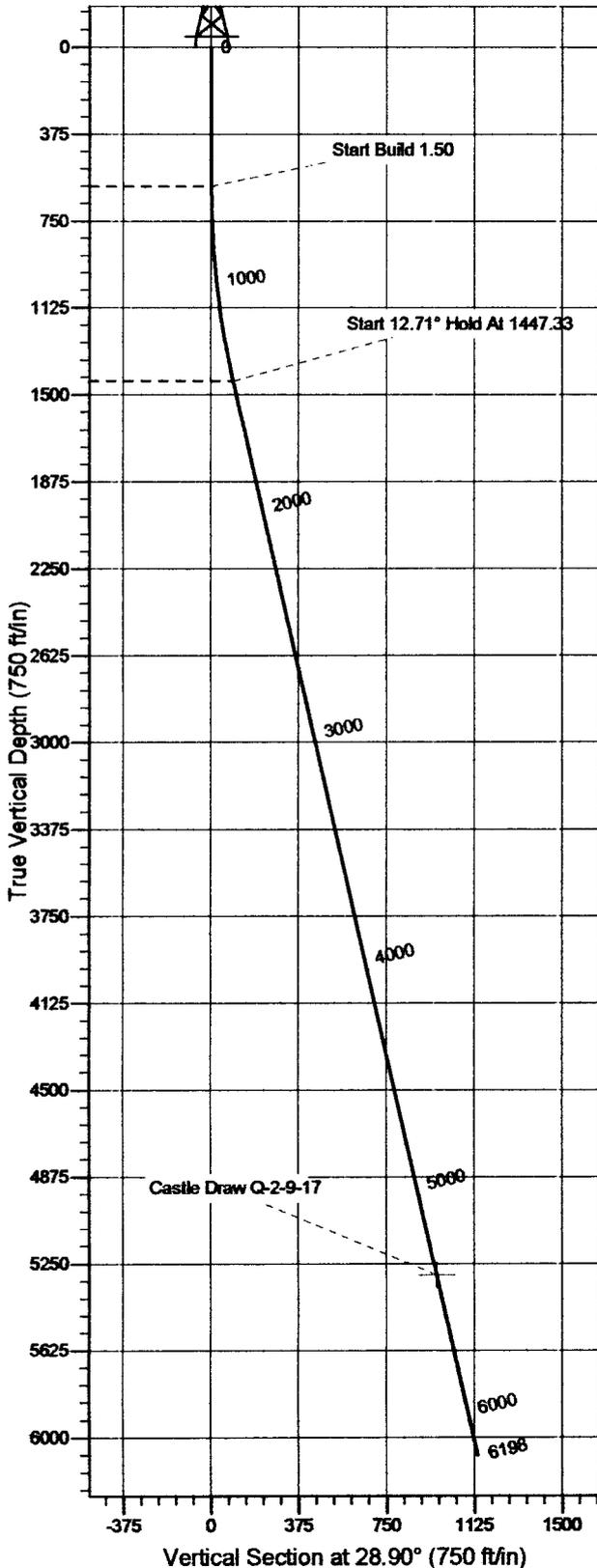
WELL DETAILS: Castle Draw Q-2-9-17

GL 5057' & RKB 12' @ 5069.00ft (NDSI 2) 5057.00
+N-S +E/-W Northing Easting Latitude Longitude Slot
0.00 0.00 7192066.80 2065720.12 40° 3' 14.860 N 109° 58' 49.950 W



Azimuths to True North
Magnetic North: 11.75°

Magnetic Field
Strength: 52680.4nT
Dip Angle: 65.92°
Date: 2007-09-26
Model: IGRF2005-10



FORMATION TOP DETAILS

Plan: Plan #1 (Castle Draw Q-2-9-17/OH)

Created By: Rex Hall Date: 2007-09-26

PROJECT DETAILS: Uintah County, UT NAD83 UTC

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone

System Datum: Mean Sea Level
Local North: True

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	DLog	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	
3	1447.33	12.71	28.90	1440.40	81.94	45.24	1.50	28.90	93.80	
4	5403.88	12.71	28.90	5300.00	844.00	486.00	0.00	0.00	964.11	Castle Draw Q-2-9-17
5	6198.35	12.71	28.90	6075.00	997.03	550.49	0.00	0.00	1138.90	

Newfield Exploration Co.

Uintah County, UT NAD83 UTC

Castle Draw Q-2-9-17

Castle Draw Q-2-9-17

OH

Plan: Plan #1

Standard Planning Report

26 September, 2007

Scientific Drilling Planning Report

Database: MultiUserEDM
Company: Newfield Exploration Co.
Project: Uintah County, UT NAD83 UTC
Site: Castle Draw Q-2-9-17
Well: Castle Draw Q-2-9-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Castle Draw Q-2-9-17
TVD Reference: GL 5057' & RKB 12' @ 5069.00ft (NDSI 2)
MD Reference: GL 5057' & RKB 12' @ 5069.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature

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

Site	Castle Draw Q-2-9-17, Sec 2 T9S R17E				
Site Position:		Northing:	7,192,066.80 ft	Latitude:	40° 3' 14.860 N
From:	Lat/Long	Easting:	2,065,720.12 ft	Longitude:	109° 58' 49.950 W
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence:	0.97 °

Well	Castle Draw Q-2-9-17, 526' FSL & 769' FWL					
Well Position	+N-S	0.00 ft	Northing:	7,192,066.80 ft	Latitude:	40° 3' 14.860 N
	+E-W	0.00 ft	Easting:	2,065,720.12 ft	Longitude:	109° 58' 49.950 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,057.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	IGRF2005-10	2007-09-26	(°)	(°)	(nT)
			11.75	65.92	52,680

Design	Plan #1				
Audit Notes:					
Version:	Phase:	PLAN	Tie On Depth:	0.00	
Vertical Section:	Depth From (TVD)	+N-S	+E-W	Direction	
	(ft)	(ft)	(ft)	(°)	
	0.00	0.00	0.00	28.90	

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TPO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,447.33	12.71	28.90	1,440.40	81.94	45.24	1.50	1.50	0.00	28.90	
5,403.88	12.71	28.90	5,300.00	844.00	466.00	0.00	0.00	0.00	0.00	Castle Draw Q-2-9-17
6,198.35	12.71	28.90	6,075.00	997.03	550.49	0.00	0.00	0.00	0.00	

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Well: Castle Draw Q-2-9-17
Wellbore: OH
Design: Plan #1

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

Well Castle Draw Q-2-9-17
 GL 5057' & RKB 12' @ 5069.00ft (NDSI 2)
 GL 5057' & RKB 12' @ 5069.00ft (NDSI 2)
 True
 Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 1.50									
700.00	1.50	28.90	699.99	1.15	0.63	1.31	1.50	1.50	0.00
800.00	3.00	28.90	799.91	4.58	2.53	5.23	1.50	1.50	0.00
900.00	4.50	28.90	899.69	10.31	5.69	11.78	1.50	1.50	0.00
1,000.00	6.00	28.90	999.27	18.32	10.11	20.93	1.50	1.50	0.00
1,100.00	7.50	28.90	1,098.58	28.61	15.80	32.68	1.50	1.50	0.00
1,200.00	9.00	28.90	1,197.54	41.17	22.73	47.03	1.50	1.50	0.00
1,300.00	10.50	28.90	1,296.09	55.99	30.92	63.96	1.50	1.50	0.00
1,400.00	12.00	28.90	1,394.17	73.07	40.35	83.47	1.50	1.50	0.00
1,447.33	12.71	28.90	1,440.40	81.94	45.24	93.60	1.50	1.50	0.00
Start 12.71° Hold At 1447.33									
1,500.00	12.71	28.90	1,491.78	92.08	50.84	105.19	0.00	0.00	0.00
1,600.00	12.71	28.90	1,589.33	111.34	61.48	127.19	0.00	0.00	0.00
1,700.00	12.71	28.90	1,686.88	130.60	72.11	149.19	0.00	0.00	0.00
1,800.00	12.71	28.90	1,784.43	149.87	82.75	171.19	0.00	0.00	0.00
1,900.00	12.71	28.90	1,881.98	169.13	93.38	193.19	0.00	0.00	0.00
2,000.00	12.71	28.90	1,979.53	188.39	104.01	215.19	0.00	0.00	0.00
2,100.00	12.71	28.90	2,077.08	207.65	114.65	237.20	0.00	0.00	0.00
2,200.00	12.71	28.90	2,174.63	226.91	125.28	259.20	0.00	0.00	0.00
2,300.00	12.71	28.90	2,272.18	246.17	135.92	281.20	0.00	0.00	0.00
2,400.00	12.71	28.90	2,369.73	265.43	146.55	303.20	0.00	0.00	0.00
2,500.01	12.71	28.90	2,467.28	284.69	157.19	325.20	0.00	0.00	0.00
2,600.01	12.71	28.90	2,564.83	303.95	167.82	347.20	0.00	0.00	0.00
2,700.01	12.71	28.90	2,662.38	323.21	178.46	369.21	0.00	0.00	0.00
2,800.01	12.71	28.90	2,759.93	342.47	189.09	391.21	0.00	0.00	0.00
2,900.01	12.71	28.90	2,857.48	361.74	199.72	413.21	0.00	0.00	0.00
3,000.01	12.71	28.90	2,955.03	381.00	210.36	435.21	0.00	0.00	0.00
3,100.01	12.71	28.90	3,052.58	400.26	220.99	457.21	0.00	0.00	0.00
3,200.01	12.71	28.90	3,150.13	419.52	231.63	479.22	0.00	0.00	0.00
3,300.01	12.71	28.90	3,247.68	438.78	242.26	501.22	0.00	0.00	0.00
3,400.01	12.71	28.90	3,345.23	458.04	252.90	523.22	0.00	0.00	0.00
3,500.01	12.71	28.90	3,442.78	477.30	263.53	545.22	0.00	0.00	0.00
3,600.01	12.71	28.90	3,540.33	496.56	274.17	567.22	0.00	0.00	0.00
3,700.01	12.71	28.90	3,637.88	515.82	284.80	589.22	0.00	0.00	0.00
3,800.01	12.71	28.90	3,735.43	535.08	295.44	611.23	0.00	0.00	0.00
3,900.01	12.71	28.90	3,832.98	554.34	306.07	633.23	0.00	0.00	0.00
4,000.01	12.71	28.90	3,930.53	573.61	316.70	655.23	0.00	0.00	0.00
4,100.01	12.71	28.90	4,028.07	592.87	327.34	677.23	0.00	0.00	0.00
4,200.01	12.71	28.90	4,125.62	612.13	337.97	699.23	0.00	0.00	0.00
4,300.01	12.71	28.90	4,223.17	631.39	348.61	721.23	0.00	0.00	0.00
4,400.01	12.71	28.90	4,320.72	650.65	359.24	743.24	0.00	0.00	0.00
4,500.01	12.71	28.90	4,418.27	669.91	369.88	765.24	0.00	0.00	0.00
4,600.01	12.71	28.90	4,515.82	689.17	380.51	787.24	0.00	0.00	0.00
4,700.01	12.71	28.90	4,613.37	708.43	391.15	809.24	0.00	0.00	0.00
4,800.01	12.71	28.90	4,710.92	727.69	401.78	831.24	0.00	0.00	0.00
4,900.01	12.71	28.90	4,808.47	746.95	412.42	853.24	0.00	0.00	0.00

Scientific Drilling Planning Report

Database: MultiUserEDM
Company: Newfield Exploration Co.
Project: Uintah County, UT NAD83 UTC
Site: Castle Draw Q-2-9-17
Well: Castle Draw Q-2-9-17
Wellbore: OH
Design: Plan #1

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

Well: Castle Draw Q-2-9-17
GL 5057' & RKB 12' @ 5069.00ft (NDSI 2)
GL 5057' & RKB 12' @ 5069.00ft (NDSI 2)
True
Minimum Curvature

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
5,000.01	12.71	28.90	4,906.02	766.21	423.05	875.25	0.00	0.00	0.00	
5,100.01	12.71	28.90	5,003.57	785.48	433.68	897.25	0.00	0.00	0.00	
5,200.01	12.71	28.90	5,101.12	804.74	444.32	919.25	0.00	0.00	0.00	
5,300.01	12.71	28.90	5,198.67	824.00	454.95	941.25	0.00	0.00	0.00	
5,400.01	12.71	28.90	5,296.22	843.26	465.59	963.25	0.00	0.00	0.00	
5,403.88	12.71	28.90	5,300.00	844.00	466.00	964.11	0.00	0.00	0.00	
Castle Draw Q-2-9-17										
5,500.01	12.71	28.90	5,393.77	862.52	476.22	985.26	0.00	0.00	0.00	
5,600.01	12.71	28.90	5,491.32	881.78	486.86	1,007.26	0.00	0.00	0.00	
5,700.01	12.71	28.90	5,588.87	901.04	497.49	1,029.26	0.00	0.00	0.00	
5,800.01	12.71	28.90	5,686.42	920.30	508.13	1,051.26	0.00	0.00	0.00	
5,900.01	12.71	28.90	5,783.97	939.56	518.76	1,073.26	0.00	0.00	0.00	
6,000.01	12.71	28.90	5,881.52	958.82	529.40	1,095.26	0.00	0.00	0.00	
6,100.01	12.71	28.90	5,979.07	978.08	540.03	1,117.27	0.00	0.00	0.00	
6,198.35	12.71	28.90	6,075.00	997.03	550.49	1,138.90	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	
Castle Draw Q-2-9-17	0.00	0.00	5,300.00	844.00	466.00	7,192,918.60	2,066,171.71	40° 3' 23.201 N	109° 58' 43.957 W	
- hit/miss target										
- Shape										
- plan hits target										
- Circle (radius 75.00)										

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N-S (ft)	+E-W (ft)	
600.00	600.00	0.00	0.00	Start Build 1.50
1,447.33	1,440.40	81.94	45.24	Start 12.71° Hold At 1447.33

NEWFIELD PRODUCTION COMPANY
CASTLE DRAW STATE #Q-2-9-17
SW/SW SECTION 2, T9S, R17E
DUCHESNE COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. EXISTING ROADS

See attached **Topographic Map "A"**

To reach Newfield Production Company well location site Castle Draw State Q-2-9-17 located in the SW ¼ SW ¼ Section 2, T9S, R17E, S.L.B. & M., Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles ± to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 11.6 miles ± to its junction with an existing road to the northeast; proceed in a northeasterly direction - 1.4 miles ± to its junction with the beginning of an existing road to the southeast; proceed southeasterly - 0.7 miles ± to its junction with an existing road to the south; proceed southerly - 0.2 miles ± to its junction with the access road to the existing 14-2-9-17 well location; proceed along the access road to the proposed Q-2-9-17 well.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled off of the existing 14-2-9-17 well pad. See attached **Topographic Map "B"**.

There will be no new gates or cattle guards required.

