



June 26, 2001

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

RE: Application for Permit to Drill Well No: 1A-26-8-17, 6-26-8-17, and
9-26-8-17.

Dear Brad:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free
to give either Brad or myself a call.

Sincerely,

Mandie Crozier
Permit Clerk

mc
enclosures

cc: Jon Holst
Denver office well file
Pleasant Valley well file

RECEIVED

JUN 26 2001

DIVISION OF
OIL, GAS AND MINING

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK **DRILL** **DEEPEN**

1b. TYPE OF WELL

OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

5. LEASE DESIGNATION AND SERIAL NO.
UTU-67845

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

7. UNIT AGREEMENT NAME
Humpback

8. FARM OR LEASE NAME WELL NO.
1A-26-8-17

9. API WELL NO.

10. FIELD AND POOL OR WILDCAT
Monument Butte

11. SEC. T. R., M. OR BLK. AND SURVEY OR AREA
**NE/NE
Sec. 26, T8S, R17E**

12. County
Uintah

13. STATE
UT

2. NAME OF OPERATOR
Inland Production Company

3. ADDRESS OF OPERATOR
Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *)
At Surface **NE/NE 461' FEL 833' FNL** **4438473N**
At proposed Prod. Zone **588216E**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 19.0 miles southeast of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to Approx. 833' f/lse line & 859' f/unit line	16. NO. OF ACRES IN LEASE 560.00	17. NO. OF ACRES ASSIGNED TO THIS WELL 40
---	--	---

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL. DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. Approx. 1282'	19. PROPOSED DEPTH 6500'	20. ROTARY OR CABLE TOOLS Rotary
--	------------------------------------	--

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5012.8' GR	22. APPROX. DATE WORK WILL START* 3rd Quarter 2001
---	--

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Refer to Monument Butte Field SOP's Drilling Program/Casing Design				

Inland Production Company proposes to drill this well in accordance with the attached exhibits.

The Conditions of Approval are also attached.

RECEIVED
JUN 28 2001
DIVISION OF
OIL, GAS AND MINES

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

24. SIGNED *Mandi Crozier* TITLE **Permit Clerk** DATE **June 26, 2001**

(This space for Federal or State office use)

PERMIT NO. **43-047-34160** APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those lands in the proposed lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

**Federal Approval of this
Action is Necessary**

APPROVED BY *Bradley G Hill* TITLE **BRADLEY G. HILL** DATE **07-02-01**
RECLAMATION SPECIALIST III

***See Instructions On Reverse Side**

Well No.: Humpback Unit 1A-26-8-17

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Humpback Unit 1A-26-8-17

API Number:

Lease Number: UTU-67845

Location: NE/NE Sec. 26, T8S, R17E

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL

CULTURAL RESOURCES

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

PALEONTOLOGICAL RESOURCES

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

SOILS, WATERSHEDS, AND FLOODPLAINS

Due to the proposed well location's proximity to perennial waters, the reserve pit must be lined with a 12-mil synthetic liner to avoid seepage.

WILDLIFE AND FISHERIES

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

THREATENED, ENDANGERED, AND OTHER SENSITIVE SPECIES

(See attached Biological Opinion for USFWS dated November 17, 1999).

Proposed access corridors, pipeline corridors, and other areas of proposed surface disturbance must be clearly laid out and surveyed for Uintah Basin Hookless Cactus. Known locations of Uintah Basin Hookless Cactus populations and individuals must be flagged and avoided during construction activities. Roads must be signed to advise motorists to stay on authorized routes.

OTHER

Installation of the surface gas pipeline and any subsequent buried gas or water pipelines will follow the conditions of approval outlined above.

Except as specified in the APD, the installation of the surface gas line and any subsequent buried pipelines will follow the edge of the existing roadways without interfering with the normal travel and maintenance of the roadway.

The installation of any buried pipelines will disturb as little surface as possible and will not exceed 60 feet in width. Reclamation of the water line area will be completed within 10 days after installation. The surface will be recontoured to natural or near natural contours. Reseeding will be with the same seed mixture specified for reclamation of the well site. The interface of the buried line disturbance area and the edge of any adjacent access roads will be constructed with a borrow ditch and road berm to minimize vehicular travel along the water line route.



United States Department of the Interior
FISH AND WILDLIFE SERVICE

UTAH FIELD OFFICE
LINCOLN PLAZA
145 EAST 1300 SOUTH, SUITE 404
SALT LAKE CITY, UTAH 84115



U.S. Department of the Interior
B.L.M.

In Reply Refer To

(FWS/6-UT-00-F-002)

November 17, 1999

Memorandum

To: District Manager, Bureau of Land Management, Vernal, Utah

From: Field Supervisor, Utah Field Office, U.S. Fish and Wildlife Service, Salt Lake City, Utah

Subject: Biological Opinion for the Proposed Inland Production Company Road, Water Pipeline and Natural Gas Pipeline and Potential Well Development within Inland's Humpback and Greater Boundary Oil Field Units.

Division/Area	Initial	Assigned
DM		
AD		
TRC		
PNCR		
ADM		
RES		<input checked="" type="checkbox"/>
OPS		

NOV 19 1999

NAME	INITIALS	DATE
MIN		
DM		
BC		
ALLEN		

In accordance with section 7 of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531 et seq.), and the Interagency Cooperation regulations (50 CFR 402), this memorandum transmits the Fish and Wildlife Service's (Service) final biological opinion for impacts to federally listed endangered species for the proposed development of roads, water pipelines, and natural gas pipelines and future oil well development within Inland Production Company's Humpback and Greater Boundary Oil Field Units. This opinion is provided to you as the lead Federal Agency regarding section 7 consultation on projects covered under this consultation. Copies of this opinion should be provided to the applicant because the Service has incorporated conservation recommendations that should be included as conditions of any permits issued by the Bureau of Land Management (Bureau) for this project.

Reference is made to your memorandum of June 3, 1999, requesting initiation of formal section 7 consultation for the subject oil field road project and sundry notices of May 26, 1999, for the water pipeline, and July 8, 1999, for the natural gas pipeline, transmitted to our office on August 18, 1999, with a Special Status Plant Report for the proposed project area. The Service concurs with your "may affect" determination for the short spined phase of the threatened plant species Sclerocactus glaucus (Uinta Basin hookless cactus).

BIOLOGICAL OPINION

Based upon the best scientific and commercial information that is currently available, it is the Service's biological opinion that the proposed project as described below, is not likely to jeopardize the continued existence of Sclerocactus glaucus. The Service provides additional conservation recommendations for the species which we request be included in any permits or authorizations issued by the Bureau regarding these projects and subsequent well site

environmental stipulations proposed within the Humpback and Greater Boundary Oil Field Units. The proposed project, including subsequent oil well drilling and site development may take up to one hundred individuals of the short-spined phase of Sclerocactus glaucus.

PROJECT DESCRIPTION

Inland Production Company (Inland) proposes to develop roadways, buried water pipelines and surface laid natural gas pipelines within Inland's Humpback and Greater Boundary Oil Field Units (Township 8 South, Range 17 East, Sections 23, 24, 25, 26, 27, 28, 33, 34, and 35 SLBM) within Duchesne and Uintah Counties, Utah. These oil field facilities will enable petroleum extraction for the above oil field units with a projected well density of 40 acres per well (16 wells per section).

BASIS FOR BIOLOGICAL OPINION

The short spined phase of Sclerocactus glaucus is known from one scattered population primarily on Federal Lands managed by the Bureau with a small portion on the Uintah and Ouray Reservation of the Ute Indian Tribe. The entire population of short spined phase of Sclerocactus glaucus is experiencing or is vulnerable to over-collecting and off-road vehicle damage. Most of the species population is within active oil and gas fields. Continued unrestricted off-road vehicle use and future development of the oil and gas fields is likely to jeopardize the continued existence of short spined phase of Sclerocactus glaucus unless specific measures are taken to protect this species and its occupied habitat.

Heil and Porter (1994) and Hochstatter (1993) have demonstrated that the population of diminutive short spined sclerocactii endemic to clay badlands of the Duchesne River Formation south of Myton is a distinct species. The short-spined phase population of Sclerocactus glaucus impacted by the proposed project is the species Sclerocactus brevispinus (Heil and Porter 1994) or Sclerocactus wetlandicus var. ilsea (Hochstatter 1993). This population is a portion of the species S. glaucus listed by the Service as threatened (44 FR 58870 see, also 62 FR 49401).

The Bureau in consultation with both the Service and the project sponsor has designed those oil field projects to impact the minimum number of S. glaucus individuals and the smallest amount of the species potential habitat while still allowing for the development of those projects. Potential secondary impacts will be mitigated to avoid additional impact to S. glaucus populations and habitat. The Service makes the following conservation recommendations, to reclaim lost individuals and habitat, to lessen the impacts of the project.

CONSERVATION RECOMMENDATIONS

The following are conservation recommendations the Service considers crucial in maintaining the population viability of the short-spined phase of S. glaucus.

1. Survey all road and pipeline routes and oil and gas well locations using appropriate cactus survey techniques for the season of survey. Thirty (30) foot wide survey transects through

all suitable habitat will be required during the plants flowering period. Five (5) foot wide transects will be required during non flowering periods. Surveys cannot be done during periods of snow cover.

2. Remove the Sclerocactus glaucus individuals to be lost and, with coordination with the Service, either transmit them to the Service's Utah Field Office for disposition as specimens for biological research in support of the species recovery plan, or utilize them in re-vegetation actions to support the oil fields reclamation actions.

3. Remove the soil surrounding each lost Sclerocactus glaucus plant in circular area with a radius of one meter to depth of 5 centimeters centered on the plant. Secure the soil in a water proof container and maintain the soil container. The Bureau, with coordination with the Service, will use this soil with its presumed Sclerocactus glaucus seed bank in this oil field's reclamation actions.

4. Prohibit unauthorized off-road vehicle use and unauthorized routes off established roads.

5. Sign all appropriate roads to advise all motorists to remain on existing roads. Instruct all vehicle users associated with the field operations to remain on legally defined existing roads and well pads at all times. Enforce off-road vehicle closures within the habitat of S. glaucus.

CONCLUSION

This concludes the Service's biological opinion on the impacts of the proposed projects. This opinion was based upon the information described herein. If new information becomes available, new species listed, if the projected loss of S. glaucus plants exceeds 100 individuals, or any other change which alters the operation of the projects from that which is described in your correspondence and which may affect any endangered or threatened species in a manner or to an extent not considered in this biological opinion (see 50 CFR 402.16), formal section 7 consultation should be reinitiated.

Thank you for your cooperation in the formulation of this biological opinion and your interest in conserving endangered species.



REFERENCES

- Heil, K.D. and J.M. Porter. 1994. Sclerocactus (Cactaceae): A Revision. *Haseltonia* 2:20-46
- Hochstatter, F. 1993. The Genus Sclerocactus. Published by the Author, Mannheim, Germany. 128 pp.

INLAND PRODUCTION COMPANY
HUMPBACK #1A-26-8-17
NE/NE SECTION 26, 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' – 1640'
Green River	1640'
Wasatch	6500'

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

Green River Formation 1640' – 6500' - 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 2000 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.

INLAND PRODUCTION COMPANY
HUMPBACK #1A-26-8-17
NE/NE SECTION 26, 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 Inland Production Company well location site Humpback # 1A-26-8-17 located in the NE 1/4 NE 1/4 Section 26, 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 it's junction with an existing road; proceed easterly 5.7 miles \pm to the beginning of an existing jeep trail to be upgraded; proceed southeasterly and then southerly 2.3 miles \pm to the beginnig of the proposed access road ; proceed northwesterly along the proposed access road 1750' \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

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

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 Paleontological Resource Survey and Archaeological Resource Survey for this area are attached.

Inland Production Company requests a 60' ROW for the Humpback #1A-26-8-17 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."**

Inland Production Company also requests a 60' ROW be granted for the Humpback #1A-26-8-17 to allow for construction of a 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."**

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

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

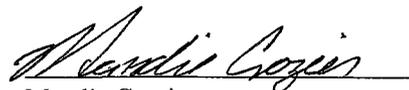
Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #1A-26-8-17 NE/NE Section 26, Township 8S, Range 17E: Lease UTU-67845 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 Inland 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.

June 26, 2001

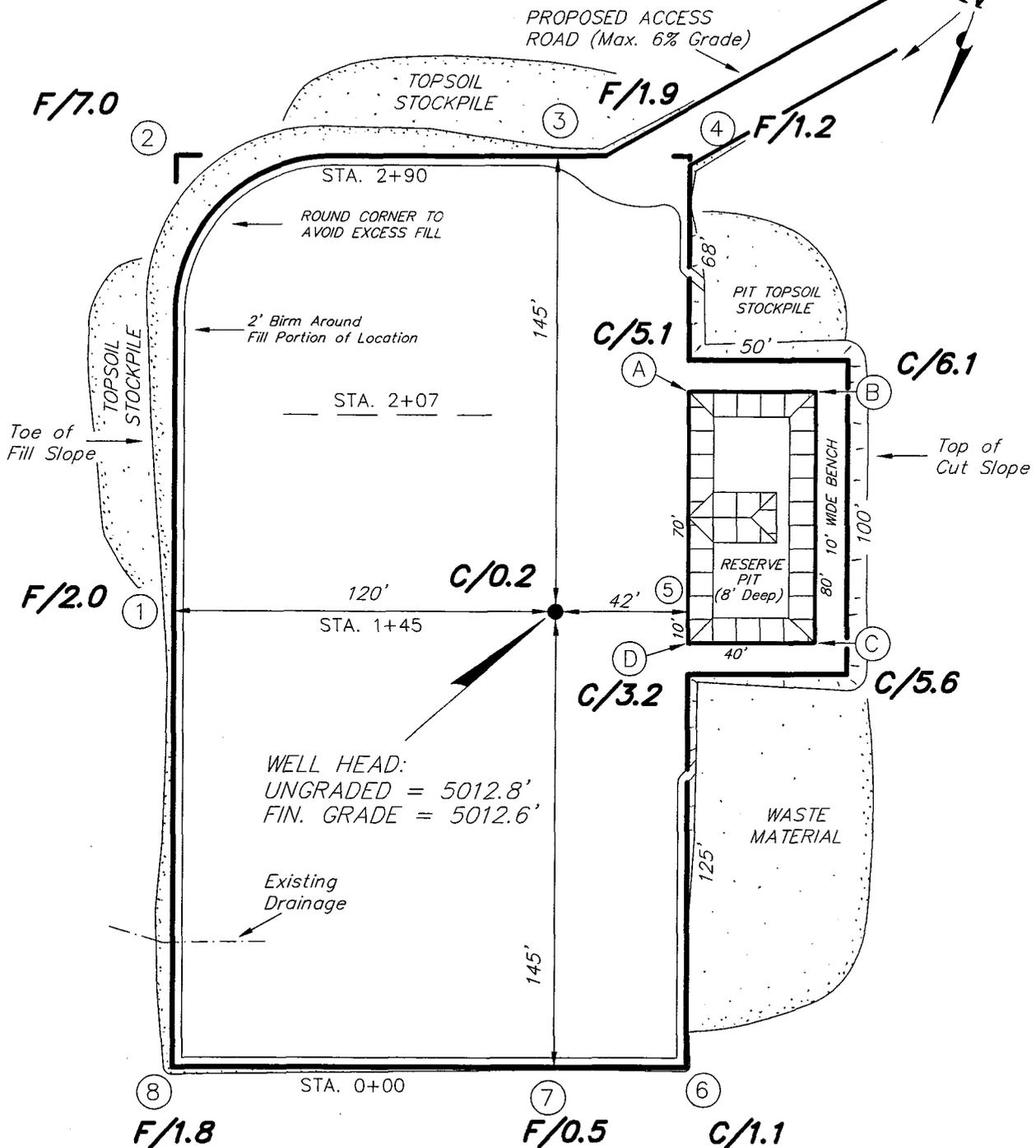
Date



Mandie Crozier
Permit Clerk

INLAND PRODUCTION COMPANY

HUMPBACK UNIT #1-26-8-17
 SEC. 26, T8S, R17E, S.L.B.&M.



