

NEWFIELD



Route #3 Box 3630
Myton, Utah 84052
(435) 646-4825, FAX: (435) 646-3031

August 29, 2008

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Mason
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill
Jonah Federal G-11-9-16
Greater Boundary II Federal B-3-9-17
Greater Boundary II Federal I-3-9-17
Beluga Federal H-17-9-17
Canvasback Federal R-22-8-17

Dear Diana:

Enclosed find APD's on the above referenced wells. The Canvasback Federal R-22-8-17 is a Fee Surface Location. Please Contact Dave Allred to set up an On-Site. Our Land Department will send you the required Directional Drill Letters. If you have any questions, feel free to give either Dave Allred or myself a call.

Sincerely,

A handwritten signature in cursive script that reads "Mandie Crozier".

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
SEP 08 2008
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-77233
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Canvasback Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Canvasback Federal R-22-8-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-34074
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SE/SW 669' FSL 2082' FWL At proposed prod. zone <i>NEW</i> 1530' FSL 2340' FWL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 11.8 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 22, T8S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1530' f/lse, 1530' f/unit	16. No. of Acres in lease 560.00	12. County or Parish Duchesne
17. Spacing Unit dedicated to this well 20 Acres	13. State UT	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1139'	19. Proposed Depth 6610'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5180' GL	22. Approximate date work will start* 4th Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 8/28/08
Title Regulatory Specialist		
Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 02-18-09
Title Office	Office ENVIRONMENTAL MANAGER	

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

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

*(Instructions on reverse)

Surv 585768X
44389174
40.098068
-109.993813

BHL
Federal Approval of this
Action is Necessary
585844X
44391804
40.100430
-109.992881

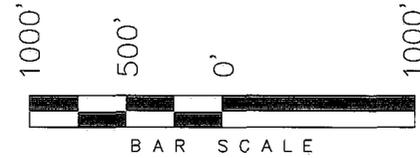
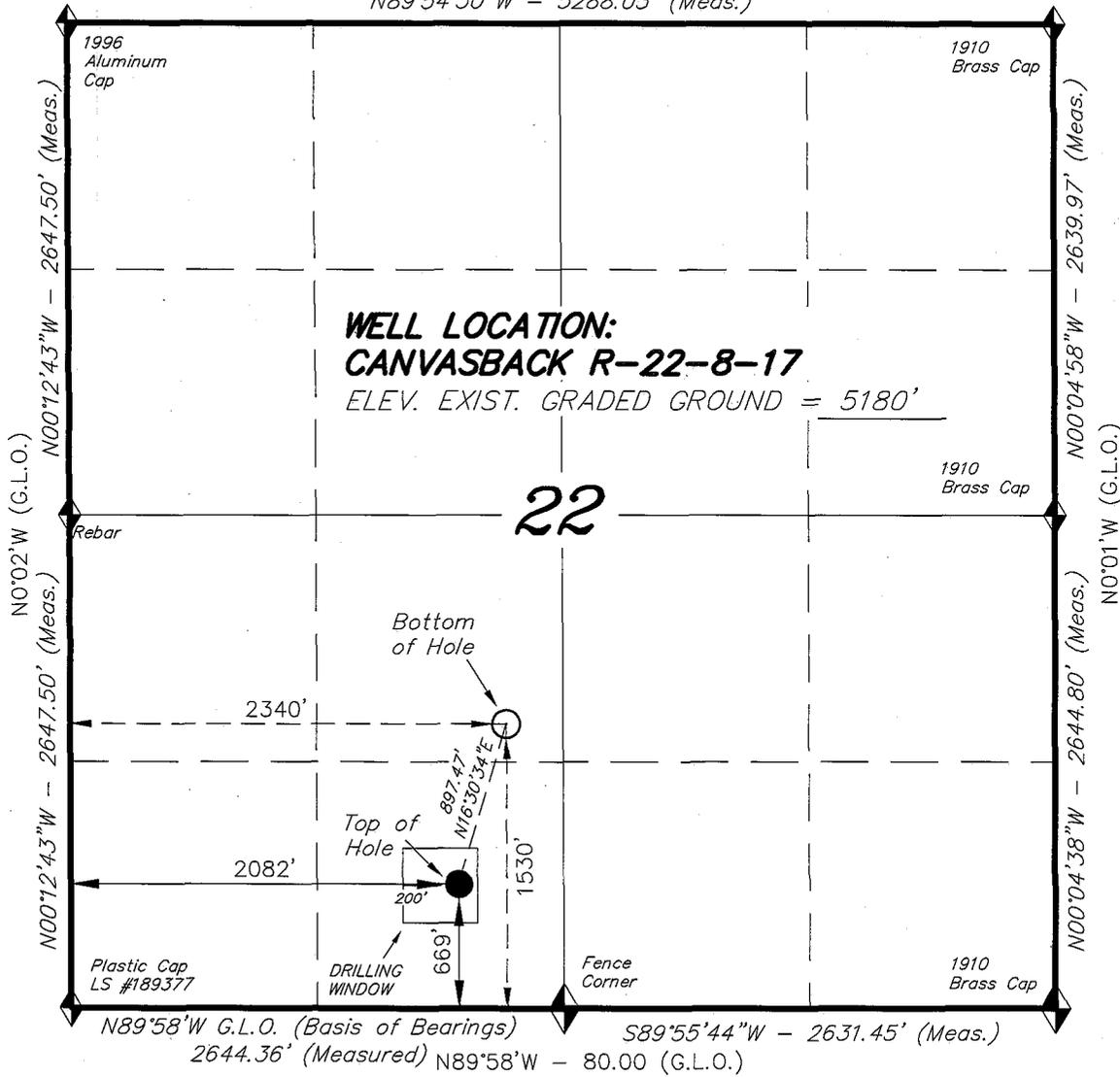
RECEIVED
SEP 08 2008
DIV. OF OIL, GAS & MINING

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

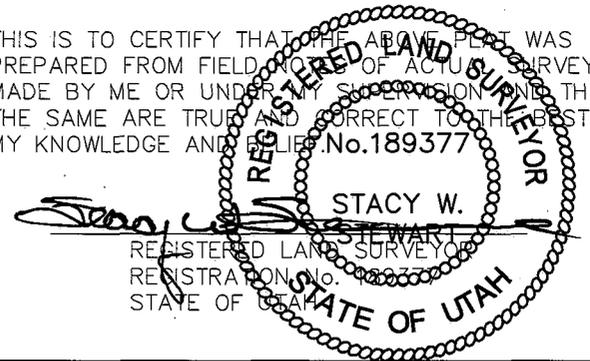
NEWFIELD PRODUCTION COMPANY

N89°31'W - 79.96 (G.L.O.)
 N89°54'30"W - 5288.03' (Meas.)

WELL LOCATION, CANVASBACK
 R-22-8-17, LOCATED AS SHOWN IN THE
 SE 1/4 SW 1/4 OF SECTION 22, T8S,
 R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLOT 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)

CANVASBACK R-22-8-17
 (Surface Location) NAD 83
 LATITUDE = 40° 05' 52.94"
 LONGITUDE = 109° 59' 40.41"

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 06-04-08	SURVEYED BY: C.M.
DATE DRAWN: 06-06-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

**NEWFIELD PRODUCTION COMPANY
CANVASBACK FEDERAL R-22-8-17
AT SURFACE: SE/SW SECTION 22, T8S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 1640'
Green River	1640'
Wasatch	6610'

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

Green River Formation 1640' – 6610' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
CANVASBACK FEDERAL #R-22-8-17
AT SURFACE: SE/SW SECTION 22, T8S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Canvasback Federal R-22-8-17 located in the SE 1/4 SW 1/4 Section 22, T8S, R17E, 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 - 6.8 miles ± to it's junction with an existing dirt road to the east; proceed easterly - 3.0 miles ± to it's junction with an existing road to the south; proceed in a southeasterly direction - 0.6 miles ± to it's junction with the beginning of the access road to the existing Canvasback 14-22-8-17 well lcoation.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Canvasback 14-22-8-17 well pad. See attached **Topographic Map "B"**.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the Canvasback 14-22-8-17 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Canvasback Federal R-22-8-17. All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

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

Johnson Water District
Water Right : 43-7478

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

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

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

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Canvasback Federal R-22-8-17 will be drilled off of the existing Canvasback 14-22-8-17 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** – Brad and JoAnn Nelson Family Trust (See attached Surface Use Agreement).

12. **OTHER ADDITIONAL INFORMATION**

Newfield Production Company requests 1210' of disturbed area be granted in Lease UTU-77233 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP. In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #02-25, 3/4/02. Paleontological Resource Survey prepared by, Wade E. Miller, 3/1/02. See attached report cover pages, **Exhibit "D"**.

Water Disposal

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

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

Reserve Pit Liner

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

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

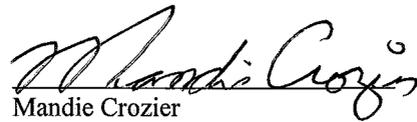
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #R-22-8-17 SE/SW Section 22, Township 8S, Range 17E: Lease UTU-77233 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

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

8/28/08

Date



Mandie Crozier
Regulatory Specialist
Newfield Production Company



Scientific Drilling
Rocky Mountain Operations

Project: Duchesne County, UT NAD83 UTC
Site: Canvasback
Well: Canvasback R-22-8-17
Wellbore: OH
Design: Plan #1

Newfield Exploration Co.

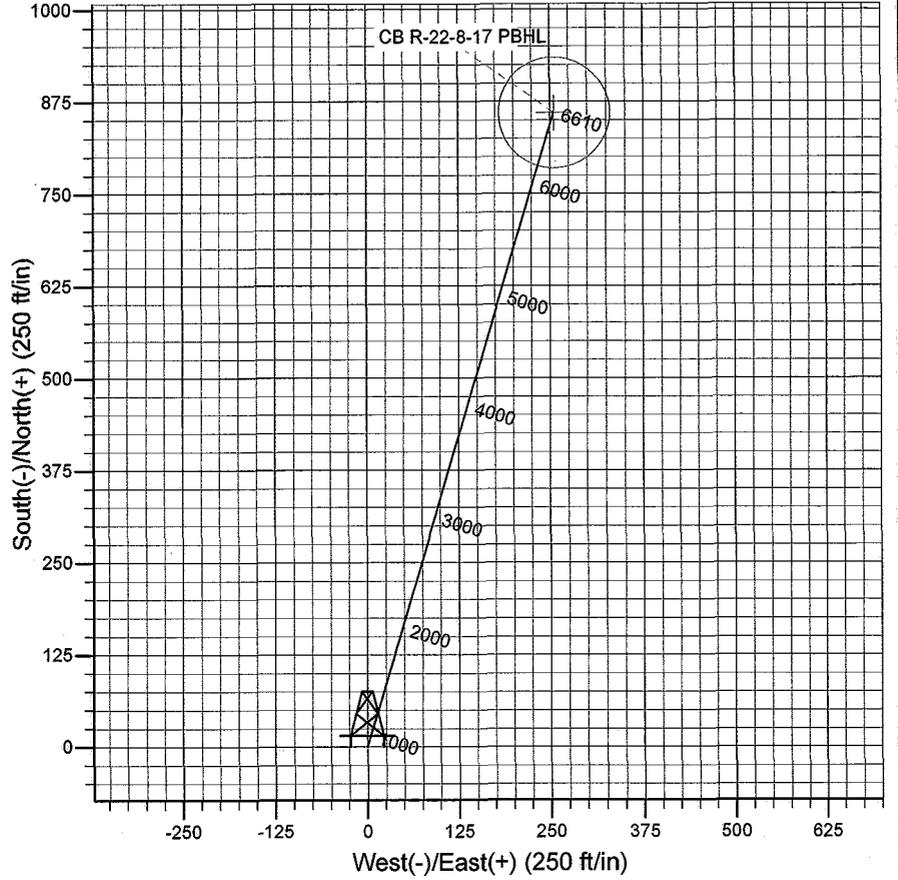
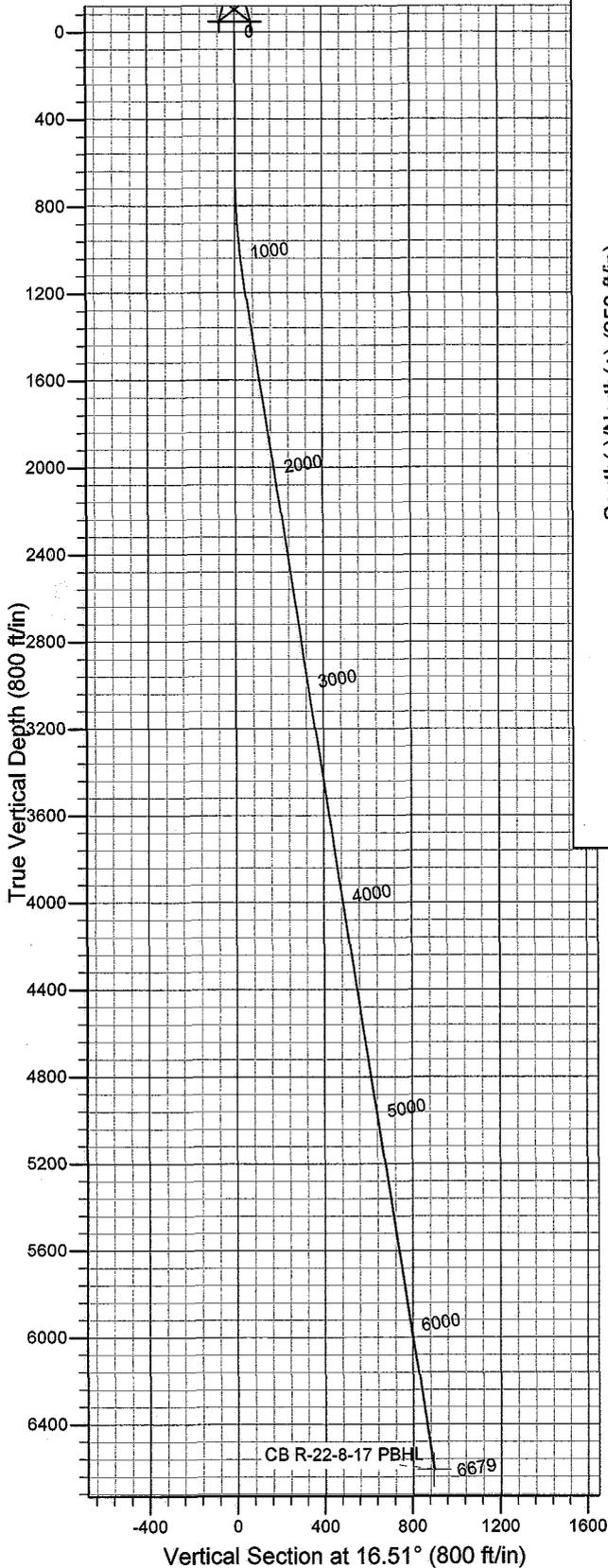


Azimuths to True North
Magnetic North: 11.64°

Magnetic Field
Strength: 52615.6snT
Dip Angle: 65.93°
Date: 2008/08/22
Model: IGRF2005-10

WELL DETAILS: Canvasback R-22-8-17

GL 5180' & RKB 12' @ 5192.00ft 5180.00
+N/-S +E/-W Northing Easting Latitude Longitude
0.00 0.00 7207993.17 2061527.99 40° 5' 52.940 N 109° 59' 40.410 W



Plan: Plan #1 (Canvasback R-22-8-17/OH)

Created By: Julie Cruse Date: 2008-08-22

PROJECT DETAILS: Duchesne County, UT NAD83 UTC

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone
Location:
System Datum: Mean Sea Level
Local North: True

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
1195.31	8.93	16.51	1192.91	44.39	13.16	1.50	16.51	46.30	
6678.87	8.93	16.51	6610.00	860.47	255.05	0.00	0.00	897.47	CB R-22-8-17 PBHL

Newfield Exploration Co.

Duchesne County, UT NAD83 UTC

Canvasback

Canvasback R-22-8-17

OH

Plan: Plan #1

Standard Planning Report

22 August, 2008

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Canvasback
Well: Canvasback R-22-8-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Canvasback R-22-8-17
TVD Reference: GL 5180' & RKB 12' @ 5192.00ft
MD Reference: GL 5180' & RKB 12' @ 5192.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

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

Site	Canvasback				
Site Position:		Northing:	7,212,087.49 ft	Latitude:	40° 6' 32.760 N
From:	Lat/Long	Easting:	2,065,348.89 ft	Longitude:	109° 58' 50.350 W
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence:	0.97 °

Well	Canvasback R-22-8-17, 669' FSL 2082' FWL Sec 22 T8S R17E					
Well Position	+N/-S	0.00 ft	Northing:	7,207,993.17 ft	Latitude:	40° 5' 52.940 N
	+E/-W	0.00 ft	Easting:	2,061,527.99 ft	Longitude:	109° 59' 40.410 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,180.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2008/08/22	11.64	65.93	52,616

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	16.51

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,195.31	8.93	16.51	1,192.91	44.39	13.16	1.50	1.50	0.00	16.51	
6,678.87	8.93	16.51	6,610.00	860.47	255.05	0.00	0.00	0.00	0.00	CB R-22-8-17 PBHL

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Canvasback
Well: Canvasback R-22-8-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Canvasback R-22-8-17
TVD Reference: GL 5180' & RKB 12' @ 5192.00ft
MD Reference: GL 5180' & RKB 12' @ 5192.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.00	8.93	16.51	5,247.84	655.26	194.22	683.44	0.00	0.00	0.00
5,400.00	8.93	16.51	5,346.63	670.14	198.63	698.96	0.00	0.00	0.00
5,500.00	8.93	16.51	5,445.42	685.02	203.04	714.48	0.00	0.00	0.00
5,600.00	8.93	16.51	5,544.21	699.91	207.45	730.00	0.00	0.00	0.00
5,700.00	8.93	16.51	5,642.99	714.79	211.87	745.53	0.00	0.00	0.00
5,800.00	8.93	16.51	5,741.78	729.67	216.28	761.05	0.00	0.00	0.00
5,900.00	8.93	16.51	5,840.57	744.55	220.69	776.57	0.00	0.00	0.00
6,000.00	8.93	16.51	5,939.36	759.44	225.10	792.09	0.00	0.00	0.00
6,100.00	8.93	16.51	6,038.15	774.32	229.51	807.62	0.00	0.00	0.00
6,200.00	8.93	16.51	6,136.93	789.20	233.92	823.14	0.00	0.00	0.00
6,300.00	8.93	16.51	6,235.72	804.08	238.33	838.66	0.00	0.00	0.00
6,400.00	8.93	16.51	6,334.51	818.97	242.74	854.18	0.00	0.00	0.00
6,500.00	8.93	16.51	6,433.30	833.85	247.16	869.71	0.00	0.00	0.00
6,600.00	8.93	16.51	6,532.09	848.73	251.57	885.23	0.00	0.00	0.00
6,678.87	8.93	16.51	6,610.00	860.47	255.05	897.47	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
CB R-22-8-17 PBHL - plan hits target center - Circle (radius 75.00)	0.00	0.00	6,610.00	860.47	255.05	7,208,857.81	2,061,768.52	40° 6' 1.444 N	109° 59' 37.128 W

CULTURAL RESOURCE INVENTORY OF
INLAND RESOURCES' WELL LOCATIONS 13A-22-8-17 AND 14-22-8-17
IN PLEASANT VALLEY, TOWNSHIP 8S, RANGE 17E,
SECTION 22, DUCHESNE AND UINTAH COUNTIES, UTAH

by

Sharyl Kinnear-Ferris
and
Sarah Ball

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Inland Resources
2507 Flintridge Place
Fort Collins, CO 80521

Prepared By:

Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 02-25

March 4, 2002

United States Department of Interior (FLPMA)
Permit No. 01-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-02-MQ-0077b

INTRODUCTION

In February 2002, a cultural resource inventory was conducted by Montgomery Archaeological Consultants (MOAC) of Inland Resources' well locations 13A-22-8-17 and 14-22-8-17 (40-acre parcels) in Pleasant Valley, Duchesne County, Utah. The legal description is Township 8S, Range 17E, Section 22. Inland Resources proposes to develop oil/gas well locations, access roads, and pipelines in the two forty acre parcels. The survey was implemented at the request of Mr. Jon Holst, permitting agent, Inland Resources. The project area occurs on land administered by the Bureau of Land Management (BLM), Vernal Field Office.