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 existing 14-2-9-17 well pad. There will be a pumping unit and a short flow line added to the existing tank battery for the proposed Q-2-9-17.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted Desert Tan. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Fresh water purchased from the Johnson Water District will be used for drilling. A temporary poly pipeline may be used for water transportation from our existing supply line from Johnson Water District, or trucked from Newfield Production Company's injection facilities – **EXHIBIT A**.

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Castle Draw State Q-2-9-17 will be drilled off of the existing 14-2-9-17 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

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.

8. **ANCILLARY FACILITIES:**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT:**

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **PLANS FOR RESTORATION OF SURFACE:**

a) **Producing Location**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) **Dry Hole Abandoned Location**

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP:** State of Utah

12. **OTHER ADDITIONAL INFORMATION:**

- a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly

disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.

- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the Castle Draw State Q-2-9-17, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the Castle Draw State Q-2-9-17 Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office shall be notified upon site completion prior to moving on the drilling rig.

13. LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

Representative

Name:	David Allred	Brad Mecham
Address:	Newfield Production Company Route 3, Box 3630 Myton, UT 84052	Newfield Production Company Route 3, Box 3630 Myton, UT 84052
Telephone:	(435) 646-3721	(435) 646-4811

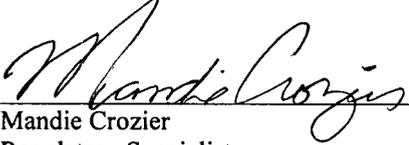
Certification

Please be advised that Newfield Production Company is considered to be the operator of well #Q-2-9-17, SW/SW Section 2, T9S, R17E, LEASE #ML-45555, 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 Hartford Accident #4471291.

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

September 28, 2007
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

CASLTE DRAW Q-2-9-17 (Proposed Well)

CASLTE DRAW 14-2-9-17 (Existing Well)

Pad Location: SWSW Section 2, T9S, R17E, S.L.B.&M.

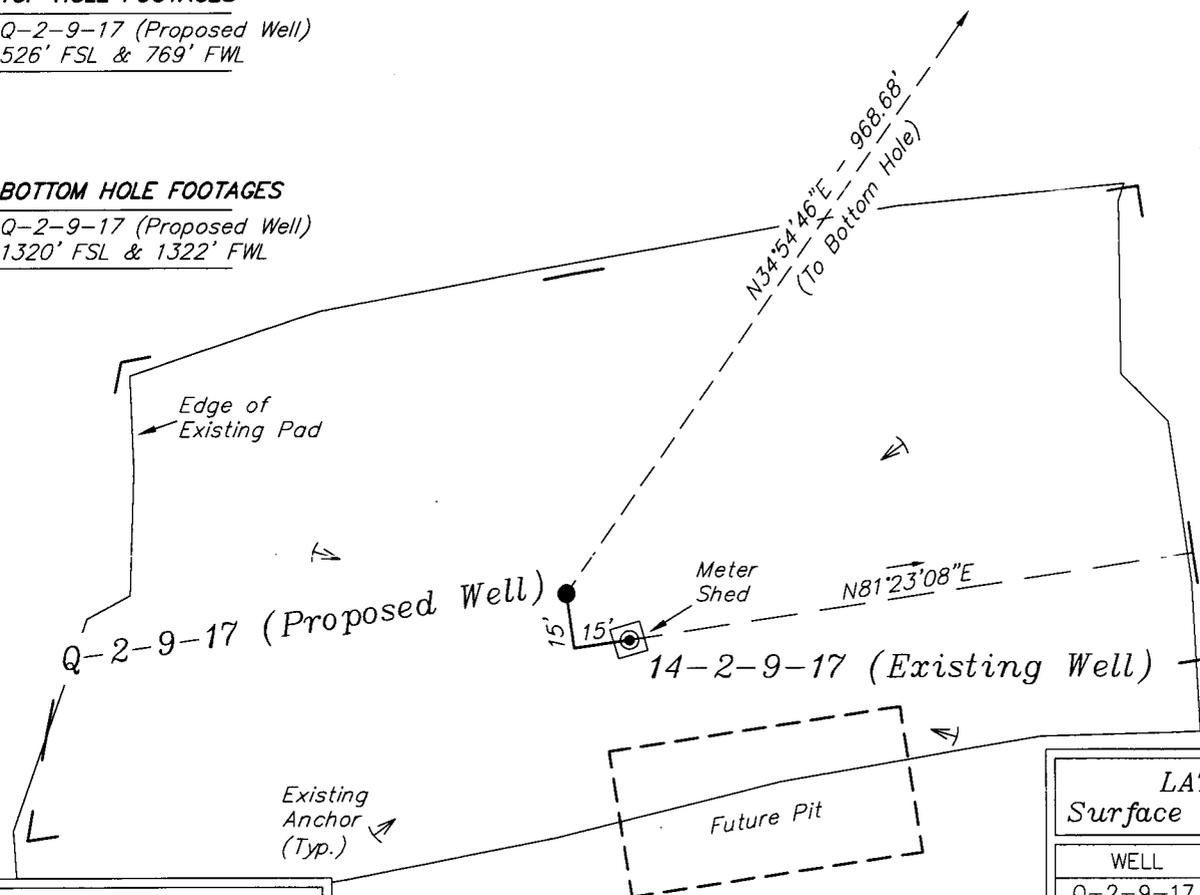


TOP HOLE FOOTAGES

Q-2-9-17 (Proposed Well)
526' FSL & 769' FWL

BOTTOM HOLE FOOTAGES

Q-2-9-17 (Proposed Well)
1320' FSL & 1322' FWL



Note:
Bearings are based on
G.P.S. observations.

RELATIVE COORDINATES From top hole to bottom hole		
WELL	NORTH	EAST
Q-2-9-17	794'	554'

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)		
WELL	LATITUDE	LONGITUDE
Q-2-9-17	40° 03' 14.86"	109° 58' 49.95"
14-2-9-17	40° 03' 14.73"	109° 58' 49.73"

SURVEYED BY: C.M.	DATE SURVEYED: 08-25-07
DRAWN BY: F.T.M.	DATE DRAWN: 09-07-07
SCALE: 1" = 50'	REVISED:

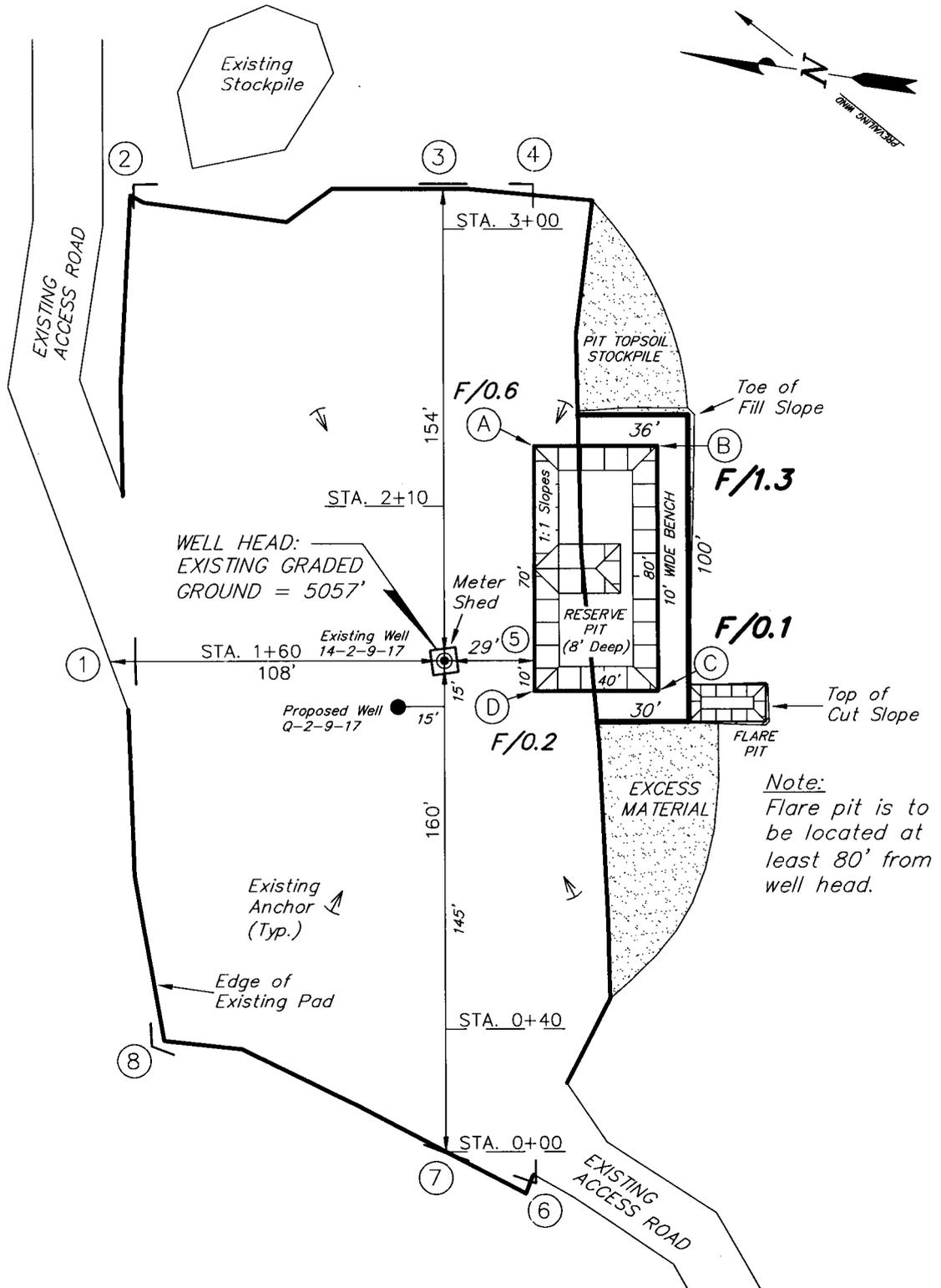
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CASTLE DRAW Q-2-9-17 (Proposed Well)

CASTLE DRAW 14-2-9-17 (Existing Well)

Pad Location: SWSW Section 2, T9S, R17E, S.L.B.&M.



SURVEYED BY: C.M.	DATE SURVEYED: 08-25-07
DRAWN BY: F.T.M.	DATE DRAWN: 09-07-07
SCALE: 1" = 50'	REVISED:

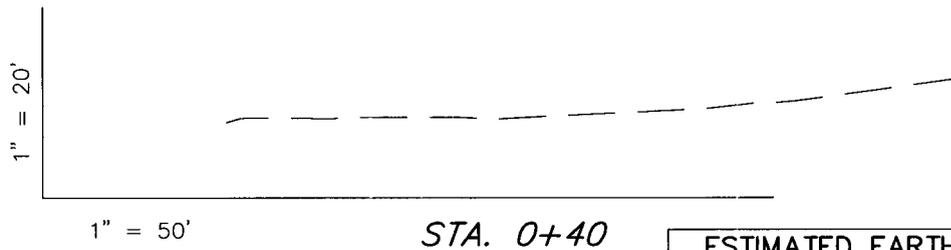
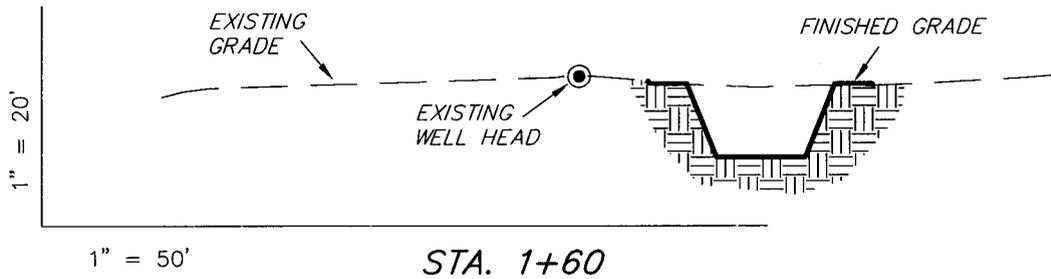
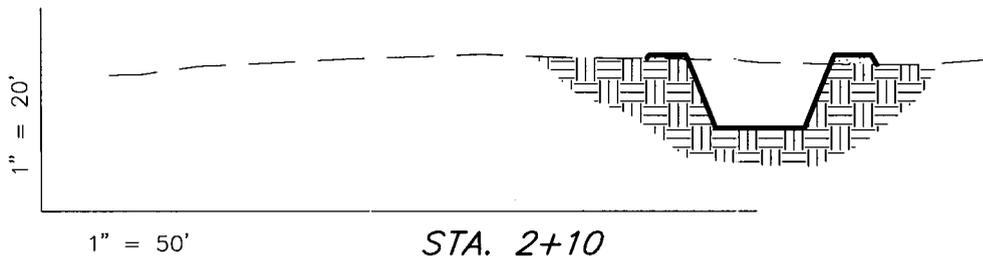
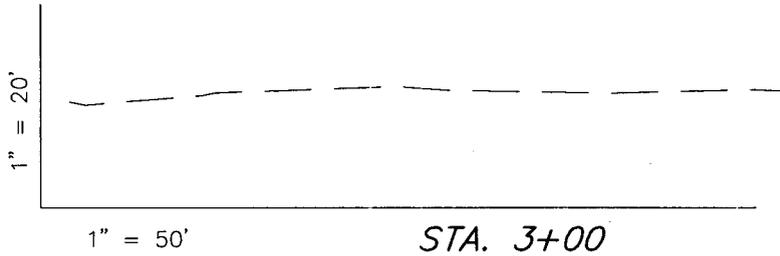
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 Land Surveying, Inc.
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 (435) 781-2501

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

CASTLE DRAW Q-2-9-17 (Proposed Well)

CASTLE DRAW 14-2-9-17 (Existing Well)



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

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	0	60	Topsoil is not included in Pad Cut	-60
PIT	590	0		590
TOTALS	590	60	120	530