REFERENCE POINTS

- 195' NORTHEAST = 5012.7'
- 245' NORTHWEST = 5013.9'
- 170' NORTHEAST = 5007.1'
- 220' NORTHEAST = 5004.9'

SURVEYED BY: C.D.S.

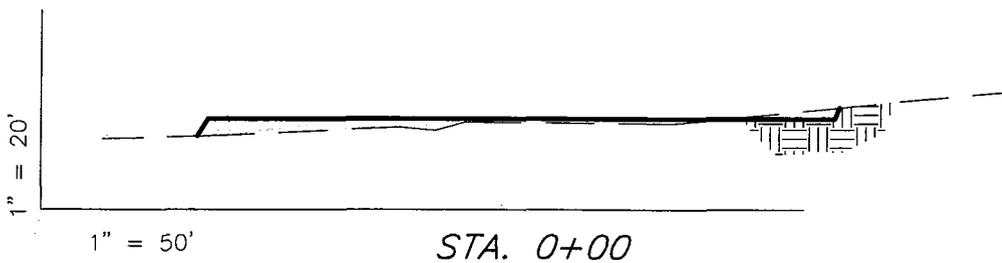
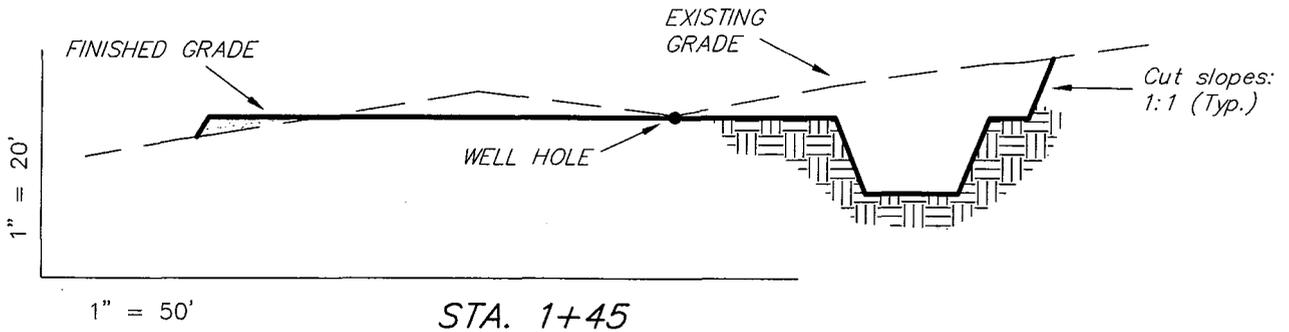
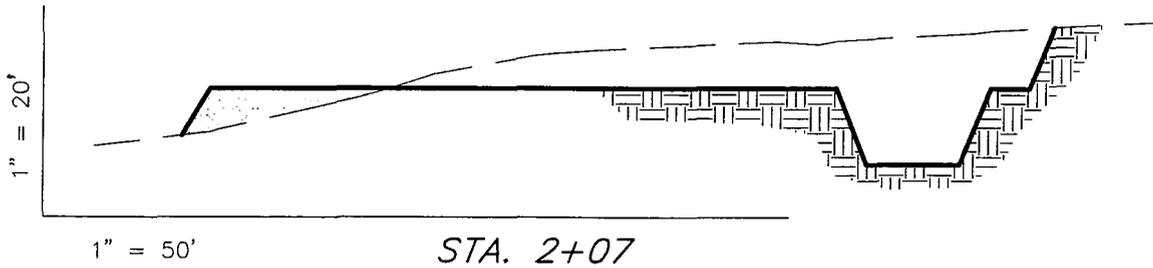
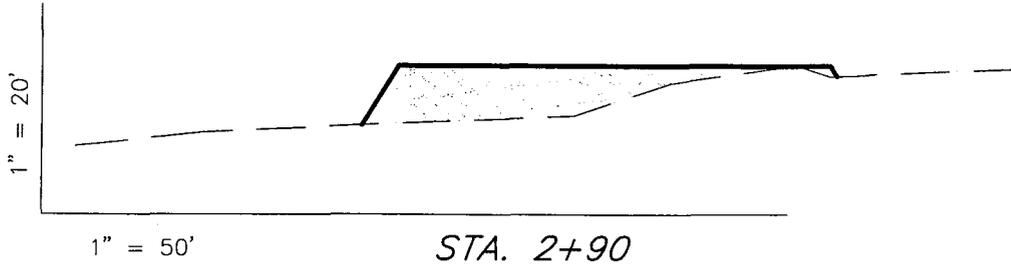
SCALE: 1" = 50'

DRAWN BY: J.R.S.

DATE: 5-31-01

Tri State
 Land Surveying, Inc. (435) 781-2501
 38 WEST 100 NORTH VERNAL, UTAH 84078

INLAND PRODUCTION COMPANY
CROSS SECTIONS
HUMPBACK UNIT #1-26-8-17



APPROXIMATE YARDAGES

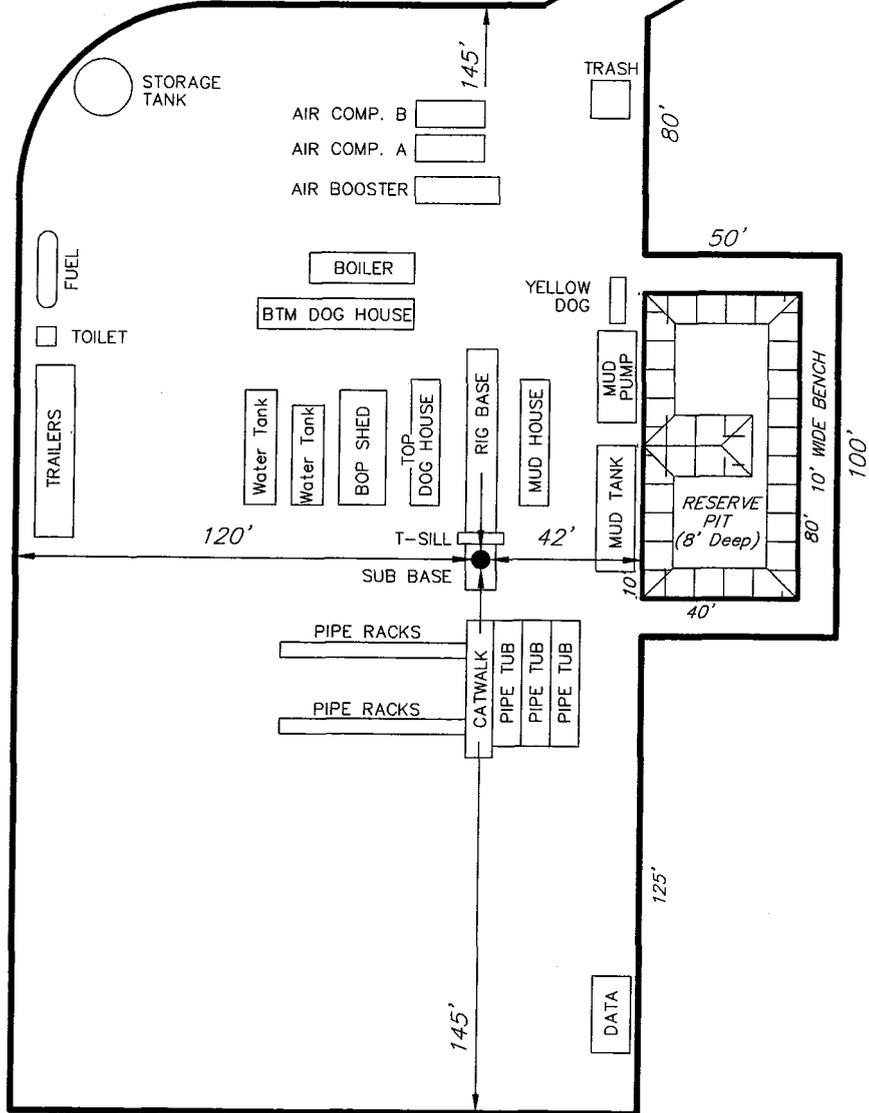
CUT = 2,400 Cu. Yds.
 FILL = 2,240 Cu. Yds.
 PIT = 640 Cu. Yds.
 6" TOPSOIL = 1,010 Cu. Yds.

SURVEYED BY: C.D.S.	SCALE: 1" = 50'	Tri State Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078
DRAWN BY: J.R.S.	DATE: 5-31-01	

(435) 781-2501

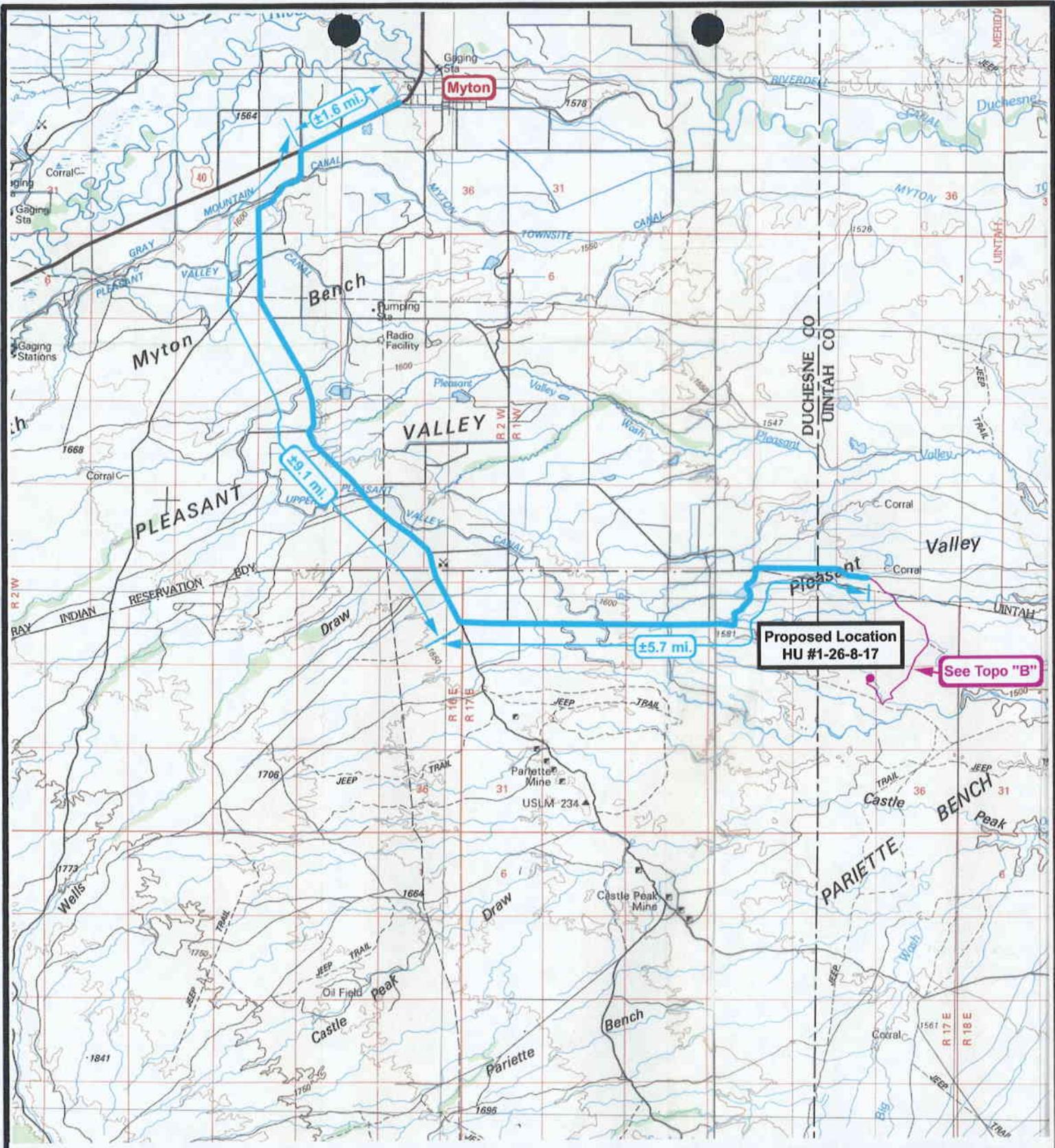
INLAND PRODUCTION COMPANY
TYPICAL RIG LAYOUT
HUMPBACK UNIT #1-26-8-17

PROPOSED ACCESS ROAD (Max. 6% Grade)



SURVEYED BY: C.D.S.	SCALE: 1" = 50'
DRAWN BY: J.R.S.	DATE: 5-31-01

Tri State
 Land Surveying, Inc.
 (435) 781-2501
 38 WEST 100 NORTH VERNAL, UTAH 84078



**Humpback Unit #1-26-8-17
SEC. 26, 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: bgm
DATE: 06-12-2001

Legend	
	Existing Road
	Proposed Access

TOPOGRAPHIC MAP
"A"



**Humpback Unit #1-26-8-17
SEC. 26, 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: bgm
DATE: 06-13-2001

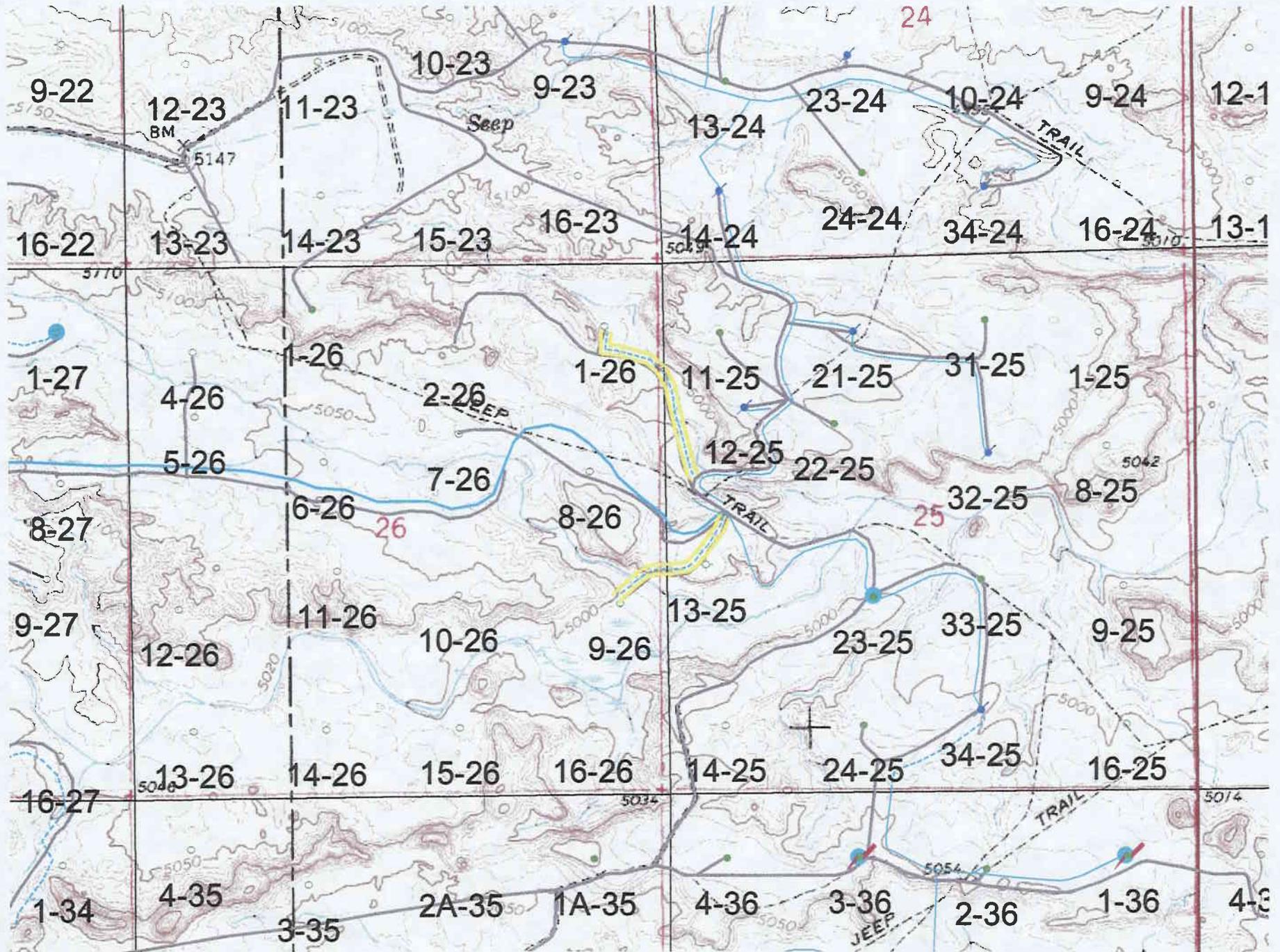
- Legend**
- Existing Road
 - Proposed Access
 - Jeep Trail to be Upgraded

