



November 13, 2007

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

RE: Directional Drilling
Sand Wash Federal I-31-8-17
Sand Wash Unit
UTU-76788X
Surface Hole: T8S R17E, Section 31: NW/4NE/4
805' FNL 2032' FEL
Bottom Hole: T8S R17E, Section 31: NW/4NE/4
1322' FNL 1320' FEL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated October 26, 2007, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and bottom hole location of this well are both within the boundaries of the Sand Wash Federal Unit UTU-76788X. Newfield certifies that it is the Sand Wash Unit Operator and all lands within 460 feet of the entire directional well bore are within the Sand Wash Unit.

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

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

Sincerely,

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

Roxann Eveland
Land Associate

RECEIVED
NOV 16 2007
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

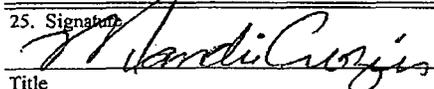
APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No. UTU-74869	
6. If Indian, Allottee or Tribe Name N/A	
7. If Unit or CA Agreement, Name and No. Sand Wash Unit	
8. Lease Name and Well No. Sand Wash Federal I-31-8-17	
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
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. 31, 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 NW/NE 805' FNL 2032' FEL At proposed prod. zone NW/NE 1322' FNL 1320' FEL	
14. Distance in miles and direction from nearest town or post office* Approximatley 15.4 miles south of Myton, Utah	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1320' f/lsa, 1320' f/unit	16. No. of Acres in lease 1177.07
17. Spacing Unit dedicated to this well 20 Acres	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1236'	19. Proposed Depth 6325'
20. BLM/BIA Bond No. on file WYB000493	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5264' GL	22. Approximate date work will start* 1st 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:

- | | |
|--|---|
| <ul style="list-style-type: none"> 1. Well plat certified by a registered surveyor. 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | <ul style="list-style-type: none"> 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). 5. Operator certification. 6. Such other site specific information and/or plans as may be required by the authorized officer. |
|--|---|

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 10/26/07
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)

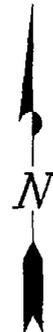
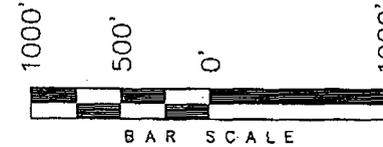
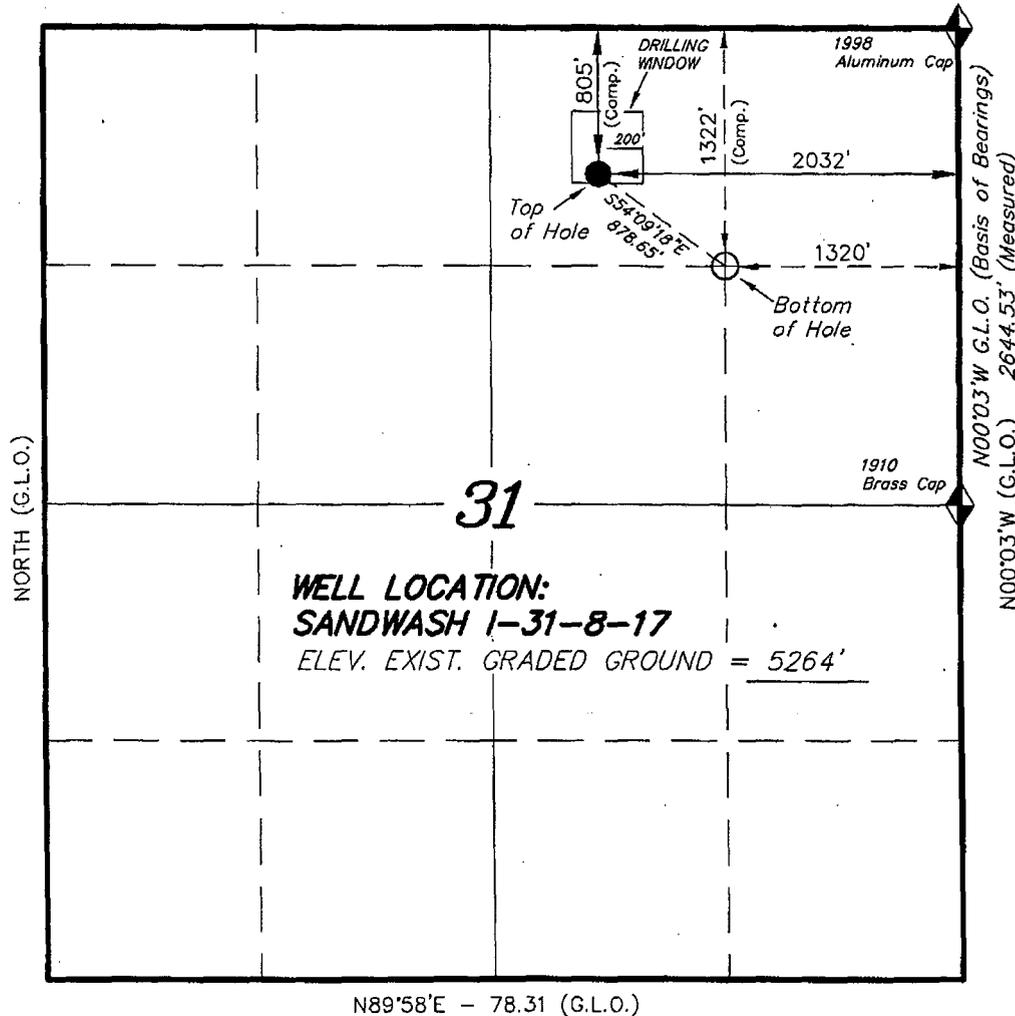
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NOV 16 2007
DIV. OF OIL, GAS & MINING

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

N89°51'E - 78.20 (G.L.O.)

NEWFIELD PRODUCTION COMPANY

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



Note:

The Proposed Well head bears
 S68°14'37"W 2186.67' from the
 Northeast Corner of Section 31.

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

REGISTERED LAND SURVEYOR
 STACY W.
 REGISTERED LAND SURVEYOR
 REGISTRATION No. 189377
 STATE OF UTAH

WELL LOCATION:
SANDWASH 1-31-8-17
 ELEV. EXIST. GRADED GROUND = 5264'

◆ = SECTION CORNERS LOCATED

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

SANDWASH 1-31-8-17
 (Surface Location) NAD 83
 LATITUDE = 40° 04' 46.01"
 LONGITUDE = 110° 02' 49.61"

TRI STATE LAND SURVEYING & CONSULTING

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

DATE SURVEYED: 08-10-07	SURVEYED BY: T.H.
DATE DRAWN: 09-10-07	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

**NEWFIELD PRODUCTION COMPANY
SAND WASH FEDERAL #I-31-8-17
AT SURFACE: NW/NE SECTION 31, T8S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2315'
Green River	2315'
Wasatch	6325'

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

Green River Formation 2315' – 6325' - Oil

4. PROPOSED CASING PROGRAM

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

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

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

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
SAND WASH FEDERAL #I-31-8-17
AT SURFACE: NW/NE SECTION 31, T8S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Sand Wash Federal #I-31-8-17 located in the NW 1/4 NE 1/4 Section 31, T8S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly - 8.8 miles \pm to its junction with an existing dirt road to the southwest; proceed southwesterly and then in northeasterly - 5.2 miles \pm to the existing Tar Sands Federal 2-31-8-17 well location.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Tar Sands Federal 2-31-8-17 well pad. See attached **Topographic Map "B"**.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the Tar Sands Federal 2-31-8-17 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Sand Wash Federal I-31-8-17. All permanent surface equipment will be painted Carlsbad Canyon.

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

Johnson Water District
Water Right: 43-10136

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

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

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

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Sand Wash Federal I-31-8-17 will be drilled off of the existing Tar Sands Federal 2-31-8-17 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

Water Disposal

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

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

Threatened, Endangered, And Other Sensitive Species

Mountain Plover: If new construction or surface disturbing activities are scheduled to occur between May 1 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities will be allowed between March 15 and August 15 within a 0.5 mile radius of any documented mountain plover nest site.

Reserve Pit Liner

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

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Squirrell Tail

Elymus Elymoides

5 lbs/acre

Shadscale	<i>Atriplex Confertifolia</i>	2 lbs/acre
Crested Wheatgrass	<i>Agropyron Cristatum</i>	5 lbs/acre

Details of the On-Site Inspection

The proposed Sand Wash Federal I-31-8-17 was on-sited on 10/18/07. The following were present; Dave Allred (Newfield Production), Michael Cutler (Bureau of Land Management), and Brandon McDonald (Bureau of Land Management).. Weather conditions were clear and ground cover was 100% open.

13. **LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**
Representative

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

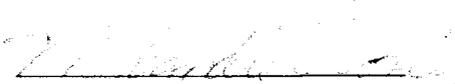
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #I-31-8-17 NW/NE Section 31, Township 8S, Range 17E: Lease UTU-74869 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