The objective of the inventory was to locate, document and evaluate any cultural resources within the project area. This project is carried out in compliance with Federal and State legislation including the Antiquities Act of 1906, the National Historic Preservation Act (NHPA) of 1966, National Environmental and Historic Preservation Act of 1969, the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979 and the American Indian Religious Freedom Act of 1978.

The fieldwork was directed by Sharyl Kinnear-Ferris assisted by Sarah Ball. The inventory was conducted under the auspices of U.S.D.I. (FLPMA) Permit No. 01-UT-60122 and State of Utah Antiquities Project (Survey) No. U-02-MQ-0077b.

A file search for previous projects and documented cultural resources was conducted by the authors at the BLM Vernal Field Office on February 24, 2002. This consultation indicated that a number of archaeological projects have been conducted in the area surrounding the project area. In 1991, Sagebrush Archaeological Consultants inventoried four well locations for Greenwood Holdings, finding a prehistoric isolated find (Polk 1991). Archeological-Environmental Research Corporation (AERC) completed an inventory of 13 well locations for Balcron Oil Division in 1996, locating no cultural resources (Hauck 1996). Also in 1996, Senco-Phenix conducted an inventory of a seismic line for Reliable Exploration/Equitable Resources, finding a prehistoric campsite (42Un2346), and revisiting two previously documented sites (42Un514 and 42Un1881), none of which occur in the current inventory area (Senulis 1996). Sagebrush completed an inventory of two well locations and access roads for Inland Production Company in 1996, finding no cultural resources (Weymouth 1996). In 1997, Sagebrush conducted a block inventory near the current inventory area, for Inland Production Company finding five prehistoric sites (42Dc1134 through 42Dc1139), one historic site (42Dc1140), and 26 isolated finds, none of which occur within the immediate project area (Ellis 1997). MOAC completed an inventory of a 640 acre parcel for Inland Resources, resulting in the documentation of two new prehistoric sites (42Dc1396 and 42Un2823), relocation of four previously recorded sites (42Dc1150, 42Un2084, 42Un2150, and 42Un2346), and recordation of nine isolated finds of artifacts (IF-A through IF-I), none of which occur in the current project area (Kinnear-Ferris 2001).

DESCRIPTION OF PROJECT AREA

The project area lies between the Pleasant Valley and Pariette Bench areas of the Uinta Basin, southwest of Pariette Draw and the town of Myton, Utah. Two forty acre parcels were surveyed for proposed well locations 13A-22-8-17 and 14-22-8-17 in Township 8S, Range 17E, Section 22 (Figure 1).

Topographically, this area consists of highly dissected sandstone and mudstone rock formations and broad sandy silt ridges (Stokes 1986). Recent alluvial deposits, older alluvial terrace deposits, and rock outcrops of the Upper Eocene Uinta Formation constitute the geology of the area. The Uinta Formation is seen as eroded outcrops formed by fluvial deposited stream laid interbedded sandstone and mudstone. This formation is known for its fossil vertebrate turtles, crocodilians, fish, and mammals. The elevation ranges from 5210 to 5150 feet a.s.l. Named water sources in the area include Pariette Draw and Castle Peak Draw. The project area lies within the Upper Sonoran life zone, dominated by a shadscale community intermixed with low sagebrush, mat saltbush, greasewood, rabbitbrush, snakeweed, Mormon tea, prickly pear cactus, pincushion cactus, and grasses. A riparian zone exists along the washes, and includes cottonwood, Russian olive, cattails, and tamarisk. Modern disturbances to the landscape include well locations, access roads, pipelines, agricultural fields, and livestock grazing.

SURVEY METHODOLOGY

An intensive pedestrian survey was performed for this project which is considered 100% coverage. The two forty acre parcels were examined for cultural resources by the archaeologists walking parallel transects spaced no more than 10 m (30 ft) apart. Ground visibility was considered good. Acreage for the project area totals 80 acres, all of which occurs on public land administered by the BLM (Vernal Field Office).

INVENTORY RESULTS

The inventory of Inland Resources' two forty acre parcels resulted in the documentation of four isolated finds of artifacts (IF-A through IF-D).

Isolated Finds of Artifacts

Isolated Find A (IF-A) is located in the NE/SW/SW of Township 8S, Range 17E, Sec. 22; UTM 585403E/4439065N. It is a tan semitranslucent chert tabular-shaped cobble test core with four flakes detached from wide margins (7x5x1.7cm).

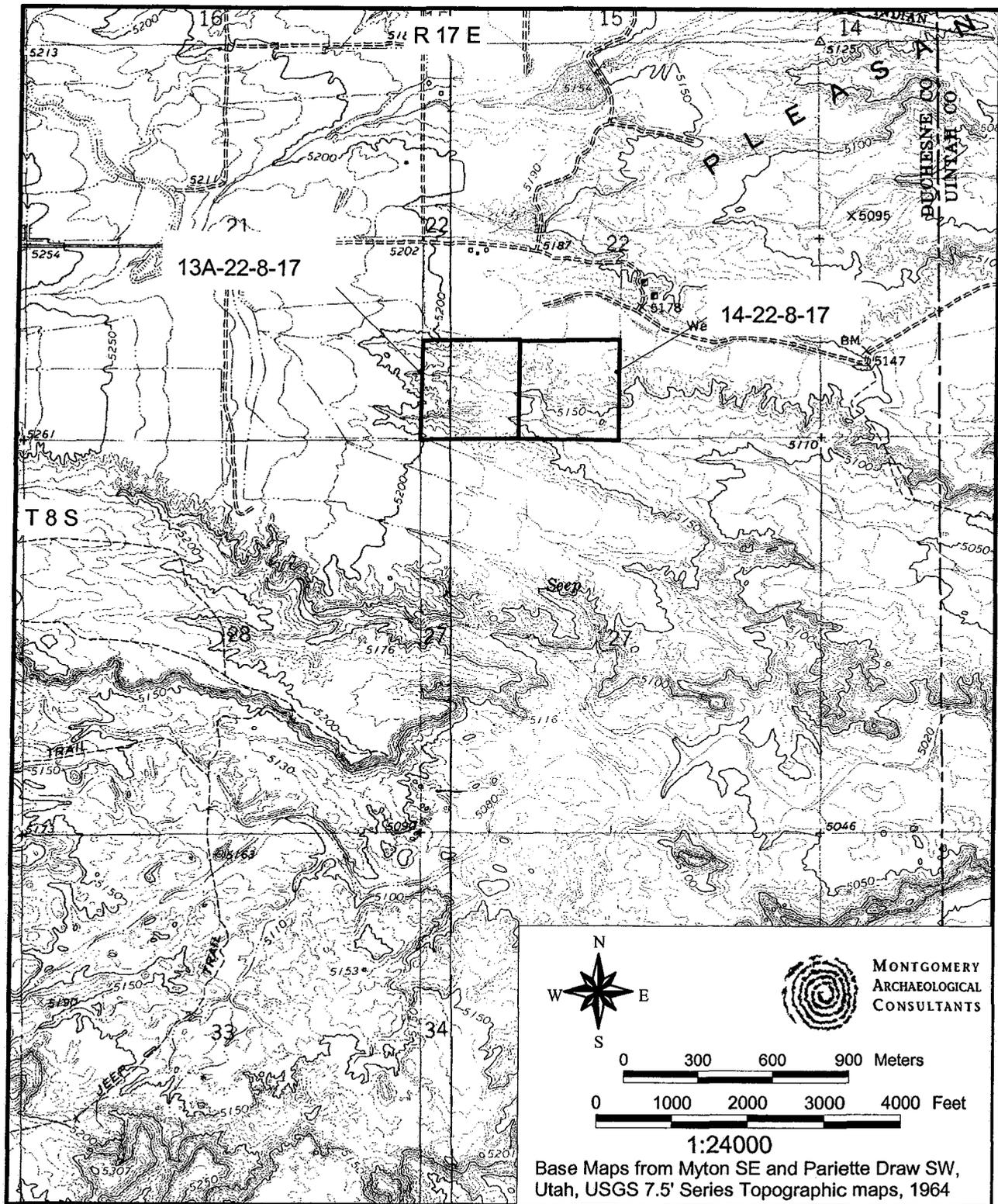


Figure 1: Location of 13A-22-8-27 and 14-22-8-17

Isolated Find B (IF-B) is located in the SE/SE/SW, Township 8S, Range 17E, Sec. 22; UTM 585905E/4438838N. It includes: a tan semitranslucent chert scraper with a unifacially reduced margin with evidence of use-wear (5.5x4.1x2cm); a yellowish-tan quartzite cobble single-handed mano with grinding along the margins (11.6x8x5cm); and a tan sandstone cobble single-handed mano with minimal grinding on one surface (9.2x7.2x5cm).

Isolated Find C (IF-C) is located in the SE/SE/SW, Township 8S, Range 17E, Sec. 22; UTM 585804E/4438826N. It consists of a tan semitranslucent chert cobble test core fragment (spall), with two flakes removed from a narrow margin (10x4.6x2.5cm), and a tan and gray mottled semitranslucent chert tabular-shaped test core with four flakes detached from narrow margins (6.2x5x3.5cm).

Isolated Find D (IF-D) is located in the SE/SW/SW, Township 8S, Range 17E, Sec. 22; UTM 585528E/4438849N. It includes three cores, and four lithic flakes. Cores consist of: a tan semitranslucent chert lenticular-shaped test core with 12+ flakes detached from narrow and wide margins (6x5x2.4cm); a tan and gray mottled semitranslucent chert lenticular-shaped test core with four flakes removed from narrow margins (7.1x4.4x2.1cm); and a tan and gray mottled semitranslucent chert lenticular-shaped unprepared core with eight flakes removed from narrow and wide margins (6.3x4.7x2.5cm). Lithic debitage includes four tan and gray mottled semitranslucent chert primary decortication flakes.

MANAGEMENT RECOMMENDATIONS

The inventory of Inland Resources two forty acre parcels for well locations 13A-22-8-17 and 14-22-8-17 resulted in the documentation of four prehistoric isolated finds of artifacts (IF-A and IF-D). These cultural resources represent ephemeral use of the area and are considered not eligible to the NRHP due to the lack of additional research potential beyond the artifact descriptions in this report. Based on the findings, a determination of "no historic properties affected" pursuant to Section 106, CFR 800 is recommended for this project.

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TS: MANDIBL
From Jim Hunt

INLAND RESOURCES, INC.

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE AND Uintah COUNTIES, UTAH**

(Section 31, T 8 S, R 18 E, Uintah County; SW & SE 1/4,
SW 1/4, Section 22, T 8 S, R 17 E, Duchesne County)

REPORT OF SURVEY

Prepared for:
Inland Resources, Inc.

Prepared by:
Wade E. Miller
Consulting Paleontologist
March 1, 2002

INTRODUCTION

In their continuing development of oil and gas fields in eastern Duchesne and western Uintah Counties on Bureau of Land Management (BLM) and Utah State lands, Inland Resources, Inc. continues to fulfill government requirements by having paleontological field surveys run on all proposed well pads and associated access roads. Mr. Jon Holst (formerly with Inland Resources, Inc.) of Jon D. Holst and Associates, LLC of Fort Collins, Colorado, first contacted Wade Miller on January 10, 2002, about performing a new paleontological survey. This new area consisted of 16 quarter, quarter sections comprising all of Section 31, Township 8 South, Range 18 East. Due to a heavy snow cover, the anticipated field survey could not be done immediately. Every few days Wade Miller contacted Mr. Brad Mecham of Inland Production to learn of field conditions in the area to be paleontologically surveyed. It was not until February 14th that the snow cover was sufficiently reduced for the survey to begin. Even then, there was about a 10% coverage of land by snow. Because of the large area involved, one square mile, and the fact that snow covered potential fossiliferous exposures at two quarter, quarter sections, the remainder of the field survey had to be delayed. On February 13th Mr. Holst had sent another request for paleontological field surveying. This new area was the SW and SE 1/4 of the SW 1/4, Section 22, T 8 S, R 17 E. It was on February 28th that this area along with the remainder of Section 31 above was field surveyed.

Earlier reports on the paleontological field surveys conducted by Wade Miller have provided information on the procedures used. These were followed on the survey reported here. Since geologic maps were consulted several times for previous paleontological field surveys, there was not a need to spend further time reviewing them again. The general area has basically just two

geological units, the Eocene age Uinta Formation and Quaternary age unconsolidated sediments. The latter are mainly exposed in the stream channels (small canyons, draws, arroyos, etc.) And as ground cover in some areas. The Uinta Formation is composed of variegated beds consisting of intercalated mudstones/claystones, shales, siltstones and sandstones. Many of the sandstones are the deposits of Eocene age sands in stream channels, and are known as channel sandstones. Fossils occur throughout the Uinta Basin in all of the above rock types. Most important of these are the vertebrated animals.

Two other geologically important formations of Eocene age can be found exposed in the Uinta Basin, one which underlies the Uinta Fm., the Green River Fm. and one which overlies it, the Duchesne River Fm. All contain important fossils. However, the fossil occurrences in all three of these formations is disparate. It is not possible to know exactly where they exist until after careful field checking. Both the Green River and Duchesne River formations are not known to occur in the areas thus far field surveyed for Inland Resources, Inc.

Paleontological Field Survey

Wade Miller was first contacted by Mr. Jon Holst to perform a paleontological field survey for Inland Resources, Inc. on all of Section 31, T 8 S, R 18 E, on January 10, 2002. However, as explained above, the survey could not be started until February 14th. 11 of the 16 quarter, quarter sections in Section 31 were completed on that date. On February 13th, Mr. Holst requested that an additional area also be surveyed. That was the SW and SE quarters of the SW 1/4, Section 22, T 8 S, R 17 E. The first named area is in Uintah County while the last is in Duchesne County. On February 28th Dr. Miller completed the survey of Section 31 above and also the area in the southwestern corner of Section 22 above. Stephen Sandau, geology/paleontology student at

Brigham Young University, assisted Dr. Miller on the second survey. He has assisted in several previous surveys relating to Inland's production lands.

Section 31, T 8 S, R 18 E. has fairly extensive areas of exposed Uinta Formation, and thus took appreciable time to survey. The paleontological field survey, as in those done previously, was performed by walking carefully along exposures, or in many cases climbing up them. A complicating factor in Section 31 was due to a heavy rock cover in many places directly over the Uinta Fm. This rock cover was due to broken sandstones derived from units within the Uinta Fm. as well as by lag deposits of much older rock. The proposed well pad sites for each of the 16 quarter, quarter sections had been staked by Inland Production as were the proposed access roads. These areas were especially well surveyed as potential damage to fossils would be greatest there. In many instances, though, the well pad and access road sites were on flatter areas which were soil and brush covered. Fossils were not found on any of these, even though a small possibility exists for their presence here, at least as fragmented remains. The optimum possibility for finding fossils is in directly exposed Uinta Formation beds, especially in the mudstones/claystones and shales. And as stated above, this condition is present in appreciable areas of Section 31.

In the two quarter, quarter sections surveyed in the southwest quarter of Section 22, T 8 S, R 17 E., the majority of the land surface was grass, brush and tree covered. Although there are a number of mounds and some low hill slopes (eastern and western margins of area) with exposed Uinta Formation, they had been so trampled by cattle as to make a meaningful survey difficult.

NW 1/4 Sec. 31, T 8 S, R 18 E.

Most of the Uinta Formation exposures in this quarter section exist along the western and southern margins, with some along the northern portion. Occasional turtle shell fragments were seen scattered in these areas. They were mostly weathered and widely spaced. Some sandstone

units showed bore holes (presumably made by molluscs in stream beds) ranging from 1 to 3 cm in diameter and up to 20 cm in depth. In some instances these bore holes were so numerous as to give the appearance to the sandstone as that of extensive bioturbation. The proposed well pads and access roads in this quarter section, as shown by staking, would be located on relatively flat areas that are soil and grass/low shrub or desert pavement (loose rock cover caused by deflation) covered. No fossils were found in these areas. The cover was too extensive to allow finding them.

NE 1/4 Sec. 31, T 8 S, R 18 E.

The SW and SE quarters of the NE 1/4 of Section 31 were also largely covered by soil and low vegetative cover or else desert pavement. The exception is some channel sandstone exposed in the SE 1/4, of the NE 1/4. A few scattered borings occur in it. Proposed well pads and access roads in these two quarter, quarter sections do not contact exposed Uinta Formation units. The NE 1/4 of the NE 1/4 is on a flat-topped ridge with a soil/vegetative and desert pavement cover. No fossils were seen in any of this quarter, quarter section. The NW 1/4 of the NE 1/4 section, however, has extensive exposures of the Uinta Formation, and portions of the proposed well pad and access road do impact them. These exposures were well surveyed and found to have several relatively large but broken and dispersed turtle shells. Each was fragmented and moderately scattered. Additionally, two crocodile vertebrae were discovered. These represent a fairly small animal (possibly five feet or so in length). Both the crocodile and turtle fossils came from mudstone/claystone units. Bore holes were also observed in some of the sandstones, giving a modest bioturbated look over small areas. None of the fossils, though, was found at the proposed well pad site, or on the proposed, staked access road - only in close proximity.

SW 1/4 Sec. 31, T 8 S, R 18 E

The NW 1/4, SW 1/4 is essentially all covered with desert pavement, with no fossils having been found in it. In the NE 1/4 of the SW 1/4 some channel sandstones occur as surface outcrops. Some bore structures do exist in these but are relatively scarce. Most of this quarter, quarter section also has extensive desert pavement covering most of the surface. The SW 1/4, SW 1/4 of section 31 is basically all covered in soil with desert vegetation, or is else rock covered. No fossils were in evidence. The SE 1/4 of the SW 1/4 largely covered in loose rock, but with some sandstone unit(s) exposed over part of this quarter, quarter section. Bore holes in sandstones were the only observed fossils. These were extensive enough in places to indicate moderate bioturbation.

SE 1/4 Sec. 31, T 8 S, R 18 E

In the NW 1/4 of the SE 1/4, Section 31, the area is mostly desert pavement covered. Very limited Uinta Fm. mudstones and some sandstones also occur here. No fossils were seen. The NE 1/4, SE 1/4 has essentially the same condition, except that the channel sandstone exposed here (limited) does have a few bore hole structures, similar to ones observed elsewhere in the region. A modest amount of Uinta Fm. mudstones, along with some sandstone units, are exposed in the SW 1/4, SE 1/4. A few small, well scattered turtle shell fragments were observed in these mudstones. Mostly this quarter, quarter section was covered in a layer of large rock pieces and outcrops of sandstone units of the Uinta Fm. The proposed access road in the area does cross about 50 m of mudstones. A heavy rock cover and sandstone outcroppings exist over much of the SE 1/4, SE 1/4, with soil and low brush covering the rest. Minor bore hole structures were seen in the sandstone.