TOPOGRAPHIC MAP

"B"

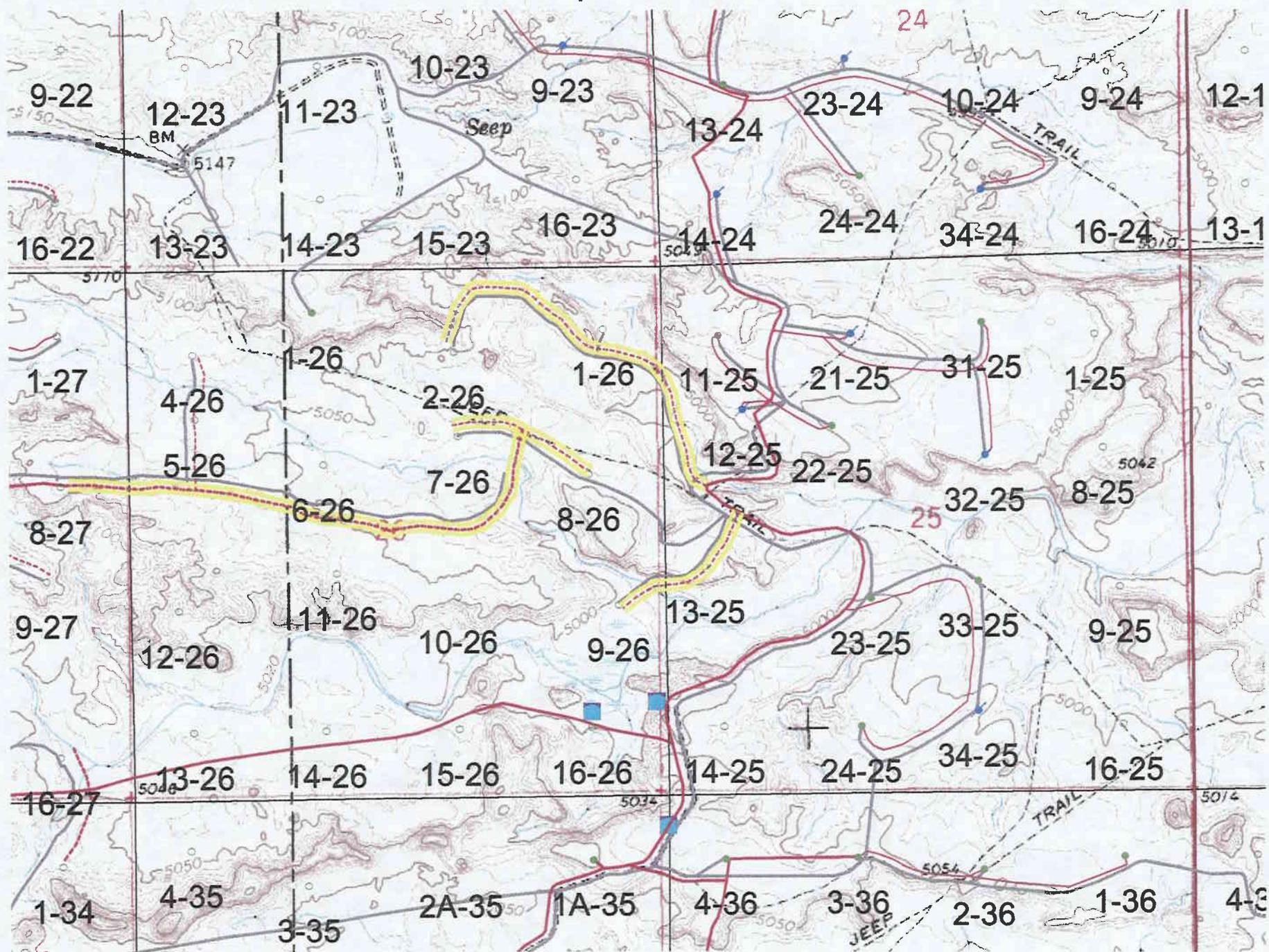
PD SW

Topographic Map "C"
Proposed Water Line

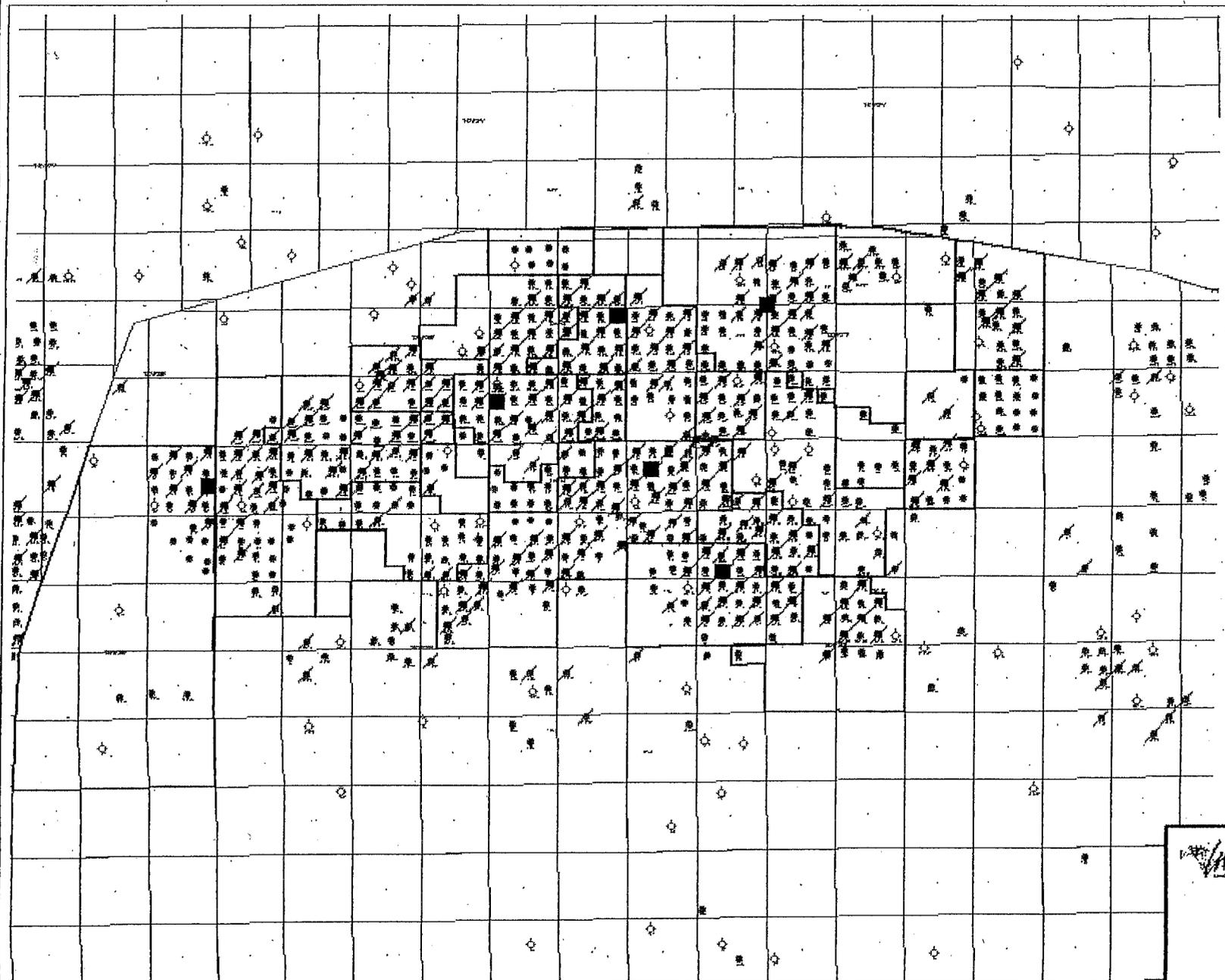


----- Proposed water Line

Topographic Map "C"
Proposed Gas Line



----- Proposed Gas Line



- Heckler Bakers
- Well Categories
- ↘ INJ
- ★ OIL
- ◇ DRY
- ⊠ SHUTIN
- Uints



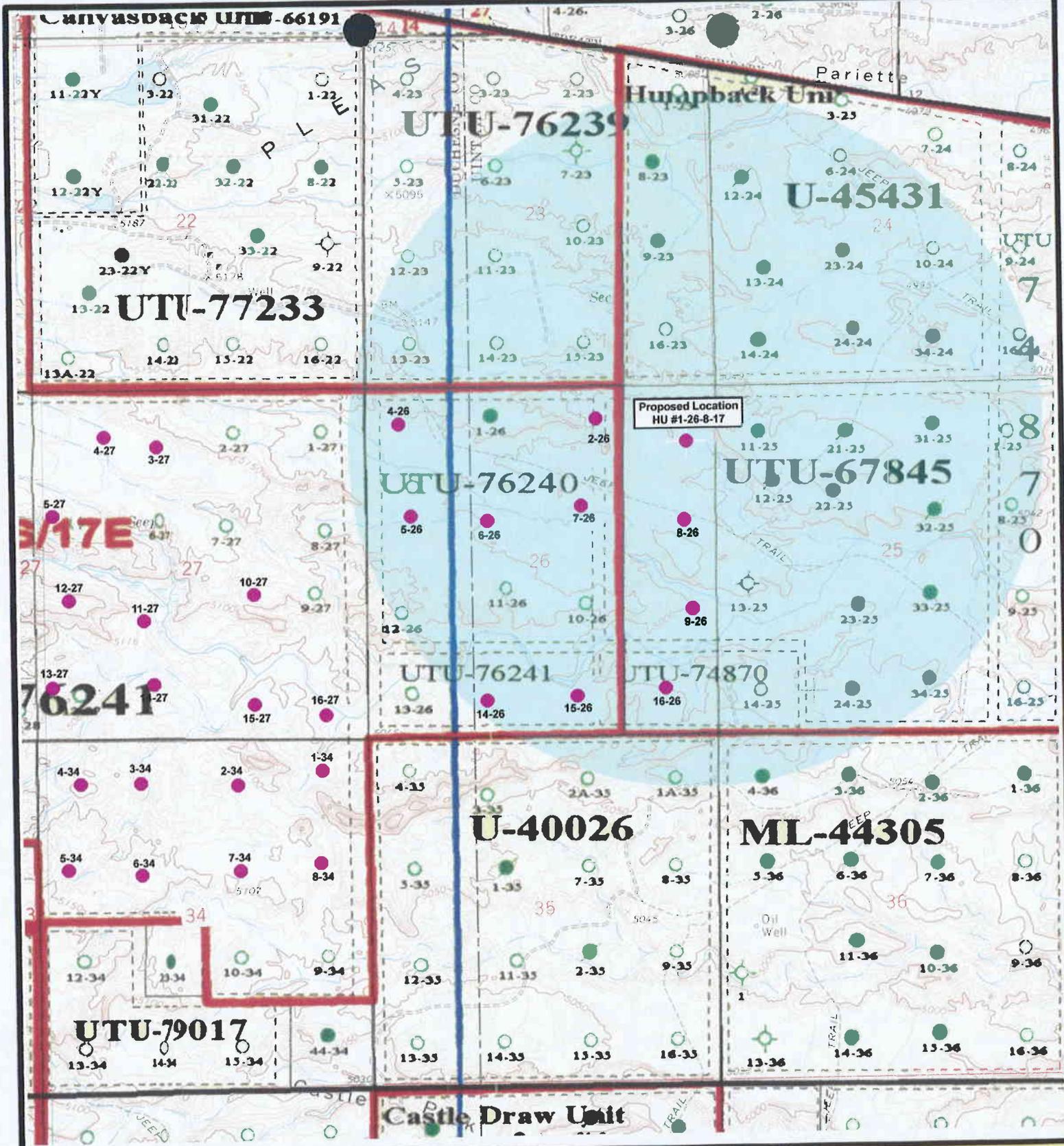
Exhibit "A"

1 0 Miles

Intrepid
 410 17th Street, Suite 700
 Denver, Colorado 80202
 Phone: (303) 866-1423

Uints Basin
 UNITED BASINS, L.L.P.
 Duchyau & Church Counties, UT

July 10, 2008 L. J. Cooper



**Humpback Unit #1-26-8-17
SEC. 26, 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: bgm
DATE: 06-15-2001

Legend

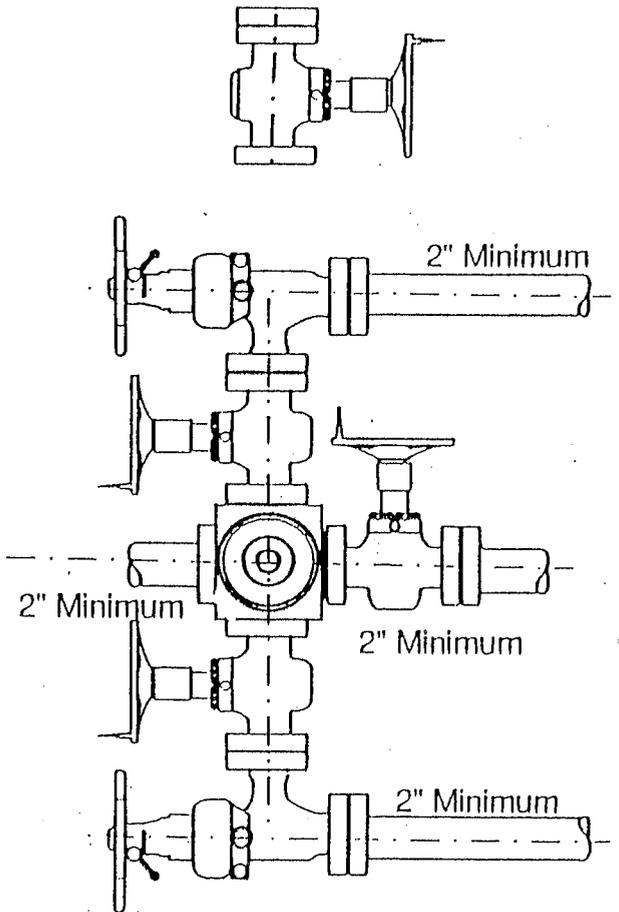
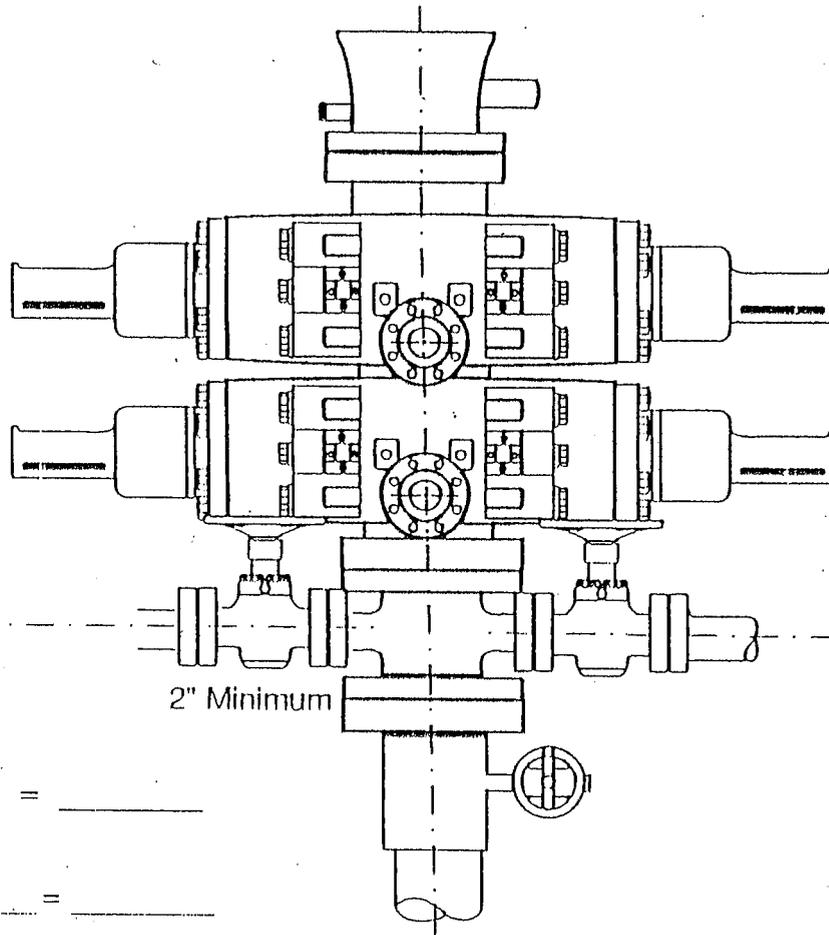
- 2001 Wells
- One Mile Radius

**EXHIBIT
"B"**

RAM TYPE B.O.P.
 Make:
 Size:
 Model:

2-M SYSTEM

EXHIBIT "C"



GAL TO CLOSE
 Annular BOP = _____
 Ramtype BOP
 _____ Rams x _____ = _____
 = _____ Gal.
 _____ x 2 = _____ Total Gal.

