

NEWFIELD



April 4, 2005

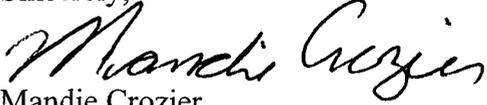
State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: 5-1-9-17, 3-24-8-17, 4-24-8-17, and 6-24-8-17. ✓

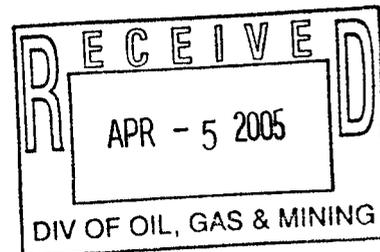
Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 3-24-8-17 and 4-24-8-17 are Exception Locations. Our Land Department will send you the required Exception Location Letter. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,


Mandie Crozier
Regulatory Specialist

mc
enclosures



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-45431

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

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

8. Lease Name and Well No.
Humpback Federal 3-24-8-17

9. API Well No.
43-047-36504

10. Field and Pool, or Exploratory
Monument Butte 105

11. Sec., T., R., M., or Blk. and Survey or Area
NE/NW Sec. 24, T8S R17E

12. County or Parish
Uintah

13. State
UT

1a. Type of Work: DRILL REENTER

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

2. Name of Operator
Newfield Production Company

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface NE/NW Lot#3 200' FNL 1981' FWL 588910X 40.10877
At proposed prod. zone 4440141Y -109.95679

14. Distance in miles and direction from nearest town or post office*
Approximatley 17.2 miles southeast of Myton, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 220' f/lse, 200' f/unit
Approx. 1127'

16. No. of Acres in lease
548.53

17. Spacing Unit dedicated to this well
Approx. 40 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1127'

19. Proposed Depth
6400'

20. BLM/BIA Bond No. on file
UT0056

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
4985' GL

22. Approximate date work will start*
3rd Quarter 2005

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

24. Attachments

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

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

25. Signature *Mandie Crozier* Name (Printed/Typed) Mandie Crozier Date 4/4/05

Title Regulatory Specialist

Approved by (Signature) *Bradley G. Hill* Name (Printed/Typed) BRADLEY G. HILL Date 12-05-05

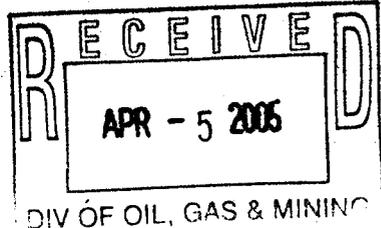
Title Office ENVIRONMENTAL SCIENTIST III

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

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

*(Instructions on reverse)

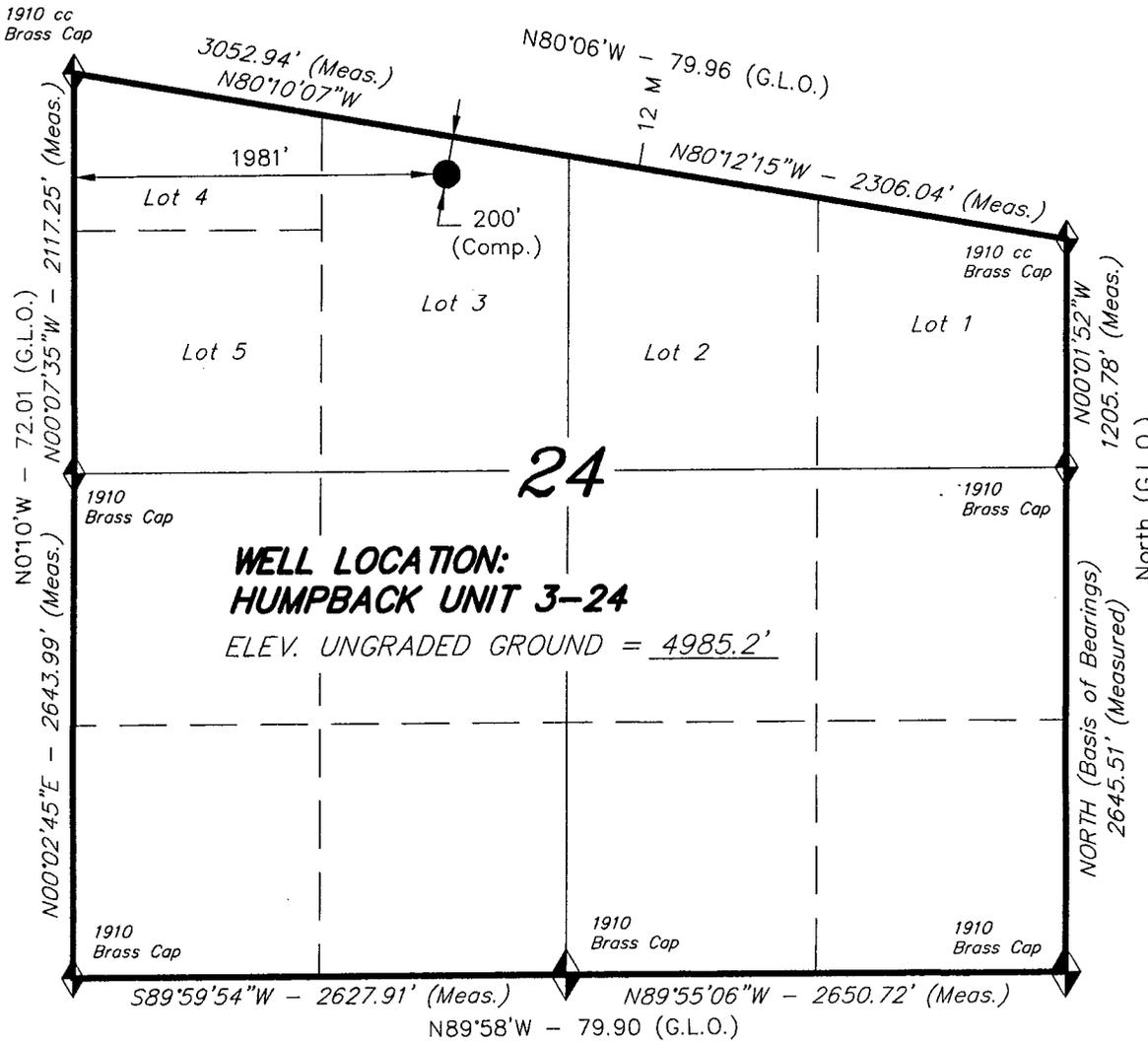
Federal Approval of this
Action is Necessary



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

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, HUMPBACK UNIT 3-24,
 LOCATED AS SHOWN IN LOT 3 OF
 SECTION 24, T8S, R17E, S.L.B.&M.
 Uintah County, Utah.



- Note:*
1. Well Footages are Measured at Right Angles to the Section Lines.
 2. The well location bears $S74^{\circ}35'24''E$ 2056.50' from the Northwest Corner of Section 24.

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. STEWART
 REGISTRATION No. 189377
 STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
SCALE: 1" = 1000'	SURVEYED BY: C.M.
DATE: 11-8-04	DRAWN BY: F.T.M.
NOTES:	FILE #

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

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 04/05/2005

API NO. ASSIGNED: 43-047-36504

WELL NAME: HUMPBAC FED 3-24-8-17
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NENW 24 080S 170E
 SURFACE: 0200 FNL 1981 FWL
 BOTTOM: 0200 FNL 1981 FWL
 UINTAH
 MONUMENT BUTTE (105)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-45431
 SURFACE OWNER: 1 - Federal
 PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

LATITUDE: 40.10877
 LONGITUDE: -109.9568

RECEIVED AND/OR REVIEWED:

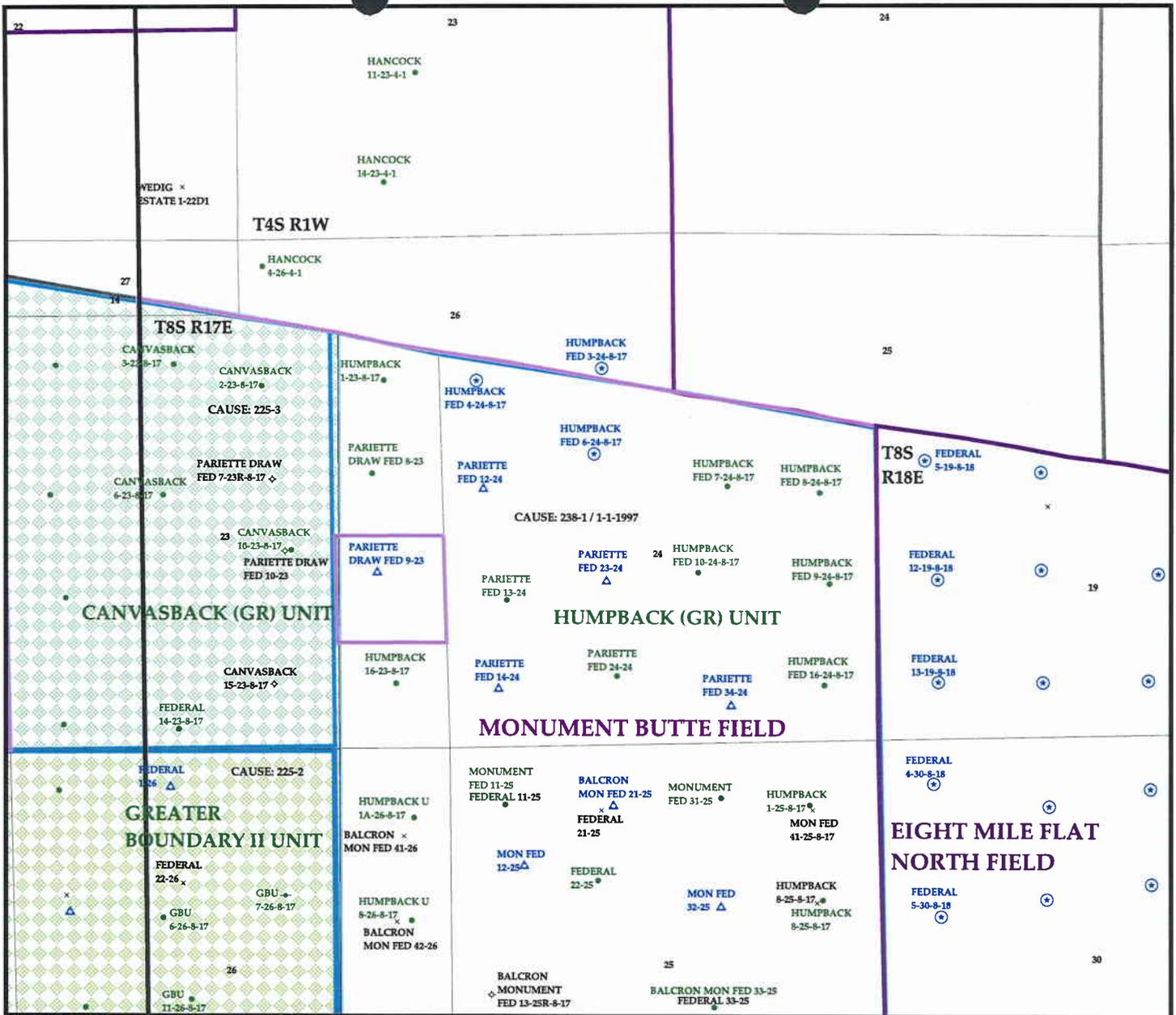
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTU0056)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. MUNICIPAL)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

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

COMMENTS: SOP, Seperate file

STIPULATIONS: 1- Federal Approval



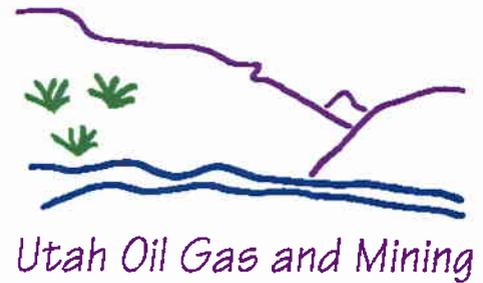
OPERATOR- NEWFIELD PROD CO (N2695)

SEC. 24 T.8S R.17E

FIELD: MONUMENT BUTTE (105)

COUNTY: UINTAH

CAUSE: 238-1 / 1-1-1997



Wells

- ⚡ 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

Units.shp

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

Fields.shp

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED



PREPARED BY: DIANA WHITNEY
DATE: 08-APRIL-2005

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)

April 8, 2005

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2005 Plan of Development Humpback Unit,
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Humpback Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
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(Proposed PZ Green River)

43-047-36504 Humpback Fed 3-24-8-17 Sec 24 T08S R17E 0200 FNL 1981 FWL

43-047-36501 Humpback Fed 4-24-8-17 Sec 24 T08S R17E 0350 FNL 0456 FWL

43-047-36497 Humpback Fed 6-24-8-17 Sec 24 T08S R17E 1244 FNL 1898 FWL

Our records indicate the 3-24-8-17 and the 4-24-8-17 are closer than 460 feet from the Humpback Unit boundary.

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

/s/ Michael L. Coulthard

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

MCoulthard:mc:4-8-05

NEWFIELD



November 30, 2005

Utah Division of Oil, Gas & Mining
P.O. Box 145801
Attn: Diana Whitney
Salt Lake City, Utah 84114-5801

Re: Exception Location: Federal 3-24-8-17
200' FNL, 1981' FWL in NENW
Uintah Cty., Utah; Lease UTU-45431

Dear Ms. Whitney:

Pursuant to Cause Order 238-1 (Humpback Unit) Newfield Production Company, Inc. hereby requests an exception location for the drilling of the captioned well.

The attached plat depicts the proposed drillsite location and illustrates the deviation from the drilling window. The requested location has been selected in order to avoid a drainage area.

Please note the location is completely within Federal lease UTU-45431. The drillsite lease is owned by Newfield Production Company. The drillsite lease is owned by Newfield Production Company, Carrkel Oil Partnership, Thomas J. Lambert, Larry R. Simpson, Vaughey & Vaughey, Montana & Wyoming Oil Co., John R. Warne, Bonnie B. Warne, Great Northern Drilling Co. and Lambert Trust. We have contacted all pertinent parties' and all consents to this location are attached. The adjacent land encroached upon, specifically - Lot 1, T4S-R1W, is owned entirely by Newfield Production Company.

If you have any questions or need additional information please contact me at (303)-382-4448. Thank you for your assistance in this matter.

Sincerely,
NEWFIELD PRODUCTION COMPANY

Laurie Deseau
Properties Administrator

RECEIVED
DEC 05 2005

DIV. OF OIL, GAS & MINING

Form 3160-J
(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-45431

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

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

8. Lease Name and Well No.
Humpback Federal 3-24-8-17

9. API Well No.

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
NE/NW Sec. 24, T8S R17E

12. County or Parish
Utah

13. State
UT

1a. Type of Work: DRILL REENTER

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

2. Name of Operator
Newfield Production Company

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface NE/NW Lot#3 200' FNL 1981' FWL
At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*
Approximately 17.2 miles southeast of Myton, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drng. unit line, if any) Approx. 220' /160, 200' /unit
Approx. 1127'

16. No. of Acres in lease
548.53

17. Spacing Unit dedicated to this well
Approx. 40 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.
Approx. 1127'

19. Proposed Depth
6400'

20. BLM/BIA Bond No. on file
UT0056

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
4985' GL

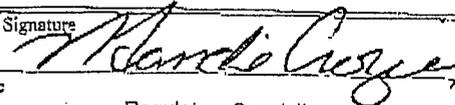
22. Approximate date work will start*
3rd Quarter 2005

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

24. Attachments

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

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

25. Signature  Name (Printed/Typed) Mandie Crozier Date 4/14/05

Title Regulatory Specialist

Approved by (Signature) _____ Name (Printed/Typed) _____ Date _____

Title _____ Office _____

Application approval 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.
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 in any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

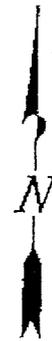
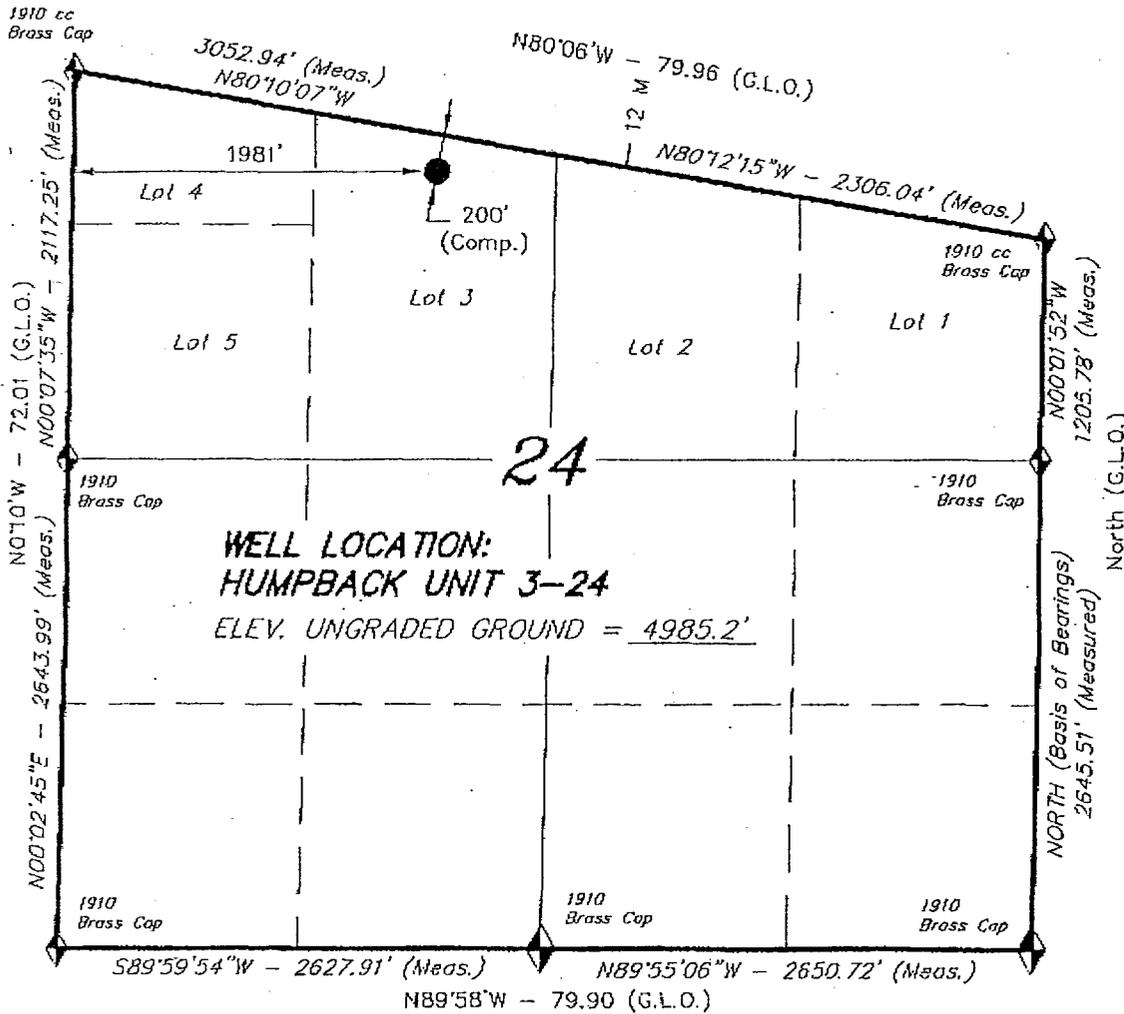
*(Instructions on reverse)

RECEIVED
DEC 05 2005

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

NEWFIELD PRODUCTION COMPANY

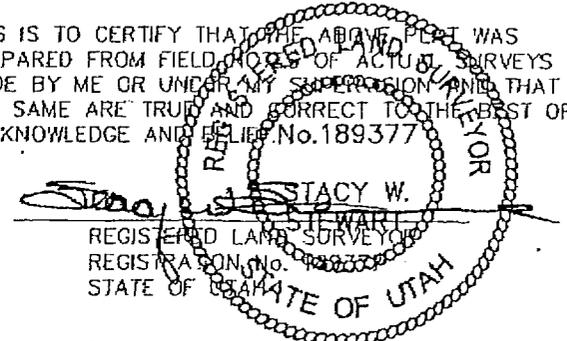
WELL LOCATION, HUMPBACK UNIT 3-24,
 LOCATED AS SHOWN IN LOT 3 OF
 SECTION 24, T8S, R17E, S.L.B.&M.
 UTAH COUNTY, UTAH.