SW 1/4 & SE 1/4, SW 1/4 Sec. 22, T 8 S, R 17 E

As reported above, much of these two quarter, quarter sections had a grass, brush and tree cover. However, some mounds and arroyo slopes exhibited exposures of the Uinta Formation, primarily

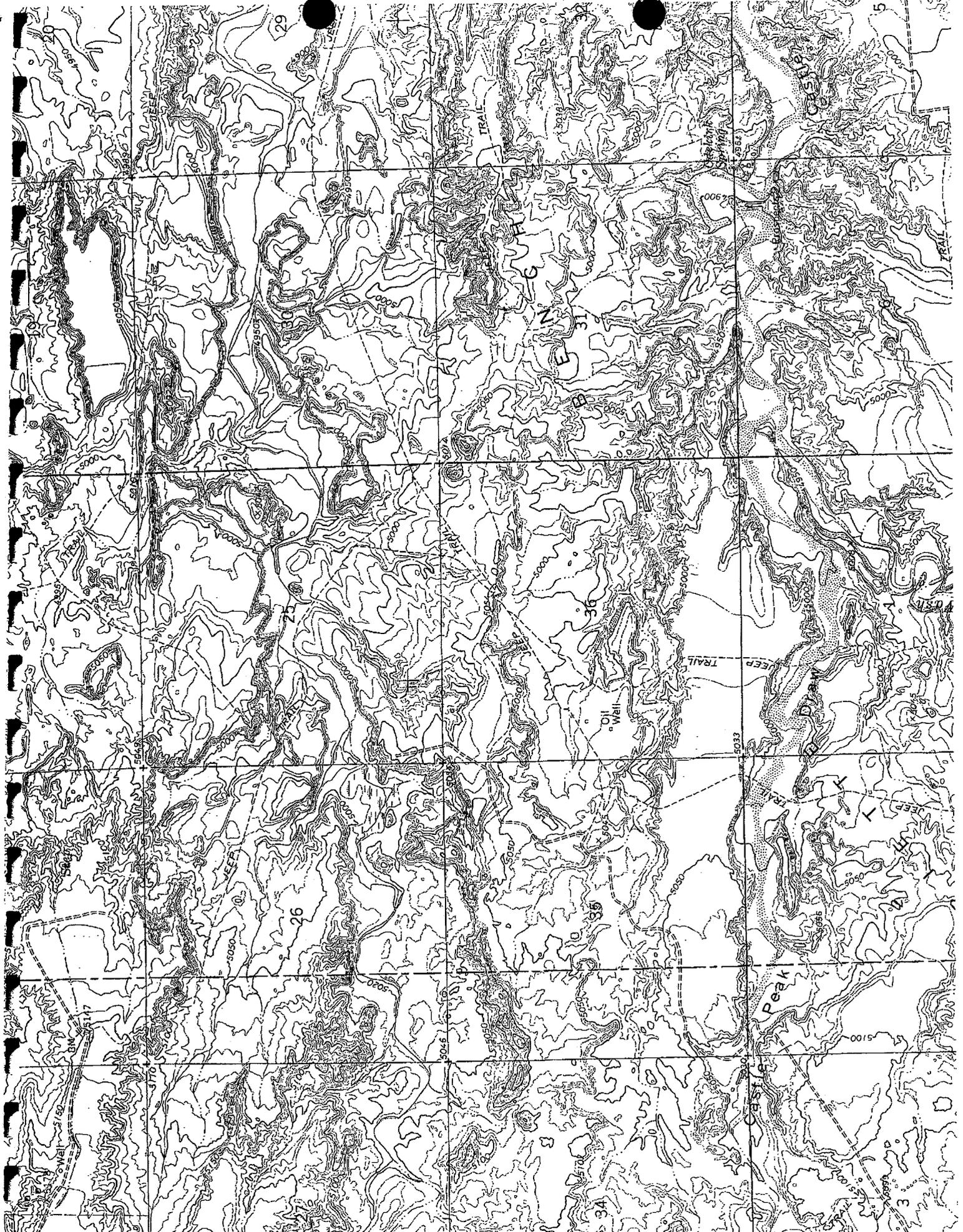
as well weathered mudstones/claystones. Extensive cattle trampling of these units made it difficult to observe fossils. None were seen.

Results of Survey

Considering the extent of exposed Uinta Formation in Section 31, T 8 S, R 18 E, only a minimal number of fossils were found. Where they were observed a careful checking was made, without any excavating, to see if ones only slightly exposed might be detected. It is felt that those reported in this paper represent an extensive effort to uncover any types available. Only the two crocodile vertebrae and the larger pieces of turtle shell that were not widely disseminated found in the NW 1/4 of the NE 1/4 Sec. 31, T 8 S, R 18 E, are considered as significant finds. As stated in previous reports, though, any exposures of the Uinta Formation have the potential of yielding important fossils. The boring structures, presumably mollusc made, are not considered significant although they are interesting. Turtle shell fragments which were seen in several areas as reported are so weathered, highly fragmented and widely dispersed from their points of origin, that they cannot be considered very significant.

Recommended Mitigation

While, as indicated in earlier reports, any excavations impacting the Uinta Formation can uncover important fossils, only one area in Section 31, T 8 S, R 18 E, the NW 1/4 of the NE 1/4, produced ones of significance. These were the crocodile vertebrae and associated pieces of turtle shells of large individuals. Because these pieces were not widely scattered or well weathered gives them more importance. It is here recommended that excavations in this quarter, quarter section be monitored if excavations are planned that would cut into the Uinta Formation. The SW 1/4 & SE 1/4 of Section 22, T 8 S, R 17 E did not contain fossils and would not be paleontologically impacted by operations here. Therefore, of all the area reported above, only one needs monitoring in the event of disturbance. This is the NW 1/4, NE 1/4 Sec. 31, T 8 S, R 18 E.



PALEONTOLOGY ATTACHMENT

Locality No(s) 42 UN 1371 VT

1. Type of Locality: Invertebrate Plant Vertebrate Trace Other

2. Formation/Horizon/Geologic Age: VINTA FORMATION / EOCENE

3. Description of Geology and Topography: INTERCALATED MUDSTONES / SILTSTONES & SANDSTONES EXPOSED ON SLOPES - ARROYOS

4. Location of Outcrop: ON PARIETTE BENCH ABOUT 2 MILES EAST OF DUCHESNE COUNTY - VINTAH COUNTY LINE

5. Map Ref.: USGS Quad: PARIETTE DRAW SW Ed. 1964

Sec. 31 T. 8 S R. 18 E Meridian

6. County VINTAH

7. Ownership: Priv. State BLM USFS NPS Ind. Mil. Other

8. Federal Admin. Unit(s)

9. Specimens Collected and field Accession No. 2 CROCODILE VERTEBRATE WEM 02-1

10. Repository: BIRINGHAM YOUNG UNIVERSITY, EARTH SCIENCE MUSEUM

11. Specimens Observed and Disposition: 2 CROCODILE VERTEBRATE FRAGMENTS OF SEVERAL TORTOISES & BONE STRUCTURES 1-3 cm DIAMETER

12. Recommendations for Further Work or Mitigation: AREA SHOULD BE CAREFULLY INSPECTED AT SITES WHERE EXCAVATIONS WOULD TAKE PLACE

13. Type of Map Made by Recorder: COPY OF SECTION OF PARIETTE DRAW SW QUAD.

14. Published References: NONE

15. Remarks:

16. Sensitivity: Sensitive Non-Sensitive

17. Recorded By: WADE E. MILLER 3/1/02

NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

CANVASBACK R-22-8-17 (Proposed Well)

CANVASBACK 14-22-8-17 (Existing Well)

Pad Location: SESW Section 22, T8S, R17E, S.L.B.&M.

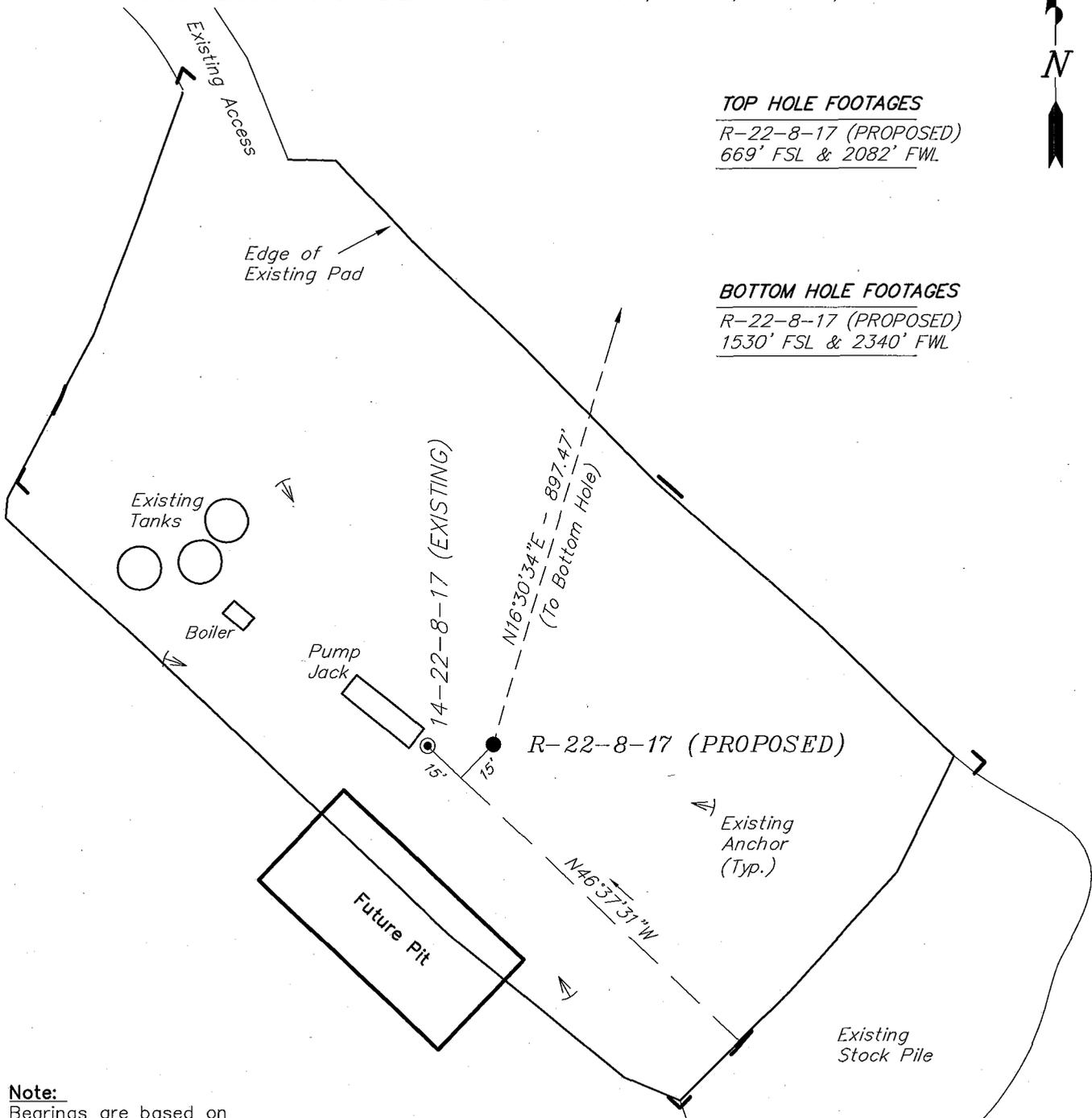


TOP HOLE FOOTAGES

R-22-8-17 (PROPOSED)
669' FSL & 2082' FWL

BOTTOM HOLE FOOTAGES

R-22-8-17 (PROPOSED)
1530' FSL & 2340' FWL



Note:

Bearings are based on GLO Information.

RELATIVE COORDINATES		
From top hole to bottom hole		
WELL	NORTH	EAST
R-22-8-17	860'	255'

LATITUDE & LONGITUDE		
Surface position of Wells (NAD 83)		
WELL	LATITUDE	LONGITUDE
R-22-8-17	40° 05' 52.94"	109° 59' 40.41"
14-22-8-17	40° 05' 52.94"	109° 59' 40.68"

SURVEYED BY: C.M.	DATE SURVEYED: 06-04-08
DRAWN BY: F.T.M.	DATE DRAWN: 06-06-08
SCALE: 1" = 50'	REVISED:

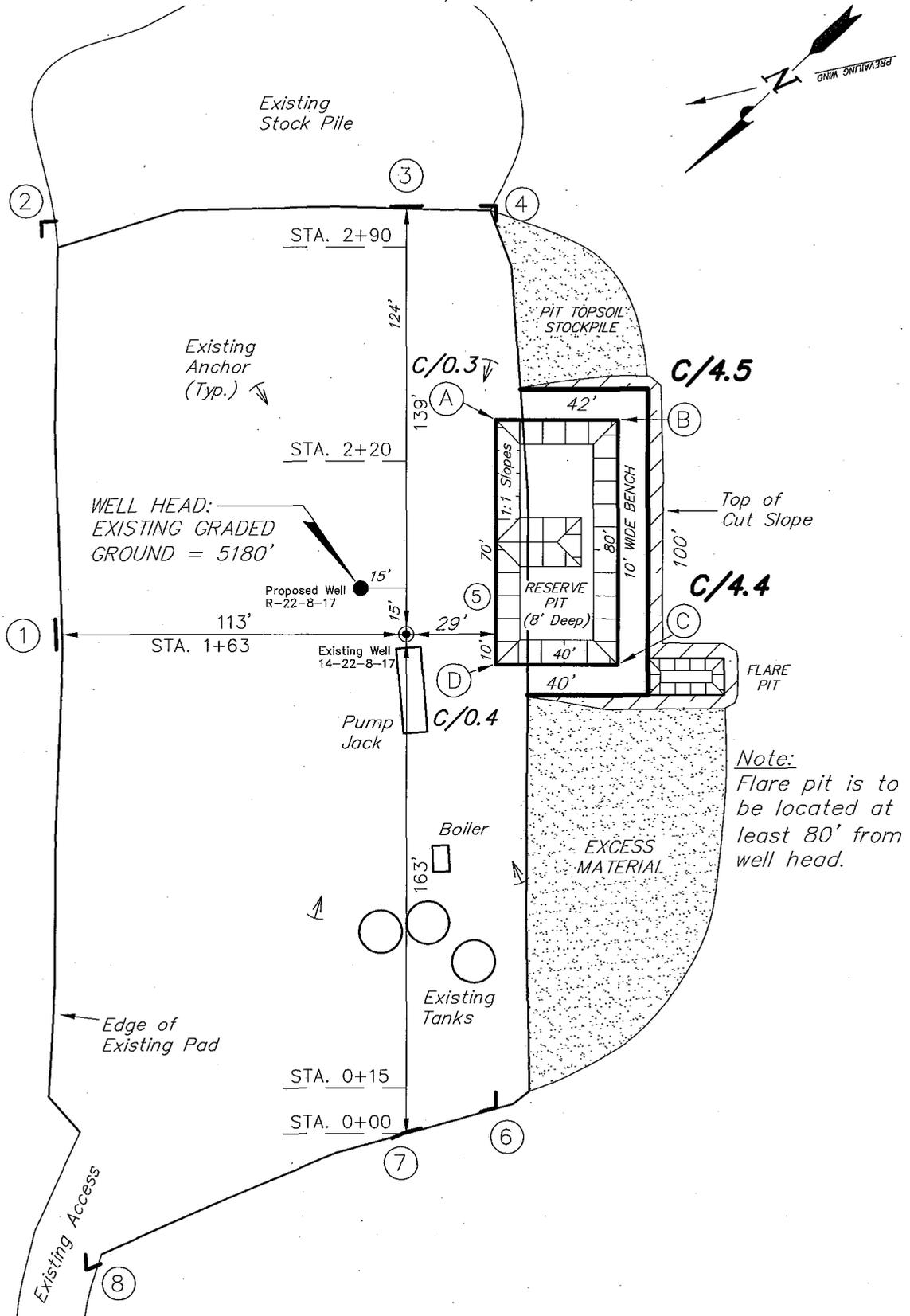
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NEWFIELD PRODUCTION COMPANY

CANVASBACK R-22-8-17 (Proposed Well)

CANVASBACK 14-22-8-17 (Existing Well)

Pad Location: SESW Section 22, T8S, R17E, S.L.B.&M.



SURVEYED BY: C.M.	DATE SURVEYED: 06-04-08
DRAWN BY: F.T.M.	DATE DRAWN: 06-06-08
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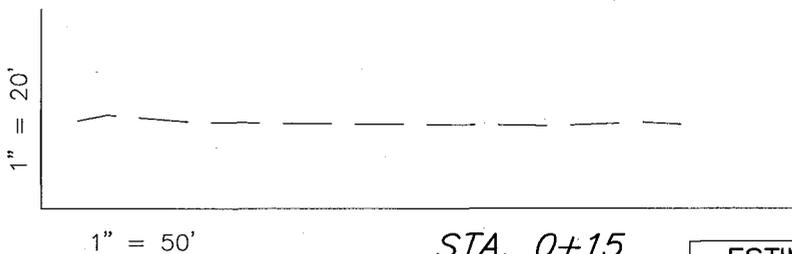
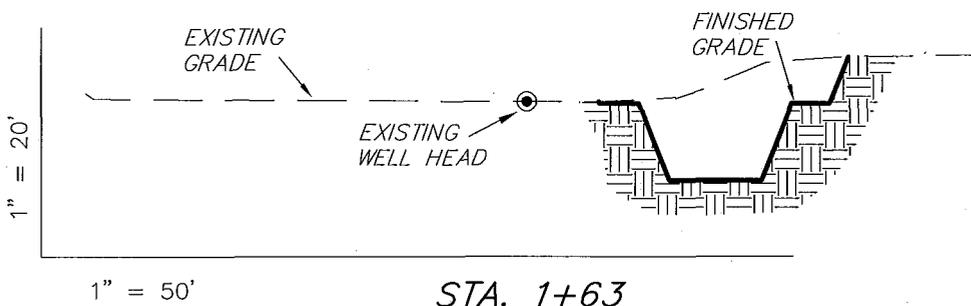
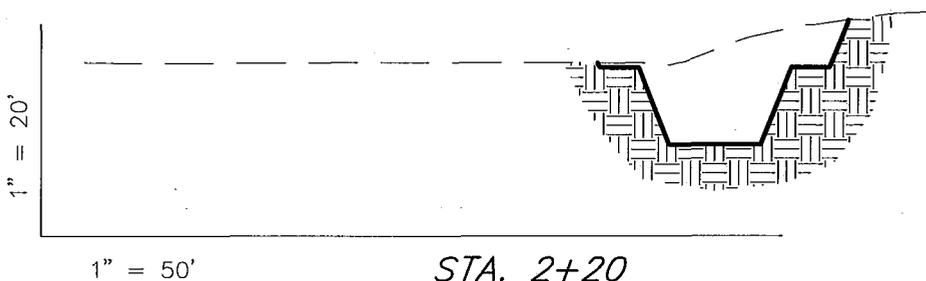
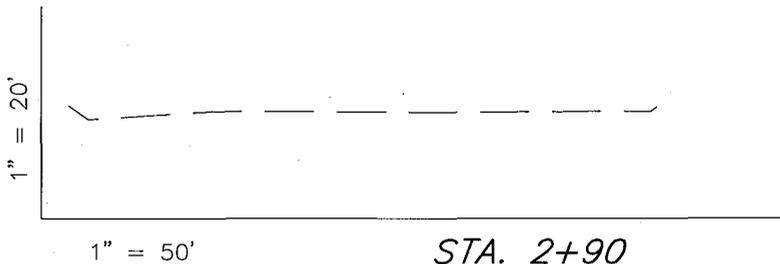
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NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

CANVASBACK R-22-8-17 (Proposed Well)

CANVASBACK 14-22-8-17 (Existing Well)



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

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	620	0	Topsoil is not included in Pad Cut	620
PIT	640	0		640
TOTALS	1,260	0	140	1,260

SURVEYED BY: C.M.