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

10/23/07

Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

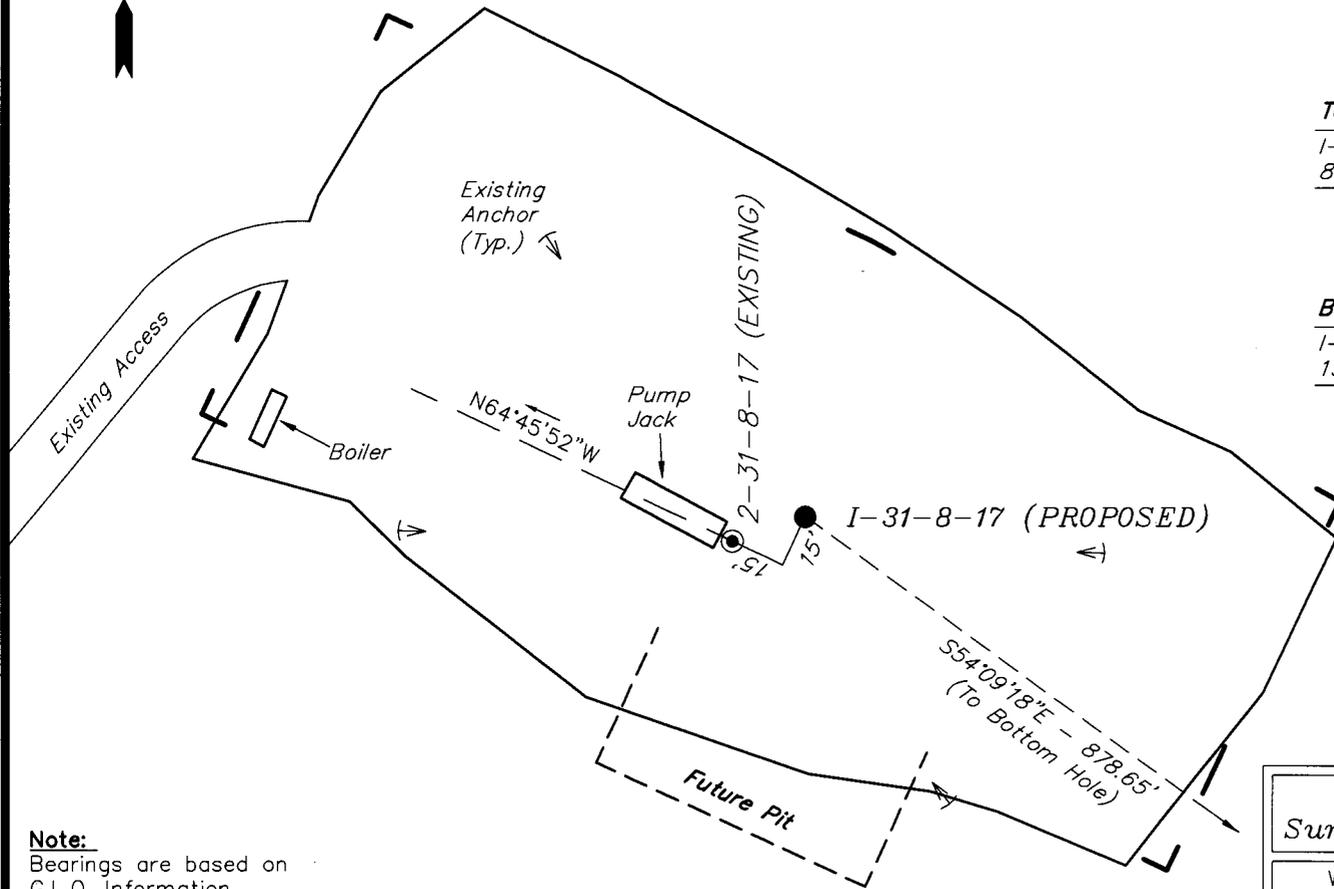
NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

SANDWASH 1-31-8-17 (Proposed Well)

SANDWASH 2-31-8-17 (Existing Well)

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



TOP HOLE FOOTAGES

1-31-8-17 (PROPOSED)
805' FNL & 2032' FEL

BOTTOM HOLE FOOTAGES

1-31-8-17 (PROPOSED)
1322' FNL & 1320' FEL

Note:

Bearings are based on
G.L.O. Information

RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
1-31-8-17	-515'	712'

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
1-31-8-17	40° 04' 46.01"	110° 02' 49.61"
2-31-8-17	40° 04' 45.94"	110° 02' 49.86"

SURVEYED BY: T.H.	DATE SURVEYED: 08-10-07
DRAWN BY: F.T.M.	DATE DRAWN: 09-10-07
SCALE: 1" = 50'	REVISED:

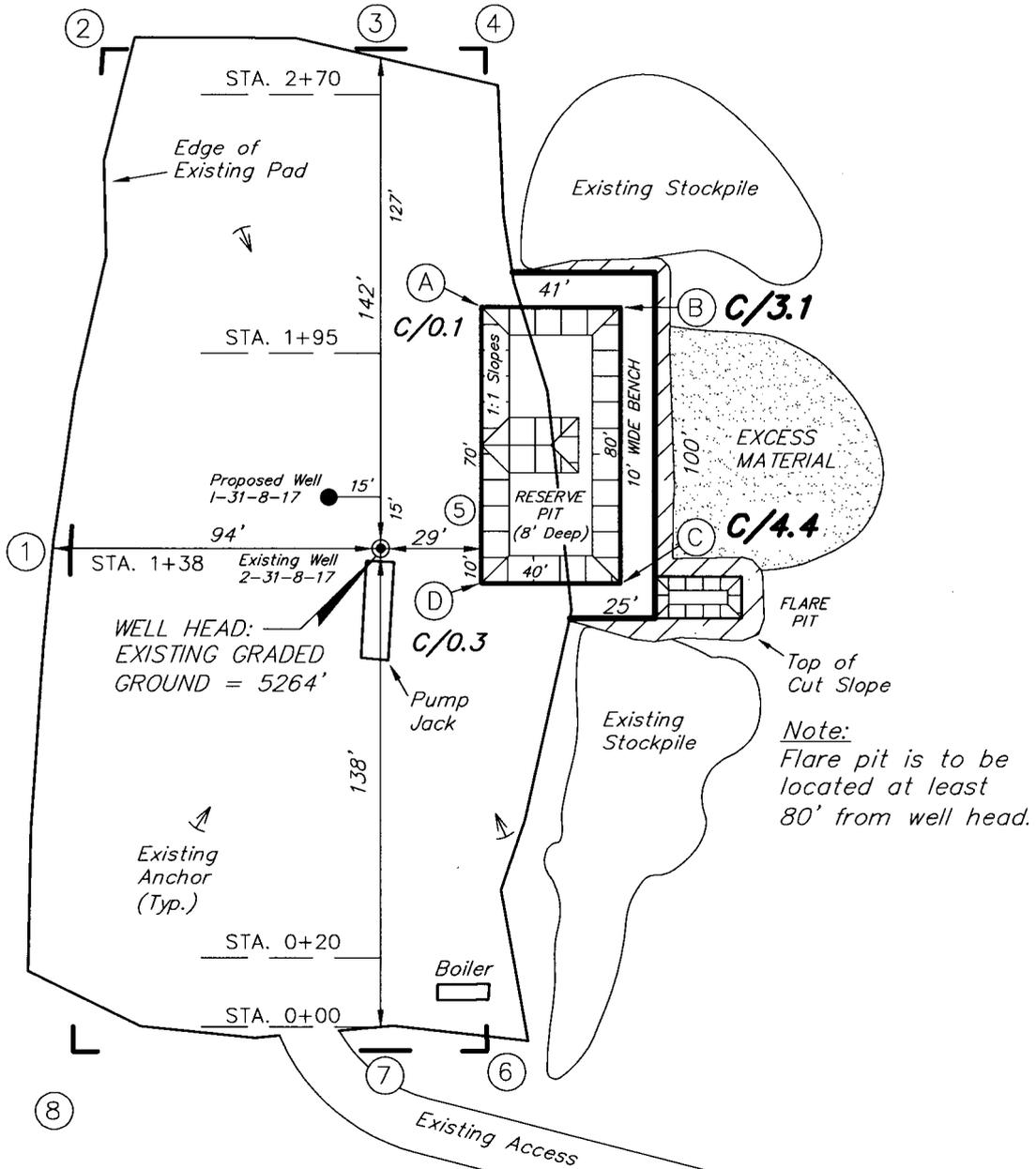
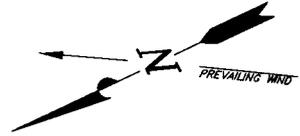
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

SANDWASH 1-31-8-17 (Proposed Well)

SANDWASH 2-31-8-17 (Existing Well)

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



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

SURVEYED BY: T.H.	DATE SURVEYED: 08-10-07
DRAWN BY: F.T.M.	DATE DRAWN: 09-10-07
SCALE: 1" = 50'	REVISED:

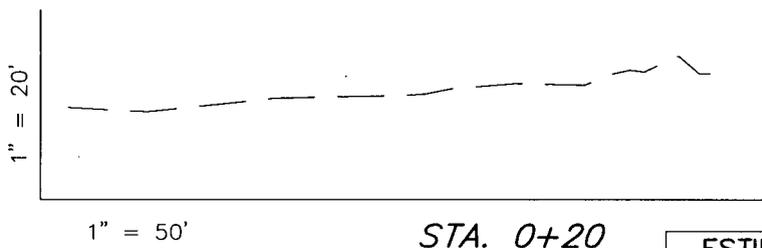
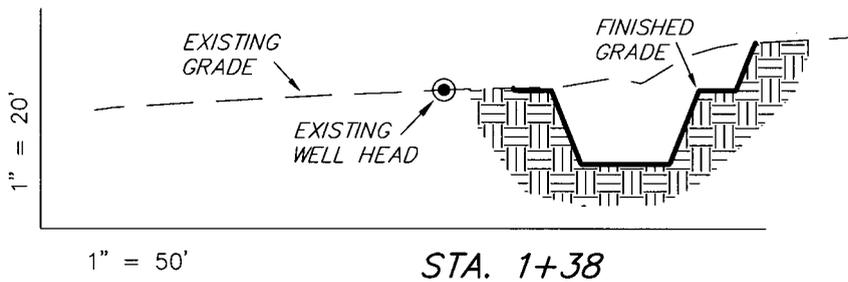
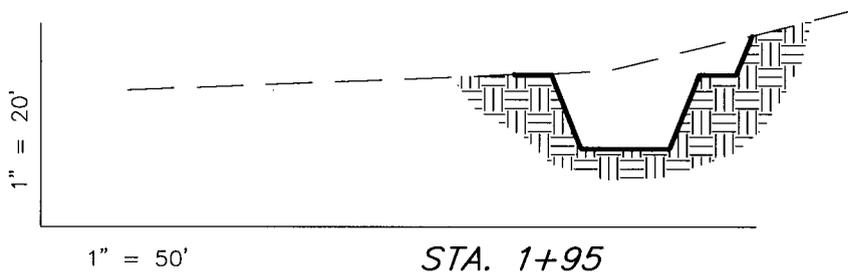
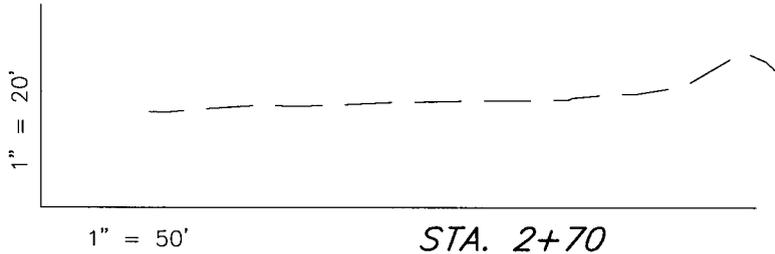
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180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