- Note:
1. Well Footages are Measured at Right Angles to the Section Lines.
 2. The well location bears S74°35'24"E 2056.50' from the Northwest Corner of Section 24.

**WELL LOCATION:
 HUMPBACK UNIT 3-24**
 ELEV. UNGRADED GROUND = 4985.2'

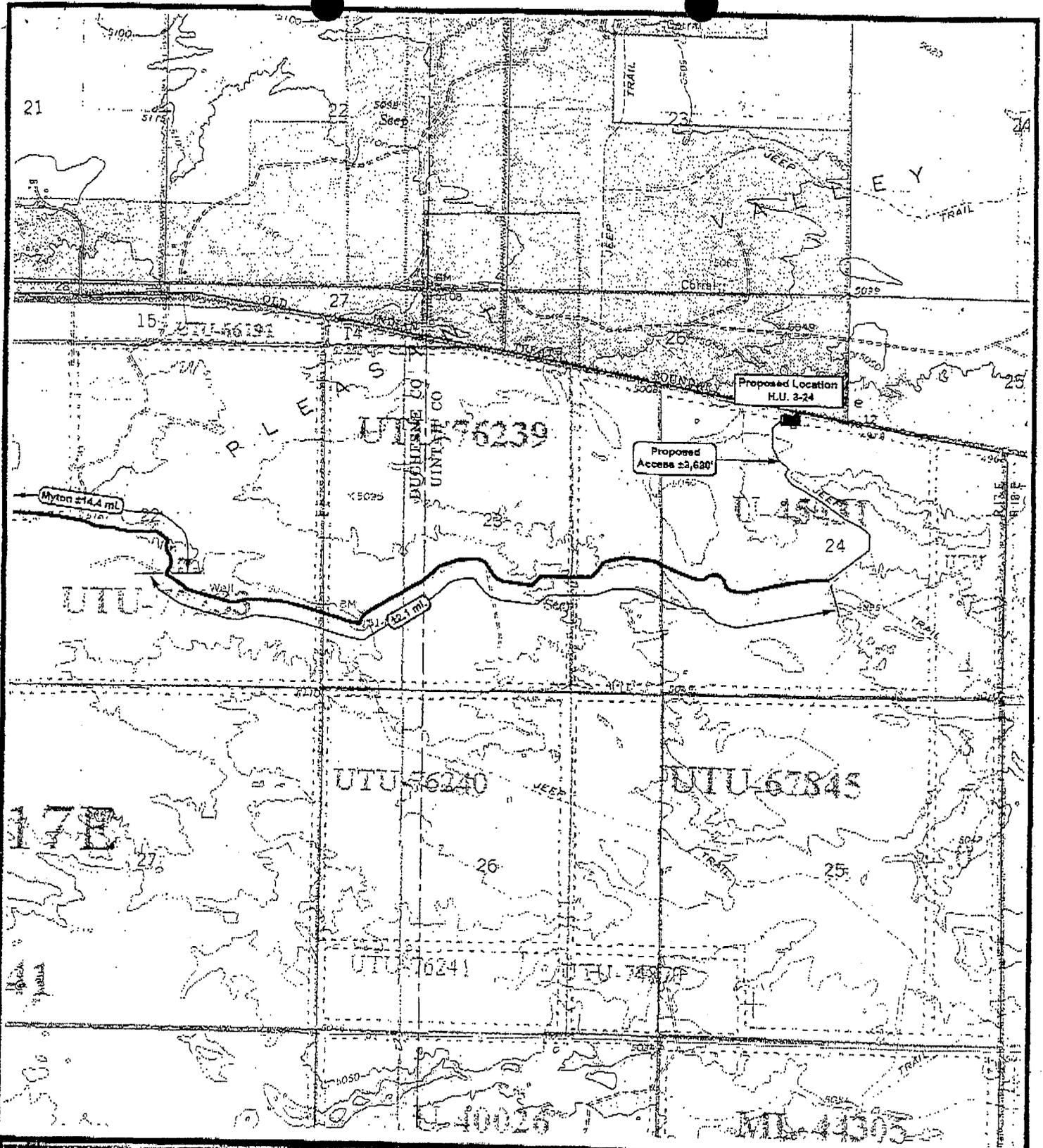
THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. No. 189377



TRI STATE LAND SURVEYING & CONSULTING 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
SCALE: 1" = 1000'	SURVEYED BY: C.M.
DATE: 11-8-04	DRAWN BY: F.T.M.
NOTES:	FILE #

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

04/04/2005 12:48 4356463031 INLAND PAGE 03



NEWFIELD
Exploration Company

Humpback Unit 3-24
SEC. 24, T8S, R17E, S.L.B.&M.

7th State
Land Surveying Inc.
(435) 781-2501
39 West 100 North Vernal, Utah 84078

SCALE: 1" = 2000'
DRAWN BY: MW
DATE: 11-09-2004

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"B"

To: Newfield Production Company
Attn: Laurie Deseau

Fax: 303-893-0103

RE: Exception Location: 3-24-8-17

Please be advised that Carrkel Oil Partnership does not have an objection to the proposed location of the aforementioned well.

By: *Larry R. Simpson*
Larry R. Simpson, Manager
Print Name and Title

Date: *April 26 2005*

To: Newfield Production Company
Attn: Laurie Deseau

Fax: 303-893-0103

RE: Exception Location: 3-24-8-17

Please be advised that Thomas Lambert does not have an objection to the proposed location of the
aforementioned well.

By: 

THOMAS LAMBERT
Print Name and Title
MICHAEL LAMBERT
ROBERT LAMBERT

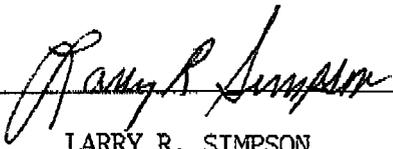
Date: 4/24/05

To: Newfield Production Company
Attn: Laurie Deseau

Fax: 303-893-0103

RE: Exception Location: 3-24-8-17

Please be advised that Larry R. Simpson does not have an objection to the proposed location of the aforementioned well.

By: 
LARRY R. SIMPSON
Print Name and Title

Date: 4-23-05

*Typed Retn
4/25/05*

**To: Newfield Production Company
Attn: Laurie Deseau**

Fax: 303-893-0103

RE: Exception Location: 3-24-8-17

Please be advised that Vaughney & Vaughney does not have an objection to the proposed location of the aforementioned well.

By: *CH Williams*
CH WILLIAMS JR
Print Name and Title
ATTORNEY IN FACT

Date: 4/25/05

To: Newfield Production Company
Attn: Laurie Deseau

Fax: 303-893-0103

RE: Exception Location: 3-24-8-17

Please be advised that Montana & Wyoming Oil Co. does not have an objection to the proposed location of the aforementioned well.

By: RC Balsam Jr

Date: 4-25-05

Robert C. Balsam Jr. - President
Print Name and Title

11/29/2005 10:34 3033824454

NEWFIELD ROCKY MTNS

PAGE 04

To: Newfield Production Company
Attn: Laurie Deseau

Fax: 303-893-0103

RE: Exception Location: 3-24-8-17

Please be advised that Bonnie Warne does not have an objection to the proposed location of the
aforementioned well.

By: Bonnie Warne

Date: Nov. 29 2005

Bonnie Warne, owner
Print Name and Title

To: Newfield Production Company
Attn: Laurie Deseau

Fax: 303-893-0103

RE: Exception Location: 3-24-8-17

Please be advised that Great Northern Drilling Co. does not have an objection to the proposed location of the aforementioned well.

By: Sherril L. Keeling
Sherril L. Keeling Secretary/Treasurer
Print Name and Title

Date: 4/27/05

To: Newfield Production Company
Attn: Laurie Deseau

Fax: 303-893-0103

RE: Exception Location: 3-24-8-17

Please be advised that Lambert Trust does not have an objection to the proposed location of the
aforementioned well.

By: Robert Sumner
LAMBERT TRUST
Print Name and Title

Date: 5/23/05

NEWFIELD PRODUCTION COMPANY
HUMPBAC FEDERAL #3-24-8-17
NE/NW (LOT #3) SECTION 24, T8S, R17E
UINTAH COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' - 2460'
Green River	2460'
Wasatch	6400'

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

Green River Formation 2460' - 6400' - 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
HUMPBAC FEDERAL #3-24-8-17
NE/NW (LOT #3) SECTION 24, T8S, R17E
UINTAH COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Humpback Federal #3-24-8-17 located in the NE 1/4 NW 1/4 Section 24, T8S, R17E, Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 9.1 miles \pm to its junction with an existing road to the east; proceed easterly - 3.7 miles \pm to its junction with an existing road to the southeast; proceed easterly - 2.1 miles \pm to its junction with the beginning of the proposed access road; proceed northeasterly and then northwesterly along the proposed access road 3,630' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

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

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #05-04, 1/7/05. Paleontological Resource Survey prepared by, Wade E. Miller, 3/8/05. See attached report cover pages, Exhibit "D".

For the Humpback Federal #3-24-8-17 Newfield Production Company requests 3630' of disturbed area be granted in Lease UTU-45431 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 770' of disturbed area be granted in Lease UTU-45431 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 670' of disturbed area be granted in Lease UTU-45431 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

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

Ferruginous Hawk: Due to this proposed well location's proximity (less than 0.5 mile) to an existing inactive ferruginous hawk nest site, no new construction or surface disturbing activities will be allowed between March 1 and July 31. If the nest remains inactive on May 30th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location after that date. If the nest site becomes active prior to May 30, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Reserve Pit Liner

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)

Fourwing Saltbush	<i>Atriplex Canescens</i>	4 lbs/acre
Indian Ricegrass	<i>Oryzopsis Hymenoides</i>	4 lbs/acre
Sand Drop Seed	<i>Poa Sanbergii</i>	4 lbs/acre

Details of the On-Site Inspection

The proposed Humpback Federal #3-24-8-17 was on-sited on 8/12/04. The following were present; Brad Mecham (Newfield Production), Byron Tolman (Bureau of Land Management), and Greg Darlington (Bureau of Land Management). Weather conditions were clear at 80 degrees.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Brad Mecham

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 #3-24-8-17 NE/NW Section 24, Township 8S, Range 17E: Lease UTU-45431 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

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.

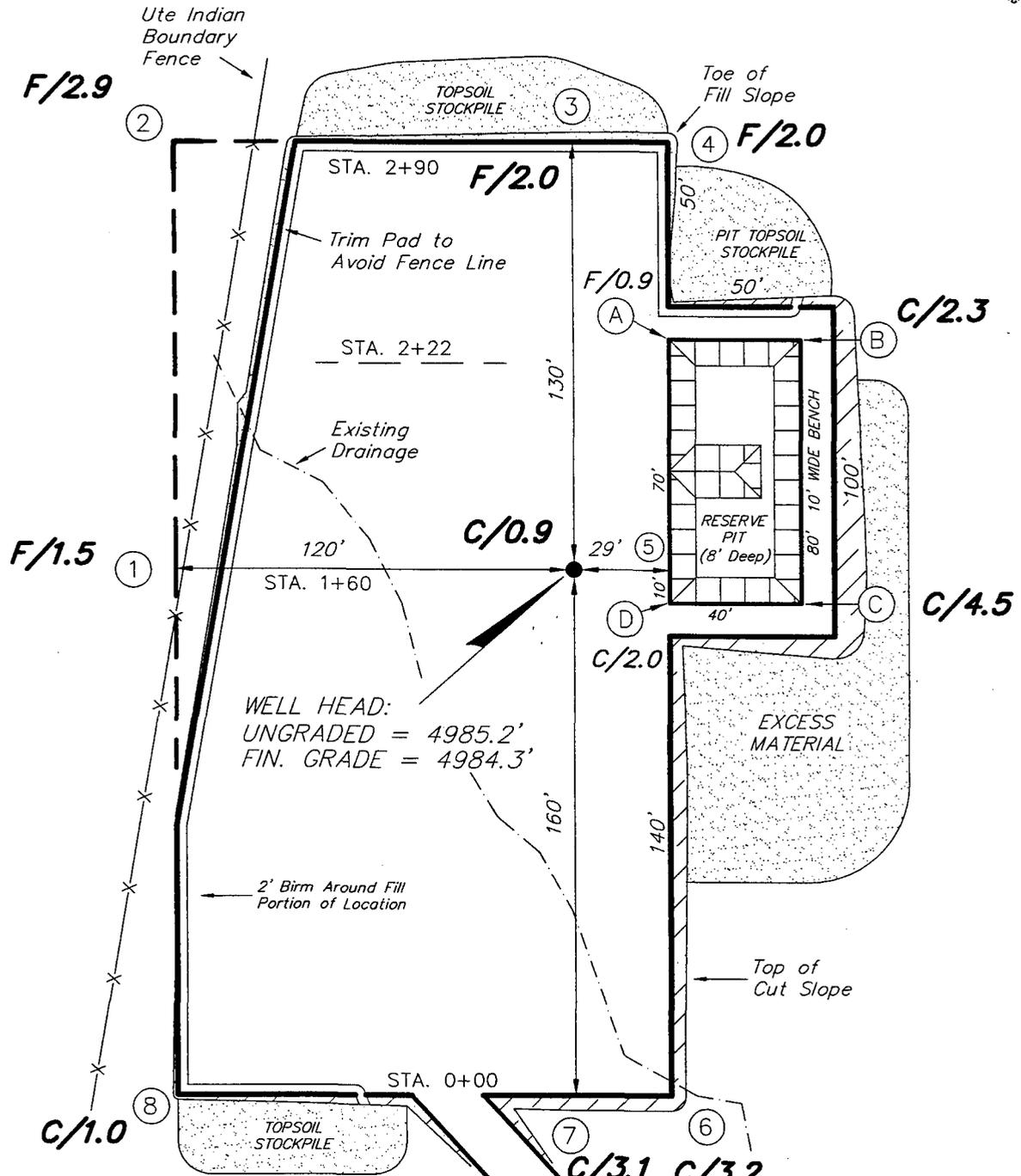
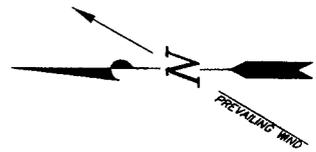
4/4/05
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

HUMPBACK UNIT 3-24

Section 24, T8S, R17E, S.L.B.&M.



REFERENCE POINTS

- 180' EASTERLY = 4982.3'
- 230' EASTERLY = 4981.5'
- 170' NORTHERLY = 4980.5'
- 220' NORTHERLY = 4981.4'

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 11-8-04

Tri State
Land Surveying, Inc.

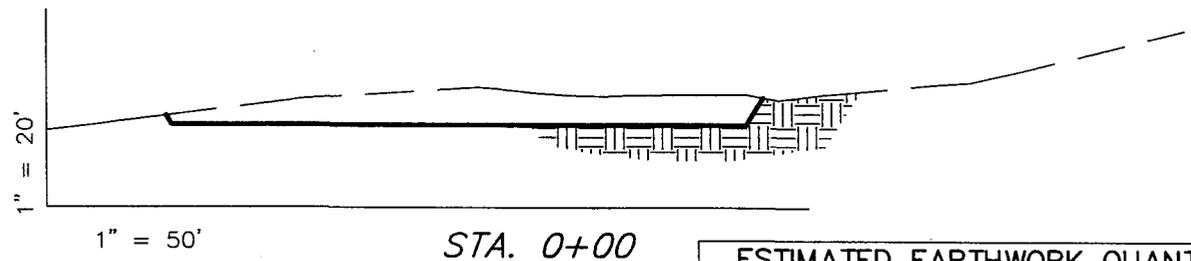
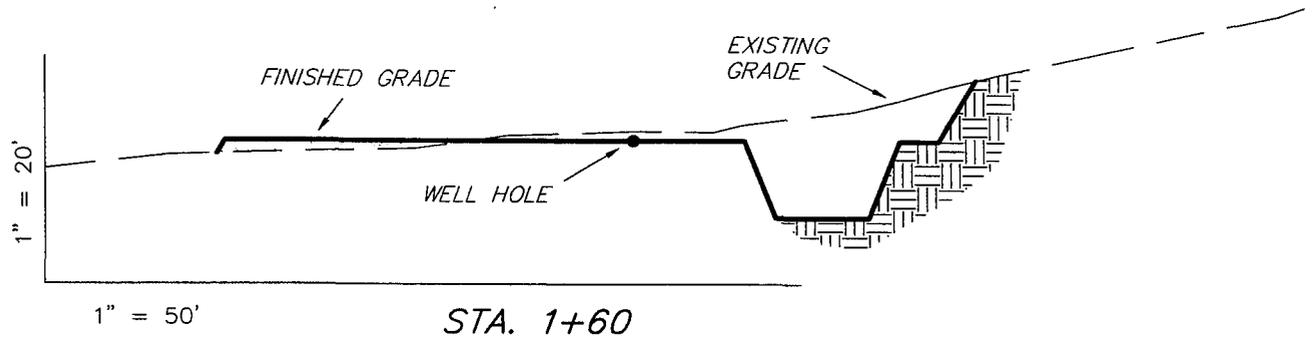
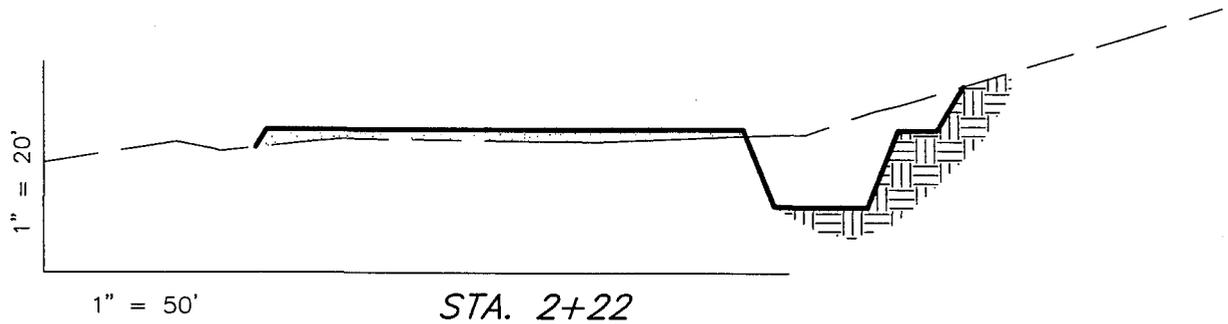
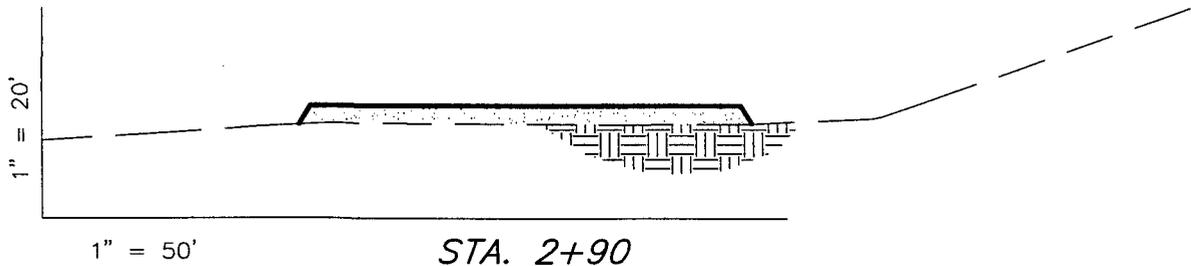
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

HUMPBACK UNIT 3-24



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

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,380	1,380	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	2,020	1,380	820	640