DATE SURVEYED: 06-04-08

DRAWN BY: F.T.M.

DATE DRAWN: 06-06-08

SCALE: 1" = 50'

REVISED:

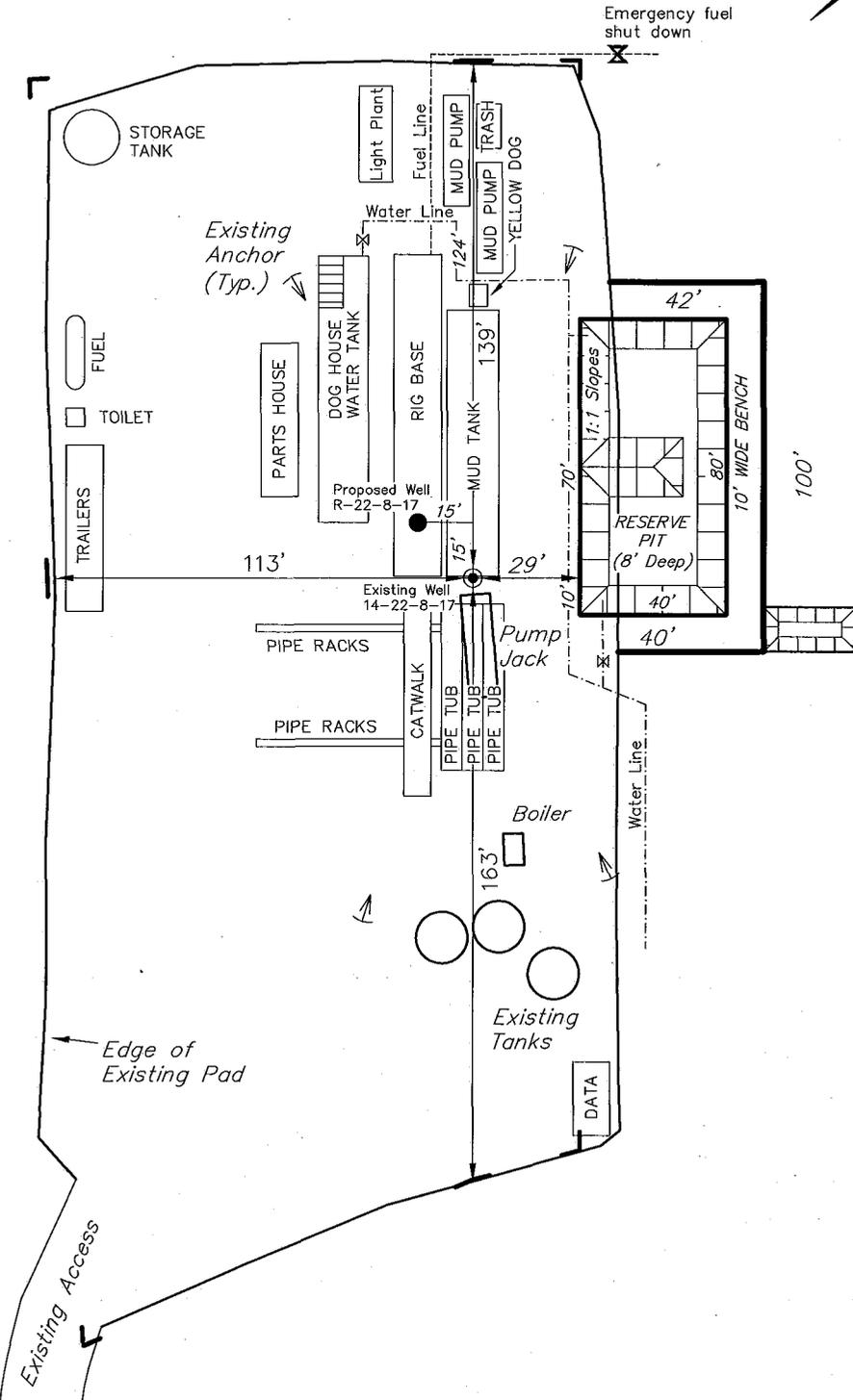
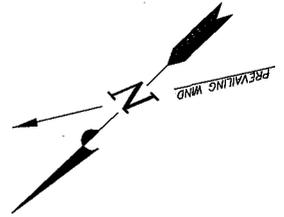
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NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

CANVASBACK R-22-8-17 (Proposed Well)

CANVASBACK 14-22-8-17 (Existing Well)



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

SURVEYED BY: C.M.	DATE SURVEYED: 06-04-08
DRAWN BY: F.T.M.	DATE DRAWN: 06-06-08
SCALE: 1" = 50'	REVISED:

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Newfield Production Company Proposed Site Facility Diagram

Canvasback Federal R-22-8-17

From the 14-22-8-17 Location

SE/SW Sec. 22, T8S, R17E

Duchesne County, Utah

UTU-77233

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

Production Phase:

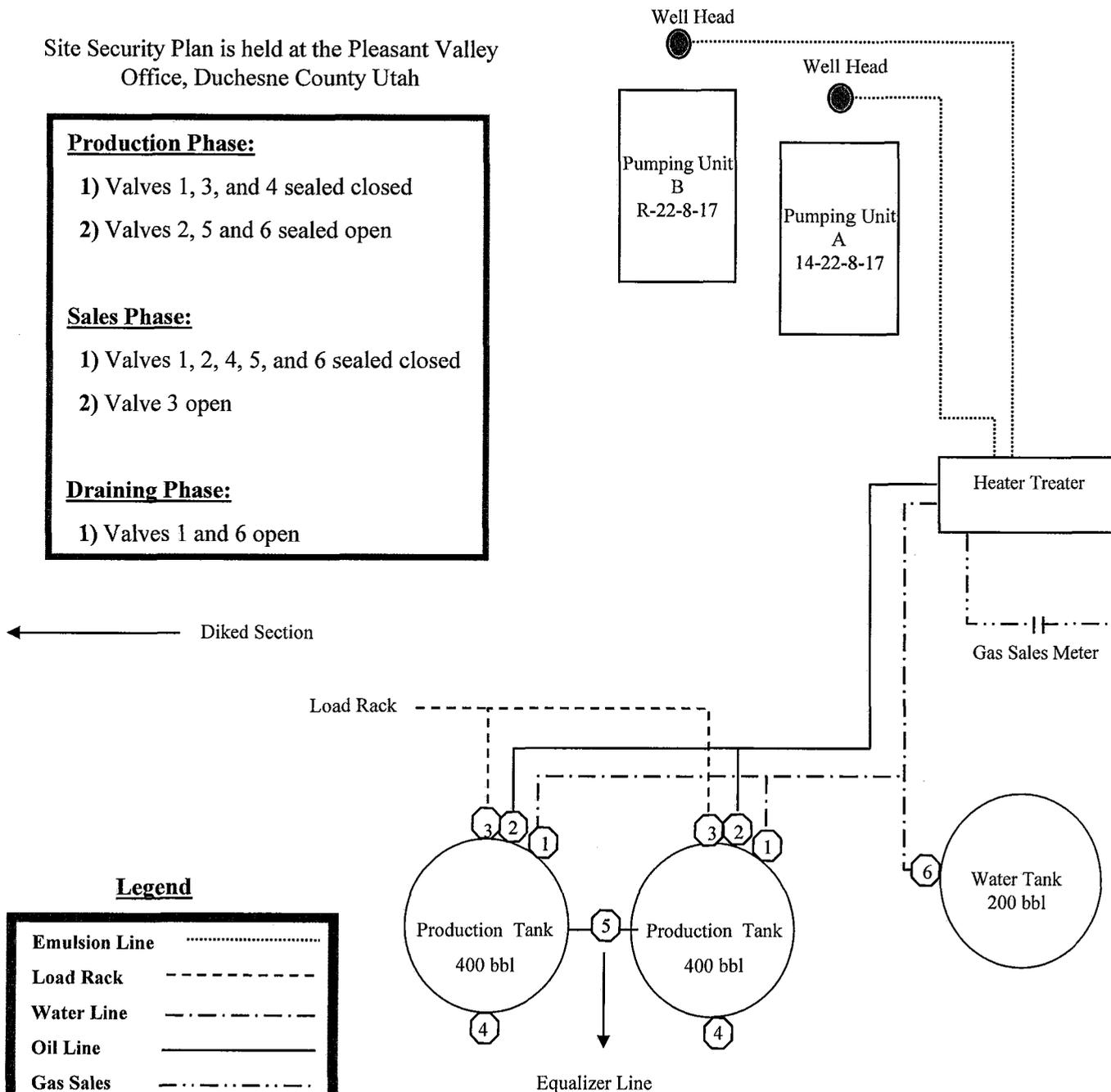
- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5 and 6 sealed open

Sales Phase:

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

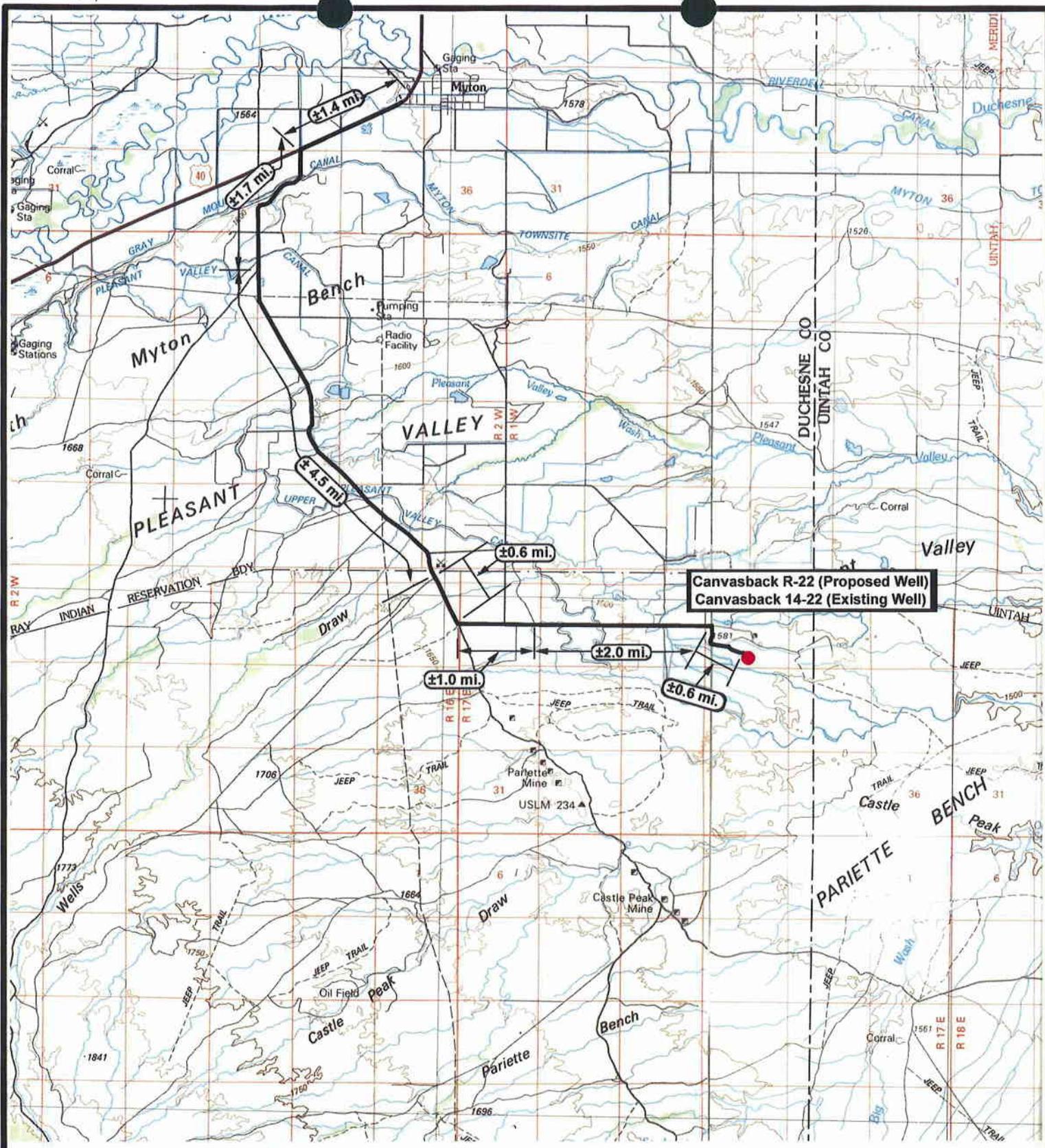
Draining Phase:

- 1) Valves 1 and 6 open



Legend

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



 **NEWFIELD**
Exploration Company

Canvasback R-22-8-17 (Proposed Well)
Canvasback 14-22-8-17 (Existing Well)
Pad Location: SESW SEC. 22, T8S, R17E, S.L.B.&M.



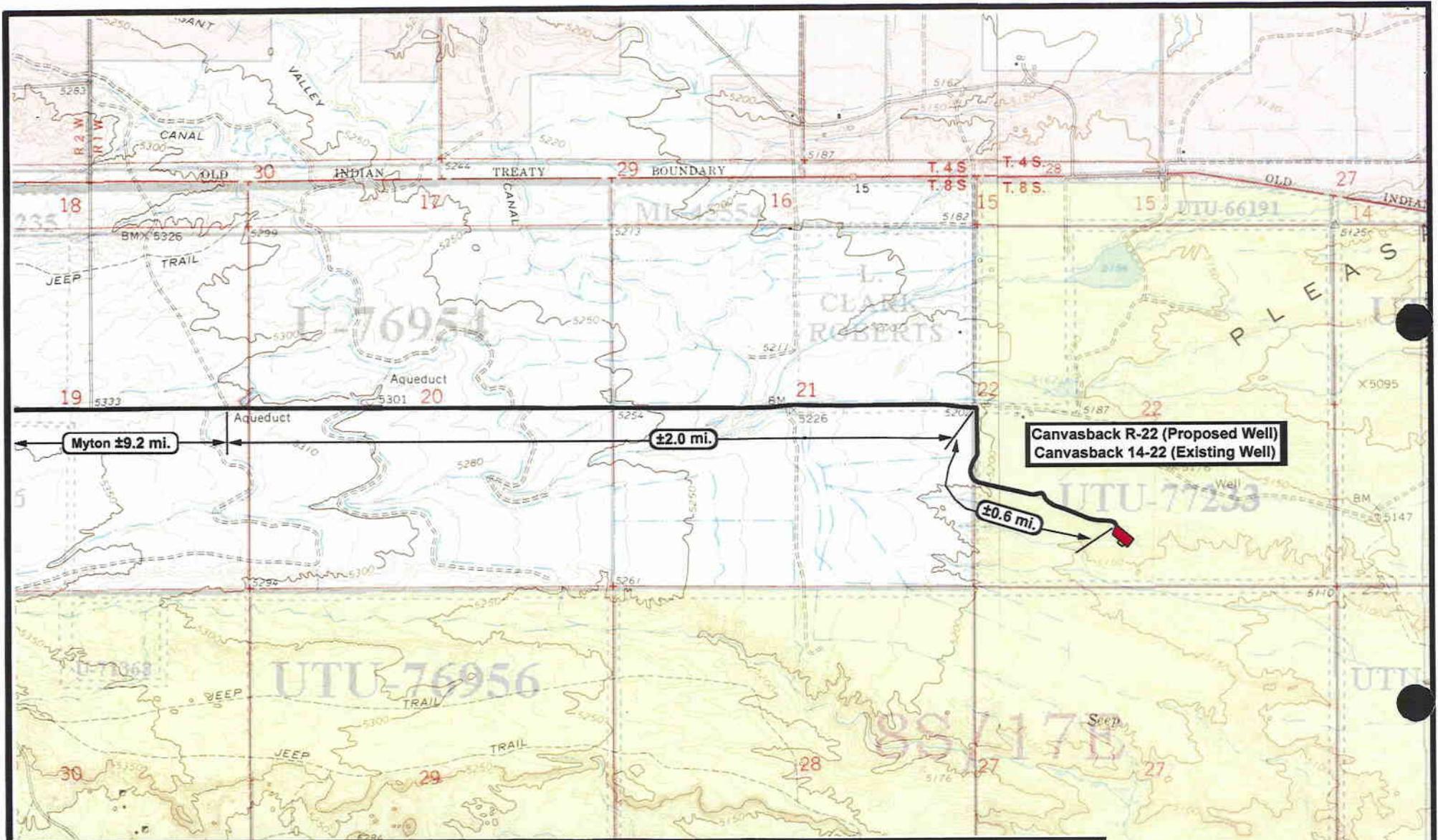

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SCALE: 1" = 100,000
DRAWN BY: JAS
DATE: 07-02-2008

Legend

 Existing Road

TOPOGRAPHIC MAP
"A"



NEWFIELD
Exploration Company

Canvasback R-22-8-17 (Proposed Well)
Canvasback 14-22-8-17 (Existing Well)
 Pad Location: SESW SEC. 22, T8S, R17E, S.L.B.&M.