SANDWASH 1-31-8-17 (Proposed Well)

SANDWASH 2-31-8-17 (Existing Well)



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

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	510	0	Topsoil is not included in Pad Cut	510
PIT	640	0		640
TOTALS	1,150	0	140	1,150

SURVEYED BY: T.H.	DATE SURVEYED: 08-10-07
DRAWN BY: F.T.M.	DATE DRAWN: 09-10-07
SCALE: 1" = 50'	REVISED:

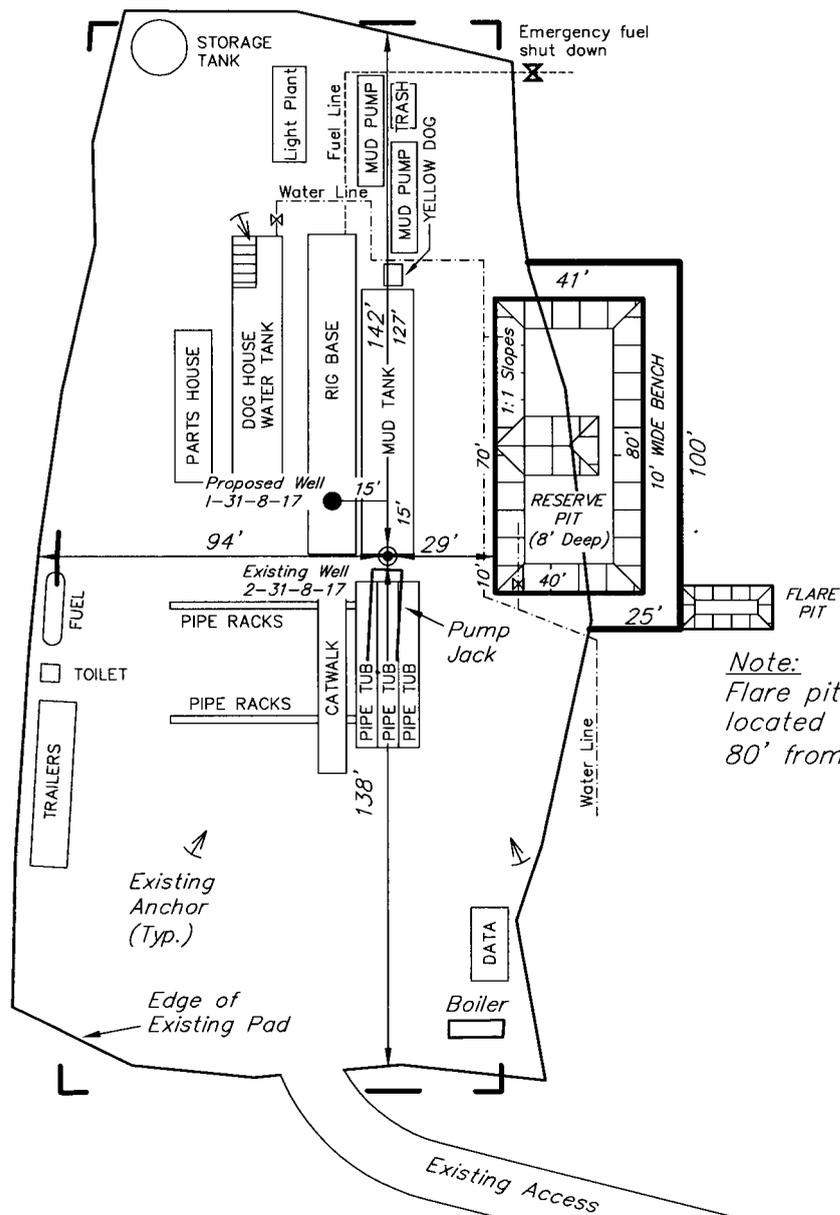
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

SANDWASH 1-31-8-17 (Proposed Well)

SANDWASH 2-31-8-17 (Existing Well)



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

SURVEYED BY: T.H.	DATE SURVEYED: 08-10-07
DRAWN BY: F.T.M.	DATE DRAWN: 09-10-07
SCALE: 1" = 50'	REVISED:

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

Newfield Production Company Proposed Site Facility Diagram

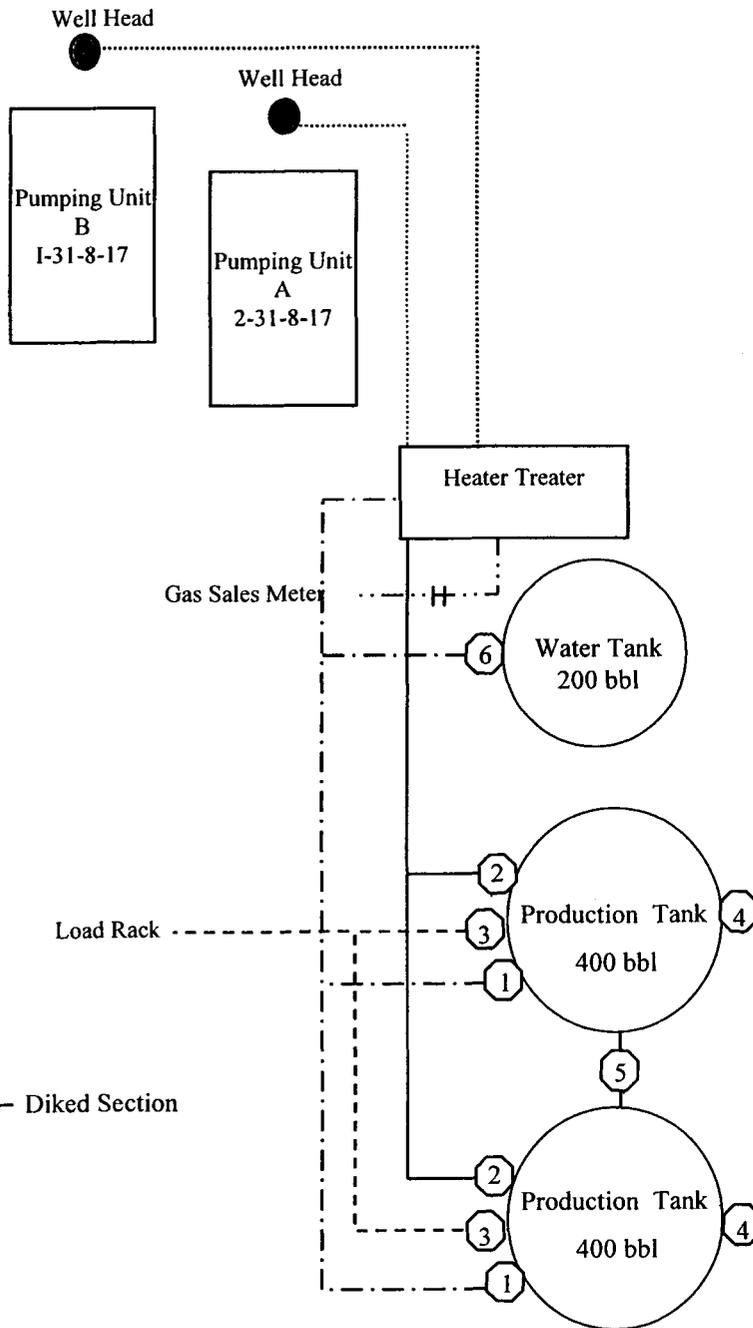
Sand Wash Federal I-31-8-17

From the 2-31-8-17 Location

NW/NE Sec. 31 T8S, 17E

Duchesne County, Utah

UTU-74869



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

Production Phase:

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

Sales Phase:

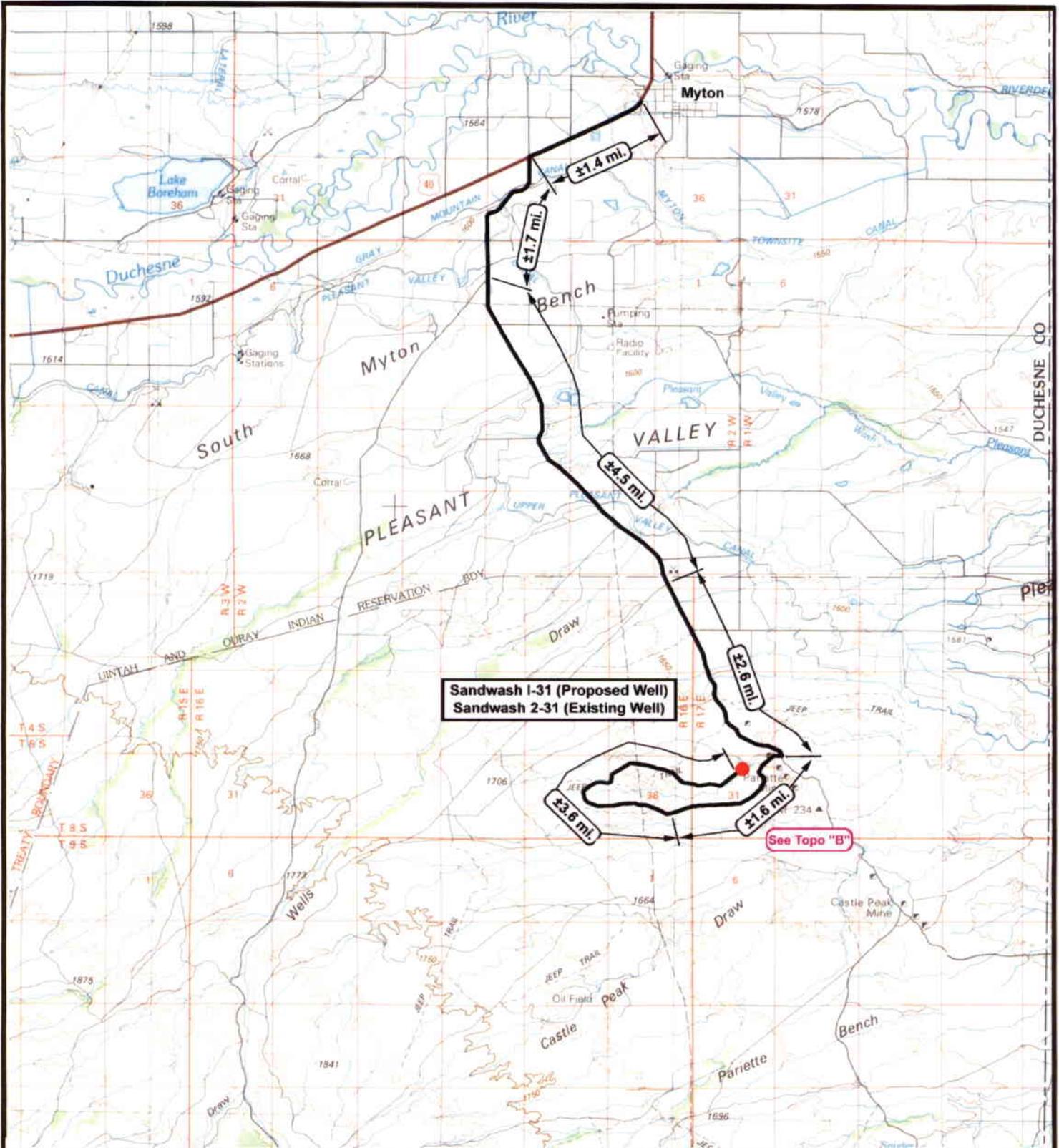
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open

Legend

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





NEWFIELD
 Exploration Company

Sandwash I-31-8-17 (Proposed Well)
Sandwash 2-31-8-17 (Existing Well)
 Pad Location: NWNE Sec. 31, T8S, R17E, S.L.B.&M.