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

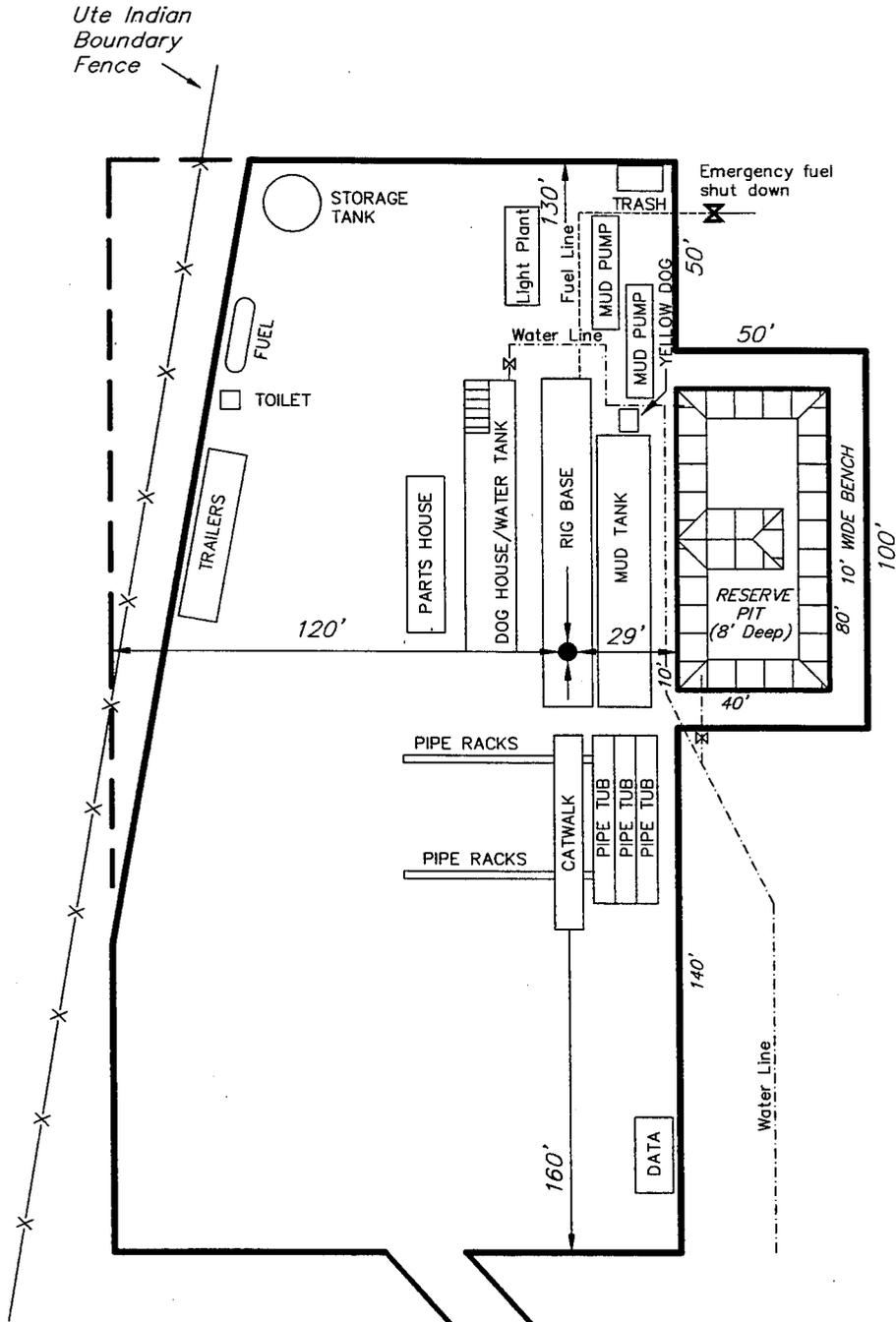
DATE: 11-8-04

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

NEWFIELD PRODUCTION COMPANY

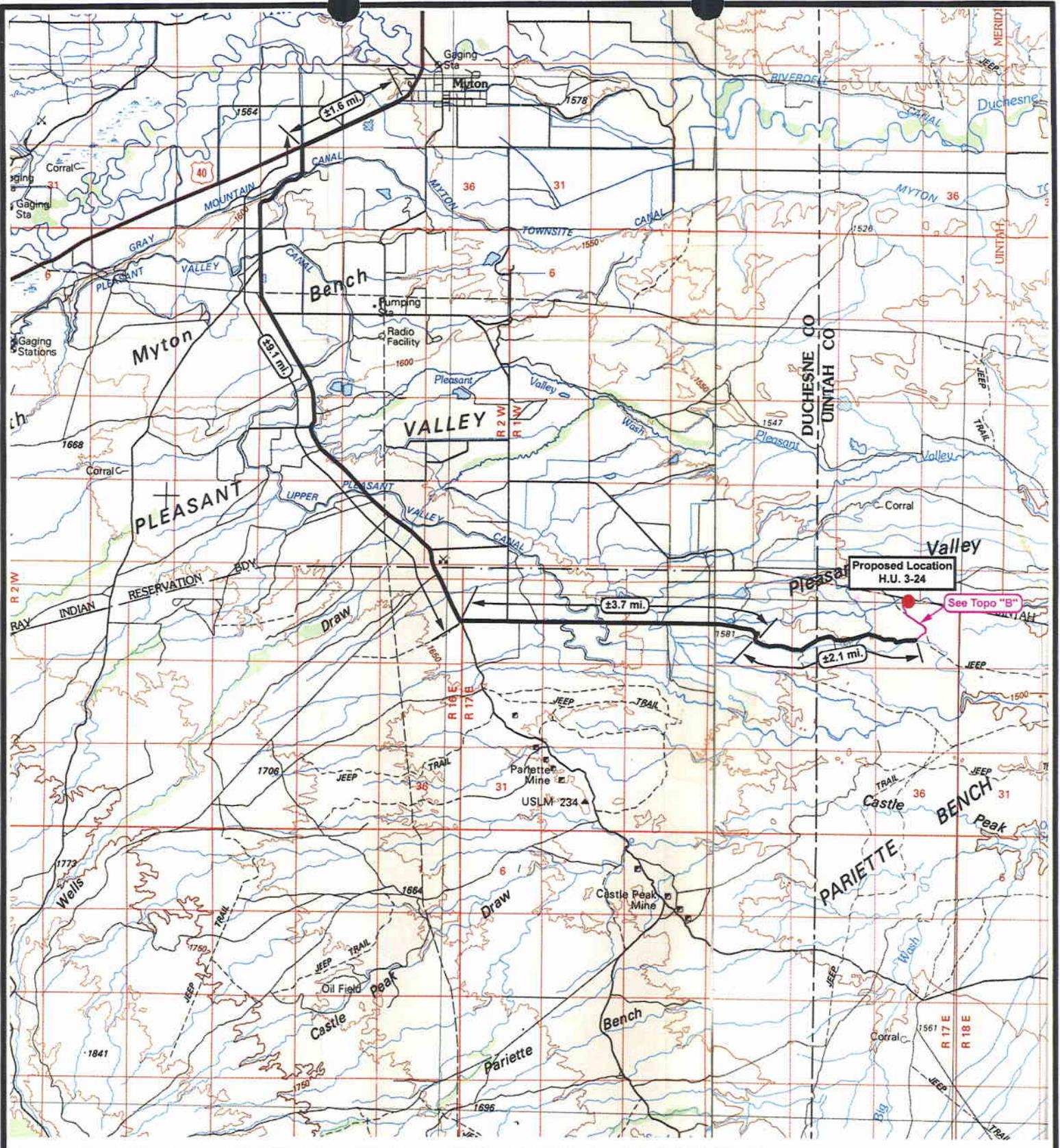
TYPICAL RIG LAYOUT

HUMPBACK UNIT 3-24



PROPOSED ACCESS ROAD (Max. 6% Grade)

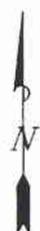
SURVEYED BY: C.M.	SCALE: 1" = 50'	Tri State Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078 (435) 781-2501
DRAWN BY: F.T.M.	DATE: 11-8-04	





NEWFIELD
 Exploration Company

Humpback Unit 3-24
SEC. 24, T8S, R17E, S.L.B.&M.





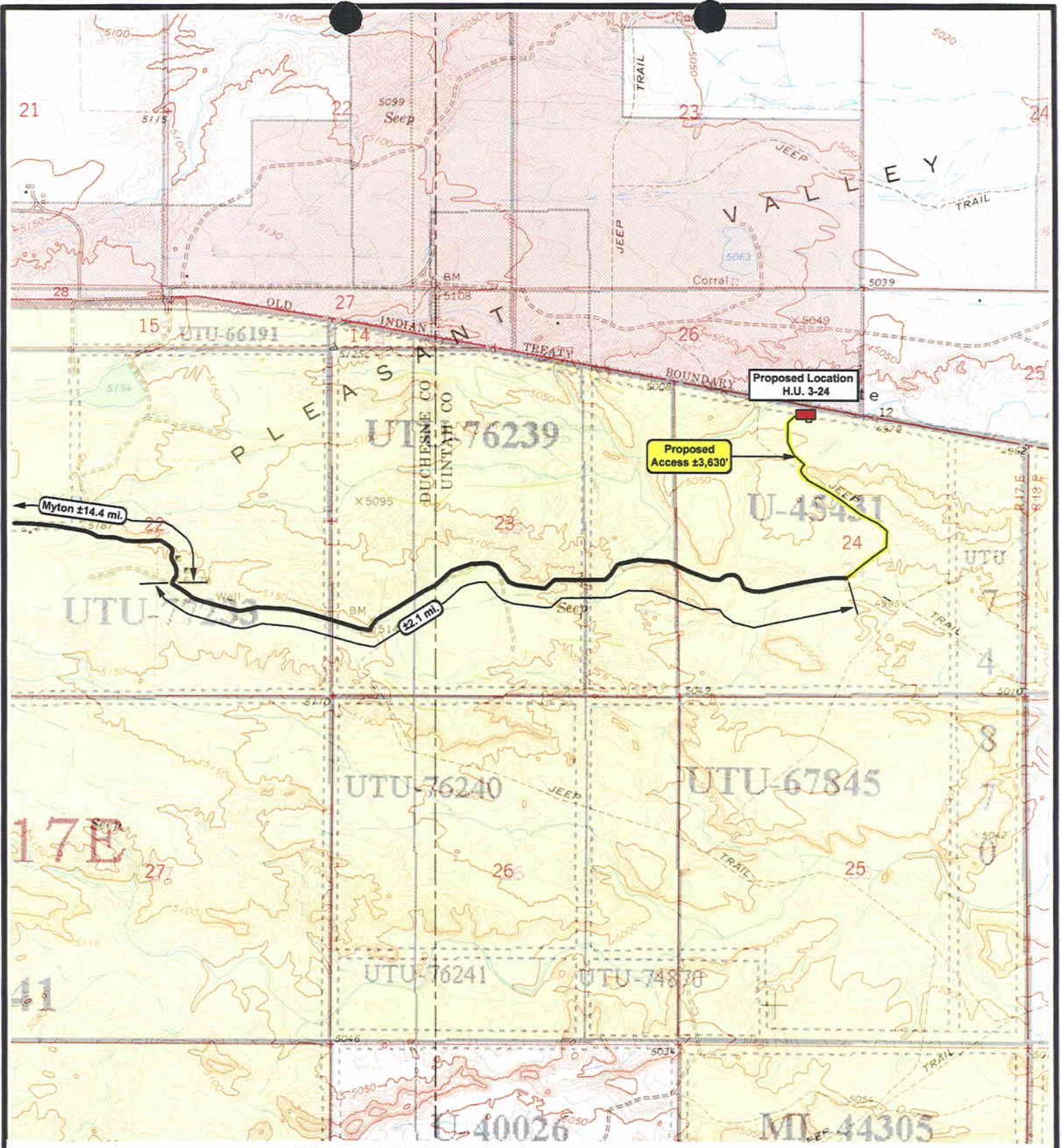
Tri-State
Land Surveying Inc.
 (435) 781-2501
 38 West 100 North Vernal, Utah 84078

SCALE: 1" = 100,000'
DRAWN BY: MW
DATE: 11-09-2004

Legend

-  Existing Road
-  Proposed Access

TOPOGRAPHIC MAP
"A"



NEWFIELD
Exploration Company

Humpback Unit 3-24
SEC. 24, T8S, R17E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
38 West 100 North Vernal, Utah 84078

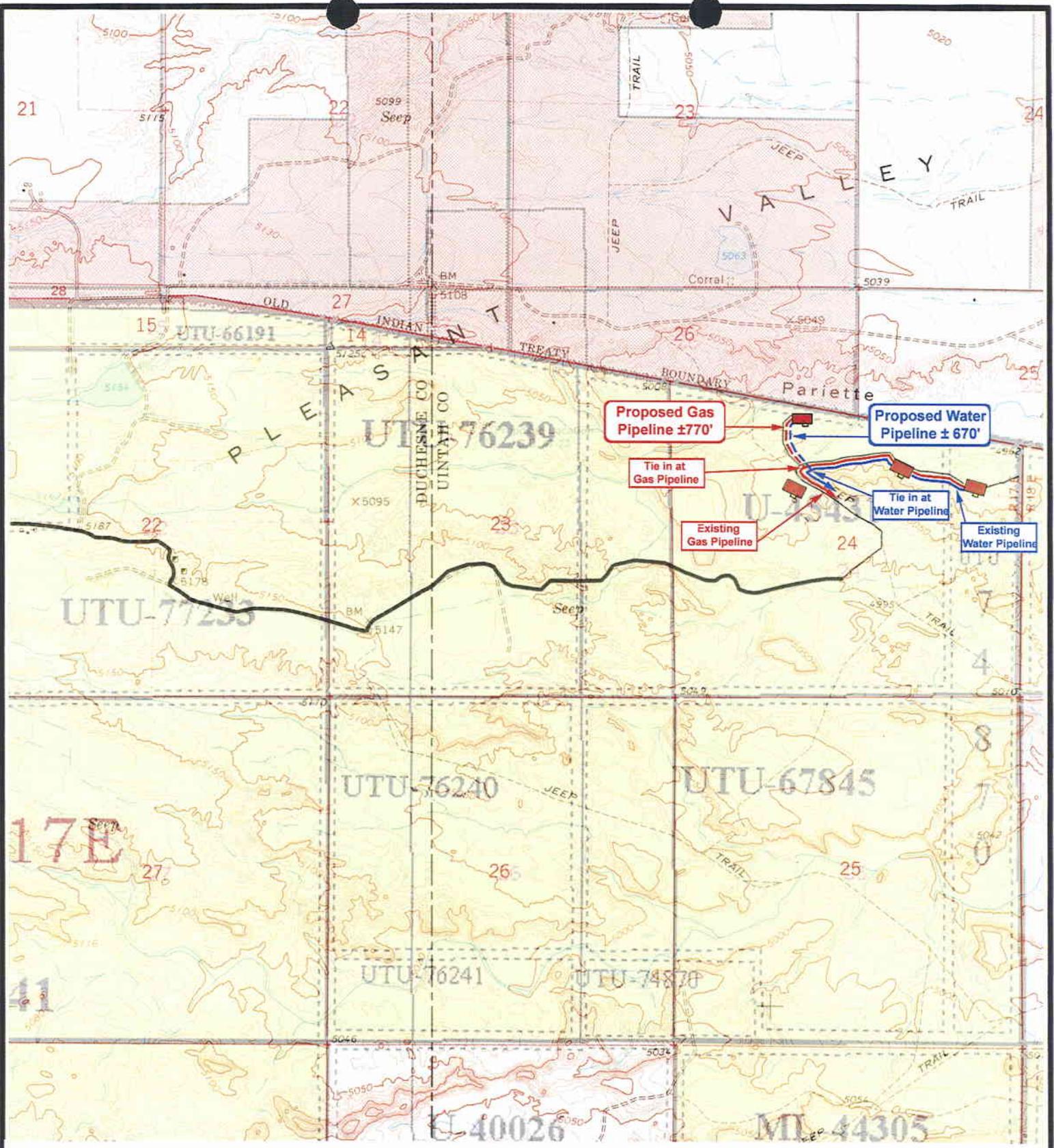
SCALE: 1" = 2000'
DRAWN BY: MW
DATE: 11-09-2004

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"B"



NEWFIELD
Exploration Company

Humpback Unit 3-24
SEC. 24, T8S, R17E, S.L.B.&M.