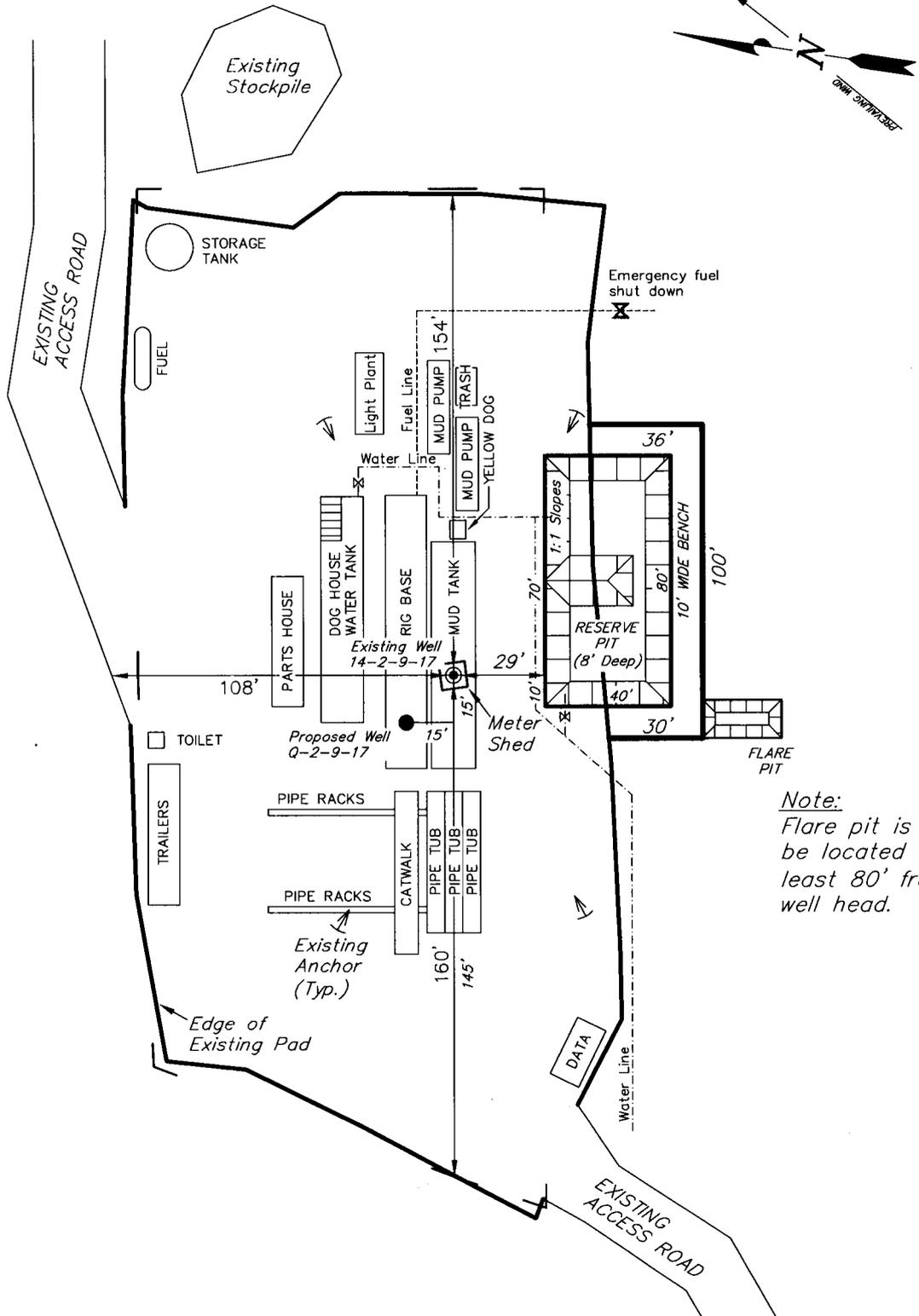
SURVEYED BY: C.M.	DATE SURVEYED: 08-25-07
DRAWN BY: F.T.M.	DATE DRAWN: 09-07-07
SCALE: 1" = 50'	REVISED:

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

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

CASTLE DRAW Q-2-9-17 (Proposed Well)
 CASTLE DRAW 14-2-9-17 (Existing Well)



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

SURVEYED BY: C.M.	DATE SURVEYED: 08-25-07
DRAWN BY: F.T.M.	DATE DRAWN: 09-07-07
SCALE: 1" = 50'	REVISED:

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





NEWFIELD
 Exploration Company

Castle Draw Q-2-9-17 (Proposed Well)
Castle Draw 14-2-9-17 (Existing Well)
 Pad Location: SWSW SEC. 2, T9S, R17E, S.L.B.&M.





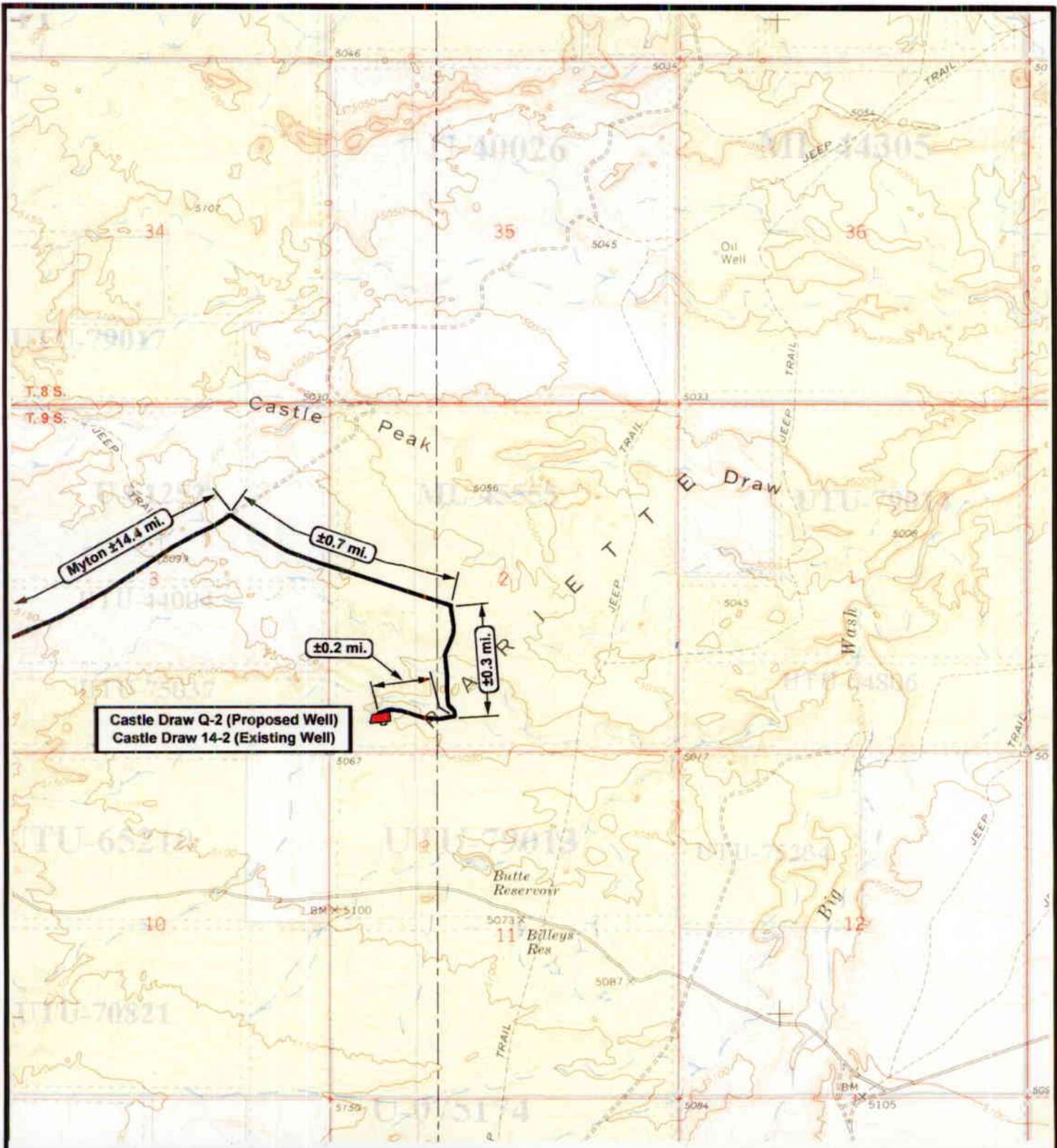
Tri-State
 Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
 DRAWN BY: mw
 DATE: 09-18-2007

Legend

 Existing Road

TOPOGRAPHIC MAP
"A"



Castle Draw Q-2 (Proposed Well)
Castle Draw 14-2 (Existing Well)

NEWFIELD
Exploration Company

Castle Draw Q-2-9-17 (Proposed Well)
Castle Draw 14-2-9-17 (Existing Well)
 Pad Location: SWSW SEC. 2, T9S, R17E, S.L.B.&M.



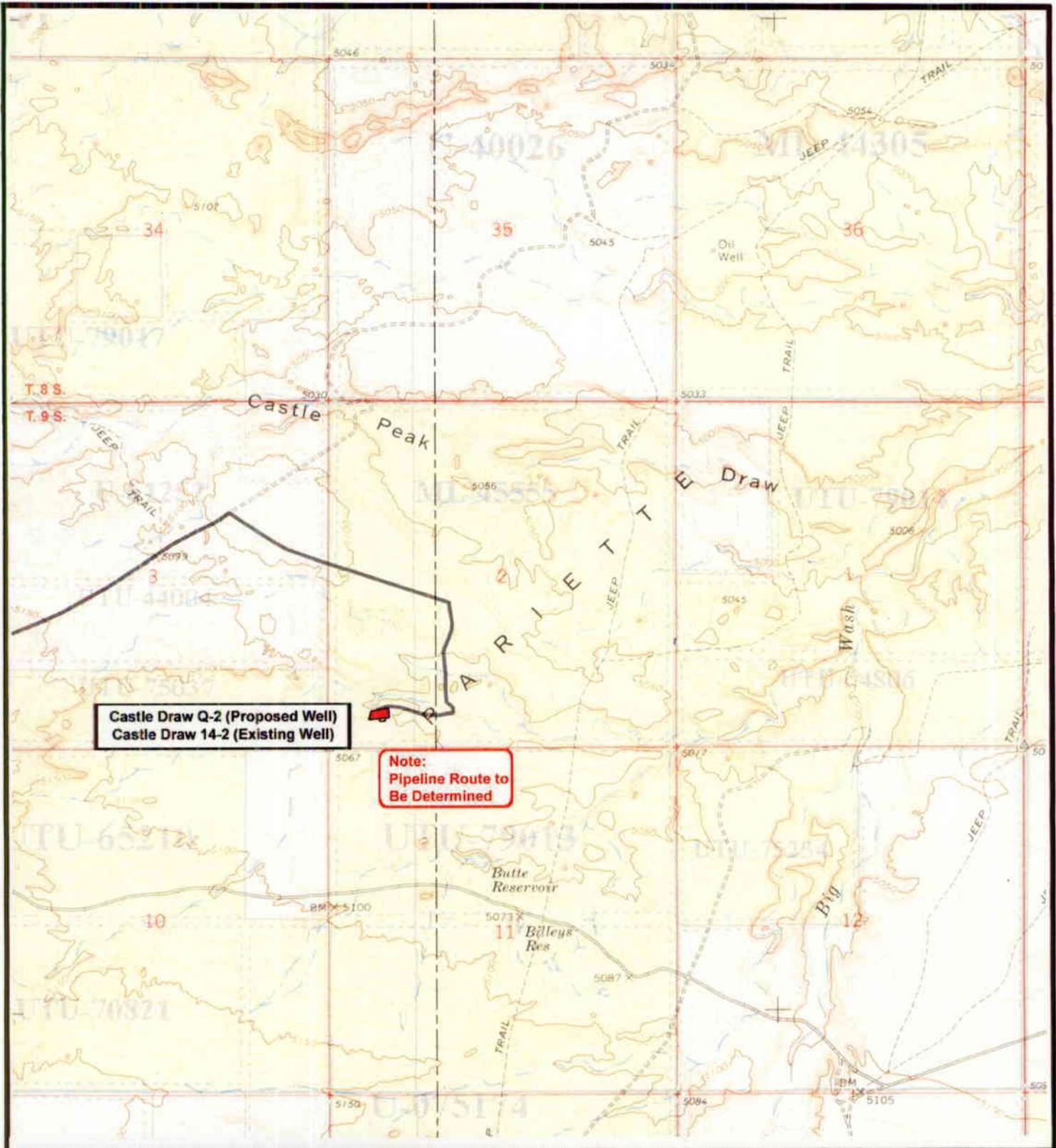
Tri-State
 Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
 DRAWN BY: mw
 DATE: 09-18-2007

Legend

Existing Road

TOPOGRAPHIC MAP
"B"



Castle Draw Q-2 (Proposed Well)
 Castle Draw 14-2 (Existing Well)

Note:
 Pipeline Route to
 Be Determined

NEWFIELD
 Exploration Company

Castle Draw Q-2-9-17 (Proposed Well)
Castle Draw 14-2-9-17 (Existing Well)
 Pad Location: SWSW SEC. 2, T9S, R17E, S.L.B.&M.



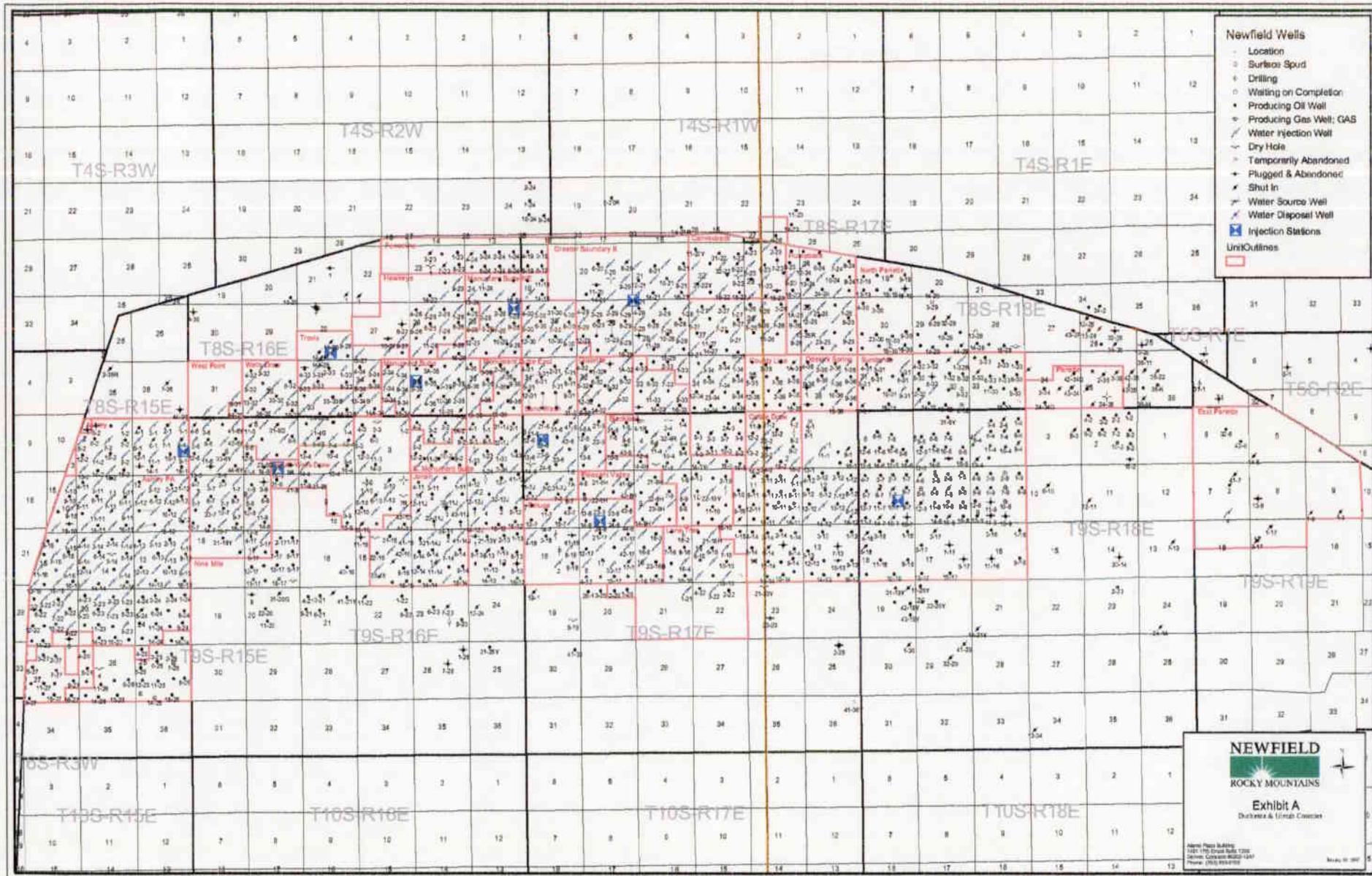
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 Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