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

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

Legend

 Existing Road

TOPOGRAPHIC MAP
"A"



NEWFIELD
Exploration Company

Sandwash I-31-8-17 (Proposed Well)
Sandwash 2-31-8-17 (Existing Well)
 Pad Location: NWE Sec. 31, T8S, R17E, S.L.B.&M.



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

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

Legend

Existing Road

TOPOGRAPHIC MAP

"B"



Sandwash I-31 (Proposed Well)
 Sandwash 2-31 (Existing Well)

Existing Gas Pipeline

 **NEWFIELD**
 Exploration Company

Sandwash I-31-8-17 (Proposed Well)
Sandwash 2-31-8-17 (Existing Well)
 Pad Location: NWNE Sec. 31, T8S, R17E, S.L.B.&M.



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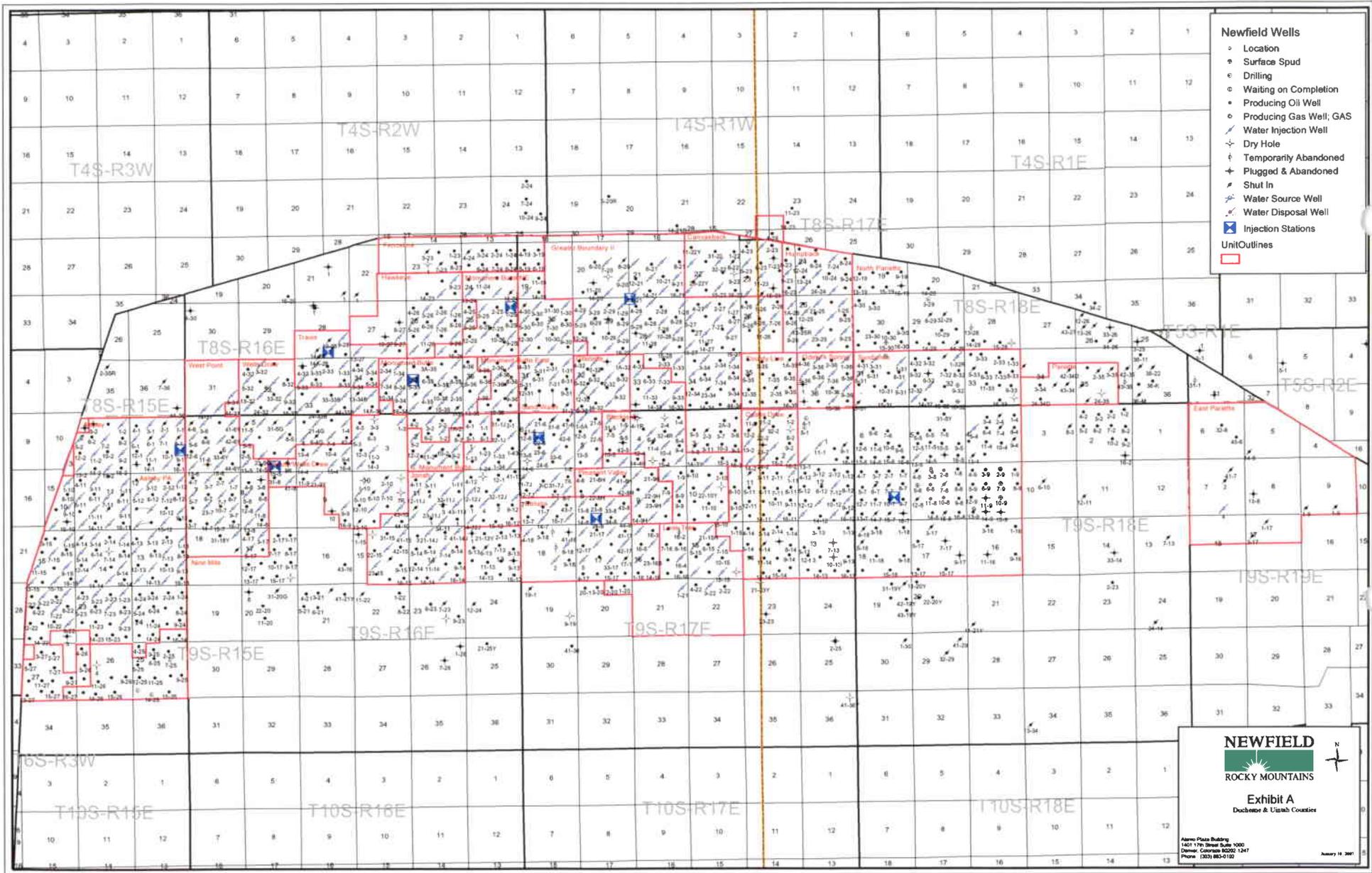
SCALE: 1" = 2,000'
 DRAWN BY: mw
 DATE: 09-18-2007

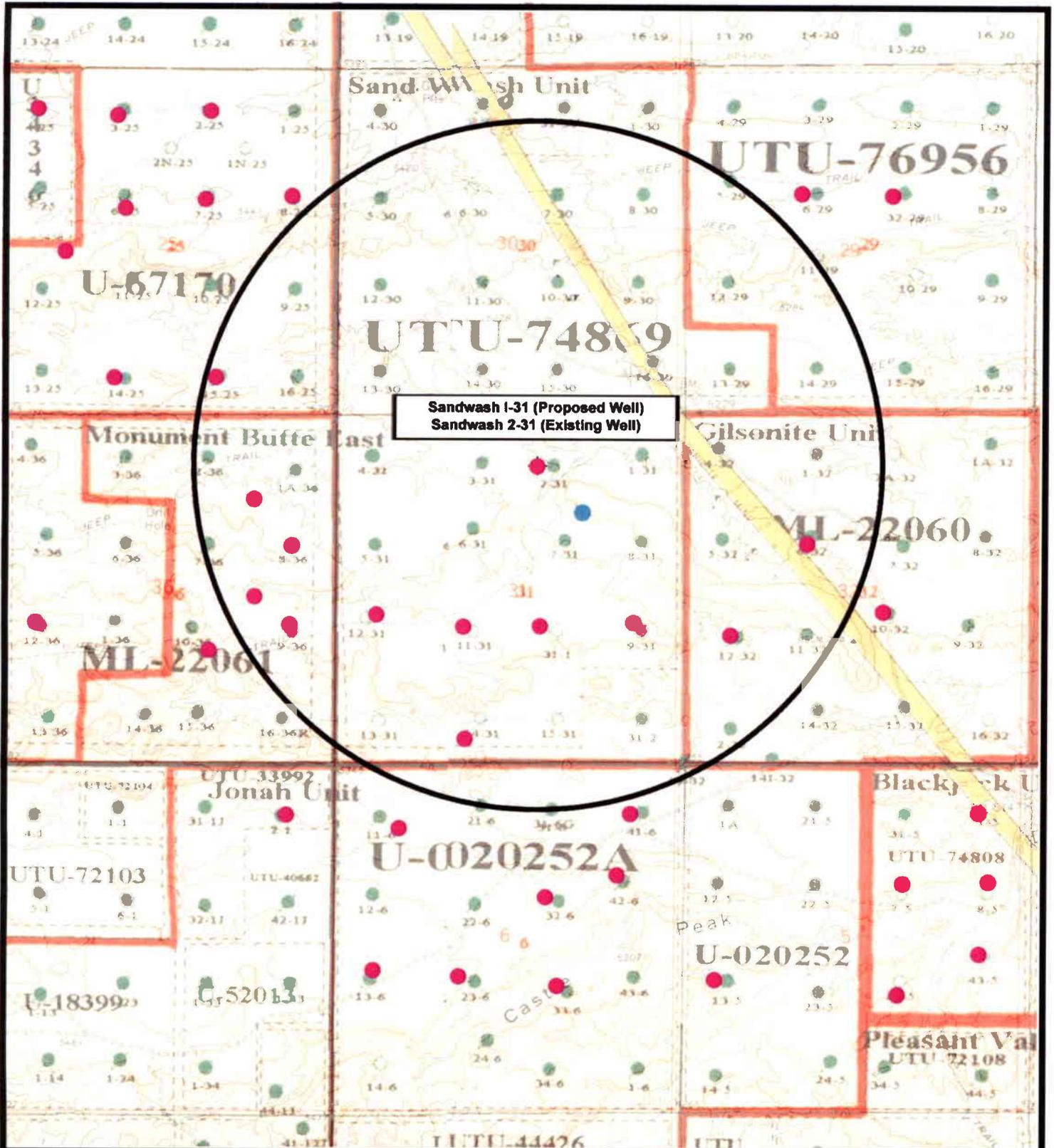
Legend

 Roads

TOPOGRAPHIC MAP

"C"





Sandwash I-31 (Proposed Well)
 Sandwash 2-31 (Existing Well)

 **NEWFIELD**
 Exploration Company

Sandwash I-31-8-17 (Proposed Well)
Sandwash 2-31-8-17 (Existing Well)
 Pad Location: NWNE SEC. 31, T8S, R17E, S.L.B.&M.