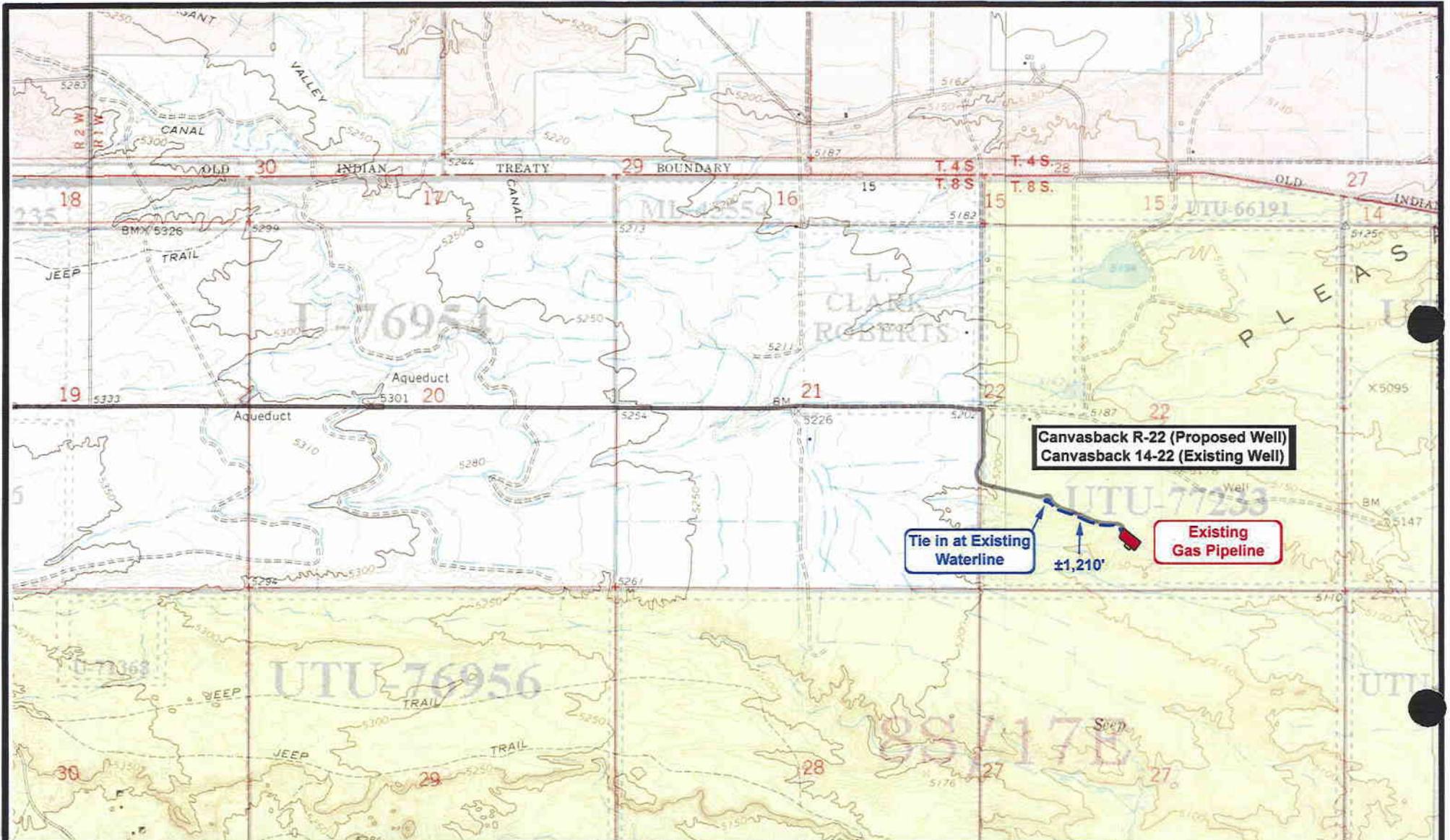
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SCALE: 1" = 2,000'
 DRAWN BY: JAS
 DATE: 07-02-2008

Legend

Existing Road

"B"





NEWFIELD
 Exploration Company

Canvasback R-22-8-17 (Proposed Well)
Canvasback 14-22-8-17 (Existing Well)
 Pad Location: SESE SEC. 22, T8S, R17E, S.L.B.&M.



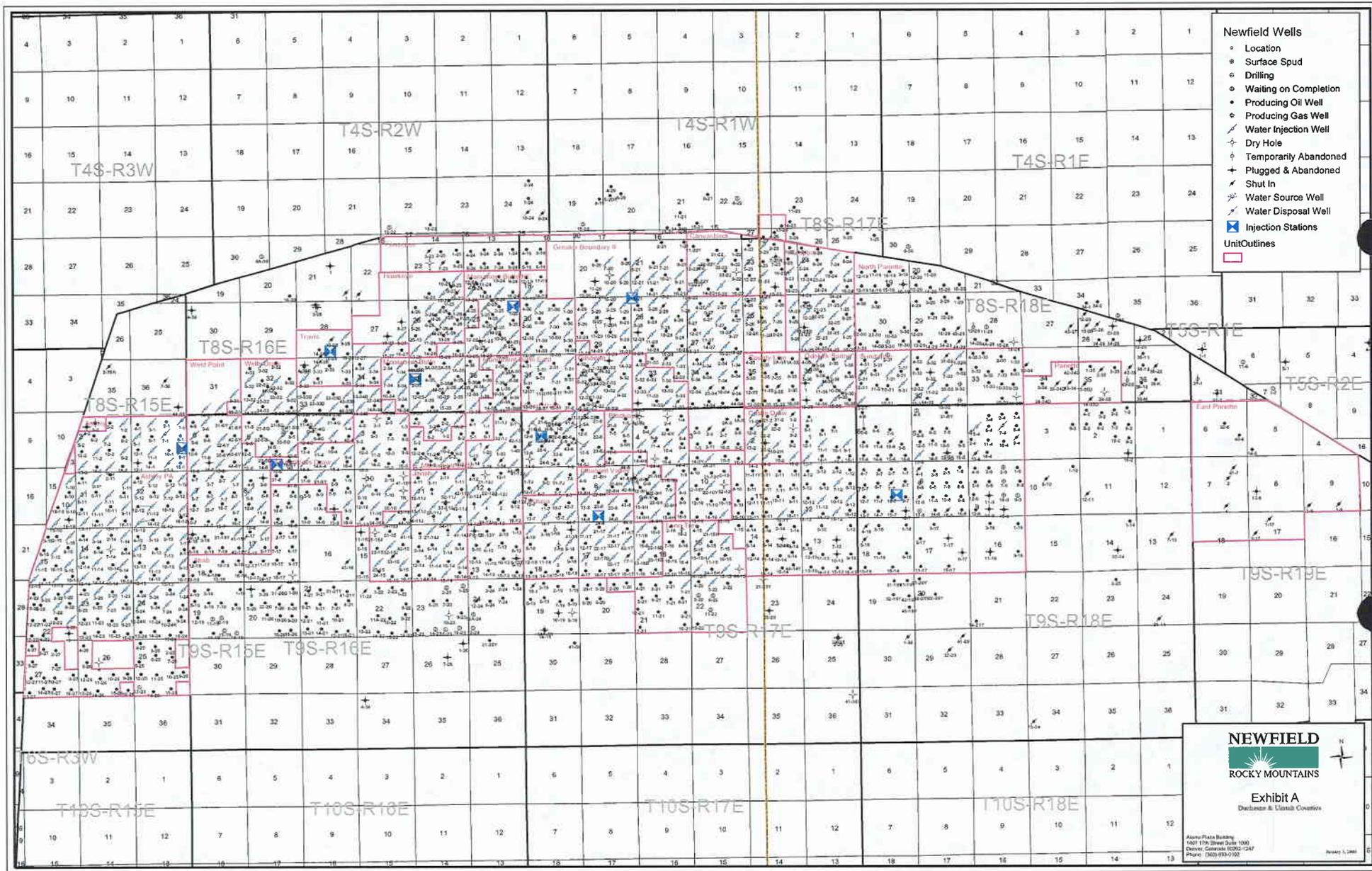

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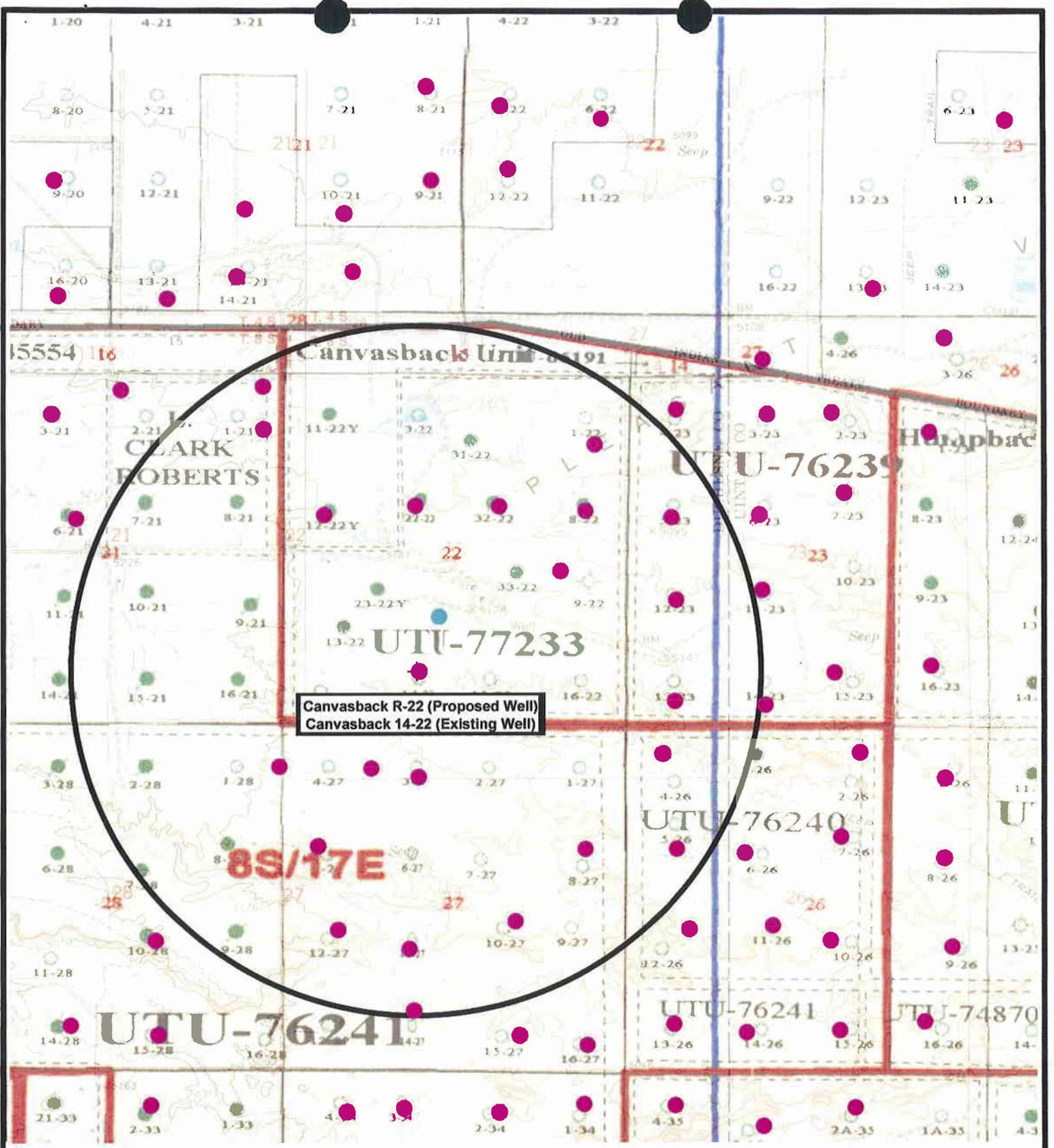
SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 07-02-2008

Legend

 Roads
 Proposed Water Line

"C"





Canvasback R-22 (Proposed Well)
 Canvasback 14-22 (Existing Well)



Canvasback R-22-8-17 (Proposed Well)
Canvasback 14-22-8-17 (Existing Well)
 Pad Location: SESW SEC. 22, T8S, R17E, S.L.B.&M.



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SCALE: 1" = 2,000'
 DRAWN BY: JAS
 DATE: 07-02-2008

Legend

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

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

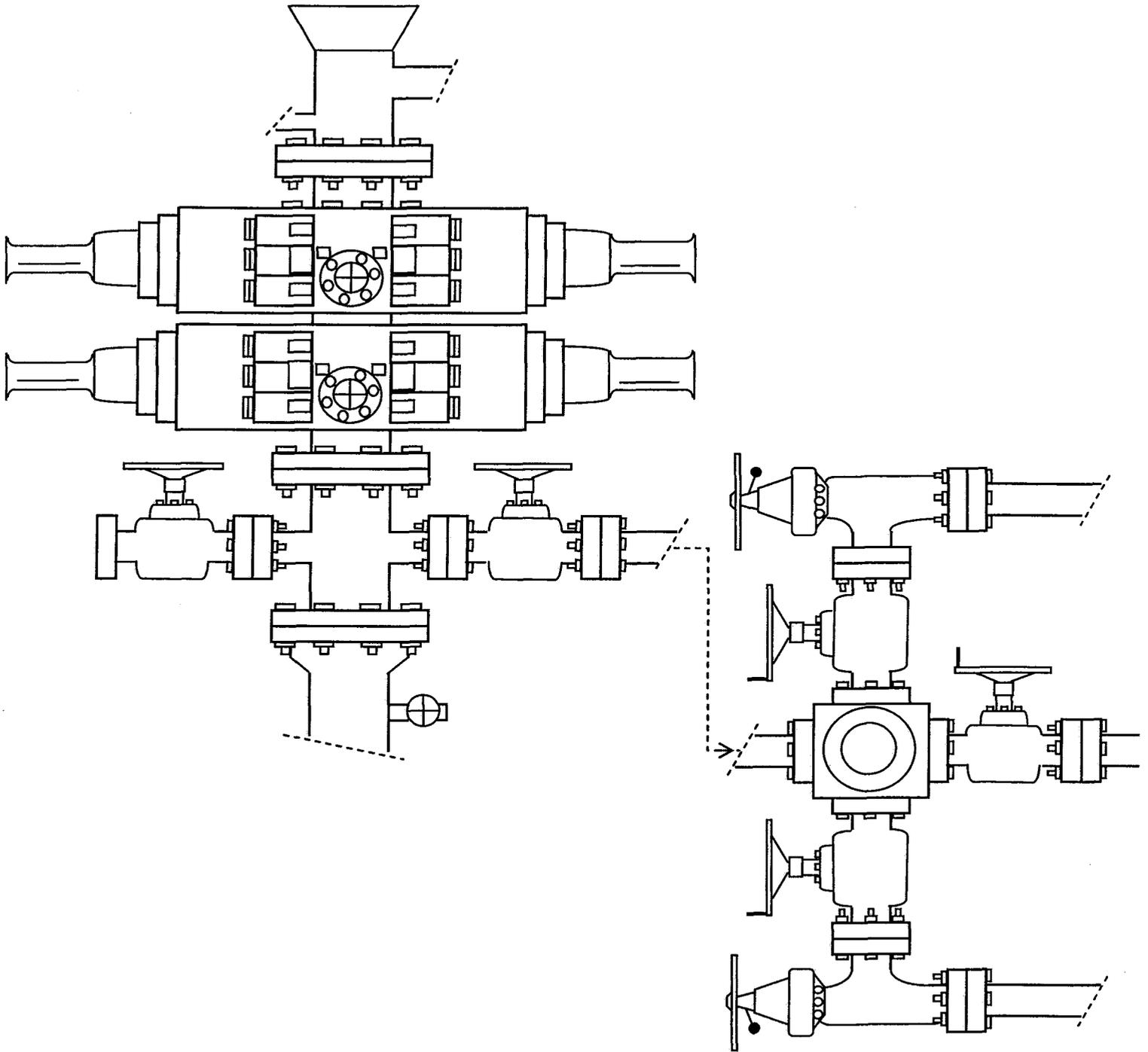


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF
INLAND RESOURCES' WELL LOCATIONS 13A-22-8-17 AND 14-22-8-17
IN PLEASANT VALLEY, TOWNSHIP 8S, RANGE 17E,
SECTION 22, DUCHESNE AND UINTAH COUNTIES, UTAH

Exhibit "D"
1 of 2

by

Sharyl Kinnear-Ferris
and
Sarah Ball

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Inland Resources
2507 Flintridge Place
Fort Collins, CO 80521

Prepared By:

Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 02-25

March 4, 2002

United States Department of Interior (FLPMA)
Permit No. 01-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-02-MQ-0077b



WADE E. MILLER, PH.D.
Paleontological Consultant
2871 Indian Hills Dr. • Provo, Utah 84604
Phone (801) 375-5058 FAX (801) 375-2151

TO: MANDIE
FROM: JAW HOLE

D & D

INLAND RESOURCES, INC.

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE AND Uintah COUNTIES, UTAH**

(Section 31, T 8 S, R 18 E, Uintah County; SW & SE 1/4,
SW 1/4, Section 22, T 8 S, R 17 E, Duchesne County)

REPORT OF SURVEY

Prepared for:
Inland Resources, Inc.

Prepared by:
Wade E. Miller
Consulting Paleontologist
March 1, 2002

Memorandum of Surface Use Agreement

KNOW ALL MEN BY THESE PRESENTS:

That the Brad and JoAnn Nelson Family Trust and the Ethan Lee and Louise Nelson Family Trust, both of P.O. Box 638, Roosevelt, Utah 84052, hereinafter called "Owners," and Inland Production Company, of 410 17th Street, Suite 700, Denver, Colorado 80202, hereinafter called "Inland," have executed a Wellsite Surface and Damage Agreement and an Easement and Right-of-Way, dated December 2, 2002, hereinafter referred to as "Agreement." That Agreement grants Inland certain rights to enter upon and utilize the surface as described below. The terms of which the parties agree as follows:

Inland owns or controls rights and interests in United States Oil and Gas Leas UTU-77233, which covers the following described lands situated in Duchesne County, Utah:

Township 8 South, Range 17 East, SLM
Section 22: SE/4 SW/4 and S/2 SE/4

By virtue of the Agreement referenced above, Owners and Inland have reached an understanding in settlement of disputes on all claims for use of the surface and damage to crops and interruption or interference with agricultural improvements arising from Inland's drilling, completion and production activities and operations for wells, and have also agreed to the measure of settlement for continuing and additional operations by Inland in the area on surface owned or controlled by Owners.

The Agreement shall remain in effect for so long as the drilling, production and development activities continue and all payments and conditions pursuant thereto have been timely paid and honored or terminated by mutual agreement between Owners and Inland. Said Agreement contains terms and provisions other than those herein stated. Executed copies of said Agreement, which sets forth the precise terms thereof, are in the files of the Owners and Inland.

This document is filed to secure all rights, which are accorded through notice as if the Agreement itself had been recorded.

Executed this 12th day of December 2002.

INLAND PRODUCTION COMPANY

Handwritten signature of Jeff Fandrich
Jeff Fandrich, Attorney-in-Fact

CORPORATE ACKNOWLEDGEMENT

STATE OF COLORADO)
)ss.
CITY AND COUNTY OF DENVER)

On this 12th Day of December 2002, before me, the undersigned Notary Public in and for the County and State aforesaid, personally appeared Jeff Fandrich, to me known to be the identical person who signed the name and maker thereof to the within and foregoing instrument as its Attorney-in-Fact and acknowledged to me that he executed the same a his free and voluntary act and deed, and as the free and voluntary act and deed of said corporation, for the uses and purposes therein set forth.

Given under my hand and seal the day and year last above written.