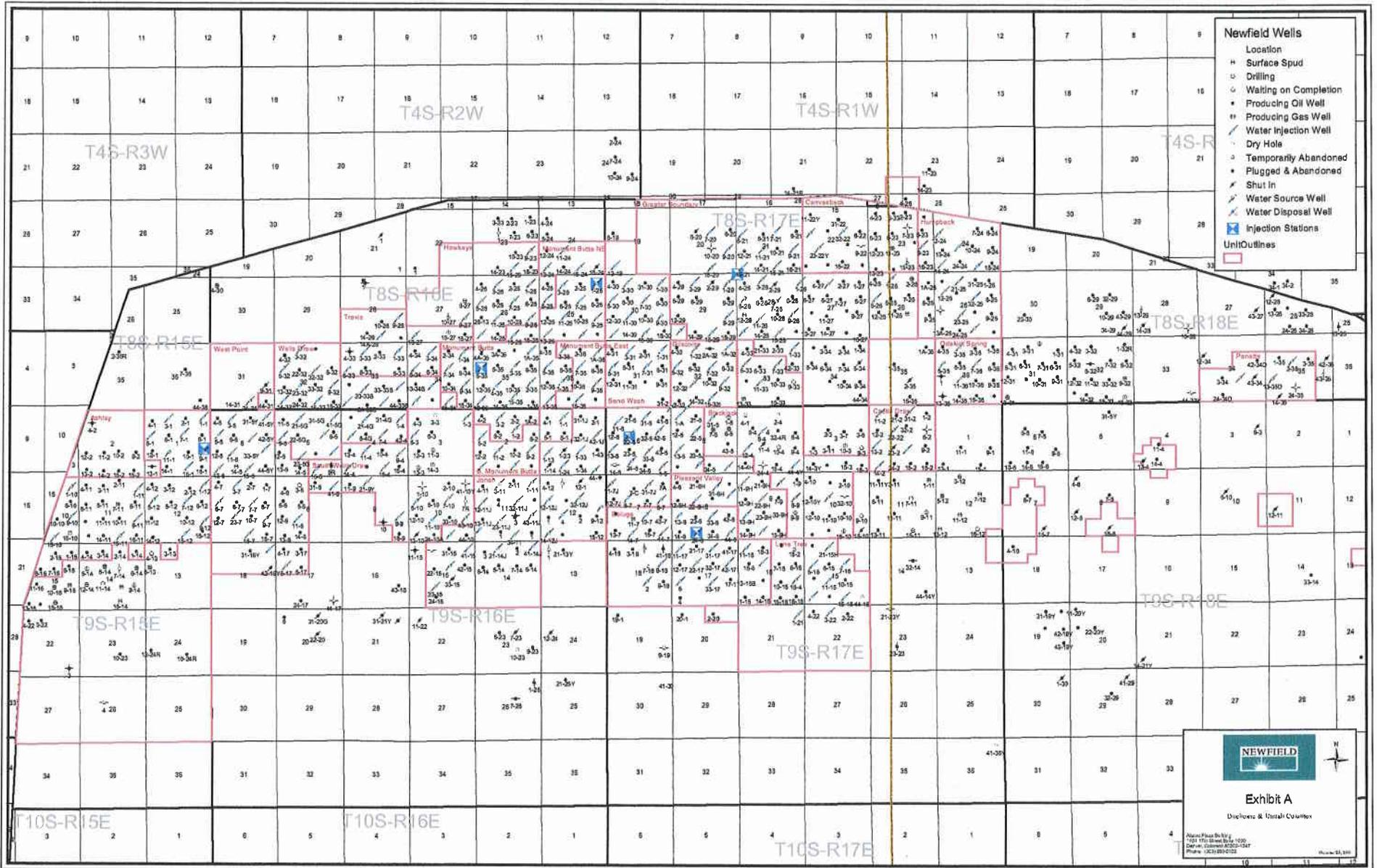


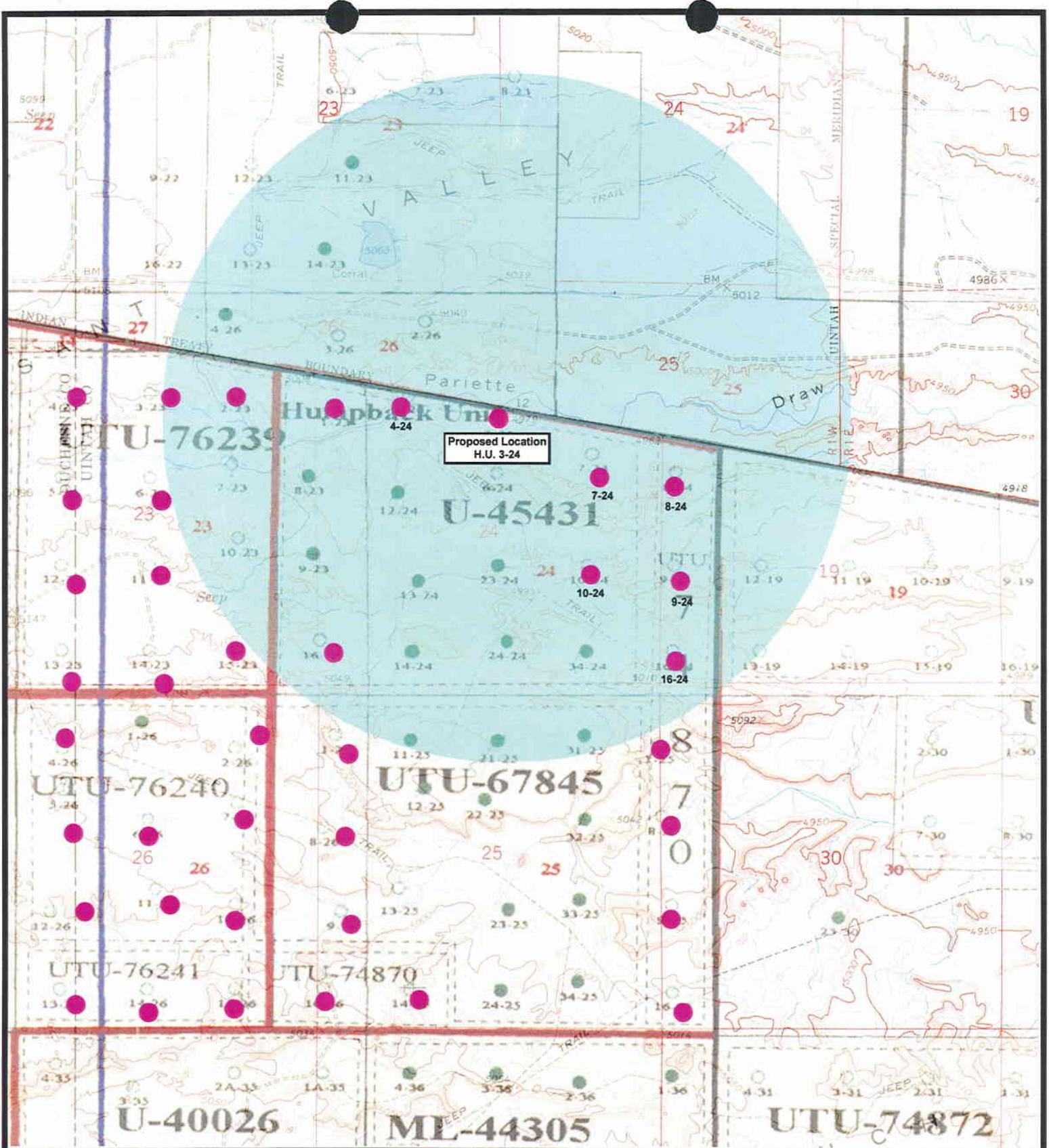
Tri-State
Land Surveying Inc.
(435) 781-2501
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 2000'
DRAWN BY: MW
DATE: 11-09-2004

Legend	
	Roads
	Existing Gas Line
	Proposed Gas Line
	Existing Water Line
	Proposed Water Line

TOPOGRAPHIC MAP
"C"





Proposed Location
H.U. 3-24

NEWFIELD
Exploration Company

Humpback Unit 3-24
SEC. 24, T8S, R17E, S.L.B.&M.



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

SCALE: 1" = 2000'
DRAWN BY: MW
DATE: 11-9-2004

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

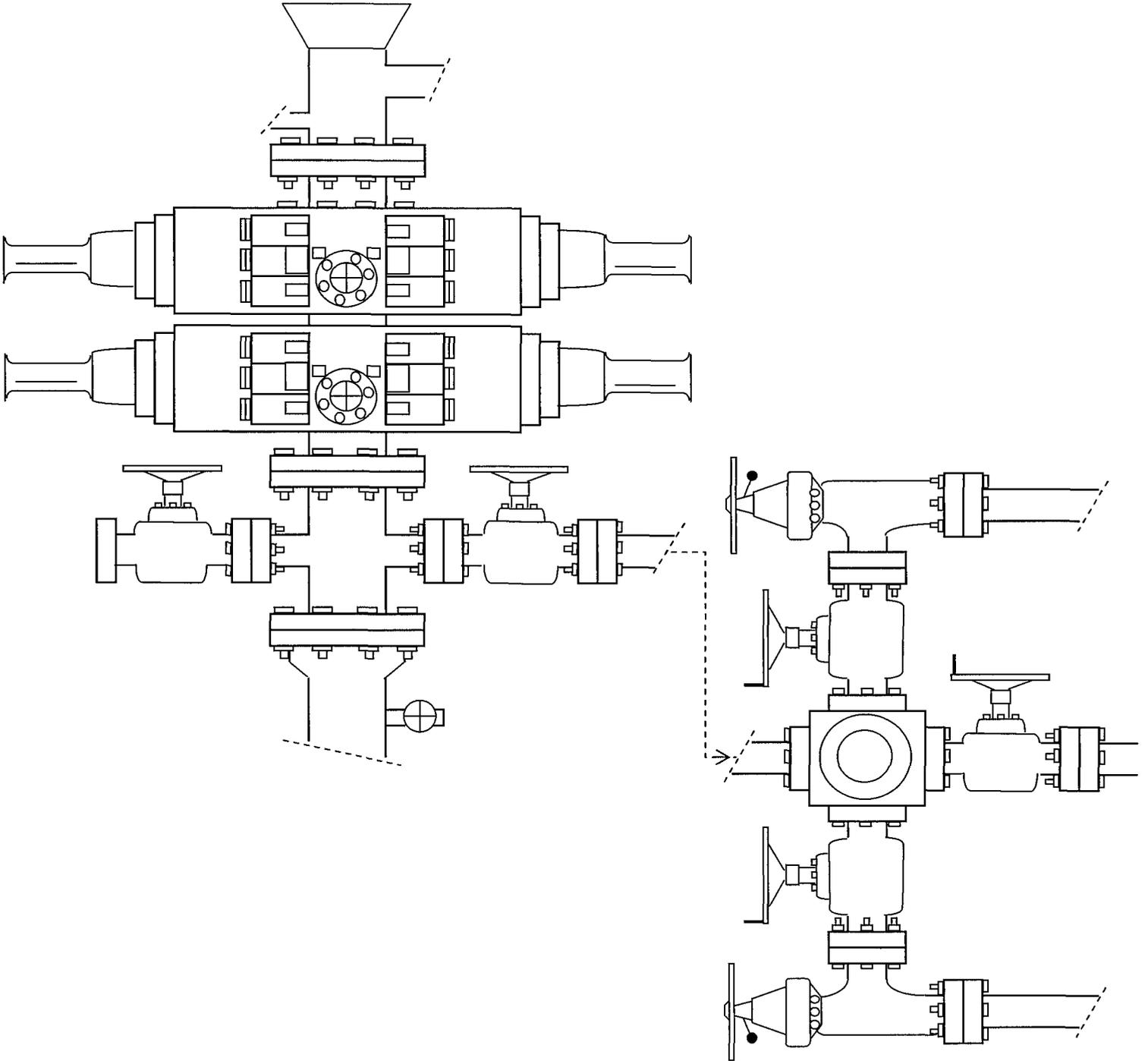


EXHIBIT C

Exhibit "D"
Page 1 of 4

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S 75-ACRE PARCEL IN
PLEASANT VALLEY, TOWNSHIP 8S, RANGE 17E,
SECTION 24, UINTAH COUNTY, UTAH

by

Andy Wakefield
and
Keith R. Montgomery

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company
Route 1
Box 3630
Myton, UT 84052

Prepared By:

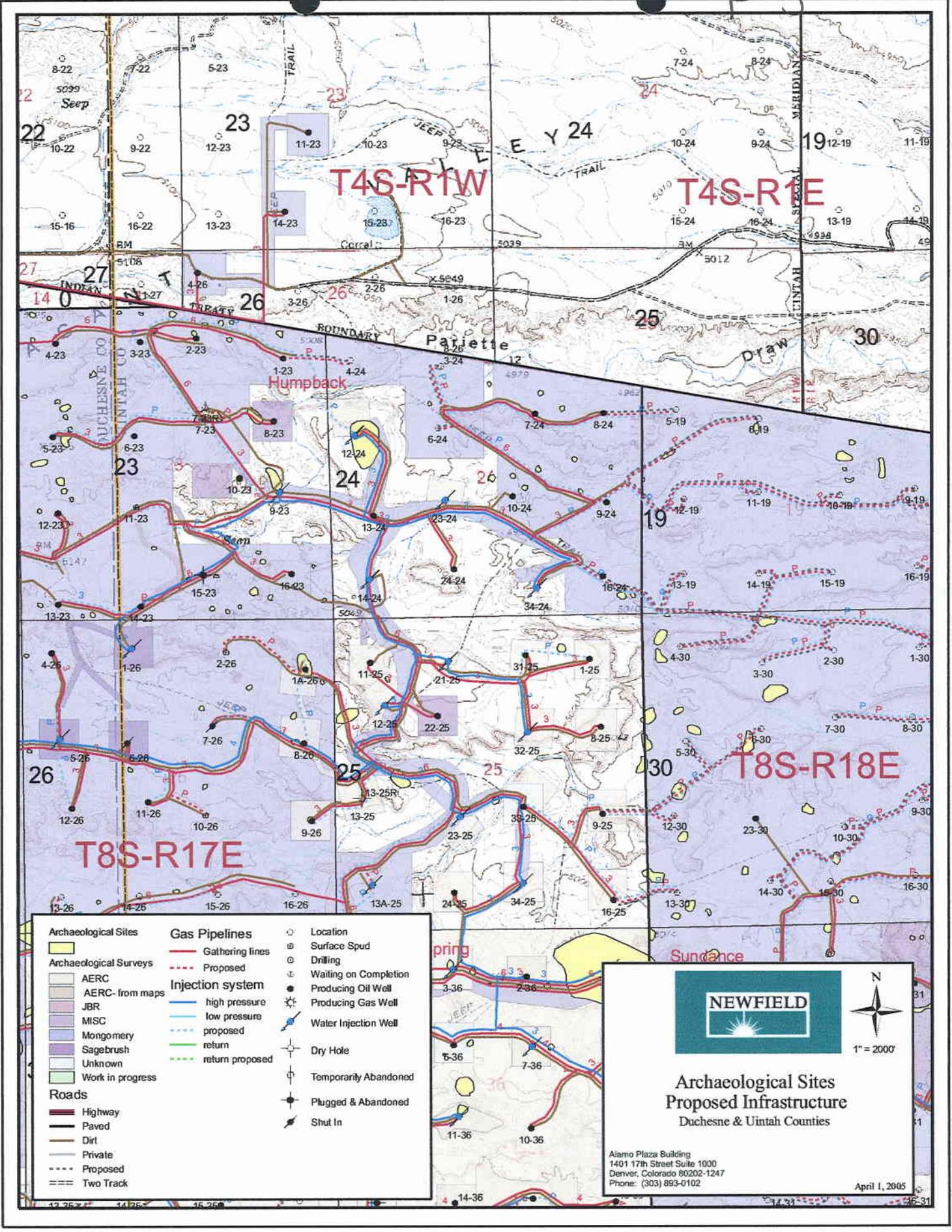
Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 05-04

January 07, 2005

United States Department of Interior (FLPMA)
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-04-MQ-1480b



Archaeological Sites	Gas Pipelines	Location
Archaeological Surveys	Gathering lines	Surface Spud
AERC	Proposed	Drilling
AERC- from maps	Injection system	Waiting on Completion
JBR	high pressure	Producing Oil Well
MISC	low pressure	Producing Gas Well
Montgomery	proposed	Water Injection Well
Sagebrush	return	Dry Hole
Unknown	return proposed	Temporarily Abandoned
Work in progress		Plugged & Abandoned
Roads		Shut In
Highway		
Paved		
Dirt		
Private		
Proposed		
Two Track		



**Archaeological Sites
Proposed Infrastructure**
Duchesne & Uintah Counties

Alamo Plaza Building
1401 17th Street Suite 1000
Denver, Colorado 80202-1247
Phone: (303) 893-0102

April 1, 2005

NEWFIELD PRODUCTION, INC.

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

Section 25, T 8 S, R 17 E (SW 1/4, SW 1/4); Section 7, T 9 S, R 16 E
(SW 1/4, SW 1/4 & SE 1/4, SW 1/4); Section 8, T 9 S, R 18 E (NE 1/4, SW 1/4);
Section 34, T 9 S, R 16 E (NW 1/4, NW 1/4); Section 28, T 9 S, R 17 E (SE 1/4, NW 1/4);
Section 35, T 9 S, R 18 E (NE 1/4, NW 1/4); Section 24, T 8 S, R 17 E
(NE 1/4 & NW 1/4, NW 1/4, and SE 1/4, NW 1/4)

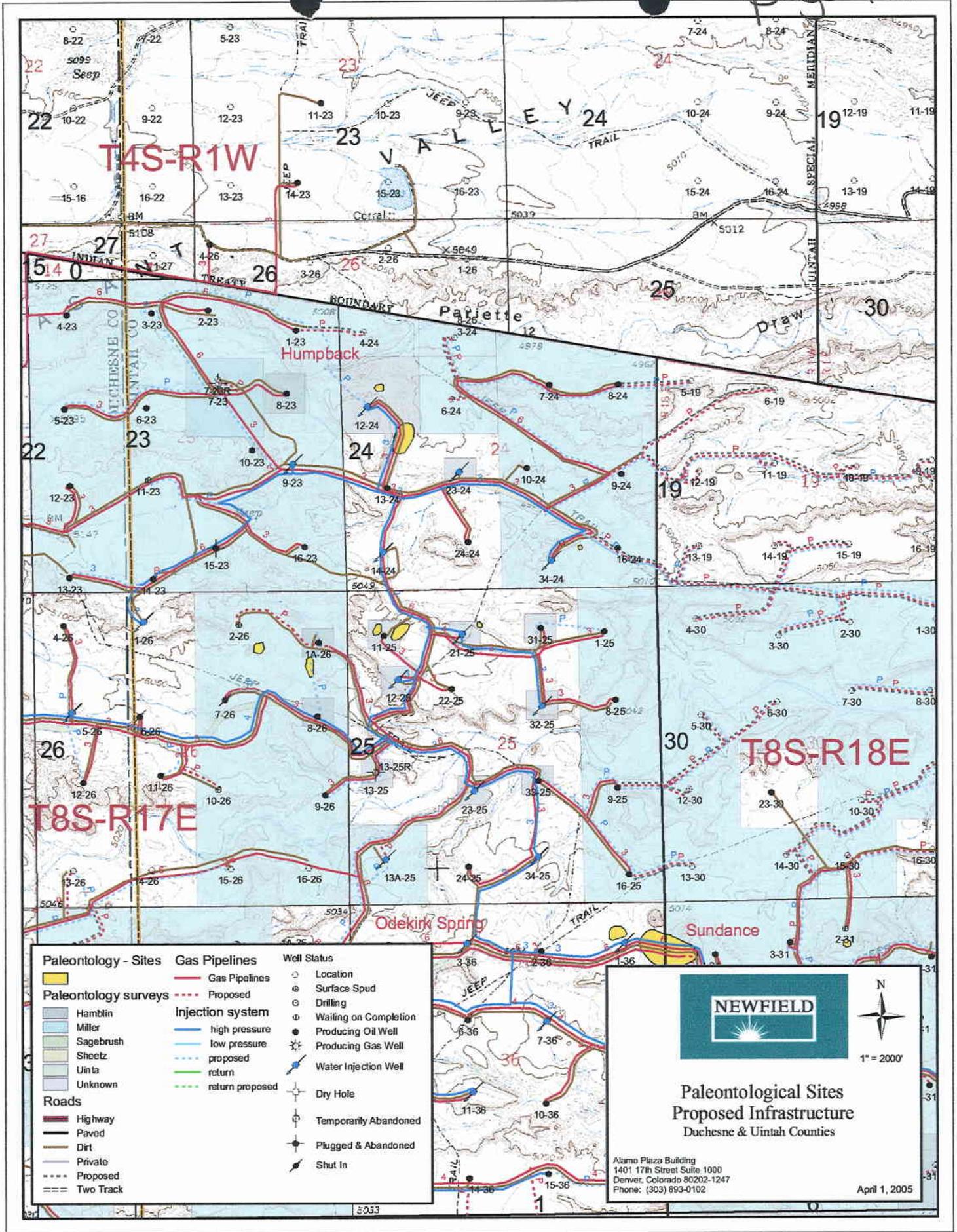
REPORT OF SURVEY

Prepared for:

Newfield Production, Inc.

Prepared by:

Wade E. Miller
Consulting Paleontologist
March 8, 2005



Paleontology - Sites	Gas Pipelines	Well Status
<ul style="list-style-type: none"> Hamblin Miller Sagebrush Sheetz Uinta Unknown 	<ul style="list-style-type: none"> Gas Pipelines Proposed Injection system high pressure low pressure proposed return return proposed 	<ul style="list-style-type: none"> Location Surface Spud Drilling Waiting on Completion Producing Oil Well Producing Gas Well Water Injection Well Dry Hole Temporarily Abandoned Plugged & Abandoned Shut In
Roads		
<ul style="list-style-type: none"> Highway Paved Dirt Private Proposed Two Track 		



**Paleontological Sites
Proposed Infrastructure**
Duchesne & Uintah Counties

Alamo Plaza Building
1401 17th Street Suite 1000
Denver, Colorado 80202-1247
Phone: (303) 893-0102

April 1, 2005



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

December 5, 2005

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

Re: Humpback Federal 3-24-8-17 Well, 200' FNL, 1981' FWL, NE NW, Sec. 24,
T. 8 South, R. 17 East, Uintah County, Utah

Gentlemen:

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

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36504.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Newfield Production Company
Well Name & Number Humpback Federal 3-24-8-17
API Number: 43-047-36504
Lease: UTU-45431

Location: NE NW Sec. 24 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 Dan Jarvis at (801) 538-5338

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.