Rounding off to the next higher
 increment of 10 gal. would require
 _____ Gal. (total fluid & nitro volume)

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 06/28/2001

API NO. ASSIGNED: 43-047-34160

WELL NAME: HUMPBACK U 1A-26-8-17
 OPERATOR: INLAND PRODUCTION (N5160)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:
 NENE 26 080S 170E
 SURFACE: 0833 FNL 0461 FEL
 BOTTOM: 0833 FNL 0461 FEL
 UINTAH
 MONUMENT BUTTE (105)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-67845
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. 4488944)
- 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:

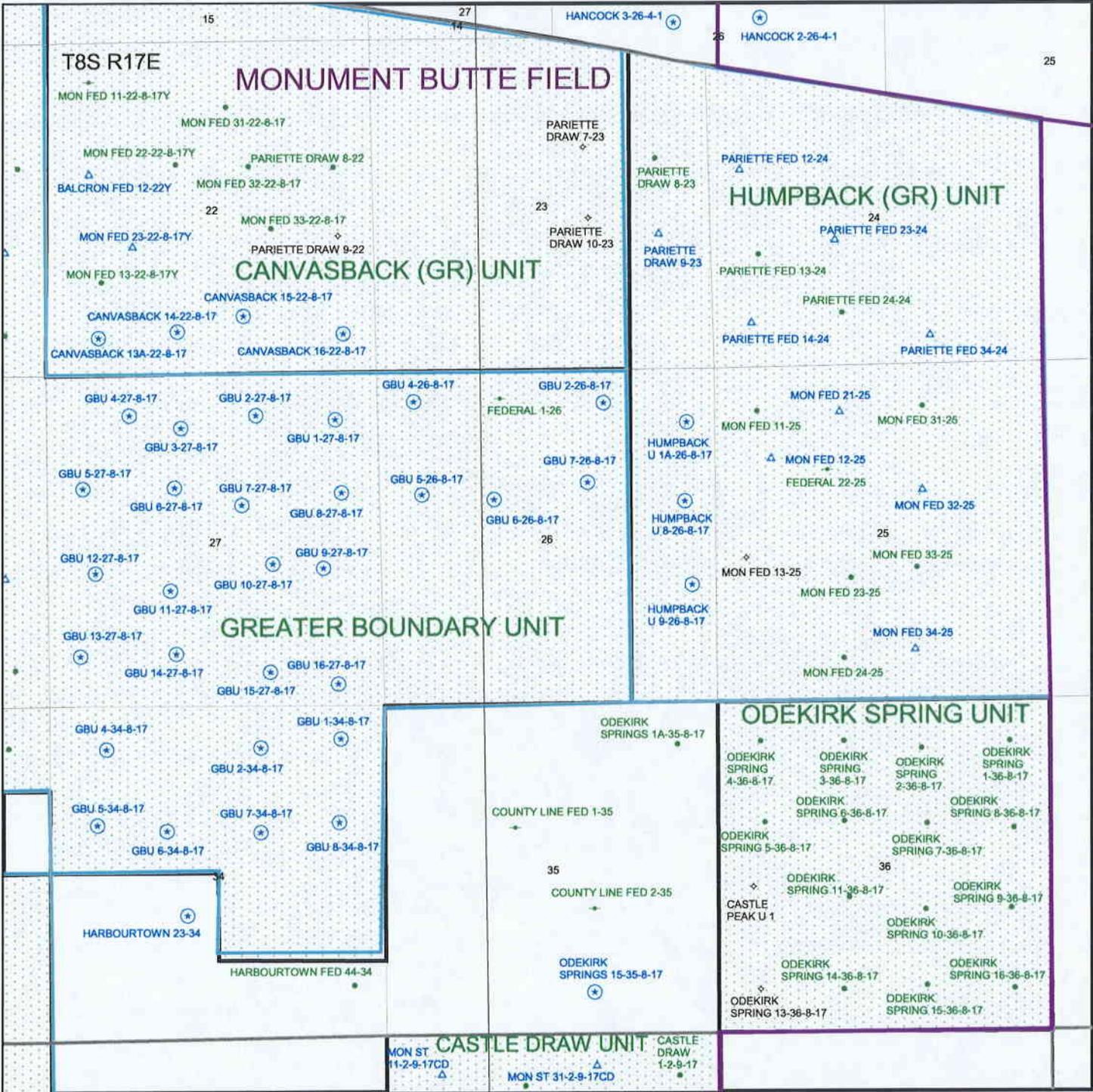
- R649-2-3. Unit HUMPBACK
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 238-1 # Unit E. Enh. Rec.
Eff Date: 1-1-97
Siting: # Vertical spacing, does not suspend Gen. Siting.
- R649-3-11. Directional Drill

COMMENTS: Mon. Butte Field SOP, separate file.

STIPULATIONS: ① FEDERAL APPROVAL



OPERATOR: INLAND PROD CO (N5160)
 SEC. 26, T8S, R17E
 FIELD: MONUMENT BUTTE (105)
 COUNTY: UINTAH UNIT: HUMPBACK
 CAUSE: 238-1



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)

June 29, 2001

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2001 Plan of Development Humpback Unit
Duchesne County, Utah.

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

API #	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-047-34160	Humpback 1A-26-8-17	Sec. 26, T8S, R17E 0833 FNL 0461 FEL
43-047-34161	Humpback 8-26-8-17	Sec. 26, T8S, R17E 2086 FNL 0490 FEL
43-047-34162	Humpback 9-26-8-17	Sec. 26, T8S, R17E 1883 FSL 0377 FEL

This is office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

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

MCoulthard:mc:6-29-1



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

July 2, 2001

Inland Production Company
Route 3 Box 3630
Myton, UT 84052

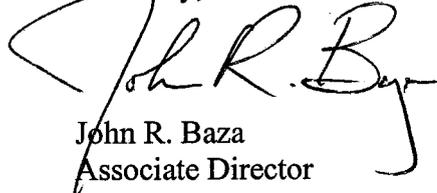
Re: Humpback Unit 1A-26-8-17 Well, 833' FNL, 461' FEL, NE NE, Sec. 26, T. 8 South,
R. 17 East, Uintah County, Utah

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.

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 43-047-34160.

Sincerely,



John R. Baza
Associate Director

er

Enclosures

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

Operator: Inland Production Company
Well Name & Number Humpback Unit 1A-26-8-17
API Number: 43-047-34160
Lease: UTU 67845

Location: NE NE **Sec.** 26 **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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
UTU-67845

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
HUMPBACK (GR RVR)

8. Well Name and No.
HUMPBACK 1A-26-8-17

9. API Well No.
43-047-34160

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
INLAND PRODUCTION COMPANY

3. Address and Telephone No.
Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
461 FEL 833 FNL NE/NE Section 26, T8S R17E

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other Permit Extension <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Inland Production Company requests to extend the permit to drill this well for one year.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 07-15-02

By: [Signature]

COPY SENT TO OPERATOR
Date: 7-15-02
Initials: CHD

RECEIVED

JUL 10 2002

DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct

Signed Mandie Crozier Title Permit Clerk Date 7/8/02
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL DEEPEN

1b. TYPE OF WELL

OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

5. LEASE DESIGNATION AND SERIAL NO.
UTU-67845

6. IF INDIAN ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
Humpback

8. FARM OR LEASE NAME WELL NO
1A-26-8-17

9. API WELL NO.

10. FIELD AND POOL OR WILDCAT
Monument Butte

11. SEC. T. R. M. OR BLK. AND SURVEY OR AREA
**NE/NE
Sec. 26, T8S, R17E**

12. County
Uintah

13. STATE
UT

2. NAME OF OPERATOR
Inland Production Company

3. ADDRESS OF OPERATOR
Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At Surface **NE/NE 461' FEL 833' FNL**
At proposed Prod. Zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 19.0 miles southeast of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to **Approx. 833' f/lse line & 859' f/unit line**)

16. NO. OF ACRES IN LEASE **560.00**

17. NO. OF ACRES ASSIGNED TO THIS WELL **40**

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. **Approx. 1282'**

19. PROPOSED DEPTH **6500'**

20. ROTARY OR CABLE TOOLS **Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.) **5012.8' GR**

22. APPROX. DATE WORK WILL START* **3rd Quarter 2001**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT-FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Refer to Monument Butte Field SOP's Drilling Program/Casing Design				

Inland Production Company proposes to drill this well in accordance with the attached exhibits.

The Conditions of Approval are also attached.

RECEIVED
JUN 27 2001

RECEIVED

AUG 12 2002

DIVISION OF
OIL, GAS AND MINING

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

24. SIGNED *Mandie Crozier* TITLE Permit Clerk DATE June 26, 2001

PERMIT NO. _____ APPROVAL DATE _____

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:

APPROVED BY *Andrew R. Clary* TITLE Assistant Field Manager DATE 07/27/2002
Mineral Resources

NOTICE OF APPROVAL CONDITIONS OF APPROVAL ATTACHED

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes 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.

DOGMA
01MH0075A

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Humpback 1A-26-8-17

API Number: 43-047-34160

Lease Number: U-67845

Location: NENE Sec. 26 T.8S R. 17E

Agreement: Humpback Unit

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application 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.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

1. Other Information

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman (435) 828-7874
Petroleum Engineer

Kirk Fleetwood (435) 828-7875
Petroleum Engineer

BLM FAX Machine (435) 781-4410

CONDITIONS OF APPROVAL FOR THE SURFACE USE PROGRAM

Inland Production Company – Well No. 1A-26-8-17 & 2-26-8-17

1. The following seed mixture shall be used for seeding the stockpiled top soil and for reclamation operations performed for abandonment:

Galleta grass	Hilaria jamessi	3 lbs/acre
Gardners salt bush	Atriplex gardneri	3 lbs/acre
shadscale	Atriplex confertifolia	2 lbs/acre
mat salt bush	Atriplex corrugata	4 lbs/acre

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION COMPANY

Well Name: HUMBACK U 1A-2-8-17

Api No: 43-047-34160 Lease Type: FEDERAL

Section 26 Township 08S Range 17E County UINTAH

Drilling Contractor STUBBS DRILLING RIG# 111

SPUDDED:

Date 04/01/03

Time 2:30 PM

How DRY

Drilling will commence: _____

Reported by PAT WISENER

Telephone # 1-435-823-7468

Date 04/03/2003 Signed: CHD

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

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

OPERATOR ACCT. NO. N5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
BA	99999	12391	43-013-32243	Boundary #11-27-8-17	NE/SW	27	8S	17E	Duchesne	February 26, 2003	4/30/03

WELL 1 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
BA	99999	12299	43-047-34556	Canvasback #14-23-8-17	SE/SW	23	8S	17E	Uintah	March 27, 2003	4/30/03

WELL 2 COMMENTS:

Corrected formation from Wasatch to Green River per Operator phone call

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
BA	99999	12053	43-047-34160	Humpback #1A-26-8-17	NE/NE	26	8S	17E	Uintah	March 31, 2003	4/30/03

WELL 3 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
BA	99999	12053	43-047-34558	Humpback #16-23-8-17	SE/SE	23	8S	17E	Uintah	April 4, 2003	4/30/03

WELL 4 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

WELL 5 COMMENTS:

- 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 unit 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.

Kebbie S. Jones
 Signature _____ Kebbie S. Jones
 Production Clerk
 Title _____
 April 8, 2003
 Date _____

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APR 08 2003

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
INLAND PRODUCTION COMPANY

3. Address and Telephone No.
Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
461' FEL & 833' FNL NE/NE Sec 26. TWN 8S. R17E

5. Lease Designation and Serial No.
UTU-67845

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
Humpback

8. Well Name and No.
1a-26-8-17

9. API Well No.
43-047-34160

10. Field and Pool, or Exploratory Area

11. County or Parish, State
Unitah, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other Spud Report
	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On 3-31-03. MIRU Stubbs # 111. Drill 310' of 12 1/4" hole with air mist. TIH w/ 7 Jt's 85/8" J-55 24# csgn. Set @ 317.54./KB On 4/07/03 cement with 140 sks of Class "G" w/ 2% CaCL2 + 1/4# sk Cello-Flake Mixed @ 15.8 ppg > 1.17 cf/sk yeild. NO cement returned to surface. On 4-10-03 Tag cement top with 50' of 1 inch pipe. Top off backside thru same w/ 200 sks 2% Cacl2 Class G cement w/ 4 bbls returned to pit. WOC.

14. I hereby certify that the foregoing is true and correct

Signed Pat Wisener Title Drilling Foreman Date 04/14/2003
 Pat Wisener

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

RECEIVED

Title 18 U.S.C. Section 1001, makes 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.

APR 16 2003

DIV. OF OIL, GAS & MINING

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 317.54

LAST CASING 8 5/8" SET AT 317.54'
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 310 LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Inland Production Company
 WELL Humpback 1a-26-8-17
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Stubbs # 111

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		43.10' sh jt' shjt					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	305.69
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			307.54
TOTAL LENGTH OF STRING		307.54	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			317.54
TOTAL		305.69	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		305.69	7				
TIMING		1ST STAGE		GOOD CIRC THRU JOB			No
BEGIN RUN CSG.		SPUD	03/31/2003	Bbls CMT CIRC TO SURFACE			4
CSG. IN HOLE			2:30pm	RECIPROCATED PIPE FOR			THRU _____ FT STROKE
BEGIN CIRC				DID BACK PRES. VALVE HOLD ?			N/A
BEGIN PUMP CMT				BUMPED PLUG TO			200 PSI
BEGIN DSPL. CMT							
PLUG DOWN		Cemented	04/07/2003				

CEMENT USED		CEMENT COMPANY- B. J.
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	140	Class "G" w/ 2% CaCl2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield
Top off	200	Class "G" w/ 3% 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

RECEIVED
APR 16 2003

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

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
UTU-67845

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
Humpback

8. Well Name and No.
1a-26-8-17

9. API Well No.
43-047-34160

10. Field and Pool, or Exploratory Area

11. County or Parish, State
Unitah, Utah

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
INLAND PRODUCTION COMPANY

3. Address and Telephone No.
Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
461' FEL & 833' FNL NE/NE Sec 26. TWN 8S. R17E

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Weekly Status Report
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)*

Weekly Status report for the period of 4-19-03 thru 4-25-03.