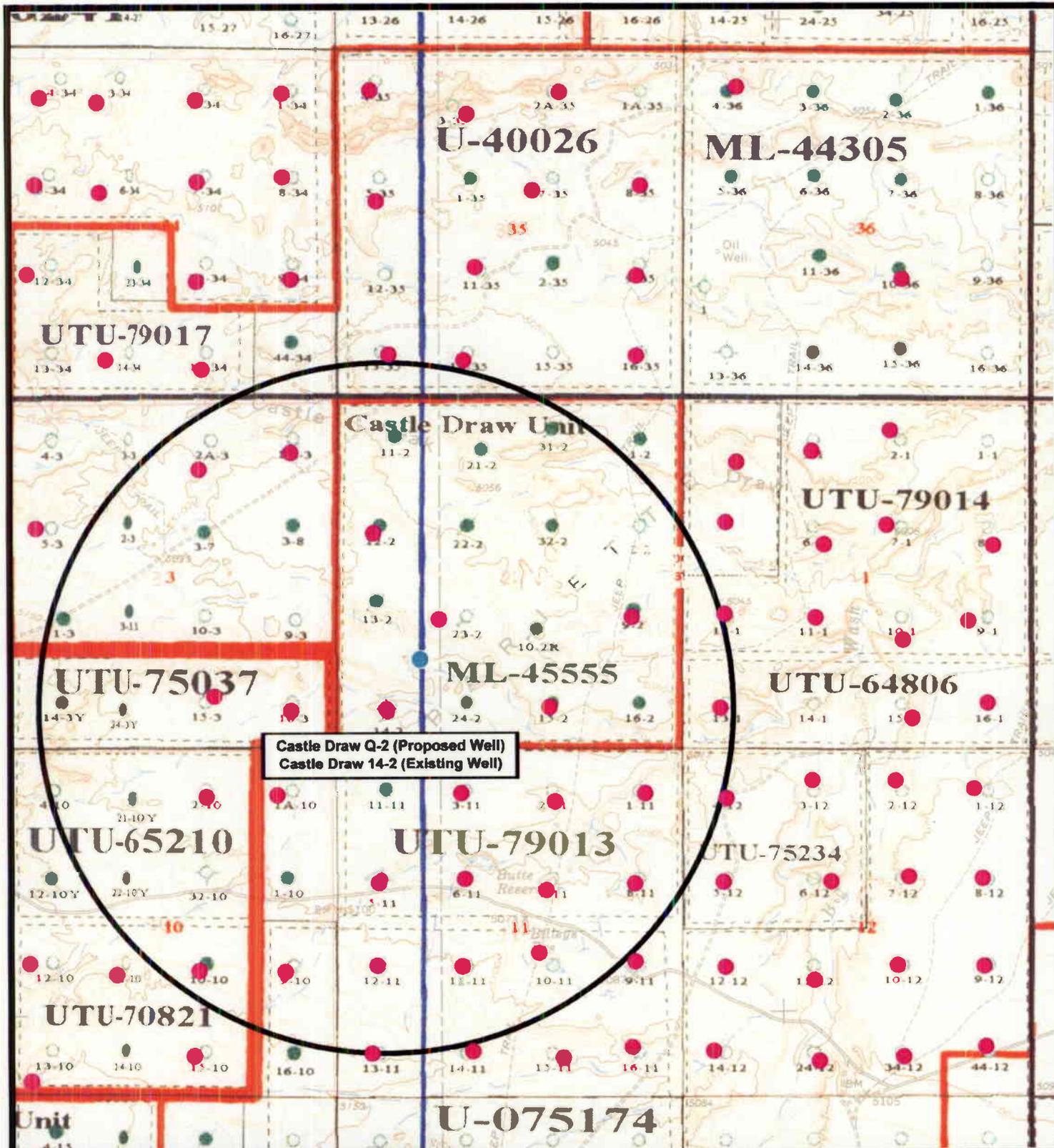
SCALE: 1" = 2,000'
 DRAWN BY: mw
 DATE: 09-18-2007

Legend

— Roads

TOPOGRAPHIC MAP
"C"





Castle Draw Q-2 (Proposed Well)
 Castle Draw 14-2 (Existing Well)

NEWFIELD
 Exploration Company

Castle Draw Q-2-9-17 (Proposed Well)
Castle Draw 14-2-9-17 (Existing Well)
 Pad Location: SWSW SEC. 2, T9S, R17E, S.L.B.&M.



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 Land Surveying Inc.
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 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
 DRAWN BY: mw
 DATE: 09-18-2007

Legend

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

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

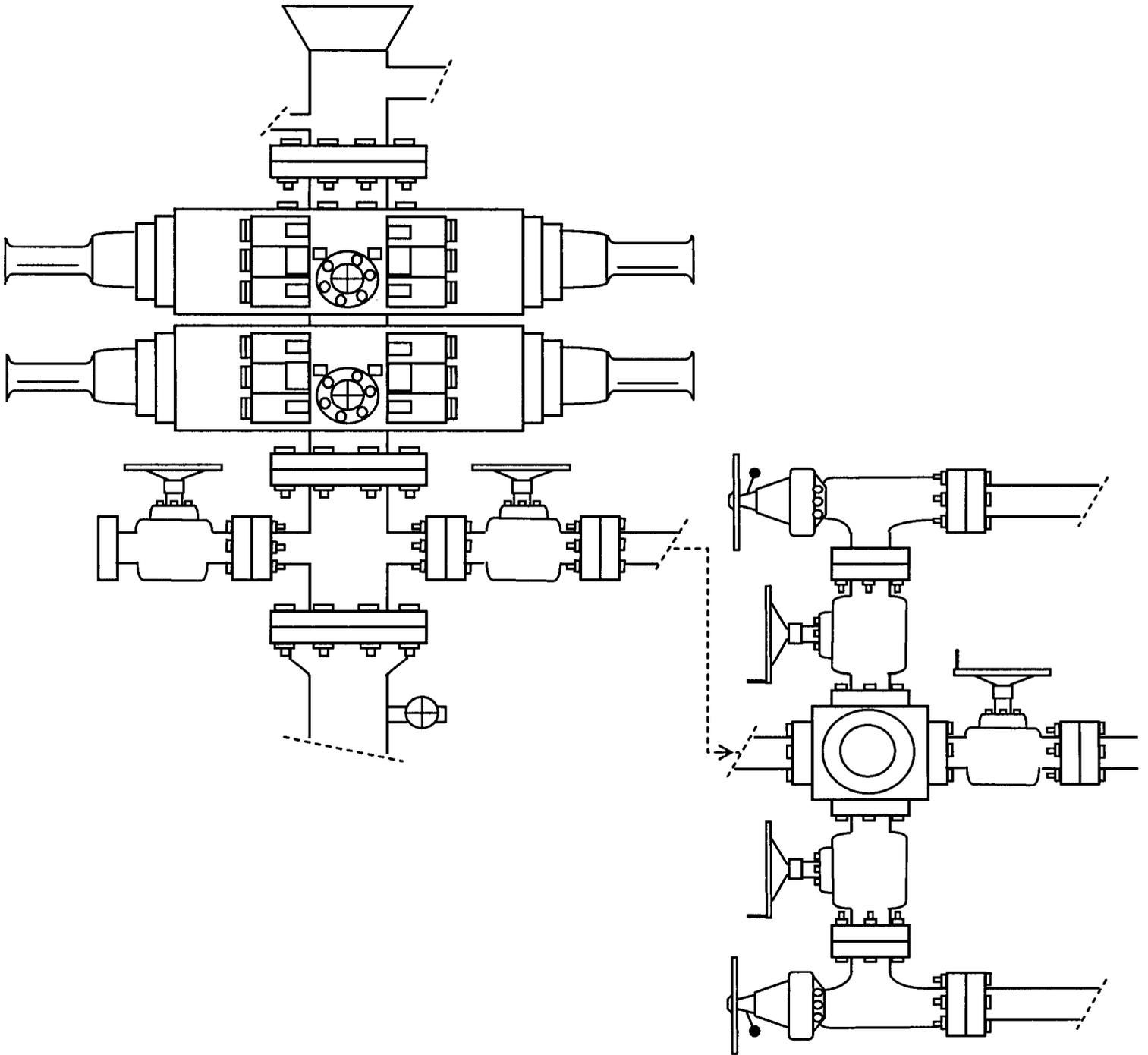


EXHIBIT C

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 10/04/2007

API NO. ASSIGNED: 43-013-33785

WELL NAME: CASTLE DRAW ST Q-2-9-17
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWSW 02 090S 170E
 SURFACE: 0526 FSL 0769 FWL
 BOTTOM: 1320 FSL 1322 FWL
 COUNTY: DUCHESNE
 LATITUDE: 40.05416 LONGITUDE: -109.9798
 UTM SURF EASTINGS: 587016 NORTHINGS: 4434057
 FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DWC	11/8/07
Geology		
Surface		

LEASE TYPE: 3 - State
 LEASE NUMBER: ML-45555
 SURFACE OWNER: 3 - State

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. B001834)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. MUNICIPAL)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- _____ R649-2-3.
Unit: CASTLE DRAW *Enhanced Recovery*
- _____ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- _____ R649-3-3. Exception
- Drilling Unit
Board Cause No: 228-3
Eff Date: 1-18-1996
Siting: Does Not Suspend General Siting
- R649-3-11. Directional Drill

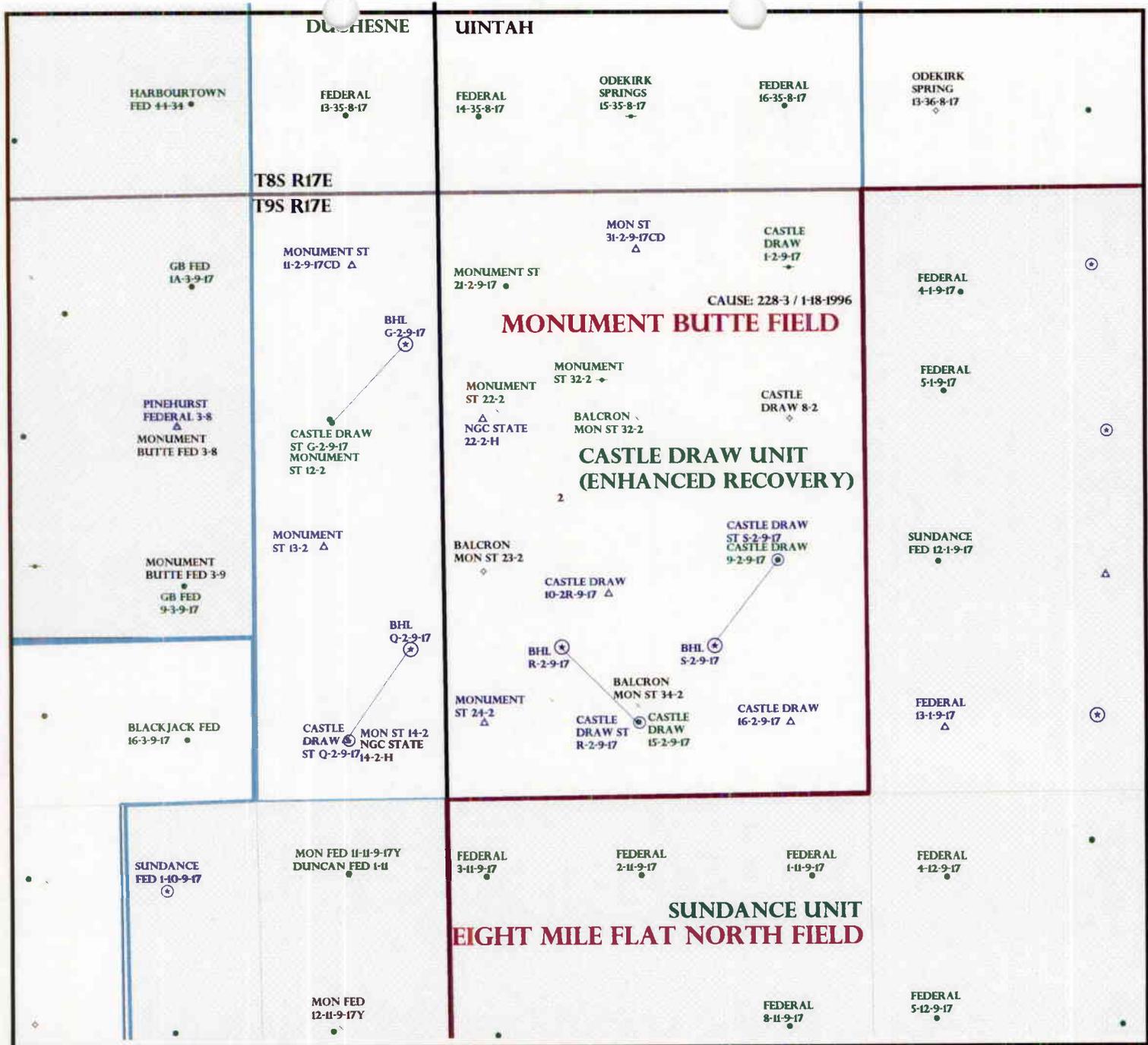
COMMENTS:

Needs Permit (10-09-07)

STIPULATIONS:

1- STATEMENT OF BASIS

Handwritten initials



MONUMENT BUTTE FIELD

CASTLE DRAW UNIT (ENHANCED RECOVERY)

SUNDANCE UNIT EIGHT MILE FLAT NORTH FIELD

OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 2 T.9S R.17E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE & UINTAH

CAUSE: 228-3 / 1-18-1996

- Field Status**
- ABANDONED
 - ACTIVE
 - COMBINED
 - INACTIVE
 - PROPOSED
 - STORAGE
 - TERMINATED

- Unit Status**
- EXPLORATORY
 - GAS STORAGE
 - NF PP OIL
 - NF SECONDARY
 - PENDING
 - PI OIL
 - PP GAS
 - PP GEOTHERML
 - PP OIL
 - SECONDARY
 - TERMINATED

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



PREPARED BY: DIANA MASON
DATE: 05-OCTOBER-2007

Application for Permit to Drill

Statement of Basis

10/17/2007

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
558	43-013-33785-00-00		OW	S	No
Operator	NEWFIELD PRODUCTION COMPANY	Surface Owner-APD			
Well Name	CASTLE DRAW ST Q-2-9-17	Unit	CASTLE DRAW		
Field	MONUMENT BUTTE	Type of Work			
Location	SWSW 2 9S 17E S 526 FSL 769 FWL	GPS Coord (UTM) 587016E 4434057N			

Geologic Statement of Basis

Newfield proposes to set 290' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 100'. A search of Division of Water Rights records shows 12 water wells within a 10,000 foot radius of the center of Section 2. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Surface casing should be extended to cover the estimated base of the moderately saline ground water.