APR 05 2005

Form 3160-3
(September 2001)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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-45431
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Humpback
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Humpback Federal 3-24-8-17
3b. Phone No. (include area code) (435) 646-3721		9. APL Well No. #304736504
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/NW Lot#3 200' FNL 1981' FWL At proposed prod. zone		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 17.2 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area NE/NW Sec. 24, T8S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 220' flse, 200' flunit	16. No. of Acres in lease 548.53	17. Spacing Unit dedicated to this well Approx. 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1127'	19. Proposed Depth 6400'	20. BLM/BIA Bond No. on file UT0056
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4985' GL	22. Approximate date work will start* 3rd Quarter 2005	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

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

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

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 4/14/05
Title Regulatory Specialist		
Approved by (Signature) <i>Howard R. Chavira</i>	Name (Printed/Typed) Howard R. Chavira	Date 02/13/2006
Title Assistant Field Manager Mineral Resources	Office	

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

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

FEB 16 2006

POSTED

FROM [] TO [] 2005

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 **Location:** NENW, Sec. 24, T8S, R17E
Well No: Humpback Federal 3-24-8-17 **Lease No:** UTU-45431
API No: 43-047-36504 **Agreement:** Humpback Unit

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
After hours contact number: (435) 781-4513		FAX: (435) 781-4410	

**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.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Melissa Hawk)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Melissa Hawk)	- Prior to moving on the drilling rig.
Spud Notice (Notify PE)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Jamie Sparger SPT)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Jamie Sparger SPT)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify PE)	- 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)**

- 4 to 6 inches of topsoil shall be stripped from the location and placed where it can most easily be accessed for interim reclamation. Once the well has been converted to water injection, the fill slopes shall be recontoured and the topsoil shall be spread over the entire well location. The well location shall then be seeded with crested wheatgrass (Variety Hycrest) at a 12 lb/acre rate (pure live seed). After seeding has been completed, an access road loop to the well head can be established. The reserve pit will be allowed to stay open until interim reclamation is completed so the entire area can be seeded at the same time. The interim seeding of the well location and reserve pit shall be done by either drilling the seed or by broadcasting the seed and dragging it with a spike tooth harrow.
- The pipeline trench shall be dug in the borrow ditch of the road and the trench material side cast into the existing vegetation. Both the water line and the gas line shall be buried in the same trench. When backfilling the trenches, care shall be taken to disturb as little of the vegetation as possible and thus allowing the existing plants to reestablish on their own, however, these disturbed areas shall also be seeded with crested wheatgrass at the 12 lb/acre rate to ensure vegetation establishment and to keep invasive weeds to a minimum. All seeding of the pipelines shall be completed using a seed drill.
- The temporary gas lines used during the temporary production phase shall be laid on the surface, and then removed once the well is turned to water injection.
- No pipeline construction will be allowed when soils are muddy and rutting of soils becomes apparent from the use of vehicles. If rutting occurs, operations must cease until soils are dry or frozen.
- **Prior to construction, a certified botanist shall survey the proposed disturbance areas** to determine if Sclerocactus are present. If plants are found, the access road and or well location will have to be moved to avoid the plants.
- If paleontologic materials are uncovered during construction, the operator shall immediately stop work that might further disturb such materials and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation will be necessary for the discovered paleontologic material.

DOWNHOLE CONDITIONS OF APPROVAL

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

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- None

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. 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. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- 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.**
- Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.
- All BOPE components will 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 must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.
- BOP drills must 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.
- All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will 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 must be obtained and notification given before resumption of operations.

- Chronologic drilling progress reports must 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.
- Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- In accordance with 43 CFR 3162.4-3, this well must 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.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will 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, will 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) will be submitted only when requested by the BLM, Vernal Field Office.
- **Please submit an electronic copy of all 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. The cement bond log must be submitted in raster format (TIF, PDF other).**
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters will be calibrated in place prior to any deliveries. The 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 will 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.

- 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.
- This APD is approved subject to the requirement that, 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 will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 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, will 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.
- 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: HUMPBACK FED 3-24-8-17

Api No: 43-047-36504 Lease Type: FEDERAL

Section 24 Township 08S Range 17E County UINTAH

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 04/27/06

Time 2:30 PM

How DRY

Drilling will Commence: _____

Reported by FLOYD MITCHELL

Telephone # (435) 823-3610

Date 04/28/2006 Signed CHD

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

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84062

OPERATOR ACCT. NO. N2995

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	15356	43-047-36713	FEDERAL 14A-28-8-18	SE/SW	28	8S	18E	UINTAH	04/26/06	5/4/06
WELL 1 COMMENTS: <i>GRPV</i> - K											
A	99999	15357	43-047-34951	FEDERAL 2-25-9-17	NW/NE	25	9S	17E	UINTAH	4/30/06	5/4/06
WELL 2 COMMENTS: <i>MNCS</i> <i>- 3650A</i> - K											
B	99999	12053	43-047-36584	HUMPBACK FEDERAL 3-24-8-17	NE/NW	24	8S	17E	UINTAH	04/27/06	5/4/06
WELL 3 COMMENTS: <i>GRPV</i> - K											
B	99999	12275	43-013-33015	CASTLE DRAW STATE G-2-8-17	SW/NW	2	9S	17E	DUCHESNE	05/01/06	5/4/06
WELL 4 COMMENTS: <i>GRPV</i> - K											
A	99999	15358	43-047-36714	FEDERAL 15-28-8-18	SW/SE	28	8S	18E	UINTAH	05/03/06	5/4/06
WELL 5 COMMENTS: <i>GRPV</i> - K											
B	99999	11486	43-013-33011	GILSONITE STATE M-32-8-17	NW/SE	32	8S	17E	DUCHESNE	05/03/06	5/4/06
WELL 6 COMMENTS: <i>GRPV</i> - K											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or well well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

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

RECEIVED
MAY 03 2006

DIV. OF OIL, GAS & MINING

Lana Nebeker
Signature
Lana Nebeker
Production Clerk
Date: May 3, 2006

05/03/2006 16:03 4356453031 INLAND PAGE 02

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.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

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 No. (include are code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 200 FNL 1981 FWL LOT 3
 NE/NW Section 24 T8S R17E

5. Lease Serial No.
 UTU45431

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.
 HUMPBACK UNIT

8. Well Name and No.
 HUMPBACK FEDERAL 3-24-8-17

9. API Well No.
 4304736504

10. Field and Pool, or Exploratory Area
 Monument Butte

11. County or Parish, State
 Uintah, UT

12. CHECK APPROPRIATE BOX(ES) TO INIDICATE 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 Notice	<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 recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 4/27/2006 MIRU NDSI NS # 1. Spud well @ 2:30 PM. Drill 310' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 307.20' KB On 4/28/2006 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Return 5 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Floyd Mitchell	Title Drilling Supervisor
Signature <i>Floyd Mitchell</i>	Date 05/02/2006

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 reverse)

RECEIVED

MAY 05 2006

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 307.2

LAST CASING 8 5/8" set @ 313.72
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 310' Logger N/A
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
 WELL Humpback Federal 3-24-8-17
 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 41.00'						
		WHI - 92 csg head				8rd	A	0.95
7	8 5/8"	Maverick ST&C csg		24#	J-55	8rd	A	295.35
		GUIDE shoe				8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING				297.2
TOTAL LENGTH OF STRING		297.2	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				307.2
TOTAL		295.35	7	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)		295.35	7					
TIMING		1ST STAGE						
BEGIN RUN CSG.		Spud	4/27/2006	2:30 PM	GOOD CIRC THRU JOB			Yes
CSG. IN HOLE			4/28/2006	4:00 PM	Bbls CMT CIRC TO SURFACE			5
BEGIN CIRC			4/28/2006	6:47 PM	RECIPROCATED PIPE FOR			N/A
BEGIN PUMP CMT			4/28/2006	6:54 PM				
BEGIN DSPL. CMT			4/28/2006	6:55 AM	BUMPED PLUG TO			101 PSI
PLUG DOWN			4/28/2006	7:03 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 Floyd Mitchell

DATE 4/29/2006

RECEIVED

MAY 05 2006

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6473.05

Flt cllr @ 6431.53'

LAST CASING 8 5/8" Set @ 307.20'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Humpback Federal 3-24-8-17

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # Patterson # 155

TD DRILLER 6500 LOGGER 6497'

HOLE SIZE 7 7/8"

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		6.87' short jt @ 4595'					
152	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	6417.53
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	42.27
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6475.05
TOTAL LENGTH OF STRING		6475.05	153	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		211.75	5	CASING SET DEPTH			6473.05
TOTAL		6671.55	158	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6671.55	158				
TIMING		1ST STAGE	2nd STAGE	GOOD CIRC THRU JOB			YES
BEGIN RUN CSG.		9:30 PM	5/4/2006	Bbls CMT CIRC TO SURFACE			20
CSG. IN HOLE		1:30 AM	5/5/2006	RECIPROCATED PIPE FOR			THRUSTROKE No
BEGIN CIRC		1:30 AM	5/5/2006	DID BACK PRES. VALVE HOLD ?			YES
BEGIN PUMP CMT		3:24 AM	5/5/2006	BUMPED PLUG TO			1800 PSI
BEGIN DSPL. CMT		4:30 AM	5/5/2006				
PLUG DOWN		4:54 AM	5/5/2006				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	400	Premlite II w/ 10% gel + 3 % KCL, 5#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2	475	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Troy Zufelt

DATE 5/5/2006

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

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 reverse side

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU45431
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone No. (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or No. HUMPBAC UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 200 FNL 1981 FWL LOT 3 NE/NW Section 24 T8S R17E		8. Well Name and No. HUMPBAC FEDERAL 3-24-8-17
		9. API Well No. 4304736504
		10. Field and Pool, or Exploratory Area Monument Butte
		11. County or Parish, State Uintah, 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 Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

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

On 4/30/2006 MIRU Patterson Rig # 155. 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 @ 260'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6500'. 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, 153 jt's of 5.5 J-55, 15.5# csgn. Set @ 6473.05' / KB. Cement with 400sks cement mixed @ 11.0 ppg & 3.43 yld. The 475 sks cement mixed @ 14.4 ppg & 1.24 yld. With 20 bbls returned to pit. Nipple down Bop's. Drop slips @ 95,000 #'s tension. Release rig 9:30 am on 5-05-06.

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Troy Zufelt	Title Drilling Foreman
Signature 	Date 05/05/2006

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 reverse)

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MAY 17 2006

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
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SUBMIT IN TRIPLICATE - Other Instructions on reverse side

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 No. (include are code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 200 FNL 1981 FWL LOT 3
 NE/NW Section 24 T8S R17E

5. Lease Serial No.
 UTU45431

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.
 HUMPBACK UNIT

8. Well Name and No.
 HUMPBACK FEDERAL 3-24-8-17

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<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input checked="" 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.)

Formation water is produced 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.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Mandie Crozier	Title Regulatory Specialist
Signature <i>Mandie Crozier</i>	Date 05/30/2006

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 _____	

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(Instructions on reverse)

RECEIVED

JUN 02 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
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UTU45431

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HUMPBAC UNIT

8. Well Name and No.
HUMPBAC FEDERAL 3-24-8-17

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11. County or Parish, State
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200 FNL 1981 FWL LOT 3
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<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 Notice	<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	Variance _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

Newfield Production Company is requesting a variance from Onshore Order 43 CFR Part 3160 Section 4 requiring production tanks to be equipped with Enardo or equivalent vent line valves. Newfield operates wells that produce from the Green River formation, which are relatively low gas producers (20 mcfpd). The majority of the wells are equipped with a three phase separator to maximize gas separation and sales.

Newfield is requesting a variance for safety reasons. Crude oil production tanks equipped with back pressure devices will emit a surge of gas when the thief hatches are open. While gauging tanks, lease operators will be subject to breathing toxic gases as well as risk a fire hazard, under optimum conditions

Accepted by the
Utah Division of
Oil, Gas and Mining

Federal Approval Of This
Action Is Necessary

Date: 6/13/06
By: [Signature]

I hereby certify that the foregoing is true and correct Name (Printed/Typed) Mandie Crozier	Title Regulatory Specialist	COPY SENT TO OPERATOR Date: 6/13/06 Initials: [Signature]
Signature [Signature]	Date 05/30/2006	

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 reverse)

RECEIVED

JUN 02 2006

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

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 reverse side

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 No. (include are code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 200 FNL 1981 FWL LOT 3
 NE/NW Section 24 T8S R17E

5. Lease Serial No.
 UTU45431

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.
 HUMPBACK UNIT

8. Well Name and No.
 HUMPBACK FEDERAL 3-24-8-17

9. API Well No.
 4304736504

10. Field and Pool, or Exploratory Area
 Monument Butte

11. County or Parish, State
 Uintah, 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 Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

Status report for time period 05/18/06 - 05/26/06

Subject well had completion procedures intiated in the Green River formation on 05-18-06 without the use of a service rig over the well. A cement bond log was run and a total of four Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (6130'-6136'),(6122'-6126'),(6106'-6110'),(6082'-6088'),(6056'-6064'); Stage #2 (5442'-5458'); Stage #3 (5092'-5102'); Stage #4 (4822'-4828'),(4767'4772'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 05-24-2006. Bridge plugs were drilled out and well was cleaned to 6411'. Zones were swab tested for sand cleanup. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 05-26-2006.

I hereby certify that the foregoing is true and correct	Title
Name (Printed/ Typed) Lana Nebeker	Production Clerk
Signature <i>Lana Nebeker</i>	Date 07/03/2006

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 reverse)

RECEIVED

JUL 05 2006

DIV. OF OIL, GAS & MINING

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL WELL GAS WELL DRY Other _____

1b. TYPE OF WELL

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

5. LEASE DESIGNATION AND SERIAL NO.

UTU-45431

6. IF INDIAN ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

Humpback Unit

8. FARM OR LEASE NAME, WELL NO.

Humpback Federal 3-24-8-17

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

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

At Surface 200' FNL & 1981' FWL (NE/NW) Sec. 24, T8S, R17E

At top prod. Interval reported below

10. FIELD AND POOL OR WILDCAT

Monument Butte

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

Sec. 24, T8S, R17E

At total depth

14. API NO.

43-047-36504

DATE ISSUED

12/5/05

12. COUNTY OR PARISH

Uintah

13. STATE

UT

15. DATE SPUDDED

4/27/06

16. DATE T.D. REACHED

5/4/06

17. DATE COMPL. (Ready to prod.)

5/26/06

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

4985' GL

19. ELEV. CASINGHEAD

4997' KB

20. TOTAL DEPTH, MD & TVD

6500'

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

6429'

22. IF MULTIPLE COMPL. HOW MANY*

23. INTERVALS DRILLED BY

----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

Green River 4767'-6136'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

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

27. WAS WELL CORED

No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	307'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6473'	7-7/8"	400 sx Premlite II and 475 sx 50/50 Poz	

29. LINER RECORD

30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 6227'	TA @ 6034'

31. PERFORATION RECORD (Interval, size and number)

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

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP. 5, 1, & 2) 6056'-64', 6082'-88', 6106'-10'	.46"	4/112	6056'-6136'	Frac w/ 75,416# 20/40 sand in 602 bbls fluid
6122'-26', 6130'-36'				
(C) 5442'-5458'	.43"	4/64	5442'-5458'	Frac w/ 90,603# 20/40 sand in 668 bbls fluid
(DS1) 5092'-5102'	.43"	4/40	5092'-5102'	Frac w/ 24,786# 20/40 sand in 334 bbls fluid
(GB6) 4767'-72', 4822'-28'	.43"	4/44	4767'-4828'	Frac w/ 20,463# 20/40 sand in 285 bbls fluid

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JUL 03 2006

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				WELL STATUS (Producing or shut-in)		
5/26/06	2-1/2" x 1-1/2" x 14' RHAC SM Plunger Pump				DIV. OF OIL, GAS & MINING		
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
30 day ave			----->	43	19	41	442
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
		----->					

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

Sold & Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED: *Mandie Crozier*
Mandie Crozier

TITLE: Regulatory Specialist

DATE: 6/26/2006

NC

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Humpback Federal 3-24-8-17	Garden Gulch Mkr	4174'	
				Garden Gulch 1	4403'	
				Garden Gulch 2	4523'	
				Point 3 Mkr	4806'	
				X Mkr	5026'	
				Y-Mkr	5060'	
				Douglas Creek Mkr	5192'	
				BiCarbonate Mkr	5483'	
				B Limestone Mkr	5617'	
				Castle Peak	6045'	
				Basal Carbonate	6450'	
				Total Depth (LOGGERS)	6497'	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

JUN 27 2007

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

David Gerbig
Operations Engineer
Newfield Production Company
1401 Seventeenth Street - Suite 1000
Denver, CO 80202

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

43-047-36504
8S 17E 24

RE: Additional Well to Humpback Area Permit
UIC Permit No. UT20852-00000
Well ID: UT20852-07571
Humpback Federal No. 3-24-8-17
Uintah County, Utah

Dear Mr. Gerbig:

The Newfield Production Company (Newfield) request to convert Humpback Federal No. 3-24-8-17 to a Green River Formation enhanced recovery injection well is hereby authorized by the Environmental Protection Agency (EPA) under the terms and conditions of this Authorization For Additional Well.

The addition of Humpback Federal No. 3-24-8-17, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 Code of Federal Regulations (CFR) §144.33 (c) and terms of the Underground Injection Control (UIC) Humpback Area Permit No. UT20852-00000, and subsequent modifications.

Please be aware that Newfield does not have authorization to begin injection operations into the well until all Prior to Commencing Injection requirements have been submitted and evaluated by the EPA, and Newfield has received written authorization from the Director to begin injection. Please note that the Permit limits injection to the gross interval within the Green River Formation between the depths of 4218 feet and the top of the Wasatch Formation which is estimated to be 6575 feet.

RECEIVED
JUN 29 2007
DIV. OF OIL, GAS & MINING



Prior to receiving authorization to inject, the EPA requires that Newfield submit for review and approval the following: (1) the results of a **Part I (Internal) mechanical integrity test (MIT)**, (2) a **pore pressure** calculation of the injection interval, (3) and a completed **EPA Form No. 7520-12** (Well Rework Record) with a new schematic diagram.

The initial Maximum Allowable Injection Pressure (MAIP) for Humpback Federal No. 3-24-8-17 was determined to be **1335 psig**. UIC Area Permit UT20852-00000 also provides the opportunity for the permittee to request a change in the MAIP based upon results of a Step-Rate Test that demonstrates that the formation breakdown pressure will not be exceeded.

If you have any questions, please call Emmett Schmitz at (303) 312-6174, or from outside the Denver area 1-800-227-8917 (Ext. 312-6174). Please submit the required data to the **ATTENTION: EMMETT SCHMITZ** at the letterhead address citing **MAIL CODE: 8P-W-GW** very prominently.

Sincerely,



for Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

encl: Authorization For Conversion of An Additional Well
EPA Form No. 7520-12 (Well Rework Record)
Schematic Diagram Proposed Conversion: Humpback Federal No. 3-24-8-17
Schematic Diagram Proposed P&A Plan: Humpback Federal No. 3-24-8-17

cc: without enclosures:

Curtis Cesspooch
Chairman
Uintah & Ouray Business Committee
Ute Indian Tribe

Irene Cuch
Vice-Chairman
Uintah & Ouray Business Committee
Ute Indian Tribe

Chester Mills
Superintendent
U.S. Bureau of Indian Affairs
Uintah & Ouray Indian Agency

Phillip Chimburas
Councilman
Uintah & Ouray Business Committee
Ute Indian Tribe

Ronald Grove
Councilman
Uintah & Ouray Business Committee
Ute Indian Tribe

Steven Cesspooch.
Councilman
Uintah & Ouray Business Committee
Ute Indian Tribe

Frances Poowegup
Councilwoman
Uintah & Ouray Business Committee
Ute Indian Tribe

cc: with enclosures:

Lynn Becker
Director
Energy & Minerals Dept.
Ute Indian Tribe

Shaun Chapoose
Director
Land Use Dept.
Ute Indian Tribe

Michael Guinn
District Manager
Newfield Production Company
Myton, UT 84052

Gilbert Hunt
Associate Director
State of Utah
Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
U.S. Bureau of Land Management
Vernal, Utah



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

AUTHORIZATION FOR ADDITIONAL WELL

The Humpback UIC Area Permit No. **UT20852-00000**, effective October 8, 1998, authorized enhanced recovery injection into the gross Garden Gulch and Douglas Creek Members of the Green River Formation. Major Permit Modification No. 1, effective September 9, 2003, authorized injection for the purpose of enhanced oil recovery into multiple lenticular sand and carbonate units which are distributed throughout the Garden Gulch-Douglas Creek-Basal Carbonate Members of the Green River Formation. On December 6, 2006, the Permittee provided notice to the Director concerning the following additional enhanced recovery injection well:

Well Name: **Humpback Federal No. 3-24-8-17**
EPA Well ID Number: **UT20852-07571**
Location: 200 ft FNL & 1981 ft FWL
NE NW Sec. 24 - T8S - R17E
Uintah County, Utah.

Pursuant to Code of Federal Regulations Title 40 (40 CFR) §144.33, UIC Area Permit No. UT20852-00000 authorizes the Permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the Area Permit. This well was determined to satisfy additional well criteria required by the Permit.

This well is subject to all provisions of UIC Area Permit No. UT20852-00000, as modified and as specified in the Well Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the Permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date. Authorization is effective upon signature.