My Commission Expires: 8/29/05

Handwritten signature of Notary Public
Notary Public



**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 09/08/2008

API NO. ASSIGNED: 43-013-34074

WELL NAME: CANVASBACK FED R-22-8-17
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SESW 22 080S 170E
 SURFACE: 0669 FSL 2082 FWL
 BOTTOM: 1530 FSL 2340 FWL
 COUNTY: DUCHESNE
 LATITUDE: 40.09807 LONGITUDE: -109.9938
 UTM SURF EASTINGS: 585768 NORTHINGS: 4438917
 FIELD NAME: MONUMENT BUTTE (105)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-77233
 SURFACE OWNER: 4 - Fee

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WYB000493)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-7478)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

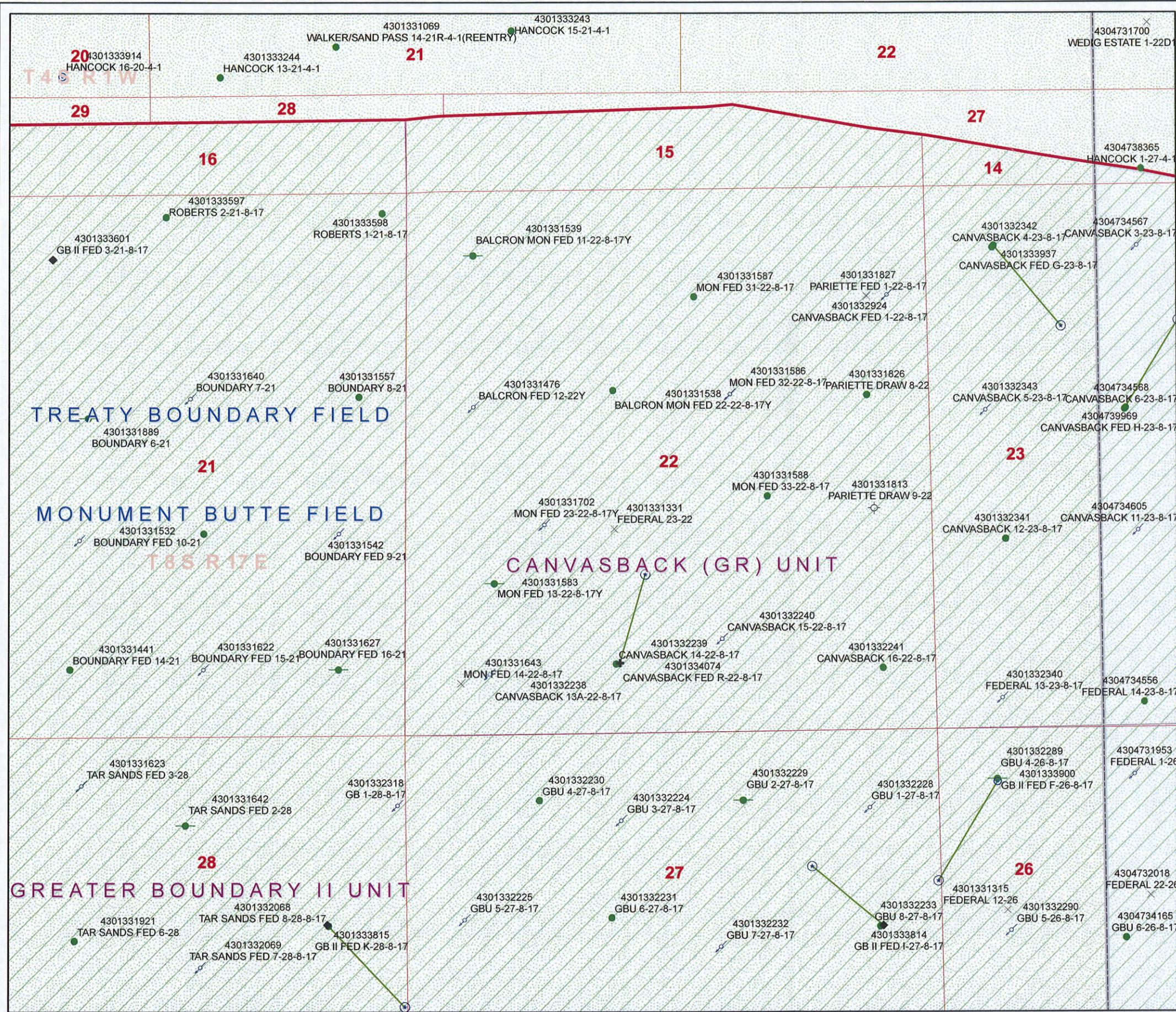
- R649-2-3.
- Unit: CANVASBACK (GRRV)
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
- R649-3-11. Directional Drill

COMMENTS:

*Sep, Separate file
Needs Permit (09-23-06)*

STIPULATIONS:

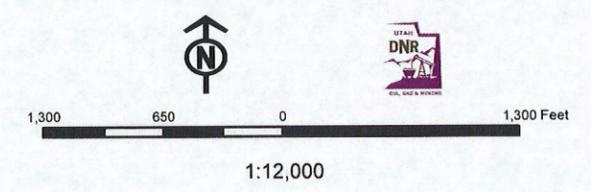
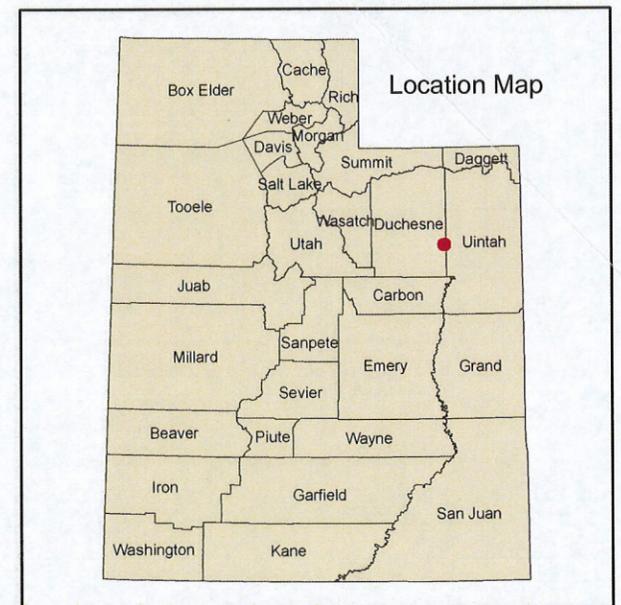
- 1- Federal Approval*
- 2- Spacing Sep*
- 3- STATEMENT OF BASIS*



API Number: 4301334074
Well Name: CANVASBACK FED R-22-8-17
 Township 08.0 S Range 17.0 E Section 22
 Meridian: SLBM
 Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
 Map Produced by Diana Mason

- | Units | Wells Query Events |
|--------------|----------------------|
| STATUS | ✕ <all other values> |
| ACTIVE | GIS_STAT_TYPE |
| EXPLORATORY | <Null> |
| GAS STORAGE | APD |
| NF PP OIL | DRL |
| NF SECONDARY | GI |
| PI OIL | GS |
| PP GAS | LA |
| PP GEOTHERML | NEW |
| PP OIL | OPS |
| SECONDARY | PA |
| TERMINATED | PGW |
| Fields | POW |
| STATUS | RET |
| ACTIVE | SGW |
| COMBINED | SOW |
| Sections | TA |
| Township | TW |
| | WD |
| | WI |
| | WS |
| | Bottom Hole Location |



Application for Permit to Drill

Statement of Basis

10/2/2008

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
1006	43-013-34074-00-00		OW	P	No
Operator	NEWFIELD PRODUCTION COMPANY		Surface Owner-APD		
Well Name	CANVASBACK FED R-22-8-17		Unit		
Field	UNDESIGNATED		Type of Work		
Location	SESW 22 8S 17E S 669 FSL 2082 FWL GPS Coord (UTM) 585768E 4438917N				

Geologic Statement of Basis

The mineral rights for the proposed well are owned by the Federal Government. The BLM will be the agency responsible for evaluating and approving the proposed drilling, casing and cement programs.

Brad Hill
APD Evaluator

10/2/2008
Date / Time

Surface Statement of Basis

The proposed Canvasback Federal R-22-8-17 oil well is a directional well to be drilled from the existing pad of the Canvasback 14-22-8-17 producing oil well. No changes to the previously disturbed area of the original pad are planned. The reserve pit will be re-dug in the original location. The well is on a 20-acre spacing. The pad is being re-occupied so as not to interrupt an existing cultivated field, which is the target area.

A field review of the existing pad showed no concerns as it now exists and should be a suitable for drilling and operating the proposed additional well.

Mr. Brad Nelson owns the surface. He was invited to the pre-site visit but said he would not attend. The minerals are owned by the United States Government and administered by the Bureau of Land Management. Mr. James Herford of the BLM also was invited to the pre-site but said he would not attend and would look at it at different time.

Floyd Bartlett
Onsite Evaluator

9/23/2008
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.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name CANVASBACK FED R-22-8-17
API Number 43-013-34074-0 **APD No** 1006 **Field/Unit** UNDESIGNATED
Location: 1/4,1/4 SESW **Sec** 22 **Tw** 8S **Rng** 17E 669 FSL 2082 FWL
GPS Coord (UTM) 585764 4438918 **Surface Owner**

Participants

Floyd Bartlett (DOGM), Kevan Stevens (Newfield) and Cory Miller (Tri-State Land Surveying, LLC):

Regional/Local Setting & Topography

The proposed Canvasback Federal R-22-8-17 oil well is a directional well to be drilled from the existing pad of the Canvasback 14-22-8-17 producing oil well. No changes to the previously disturbed area of the original pad are planned. The reserve pit will be re-dug in the original location. The well is on a 20-acre spacing. The pad is being re-occupied so as not to interrupt an existing cultivated field, which is the target area.

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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

Flora / Fauna

Existing Well Pad

Soil Type and Characteristics

Erosion Issues

Sedimentation Issues

Site Stability Issues

Drainage Diverson Required

Berm Required?

Erosion Sedimentation Control Required?

Paleo Survey Run?

Paleo Potential Observed?

Cultural Survey Run?

Cultural Resources?

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet) 75 to 100

10

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

45 1 **Sensitivity Level**

Characteristics / Requirements

A reserve pit will be re-dug in the original location. Its dimensions are 80' x 40' x 8' deep. A 16 mil liner with an appropriate subliner is required.

Closed Loop Mud Required? N

Liner Required? Y

Liner Thickness 16

Pit Underlayment Required? Y

Other Observations / Comments

Floyd Bartlett

9/23/2008

Evaluator

Date / Time

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:
3160
(UT-922)

September 16, 2008

Memorandum

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

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

API #	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-34074	Canvasback Fed R-22-8-17 Sec 22 T08S R17E 0669 FSL 2082 FWL	BHL Sec 22 T08S R17E 1530 FSL 2340 FWL

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

/s/ Michael L. Coulthard

bcc: File – Canvasback Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:9-16-08



February 12, 2009

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

RE: Directional Drilling
Canvasback Federal R-22-8-17
Canvasback Unit
UTU-77376X
Surface Hole: T8S R17E, Section 22: SESW
669' FSL 2082' FWL
Bottom Hole: T8S R17E, Section 22
1530' FSL 2340' FWL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated August 28, 2008, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and target location of this well are both within the boundaries of the Canvasback Unit UTU-77376X. Newfield certifies that it is the Canvasback Unit Operator and all lands within 460 feet of the entire directional well bore are within the Canvasback Unit.

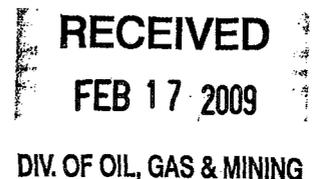
NPC is permitting this well as a directional well in order to minimize surface disturbance. By directionally drilling from the referenced surface location, NPC will be able to utilize the existing roads and pipelines in this area.

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

Sincerely,

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

Roxann Eveland
Land Associate



**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
APPLICATION FOR PERMIT TO DRILL OR REENTER**

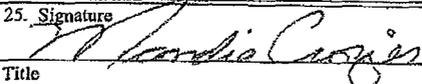
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No. UTU-77233	
6. If Indian, Allottee or Tribe Name N/A	
7. If Unit or CA Agreement, Name and No. Canvasback Unit	
8. Lease Name and Well No. Canvasback Federal R-22-8-17	
9. API Well No.	
1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	10. Field and Pool, or Exploratory Monument Butte Monument Butte
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone	11. Sec., T., R., M., or Blk. and Survey or Area Sec. 22, T8S R17E
2. Name of Operator Newfield Production Company	12. County or Parish Duchesne
3a. Address Route #3 Box 3630, Myton UT 84052	13. State UT
3b. Phone No. (include area code) (435) 646-3721	
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SE/SW 669' FSL 2082' FWL At proposed prod. zone 1530' FSL 2340' FWL	
14. Distance in miles and direction from nearest town or post office* Approximatley 11.8 miles southeast of Myton, Utah	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1530' #/lse, 1530' #/Unit	16. No. of Acres in lease 560.00
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1139'	17. Spacing Unit dedicated to this well 20 Acres
19. Proposed Depth 6610'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5180' GL	22. Approximate date work will start* 4th Quarter 2008
	23. Estimated duration Approximately seven (7) days from spud to dg release.

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 8/28/08
Title Regulatory Specialist		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

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

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

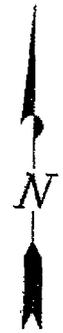
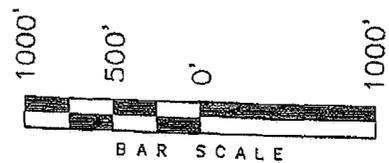
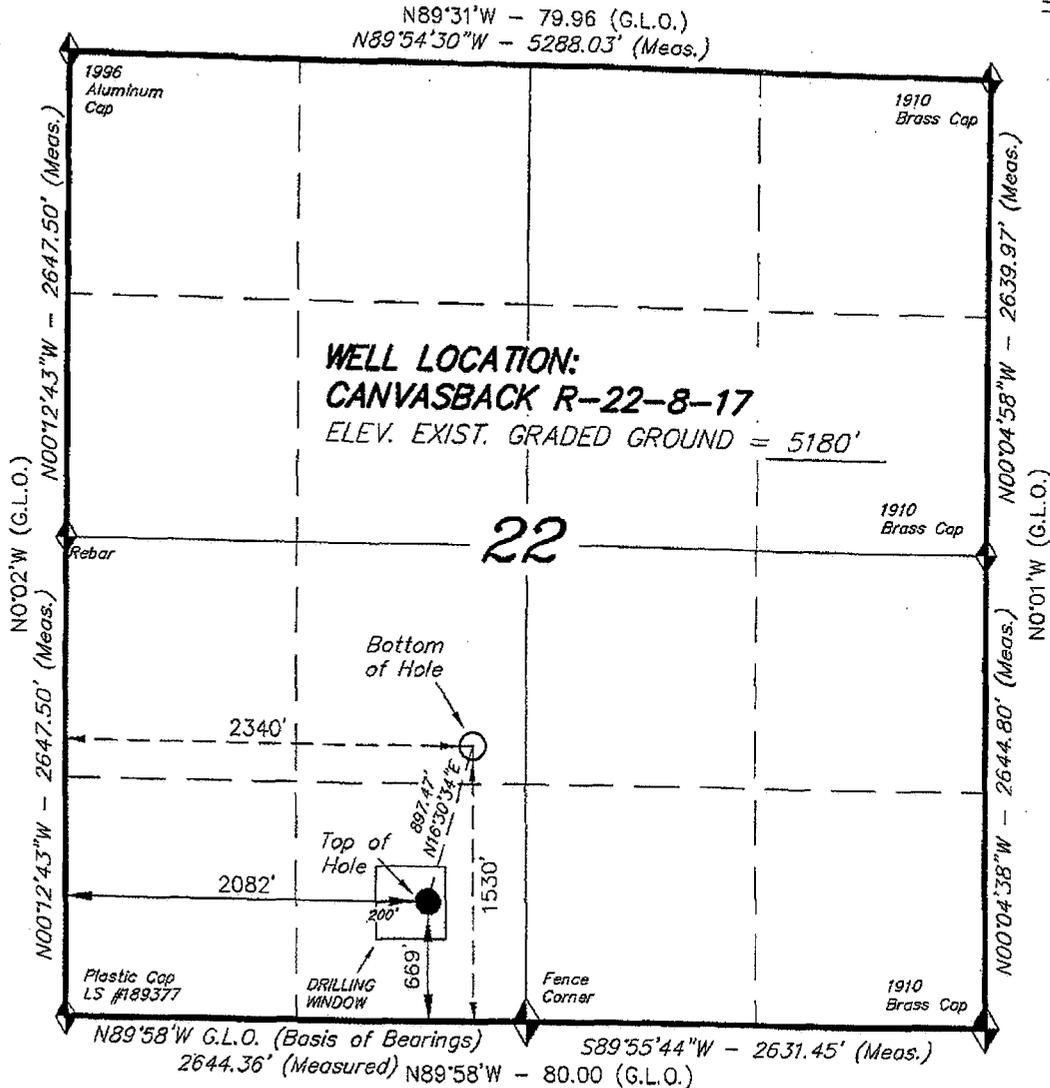
*(Instructions on reverse)

RECEIVED
FEB 17 2009
DIV. OF OIL, GAS & MINING

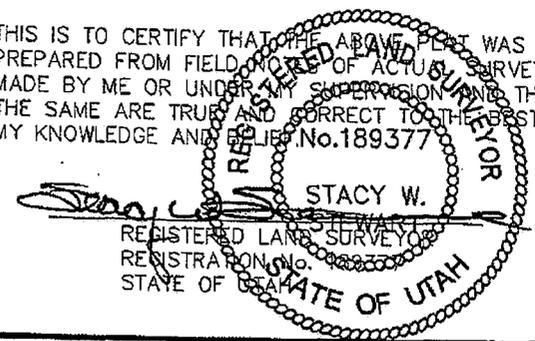
T8S, R17E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, CANVASBACK
R-22-8-17, LOCATED AS SHOWN IN THE
SE 1/4 SW 1/4 OF SECTION 22, T8S,
R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF No.189377



◆ = SECTION CORNERS LOCATED

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

CANVASBACK R-22-8-17
(Surface Location) NAD 83
LATITUDE = 40° 05' 52.94"
LONGITUDE = 109° 59' 40.41"

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 06-04-08	SURVEYED BY: C.M.
DATE DRAWN: 06-06-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 18, 2009

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

Re: CanvasBack Federal R-22-8-17 Well, Surface Location 669' FSL, 2082' FWL, SE SW,
Sec. 22, T. 8 South, R. 17 East, Bottom Location 1530' FSL, 2340' FWL, NE SW,
Sec. 22, T. 8 South, R. 17 East, Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-34074.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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



Operator: Newfield Production Company
Well Name & Number CanvasBack Federal R-22-8-17
API Number: 43-013-34074
Lease: UTU-77233

Surface Location: SE SW Sec. 22 T. 8 South R. 17 East
Bottom Location: NE SW Sec. 22 T. 8 South R. 17 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

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

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

Page Two

43-013-34074

February 18, 2009

7. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

RECEIVED
VERNAL FIELD OFFICE

Form 3160-3
(September 2001)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 8 10 12 45

BUREAU OF LAND MGMT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-77233
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Canvasback Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Canvasback Federal R-22-8-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43 013 34074
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/SW 669' FSL 2082' FWL At proposed prod. zone 1530' FSL 2340' FWL NE SW		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 11.8 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 22, T8S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1530' f/ise, 1530' f/unit	16. No. of Acres in lease 560.00	17. Spacing Unit dedicated to this well 20 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1139'	19. Proposed Depth 6610'	20. BLM/BIA Bond No. on file WYB000493
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- | | |
|---|--|
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| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 8/28/08
Title Regulatory Specialist		

Approved by (Signature) <i>Stephanie J Howard</i>	Name (Printed/Typed) Stephanie J Howard	Date 8/31/09
Title <i>acting</i> Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

CONDITIONS OF APPROVAL ATTACHED

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

*(Instructions on reverse)

RECEIVED

SEP 15 2009

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING

NOS 7/8/08

AFMSS# 08PP0973A

UDOGM



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

170 South 500 East

VERNAL, UT 84078

(435) 781-4401



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	Newfield Production Company	Location:	SESW, Sec. 22, T8S, R17E(S) NESW, Sec. 22, T8S, R17E(B)
Well No:	Canvasback Fed R-22-8-17	Lease No:	UTU-77233
API No:	43-013-34074	Agreement:	Canvasback Unit

OFFICE NUMBER: (435) 781-4400
OFFICE FAX NUMBER: (435) 781-3420

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

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

NOTIFICATION REQUIREMENTS

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

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

SITE SPECIFIC COAs:

None

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

SITE SPECIFIC DOWNHOLE COAs:

- Newfield Production Company shall adhere to all referenced requirements in the SOP along with all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders. A complete angular deviation and directional survey report shall be submitted to the Vernal BLM field office within 30 days following the completion of the well.