Brad Hill
APD Evaluator

10/17/2007
Date / Time

Surface Statement of Basis

The proposed Castle Draw Q-2-9-17 oil well is a directional well planned on an existing location occupied by the Castle Draw 14-2-9-17 injection well. No significant changers will occur to the existing pad. The reserve pit will be dug in the reclaimed area used for the existing well. No apparent physical features would affect occupying this site for the additional proposed well. Both the surface and minerals are owned by SITLA.

Floyd Bartlett
Onsite Evaluator

10/9/2007
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name CASTLE DRAW ST Q-2-9-17
API Number 43-013-33785-0 **APD No** 558 **Field/Unit** MONUMENT BUTTE
Location: 1/4,1/4 SWSW **Sec** 2 **Tw** 9S **Rng** 17E 526 FSL 769 FWL
GPS Coord (UTM) 687017 4434058 **Surface Owner**

Participants

Floyd Bartlett (DOGM), David Allred (Newfield), Ben Williams (UDWR)

Regional/Local Setting & Topography

The proposed Castle Draw Q-2-9-17 oil well is a directional well planned on an existing location occupied by the Castle Draw 14-2-9-17 injection well. No significant changes will occur to the existing pad. The reserve pit will be dug in the reclaimed area used for the existing well. No apparent physical features would affect occupying this site for the additional proposed well. Both the surface and minerals are owned by SITLA.

SITLA was invited to the presite but did not attend.

Surface Use Plan

Current Surface Use
Existing Well Pad

New Road

Miles	Well Pad		Src Const Material	Surface Formation
0	Width	Length		

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Existing pad.

Soil Type and Characteristics

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required N

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? N Paleo Potential Observed? N Cultural Survey Run? Y Cultural Resources? N

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	<300	20
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	<10	0
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0
Final Score		35
		1 Sensitivity Level

Characteristics / Requirements

The pit will be dug in the previous location on the south side of the location. A 16 mil liner will be installed.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 16 Pit Underlayment Required?

Other Observations / Comments

SITLA was invited to the presite but did not attend.

Floyd Bartlett
Evaluator

10/9/2007
Date / Time

2007-11 Newfield Castle Draw Q-2-9-17

Casing Schematic

Surface

12 1/2%

15%

BHP $0.052(6075)8.4 = 2654 \text{ psi}$
anticipate $< 2000 \text{ psi}$ 8-5/8"

MW 8.4
Frac 19.3

TOC @ 0.
TOC @ 43.100' BMSW ✓
Surface 290. MD
290. TVD

Winta ✓
to surf w/13%

Good $.12(6075) = 729$
 $2654 - 729 = 1925 \text{ psi, MASP}$

BOPE 2M ✓

Burst 2950
70% 2065 psi

Max P @ surf. shoe

$.22(5785) = 1273$
 $2654 - 1273 = 1381 \text{ psi}$
max Press Allowed @ shoe = 290 psi

test to 1400 psi ✓

✓ Adequate OKD w/8/07

1700' Green River

✓

5-1/2"
MW 8.4

6198' Wasatch
Production
6198. MD
6075. TVD

Well name:	2007-11 Newfield Castle Draw Q-2-9-17	
Operator:	Newfield Production Company	
String type:	Surface	Project ID: 43-013-33785
Location:	Duchesne County	

Design parameters:

Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 255 psi
Internal gradient: 0.120 psi/ft
Calculated BHP: 290 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 253 ft

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 79 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 290 ft

Cement top: 43 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 6,075 ft
Next mud weight: 8.400 ppg
Next setting BHP: 2,651 psi
Fracture mud wt: 19,250 ppg
Fracture depth: 290 ft
Injection pressure: 290 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	290	8.625	24.00	J-55	ST&C	290	290	7.972	103.7
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	127	1370	10.826	290	2950	10.17	6	244	40.12 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Minerals

Phone: 801-538-5357
FAX: 801-359-3940

Date: November 2, 2007
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 290 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	2007-11 Newfield Castle Draw Q-2-9-17	
Operator:	Newfield Production Company	
String type:	Production	Project ID: 43-013-33785
Location:	Duchesne County	

Design parameters:

Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 160 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 1,314 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 2,651 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 5,407 ft

Directional Info - Build & Hold

Kick-off point 600 ft
Departure at shoe: 1139 ft
Maximum dogleg: 1.5 °/100ft
Inclination at shoe: 12.71 °

Run Seq	Segment Length (ft)	Size (In)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	6198	5.5	15.50	J-55	LT&C	6075	6198	4.825	828.3
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2651	4040	1.524	2651	4810	1.81	82	217	2.64 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Minerals

Phone: 801-538-5357
FAX: 801-359-3940

Date: November 2, 2007
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 6075 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.



October 4, 2007

43-013-33185

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

RE: Directional Drilling
Castle Draw State Q-2-9-17
Castle Draw Unit
Surface Hole: T9S R17E, Section 2: SW/4SW/4
526' FSL 769' FWL
Bottom Hole: T9S R17E, Section 2: SW/4SW/4
1320' FSL 1322' FWL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated September 28, 2007, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and bottom hole location of this well are both within the boundaries of the Castle Draw Unit, which is covered entirely by State of Utah lease ML-45555. Newfield certifies that it is the Castle Draw Unit Operator and all lands within 460 feet of the entire directional well bore are within the Castle Draw Unit.

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

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

Sincerely,

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

Roxann Eveland
Land Associate

Attachments

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OCT 09 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN		5. LEASE DESIGNATION AND SERIAL NO. ML-45555	
1a. TYPE OF WORK DRILL <input type="checkbox"/> <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
1b. TYPE OF WELL		7. UNIT AGREEMENT NAME Castle Draw	
OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER <input type="checkbox"/>		8. FARM OR LEASE NAME N/A	
2. NAME OF OPERATOR Newfield Production Company		9. WELL NO. Castle Draw State #Q-2-9-17	
3. ADDRESS AND TELEPHONE NUMBER: Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721		10. FIELD AND POOL OR WILDCAT Monument Butte	
4. LOCATION OF WELL (FOOTAGE) At Surface SW/SW 526' FSL 769' FWL At proposed Producing Zone SW/SW 1320' FSL 1322' FWL		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SW/SW Sec. 2, T9S, R17E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 15.6 miles southeast of Myton, UT		12. County Duchesne	13. STATE UT

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) Approx. 1320' f/lse line and 1320' f/unit line	16. NO. OF ACRES IN LEASE 640.20	17. NO. OF ACRES ASSIGNED TO THIS WELL 20
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. Approximately 1342' (Down Hole)	19. PROPOSED DEPTH 6198'	20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5057' GL	22. APPROX. DATE WORK WILL START* 1st Quarter 2008	

23. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	290'	155 sx +/- 10%
7 7/8	5 1/2	15.5#	TD	275 sx lead followed by 450 sx tail
				See Detail Below

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give date on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

***The actual cement volumes will be calculated off of the open hole logs, plus 15% excess:**

SURFACE PIPE - 155 sx Class G Cement +/- 10%, w/ 2% CaCl2 & 1/4#/sk Cello-flake
Weight: 15.8 PPG YIELD: 1.17 Cu Ft/sk H2O Req: 5 gal/sk

LONG STRING - Lead: Premium Lite II Cement + 3lbs/sk BA-90 + 3% KCl + .25 lbs/sk Cello Flake + 2 lbs/sk Kol Seal + 10% Bentonite + .5% Sodium Metasilicate
Weight: 11.0 PPG YIELD: 3.43 Cu Ft/sk H2O Req: 21.04 gal/sk

Tail: 50-50 Poz-Class G Cement + 3% KCl + .25 lbs/sk Cello Flake + 2% Bentonite + .3% Sodium Metasilicate
Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H2O Req: 7.88 gal/sk

24. Name & Signature: *Mandie Crozier* Title: Regulatory Specialist Date: 9/28/2007
Mandie Crozier

(This space for State use only)

API Number Assigned: _____ APPROVAL: _____

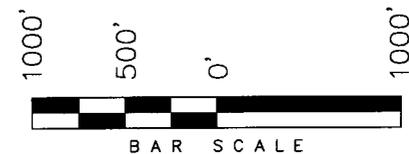
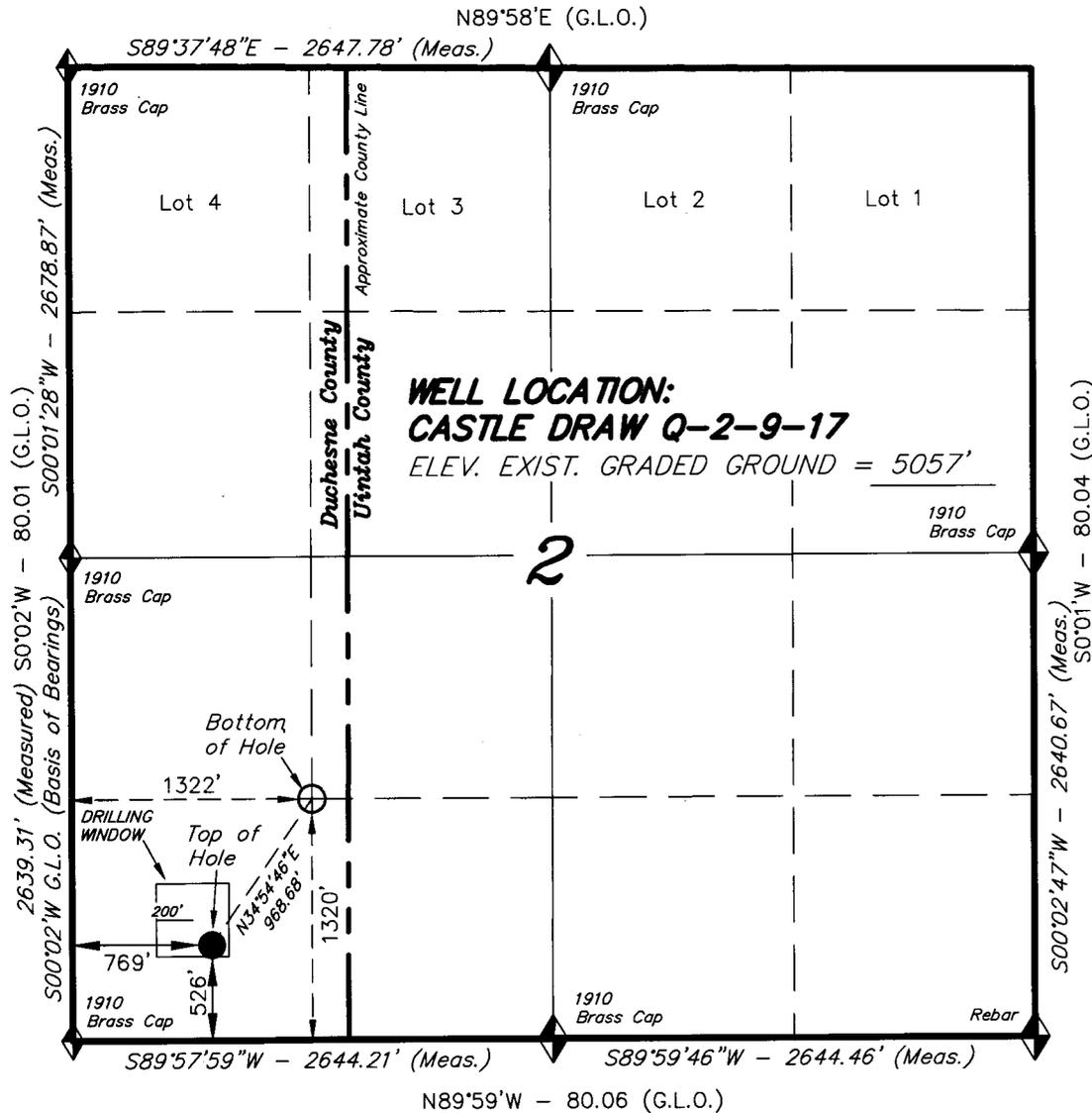
***See Instructions On Reverse Side**

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OCT 09 2007
DIV. OF OIL, GAS & MINING

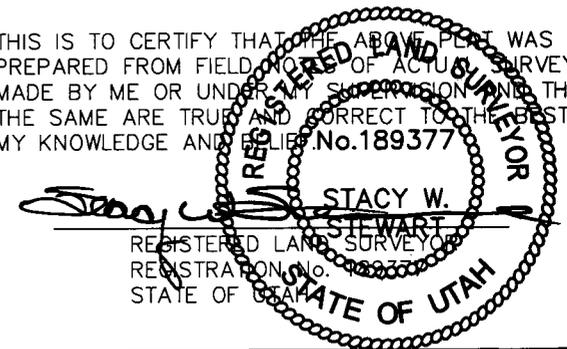
T9S, R17E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, CASTLE DRAW Q-2-9-17,
 LOCATED AS SHOWN IN THE SW 1/4 SW
 1/4 OF SECTION 2, T9S, R17E, S.L.B.&M.
 DUCHESNE COUNTY, UTAH.



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: 08-25-07	SURVEYED BY: C.M.
DATE DRAWN: 09-07-07	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

CASTLE DRAW Q-2-9-17
 (Surface Location) NAD 83
 LATITUDE = 40° 03' 14.86"
 LONGITUDE = 109° 58' 49.95"

◆ = SECTION CORNERS LOCATED

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

From: Ed Bonner
To: Mason, Diana
Date: 10/9/2007 5:04 PM
Subject: Well Clearance

CC: Davis, Jim; Garrison, LaVonne; Hill, Brad; Hunt, Gil

The following wells have been given cultural resources clearance by the Trust Lands Cultural Resources Group:

Delta Petroleum Corporation
Greentown State 31-362216 (API 43 019 31555)

Dominion Exploration & Production, Inc
KC 11-36D (API 43 047 38690)

Newfield Production Company
Castle Draw State S-2-9-17 (API 43 047 39680)
Castle Draw State R-2-9-17 (API 43 047 39681)
Castle Draw State Q-2-9-17 (API 43 013 33785)

Wind River II Corporation
Cherry Mesa 12-27-16-22 (API 43 019 31554)

If you have any questions regarding this matter please give me a call.