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

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

Legend

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

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

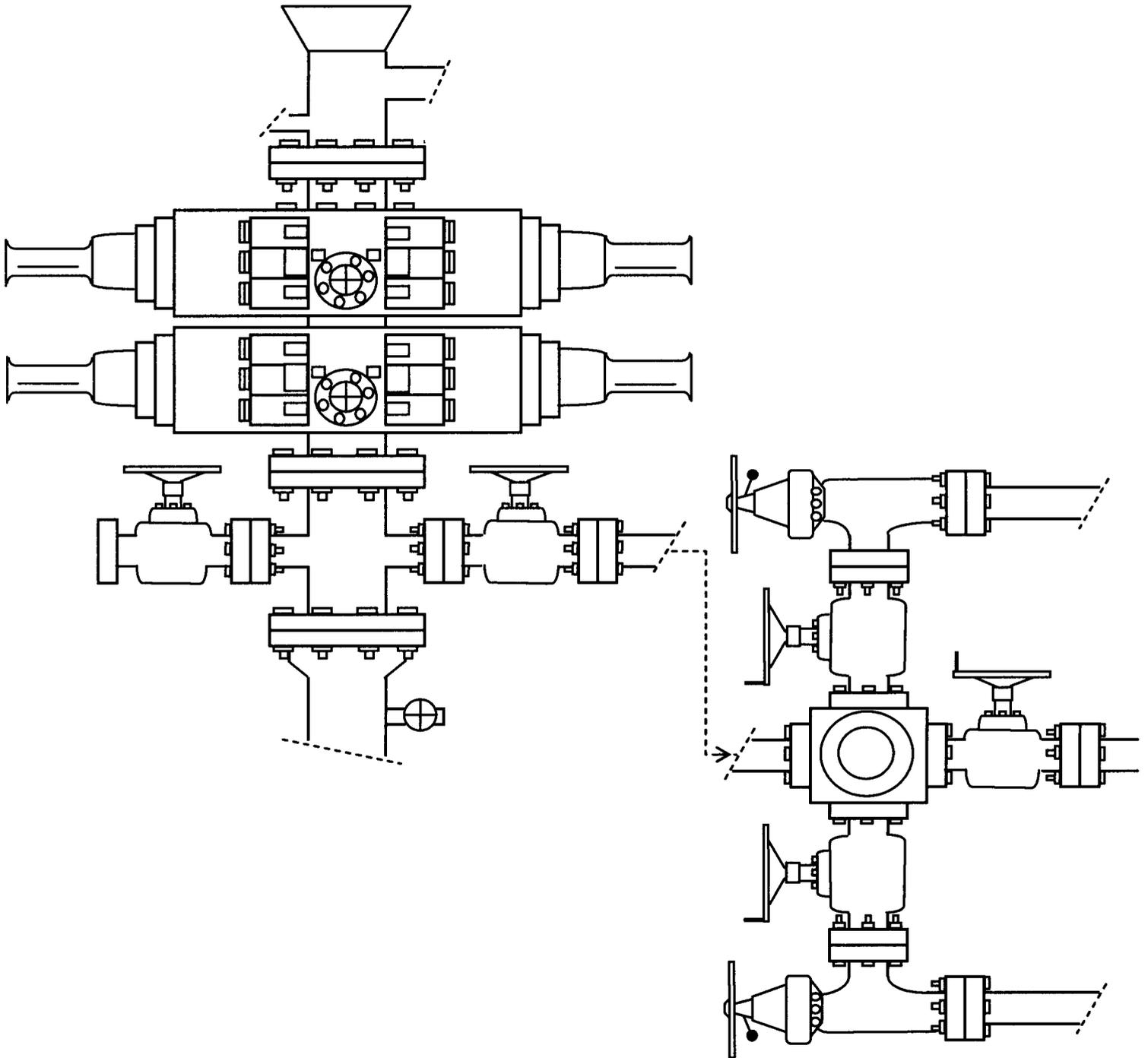


EXHIBIT C

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-74869
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Sand Wash Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Sand Wash Federal I-31-8-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33818
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/NE 805' FNL 2032' FEL At proposed prod. zone NW/NE 1322' FNL 1320' FEL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 15.4 miles south of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 31, T8S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1320' f/lse, 1320' f/unit	16. No. of Acres in lease 1177.07	17. Spacing Unit dedicated to this well 20 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1236'	19. Proposed Depth 6325'	20. BLM/BIA Bond No. on file WYB000493
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- | | |
|---|--|
| 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 10/26/07
Title Regulatory Specialist		
Approved by (Signature):	Name (Printed/Typed) BRADLEY G. HILL	Date 11-29-07
Title Office ENVIRONMENTAL MANAGER		

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

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

*(Instructions on reverse)

Surf 581313X
44368054
40.079488
110.046332

BLL 581532X
44366504
40.078071
110.043784

Federal Approval of this
Action is Necessary

RECEIVED
NOV 20 2007
DIV. OF OIL, GAS & MINING

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/20/2007

API NO. ASSIGNED: 43-013-33818

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

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

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

NWNE 31 080S 170E
 SURFACE: 0805 FNL 2032 FEL
 BOTTOM: 1322 FNL 1320 FEL
 COUNTY: DUCHESNE
 LATITUDE: 40.07949 LONGITUDE: -110.0463
 UTM SURF EASTINGS: 581313 NORTHINGS: 4436805
 FIELD NAME: MONUMENT BUTTE (105)

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

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

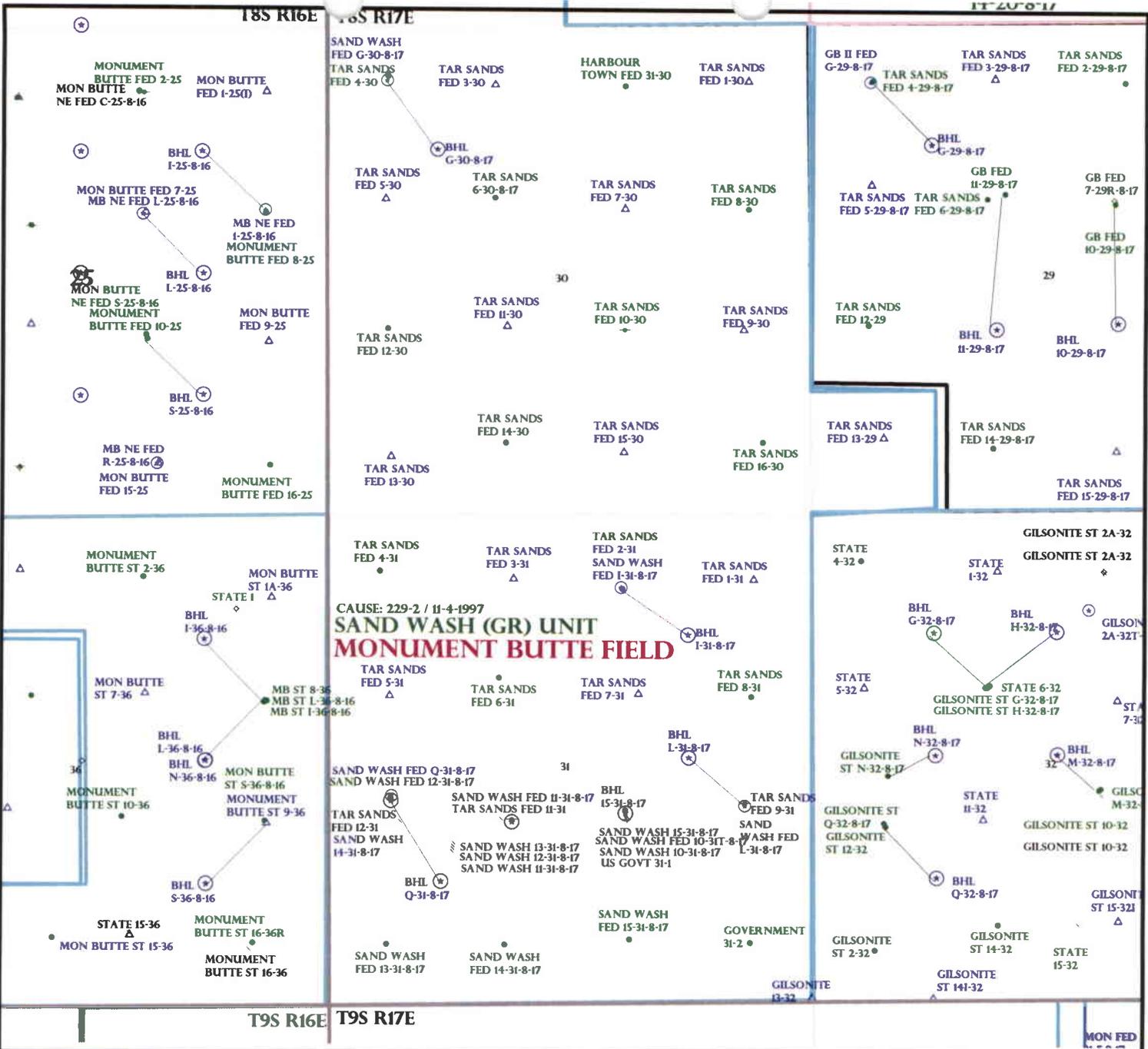
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WYB000493)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-10136)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit: SAND WASH (GRRV)
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 229-2
Eff Date: 11-4-1997
Siting: Suspend General Siting
- R649-3-11. Directional Drill

COMMENTS: See Separate File

STIPULATIONS: 1- See desc of Approval



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 30,31 T.8S R. 17E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 229-2 / 11-4-1997

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

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



PREPARED BY: DIANA MASON
DATE: 29-NOVEMBER-2007

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)

November 29, 2007

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2007 Plan of Development Sand Wash Unit,
Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2007 within the Sand Wash Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-33817	Sand Wash Fed G-30-8-17	Sec 30 T08S R17E 0568 FNL 0665 FWL BHL Sec 30 T08S R17E 1324 FNL 1202 FWL
43-013-33818	Sand Wash Fed I-31-8-17	Sec 31 T08S R17E 0805 FNL 2032 FEL BHL Sec 31 T08S R17E 1322 FNL 1320 FEL
43-013-33819	Sand Wash Fed Q-31-8-17	Sec 31 T08S R17E 2252 FSL 0682 FWL BHL Sec 31 T08S R17E 1323 FSL 1207 FWL

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

/s/ Michael L. Coulthard

bcc: File - Sand Wash Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:11-29-07