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

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

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-77233
---	--

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: CANVASBACK FED R-22-8-17
------------------------------------	---

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013340740000
--	---

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: 0669 FSL 2082 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 22 Township: 08.0S 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: 2/18/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER:

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

Newfield requests to extend the permit to drill this well for one year.

Approved by the Utah Division of Oil, Gas and Mining

Date: February 16, 2010

By:

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A		DATE 2/8/2010



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013340740000

API: 43013340740000

Well Name: CANVASBACK FED R-22-8-17

Location: 0669 FSL 2082 FWL QTR SESW SEC 22 TWNP 080S RNG 170E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 2/18/2009

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No
- Has the approved source of water for drilling changed? Yes No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No
- Is bonding still in place, which covers this proposed well? Yes No

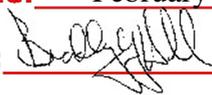
**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Mandie Crozier

Date: 2/8/2010

Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

Date: February 16, 2010

By: 

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

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

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	17613	4304740584	UTE TRIBAL 3-8-5-2E	NENW	8	5S	2E	UINTAH	5/14/2010	5/18/10
WELL 1 COMMENTS: <i>GRRV</i>											
B	99999	17400 ✓	4301333958	<i>MB NE FED</i> MON BUTTE FEDERAL S-24-8-16	NWSE	24	8S	16E	DUCHESNE	5/14/2010	5/18/10
WELL 2 COMMENTS: <i>GRRV</i> <i>BHL = NESE</i>											
B	99999	17400 ✓	4301334205	WEST POINT 10-31-8-16	NWSE	31	8S	16E	DUCHESNE	5/6/2010	5/18/10
WELL 3 COMMENTS: <i>GRRV</i>											
B	99999	17400 ✓	4301334074	<i>Fed</i> CANVASBACK R-22-8-17	SESW	22	8S	17E	DUCHESNE	5/13/2010	5/18/10
WELL 4 COMMENTS: <i>GRRV</i> <i>BHL = NESW</i>											
B	99999	17400 ✓	4301334159	<i>Fed</i> LONE TREE G-22-9-17	SWNW	22	9S	17E	DUCHESNE	5/11/2010	5/18/10
WELL 5 COMMENTS: <i>GRRV</i> <i>BHL = NENW</i>											
B	99999	17400 ✓	4301350047	FEDERAL 11-25-8-15	NESW	25	8S	15E	DUCHESNE	5/5/2010	5/18/10
WELL 6 COMMENTS: <i>GRRV</i>											

- ACTION CODES (See instructions on back of form)
- A - 1 new entity for new well (single well only)
 - B - 1 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)

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

RECEIVED
MAY 17 2010

DIV. OF OIL, GAS & MINING

Jentri Park
Signature
Production Clerk
Date
05/14/10

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-77233
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or GMBU
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) S1E5W 0669 FSL 2082 FWL NWSE Section 22 T8S R17E		8. Well Name and No. CANVASBACK R-22-8-17
		9. API Well No. 4301334074
		10. Field and Pool, or Exploratory Area GREATER MB UNIT
		11. County or Parish, State DUCHESNE, UT

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

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

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

On 5/13/10 MIRU Ross # 21. Spud well @ 9:00 AM. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 320.95 KB. On 5/15/10 cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 5 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Rvan Crum	Title Drilling Foreman
Signature 	Date 05/18/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

(Instructions on page 2)

RECEIVED

MAY 25 2010

DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-77233

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
CANVASBACK R-22-8-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301334074

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:
GREATER MB UNIT

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 0669 FSL 2082 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSE, 22, T8S, R17E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input 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: 06/21/2010	<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 06-21-10, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE 

DATE 06/22/2010

(This space for State use only)

RECEIVED
JUN 28 2010
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

CANVASBACK R-22-8-17

4/1/2010 To 8/30/2010

6/14/2010 Day: 1

Completion

Rigless on 6/14/2010 - Ran CBL & perforated 1st stage. SIWFN w/ 158 BWTR. - NU frac head & Cameron BOP's. RU Hot oiler & test casing, frac head, frac valves & BOP to 4500 psi. RU WLT w/ mast & pack off tool. Run CBL under pressure. WLTD was 6585' w/ TOC @ 190'. RIH w/ 3 1/8" ported guns & perforate CP5 sds @ 6498- 6502' & CP4 sds @ 6403- 08' w/ (11 gram, .36"EH, 16.82¢ pen. 120°) 3 spf for total of 27 shots. RD WLT & Hot Oiler. SIFN w/ 158 BWTR.

Daily Cost: \$0

Cumulative Cost: \$12,482

6/16/2010 Day: 2

Completion

Rigless on 6/16/2010 - Frac well. Flow well back. - Stage #2; RU PSI WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford (6K) composite flow through frac plug & guns. Set plug @ 6050'. Perferate CP2 sds @ 6272-75', 6265-67', CP1 sds @ 6207-09', CP.5 sds @ 6165-67' w/ 3-1/8" Slick Guns (16 gram, .34"EH, 120°, 21"pen) w/ 3 spf for total of 27 shots. RU BJ & open well w/ 1655 psi on casing. Perf broke down @ 2702 psi back to 1814 psi w/ 3 bbls water @ 3 bpm. Pressure to low to shut down. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 50,050#'s of sand in 492 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3105 w/ ave rate of 38 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2314 w/ .81FG. 5 min was 1961. 10 min was 1814. 15 min was 1743. 1196 bbls EWTR. Leave pressure on well. - Stage #5; RU WLT. RIH w/ frac plug & guns. Set plug @ 4920'. Perferate GB6 sds @ 4838-45' w/ 3 spf for total of 30 shots. RU BJ & open well w/ 1275 psi on casing. Perf broke down @ 1412 psi back to 1367 psi w/ 2 bbls water @ 3 bpm. Pressure to low to shut down. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 25,885#'s of sand in 389 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2329 w/ ave rate of 35 bpm w/ 6 ppg of sand. ISIP was 1799 w/ .81FG. 5 min was 1548. 10 min was 1480. 15 min was 1446. 2183 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 5 hours & died w/ 500 bbls rec'd. SIFN. 1683 bbls EWTR.. - Stage #4; RU WLT. RIH w/ frac plug & guns. Set plug @ 5540'. Perferate D3 sds @ 5434-43' w/ 3 spf for total of 27 shots. RU BJ & open well w/ 1625 psi on casing. Perf broke down @ 2514 psi back to 1439 psi w/ 2 bbls water @ 3 bpm. Pressure to low to shut down. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 9612#'s of sand in 248 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1843 w/ ave rate of 28 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1528 w/ .73FG. 5 min was 1326. 10 min was 1307. 15 min was 1393. 1794 bbls EWTR. Leave pressure on well. - Stage #3; RU WLT. RIH w/ frac plug & guns. Set plug @ 6050'. Perferate LODC sds @ 5945-51' w/ 3 spf for total of 18 shots. RU BJ & open well w/ 1690 psi on casing. Perf broke down @ 2906 psi back to 2200 psi w/ 3 bbls water @ 3 bpm. Pressure to low to shut down. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 19,950#'s of sand in 350 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2784 w/ ave rate of 29 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2292 w/ .82FG. 5 min was 2008. 10 min was 1931. 15 min was 1865. 1546 bbls EWTR. Leave pressure on well. - Stage #1; RU BJ Services "Ram Head" frac flange. RU BJ & open well w/ 39 psi on casing. Perf broke down @ 2917 psi back to 1944 psi w/ 5 bbls water @ 3 bpm. ISIP was 1688 w/ .70FG. 1 min was 1416. 4 min was 1234. Pump 6 bbls of 15% HCL acid. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 40,349#'s of sand in 546 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3189 w/ ave rate of 43 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2233 w/ .78FG.

5 min was 2233. 10 min was 1909. 15 min was 1855. 704 bbls EWTR. Leave pressure on well.

Daily Cost: \$0

Cumulative Cost: \$94,860

6/17/2010 Day: 3

Completion

Leed #731 on 6/17/2010 - MIRUSU. TIH w/ tbg. - MIRUSU. Open well w/ 200 psi on casing. RD Cameron BOP's & frac head. Instal 3M production tbg head & Schefer BOP's. PU 4-3/4" Chomp mill & x-over sub. Tally, pickup & TIH w/ new J-55, 2-7/8", 6.5#, 8 eue tbg. Leave EOT @ 2362'. 75 jts tbg. SIFN.

Daily Cost: \$0

Cumulative Cost: \$130,960

6/18/2010 Day: 4

Completion

Leed #731 on 6/18/2010 - PU tbg. Drlg plugs. - Open well w/ 350 psi on casing. Continue TIH w/ tbg to tag fill @ 4870'. RU swivel, pump & tanks. C/O to plug @ 4940'. Drlg out plug #1. TIH w/ tbg to tag plug @ 5540' Drlg out plug #2. TIH w/ tbg to tag plug @ 6050' Drlg out plug #3. TIH w/ tbg to tag plug @ 6340'. Drlg out plug #4. TIH w/ tbg to tag fill @ 6574'. C/O to PBD @ 6634'. LD 3 jts tbg. RU swab equipment. Made 10 runs to recov'd 160 bbls fluid, last run showed trace of oil w/ no sand. FFL was 600'. SIFN.

Daily Cost: \$0

Cumulative Cost: \$136,010

6/19/2010 Day: 5

Completion

Leed #731 on 6/19/2010 - TOOH w/ tbg. TIH w/ production. - Open well w/ 300 psi on casing. TIH w/ tbg to tag 6' new sand. Circulate well clean. TOOH w/ tbg. LD Mill & x-over sub. TIH w/ NC, 2 jts tbg, SN, 1 jt tbg, TA new Cnrl Hydrlic w/ 45,000# shear, 204 jts tbg. RD BOP's. Set TA @ 6432' w/ 17,000#'s tension w/ SN @ 6465' & EOT @ 6528'. SIFN.

Daily Cost: \$0

Cumulative Cost: \$140,625

6/21/2010 Day: 6

Completion

Leed #731 on 6/21/2010 - PU rods. Put well on pump. Final Report. - Open well w/ 300 psi on casing. Flush tbg w/ 60 bbls water. Pick-up & prime pump. TIH w/ 2-1/2" x 1-3/4" x 20' x 24' new Cntrl Hydrlic RHAC pump w/ 224"SL, 4- 1-1/2" weight rods, 252- 7/8" guided rods (8per), 1-1/2" x 30' polish rod. Space pump. Test tbg to 800 psi. RDMOSU. POP @ 3PM w/ 144"SL @ 5 spm. 1500 bbls EWTR. Final Report. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$191,781

Pertinent Files: Go to File List

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU-77233

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
GMBU

8. Lease Name and Well No.
CANVASBACK R-22-8-17

9. AFI Well No.
43-013-34074

10. Field and Pool or Exploratory
MONUMENT BUTTE

11. Sec., T., R., M., on Block and
Survey or Area
SEC. 22, T8S, R17E

12. County or Parish
DUCHESNE

13. State
UT

17. Elevations (DF, RKB, RT, GL)*
5180' GL 5192' KB

18. Total Depth: MD 6688'
TVD 6577

19. Plug Back T.D.: MD 6585'
TVD 6216'

20. Depth Bridge Plug Set: MD
TVD

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

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

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	321'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6679'		325 PRIMLITE		190'	
						425 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 6529'	TA @ 6430'						

25. Producing Intervals

Formation	Top	Bottom	Perforation Record	Size	No. Holes	Perf. Status
A) Green River			6403-6502' CP4 CP5	.36"	3	27
B) Green River			6165-6275' CP.5 CP1 CP2	.34"	3	27
C) Green River			5945-5951' LODC	.34"	3	18
D) Green River			5434-5443' D3	.34"	3	27

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

Depth Interval	Amount and Type of Material
6403-6502'	Frac w/ 40349#'s 20/40 sand in 259 bbls of Lightning 17 fluid.
6165-6275'	Frac w/ 50050#'s 20/40 sand in 218 bbls of Lightning 17 fluid.
5945-5951'	Frac w/ 19950#'s 20/40 sand in 122 bbls of Lightning 17 fluid.
5434-5443'	Frac w/ 9612#'s 20/40 sand in 61 bbls of Lightning 17 fluid.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
6-21-10	7-2-10	24	→	62	97	17			2-1/2" x 1-3/4" x 20' x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	PRODUCING
			→						

28a. Production - Interval B

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

RECEIVED
JUL 19 2010

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

28b. Production - Interval C

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

28c. Production - Interval D

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

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

SOLD & USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	4258' 4452'
				GARDEN GULCH 2 POINT 3	4578' 4861'
				X MRKR Y MRKR	5096' 5134'
				DOUGALS CREEK MRK BI CARBONATE MRK	5277' 5542'
				B LIMESTON MRK CASTLE PEAK	5687' 6143'
				BASAL CARBONATE	6548'

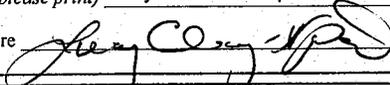
32. Additional remarks (include plugging procedure):

Stage 5: Green River Formation (GB6) 4835-4845', .34" 3/30 Frac w/ 25885#'s of 20/40 sand in 164 bbls of Lightning 17 fluid

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

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

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

Name (please print) Lucy Chavez-Naupoto Title Administrative Assistant
 Signature  Date 07/14/2010

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

NEWFIELD



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 22 T8S, R17E
R-22-8-17**

Wellbore #1

Design: Actual

Standard Survey Report

01 July, 2010

HATHAWAY ^{HB} _{HB} BURNHAM
▲ DIRECTIONAL & MWD SERVICES ▲

Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 22 T8S, R17E
 Well: R-22-8-17
 Wellbore: Wellbore #1
 Design: Actual

Local Co-ordinate Reference: Well R-22-8-17
 TVD Reference: R-22-8-17 @ 5192.0ft (RIG #2)
 MD Reference: R-22-8-17 @ 5192.0ft (RIG #2)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.21 Single User Db

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

Site	SECTION 22 T8S, R17E, SEC 22 T8S, R17E				
Site Position:		Northing:	7,208,900.00ft	Latitude:	40° 6' 1.964 N
From:	Lat/Long	Easting:	2,062,000.00ft	Longitude:	109° 59' 34.084 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.97 °

Well	R-22-8-17, SHL LAT: 40 05 52.94, LONG: -109 59 40.41					
Well Position	+N/-S	0.0 ft	Northing:	7,207,978.74 ft	Latitude:	40° 5' 52.940 N
	+E/-W	0.0 ft	Easting:	2,061,523.87 ft	Longitude:	109° 59' 40.410 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	5,192.0 ft	Ground Level:	5,180.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2010/05/19	11.43	65.88	52,418

Design	Actual				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.0	0.0	0.0	16.51	

Survey Program	Date 2010/07/01				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
423.0	6,688.0	Survey #2 (Wellbore #1)	MWD	MWD - Standard	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
423.0	0.70	226.00	423.0	-1.8	-1.9	-2.2	0.17	0.17	0.00
453.0	0.90	241.40	453.0	-2.0	-2.2	-2.6	0.97	0.67	51.33
484.0	0.40	262.60	484.0	-2.2	-2.5	-2.8	1.76	-1.61	68.39
515.0	0.70	344.90	515.0	-2.0	-2.7	-2.7	2.45	0.97	265.48
545.0	1.30	15.50	545.0	-1.5	-2.6	-2.2	2.61	2.00	102.00
576.0	1.70	12.60	576.0	-0.7	-2.4	-1.4	1.31	1.29	-9.35
606.0	2.20	24.80	606.0	0.3	-2.1	-0.4	2.16	1.67	40.67
637.0	2.60	20.70	636.9	1.5	-1.6	0.9	1.40	1.29	-13.23
667.0	3.20	20.60	666.9	2.9	-1.1	2.4	2.00	2.00	-0.33
698.0	3.80	24.10	697.8	4.6	-0.3	4.3	2.05	1.94	11.29
729.0	4.20	16.70	728.8	6.6	0.4	6.5	2.10	1.29	-23.87
759.0	4.40	13.40	758.7	8.8	1.0	8.7	1.06	0.67	-11.00

Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 22 T8S, R17E
 Well: R-22-8-17
 Wellbore: Wellbore #1
 Design: Actual