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

November 8, 2007

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

Re: Castle Draw State Q-2-9-17 Well, 526' FSL, 769' FWL, SW SW, Sec. 2, T. 9 South, R. 17 East, Bottom Location 1320' FSL, 1322' FWL, SW SW, Sec. 2, 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 43-013-33785.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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



Operator: Newfield Production Company
Well Name & Number Castle Draw State Q-2-9-17
API Number: 43-013-33785
Lease: ML-45555

Location: SW SW **Sec.** 2 **T.** 9 South **R.** 17 East
Bottom Location: SW SW **Sec.** 2 **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

The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at: (801) 538-5338 office (801) 942-0873 home
- Carol Daniels at: (801) 538-5284 office
- Dustin Doucet at: (801) 538-5281 office (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.

Page 2

43-013-33785

November 8, 2007

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
6. 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.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: CASTLE DRAW ST Q-2-9-17

Api No: 43-013-33785 Lease Type: STATE

Section 02 Township 09S Range 17E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 03/10/08

Time 11:00 AM

How DRY

Drilling will Commence: _____

Reported by RANDY BIRD

Telephone # (435) 828-6110

Date 03/11/08 Signed CHD

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B A	99999	14844	4304734940	FEDERAL 8-1-9-17	NESE	1	9	17	UINTAH	3/3/2008	3/17/08
WELL 1 COMMENTS: <i>GRUV</i> <i>SENE</i>											
A	99999	16741	4301333345	FEDERAL 16-24-9-16	NWSE	18	9	16	DUCHESNE	3/10/2008	3/17/08
WELL 2 COMMENTS: <i>GRUV</i> <i>SESE 24</i>											
B A	99999	13275	4301333785	CASTLE DRAW STATE Q-2-9-17	SWSW	2	9	17	DUCHESNE	3/8/2008	3/17/08
WELL 3 COMMENTS: <i>GRUV</i> <i>BHL = SWSW</i>											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

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

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 DIV. OF OIL, GAS & MINING

Tammi Lee
 Signature
 Production Clerk
 Date 03/12/08

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTAH STATE ML-45555

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

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

7. UNIT or CA AGREEMENT NAME:
CASTLE DRAW UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
CASTLE DRAW ST Q-2-9-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333785

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

PHONE NUMBER
435.646.3721

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 526 FSL 769 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSW, 2, T9S, R17E

STATE: UT

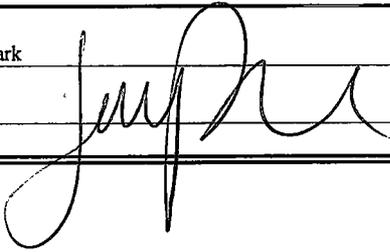
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 05/13/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The above subject well was completed on 05/09/08, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE 

DATE 05/13/2008

(This space for State use only)

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MAY 15 2008

DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

CASTLE DRAW ST Q-2-9-17

2/1/2008 To 6/30/2008

4/11/2008 Day: 1

Completion

Rigless on 4/10/2008 - Instal 5K frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6014' & cement top @ 240'. Perforate stage #1, CP4 sds @ 5804-5816' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°) w/ 4 spf for total of 48 shots. 143 bbls EWTR. SIFN.

4/15/2008 Day: 2

Completion

Rigless on 4/14/2008 - Stage #1, CP4 sands. RU BJ Services. 0 psi on well. Frac CP4 sds w/ 49,796#'s of 20/40 sand in 479 bbls of Lightning 17 fluid. Broke @ 3658 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1680 psi @ ave rate of 23.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 1539 psi. Leave pressure on well. 621 BWTR Stage #2, CP2 sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 8' perf gun. Set plug @ 5750'. Perforate CP2 sds @ 5659- 67' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 32 shots. RU BJ Services. 1226 psi on well. Frac CP2 sds w/ 20,829#'s of 20/40 sand in 325 bbls of Lightning 17 fluid. Broke @ 1438 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2200 psi @ ave rate of 23.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 1543 psi. Leave pressure on well. 946 BWTR Stage #3, CP1 sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 18' perf gun. Set plug @ 5640'. Perforate CP1 sds @ 5584- 5602' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 72 shots. RU BJ Services. 1355 psi on well. Frac CP1 sds w/ 85,055#'s of 20/40 sand in 675 bbls of Lightning 17 fluid. Broke @ 2775 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1705 psi @ ave rate of 23.4 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 1844 psi. Leave pressure on well. 1621 BWTR Stage #4, LODC & A3 sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 11' & 8' perf gun. Set plug @ 5400'. Perforate LODC sds @ 5287- 98', A3 sds @ 5250- 58' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 76 shots. RU BJ Services. 1430 psi on well. Frac LODC & A3 sds w/ 75,335#'s of 20/40 sand in 610 bbls of Lightning 17 fluid. Broke @ 2739 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1803 psi @ ave rate of 23.4 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 1914 psi. Leave pressure on well. 2231 BWTR Stage #5, C sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 12' perf gun. Set plug @ 5020'. Perforate C sds @ 4906- 18' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 48 shots. RU BJ Services. 1755 psi on well. Frac C sds w/ 64,874#'s of 20/40 sand in 549 bbls of Lightning 17 fluid. Broke @ 2052 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2312 psi @ ave rate of 23.4 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISIP 2522 psi. Leave pressure on well. 2780 BWTR Stage #6, D2 sands. RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 10' perf gun. Set plug @ 4860'. Perforate D2 sds @ 4774- 84' w/ 3-1/8" Slick Guns (19

gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 40 shots. RU BJ Services. 1725 psi on well. Frac D2 sds w/ 49,017#'s of 20/40 sand in 442 bbls of Lightning 17 fluid. Broke @ 2254 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2195 psi @ ave rate of 23.4 BPM. ISIP 2236 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 6 hrs & died (Decreased in rate after 2 hrs of flowing, Last 4 hr flowed @ 1/2 to 1/4 BPM). Rec. 216 BTF. SIWFN w/ 3006 BWTR.

4/17/2008 Day: 3 **Completion**

Western #1 on 4/16/2008 - MIRU Western #1. 150 psi on well. Bleed off pressure. ND Cameron BOP & 5M WH. NU 3M WH & Shcaffer BOP. SIWFN w/ 3000 BWTR.

4/18/2008 Day: 4 **Completion**

Western #1 on 4/17/2008 - 100 psi on well. Bleed off pressure. Talley, PU & RIH w/ 2 7/8" J-55 tbg. Tagged sand @ 4561'. RU Nabors power swivel. Circulate out sand. Drill up plug @ 4860'. Well started flowing, Unable to kill. Flowed for 6 hrs. Rec 250 BTF. EOT @ 4873'. SIWFN w/ 2750 BWTR.

4/19/2008 Day: 5 **Completion**

Western #1 on 4/18/2008 - 1120 psi on tbg, 1200 psi on csg. Tried to bleed off well, would only bleed down to 900 psi on 20/64 choke. Hot oiler heat flat tank. Bleed csg pressure to central tank battery while hot oiler pumped 35 bbls of 10# brine wtr down tbg to kill tbg. RD power swivel & washington head. Land tbg w/ 3M B1 adaptor flange on BOP w/ full bore 2 7/8" gate valve. Shut in csg, Flowed brine wtr out of tbg to 400 bbls upright. Hot oiler pumped 80 bbls of 10# brine down csg to kill csg. Change out washed out csg valve's. Shut in tbg, Flow brine back up csg. RU tbg w/ double 2 7/8" full bore valve, Adjustable choke to flowline. Put well to flowing to central battery @ 2:45 PM on 20/64 choke, 350 psi on tbg, 320 psi on csg. Flowing @ 1 BPM w/ 2690 BWTR. Transferred 120 bbls of oil to central battery tank #3, 123 bbls of oil to tank #1.

4/21/2008 Day: 6 **Completion**

Western #1 on 4/20/2008 - MIRU Western #4. RD flowback equipment. RIH w/ tbg. Tag CBP @ 5020'. RU pump & powerswivel. DU CBP in 20 min. Cont. RIH w/ tbg. Tag sand @ 5221'. C/O to CBP @ 5400'. DU CBP in 18 min. Circulate well clean. SWIFN.

5/9/2008 Day: 7 **Completion**

Western #4 on 5/8/2008 - Circulate well clean. RIH w/ tbg. Tag @ 5405'. C/O to CBP @ 5640'. DU CBP in 15 min. Cont. RIH w/ tbg. Tag 5730'. C/O to CBP @ 5750'. DU CBP in 16 min. Cont. RIH w/ tbg. Tag @ 5844'. C/O to PBD @ 6038'. Circulate well clean. Pull up to 5944'. Make 1 swab run. Well started flowing. Well flowed for 3 hrs. Recovered 170 bbls. 60% oil cut.

5/10/2008 Day: 8 **Completion**

Western #4 on 5/9/2008 - Kill well w/ 250 bbls 10# brine water. RIH w/ tbg. Tag PBD @ 6038'. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 184 jts 2 7/8" tbg. ND BOP (dropped BOP nut down hole). Set TAC @ 5790' 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 16' x 20' RHAC pump, 4-1 1/2" weight bars, 228- 7/8" guided rods (8 per rod), 1 1/2" x 26' polished rod.

- **Seat pump. Stroke test to 800 psi. RU pumping unit. Hang off rods. RD. Put well on production @ 7:00 p.m. 102" stroke, 5 spm. Final Report.**

Pertinent Files: Go to File List

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

5. LEASE DESIGNATION AND SERIAL NUMBER: UTAH STATE ML-45555
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: CASTLE DRAW UNIT
8. WELL NAME and NUMBER: CASTLE DRAW ST Q-2-9-17
9. API NUMBER: 4301333785
10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

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

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 526 FSL 769 FWL COUNTY: DUCHESNE
OTR/OTR. SECTION TOWNSHIP. RANGE. MERIDIAN: SWSW, 2, T9S, R17E STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 03/15/2008	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Spud Notice
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

On 3/8/08 MIRU NDSI NS # 1. Spud well @ 11:00 AM. Drill 315' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 306.82 KB On 3/15/08 cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 5 bbls cement to pit. WOC.

NAME (PLEASE PRINT) Alvin Nielsen TITLE Drilling Foreman

SIGNATURE *Alvin Nielsen* DATE 03/15/2008

(This space for State use only)

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

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 306.82

LAST CASING 8 5/8" set @ 306.82
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 315' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
 WELL CD State Q-2-9-17
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS # 1

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 39.50'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	294.97
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			296.82
TOTAL LENGTH OF STRING		296.82	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			306.82
TOTAL		294.97	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		294.97	7				
TIMING CASE		1ST STAGE					
BEGIN RUN CSG.	Spud	3/8/2008	11:00 AM	GOOD CIRC THRU JOB <u>YES</u>			
CSG. IN HOLE		3/10/2008	9:00 AM	Bbls CMT CIRC TO SURFACE <u>5</u>			
BEGIN CIRC		3/15/2008	8:47 AM	RECIPROCATED PIPE FOR <u>N/A</u>			
BEGIN PUMP CMT		3/15/2008	8:58 AM				
BEGIN DSPL. CMT		3/15/2008	9:08 AM	BUMPED PLUG TO <u>555</u> PSI			
PLUG-DOWN		3/15/2008	9:20 AM				

CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					

CENTRALIZER & SCRATCHER PLACEMENT SHOW MAKE & SPACING
 Centralizers - Middle first, top second & third for 3

TIME _____
 DATE _____

COMPANY REPRESENTATIVE Alvin Nielsen DATE 3/15/2008

BEGIN PUMP CMT _____
 BEGIN DSPL. CMT _____
 PLUG-DOWN _____
 CEMENT _____

(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.

ML-45555

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

Castle Draw State Unit

1b. TYPE OF WELL

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

8. FARM OR LEASE NAME, WELL NO.

Castle Draw State Q-2-9-17

2. NAME OF OPERATOR

Newfield Exploration Company

9. WELL NO.

43-013-33785

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

10. FIELD AND POOL OR WILDCAT OR AREA

Monument Butte

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

At Surface 526' FSL & 769' FWL (SW/SW) Sec. 2, T9S, R17E

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

Sec. 2, T9S, R17E

At top prod. Interval reported below

At total depth

1430 fsl 1254 fwl

Per DKD review

14. API NO. 43-013-33785 DATE ISSUED 11/08/07

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUNDED

03/08/08

16. DATE T.D. REACHED

03/24/08

17. DATE COMPL. (Ready to prod.)

04/18/08

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

5057' GL

19. ELEV. CASINGHEAD

5069' KB

20. TOTAL DEPTH, MD & TVD

6082' 5974

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

6038 5932

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 4774'-5816'

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED

No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	307'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6080'	7-7/8"	300 sx Premlite II and 425 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 @	TA @
						5889'	5790'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP4) 5804'-5816'	.49"	4/48	5804'-5816'	Frac w/ 49,796# 20/40 sand in 479 bbls fluid
(CP2) 5659'-5667'	.49"	4/32	5659'-5667'	Frac w/ 20,829# 20/40 sand in 325 bbls fluid
(CP1) 5584'-5602'	.49"	4/72	5584'-5602'	Frac w/ 85,088# 20/40 sand in 675 bbls fluid
(LODC & A3) 5287'-98', 5250'-58'	.49"	4/76	5250'-5298'	Frac w/ 75,335# 20/40 sand in 610 bbls fluid
(C) 4906'-18'	.49"	4/48	4906'-4918'	Frac w/ 64,874# 20/40 sand in 549 bbls fluid
(D2) 4774'-4784'	.49"	4/40	4774'-4784'	Frac w/ 49,017# 20/40 sand in 442 bbls fluid

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

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)					
04/19/08	2-1/2" x 1-3/4" x 16' x 20' RHAC SM Plunger Pump	PRODUCING					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD.N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
04/21/08			----->	295	72	20	244
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

JUN 02 2008

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

DIV. OF OIL, GAS & MINING

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

SIGNED _____

TITLE Production Tech

DATE 5/23/2008

Jentri Park

JP

*(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.	TOP	
				MEAS. DEPTH	TRUE VERT. DEPTH
			<p style="text-align: center;">Well Name Castle Draw State Q-2-9-17</p>	Garden Gulch Mkr	3716'
				Garden Gulch 1	3901'
				Garden Gulch 2	4019'
				Point 3 Mkr	4286'
				X Mkr	4521'
				Y-Mkr	4556'
				Douglas Creek Mkr	4691'
				BiCarbonate Mkr	4949'
				B Limestone Mkr	5090'
				Castle Peak	5538'
			Basal Carbonate	5961'	
			Wasatch	6082'	
			Total Depth (LOGGERS)	6100'	