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

November 29, 2007

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

Re: Sand Wash Federal I-31-8-17 Well, Surface Location 805' FNL, 2032' FEL, NW NE,
Sec. 31, T. 8 South, R. 17 East, Bottom Location 1322' FNL, 1320' FEL, NW NE,
Sec. 31, T. 8 South, R. 17 East, Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33818.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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



Operator: Newfield Production Company
Well Name & Number Sand Wash Federal I-31-8-17
API Number: 43-013-33818
Lease: UTU-74869

Surface Location: NW NE Sec. 31 T. 8 South R. 17 East
Bottom Location: NW NE Sec. 31 T. 8 South R. 17 East

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

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

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

3. Reporting Requirements

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

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

NOV 20 2007

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.
UTU-74869

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

1a. Type of Work: DRILL REENTER

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

7. If Unit or CA Agreement, Name and No.
Sand Wash Unit

8. Lease Name and Well No.
Sand Wash Federal I-31-8-17

2. Name of Operator
Newfield Production Company

9. API Well No.
43013 33818

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

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

10. Field and Pool, or Exploratory
Monument Butte

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface NW/NE 805' FNL 2032' FEL
At proposed prod. zone 1430' FNL 1098' FEL

11. Sec., T., R., M., or Blk. and Survey or Area
Sec. 31, T8S R17E

14. Distance in miles and direction from nearest town or post office*
Approximatley 15.4 miles south of Myton, Utah

12. County or Parish
Duchesne

13. State
UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1098' //lse, 1098' //unit

16. No. of Acres in lease
1177.07

17. Spacing Unit dedicated to this well
20 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1236'

19. Proposed Depth
6325'

20. BLM/BIA Bond No. on file
WYB000493

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5264' GL

22. Approximate date work will start*
1st Quarter 2008

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

24. Attachments

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

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.
- 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- 5. Operator certification.
- 6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature
Mandie Crozier
Title
Regulatory Specialist

Name (Printed/Typed)
Mandie Crozier

Date
2/14/08

Approved by (Signature)
Jerry Kenicka
Title
Assistant Field Manager
Lands & Mineral Resources

Name (Printed/Typed)
JERRY KENICKA

Office
VERNAL FIELD OFFICE

AUG 27 2008

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

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

*(Instructions on reverse)

NOTICE OF APPROVAL CONDITIONS OF APPROVAL ATTACHED RECEIVED

SEP 02 2008

DIV. OF OIL, GAS & MINING



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

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Sand Wash Federal I-31-8-17
API No: 43-013-33818

Location: NWNE Sec 31, T8S, R17E
Lease No: UTU-74869
Agreement: Sand Wash Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	(435) 828-4029
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

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

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

NOTIFICATION REQUIREMENTS

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

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

General Surface COAs

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

Specific Surface COAs

STIPULATIONS:

- The proposed area contains Mountain plover habitat. With this occurrence there will be a timing restriction during project activity (construction and drilling) to minimize disturbance to **Mountain plover nesting from May 15 – June 15.**

Lease Notices (field review and RMP):

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

Comments:

- If it is anticipated that construction or drilling will occur during the given timing restrictions for any wildlife, a BLM or qualified biologist shall be notified so surveys can be conducted. Depending upon the results of the surveys, permission to proceed may or may not be recommended or granted (depending on the species being surveyed and the condition of the habitat).

Follow-up Actions and/or Recommendations:

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

Based on the previous field exam and existing data, and if all timing restrictions are adhered to then, it is my opinion that a no effect situation exists for Special Status Wildlife Species with the construction and drilling of this proposed drill site. Therefore, this site is cleared from a Special Status Wildlife Species perspective.

CONDITIONS OF APPROVAL:

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

- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, a detailed Interim and Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. If Reclamation Plan is acceptable, the AO will provide written approval or concurrence within 30 calendar days of receipt.

Interim Reclamation:

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

Seed mix:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	<i>Elymus elymoides</i>	3.0	¼ - ½"
Siberian wheatgrass	<i>Agropyron fragile</i>	1.0	½"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	½"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	½"
Gardner's saltbush	<i>Atriplex gardneri</i>	0.50	½"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	⅛ - ¼"
Forage Kochia	<i>Kochia prostrata</i>	0.10	⅛ - ¼"

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

Final reclamation:

- Once the location is plugged and abandoned, the well location, access, and any disturbed areas shall be recontoured to natural topography, topsoil shall be respread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. Final seed mix: same as interim.
- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.

- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- None

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

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

well is completed.

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

OPERATING REQUIREMENT REMINDERS:

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

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

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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: Newfield Production Company

Well Name: Sand Wash Fed I-31-8-17

API No: 43-013-33818 Lease Type: Federal

Section 31 Township 08S Range 17E County Duchesne

Drilling Contractor NDSI Rig # NS # 1

SPUDED:

Date 10-20-08

Time 8:30 AM

How Dry

Drilling will Commence: _____

Reported by Don Bastian

Telephone # 435-823-6010

Date 10-20-08 Signed RM

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

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3530
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A B	99999	17156	4301333997	FEDERAL 7-20-8-16	NWSE	20	8S	16E	DUCHESNE	10/16/2008	10/28/08
WELL 1 COMMENTS: <i>GRUV</i>											
A	99999		4304739000	GUSHER FEDERAL 8-3-6-20	SENE	30	6S	20E	UINTAH	10/18/2008	
B	99999	12308	4301333818	SANDWASH FEDERAL 1-31-8-17	NWNE	31	8S	17E	DUCHESNE	10/20/2008	10/28/08
WELL 4 COMMENTS: <i>GRUV</i> <i>BAL = NWNE</i>											
A	99999	17157	4304739449	FEDERAL 1-23-9-17	NENE	23	9S	17E	UINTAH	10/22/2008	10/28/08
WELL 5 COMMENTS: <i>GRUV</i>											
WELL 6 COMMENTS:											
WELL 7 COMMENTS:											

- 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 - 1 in 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 the COMMENT section to explain why each Action Code was selected.

[Signature]
 Signature
 Production Clerk
 JENTRI PARK
 10/23/08
 Date

RECEIVED

OCT 23 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
805 FNL 2032 FEL
NWNE Section 31 T8S R17E

5. Lease Serial No.

USA UTU-74869

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
SAND WASH FEDERAL I-31-8-17

9. API Well No.
4301333818

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

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

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

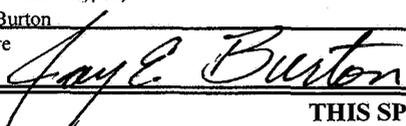
13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical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

On 10/20/08 MIRU NDSI NS # 1. Spud well @ 8:30am. Drill 320' of 121/4" hole with air mist. TIH w/7 jt's 85/8" j-55 24# csgn. set @ 324.08KB. On 10/22/08 cement with 160 sks of class "G" w/ 3% CaCl2 + 1/4# sk Cello-Flake mixed @15.8 ppg>1.17 cf/sk yeild. Returned 4 bbls cement to pit. Woc.

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

Jay Burton

Signature



Title

Drilling Foreman

Date

10/22/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____

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

Title

Date

Office

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

(Instructions on page 2)

RECEIVED

OCT 27 2008

DIV. OF OIL, GAS & MINING

8 5/8 CASING SET AT 324.08

LAST CASING 8 5/8" SET AT 324.64'
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 320 LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
 WELL Sand Wash Fed I-31-8-17
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS # 1

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 44.61'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	312.23
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			314.08
TOTAL LENGTH OF STRING		314.08	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			324.08
TOTAL		312.23	7				
TOTAL CSG. DEL. (W/O THRDS)		312.23	7	} COMPARE			

TIMING	1ST STAGE					
BEGIN RUN CSG.	Spud	10/20/2008	8:30 AM	GOOD CIRC THRU JOB	YES	
CSG. IN HOLE		10/20/2008	4:00 PM	Bbls CMT CIRC TO SURFACE	4	
BEGIN CIRC		10/22/2008	8:33 AM	RECIPROCATED PIPE FOR	N/A	
BEGIN PUMP CMT		10/22/2008	8:41 PM			
BEGIN DSPL. CMT		10/22/2008	8:52 AM	BUMPED PLUG TO	400	PSI
PLUG DOWN		10/22/2008	9:00 PM			

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

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

COMPANY REPRESENTATIVE Jay Burton DATE 10/22/2008

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
805 FNL 2032 FEL
NWNE Section 31 T8S R17E

5. Lease Serial No.

USA UTU-74869

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
SAND WASH FEDERAL I-31-8-17

9. API Well No.
4301333818

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

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

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

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat 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 recompleat 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 10/30/08 MIRU Patterson 52. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 289'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6367'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 164 jt's of 5.5 J-55, 15.5# csgn. Set @ 6362.60'/ KB. Cement with 280 sks cement mixed @ 11.0 ppg & 3.43 yld. The 495 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 56 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 110,000 #'s tension. Release rig @ 2:30AM on 11/06/08.