On 4-18-03 MIRU Eagle # 1. Set equipment. Pressure test Bop's, Kelly, TIW to 2,000 psi. Test 85/8" csgn to 1,500 psi. Vernal BLM office was notified of test. PU & MU BHA and tag cement @ 274'. Drill out cement and shoe. Con't to drill 77/8" hole with fresh water to a depth of 6375'. Lay down drill string. Open hole log. PU & MU Guide shoe, 1 jt 51/2" csg, Float collar & 148jt's J-55 15.5 # 51/2" csgn. Set @ 6377'/KB. Cement with 425* sks. 50/50 POZ w/ 3% KCL, 1/4#sk Cello-Flake, 2% Gel, .3%SMS, .05#sk Static free, Mixed @ 14.4PPG >1.24 YLD. Then 300* sks Prem Litell w/ 3% KCL, 3#/sk Kolseal, 8% Gel, .5SMS, 3#sk CSE, mixed @ 11.0PPG >3.43. Good returns thru job with 4 bbls of cement returned to pit. Set slips with 65,000# tension. Nipple down BOP's. Release rig @ 8:30 pm on 4-23-03

14. I hereby certify that the foregoing is true and correct

Signed Pat Wisener Title Drilling Foreman Date 04/27/2003
Pat Wisener

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

RECEIVED

APR 25 2003

Title 18 U.S.C. Section 1001, makes 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.

DIV. OF OIL, GAS & MINING

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6377.45

Flt cflr @ 6338'

LAST CASING 8 5/8" SET AT 317.54'

OPERATOR Inland Production Company

DATUM 12' KB

WELL Humpback 1a-26-8-17

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # Eagle # 1

TO DRILLER 6375 LOGGER 6370

HOLE SIZE 7 7/8"

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		37' @ 4168					
148	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	6329.98
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	37.22
		GUIDE shoe			8rd	A	0.65

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	6382.45
TOTAL LENGTH OF STRING	6382.45	149	LESS CUT OFF PIECE	17
LESS NON CSG. ITEMS	15.25		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS. LEFT OUT	0		CASING SET DEPTH	6377.45

TOTAL	6367.20	149	} COMPARE
TOTAL CSG. DEL. (W/O THRDS)	6367.2	149	
TIMING	1ST STAGE	2nd STAGE	
BEGIN RUN CSG.	10:30AM		GOOD CIRC THRU JOB <u>YES</u>
CSG. IN HOLE	1:45PM		Bbls CMT CIRC TO SURFACE <u>5 bbls cement</u>
BEGIN CIRC	2:00PM	3:00PM	RECIPROCATED PIPE FOR <u>THRUSTROKE</u>
BEGIN PUMP CMT	3:20PM	3:53PN	DID BACK PRES. VALVE HOLD ? <u>Yes</u>
BEGIN DSPL. CMT	4:13PM		BUMPED PLUG TO <u>2002</u> PSI
PLUG DOWN		4:45PM	

CEMENT USED	CEMENT COMPANY- B. J.		
STAGE	# SX	CEMENT TYPE & ADDITIVES	
1	300	Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake	
		mixed @ 11.0 ppg W / 3.43 cf/sk yield	
2	425	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.

RECEIVED

APR 25 2003

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

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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UTU-67845

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

HUMPBACK (GR RVR)

8. Well Name and No.

HUMPBACK 1A-26-8-17

9. API Well No.

43-047-34160

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

UINTAH COUNTY, UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

461 FEL 833 FNL NE/NE Section 26, T8S R17E

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Weekly status report

Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Status report for time period 5/5/03 – 5/9/03

Subject well had completion procedures initiated in the Green River formation on 5/5/03 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 w/ 20/40 mesh sand. Perf intervals were #1 (6228-6242'), (6112-6116'), and (6103-6108'); #2 (6043-6054'), (6034-6039'), (6023-6028'), (5976-5987'), and (5917-5932'); #3 (5802-5806'), (5575-5583'); #4 (4580-4597'), (4520-4531'). All were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved on well on 5/7/03. Bridge plugs were drilled out and well was cleaned out to PBSD @ 6338'. Zones were swab tested for sand cleanup. A BHA & production tubing string were run in and anchored in well. End of tubing string @ 6245'. A repaired 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 5/9/03.

14. I hereby certify that the foregoing is true and correct

Signed

Martha Hall
Martha Hall

Title

Office Manager

Date

5/13/2003

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

RECEIVED

MAY 14 2003

Title 18 U.S.C. Section 1001, makes 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.

DIV. OF OIL, GAS & MINING



June 11, 2003

State of Utah, Division of Oil, Gas and Mining
Attn: Ms. Carol Daniels
P.O. Box 145801
Salt Lake City, Utah 84144-5801

Attn: Ms. Carol Daniels

Humpback 1A-26-8-17 (43-047-34160)
Uintah County, UT

Dear Ms. Carol Daniels

Enclosed is a Well Completion or Recompletion Report and Log form (Form 3160-4). We are no longer sending Log copies since Dave Jull of Phoenix Surveys is already doing so.

If you should have any questions, please contact me at (303) 382-4449.

Sincerely,

Brian Harris
Engineering Tech

Enclosures

cc: Bureau of Land Management
Vernal District Office, Division of Minerals
Attn: Edwin I. Forsman
170 South 500 East
Vernal, Utah 84078

Well File – Denver
Well File – Roosevelt
Patsy Barreau/Denver
Bob Jewett/Denver

RECEIVED

JUN 13 2003

OFFICE OF THE ATTORNEY GENERAL

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

5. LEASE DESIGNATION AND SERIAL NO.

UTU-67845

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

Humpback

8. FARM OR LEASE NAME, WELL NO.

HB 1A-26-8-17

9. WELL NO.

43-047-34160

10. FIELD AND POOL OR WILDCAT

Monument Butte

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

Sec. 26, Twp 8S, Rng 17E

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 _____

2. NAME OF OPERATOR

INLAND RESOURCES INC.

3. ADDRESS AND TELEPHONE NO.

410 17th St. Suite 700 Denver, CO 80202

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

At Surface 833' FNL & 461' FEL (NENE) Sec. 26, Twp 8S, Rng 17E
At top prod. Interval reported below

At total depth

14. API NO. 43-047-34160 DATE ISSUED 7/2/01

12. COUNTY OR PARISH Uintah

13. STATE UT

15. DATE SPUDDED 3/31/03

16. DATE T.D. REACHED 4/22/03

17. DATE COMPL. (Ready to prod.) 5/9/03

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5012' GL

5024' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6375'

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

6338'

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 4520' - 6242'

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#	317'	12-1/4"	To surface with 140 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6377'	7-7/8"	300 sx Premilite II and 425 sx 50/50 Poz	

29. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 6245'	TA @ 6143'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP4,5) 6228-42', 6103-08', 6112-16'	.038"	4/92	6103'-6242'	Frac w/ 81,225# 20/40 sand in 632 bbls fluid.
(CP1,2,3) 5917-32', 5976-87', 6023-28', 6034-39', 6043-6054'	.038"	4/188	5917'-6054'	Frac w/ 100,003# 20/40 sand in 745 bbls fluid.
(A3,LODC) 5575-83', 5802-06'	.038"	4/48	5575'-5806'	Frac w/ 6,392# 20/40 sand in 162 bbls fluid.
(GB4, GB6) 4520-31', 4580-97'	.038"	4/112	4520'-4597'	Frac w/ 80,727# 20/40 sand in 588 bbls fluid.

33.* PRODUCTION

DATE FIRST PRODUCTION 5/9/03	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 15' RHAC Pump				WELL STATUS (Producing or shut-in) PRODUCING		
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. 85	GAS--MCF. 55	WATER--BBL. 13	GAS-OIL RATIO 647
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.) RECEIVED	

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

Sold & Used for Fuel

TEST WITNESSED JUN 13 2003

35. LIST OF ATTACHMENTS

ONE OF OIL, GAS & MINING

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

SIGNED Brian Harris

TITLE Engineering Technician

DATE 6/11/2003

Brian Harris

BDH

*(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);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
			Well Name Humpback IA-26-8-17		
				Garden Gulch Mkr Garden Gulch 2 Point 3 Mkr X Mkr Y-Mkr Douglas Creek Mkr BiCarbonate Mkr B Limestone Mkr Castle Peak Basal Carbonate Total Depth (LOGGERS)	4239' 4358' 4634' 4852' 4890' 5024' 5280' 5436' 5865' 6288'
					TRUE VERT. DEPTH

RECORDED

JUN 13 2003

OFF. OF OIL, GAS & MINING

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

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
UTU-67845

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
HUMPBAC (GR RVR)

8. Well Name and No.
HUMPBAC 1A-26-8-17

9. API Well No.
43-047-34160

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
UINTAH COUNTY, UT

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
INLAND PRODUCTION COMPANY

3. Address and Telephone No.
Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
461 FEL 833 FNL NE/NE Section 26, T8S R17E

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other _____ <input checked="" type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input checked="" type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

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 Inland's secondary recovery project.

Water not meeting quality criteria, is disposed at Inland'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**

14. I hereby certify that the foregoing is true and correct

Signed Mandie Crozier Title Regulatory Specialist Date 11/14/2003

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

**RECEIVED
NOV 17 2003
DIV. OF OIL, GAS & MINING**



United States Department of the Interior



BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>

IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:		9/1/2004
FROM: (Old Operator): N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	TO: (New Operator): N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	

CA No.

Unit:

HUMPBACK (GREEN RIVER)

WELL(S)

NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
PARIETTE DRAW FED 9-23	23	080S	170E	4304731543	12053	Federal	WI	A
PARIETTE DRAW FED 8-23	23	080S	170E	4304732676	12053	Federal	OW	P
PARIETTE FED 34-24	24	080S	170E	4304732506	12053	Federal	WI	A
PARIETTE FED 13-24	24	080S	170E	4304732546	12053	Federal	OW	P
PARIETTE FED 14-24	24	080S	170E	4304732645	12053	Federal	WI	A
PARIETTE FED 24-24	24	080S	170E	4304732646	12053	Federal	OW	P
PARIETTE FED 23-24	24	080S	170E	4304732710	12053	Federal	WI	A
PARIETTE FED 12-24	24	080S	170E	4304732713	12053	Federal	WI	A
FEDERAL 22-25	25	080S	170E	4304732008	12053	Federal	OW	P
MONUMENT FED 11-25	25	080S	170E	4304732455	12053	Federal	OW	P
MON FED 32-25	25	080S	170E	4304732524	12053	Federal	WI	A
BALCRON MON FED 33-25	25	080S	170E	4304732525	12053	Federal	OW	P
MON FED 12-25	25	080S	170E	4304732526	12053	Federal	WI	A
BALCRON MON FED 21-25	25	080S	170E	4304732528	12053	Federal	WI	A
MONUMENT FED 23-25	25	080S	170E	4304732529	12053	Federal	WI	A
MONUMENT FED 31-25	25	080S	170E	4304732530	12053	Federal	OW	P
BALCRON MON FED 24-25	25	080S	170E	4304732669	12053	Federal	OW	P
BALCRON MON FED 34-25	25	080S	170E	4304732670	12053	Federal	WI	A
HUMPBACK U 1A-26-8-17	26	080S	170E	4304734160	12053	Federal	OW	P
HUMPBACK U 8-26-8-17	26	080S	170E	4304734161	12053	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
- Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
- If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05



4304734160

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
999 18TH STREET - SUITE 300
DENVER, CO 80202-2466
Phone 800-227-8917
<http://www.epa.gov/region08>

MAR 22 2005

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RECEIVED

MAR 23 2005

DIV. OF OIL, GAS & MINING

Mr. Mike Guinn
Vice President - Operations
Newfield Production Co.
Route 3 - Box 3630
Myton, Utah 84502

RE: ADDITIONAL WELL TO AREA PERMIT
Humpback Area Permit: UT20852-00000
Humpback No. 1A-26-8-17
Well ID: 20852-06416
NE NE Sec. 26 - T8S - 17E
Uintah County, Utah

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

Dear Mr. Guinn:

The Newfield Production Co. (Newfield) request **to convert** a former Green River Formation oil well, the Humpback No. 1A-26-8-17, to a Garden Gulch-Douglas Creek-Basal Carbonate Members of the Green River Formation enhanced recovery injection well in the Humpback Area Permit is hereby authorized. The proposed Humpback No. 1A-26-8-17 Class II enhanced recovery injection well is within the exterior boundary of the Humpback Area Permit UT20852-00000; is within the exterior boundary of the Uintah & Ouray Indian Reservation; and the addition is being made under the authority of 40 CFR § 144.33 (c) and the terms of the Area Permit. Unless specifically mentioned in the enclosed Authorization For An Additional Well, all terms and conditions of the original Area Permit will apply to the conversion, operation, monitoring, and plugging and abandonment of the Humpback No. 1A-26-8-17.



Prior to beginning injection, the Environmental Protection Agency (EPA) requires that Newfield submit for review and approval (1) the results of a **Part I (Internal) mechanical integrity test (MIT)**, (2) a **pore pressure** calculation of the injection interval, (3) an **EPA Form No. 7520-12** (Well Rework Record, enclosed).

Part II. Section C. Condition No. 5 (b), (Injection Pressure Limitation), Humpback Area Permit (UT20852-00000) , cites the method by which the maximum initial allowable injection pressure (MAIP) shall be calculated for each Additional Well to the Humpback Area Permit. As a result, the MAIP for the Humpback No. 1A-26-8-17 shall not exceed **970 psig**. The Humpback Area Permit, Part II. C. 5., provides an opportunity for the permittee to request an increase, or decrease, in the initial maximum surface injection pressure.

Because the Cement Bond Log (CBL) submitted for this well did not show any 80% bond index cement bond within the Confining Zone overlying the Garden Gulch Member, **the operator shall be required to demonstrate Part II (External) Mechanical Integrity within a 180-Day Limited Authorization to Inject period**. This demonstration may be made by a Temperature Survey, Noise Log, or Oxygen Activation Log, and Region 8 may accept the results from a Radioactive Tracer Survey (RATS) under certain circumstances. A limited period of authorization to inject is for the purpose of stabilizing the injection zone prior to this demonstration.

Current copies of guidances for conducting Part II (External) Mechanical Integrity Tests will be submitted upon request.

Please be aware that Newfield does not have authorization to begin injection into the Humpback No. 1A-26-8-17 until the Prior to Commencing Injection requirements, listed above, have been submitted and evaluated by the EPA, and Newfield has received written authorization to begin injection from the Assistant Regional Administrator, or the Assistant Regional Administrator's authorized representative.

If Newfield has any questions, please call Mr. Dan Jackson at (800) 227-8917 (Ext. 6155), or in the Denver area at (303) 312-6155. Please submit the required pre-authorization to inject data to **ATTENTION: DAN JACKSON**, at the letterhead address, citing **MAIL CODE: 8P-W-GW** very prominently.

Sincerely,



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

enclosures: Authorization For Conversion of An Additional Well
EPA Form No. 7520-12 (Well Rework Record)
Schematic Diagram: Proposed Conversion

cc w/ enclosures: Maxine Natchees
Chairperson
Uintah & Ouray Business Committee
Ute Indian Tribe

Elaine Willie
Environmental Coordinator
Ute Indian Tribe

Chester Mills
Superintendent
Bureau of Indian Affairs
Uintah & Ouray Indian Agency

David Gerbig
Operations Engineer
Newfield Production Company

Gil Hunt
Technical Services Manager
State of Utah - Natural Resources

Kirk Fleetwood
Petroleum Engineer
Bureau of Land Management
Vernal District



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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
999 18TH STREET - SUITE 300
DENVER, CO 80202-2466
Phone 800-227-8917
<http://www.epa.gov/region08>

AUTHORIZATION FOR AN ADDITIONAL WELL
TO THE
HUMPBACK AREA PERMIT: UT20852-00000

The Environmental Protection Agency (EPA) authorizes the inclusion of an additional enhanced recovery injection well to the Humpback Area Permit No. UT20852-00000, as authorized by 40 CFR § 144.33 (c). The additional well is described as:

WELL NAME: HUMPBACK NO. 1A-26-8-17.

WELL PERMIT NUMBER: UT20852-06416

SURFACE LOCATION: 833' FNL & 461' FEL (NE NE)
Sec. 26 - T8S - R17E
Uintah County, Utah.

This well is subject to all provisions of the original Humpback Area Permit No. UT20852-00000, and subsequent Modifications, unless specifically detailed below:

UNDERGROUND SOURCE OF DRINKING WATER (USDW): The base of the USDW (Total Dissolved Solids less than 10,000 mg/l) in the Humpback No. 1A-26-8-17 occurs within the Uinta Formation **less than 50 feet** from ground level (GL). The source for the location of the base of the USDW is the STATE OF UTAH: PUBLICATION NO. 2. BASE OF MODERATELY SALINE GROUND WATER IN THE UINTA BASIN, UTAH. Surface casing was set at **310 feet** kelly bushing (KB) and cemented to the surface.