Date: JUN 27 2007

for **Stephen S. Tuber**
*Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

** The person holding this title is referred to as the Director throughout the Permit and Authorization*

Authorization for Additional Well: UIC Area Permit UT20852-00000
Well: Humpback Federal No. 3-24-8-17 EPA Well ID: UT20852-07571

Page 1 of 6



WELL-SPECIFIC REQUIREMENTS

Well Name: **Humpback Federal No. 3-24-8-17**

EPA Well ID Number: **UT20852-07571**

Prior to commencing injection operations, the permittee shall submit the following information and receive written Authority to Inject from the Director:

1. a successful Part I (Internal) Mechanical Integrity Test (MIT);
2. pore pressure calculation of the proposed injection zone;
3. completed Well Rework Record (EPA Form No. 7520-12) and schematic diagram.

Approved Injection Zone: The Approved Injection Zone is the interval between the top of the Green River Formation Garden Gulch Member at 4218 feet and the top of the Wasatch Formation which is estimated to be 6575 feet. The Permittee is authorized to perforate additional intervals within the Approved Injection Zone for enhanced recovery injection.

Maximum Allowable Injection Pressure (MAIP): The initial MAIP is **1335 psig**, based on the following calculation:

$$\begin{aligned} \text{MAIP} &= [\text{FG} - (0.433)(\text{SG})] D, \text{ where} \\ \text{FG} &= 0.72 \text{ psi/ft} \\ \text{SG} &= 1.015 \\ D &= 4767 \text{ ft (Top perforation depth)} \\ \text{MAIP} &= \mathbf{1335 \text{ psig.}} \end{aligned}$$

UIC Area Permit No. UT20852-00000 also provides the opportunity for the Permittee to request a change of the MAIP based upon results of a Step-Rate Test that demonstrates the formation breakdown pressure will not be exceeded.

Well Construction and Corrective Action: No Corrective Action is required.

Tubing and Packer: 2-7/8" or similar size injection tubing is approved; the packer shall be set at a depth no more than 100 ft above the top perforation.

Corrective Action for Wells in Area of Review: No pre-injection Corrective Action is required. The permittee shall observe the surface location of all wells within the one-quarter (1/4) mile AOR on a weekly basis. Should injectate contamination be observed at the surface, the permittee shall immediately suspend injection into the Humpback Federal No. 3-24-8-17. Injection shall not resume until the noncompliance has been resolved and injection is approved by letter from the Director.

Demonstration of Mechanical Integrity: A successful demonstration of **Part I (Internal Mechanical Integrity)** using a standard Casing-Tubing pressure test is required prior to injection and at least once every five years thereafter. EPA reviewed the cement bond log and determined that there is 80 % bond index cement bond within the Confining Zone annulus, and as a result there is adequate protection to provide an effective barrier to significant upward movement of fluids through vertical channels adjacent to the well bore, pursuant to 40 CFR 146.8 (a)(2).

Demonstration of Financial Responsibility: The applicant has demonstrated financial responsibility via an Annual Statement that has been reviewed and approved by the EPA. The present Plugging and Abandonment cost has been estimated by the permittee to be \$33,500.

Plugging and Abandonment: The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluid into or between USDWs and in accordance with other applicable Federal, State or local law or regulation. Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs. However, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. Within sixty (60) days after plugging, the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

PLUG NO. 1: Seal Injection Zone: Set a cast iron bridge plug (CIBP) at approximately 4717 feet or no more than fifty (50) feet above the top injection perforation. Place at least a 20-foot cement plug on top of the CIBP.

PLUG NO. 2: Seal Mahogany Shale zone: Squeeze a cement plug on the backside of the 5-1/2" casing across the Trona Zone and the Mahogany Shale between approximately 3275 feet to 3488 feet (unless pre-existing backside cement precludes cement-squeezing this interval), followed by a minimum 175-foot balanced cement plug inside the 5-1/2" casing across the Trona Zone and the Mahogany Shale, approximately 3275 feet to 3488 feet.

PLUG NO. 3: Seal USDWs: Squeeze a cement plug (2465 feet - 2565 feet) on the backside of the 5-1/2" casing across the base of the Uinta formation (unless pre-existing backside cement precludes cement-squeezing this interval), followed by a minimum 100-foot balanced cement plug inside the 5-1/2" casing across the base of the Uinta Formation, from approximately 2465 feet to 2565 feet.

PLUG NO.4: Seal surface: Set a Class "G" cement plug within the 5-1/2" casing to 357 feet and up the 5-1/2" by 8-5/8" inch casings annulus to the surface.

Cut off surface and 5-1/2" casing at least 4 feet below ground level and set P&A marker. Submit Sundry Notices and all necessary data as required by the EPA and other regulatory agencies.

Reporting of Noncompliance:

(a) Anticipated Noncompliance. The operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

(b) Compliance Schedules. Reports of compliance or noncompliance with, or any progress on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than thirty (30) days following each schedule date.

(c) Written Notice of any noncompliance which may endanger health or the environment shall be reported to the Director within five (5) days of the time the operator becomes aware of the noncompliance. The written notice shall contain a description of the noncompliance and its cause; the period of noncompliance including dates and times; if the noncompliance has not been corrected the anticipated time it is expected to continue; and steps taken or planned to prevent or reduce recurrence of the noncompliance.

Twenty-Four Hour Noncompliance Reporting: The operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided, either orally or by leaving a message, within twenty-four (24) hours from the time the operator becomes aware of the circumstances by telephoning 1.800.227.8917 and asking for the EPA Region 8 UIC Program Compliance and Enforcement Director, or by contacting the Region 8 Emergency Operations Center at 303.293.1788 if calling from outside EPA Region 8. The following information shall be included in the verbal report:

(a) Any monitoring or other information which indicates that any contaminant may cause an endangerment to a USDW.

(b) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

Oil Spill and Chemical Release Reporting: The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the National Response Center (NRC) 1.800.424.8802 or 202.267.2675, or through the NRC website at <http://www.nrc.uscg.mil/index.htm>.

Other Noncompliance: The operator shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted.

Other Information: Where the operator becomes aware that he failed to submit any relevant facts in the Permit application, or submitted incorrect information in a Permit application, or in any report to the Director, the operator shall submit such correct facts or information within two (2) weeks of the time such information became known to him.

WELL-SPECIFIC CONSIDERATIONS

Well Name: Humpback Federal No. 3-24-8-17

EPA Well ID Number: UT20852-07571

Current Status: The Humpback Federal No. 3-24-8-17 is currently a Garden Gulch and Douglas Creek Members oil well waiting on EPA authorization to convert to a Class II Green River Formation enhanced recovery injection well.

Underground Sources of Drinking Water (USDWs): USDWs in the Area Permit generally occur within the Uinta Formation. According to the "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water, within Humpback Federal No. 3-24-8-17, may be found at approximately 235 feet below ground surface.

http://NRWRT1.NR.STATE.UT.US: (Water Rights...Queries...POD). Within the one-quarter (1/4) mile Area-of-Review (AOR) around the Humpback Federal No. 3-24-8-17 there are no reservoirs, streams, springs, domestic or agricultural water wells.

The Bureau of Land Management (BLM), Vernal, Utah, identifies a non-working **gilsonite** vein with a diagonal strike from the northwest corner of Section 30-T8S-R17E to the approximate center of Section 4-T9S-R17E. The BLM and the State of Utah-Natural Resources Department agree that the total depth of this vein approximates 2000 feet. Because it terminates at least 1000 feet above the authorized injection interval Confining Zone, both agencies, and the EPA, agree that the gilsonite vein is not a pathway for vertical migration of injectate out of the deeper Green River Formation authorized injection interval.

Composition of Injectate and Formation Water: (Total Dissolved Solids [TDS])

- TDS of Injection Zone water: **35,768 mg/l** (Analysis: 10/10/06).
- TDS of injectate: **4115 mg/l**. Unit-produced water is blended at pump facility with Johnson Water District (Analysis 1/17/06).

Confining Zone:

The Confining Zone, which directly overlies the Garden Gulch Member of the Green River Formation, is approximately forty-eight (48) feet of shale between the depths of 4170 feet and 4218 feet (KB).

Injection Zone:

The Injection Zone is an approximate 2309-foot section of multiple lenticular sand units interbedded with shale, marlstone and limestone, from the top of the Garden Gulch Member at 4218 feet (KB) to the top of the Wasatch Formation estimated to be 6575 feet (KB). All formation top depths are based on correlation to the Federal No.1-26-8-17 (UT20702-04671) Type Log.

Authorization for Additional Well: UIC Area Permit UT20852-00000

Well: Humpback Federal No. 3-24-8-17 EPA Well ID: UT20852-07571

Well Construction: There is 80% bond index cement bond across the Confining Zone.

Surface: 8-5/8" casing is set at 307 feet (KB) in a 12-1/4" hole, using 160 sacks of cement which was circulated to the surface.

Longstring: 5-1/2" casing is set at 6473 feet (KB) in a 7-7/8" hole and secured with 875 sacks of cement. Top of cement (TOC) calculated by EPA is 830 feet. TOC by CBL is 46 feet.

Perforations: Gross Perforations: 4767 feet to 6136 feet.

Determination of a Fracture Gradient: Of the four (4) sand/fracture treatments conducted on the Humpback Federal No. 3-24-8-17, the minimum calculated fracture gradient (FG) is 0.72 psi/ft; a value in accord with FGs derived from Step-Rate Tests (STR) conducted on injection wells proximate to the subject well. Until an SRT has been run on the subject well, the EPA will use a FG of 0.72 psi/ft to calculate the MAIP.

Step-Rate Test (SRT): A Step-Rate Test may be required to confirm that the initial maximum authorized injection pressure (MAIP), based on sand/frac treatments, is appropriate to ensure that pressure during injection will not initiate new fractures or propagate existing fractures in the confining zone.

Wells in Area of Review (AOR): The following Green River well locations are within or proximate to a one-quarter (1/4) mile radius around the Humpback Federal No. 3-24-8-17. The current status of each was verified by Newfield. Other than a weekly inspection of the Humpback Federal No. 6-24-8-17 oil well for surface injectate leakage, no corrective action is required.

No. 1-26-4-1	Location	NE NE Section 26 - T4S - R1W
No. 8-26-4-1	Location	SE NE Section 26 - T4S - R1W
Humpback Federal No. 6-24-8-17		SE NW Section 24 - T8S - R17E

Humpback Federal 3-24-8-17

Spud Date: 04/27/06
 Put on Production: 05/26/06
 K.B.: 4997, G.L.: 4985

Initial Production: BOPD,
 MCFD, BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8" *Base USDWs L235'*
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (295.35') *TOC/EPA 830'*
 DEPTH LANDED: 307.20' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 153 jts (6459.80')
 DEPTH LANDED: 6473.05' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 400 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.
 CEMENT TOP AT: 46' *3630'*

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 191 jts (6021.71')
 TUBING ANCHOR: 6033.71' KB
 NO. OF JOINTS: 4 jts (125.97')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 6162.48' KB
 NO. OF JOINTS: 2 jts (63.12')
 TOTAL STRING LENGTH: EOT @ 6227.15' KB

FRAC JOB

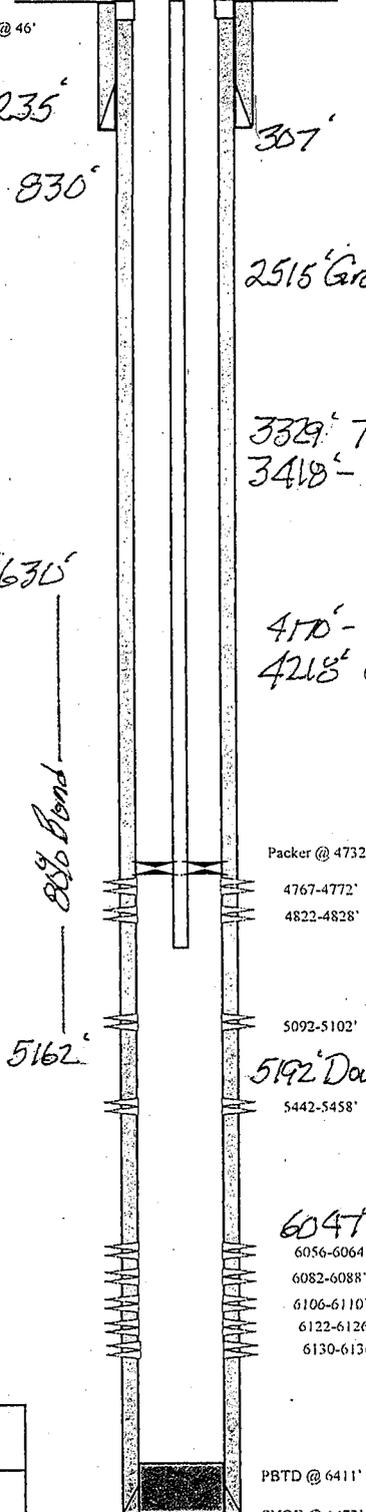
05/22/06 6056-6136' Frac CP1, CP2, CP.5 sands as follows:
 75416# 20/40 sand in 602 bbls Lightning 17
 frac fluid. Treated @ avg press of 1582 psi
 w/avg rate of 25.4 BPM. ISIP 1810 psi. Calc
 flush: 6134 gal. Actual flush: 5502 gal

05/22/06 5442-5458' Frac C sands as follows:
 90603# 20/40 sand in 668 bbls Lightning 17
 frac fluid. Treated @ avg press of 1305 psi
 w/avg rate of 25.4 BPM. ISIP 1540 psi. Calc
 flush: 5456 gal. Actual flush: 4914 gal.

05/23/06 5092-5102' Frac DS1 sands as follows:
 24786# 20/40 sand in 334 bbls Lightning 17
 frac fluid. Treated @ avg press of 2352 psi
 w/avg rate of 25.3 BPM. ISIP 2650 psi. Calc
 flush: 5100 gal. Actual flush: 4578 gal

05/23/06 4767-4828' Frac GB6 sands as follows:
 20463# 20/40 sand in 285 bbls Lightning 17
 frac fluid. Treated @ avg press of 2157 psi
 w/avg rate of 25.5 BPM. ISIP 2090 psi. Calc
 flush: 4826 gal. Actual flush: 4662 gal.

307'
2515' Green River
3329' Trona
3418' - 3438' Mahogany Bench
410' - 4218' Confining Zone
4218' Garden Gulch



PERFORATION RECORD

Date	Interval	Tool	Holes
05/18/06	6130-6136'	4 JSPF	24 holes
05/18/06	6122-6126'	4 JSPF	16 holes
05/18/06	6106-6110'	4 JSPF	16 holes
05/18/06	6082-6088'	4 JSPF	24 holes
05/18/06	6056-6064'	4 JSPF	32 holes
05/22/06	5442-5458'	4 JSPF	64 holes
05/22/06	5092-5102'	4 JSPF	40 holes
05/23/06	4822-4828'	4 JSPF	24 holes
05/23/06	4767-4772'	4 JSPF	20 holes

NEWFIELD

Humpback Federal 3-24-8-17

200' FNL & 1981' FWL

NE/NW Section 24-T8S-R17E

Uintah Co, Utah

API #43-047-36504; Lease #UTU-45431

PBTD @ 6411'
 SHOE @ 6473' *6450' Basal Carbonate*

TD @ 6500' *Est. 6575' Hasateh*

Humpback Federal 3-24-8-17

Spud Date: 04/27/06
 Put on Production: 05/26/06
 K.B.: 4997, G.L.: 4985

Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8" *Base USDWs < 235'*
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (295.35')
 DEPTH LANDED: 307.20' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

Pump 41 sxs Class G Cement down 5-1/2" casing to 357'
 Casing Shoe @ 307'

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 153 jts. (6459.80') *Tron2 3329'*
 DEPTH LANDED: 6473.05' KB *Mahogany B. 3418'-38'*
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 400 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.
 CEMENT TOP AT: 46'

2465'-2565' Cement Plug
3275'-3488' Cement Plug
4170'-4218' Confining Zone
4218' Garden Gulch

3635'
80% Band
5162'

20'+ 1 Class G Cement plug on top of CIBP
 CIBP @ 4717
 4767-4772'
 4822-4828'
 5092-5102'
5192' Douglas Creek
 5442-5458'

6047' Castle Peak Market
 6056-6064'
 6082-6088'
 6106-6110'
 6122-6126'
 6130-6136'

PBTD @ 6411'
 SHOE @ 6473' *6450' Basal Carbonate*
 TD @ 6500'

 <p>NEWFIELD</p>
<p>Humpback Federal 3-24-8-17</p> <p>200' FNL & 1981' FWL</p> <p>NE/NW Section 24-T8S-R17E</p> <p>Uintah Co, Utah</p> <p>API #43-047-36504; Lease #UTU-45431</p>

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

5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-45431
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: HUMPBAC UNIT
8. WELL NAME and NUMBER: HUMPBAC FEDERAL 3-24-8-17
9. API NUMBER: 4304736504
10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

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

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 200 FNL 1981 FWL LOT 3
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENW, 24, T8S, R17E

COUNTY: UINTAH
STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input 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: 11/05/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" 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 type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The subject well has been converted from a producing oil well to an injection well on 11/5/07.
On 11/14/07 Dan Jackson with the EPA was contacted concerning the initial MIT on the above listed well (HB 3-24-8-17). Permission was given at that time to perform the test on 11/14//07. On 11/14/07 the casing was pressured up to 1230 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT 20852-07571 API# 43-047-36504

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

NAME (PLEASE PRINT) Callie Ross TITLE Production Clerk

SIGNATURE Callie Ross DATE 11/15/2007

(This space for State use only)

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NOV 16 2007
DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 11/14/07
 Test conducted by: Dele Giles
 Others present: _____

Well Name: <u>Humpback Fed. 3-24-8-17</u>		Type: ER SWD	Status: AC TA UC
Field: <u>Humpback Unit</u>			
Location: _____	Sec: <u>24 T 8 N 17 R 17 E W</u>	County: <u>Uintah</u>	State: <u>Ut.</u>
Operator: <u>Newfield production co.</u>			
Last MIT: <u>1</u>	<u>1</u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

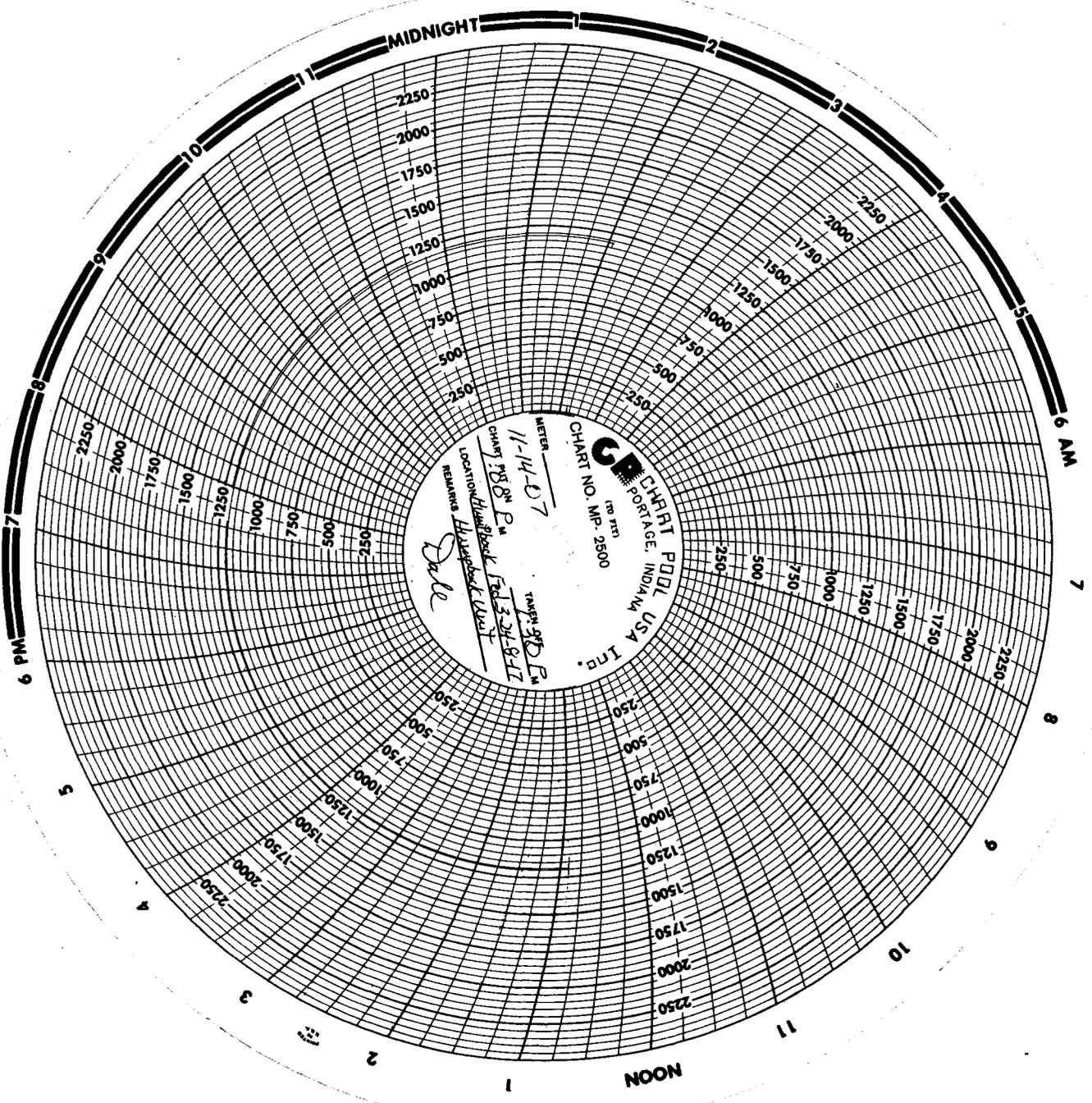
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1190</u> psig	psig	psig
5 minutes	<u>1190</u> psig	psig	psig
10 minutes	<u>1190</u> psig	psig	psig
15 minutes	<u>1190</u> psig	psig	psig
20 minutes	<u>1190</u> psig	psig	psig
25 minutes	<u>1190</u> psig	psig	psig
30 minutes	<u>1190</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? Yes No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



METER 11-14-D7
CHART P18 8th P.M.
LOCATION Hubbuck Rd 13.24.817
REMARKS Hubbuck Rd
Sale

CHART P18
INDIA, IN
USA INC.
CHART NO. MP-2500
INDIA, IN

HUMPBACK 3-24-8-17**9/1/2007 To 1/30/2008****11/2/2007 Day: 1****Conversion**

NC #3 on 11/1/2007 - MIRUSU. Pump 60 bbls water down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 60 bbls water @ 250°. Softseat & pressure test tbg to 3000 psi w/ 10 bbls water. Good test. Unseat rod pump. TOH & LD w/ 100- 7/8 guided rods, 130- 3/4 plain rods, 10- 3/4 guided rods, 6- 11/2 wt bars, rod pump. X- over to tbg eq. ND wellhead. Release TA. NU BOP. RU rig floor. TOH doping & inspecting pins w/ 160- jts 2 7/8. SDFD.