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

Title

Drilling Foreman

Signature

Date

11/08/2008

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

NOV 13 2008

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET @ 6362.6

LAST CASING: 8-5/8" SET @ _____
 DATUM (KB) 12
 DATUM TO CUT OFF CASING 12
 DATUM TO BRADENHEAD FLANGE 12
 DRILLER TD 6367 LOGGER TD 6367
 HOLE SIZE 7-7/8" TOP FLOAT COLLAR @ 6349.35
 TOP SHORT JT @ 4005.91

OPERATOR: Newfield Production Company
 WELL: Sand Wash Federal I-31-8-17
 FIELD/PROSPECT: Monument Butte
 CONTRACTOR & RIG #: Patterson # 52

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
1		Landing Jt	15.5#	J-55	8rd	A	14
163	5 1/2"	LT&C CASING	15.5#	J-55	8rd	A	6337.35
1	5 1/2"	FLOAT COLLAR	-	-	-	A	0.6
1	5 1/2"	LT&C CASING	15.5#	J-55	8rd	A	12.00
1	5 1/2"	GUIDE SHOE					0.65

TOTAL LENGTH OF STRING	6364.6
(-) LANDING JT	14
(-) AMOUNT CUTOFF	0
(+) KB ELEVATION	12
CASING SET DEPTH	6362.6

CASING INVENTORY BAL.	FEET	JTS
TOTAL LENGTH OF STRING	6364.6	164
LESS NON CSG. ITEMS	15.25	-
PLUS FULL JTS. LEFT OUT	198.75	5
TOTAL	6548.1	169
TOTAL CSG. DEL. (W/O THRDS)	6548.10	169

COMPARE (SHOULD BE EQUAL)

CEMENT DATA		TIME	DATE
BEGIN RUN CSG.		1:30 PM	11/5/2008
CSG. IN HOLE		6:30 PM	11/5/2008
BEGIN CIRC		6:50 PM	11/5/2008
BEGIN PUMP CMT		8:17 PM	11/5/2008
BEGIN DSPL. CMT		9:08 PM	11/5/2008
PLUG DOWN		9:35 PM	11/5/2008

GOOD CIRC THRU JOB: Yes
 Bbls CMT CIRC TO SURFACE: 56
 RECIPROCATED PIPE: No
 DID BACK PRES. VALVE HOLD ? Yes
 BUMPED PLUG TO: 2260 PSI

CEMENT USED

CEMENT COMPANY:		BJ
STAGE	# SX	CEMENT TYPE & ADDITIVES
1 (lead)	280	Premium Lite II cement + 0.05 lbs/sack Static Free + 3% bwow Potassium Chloride + 0.5 lbs/sack Cello Flake + 2 lbs/sack Kol Seal + 0.002 gps FP-6L + 10% bwoc Bentonite + 0.5% bwoc Sodium Metasilicate + 5 lbs/sack CSE-2 + 204.7% Fresh Water
2 (tail)	495	(50:50) Poz (Fly Ash): Class G Cement + 0.05 lbs/sack Static Free + 3% bwow Potassium Chloride + 0.5% bwoc EC-1 + 0.25 lbs/sack Cello Flake + 0.002 gps FP-6L + 2% bwoc Bentonite + 0.3% bwoc Sodium Metasilicate + 54.7% Fresh Water

CENTRALIZER & SCRATCHER PLACEMENT (SHOW MAKE & SPACING)

Centralizers - Middle first, top second & third. Then every third collar for a total of 20.

COMPANY REPRESENTATIVE Don Bastian

DATE 11/5/2008

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

5 LEASE DESIGNATION AND SERIAL NUMBER
 USA UTU-74869

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME
 SAND WASH UNIT

8. WELL NAME and NUMBER
 SAND WASH FEDERAL I-31-8-17

9. API NUMBER
 4301333818

10. FIELD AND POOL OR WILDCAT
 MONUMENT BUTTE

1. TYPE OF WELL. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
 NEWFIELD PRODUCTION COMPANY

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

4. LOCATION OF WELL.
 FOOTAGES AT SURFACE 805 FNL 2032 FEL

COUNTY DUCHESNE

OT/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN NWNE, 31, T8S, R17E

STATE UT

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

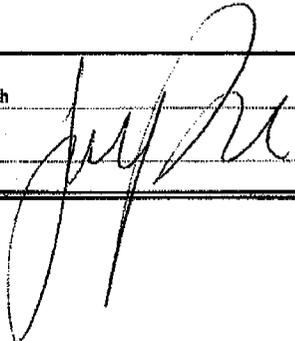
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 11/08/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

On 10/30/08 MIRU Patterson 52. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 289'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6367'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 164 jt's of 5.5 J-55, 15.5# csgn. Set @ 6362.60' KB. Cement with 280 sks cement mixed @ 11.0 ppg & 3.43 yld. The 495 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 56 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 110,000 #'s tension. Release rig @ 2:30AM on 11/06/08.

NAME (PLEASE PRINT) Jim Smith

TITLE Drilling Foreman

SIGNATURE 

DATE 11/08/2008

RECEIVED

JUL 27 2009

(This space for State use only)

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU-74869

6. If Indian, Allottee or Tribe Name
NA

7. Unit or CA Agreement Name and No.
FEDERAL

8. Lease Name and Well No.
SANDWASH FEDERAL I-31-8-17

9. AFI Well No.
43-013-33818

10. Field and Pool or Exploratory
MONUMENT BUTTE

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

12. County or Parish
DUCHESNE

13. State
UT

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

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

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

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface 805' FNL & 2032' FEL (NW/NE) SEC. 31, T8S, R17E
At top prod. interval reported below BHL: 1322' FNL & 1320' FEL (NW/NE)
At total depth ~~6370'~~ 1410' fine 1152' fel per HSM review

14. Date Spudded
06/11/2008

15. Date T.D. Reached
11/05/2008

16. Date Completed 11/26/2008
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5264' GL 5276' KB

18. Total Depth: MD 6367'
TVD 6255'6

19. Plug Back T.D.: MD 6316'
TVD 6212

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#		324'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#		6362'		280 PRIMLITE		42'	
						495 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 @ 6105'	TA @ 6009'						

25. Producing Intervals

Formation	Top	Bottom	Perforation Record	Size	No. Holes	Perf. Status
A) GREEN RIVER			(CP3) 6024-6034'	.49"	4	40
B) GREEN RIVER			(CP2) & (CP1) see below	.49"	4	144 (2 runs)
C) GREEN RIVER			(LODC) 5556-74,5522-32'	.49"	4	112 (2 RUNS)
D) GREEN RIVER			(A3) 5436-5450'	.49"	4	56

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

Depth Interval	Amount and Type of Material
6024-6034'	Frac CP3 w/ 44,954#'s of 20/40 sand in 467 bbls of Lightning 17 fluid.
5854-5902'	Frac CP1 & CP2 sds w/ 80,005#'s of 20/40 sand in 647 bbls of Lightning 17 fluid.
5522-5574'	Frac LODC sds w/ 79,648#'s of 20/40 sand in 646 bbls of Lightning 17 fluid.
5436-5450'	rac A3 sds w/ 44,922#'s of 20/40 sand in 453 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
10/26/08	01/22/09	24	→	63	2	7			"CDI" 2 1/2" X 1 3/4" X 20' RHAC
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

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

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

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28b. Production - Interval C

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

28c. Production - Interval D

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

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

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	3934' 4133'
				GARDEN GULCH 2 POINT 3	4252' 4476'
				X MRKR Y MRKR	4564' 4800'
				DOUGALS CREEK MRK BI CARBONATE MRK	4926' 5160'
				B LIMESTON MRK CASTLE PEAK	5283' 5804'
				BASAL CARBONATE TOTAL DEPTH (LOGGERS)	6233' 6367'

32. Additional remarks (include plugging procedure):

STAGE 2: Perforate CP2 sds @ 5922-38', 5894-5902', CP1 sds 5854-66' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 144 shots (2 runs).
 STAGE 5: Perforate A.5 sds @ 5348-60' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 48 shots. Frac A.5 sds w/ 51,019#'s of 20/40 sand in 472 bbls of Lightning 17 fluid.

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

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

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

Name (please print) Tammi Lee Title Production Clerk
 Signature _____ Date 07/01/2009

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.

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

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

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

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

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

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

At surface 805' FNL & 2032' FEL (NW/NE) SEC. 31, T8S, R17E

At top prod. interval reported below BHL: 1322' FNL & 1320' FEL (NW/NE)

At total depth 6370"

14. Date Spudded
06/11/2008

15. Date T.D. Reached
11/05/2008

16. Date Completed 11/26/2008
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5264' GL 5276' KB

18. Total Depth: MD 6367'
TVD 6255'

19. Plug Back T.D.: MD 6316'
TVD

20. Depth Bridge Plug Set: MD
TVD

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

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

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#		324'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#		6362'		280 PRIMLITE		42'	
						495 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 @ 6105'	TA @ 6009'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER			(CP3) 6024-6034'	.49"	4	40
B) GREEN RIVER			(CP2) & (CP1) see below	.49"	4	144 (2 runs)
C) GREEN RIVER			(LODC) 5556-74,5522-32'	.49"	4	112 (2 RUNS)
D) GREEN RIVER			(A3) 5436-5450'	.49"	4	56

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

Depth Interval	Amount and Type of Material
6024-6034'	Frac CP3 w/ 44,954#'s of 20/40 sand in 467 bbls of Lightning 17 fluid.
5854-5902'	Frac CP1 & CP2 sds w/ 80,005#'s of 20/40 sand in 647 bbls of Lightning 17 fluid.
5522-5574'	Frac LODC sds w/ 79,648#'s of 20/40 sand in 646 bbls of Lightning 17 fluid.
5436-5450'	rac A3 sds w/ 44,922#'s of 20/40 sand in 453 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
10/26/08	01/22/09	24	→	63	2	7			"CDI" 2 1/2" X 1 3/4" X 20' RHAC
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

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

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

NEWFIELD



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 31 T8S R17E
I-31-8-17**

Wellbore #1

Survey: Survey #1

Standard Survey Report

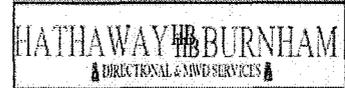
10 November, 2008

HATHAWAY ^{HB} BURNHAM
DIRECTIONAL & MWD SERVICES



Hathaway Burnham

Survey Report



Company:	NEWFIELD EXPLORATION	Local Co-ordinate Reference:	Well I-31-8-17
Project:	USGS Myton SW (UT)	TVD Reference:	I-31-8-17 @ 5279.0ft (RIG 2)
Site:	SECTION 31 T8S R17E	MD Reference:	I-31-8-17 @ 5279.0ft (RIG 2)
Well:	I-31-8-17	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 2003.21 Single User Db

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

Site	SECTION 31 T8S R17E, SEC 31 T8S R17E				
Site Position:		Northing:	7,199,169.00 ft	Latitude:	40° 4' 28.063 N
From:	Lat/Long	Easting:	2,048,214.00 ft	Longitude:	110° 2' 33.522 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.93 °

Well	I-31-8-17					
Well Position	+N/-S	0.0 ft	Northing:	7,200,964.35 ft	Latitude:	40° 4' 46.010 N
	+E/-W	0.0 ft	Easting:	2,046,934.17 ft	Longitude:	110° 2' 49.610 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	0.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	2008/10/22	11.64	65.90	52,581