Reference: <http://NRWRT1.NR.STATE.UT.US...> Water Rights...Queries...POD: Within the one-quarter (1/4) mile Area-of-Review (AOR) around the Humpback No. 1A-26-8-17 there are no reservoirs, streams, springs or wells.

WATER ANALYSES:

Produced Green River Formation Water: (4-28-04) **12,830 mg/l TDS.**

Source Water: Johnson Water District Reservoir. (3/31/04) **400 mg/l TDS.**

Blended Injectate: (4/29/04) **6967 mg/l TDS.**



CONFINING ZONE REVIEW: HUMPBACK NO. 1A-26-8-17. (4011' - 4053')

The EPA has authorized the gross interval from the top of the Garden Gulch Member to the top of the Wasatch as the enhanced recovery injection interval within the Humpback Area Permit. Overlying the top of the Garden Gulch Member (4053 feet), in the Humpback No. 1A-26-8-17, are thirty-eight (38) feet of Green River Formation black, slightly silty, impervious shale which forms an effective lithologic confining zone.

INJECTION ZONE REVIEW: HUMPBACK NO. 1A-26-8-17.

The Humpback Area Permit (Effective October 8, 1998) authorized injection into the Garden Gulch and Douglas Creek Members of the Green River Formation. By Major Permit Modification No. 3 (Effective September 9, 2003) the EPA authorized the gross Green River Formation Garden Gulch-Douglas Creek-Basal Carbonate Members as the enhanced recovery injection interval for the Canvasback Area Permit. This Modification also recognized the **Federal No. 1-26** (NE NW Sec. 26 - T8S - R17E), UIC Permit No. UT20702-04671, as the **TYPE WELL** for identifying the tops of the Garden Gulch Member, the Douglas Creek Member, the Basal Carbonate Member, the top of the Wasatch Formation and the "Confining Zone" overlying the top of the Garden Gulch Member.

The authorized injection zone for the Humpback No. 1A-26-8-17 will be from the Garden Gulch Member (4053 feet) to the top of the Wasatch Formation (Estimated to be 6395 feet).

Lithologically, the gross authorized enhanced recovery injection interval, Garden Gulch to the top of the Wasatch Formation, is fluvial and lacustrine shale, fluvial and lacustrine sandstone, lacustrine marlstone, and limestone. The Uinta and Green River Formations are predominantly non-lacustrine fluvial shale and sandstone on the basin margins, whereas lacustrine deposition predominates in the central basin area for these two formations. The Wasatch Formation is predominantly fluvial, except for increasing minor lacustrine deposition in the central basin area.

WELL CONSTRUCTION REVIEW: HUMPBACK NO. 1A-26-8-17.

SURFACE CASING: 8-5/8 inch casing is set at 318 feet (KB) in a 12-1/4 inch hole, using 140 sacks of Class "G" cement circulated to the surface. The base of the USDW is less than fifty (50) feet from ground level.

LONGSTRING CASING: 5-1/2 inch casing is set at 6377 feet kelly bushing (KB) in a 7-7/8 inch hole, and cemented with 300 sacks of Premium Lite II mixed and 425 sacks of 50/50 Pozmix.

The operator identifies the top of cement at 200 feet.

An EPA analysis of the Humpback No. 1A-26-8-17 CBL/GR did not identify 80% bond index cement bond within the Garden Gulch Member confining zone, pursuant to standards of Region 8 GROUND WATER SECTION GUIDANCE NO. 34: Cement Bond Logging Techniques and Interpretation. Therefore, it **has not been determined that the cement in this well provides an effective barrier** to significant upward movement of fluids through vertical channels adjacent to the wellbore, pursuant to 40 CFR 146.8 (a) (2).

PART II. A. CONSTRUCTION REQUIREMENTS FOR ADDITIONAL WELLS

Tubing and Packer:

(Condition 3)

For injection purposes, the **Humpback No. 1A-26-8-17** shall be equipped with 2-7/8 tubing with a packer to be set at a depth no higher than 100 feet above the top perforation.

Formation Testing and Logging

(Condition 6)

- (a) Upon conversion of the **Humpback No. 1A-26-8-17**, the permittee is required to determine the injection zone **fluid pore pressure** (static bottom hole pressure) prior to commencement of enhanced recovery injection operation. The results of this test shall be submitted to the EPA.
- (b) A **Step-Rate Test (SRT)** shall be performed on the **Humpback No. 1A-26-8-17** within three (3) to six (6) months after injection operations are initiated and the results submitted to the EPA. The permittee may contact the EPA prior to conducting the SRT to acquire the most current Guidance for conducting the SRT.

Because the Cement Bond Log did not show 80% bond index cement bond within the Confining Interval, the operator will be required to demonstrate Part II (External) Mechanical Integrity within a 180-day Limited Authorized Period of Injection.

PART II. B.

Corrective Action

As of March 2005, there are two (2) active Green River oil wells, one (1) enhanced recovery injection well, and one (1) Green River location within or proximate to the one-quarter (1/4) mile radius around the Humpback No. 1A-26-8-17-8-17. No wells need Corrective Action.

Class II Enhanced Recovery Injection Well:**Monument Federal No. 12-25-8-17:****SW NW Sec. 25 -T8S-R17E****Permit No. UT20852-04460**

Top Garden Gulch Member:	4104 feet
Garden Gulch Confining Zone:	4062 feet to 4104 feet
Top 80% EPA Cement Bond:	4090 feet - 4435 feet
Top Douglas Creek Member:	5094 feet
Total Depth (Driller):	6248 feet in Douglas Creek Member

Garden Gulch -Douglas Creek Members Oil Wells:**Monument Federal No. 11-25-8-17:****NW NW Sec. 25-T8S-R17E**

Top Garden Gulch Member:	4116 feet
Garden Gulch Confining Zone:	4080 feet to 4116 feet
Top 80% EPA Cement Bond:	4454 feet to 4484 feet .
Top Douglas Creek Member:	5010 feet
Top Basal Carbonate Member:	6342 feet
Total Depth (Driller):	6450 feet in Basal Carbonate Member.

The 36-foot confining shale (4080 feet to 4116 feet) overlying the top of the Garden Gulch Member (4116 feet) is not protected by 80% bond index cement bond. This lack of confining zone annulus cement may not prevent upward movement of injected fluids through vertical channels adjacent to the well bore. The permittee will be required to inspect the surface of this location for fluid leaks on a weekly basis. **Any observation of surface leakage may be considered as noncompliance with the Humpback No. 1A-26-8-17 Permit.** The Humpback No. 1A-26-8-17 shall suspend operations immediately, and will stay suspended until the noncompliance has been resolved, and renewed injection has been approved in writing by the Director.

Humpback No. 8-26-8-17:**SE NE Sec. 26-T8S-R17E**

Top Garden Gulch Member:	4049 feet
Garden Gulch Confining Zone:	4022 feet to 4049 feet
Top 80% EPA Cement Bond:	3988 feet to 4150 feet
Top Douglas Creek Member:	5052 feet
Total Depth (Driller):	6408 feet in Douglas Creek Member

The 27-foot Confining Zone is covered by continuous 80% bond index cement bond. This annulus cement is considered adequate to confine the injectate to the authorized injection interval.

Green River Formation Location:
Number 2-26:

NW NE Sec. 26-T8S-R17E

PART II. C.

Prior to Commencing Injection (Additional Wells)

(Condition 2)

Humpback No. 1A-26-8-17: This document is being issued without authority to inject. Prior to beginning injection, the operator is required to submit the following information for EPA review and written approval:

- A successful **mechanical integrity test (MIT)** demonstrating Part I Internal MI (Enclosed);
- a **pore pressure calculation** of the proposed injection zone; and an
- EPA Form No. 7520-12 (**Well Rework Record**, enclosed).

Injection Interval

(Condition 3)

Injection shall be limited to the **gross Garden Gulch, Douglas Creek and Basal Carbonate Members of the Green River Formation from 4053 feet (KB) to the top of the Wasatch Formation, estimated to be 6395 feet (KB).**

Injection Pressure Limitation

(Condition 4)

Pursuant to Final Area Permit UT20852-00000, Part II. Section C. 5. (b). the maximum allowable injection pressure (MAIP) shall not exceed 1752 psig.

A fracture gradient (FG) of 0.650 psi/ft is the average FG value of nine (9) Step-Rate Tests (SRT) conducted in Sections 23-24-25-T8S-R17E. The range of SRT FGs runs from a minimum 0.533 psi/ft to a maximum 0.701 psi/ft. Sand/frac calculated FGs for the same wells in Sections 23-24-25 all run higher than the FGs from the SRTs run at a later date.

Until such time that a Step-Rate Injectivity Test (SRT) has been performed, reviewed, and approved by the EPA, the initial maximum allowable injection pressure (MAIP) for the **Humpback No. 1A-26-8-17** shall be calculated using the FG of **0.65 psi/ft**. The resultant MAIP shall not exceed **970 psig**.

$$\begin{aligned}
 \text{MAIP} &= [\text{FG} - (0.433)(\text{SG}) D \\
 \text{FG} &= 0.650 \text{ psi/ft} \\
 \text{SG} &= 1.005 \\
 \text{D} &= 4520 \text{ feet. Top perforation.}
 \end{aligned}$$

$$\text{MAIP} = [0.650 - (0.433)(1.005)] 4520$$

$$\text{MAIP} = 971 \text{ psig, but rounded down to } 970 \text{ psig.}$$

Final Area Permit (UT20852-00000), has a provision whereby the operator may request an increase, or decrease, in the maximum surface injection pressure.

PART II. F.

Demonstration of Financial Responsibility:

(Condition 1)

The current plugging and abandonment cost for the Humpback No. 1A-26-8-17 is estimated to be \$33,025.00. The applicant has chosen to demonstrate financial responsibility via a **Financial Statement** that has been reviewed and approved by the EPA.

PART III. E.

Reporting of Noncompliance:

(Condition 10)

- (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:

(Condition 11)

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 VIII UIC Program Compliance and Enforcement Director**, or by contacting the **Region VIII Emergency Operations Center**

at 303.293.1788 if calling from outside EPA Region VIII. 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:

(Condition 12)

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:

(Condition 13)

The operator shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted. The reports shall contain the information listed in Part III. 10. c. ii. of this Permit.

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.

APPENDIX C

PLUGGING AND ABANDONMENT: The Plugging and Abandonment (P&A) Plan (Application Attachment Q-2) submitted by the applicant has been reviewed and approved by the EPA. The P&A Plan is now consistent with EPA requirements to protect all USDWs. The permittee will place 9.2 ppg plugging gel or bentonite mud between all cement plugs.

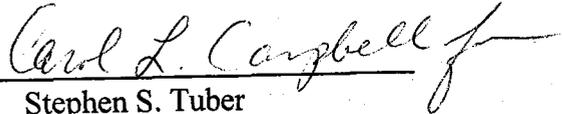
PLUG NO. 1: Set a cast iron bridge plug (CIBP) at 4425 feet. Place 100 feet of Class "G" cement on top of CIBP.

PLUG NO. 2: Set a cement plug inside of the 5-1/2 inch casing from 2000 feet to 2200 feet over a water zone.

PLUG NO. 3: Set a Class "G" cement plug inside of the 5-1/2 inch casing, and in the 5-1/2 inch X 8-5/8 inch annulus from the surface to 368 feet.

This authorization for well conversion of the Humpback No. 1A-26-8-17 to an injection well becomes effective upon signature.

Date: MAR 22 2005



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

Humpback 1A-26-8-17

Spud Date: 3/31/03
Put on Production: 5/9/03

GL:5013' KB:5025'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (308') *Base UPA's*
DEPTH LANDED: 318' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 140 sxs Class "G" cmt mixed, est 4 bbls cmt to surf.
Cement Top @ 200'

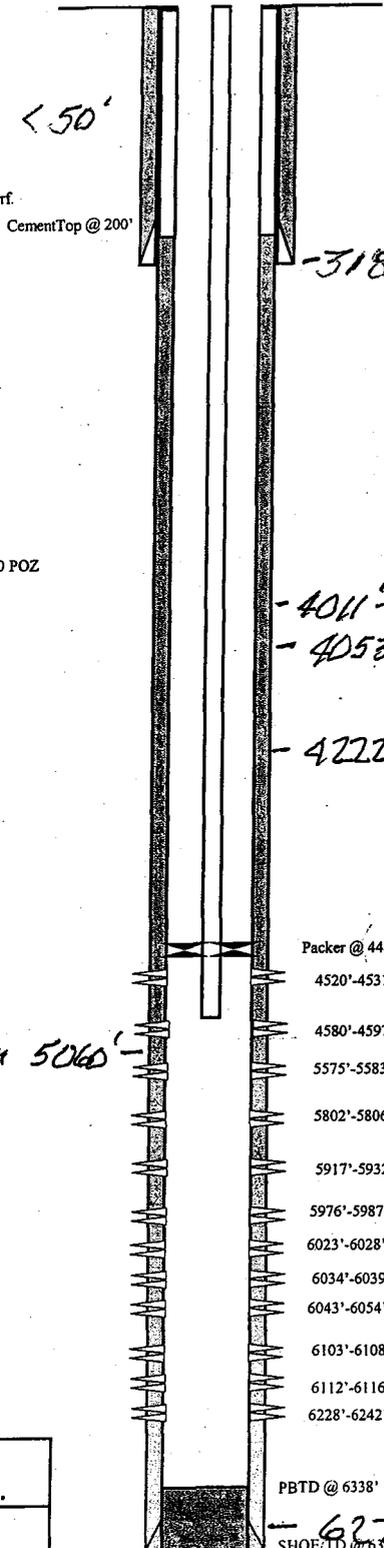
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 149 jts. (6382')
DEPTH LANDED: 6377' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ mixed.
CEMENT TOP AT: 200'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 189 jts (6131.01')
TUBING ANCHOR: 6143.01' KB
NO. OF JOINTS: 1 jts (32.56')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 6178.37' KB
NO. OF JOINTS: 2 jts (65.17')
TOTAL STRING LENGTH: BOT @ 6245.09' w/12' KB

Proposed Injection Wellbore Diagram



Initial Production: 85 BOPD,
55 MCFD, 13 BWPD

FRAC JOB

5/6/03 6103'-6242' Frac CP4 and 5 sands as follows:
81,225# 20/40 sand in 632 bbls Viking I-25 fluid. Treated @ avg press of 1720 psi w/avg rate of 28.2 BPM. ISIP 1800 psi. Calc flush: 6101 gal. Actual flush: 6069 gal.

5/6/03 5917'-6054' Frac CP1, 2 and 3 sands as follows:
100,003# 20/40 sand in 745 bbls Viking I-25 fluid. Treated @ avg press of 1550 psi w/avg rate of 28.2 BPM. ISIP 1730 psi. Calc flush: 5914 gal. Actual flush: 5838 gal.

5/6/03 5575'-5806' Frac A3/LODC sands as follows:
32,937# 20/40 sand in 254 bbls Viking I-25 fluid. Treated @ avg press of 3495 psi w/avg rate of 20 BPM. ISIP N/A. Screened out.

5/6/03 4520'-4597' Frac GB4 and 6 sands as follows:
80,727# 20/40 sand in 588 bbls Viking I-25 fluid. Treated @ avg 1925 psi w/avg rate of 28 BPM. ISIP 1720 psi. Calc flush: 4518 gal. Actual flush: 4452 gal.