NEWFIELD



Well Name: Castle Draw CTB

LOCATION: S, TS, RE

COUNTY/STATE:

API:

Spud Date:

TD:

CSG:

POP:

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
4/18/2008								Q-2-9-17 Flowing to CTB
4/19/2008		560	160		150			
4/20/2008		560	176		100			
4/21/2008		295	20		72			
4/22/2008		265	87		65			
4/23/2008		218	163		116			
4/24/2008		0	0		0			shut in CTB torn down replacing tanks.
4/25/2008								shut in CTB torn down replacing tanks.
4/26/2008								shut in CTB torn down replacing tanks.
4/27/2008								shut in CTB torn down replacing tanks.
4/28/2008								shut in CTB torn down replacing tanks.
4/29/2008								shut in CTB torn down replacing tanks.
4/30/2008								shut in CTB torn down replacing tanks.
5/1/2008		332	10		62			
5/2/2008		165	40		32			
5/3/2008		79	16		25			
5/4/2008		207	40		25			
5/5/2008		215	154		38			
5/6/2008		182	95		45			
5/7/2008		149	201		51			
5/8/2008		255	263		20			80 bbls oil from flat tank
5/9/2008		146	217		25			60 bbls oil from Q-2 flat tank.
5/10/2008		146	530		57			
5/11/2008		244	316		55			
5/12/2008		280	539		82			
5/13/2008		285	118		55			
5/14/2008		266	80		92			
5/15/2008		262	151		92			
5/16/2008		283	245		42			
5/17/2008		167	143		44			
5/18/2008		256	220		26			
5/19/2008		253	190		92			
5/20/2008								
5/21/2008								
5/22/2008								
5/23/2008								
5/24/2008								
5/25/2008								
5/26/2008								
5/27/2008								
5/28/2008								
5/29/2008								
5/30/2008								
5/31/2008								
6/1/2008								
6/2/2008								
6/3/2008								
6/4/2008								
6/5/2008								
6/6/2008								
6/7/2008								
6/8/2008								
		6070	4174		1463			



Scientific Drilling

Directional Survey Certification

7327 West Barton Road
Casper, WY 82604
(307)-472-6621 Fax (307) 472-5439

RE: Newfield Exploration Co. Operator
Castle Draw Q-2-9-17 Well Name & No.
Uintah County, UT County & State
42DEF0803221 SDI Job No.

I, Julie Cruse, having personal knowledge of all the facts, hereby certify that the attached directional survey run from a measured depth of 386 feet to a measured depth of 6082 feet is true and correct as determined from all available records.

Handwritten signature of Julie Cruse

Signature

Rockies Region Engineer

Title

Scientific Drilling International

Company

State of: Wyoming }

} ss

County of: Natrona }

On this 11th day of April, 2008, before me personally appeared Julie Cruse to me known as the person described in and who executed the foregoing instrument and acknowledged that (s)he executed the same as his/her free act and deed.

Seal

Handwritten signature of Darci Neal

Notary Public

Handwritten date: Aug 12, 2009

My Commission Expires

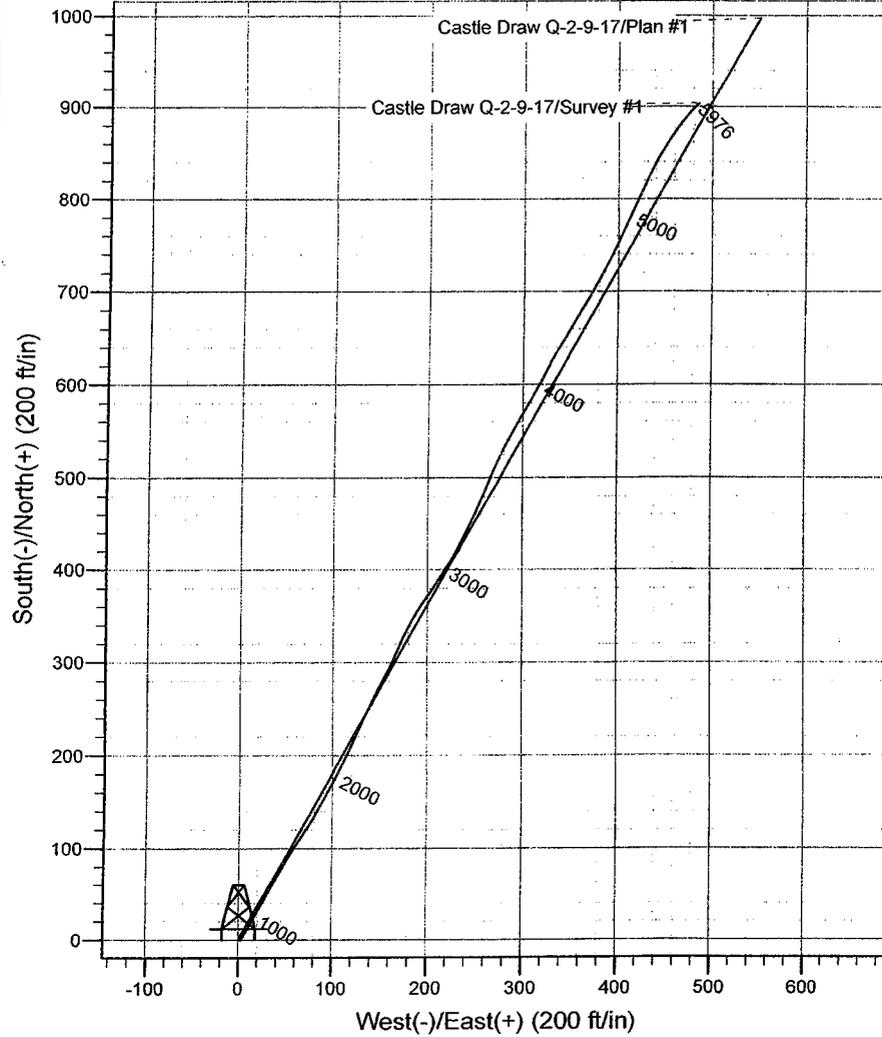
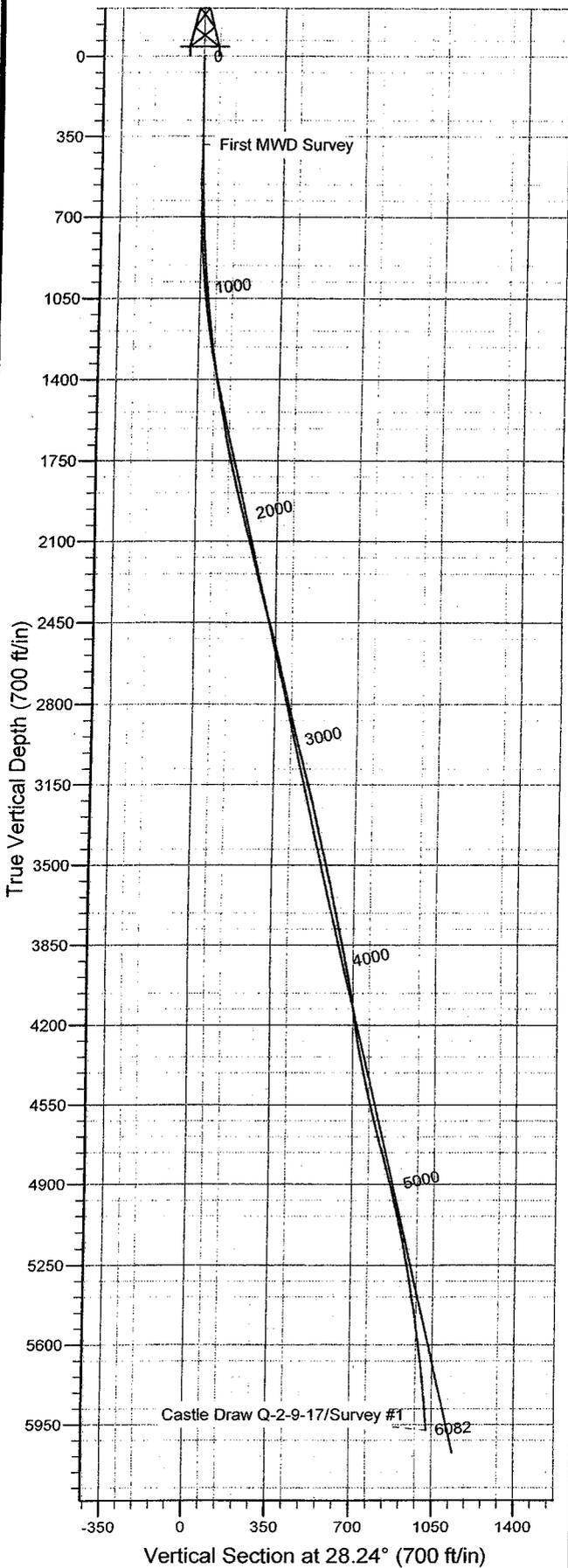




Scientific Drilling
Rocky Mountain Operations

Project: Uintah County, UT NAD83 UTC
Site: Castle Draw Q-2-9-17
Well: Castle Draw Q-2-9-17
Wellbore: OH
Design: OH

Newfield Exploration Co.



WELL DETAILS: Castle Draw Q-2-9-17

Ground Level: GL 5057' & RKB 12' @ 5069.00ft (NDSI 2)			
+N/-S	+E/-W	Northing	Easting
0.00	0.00	7192066.80	2065720.12
		Latitude	Longitude
		40° 3' 14.860 N	109° 58' 49.950 W

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Castle Draw Q-2-9-17, True North
Vertical (TVD) Reference: GL 5057' & RKB 12' @ 5069.00ft (NDSI 2)
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: GL 5057' & RKB 12' @ 5069.00ft (NDSI 2)
Calculation Method: Minimum Curvature
Local North: True
Location: Sec 2 T9S R17E

PROJECT DETAILS: Uintah County, UT NAD83 UTC

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone

Survey: Survey #1 (Castle Draw Q-2-9-17/OH)

Created By: Julie Cruse Date: 2007-04-10

Newfield Exploration Co.

Uintah County, UT NAD83 UTC

Castle Draw Q-2-9-17

Castle Draw Q-2-9-17

OH

Survey: Survey #1

Standard Survey Report

10 April, 2008

Scientific Drilling

Survey Report

Company: Newfield Exploration Co.
Project: Uintah County, UT NAD83 UTC
Site: Castle Draw Q-2-9-17
Well: Castle Draw Q-2-9-17
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Castle Draw Q-2-9-17
TVD Reference: GL 5057' & RKB 12' @ 5069.00ft (NDSI 2)
MD Reference: GL 5057' & RKB 12' @ 5069.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Multi-User Db

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

Site	Castle Draw Q-2-9-17, Sec 2 T9S R17E				
Site Position:		Northing:	7,192,066.80 ft	Latitude:	40° 3' 14.860 N
From:	Lat/Long	Easting:	2,065,720.12 ft	Longitude:	109° 58' 49.950 W
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence:	0.97 °

Well	Castle Draw Q-2-9-17, 526' FSL & 769' FWL					
Well Position	+N/-S	0.00 ft	Northing:	7,192,066.80 ft	Latitude:	40° 3' 14.860 N
	+E/-W	0.00 ft	Easting:	2,065,720.12 ft	Longitude:	109° 58' 49.950 W
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,057.00 ft	

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	IGRF2005-10	2008-03-18	(°)	(°)	(nT)
			11.68	65.91	52,635

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction	
	(ft)	(ft)	(ft)	(°)	
	0.00	0.00	0.00	28.24	

Survey Program	Date	2008-04-10			
From	To	Survey (Wellbore)	Tool Name	Description	
(ft)	(ft)				
386.00	6,082.00	Survey #1 (OH)	MWD	MWD - Standard	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
386.00	0.64	91.27	385.99	-0.05	2.16	0.98	0.17	0.17	0.00
417.00	0.53	99.22	416.99	-0.07	2.47	1.10	0.44	-0.35	25.65
447.00	0.55	26.22	446.99	0.03	2.67	1.29	2.14	0.07	-243.33
478.00	1.10	39.02	477.99	0.40	2.92	1.73	1.86	1.77	41.29
509.00	1.40	25.45	508.98	0.97	3.27	2.40	1.35	0.97	-43.77
540.00	1.84	26.15	539.97	1.76	3.66	3.28	1.42	1.42	2.26
570.00	2.05	36.64	569.95	2.62	4.19	4.29	1.37	0.70	34.97
601.00	2.22	32.86	600.93	3.57	4.84	5.44	0.71	0.55	-12.19
632.00	2.21	26.35	631.90	4.61	5.44	6.63	0.81	-0.03	-21.00
662.00	2.43	30.03	661.88	5.68	6.01	7.85	0.89	0.73	12.27
693.00	2.83	31.00	692.85	6.90	6.73	9.27	1.30	1.29	3.13
724.00	3.10	27.25	723.81	8.31	7.51	10.87	1.07	0.87	-12.10