11/3/2007 Day: 2**Conversion**

NC #3 on 11/2/2007 - Cont TOH w/ production tbg & BHA. PU TIH w/ 4 3/4 bit & 5 1/2 tbg scraper, 197- jts 2 7/8. Cleared perms. Flush tbg w/ 30 bbls water @ 250°. TOH doping & inspecting pins w/ 149- jts 2 7/8. Flush tbg w/ 20 bbls water @ 250°. LD excess tbg. PU TIH w/ 5 1/2 Arrowset Pkr, SN w/ std valve in place, 149- jts 2 7/8. Pressure test tbg to 3000 psi for 1 hr. Used 32 bbls water to test tbg. RU sandline to retrieve std valve. RD sandline & std valve. RD rig floor. ND BOP. Set Pkr w/ 15000# tension. NU wellhead. Pump 20 gallons pkr fluid & 55 bbls fresh water down csg. Pressure csg & Pkr to 1300 psi. Leave pressure on csg over weekend. SDFD.

11/6/2007 Day: 3**Conversion**

NC #3 on 11/5/2007 - Csg pressure dropped to 1150 psi. Repressure csg to 1300 psi for 1 hr. Good test. RDMOSU. READY FOR MIT!!

11/15/2007 Day: 4**Conversion**

Rigless on 11/14/2007 - On 11/14/07 Dan Jackson with the EPA was contacted concerning the initial MIT on the above listed well (HB 3-24-8-17). Permission was given at that time to perform the test on 11/14//07. On 11/14/07 the csg was pressured up to 1230 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 100 psig during the test. There was not an EPA representative available to witness the test. EPA# UT43-047-36504 API# 20852-07571

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-45431

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: HUMPBAC UNIT
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		8. WELL NAME and NUMBER: HUMPBAC FEDERAL 3-24-8-17
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 200 FNL 1981 FWL LOT 3		9. API NUMBER: 4304736504
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENW, 24, T8S, R17E		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: UINTAH
		STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 11/05/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" 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 type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The subject well has been converted from a producing oil well to an injection well on 11/5/07.
On 11/14/07 Dan Jackson with the EPA was contacted concerning the initial MIT on the above listed well (HB 3-24-8-17). Permission was given at that time to perform the test on 11/14/07. On 11/14/07 the casing was pressured up to 1190 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT 20852-07571

API# 43-047-36504

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

NAME (PLEASE PRINT) Callie Ross TITLE Production Clerk
SIGNATURE *Callie Ross* DATE 11/27/2007

(This space for State use only)

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NOV 28 2007
DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-45431

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:
HUMPBAC UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
HUMPBAC FEDERAL 3-24-8-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4304736504

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

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 200 FNL 1981 FWL LOT 3

COUNTY: UINTAH

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENW, 24, 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 <hr/>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>02/29/2008</u>	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Change status. Put on injection
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

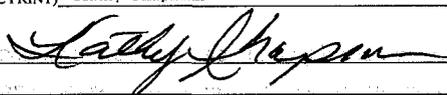
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 10:30 AM on 2-29-08.

NAME (PLEASE PRINT) Kathy Chapman

TITLE Office Manager

SIGNATURE



DATE 03/03/2008

(This space for State use only)

RECEIVED
MAR 04 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)
 200 FNL 1981 FWL LOT 3
 NENW Section 24 T8S R17E

5. Lease Serial No.
 USA UTU-45431

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
 HUMPBACK FEDERAL 3-24-8-17

9. API Well No.
 4304736504

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 Uintah, 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	Step Rate Test _____
	<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.)

A step rate test was conducted on the subject well on June 9, 2008. Results from the test indicate that the fracture gradient is .741 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1435 psi.

**Accepted by the
 Oil, Gas and
 FOR RECORD ONLY**

I hereby certify that the foregoing is true and correct (Printed/ Typed) Chevenne Bateman	Title Well Analyst Foreman
Signature 	Date 06/23/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

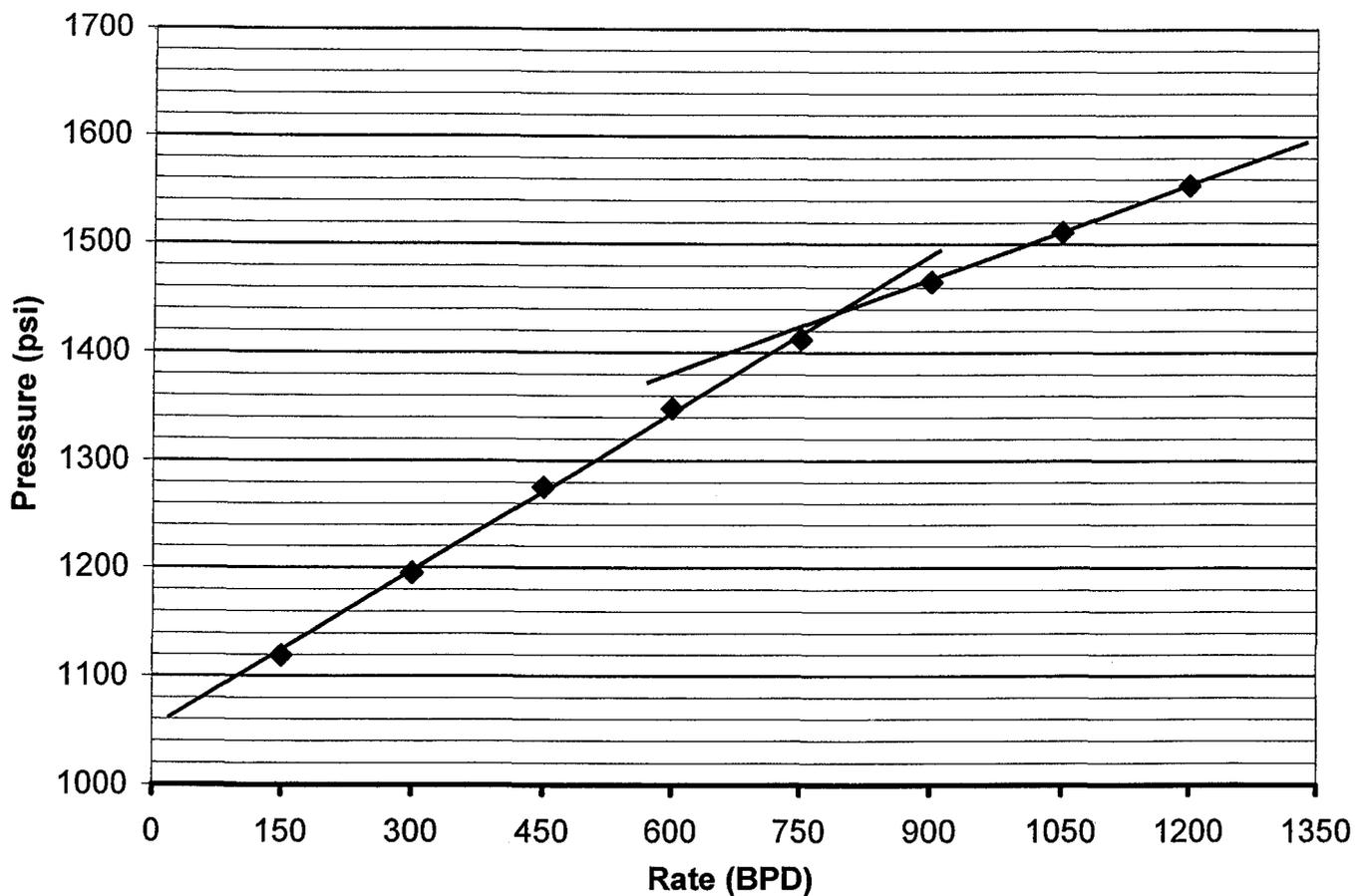
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

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
JUN 24 2008
 DIV. OF OIL, GAS & MINING

Humpback Federal 3-24-8-17
Humpback Unit
Step Rate Test
June 9, 2008



Start Pressure: 1045 psi
Instantaneous Shut In Pressure (ISIP): 1479 psi
Top Perforation: 4767 feet
Fracture pressure (P_{fp}): 1435 psi
FG: 0.741 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	150	1119
2	300	1195
3	450	1275
4	600	1348
5	750	1412
6	900	1465
7	1050	1511
8	1200	1554

Step Rate Test (SRT) Analysis

Date: 06/23/2008

Operator: Newfield Production Company
 Well: Humpback Federal 3-24-8-17
 Permit #: UT20852-07571

Enter the following data :

Specific Gravity (sg) of injectate = 1.015 g/cc

Depth to top perforation (D) = 4767 feet 4767

Top of permitted injection zone depth (blank=use top perforation to calculate fg) = _____ feet

Estimated Formation Parting Pressure (P_{ff}) from SRT chart = 1435 psi

Instantaneous Shut In Pressure (ISIP) from SRT = 1479 psi 1435

Bottom Hole Parting Pressure (P_{bhp}) from downhole pressure recorder = _____ psi no downhole

Part One - Calculation of Fracture Gradient (fg)

Calculated Fracture Gradient = 0.741 psi/ft.

where: fg = P_{bhp} / D (Note: this formula uses the downhole recorded bottom hole parting pressure if available) = 1479

D = depth used = 4767

P_{bhp} used = 3530

Calculated Bottom Hole Parting Pressure (P_{bhp}) = 3530 psi 3530.073

to calculate Bottom Hole Parting Pressure (P_{bhp}) = Formation Fracture Pressure (ISIP or P_{ff}) + (0.433 * SG * D)

(Uses lesser of ISIP or P_{ff}) Value used = 1435

Part Two - Calculation of Maximum Allowable Injection Pressure (MAIP)

Maximum Allowable Injection Pressure (MAIP) = 1435 psig

D = depth used = 4767

MAIP = [fg - (0.433 * SG)] * D = 1437.274

(rounded down to nearest 5 psig)

PSIA

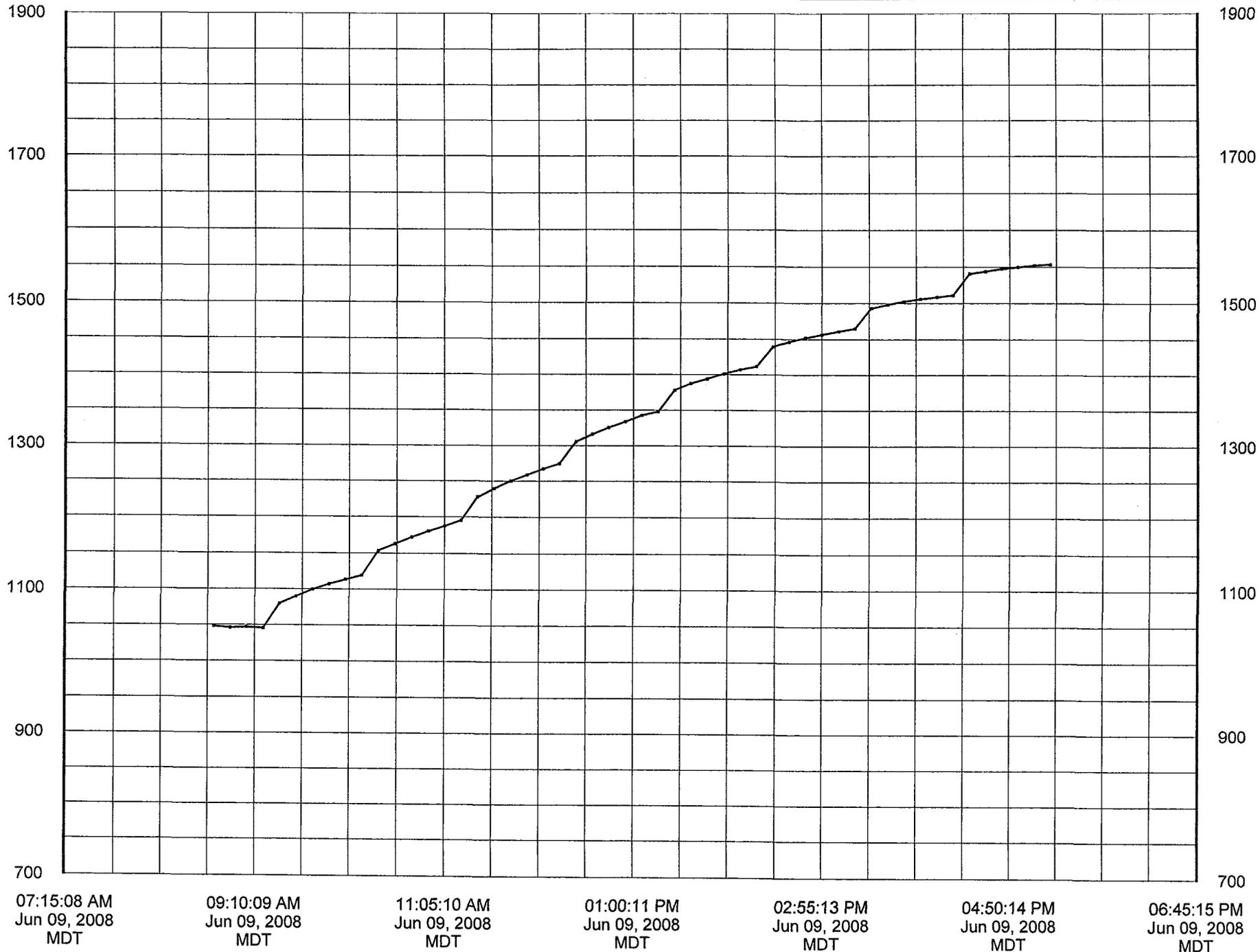
Absolute Pressure



Humpback Federal 3-24-8-17 SRT
(6-9-08)

Device - PrTemp1000
Serial Number - M75866
Device ID - PrTemp

PSIA



Report Name: PrTemp1000 Data Table
 Report Date: Jun 10, 2008 08:07:29 AM MDT
 File Name: C:\Program Files\PTC\Instruments 2.00\Humpback Federal 3-24-8-17 SRT (6-9-08)\csv.csv
 Title: Humpback Federal 3-24-8-17 SRT (6-9-08)
 Device: PrTemp1000 - Temperature and Pressure Recorder
 Hardware Revision: REV2C (64K)
 Serial Number: M75866
 Device ID: PrTemp
 Data Start Date: Jun 09, 2008 08:45:12 AM MDT
 Data End Date: Jun 09, 2008 05:15:12 PM MDT
 Reading Rate: 1 Minute
 Readings: 1 to 52 of 52
 Last Calibration Date: May 21, 2008
 Next Calibration Date: May 21, 2009

<u>Reading</u>	<u>Date and Time (MDT)</u>	<u>Absolute Pressure</u>	<u>Annotation</u>
1	Jun 09, 2008 08:45:12 AM	1048.000	PSIA
2	Jun 09, 2008 08:55:13 AM	1046.000	PSIA
3	Jun 09, 2008 09:05:13 AM	1046.800	PSIA
4	Jun 09, 2008 09:15:13 AM	1045.400	PSIA
5	Jun 09, 2008 09:25:13 AM	1079.800	PSIA
6	Jun 09, 2008 09:35:12 AM	1089.800	PSIA
7	Jun 09, 2008 09:45:12 AM	1099.400	PSIA
8	Jun 09, 2008 09:55:12 AM	1106.800	PSIA
9	Jun 09, 2008 10:05:12 AM	1113.200	PSIA
10	Jun 09, 2008 10:15:12 AM	1119.200	PSIA
11	Jun 09, 2008 10:25:13 AM	1153.400	PSIA
12	Jun 09, 2008 10:35:13 AM	1162.800	PSIA
13	Jun 09, 2008 10:45:13 AM	1172.000	PSIA
14	Jun 09, 2008 10:55:13 AM	1180.200	PSIA
15	Jun 09, 2008 11:05:12 AM	1187.600	PSIA
16	Jun 09, 2008 11:15:12 AM	1195.400	PSIA
17	Jun 09, 2008 11:25:12 AM	1227.600	PSIA
18	Jun 09, 2008 11:35:12 AM	1239.600	PSIA
19	Jun 09, 2008 11:45:12 AM	1250.200	PSIA
20	Jun 09, 2008 11:55:13 AM	1258.800	PSIA
21	Jun 09, 2008 12:05:13 PM	1267.400	PSIA
22	Jun 09, 2008 12:15:13 PM	1274.800	PSIA
23	Jun 09, 2008 12:25:13 PM	1305.600	PSIA
24	Jun 09, 2008 12:35:12 PM	1316.200	PSIA
25	Jun 09, 2008 12:45:12 PM	1325.400	PSIA
26	Jun 09, 2008 12:55:12 PM	1333.600	PSIA
27	Jun 09, 2008 01:05:12 PM	1342.600	PSIA
28	Jun 09, 2008 01:15:12 PM	1348.000	PSIA
29	Jun 09, 2008 01:25:13 PM	1378.200	PSIA
30	Jun 09, 2008 01:35:13 PM	1387.600	PSIA
31	Jun 09, 2008 01:45:13 PM	1394.200	PSIA
32	Jun 09, 2008 01:55:13 PM	1401.200	PSIA
33	Jun 09, 2008 02:05:12 PM	1407.000	PSIA
34	Jun 09, 2008 02:15:12 PM	1411.800	PSIA
35	Jun 09, 2008 02:25:12 PM	1439.400	PSIA
36	Jun 09, 2008 02:35:12 PM	1446.400	PSIA
37	Jun 09, 2008 02:45:12 PM	1452.200	PSIA
38	Jun 09, 2008 02:55:13 PM	1456.600	PSIA
39	Jun 09, 2008 03:05:13 PM	1461.200	PSIA
40	Jun 09, 2008 03:15:13 PM	1465.200	PSIA
41	Jun 09, 2008 03:25:13 PM	1493.200	PSIA
42	Jun 09, 2008 03:35:12 PM	1498.400	PSIA
43	Jun 09, 2008 03:45:12 PM	1502.800	PSIA
44	Jun 09, 2008 03:55:12 PM	1506.000	PSIA
45	Jun 09, 2008 04:05:12 PM	1508.800	PSIA
46	Jun 09, 2008 04:15:12 PM	1511.400	PSIA
47	Jun 09, 2008 04:25:13 PM	1541.000	PSIA
48	Jun 09, 2008 04:35:13 PM	1544.200	PSIA
49	Jun 09, 2008 04:45:13 PM	1547.600	PSIA
50	Jun 09, 2008 04:55:13 PM	1549.800	PSIA
51	Jun 09, 2008 05:05:12 PM	1552.200	PSIA
52	Jun 09, 2008 05:15:12 PM	1553.600	PSIA