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.0	0.0	0.0	124.52	

Survey Program	Date 2008/11/10				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
403.0	6,361.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
403.0	0.34	312.78	403.0	0.8	-0.9	-1.2	0.08	0.08	0.00
433.0	0.22	0.94	433.0	0.9	-0.9	-1.3	0.84	-0.40	160.53
464.0	0.40	38.64	464.0	1.1	-0.9	-1.3	0.85	0.58	121.61
495.0	0.68	68.07	495.0	1.2	-0.6	-1.2	1.24	0.90	94.94
525.0	1.01	90.92	525.0	1.3	-0.2	-0.9	1.55	1.10	76.17
556.0	1.63	109.70	556.0	1.1	0.5	-0.2	2.41	2.00	60.58
587.0	2.05	115.97	587.0	0.7	1.4	0.7	1.50	1.35	20.23
617.0	2.70	118.08	616.9	0.2	2.5	2.0	2.19	2.17	7.03
647.0	3.21	116.30	646.9	-0.5	3.9	3.5	1.73	1.70	-5.93
678.0	3.78	110.10	677.8	-1.3	5.6	5.3	2.20	1.84	-20.00
707.0	4.22	109.04	706.8	-1.9	7.5	7.3	1.54	1.52	-3.66
737.0	3.78	110.10	736.7	-2.6	9.5	9.3	1.49	-1.47	3.53



Hathaway Burnham

Survey Report



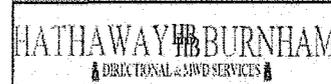
Company:	NEWFIELD EXPLORATION	Local Co-ordinate Reference:	Well I-31-8-17
Project:	USGS Myton SW (UT)	TVD Reference:	I-31-8-17 @ 5279.0ft (RIG 2)
Site:	SECTION 31 T8S R17E	MD Reference:	I-31-8-17 @ 5279.0ft (RIG 2)
Well:	I-31-8-17	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	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)	
767.0	4.00	109.11	766.6	-3.3	11.4	11.3	0.77	0.73	-3.30	
798.0	4.30	110.07	797.6	-4.1	13.5	13.5	0.99	0.97	3.10	
828.0	5.06	110.36	827.4	-4.9	15.8	15.8	2.53	2.53	0.97	
854.0	5.54	114.14	853.3	-5.8	18.0	18.2	2.28	1.85	14.54	
886.0	6.02	115.04	885.2	-7.2	21.0	21.3	1.53	1.50	2.81	
918.0	6.42	120.12	917.0	-8.8	24.0	24.8	2.13	1.25	15.88	
949.0	7.27	121.35	947.8	-10.7	27.2	28.5	2.78	2.74	3.97	
981.0	8.11	121.81	979.5	-12.9	30.9	32.7	2.63	2.63	1.44	
1,013.0	8.62	122.09	1,011.1	-15.4	34.8	37.4	1.60	1.59	0.88	
1,045.0	9.08	120.62	1,042.8	-17.9	39.0	42.3	1.60	1.44	-4.59	
1,077.0	9.36	121.04	1,074.3	-20.6	43.4	47.4	0.90	0.88	1.31	
1,108.0	9.51	120.58	1,104.9	-23.2	47.8	52.5	0.54	0.48	-1.48	
1,145.0	10.02	121.15	1,141.4	-26.4	53.2	58.8	1.40	1.38	1.54	
1,172.0	10.00	120.76	1,168.0	-28.8	57.2	63.4	0.26	-0.07	-1.44	
1,204.0	10.24	122.16	1,199.5	-31.7	62.0	69.1	1.07	0.75	4.38	
1,235.0	10.88	120.25	1,230.0	-34.7	66.8	74.7	2.35	2.06	-6.16	
1,266.0	10.94	121.25	1,260.4	-37.7	71.9	80.6	0.64	0.19	3.23	
1,296.0	10.90	120.81	1,289.9	-40.6	76.8	86.3	0.31	-0.13	-1.47	
1,328.0	10.90	120.81	1,321.3	-43.7	82.0	92.3	0.00	0.00	0.00	
1,362.0	10.96	123.11	1,354.7	-47.1	87.4	98.7	1.29	0.18	6.76	
1,394.0	11.25	123.26	1,386.1	-50.5	92.6	104.9	0.91	0.91	0.47	
1,425.0	11.16	123.85	1,416.5	-53.8	97.6	110.9	0.47	-0.29	1.90	
1,457.0	11.95	124.34	1,447.8	-57.4	102.9	117.3	-2.49	-2.47	1.53	
1,489.0	11.89	124.01	1,479.1	-61.1	108.4	123.9	0.28	-0.19	-1.03	
1,584.0	13.54	123.33	1,571.8	-72.7	125.8	144.8	1.74	1.74	-0.72	
1,679.0	13.71	122.87	1,664.1	-84.9	144.5	167.2	0.21	0.18	-0.48	
1,775.0	12.83	122.34	1,757.6	-96.8	163.1	189.2	0.93	-0.92	-0.55	
1,870.0	11.12	120.56	1,850.5	-107.1	179.9	208.9	1.84	-1.80	-1.87	
1,965.0	10.92	123.20	1,943.7	-116.7	195.3	227.1	0.57	-0.21	2.78	
2,060.0	11.16	126.32	2,037.0	-127.1	210.3	245.2	0.68	0.25	3.28	
2,155.0	12.57	126.93	2,129.9	-138.7	225.9	264.8	1.49	1.48	0.64	
2,250.0	12.63	128.07	2,222.7	-151.3	242.4	285.5	0.27	0.06	1.20	
2,345.0	12.15	124.78	2,315.4	-163.5	258.8	305.8	0.90	-0.51	-3.46	
2,440.0	11.07	124.16	2,408.5	-174.3	274.5	324.9	1.14	-1.14	-0.65	
2,535.0	12.41	127.83	2,501.5	-185.7	290.1	344.2	1.61	1.41	3.86	
2,629.0	13.45	127.94	2,593.1	-198.6	306.7	365.2	1.11	1.11	0.12	
2,724.0	12.06	126.84	2,685.8	-211.3	323.4	386.2	1.49	-1.46	-1.16	
2,819.0	11.27	121.00	2,778.8	-222.1	339.3	405.4	1.49	-0.83	-6.15	
2,914.0	11.36	122.01	2,872.0	-231.8	355.2	424.0	0.23	0.09	1.06	
3,009.0	12.92	120.96	2,964.8	-242.2	372.2	443.9	1.66	1.64	-1.11	
3,104.0	13.93	119.68	3,057.3	-253.3	391.3	465.9	1.11	1.06	-1.35	
3,200.0	13.80	115.50	3,150.5	-264.0	411.6	488.8	1.05	-0.14	-4.35	
3,295.0	13.75	110.85	3,242.7	-272.9	432.4	510.9	1.17	-0.05	-4.89	
3,389.0	12.24	109.37	3,334.3	-280.2	452.2	531.4	1.64	-1.61	-1.57	
3,484.0	12.59	112.06	3,427.1	-287.4	471.3	551.2	0.71	0.37	2.83	
3,579.0	12.00	115.59	3,519.9	-295.6	489.8	571.1	1.01	-0.62	3.72	
3,675.0	11.49	116.26	3,613.9	-304.1	507.4	590.4	0.55	-0.53	0.70	
3,770.0	11.47	119.37	3,707.0	-312.9	524.1	609.2	0.65	-0.02	3.27	
3,865.0	11.36	122.36	3,800.1	-322.6	540.3	627.9	0.63	-0.12	3.15	
3,961.0	10.98	123.87	3,894.3	-332.7	555.9	646.5	0.50	-0.40	1.57	
4,056.0	11.89	125.11	3,987.4	-343.4	571.4	665.4	0.99	0.96	1.31	
4,151.0	11.16	125.81	4,080.5	-354.4	586.8	684.3	0.78	-0.77	0.74	
4,246.0	12.00	123.48	4,173.6	-365.2	602.5	703.4	1.01	0.88	-2.45	
4,342.0	11.23	124.01	4,267.6	-376.0	618.6	722.7	0.81	-0.80	0.55	



Hathaway Burnham

Survey Report



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

Local Co-ordinate Reference: Well I-31-8-17
TVD Reference: I-31-8-17 @ 5279.0ft (RIG 2)
MD Reference: I-31-8-17 @ 5279.0ft (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)
4,437.0	10.85	124.28	4,360.9	-386.2	633.7	740.9	0.40	-0.40	0.28
4,532.0	11.82	127.59	4,454.0	-397.1	648.8	759.6	1.23	1.02	3.48
4,628.0	11.86	127.59	4,548.0	-409.1	664.4	779.2	0.04	0.04	0.00
4,723.0	11.43	127.88	4,641.0	-420.9	679.5	798.4	0.46	-0.45	0.31
4,818.0	10.85	130.53	4,734.2	-432.5	693.8	816.7	0.81	-0.61	2.79
4,913.0	11.36	132.84	4,827.4	-444.6	707.4	834.8	0.71	0.54	2.43
5,008.0	10.68	132.18	4,920.7	-456.9	720.8	852.8	0.73	-0.72	-0.69
5,103.0	10.94	132.29	5,014.0	-468.9	734.0	870.5	0.27	0.27	0.12
5,199.0	9.40	132.75	5,108.5	-480.3	746.5	887.3	1.61	-1.60	0.48
5,293.0	8.72	136.18	5,201.3	-490.7	757.1	901.8	0.92	-0.72	3.65
5,388.0	9.69	132.73	5,295.1	-501.3	767.9	916.8	1.17	1.02	-3.63
5,392.5	9.69	132.75	5,299.6	-501.8	768.5	917.6	0.12	-0.09	0.49
I-31-8-17 TGT									
5,484.0	9.60	133.20	5,389.7	-512.3	779.7	932.7	0.12	-0.09	0.49
5,579.0	10.30	132.60	5,483.3	-523.5	791.7	948.9	0.74	0.74	-0.63
5,674.0	10.57	129.02	5,576.7	-534.7	804.7	966.0	0.74	0.28	-3.77
5,770.0	9.65	130.82	5,671.2	-545.5	817.7	982.8	1.01	-0.96	1.88
5,870.0	9.16	133.06	5,769.9	-556.4	829.8	999.0	0.61	-0.49	2.24
5,968.0	9.16	134.44	5,866.6	-567.2	841.1	1,014.4	0.22	0.00	1.41
6,060.0	8.59	131.79	5,957.5	-576.9	851.4	1,028.4	0.76	-0.62	-2.88
6,155.0	7.91	134.58	6,051.6	-586.2	861.4	1,041.9	0.83	-0.72	2.94
6,251.0	7.09	136.71	6,146.7	-595.2	870.2	1,054.2	0.90	-0.85	2.22
6,361.0	7.06	136.21	6,255.9	-605.0	879.5	1,067.5	0.06	-0.03	-0.45

Checked By: _____ Approved By: _____ Date: _____