PERFORATION RECORD

Date	Depth Range	Perforations	Holes
05/5/03	6228'-6242'	4 JSPF	56 holes
05/5/03	6112'-6116'	4 JSPF	16 holes
05/5/03	6103'-6108'	4 JSPF	20 holes
05/6/03	6043'-6054'	4 JSPF	44 holes
05/6/03	6034'-6039'	4 JSPF	20 holes
05/6/03	6023'-6028'	4 JSPF	20 holes
05/6/03	5976'-5987'	4 JSPF	44 holes
05/6/03	5917'-5932'	4 JSPF	60 holes
05/6/03	5802'-5806'	4 JSPF	16 holes
05/6/03	5575'-5583'	4 JSPF	32 holes
05/6/03	4580'-4597'	4 JSPF	68 holes
05/6/03	4520'-4531'	4 JSPF	44 holes

Inland Resources Inc.
Humpback 1A-26-8-17
461' FEL & 833' FNL
NE/NE Section 26-T8S-R17E
Uintah Co, Utah
API #43-047-34160; Lease #UTU-67845

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU67845

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, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:
HUMBACK UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
HUMBACK 1A-26-8-17

2. NAME OF OPERATOR:
Newfield Production Company

9. API NUMBER:
4304734160

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: 461 FEWL 833 FNL

COUNTY: Uintah

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NE/NE, 26, T8S, R17E

STATE: Utah

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

TYPE OF ACTION SubDate

TYPE OF SUBMISSION	TYPE OF ACTION	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"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 06/10/2005	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION
		<input type="checkbox"/> REPERFORATE CURRENT FORMATION
		<input type="checkbox"/> SIDETRACK TO REPAIR WELL
		<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLAIR	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUT-OFF	
	<input checked="" type="checkbox"/> OTHER: - Injection Conversion	

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

The subject well was converted from a producing to a injection well on 5-11-05. The rods and tubing anchor were removed and a packer was inserted in bottom hole assembly at 44533' On 5-13-05 Dan Jackson with the EPA was contacted concerning teh initial MIT on the above listed well. Permission was given at that time to perform the test on 6-2-05. On 6-2-05 the csg was pressured up to 1200 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The Tbg pressure was 375 psig during the test. There was not an EPA representative available to witness the test. EPA # UT20852-06416 API #43-047-34160.

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

NAME (PLEASE PRINT) Kathy Chapman TITLE Office Manager

SIGNATURE  DATE 06/13/2005

(This space for State use only)

RECEIVED
JUN 15 2005
DIV. OF OIL, GAS & MINING

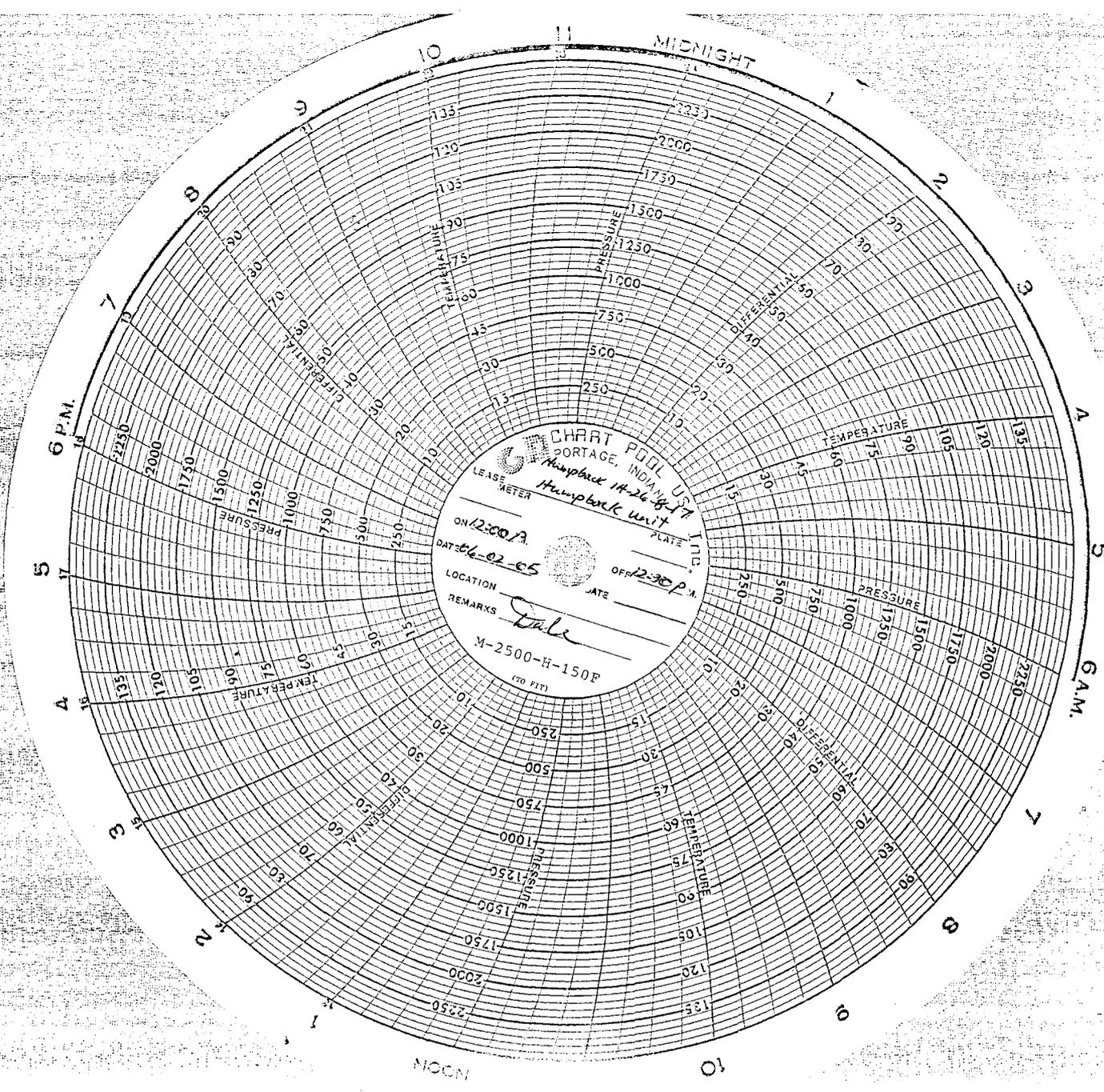


CHART POOL UNIT
 PORTAGE, INDIANA
 Humphreys 14-26-88
 Humphreys unit
 DATE: 06-02-85
 LOCATION
 REMARKS: Dale
 M-2500-H-150P

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Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
 Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW
 999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 06/02/05
 Test conducted by: Dale Giles
 Others present: _____

Well Name: <u>Humpback 1A-26-8-17</u> Type: ER SWD Status: AC TA UC	
Field: <u>Humpback Unit</u>	
Location: _____	Sec: <u>26 T 8 N10R 17 E1W</u> County: <u>Uintah</u> State: <u>UT</u>
Operator: <u>Newfield Production Co.</u>	
Last MIT: <u>1/1</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>375</u> psig	psig	psig
End of test pressure	<u>375</u> psig	psig	psig
CASING/TUBING ANNULUS PRESSURE			
0 minutes	<u>1200</u> psig	psig	psig
5 minutes	<u>1200</u> psig	psig	psig
10 minutes	<u>1200</u> psig	psig	psig
15 minutes	<u>1200</u> psig	psig	psig
20 minutes	<u>1200</u> psig	psig	psig
25 minutes	<u>1200</u> psig	psig	psig
30 minutes	<u>1200</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input 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

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 <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other Injection well		5. Lease Serial No. UTU67845
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) 461 FEWL 833 FNL NE/NE Section 26 T8S R17E		8. Well Name and No. HUMPBAC 1A-26-8-17
		9. API Well No. 4304734160
		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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other Change Status, Put Well on Injection

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 recomplate 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.)

The above referenced well was put on injection at 12:00 p.m. on 7/7/05.

RECEIVED
JUL 12 2005
DIV. OF OIL, GAS & MINING

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

I hereby certify that the foregoing is true and correct	Title
Name (Printed/Typed) Mandie Crozier	Regulatory Specialist
Signature <i>Mandie Crozier</i>	Date 07/08/2005

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)

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
 UTU67845

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, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
 HUMBACK UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER Injection well

8. WELL NAME and NUMBER:
 HUMBACK 1A-26-8-17

2. NAME OF OPERATOR:
 Newfield Production Company

9. API NUMBER:
 4304734160

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: 461 FEWL 833 FNL

COUNTY: Uintah

OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: NE/NE, 26, T8S, R17E

STATE: Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION		
		SubDate	
<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: 11/21/2005	<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: - Step Rate Test
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

A step rate test was conducted on the subject well on November 17, 2005. Results from the test indicate that the fracture gradient is .671 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1065 psi.

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

NAME (PLEASE PRINT) Cheyenne Batemen

TITLE Well Analyst Foreman

SIGNATURE *Cheyenne Batemen*

DATE 11/21/2005

(This space for State use only)

RECEIVED
NOV 22 2005
 DIV. OF OIL, GAS & MINING

Step Rate Test (SRT) Analysis

Date: 11/21/2005

Operator:

Newfield Production Company

Well:

Humpback 1A-26-8-17

Permit #:

UT20852-06416

Enter the following data :

Specific Gravity (sg) of injectate = 1.005 g/cc
Depth to top perforation (D) = 4520 feet
Top of permitted injection zone depth (blank=use top perforation to calculate fg) = _____ feet
Estimated Formation Parting Pressure (Pfp) from SRT chart = 1065 psi
Instantaneous Shut In Pressure (ISIP) from SRT = 1090 psi
Bottom Hole Parting Pressure (Pbhp) from downhole pressure recorder = _____ psi

Part One - Calculation of Fracture Gradient (fg)

Calculated Fracture Gradient = 0.671 psi/ft.

where: fg = Pbhp / D (Note: this formula uses the downhole recorded bottom hole parting pressure if available) =

D = depth used = 4520

Pbhp used = 3032

Calculated Bottom Hole Parting Pressure (Pbhp) = 3032 psi

to calculate Bottom Hole Parting Pressure (Pbhp) = Formation Fracture Pressure (ISIP or Pfp) + (0.433 * SG * D)

(Uses lesser of ISIP or Pfp) Value used = 1065

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

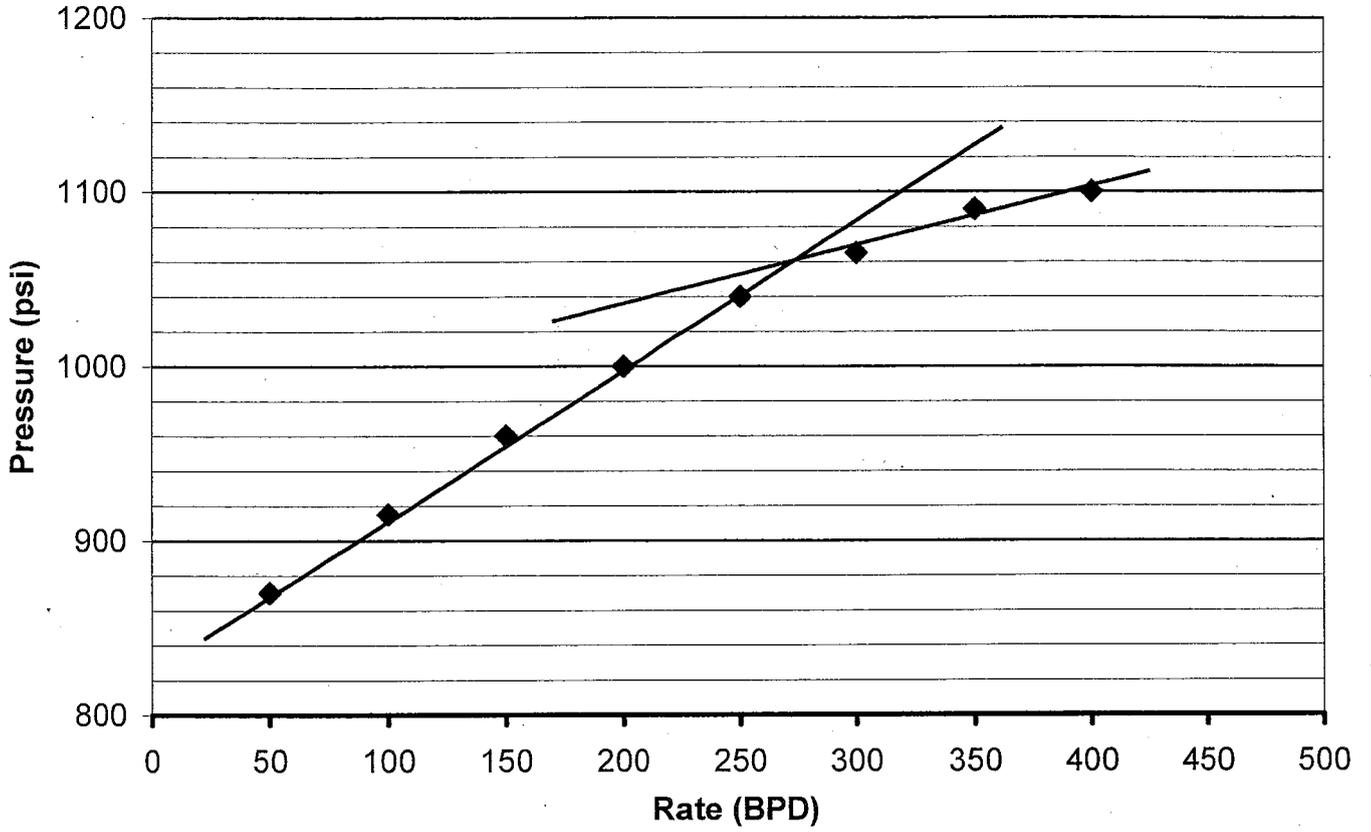
Maximum Allowable Injection Pressure (MAIP) = 1065 psig

D = depth used = 4520

MAIP = [fg - (0.433 * SG)] * D = 1065.974

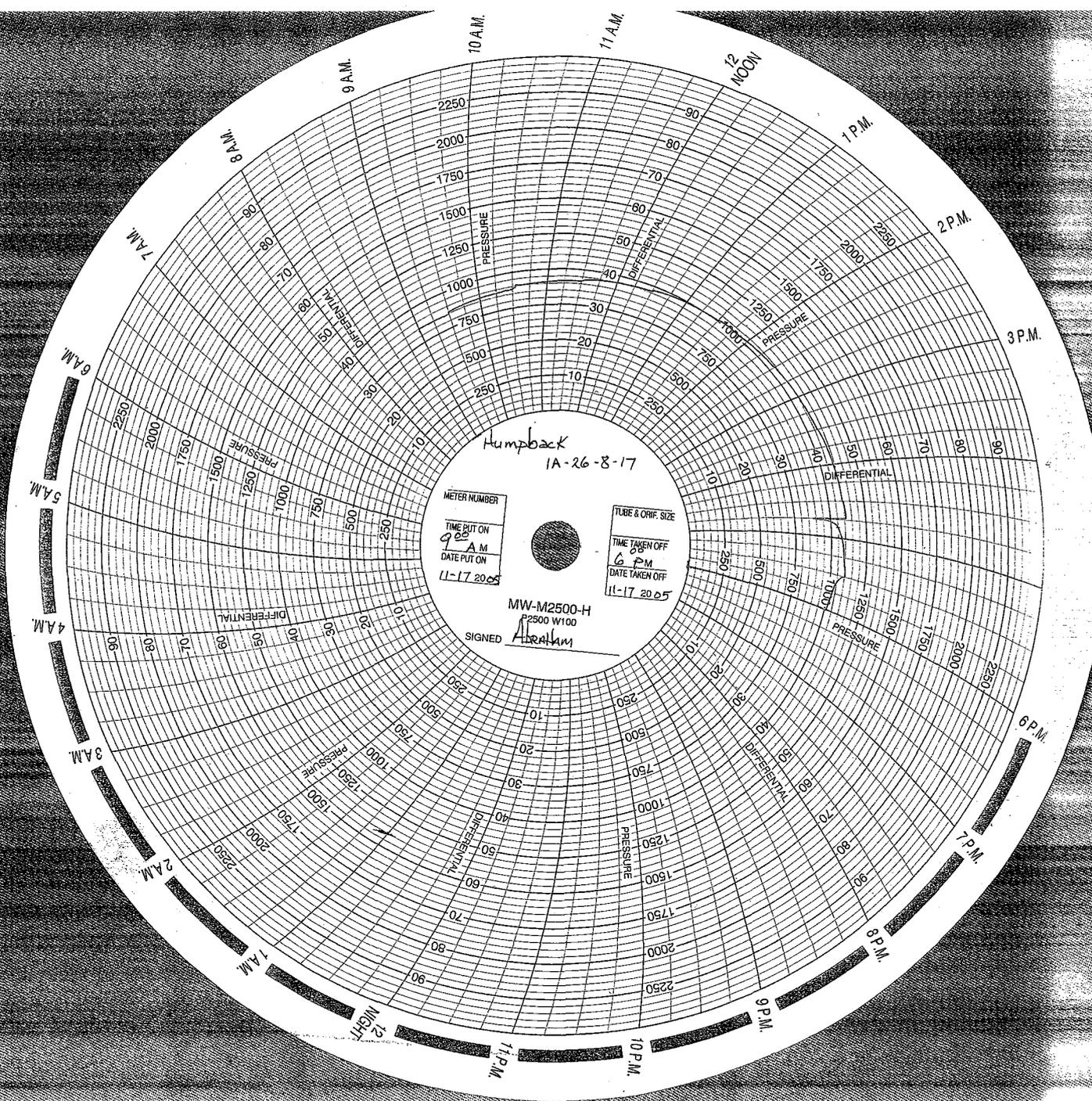
(rounded to nearest 5 psig)