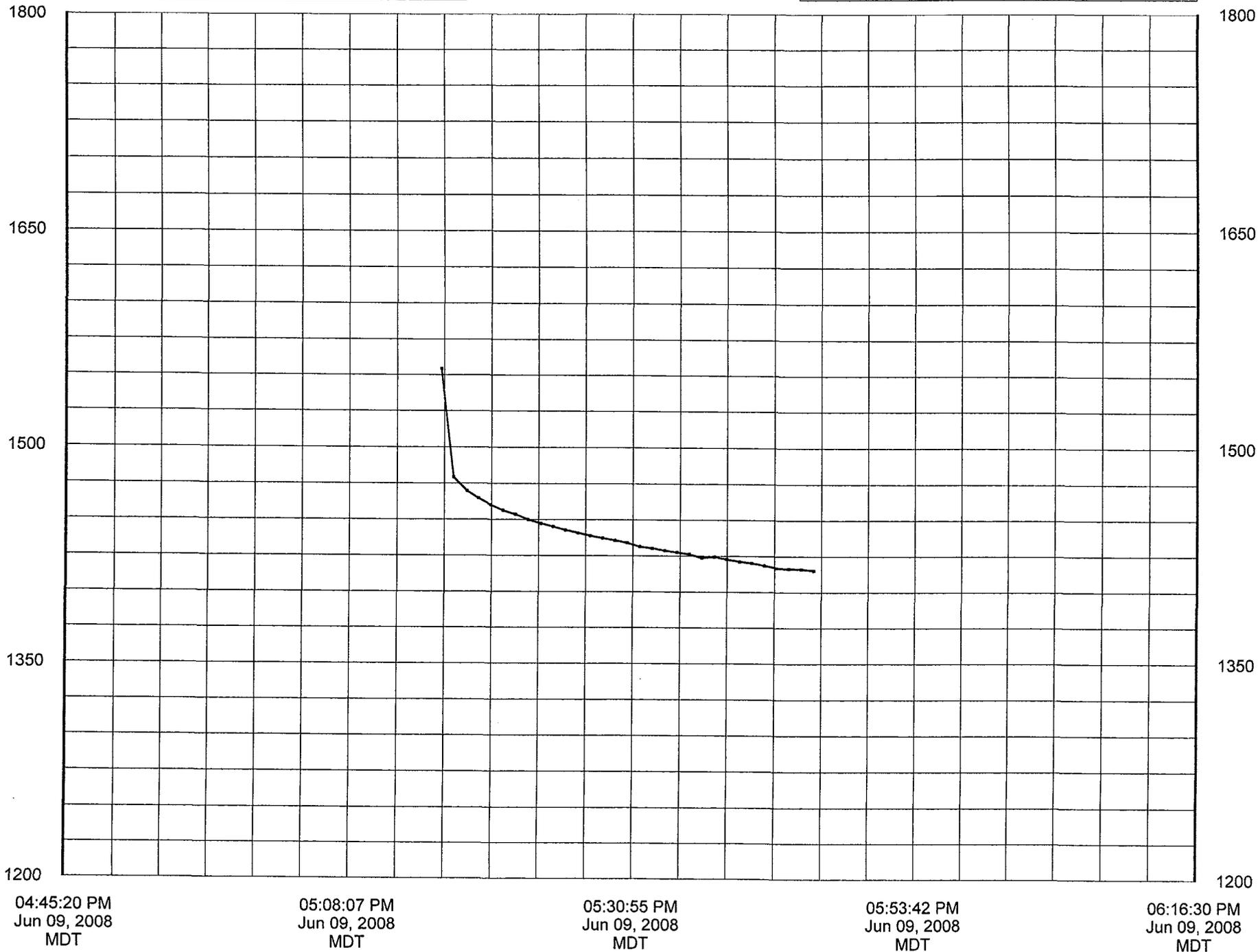
PSIA

Absolute Pressure

Humpback Federal 3-24-8-17 ISI
(6-9-08)

Device - PrTemp1000
Serial Number - M75866
Device ID - PrTemp

PSIA



Report Name: PrTemp1000 Data Table
 Report Date: Jun 10, 2008 08:07:18 AM MDT
 File Name: C:\Program Files\PTC@ Instruments 2.00\Humpback Federal 3-24-8-17 ISI
 (6-9-08)csv.csv
 Title: Humpback Federal 3-24-8-17 ISI (6-9-08)
 Device: PrTemp1000 - Temperature and Pressure Recorder
 Hardware Revision: REV2C (64K)
 Serial Number: M75866
 Device ID: PrTemp
 Data Start Date: Jun 09, 2008 05:15:28 PM MDT
 Data End Date: Jun 09, 2008 05:45:28 PM MDT
 Reading Rate: 1 Minute
 Readings: 1 to 31 of 31
 Last Calibration Date: May 21, 2008
 Next Calibration Date: May 21, 2009

<u>Reading</u>	<u>Date and Time (MDT)</u>	<u>Absolute Pressure</u>	<u>Annotation</u>
1	Jun 09, 2008 05:15:28 PM	1554.400	PSIA
2	Jun 09, 2008 05:16:28 PM	1479.200	PSIA
3	Jun 09, 2008 05:17:33 PM	1469.800	PSIA
4	Jun 09, 2008 05:18:28 PM	1464.800	PSIA
5	Jun 09, 2008 05:19:28 PM	1460.000	PSIA
6	Jun 09, 2008 05:20:28 PM	1456.400	PSIA
7	Jun 09, 2008 05:21:28 PM	1453.600	PSIA
8	Jun 09, 2008 05:22:28 PM	1450.000	PSIA
9	Jun 09, 2008 05:23:29 PM	1447.400	PSIA
10	Jun 09, 2008 05:24:28 PM	1445.200	PSIA
11	Jun 09, 2008 05:25:28 PM	1442.800	PSIA
12	Jun 09, 2008 05:26:28 PM	1440.800	PSIA
13	Jun 09, 2008 05:27:28 PM	1438.800	PSIA
14	Jun 09, 2008 05:28:28 PM	1437.200	PSIA
15	Jun 09, 2008 05:29:28 PM	1435.600	PSIA
16	Jun 09, 2008 05:30:28 PM	1434.000	PSIA
17	Jun 09, 2008 05:31:28 PM	1431.400	PSIA
18	Jun 09, 2008 05:32:28 PM	1430.200	PSIA
19	Jun 09, 2008 05:33:28 PM	1428.600	PSIA
20	Jun 09, 2008 05:34:28 PM	1427.400	PSIA
21	Jun 09, 2008 05:35:28 PM	1426.200	PSIA
22	Jun 09, 2008 05:36:28 PM	1423.800	PSIA
23	Jun 09, 2008 05:37:28 PM	1424.400	PSIA
24	Jun 09, 2008 05:38:28 PM	1422.800	PSIA
25	Jun 09, 2008 05:39:29 PM	1421.200	PSIA
26	Jun 09, 2008 05:40:28 PM	1420.200	PSIA
27	Jun 09, 2008 05:41:28 PM	1418.600	PSIA
28	Jun 09, 2008 05:42:28 PM	1416.800	PSIA
29	Jun 09, 2008 05:43:28 PM	1416.400	PSIA
30	Jun 09, 2008 05:44:28 PM	1416.200	PSIA
31	Jun 09, 2008 05:45:28 PM	1415.200	PSIA

Humpback Federal 3-24-8-17 Rate Sheet (6-9-08)

<i>Step # 1</i>	Time:	9:25	9:35	9:45	9:55	10:05	10:15
	Rate:	150.6	150.5	150.5	150.4	150.3	150.3
<i>Step # 2</i>	Time:	10:25	10:35	10:45	10:55	11:05	11:15
	Rate:	300.4	300.4	300.2	300.1	300.1	300
<i>Step # 3</i>	Time:	11:25	11:35	11:45	11:55	12:05	12:15
	Rate:	450.9	450.7	450.5	450.4	450.3	450
<i>Step # 4</i>	Time:	12:25	12:35	12:45	12:55	1:05	1:15
	Rate:	600.8	600.7	600.4	600.3	600.2	600.1
<i>Step # 5</i>	Time:	1:25	1:35	1:45	1:55	2:05	2:15
	Rate:	751.2	750.9	750.6	750.4	750.4	750.3
<i>Step # 6</i>	Time:	2:25	2:35	2:45	2:55	3:05	3:15
	Rate:	901.5	901.1	900.7	900.6	900.3	900.1
<i>Step # 7</i>	Time:	3:25	3:35	3:45	3:55	4:05	4:15
	Rate:	1050.7	1050.6	1050.5	1050.3	1050.2	1050.1
<i>Step # 8</i>	Time:	4:25	4:35	4:45	4:55	5:05	5:15
	Rate:	1200.9	1200.8	1200.5	1200.5	1200.3	1200.2
	Time:						
	Rate:						

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-45431
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: HUMPBAC FED 3-24-8-17
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43047365040000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0200 FNL 1981 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 24 Township: 08.0S Range: 17.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

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 Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/11/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="5 YR MIT"/>

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

On 10/08/2012 Sarah Roberts with the EPA was contacted concerning the 5 year MIT on the above listed well. On 10/11/2012 the casing was pressured up to 1090 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1364 psig during the test. There was not an EPA representative available to witness the test. EPA# UT 20852-07571

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
October 22, 2012**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/16/2012	

Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 10 1 11 12
 Test conducted by: Kevin Powell
 Others present: _____

UT 20852-07571

Well Name: <u>Humpback Federal 3-24-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Marathon Basin</u>		
Location: <u>NE/Sec 3</u> Sec: <u>24</u> T <u>8</u> N <u>(S)</u> R <u>17(E)</u> W County: <u>Uintah</u> State: <u>Ut</u>		
Operator: <u>Kevin Powell</u>		
Last MIT: <u>1 1</u>	Maximum Allowable Pressure: <u>1425</u> PSIG	

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 1090 / 1364 psig

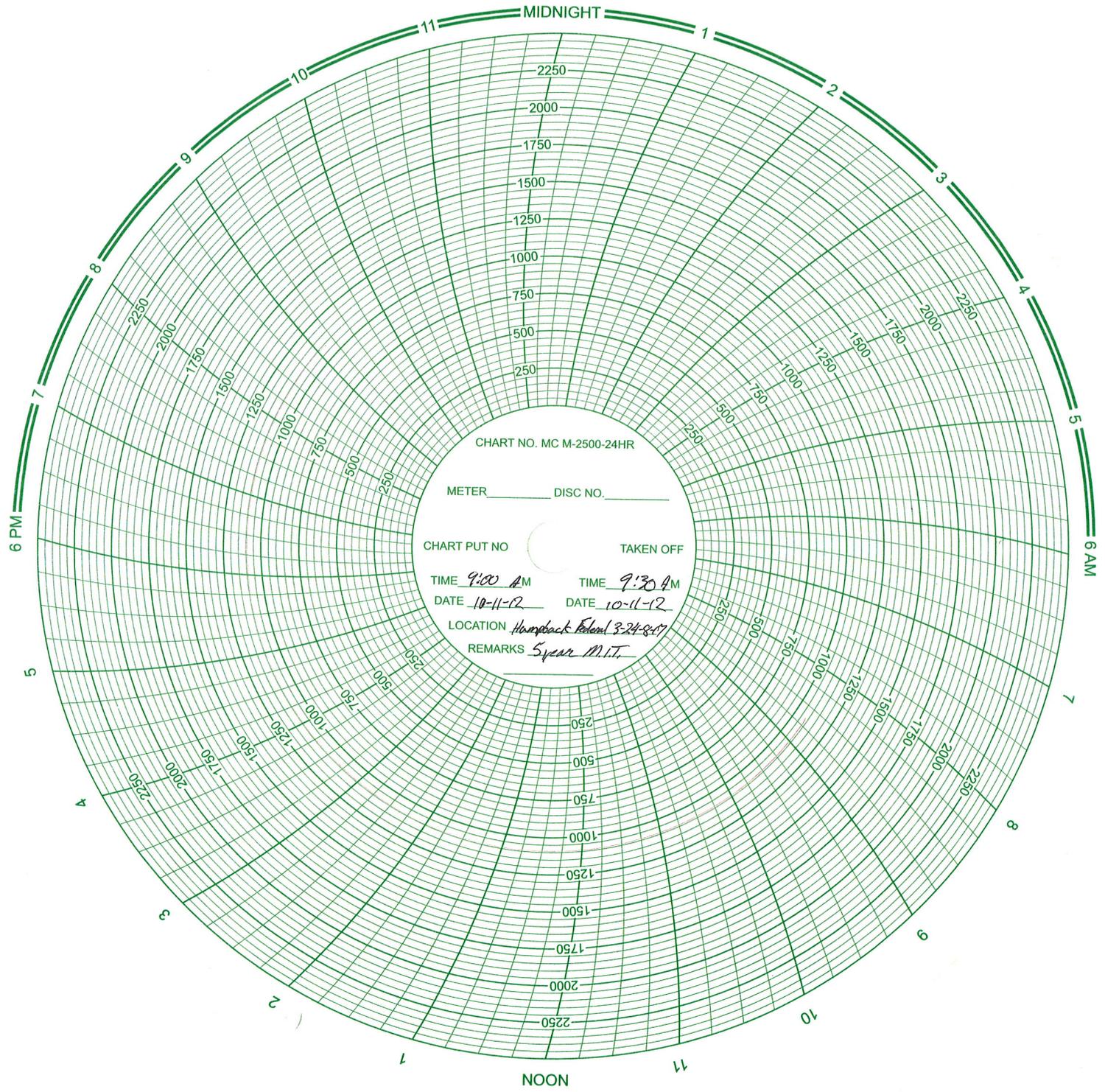
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1364</u> psig	psig	psig
End of test pressure	<u>1364</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1090</u> psig	psig	psig
5 minutes	<u>1090</u> psig	psig	psig
10 minutes	<u>1090</u> psig	psig	psig
15 minutes	<u>1090</u> psig	psig	psig
20 minutes	<u>1090</u> psig	psig	psig
25 minutes	<u>1090</u> psig	psig	psig
30 minutes	<u>1090</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? Yes No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



Humpback Federal 3-24-8-17

Spud Date: 04/27/06
 Put on Production: 05/26/06
 K.B.: 4997, G.L.: 4985

Initial Production: BOPD,
 MCFD, BWPD

Injection Wellbore Diagram

SURFACE CASING

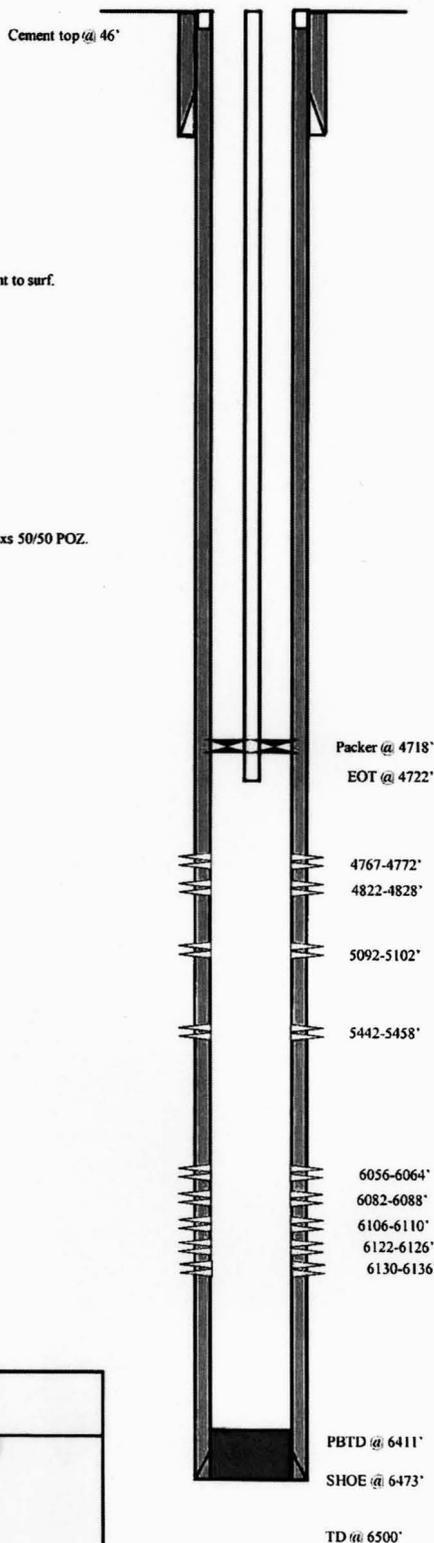
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (295.35')
 DEPTH LANDED: 307.20' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 153 jts. (6459.80')
 DEPTH LANDED: 6473.05' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 400 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.
 CEMENT TOP AT: 46'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 149 jts (4701.65')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4713.65' KB
 TOTAL STRING LENGTH: EOT @ 4722.25' KB



FRAC JOB

05/22/06 6056-6136' **Frac CP1, CP2, CP.5 sands as follows:**
 75416# 20/40 sand in 602 bbls Lightning 17
 frac fluid. Treated @ avg press of 1582 psi
 w/avg rate of 25.4 BPM. ISIP 1810 psi. Calc
 flush: 6134 gal. Actual flush: 5502 gal.

05/22/06 5442-5458' **Frac C sands as follows:**
 90603# 20/40 sand in 668 bbls Lightning 17
 frac fluid. Treated @ avg press of 1305 psi
 w/avg rate of 25.4 BPM. ISIP 1540 psi. Calc
 flush: 5456 gal. Actual flush: 4914 gal.

05/23/06 5092-5102' **Frac DS1 sands as follows:**
 24786# 20/40 sand in 334 bbls Lightning 17
 frac fluid. Treated @ avg press of 2352 psi
 w/avg rate of 25.3 BPM. ISIP 2650 psi. Calc
 flush: 5100 gal. Actual flush: 4578 gal.

05/23/06 4767-4828' **Frac GB6 sands as follows:**
 20463# 20/40 sand in 285 bbls Lightning 17
 frac fluid. Treated @ avg press of 2157 psi
 w/avg rate of 25.5 BPM. ISIP 2090 psi. Calc
 flush: 4826 gal. Actual flush: 4662 gal.

11/5/07 **Well converted to an Injection well.**
 11/14/07 **MIT completed and submitted.**

PERFORATION RECORD

Date	Interval	Tool	Holes
05/18/06	6130-6136'	4 JSPF	24 holes
05/18/06	6122-6126'	4 JSPF	16 holes
05/18/06	6106-6110'	4 JSPF	16 holes
05/18/06	6082-6088'	4 JSPF	24 holes
05/18/06	6056-6064'	4 JSPF	32 holes
05/22/06	5442-5458'	4 JSPF	64 holes
05/22/06	5092-5102'	4 JSPF	40 holes
05/23/06	4822-4828'	4 JSPF	24 holes
05/23/06	4767-4772'	4 JSPF	20 holes

NEWFIELD

Humpback Federal 3-24-8-17

200' FNL & 1981' FWL

NE/NW Section 24-T8S-R17E

Uintah Co, Utah

API #43-047-36504; Lease #UTU-45431