Scientific Drilling

Survey Report

Company: Newfield Exploration Co.
Project: Uintah County, UT NAD83 UTC
Site: Castle Draw Q-2-9-17
Well: Castle Draw Q-2-9-17
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Castle Draw Q-2-9-17
TVD Reference: GL 5057' & RKB 12' @ 5069.00ft (NDSI 2)
MD Reference: GL 5057' & RKB 12' @ 5069.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Multi-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)
754.00	3.23	32.05	753.76	9.74	8.33	12.53	0.98	0.43	16.00
785.00	3.13	32.01	784.71	11.20	9.24	14.24	0.32	-0.32	-0.13
816.00	3.30	26.46	815.66	12.72	10.09	15.98	1.14	0.55	-17.90
847.00	3.67	29.78	846.61	14.38	10.98	17.86	1.36	1.19	10.71
878.00	4.14	29.07	877.53	16.22	12.02	19.97	1.52	1.52	-2.29
910.00	4.49	27.36	909.44	18.34	13.15	22.38	1.17	1.09	-5.34
941.00	4.87	27.58	940.34	20.58	14.32	24.91	1.23	1.23	0.71
971.00	5.11	30.38	970.23	22.86	15.59	27.52	1.14	0.80	9.33
1,002.00	5.84	29.74	1,001.08	25.42	17.07	30.47	2.36	2.35	-2.06
1,034.00	6.62	28.58	1,032.90	28.46	18.76	33.95	2.47	2.44	-3.62
1,065.00	6.90	27.90	1,063.68	31.67	20.48	37.59	0.94	0.90	-2.19
1,096.00	6.89	27.64	1,094.46	34.97	22.22	41.32	0.11	-0.03	-0.84
1,126.00	6.70	29.02	1,124.24	38.09	23.90	44.87	0.84	-0.63	4.60
1,158.00	6.96	26.24	1,156.02	41.46	25.66	48.67	1.31	0.81	-8.69
1,189.00	7.19	27.76	1,186.78	44.86	27.40	52.49	0.96	0.74	4.90
1,221.00	7.42	27.32	1,218.52	48.47	29.28	56.55	0.74	0.72	-1.37
1,250.00	7.53	30.34	1,247.28	51.77	31.10	60.33	1.41	0.38	10.41
1,281.00	8.08	28.53	1,277.99	55.44	33.16	64.53	1.94	1.77	-5.84
1,312.00	8.38	30.03	1,308.67	59.31	35.34	68.97	1.19	0.97	4.84
1,342.00	8.59	27.49	1,338.34	63.19	37.46	73.40	1.43	0.70	-8.47
1,373.00	9.44	28.79	1,368.96	67.47	39.76	78.25	2.82	2.74	4.19
1,404.00	9.88	30.22	1,399.52	72.00	42.32	83.45	1.62	1.42	4.61
1,434.00	9.84	29.01	1,429.08	76.47	44.86	88.59	0.70	-0.13	-4.03
1,464.00	9.89	28.30	1,458.63	80.98	47.32	93.73	0.44	0.17	-2.37
1,496.00	10.10	29.52	1,490.15	85.84	50.01	99.28	0.93	0.66	3.81
1,527.00	10.24	29.62	1,520.66	90.60	52.71	104.75	0.46	0.45	0.32
1,558.00	10.33	31.15	1,551.16	95.37	55.51	110.28	0.93	0.29	4.94
1,589.00	10.30	32.82	1,581.66	100.08	58.45	115.82	0.97	-0.10	5.39
1,621.00	10.65	33.23	1,613.13	104.96	61.62	121.62	1.12	1.09	1.28
1,651.00	10.86	31.48	1,642.60	109.69	64.61	127.20	1.29	0.70	-5.83
1,681.00	11.16	33.21	1,672.05	114.53	67.68	132.92	1.49	1.00	5.77
1,713.00	11.42	32.77	1,703.43	119.78	71.09	139.16	0.86	0.81	-1.37
1,744.00	11.84	32.44	1,733.79	125.04	74.46	145.39	1.37	1.35	-1.06
1,775.00	11.87	29.82	1,764.13	130.49	77.75	151.75	1.74	0.10	-8.45
1,807.00	12.19	29.66	1,795.43	136.29	81.06	158.42	1.01	1.00	-0.50
1,838.00	12.63	28.86	1,825.70	142.10	84.31	165.08	1.52	1.42	-2.58
1,870.00	12.90	29.42	1,856.91	148.27	87.76	172.15	0.93	0.84	1.75
1,902.00	13.07	29.53	1,888.09	154.53	91.30	179.34	0.54	0.53	0.34
1,934.00	13.55	28.07	1,919.23	160.99	94.84	186.70	1.83	1.50	-4.56
2,028.00	14.44	27.33	2,010.44	181.12	105.41	209.43	0.97	0.95	-0.79
2,120.00	15.04	25.33	2,099.42	202.10	115.78	232.83	0.86	0.65	-2.17
2,214.00	14.14	23.27	2,190.38	223.67	125.53	256.44	1.11	-0.96	-2.19
2,306.00	14.19	24.48	2,279.59	244.26	134.65	278.89	0.33	0.05	1.32
2,398.00	14.05	27.27	2,368.81	264.45	144.43	301.31	0.76	-0.15	3.03
2,490.00	15.48	27.83	2,457.77	285.23	155.28	324.75	1.56	1.55	0.61
2,585.00	13.81	22.56	2,549.68	306.91	165.55	348.72	2.25	-1.76	-5.55
2,680.00	13.29	24.79	2,642.04	327.30	174.48	370.90	0.78	-0.55	2.35
2,770.00	12.99	28.06	2,729.68	345.62	183.58	391.34	0.89	-0.33	3.63
2,864.00	13.70	33.57	2,821.15	364.22	194.70	412.99	1.55	0.76	5.86
2,959.00	14.53	34.08	2,913.28	383.46	207.60	436.05	0.88	0.87	0.54
3,050.00	15.22	31.58	3,001.23	403.09	220.25	459.33	1.04	0.76	-2.75
3,145.00	13.68	27.06	3,093.23	423.72	231.90	483.01	2.01	-1.62	-4.76
3,239.00	14.45	24.38	3,184.41	444.30	241.79	505.83	1.07	0.82	-2.85
3,332.00	13.20	24.48	3,274.71	464.53	250.98	528.00	1.34	-1.34	0.11

Scientific Drilling

Survey Report

Company: Newfield Exploration Co.
Project: Uintah County, UT NAD83 UTC
Site: Castle Draw Q-2-9-17
Well: Castle Draw Q-2-9-17
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Castle Draw Q-2-9-17
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MD Reference: GL 5057' & RKB 12' @ 5069.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Multi-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)
3,426.00	12.72	21.23	3,366.32	483.95	259.18	548.98	0.93	-0.51	-3.46
3,519.00	13.13	23.08	3,456.96	503.21	267.03	569.66	0.63	0.44	1.99
3,612.00	12.71	25.30	3,547.61	522.18	275.54	590.40	0.70	-0.45	2.39
3,705.00	11.43	27.24	3,638.55	539.62	284.13	609.83	1.44	-1.38	2.09
3,800.00	11.51	28.63	3,731.65	556.31	292.98	628.72	0.30	0.08	1.46
3,894.00	11.16	30.48	3,823.82	572.38	302.09	647.19	0.54	-0.37	1.97
3,988.00	11.12	28.49	3,916.05	588.19	311.03	665.35	0.41	-0.04	-2.12
4,082.00	9.22	27.32	4,008.57	602.85	318.81	681.94	2.03	-2.02	-1.24
4,177.00	7.17	24.77	4,102.59	614.99	324.79	695.47	2.19	-2.16	-2.68
4,271.00	7.97	26.94	4,195.77	626.13	330.20	707.84	0.90	0.85	2.31
4,364.00	9.40	32.10	4,287.71	638.31	337.15	721.87	1.75	1.54	5.55
4,458.00	11.49	30.05	4,380.14	652.92	345.92	738.88	2.26	2.22	-2.18
4,550.00	11.60	29.08	4,470.28	668.93	355.01	757.29	0.24	0.12	-1.05
4,645.00	12.93	31.35	4,563.11	686.36	365.18	777.45	1.49	1.40	2.39
4,738.00	13.18	28.33	4,653.71	704.58	375.62	798.45	0.78	0.27	-3.25
4,832.00	15.31	27.36	4,744.81	725.04	386.41	821.57	2.28	2.27	-1.03
4,925.00	14.56	26.10	4,834.67	746.44	397.20	845.53	0.88	-0.81	-1.35
5,018.00	13.58	23.48	4,924.88	766.95	406.69	868.10	1.26	-1.05	-2.82
5,111.00	13.36	24.69	5,015.32	786.73	415.53	889.70	0.38	-0.24	1.30
5,201.00	11.84	24.56	5,103.15	804.57	423.71	909.29	1.69	-1.69	-0.14
5,296.00	10.51	23.61	5,196.35	821.38	431.23	927.66	1.41	-1.40	-1.00
5,390.00	9.07	25.41	5,288.98	835.93	437.85	943.60	1.57	-1.53	1.91
5,483.00	9.16	32.04	5,380.81	848.82	444.92	958.31	1.13	0.10	7.13
5,576.00	8.07	30.80	5,472.76	860.71	452.19	972.22	1.19	-1.17	-1.33
5,668.00	7.27	34.78	5,563.93	871.03	458.82	984.45	1.04	-0.87	4.33
5,762.00	7.01	35.19	5,657.21	880.61	465.51	996.06	0.28	-0.28	0.44
5,857.00	5.97	40.99	5,751.60	889.07	472.10	1,006.63	1.29	-1.09	6.11
5,951.00	5.22	40.60	5,845.15	896.01	478.09	1,015.58	0.80	-0.80	-0.41
6,030.00	4.25	44.82	5,923.88	900.82	482.49	1,021.89	1.30	-1.23	5.34
6,082.00	4.25	44.82	5,975.73	903.55	485.20	1,025.58	0.00	0.00	0.00

Targets

Target Name

- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Castle Draw Q-2-9-17	0.00	0.00	5,300.00	844.00	466.00	7,192,918.60	2,066,171.71	40° 3' 23.201 N	109° 58' 43.957 W
- survey misses target center by 28.00ft at 5404.14ft MD (5302.95 TVD, 837.93 N, 438.82 E)									
- Circle (radius 75.00)									

Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
386.00	385.99	-0.05	2.16	First MWD Survey
6,082.00	5,975.73	903.55	485.20	Projection to TD

Checked By: _____ Approved By: _____ Date: _____

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: ML-45555	
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)	
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: CASTLE DRAW ST Q-2-9-17
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013337850000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0526 FSL 0769 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 02 Township: 09.0S Range: 17.0E Meridian: S	COUNTY: DUCHESNE
STATE: UTAH	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/6/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="OAP to Current Formation"/>

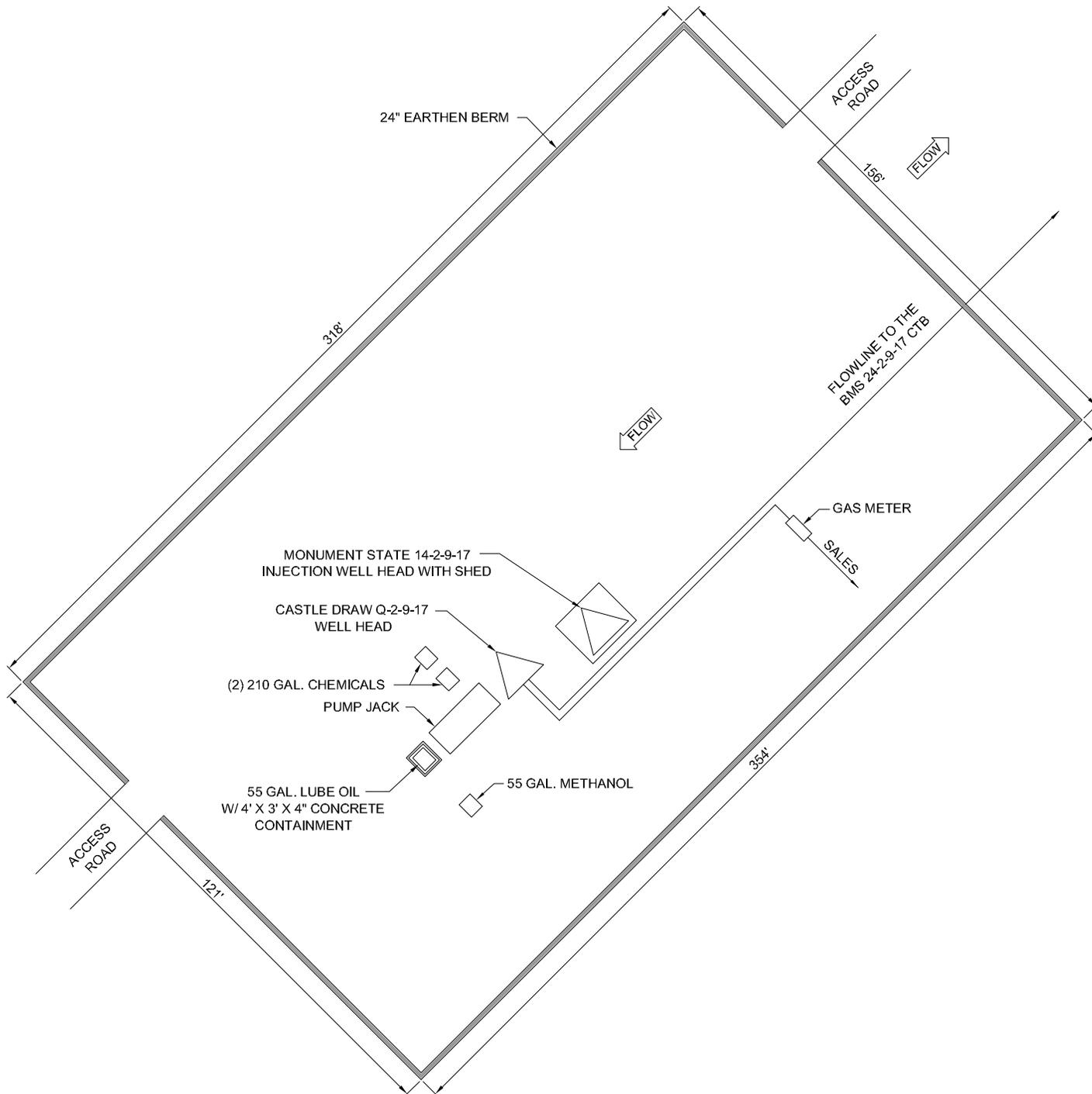
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Newfield proposes to perforate and fracture stimulate the GB-4 (4186-4210') with in the current production formation (Green River).

Approved by the Utah Division of Oil, Gas and Mining
Date: September 18, 2013
By: *D. K. Quist*

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 8/6/2013	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9																																												
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-45555																																												
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)																																												
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: CASTLE DRAW ST Q-2-9-17																																												
3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202		9. API NUMBER: 43013337850000																																												
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0526 FSL 0769 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 02 Township: 09.0S Range: 17.0E Meridian: S		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE																																												
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		COUNTY: DUCHESNE																																												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">TYPE OF SUBMISSION</th> <th colspan="3">TYPE OF ACTION</th> </tr> </thead> <tbody> <tr> <td style="vertical-align: top; padding: 5px;"> <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: </td> <td style="vertical-align: top; padding: 5px;"><input type="checkbox"/> ACIDIZE</td> <td style="vertical-align: top; padding: 5px;"><input type="checkbox"/> ALTER CASING</td> <td style="vertical-align: top; padding: 5px;"><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td style="vertical-align: top; padding: 5px;"> <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/26/2014 </td> <td style="vertical-align: top; padding: 5px;"><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td style="vertical-align: top; padding: 5px;"><input type="checkbox"/> CHANGE TUBING</td> <td style="vertical-align: top; padding: 5px;"><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td style="vertical-align: top; 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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="text-align: center; font-size: 1.2em; font-weight: bold;">SEE ATTACHED REVISED SITE FACILITY DIAGRAM</div> <div style="text-align: right; margin-top: 20px;"> <p style="margin: 0;">Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 28, 2014</p> </div>																																														
NAME (PLEASE PRINT) Jill L Loyle	PHONE NUMBER 303 383-4135	TITLE Regulatory Technician																																												
SIGNATURE N/A	DATE 1/28/2014																																													



Federal Lease #: UTU-87538X
(ML-45555)

	MONUMENT STATE 14-2-9-17 AND CASTLE DRAW Q-2-9-17
	Newfield Exploration Company SWSW Sec 2, T9S, R17E Duchesne County, UT
N.T.S.	
M.G.	
FEB 2013	

RECEIVED: Jan. 28, 2014