Local Co-ordinate Reference: Well R-22-8-17
 TVD Reference: R-22-8-17 @ 5192.0ft (RIG #2)
 MD Reference: R-22-8-17 @ 5192.0ft (RIG #2)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
790.0	4.80	13.40	789.6	11.2	1.6	11.2	1.29	1.29	0.00
820.0	5.40	11.80	819.4	13.8	2.1	13.9	2.06	2.00	-5.33
851.0	6.00	13.10	850.3	16.8	2.8	16.9	1.98	1.94	4.19
881.0	6.60	10.70	880.1	20.1	3.5	20.2	2.18	2.00	-8.00
914.0	7.00	13.30	912.9	23.9	4.3	24.1	1.53	1.21	7.88
946.0	7.50	15.90	944.6	27.8	5.3	28.2	1.87	1.56	8.13
977.0	7.70	16.10	975.4	31.7	6.4	32.3	0.65	0.65	0.65
1,009.0	8.30	16.80	1,007.0	36.0	7.7	36.7	1.90	1.88	2.19
1,041.0	9.20	14.70	1,038.7	40.7	9.0	41.6	2.98	2.81	-6.56
1,072.0	9.50	11.60	1,069.3	45.6	10.2	46.6	1.89	0.97	-10.00
1,104.0	10.30	10.50	1,100.8	51.0	11.2	52.1	2.57	2.50	-3.44
1,136.0	10.60	12.00	1,132.3	56.7	12.4	57.9	1.27	0.94	4.69
1,168.0	10.90	9.20	1,163.7	62.5	13.5	63.8	1.88	0.94	-8.75
1,263.0	12.50	12.30	1,256.7	81.5	17.1	83.0	1.81	1.68	3.26
1,358.0	13.40	17.60	1,349.3	102.0	22.6	104.2	1.57	0.95	5.58
1,452.0	13.80	17.00	1,440.7	123.1	29.2	126.3	0.45	0.43	-0.64
1,548.0	14.20	18.40	1,533.8	145.2	36.2	149.5	0.55	0.42	1.46
1,641.0	13.80	16.60	1,624.0	166.7	43.0	172.0	0.64	-0.43	-1.94
1,738.0	14.60	17.30	1,718.1	189.4	49.9	195.8	0.84	0.82	0.72
1,833.0	14.40	17.70	1,810.1	212.1	57.1	219.6	0.24	-0.21	0.42
1,928.0	13.60	14.90	1,902.2	234.2	63.6	242.6	1.10	-0.84	-2.95
2,023.0	13.00	13.30	1,994.7	255.4	68.9	264.4	0.74	-0.63	-1.68
2,118.0	11.80	8.00	2,087.5	275.4	72.7	284.7	1.74	-1.26	-5.58
2,214.0	12.00	13.50	2,181.4	294.8	76.4	304.4	1.20	0.21	5.73
2,309.0	11.70	16.20	2,274.4	313.7	81.4	323.9	0.66	-0.32	2.84
2,403.0	9.80	22.50	2,366.7	330.2	87.1	341.3	2.37	-2.02	6.70
2,498.0	10.20	17.90	2,460.3	345.7	92.8	357.8	0.94	0.42	-4.84
2,593.0	10.80	20.70	2,553.7	362.0	98.5	375.1	0.83	0.63	2.95
2,688.0	10.70	21.10	2,647.0	378.6	104.8	392.8	0.13	-0.11	0.42
2,783.0	10.50	13.10	2,740.4	395.2	110.0	410.2	1.56	-0.21	-8.42
2,878.0	11.30	15.60	2,833.7	412.6	114.4	428.1	0.98	0.84	2.63
2,973.0	12.50	15.80	2,926.7	431.5	119.7	447.7	1.26	1.26	0.21
3,100.0	11.60	10.95	3,050.9	457.2	125.9	474.2	1.07	-0.71	-3.82
3,131.0	11.10	9.30	3,081.3	463.2	127.0	480.2	1.92	-1.61	-5.32
3,163.0	10.80	10.00	3,112.7	469.2	128.0	486.3	1.03	-0.94	2.19
3,258.0	10.20	13.10	3,206.1	486.2	131.5	503.5	0.87	-0.63	3.26
3,353.0	10.30	11.10	3,299.6	502.7	135.0	520.4	0.39	0.11	-2.11
3,448.0	10.90	24.60	3,393.0	519.2	140.4	537.7	2.68	0.63	14.21
3,544.0	10.70	24.30	3,487.3	535.6	147.8	555.5	0.22	-0.21	-0.31
3,639.0	9.30	18.50	3,580.8	550.9	153.9	571.9	1.81	-1.47	-6.11
3,734.0	9.40	21.20	3,674.6	565.4	159.1	587.3	0.47	0.11	2.84
3,829.0	9.00	21.60	3,768.3	579.6	164.7	602.5	0.43	-0.42	0.42
3,924.0	8.60	21.50	3,862.2	593.1	170.0	617.0	0.42	-0.42	-0.11
4,019.0	10.20	24.35	3,955.9	607.4	176.1	632.4	1.75	1.68	3.00
4,114.0	9.95	23.80	4,049.5	622.5	182.9	648.8	0.28	-0.26	-0.58
4,209.0	10.50	19.10	4,143.0	638.2	189.0	665.6	1.05	0.58	-4.95
4,304.0	10.50	15.90	4,236.4	654.7	194.2	682.9	0.61	0.00	-3.37
4,399.0	11.50	17.90	4,329.6	672.1	199.5	701.1	1.13	1.05	2.11
4,494.0	12.40	15.90	4,422.6	690.9	205.2	720.7	1.04	0.95	-2.11
4,590.0	11.70	15.00	4,516.5	710.2	210.5	740.8	0.75	-0.73	-0.94
4,684.0	11.70	17.50	4,608.5	728.5	215.9	759.8	0.54	0.00	2.66
4,779.0	12.00	19.40	4,701.5	747.0	222.0	779.3	0.52	0.32	2.00
4,874.0	12.10	21.50	4,794.4	765.6	229.0	799.1	0.47	0.11	2.21
4,969.0	11.70	20.70	4,887.3	783.9	236.0	818.6	0.46	-0.42	-0.84

Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 22 T8S, R17E
 Well: R-22-8-17
 Wellbore: Wellbore #1
 Design: Actual

Local Co-ordinate Reference: Well R-22-8-17
 TVD Reference: R-22-8-17 @ 5192.0ft (RIG #2)
 MD Reference: R-22-8-17 @ 5192.0ft (RIG #2)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
5,096.0	10.70	19.50	5,011.9	807.0	244.5	843.2	0.81	-0.79	-0.94	
5,191.0	10.40	17.40	5,105.3	823.5	250.0	860.6	0.51	-0.32	-2.21	
5,286.0	10.60	14.70	5,198.7	840.1	254.8	877.9	0.56	0.21	-2.84	
5,381.0	10.70	16.10	5,292.1	857.1	259.5	895.5	0.29	0.11	1.47	
5,389.1	10.73	16.22	5,300.1	858.5	259.9	897.0	0.48	0.39	1.49	
R-22-8-17 TGT										
5,476.0	11.07	17.47	5,385.4	874.2	264.7	913.4	0.48	0.39	1.44	
5,571.0	10.30	14.70	5,478.7	891.2	269.5	931.0	0.97	-0.81	-2.92	
5,666.0	11.00	15.80	5,572.1	908.1	274.2	948.6	0.77	0.74	1.16	
5,761.0	10.83	16.75	5,665.4	925.4	279.2	966.6	0.26	-0.18	1.00	
5,856.0	11.60	13.40	5,758.6	943.2	284.0	985.0	1.06	0.81	-3.53	
5,951.0	13.60	15.80	5,851.3	963.2	289.3	1,005.7	2.18	2.11	2.53	
6,046.0	12.90	13.10	5,943.7	984.3	294.7	1,027.5	0.98	-0.74	-2.84	
6,141.0	9.60	13.30	6,036.9	1,002.4	298.9	1,046.0	3.47	-3.47	0.21	
6,237.0	10.50	18.50	6,131.4	1,018.4	303.5	1,062.7	1.33	0.94	5.42	
6,332.0	10.40	17.70	6,224.9	1,034.8	308.9	1,079.9	0.19	-0.11	-0.84	
6,427.0	9.20	19.10	6,318.5	1,050.2	314.0	1,096.1	1.29	-1.26	1.47	
6,522.0	8.50	14.70	6,412.3	1,064.1	318.3	1,110.7	1.02	-0.74	-4.63	
6,632.0	7.40	20.00	6,521.3	1,078.7	322.7	1,125.9	1.20	-1.00	4.82	
6,688.0	6.90	21.00	6,576.9	1,085.2	325.2	1,132.9	0.92	-0.89	1.79	

Wellbore Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
R-22-8-17 TGT	0.00	0.00	5,300.0	860.5	255.0	7,208,843.38	2,061,764.39	40° 6' 1.444 N	109° 59' 37.128 W
- actual wellpath misses by 5.2ft at 5389.1ft MD (5300.1 TVD, 858.5 N, 259.9 E)									
- Circle (radius 75.0)									

Checked By: _____ Approved By: _____ Date: _____



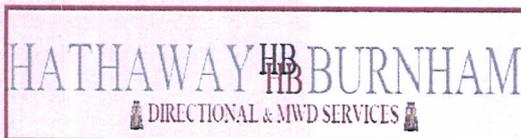
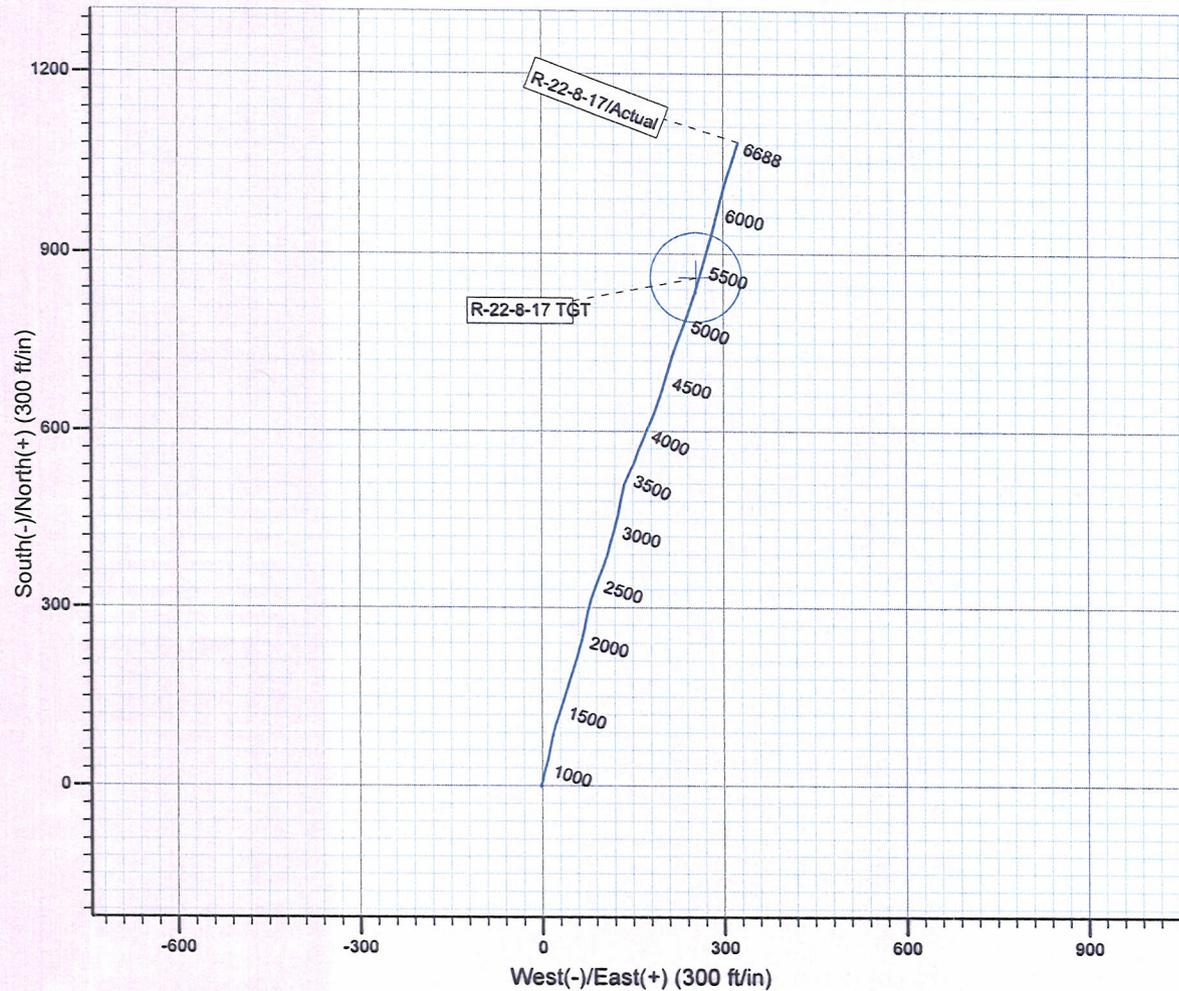
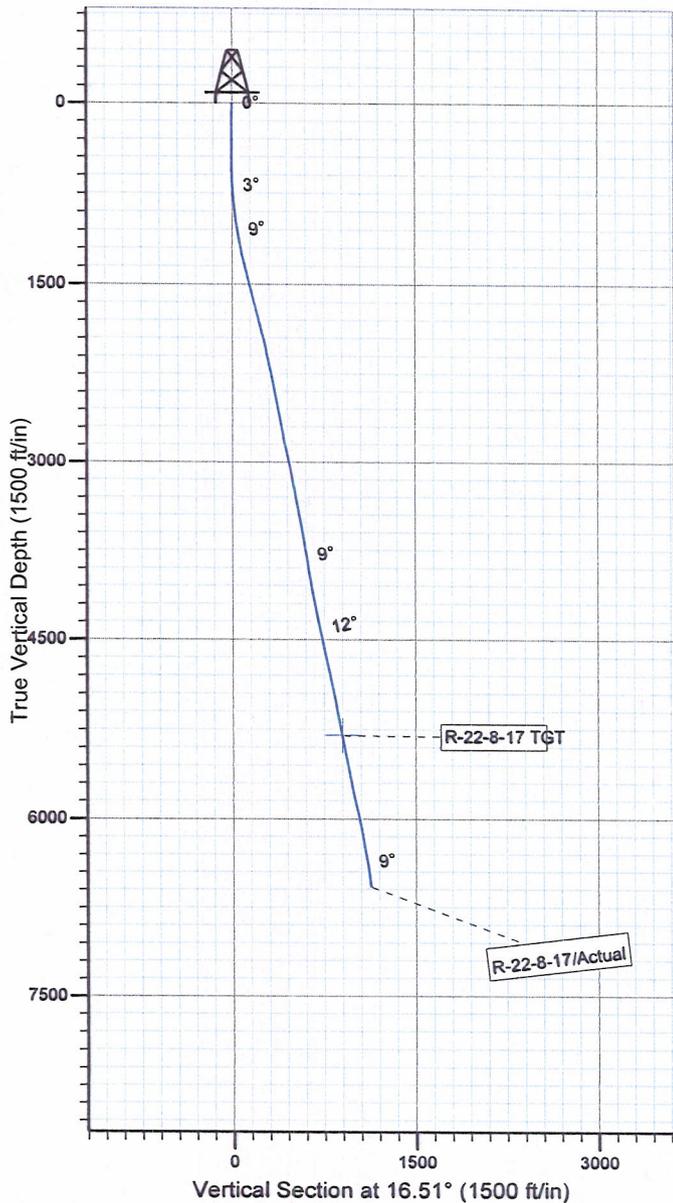
Project: USGS Myton SW (UT)
 Site: SECTION 22 T8S, R17E
 Well: R-22-8-17
 Wellbore: Wellbore #1
 SURVEY: Actual

FINAL SURVEY REPORT



Azimuths to True North
 Magnetic North: 11.43°

Magnetic Field
 Strength: 52417.8snT
 Dip Angle: 65.88°
 Date: 2010/05/19
 Model: IGRF2010



Design: Actual (R-22-8-17/Wellbore #1)

Created By: *Jim Hudson* Date: 20:48, July 01 2010
 THIS SURVEY IS CORRECT TO THE BEST OF MY
 KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

Daily Activity Report

Format For Sundry

CANVASBACK R-22-8-17**3/1/2010 To 7/30/2010****CANVASBACK R-22-8-17****Waiting on Cement****Date:** 5/14/2010

Ross #21 at 320. Days Since Spud - On 5/13/10 R/U Ross # 21 Spud @ 9:00AM. Drill 320' Run 7jts 8 5/8" csg Set @ 320.95'KB - On 5/15/10 R/U BJ and cmt W/ 160sks of Class "G" cmt+2%CaCL+.25#/skCelloFlake Mixed - @ 15.8ppg W/ 1.17yield Returned 5bbls cement to pit.

Daily Cost: \$0**Cumulative Cost:** \$49,799**CANVASBACK R-22-8-17****Rigging Up****Date:** 6/2/2010

NDSI #2 at 320. 0 Days Since Spud - Rig Down Prepair For Rig Move To Canvasback R-22-8-17 - 6/2/10 - Nofity BLM & State Via Email On 6/1/10 Of Rig Move @ 7:00 Am on6/2/10 And Bop Test @ 1:00 PM On

Daily Cost: \$0**Cumulative Cost:** \$54,381**CANVASBACK R-22-8-17****Drill 7 7/8" hole with fresh water****Date:** 6/3/2010

NDSI #2 at 2267. 1 Days Since Spud - Drill 7 7/8" hole from 343' to 2267' with 20 klbs WOB, 111 RPM, 290 GPM, and 160 ft/hr avg ROP. - Drill 7 7/8" hole from 280' to 343' with 15 klbs WOB, 111 total RPM, 290 GPM, and 63 ft/hr avg ROP. - Replace starter on mud pump. - 1 antenna sub, 1 NMDC, and 26 4.5" HWDP. - Pick up BHA as follows: 1 Smith MSi 616 7 7/8 bit, Hunting .208 rev/gal MM, 1 NMDC, 1 double gap sub - 10 minutes. Test surface casing to 1500 psi for 30 minutes. All tested good. - Move rig 5 miles from MB S-24-8-16 to Canvasback R-22-8-17 on 6/2/10. - Rig up B&C Quick Test and test safety valve, choke, kelly, and manifold to 2000 psi for

Daily Cost: \$0**Cumulative Cost:** \$96,855**CANVASBACK R-22-8-17****TIH****Date:** 6/4/2010

NDSI #2 at 4019. 2 Days Since Spud - Trip for MWD tool. Lay down 2 joints to stand back monel. - Drill 7 7/8" hole from 2267' to 3026' with 20 klbs WOB, 111 total RPM, and 116 ft/hr avg ROP. - Service rig and check crownomatic. Changed saver sub. - Drill 7 7/8" hole from 3026' to 3089' with 20 klbs WOB, 111 total RPM, and 126 ft/hr avg ROP. - Work on directional tools. Hathaway Burnham was unable to get a signal around 3100'. - Drill 7 7/8" hole from 3089' to 3250' with 20 klbs WOB, 111 total RPM, and 54 ft/hr avg ROP. - Drill 7 7/8" hole from 3250' to 4103' with 20 klbs WOB, 111 total RPM, and 106 ft/hr avg ROP. - Work on MWD tool. - Circulate bottoms up for trip. - Change out MWD tool. - No flow at 4103'.

Daily Cost: \$0**Cumulative Cost:** \$133,704**CANVASBACK R-22-8-17****Drill 7 7/8" hole with fresh water****Date:** 6/5/2010

NDSI #2 at 5437. 3 Days Since Spud - Drill 7 7/8" hole from 4392' to 5437' w/ 20,000 WOB,

111 total RPM, and 99 ft/hr avg ROP. - Rig Service Function test BOP, and Crown-O-Matic, Grease Blocks, Swivel, and Kelly Spinners - Drill 7 7/8" hole from 4106' to 4392' w/ 20,000 WOB, 111 total RPM, and 99 ft/hr avg ROP. - Break Circulation, Wash 30' to bottom - Trip In Hole

Daily Cost: \$0

Cumulative Cost: \$153,588

CANVASBACK R-22-8-17

Circulate & Condition Hole

Date: 6/6/2010

NDSI #2 at 6688. 4 Days Since Spud - Drill 7 7/8" hole from 5659' to 6688' w/ 25,000 WOB, 111 total RPM, and 86ft/hr avg ROP. - Drill 7 7/8" hole from 5437' to 5659' w/ 25,000 WOB, 111 total RPM, and 86ft/hr avg ROP. - Rig Service Function test BOP, and Crown-O-Matic, Grease Blocks, Swivel, and Kelly Spinners - Pump High Vis. Sweep, Circulate F/ Logs.

Finalized

Daily Cost: \$0

Cumulative Cost: \$185,497

CANVASBACK R-22-8-17

Wait on Completion

Date: 6/7/2010

NDSI #2 at 6688. 5 Days Since Spud - Rig up loggers and Log Well. (loggers TD 6655') - Rig up B&C Quick Test and test 5 1/2" Casing Rams to 2,000PSI for ten min. tested good - Rig up Casing Crew and Run 153jts 5 1/2" J-55 Casing Set @ 6679.39KB 2jts will be transferred - Rig up BJ hardlines and circulate W/ Rig Pump - Laydown Drillpipe and BHA - Release Rig @ 3:30AM 6-7-10 RC - Clean Mud Tanks - Nipple down set slips W/ 78,000 tension - 1+.25#CF+.05#SF+.3SMS+FP-6L) Returned 30 bbls to pit. - Pump 325sk of lead cmt pumped @ 11ppg & 3.53 yield (PL11+3%KCL+5#CSE+0.5# - CF+2#KCL+5SMS+FP+SF) Pumped 425sk Tail Cement @ 14.4ppg&1.24 yield (50:50:2+3%KCL+0.5%EC **Finalized**

Daily Cost: \$0

Cumulative Cost: \$303,607

Pertinent Files: Go to File List