Humpback 1A- 26-8-17
Humpback Unit
Step Rate Test
November 17, 2005



Start Pressure: 845 psi
Instantaneous Shut In Pressure (ISIP): 1090 psi
Top Perforation: 4520 feet
Fracture pressure (Pfp): 1065 psi
FG: 0.671 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	50	870
2	100	915
3	150	960
4	200	1000
5	250	1040
6	300	1065
7	350	1090
8	400	1100





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8

999 18TH STREET - SUITE 200

DENVER, CO 80202-2466

Phone 800-227-8917

http://www.epa.gov/region08

DEC - 2 2005

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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

Mr. Michael Guinn
Vice President - Operations
Newfield Production Company
Route 3 - Box 3630
Myton, UT 84502

43,047,34160

RE: UNDERGROUND INJECTION CONTROL (UIC)
Minor Permit Modification
Increase Injection Pressure: No. 1
EPA Permit No. UT20852-06416
Humpback No. 1A-26-8-17
NE NE Sec. 26 - T8S - R17E
Uintah County, Utah

Dear Mr. Guinn:

The Region VIII Ground Water Program offices of the Environmental Protection Agency (EPA) received from Newfield Production Company (Newfield) the results and analysis of a November 17, 2005 Step-Rate Test (SRT) run on the Humpback No. 1A-26-8-17 enhanced recovery injection well, EPA Permit No. UT20852-06416. Included with the results was a request to increase the maximum allowable injection pressure (MAIP) from 970 psig to 1065 psig.

EPA has reviewed the Permit File, and the submitted SRT information show that the formation parting pressure of the injection zone was reached under the conditions recorded during the test. Based upon this test and the EPA analysis, the Director has determined that a pressure of 1065 psig, measured at the surface, is appropriate to ensure that injection does not initiate new fractures or propagate existing fractures in the confining zone overlying the injection zones, and underground sources of drinking water (USDW) will continue to be protected.

RECEIVED

DEC 07 2005

UIC OF OIL, GAS AND MINING

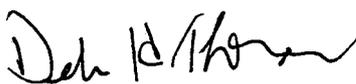
Therefore, pursuant to 40 CFR §144.41 (e), the EPA hereby modifies EPA Permit No. 20852-06416 and **authorizes a MAIP of 1065 psig** for the Humpback No. 1A-26-8-17 enhanced recovery injection well.

Should Newfield in the future choose to request a modification to the approved MAIP, new supporting data such as a new SRT will be required as part of your request. In order to inject at pressures greater than the permitted MAIP during any future test(s), the permittee must receive prior authorization from the Director.

If you have any questions in regard to the above action, please contact Dan Jackson of my staff by calling 303-312-6155, or 1-800-227-8917 (Ext. 6155).

Please send all compliance correspondence relative to this well to the **ATTENTION: NATHAN WISER**, at the letterhead address citing **MAIL CODE: 8ENF-UFO** very prominently. You may call Mr. Wisser at 303-312-6211, or 1-800-227-8917 (Ext. 6211).

Sincerely,



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

cc: Maxine Natchees
Acting Chairperson
Uintah & Ouray Business Committee
Ute Indian Tribe

Elaine Willie
Environmental Coordinator
Ute Indian Tribe

Chester Mills
Superintendent
Bureau of Indian Affairs
Uintah & Ouray Indian Agency

David Gerbig
Operations Engineer
Newfield Production Company
Denver, Colorado

Gil Hunt
Technical Services Manager
State of Utah - Natural Resources

Matt Baker
Petroleum Engineer
Bureau of Land Management
Vernal District

Nathan Wiser
8ENF-UFO

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.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-67845
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or HUMPBAC UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 833 FNL 461 FEL NENE Section 26 T8S R17E		8. Well Name and No. HUMPBAC 1A-26-8-17
		9. API Well No. 4304734160
		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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other _____ Step Rate Test

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 recomplate 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 May 23, 2007. Results from the test indicate that the fracture gradient is .753 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1415 psi.

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

RECEIVED
JUN 28 2007
DIV. OF OIL, GAS & MINING

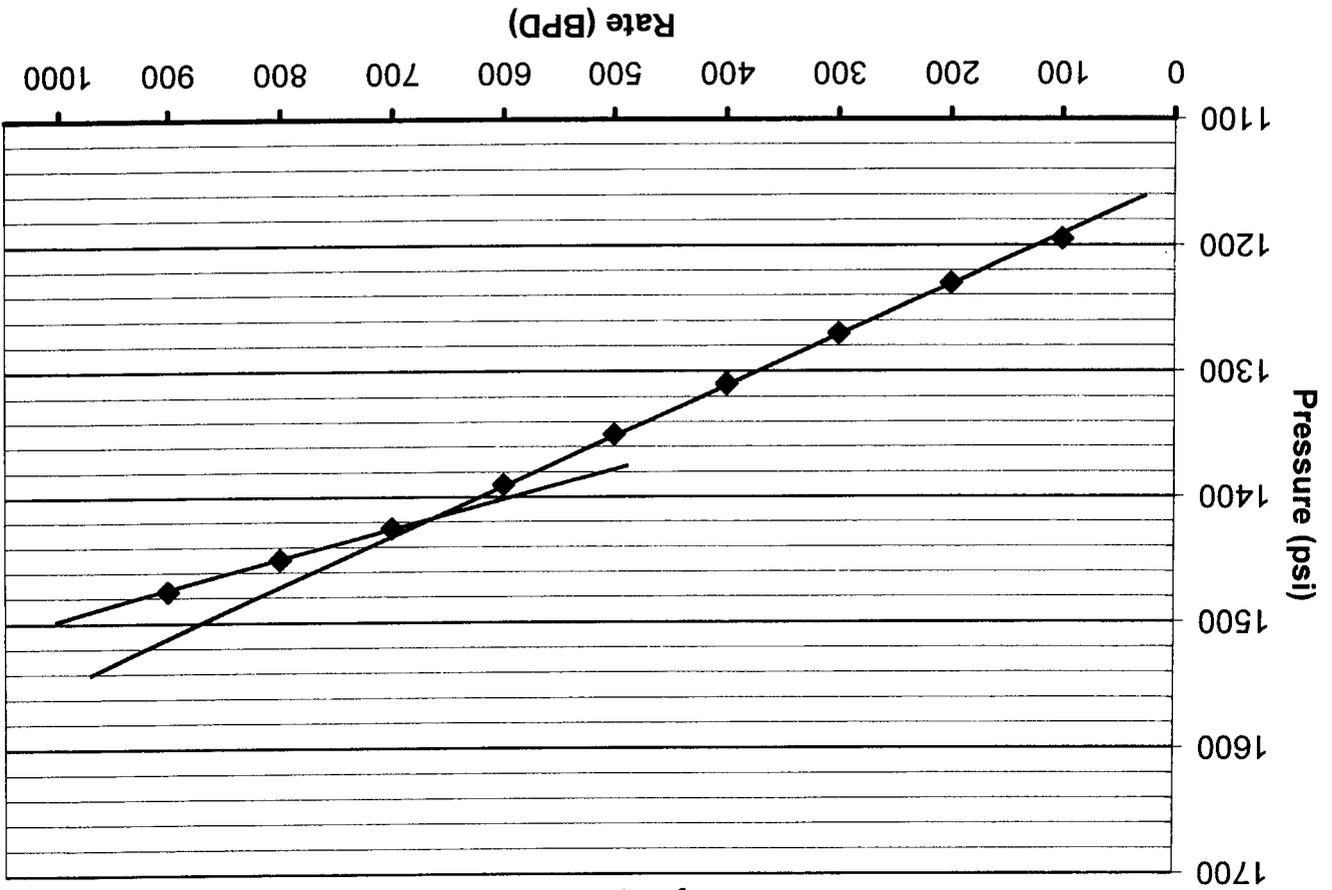
I hereby certify that the foregoing is true and correct (Printed/ Typed) Chevenne Bateman	Title Well Analyst Foreman
Signature 	Date 06/25/2007

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)

Humpback 1A-26-8-17
 Humpback Unit
 Step Rate Test
 May 23, 2007

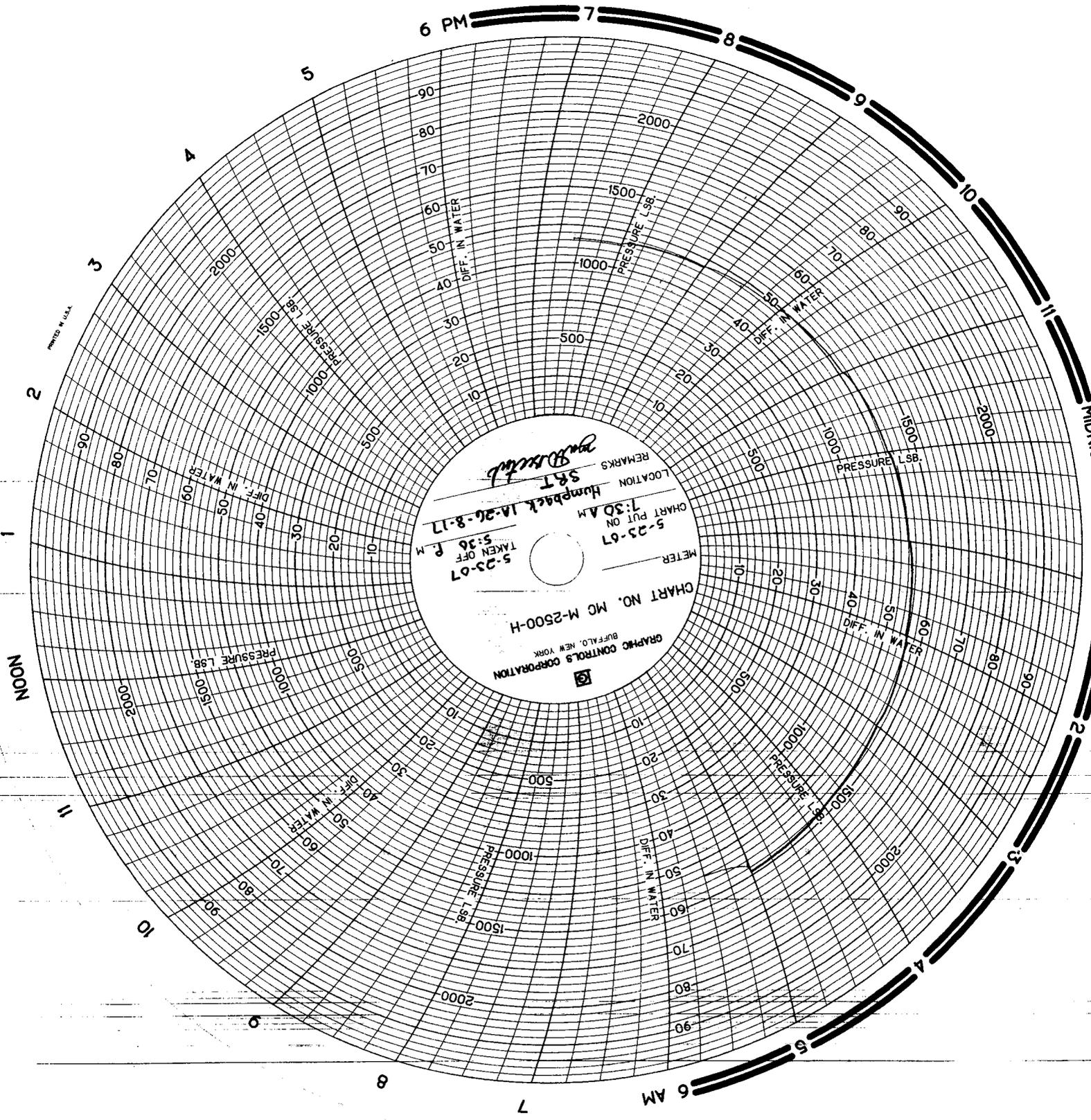


Step	Rate(bpd)	Pressure(psi)
1	100	1475
2	200	1430
3	300	1390
4	400	1350
5	500	1310
6	600	1270
7	700	1230
8	800	1195
9	900	1160

1160 psi
 1440 psi
 4520 feet
 1415 psi
 0.753 psi/ft

Start Pressure:
 Instantaneous Shut In Pressure (SIP):
 Top Perforation:
 Fracture pressure (Pfp):
 FG:

PRINTED IN U.S.A.



6 PM

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8

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MIDNIGHT

2

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6 AM

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NOON

1

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5

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

5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-67845
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: HUMBACK UNIT
8. WELL NAME and NUMBER: HUMBACK 1A-26-8-17
9. API NUMBER: 4304734160
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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> 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: 833 FNL 461 FEL COUNTY: UINTAH	
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENE, 26, T8S, R17E STATE: UT	

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

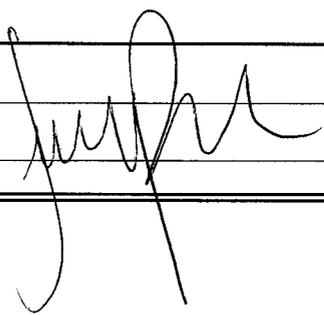
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 05/29/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The above subject well had workover procedures performed (Packer leak), attached is daily status report.

On 05/01/08 Nathan Wisner with the EPA was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 05/23/08. On 05/23/08 the csg was pressured up to 1075 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 760 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20852-06416 API# 43-013-34160

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

NAME (PLEASE PRINT) <u>Jentri Park</u>	TITLE <u>Production Tech</u>
SIGNATURE 	DATE <u>05/29/2008</u>

(This space for State use only)

RECEIVED
JUN 02 2008
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

HUMPBACK 1A-26-8-17**3/1/2008 To 7/30/2008****5/18/2008 Day: 1****Workover**

Western #2 on 5/17/2008 - MIRU Western #2. Bleed well down. ND wellhead. Found pkr in compression. Release Arrowset pkr @ 4453'. NU BOP. RU HO trk & flush tbg W/ 30 BW @ 175°F. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Holds solid for 20 minutes. Retrieve SV W/ overshot on sdline. TOH & talley injection string. Broke & applied Liquid O-ring to even connections only. LD pkr--looks OK. MU & TIH W/ redressed Weatherford 5 1/2" Arrowset 1-X (W/ hardened steel slips & W.L. re-entry guide), new SN & injection tbg (same as pulled). Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Watched for 30 minutes & lost 40 psi. Bump back to 3000 psi & shut in over weekend.

5/20/2008 Day: 2**Workover**

Western #2 on 5/19/2008 - Tbg pressure @ 3000 psi. Retrieve SV W/ overshot on sandline. ND BOP & land tbg on flange. Mix & pump 15 gals Multi-Chem C-6031 & 5 gals B-8675 in 70 bbls fresh wtr. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4449', CE @ 4453' & EOT @ 4458'. Land tbg W/ 16,000# tension. NU wellhead. Pressure test annulus to 1400 psi. Held solid for 30 minutes. RDMOSU. Well ready for MIT.

5/24/2008 Day: 3**Workover**

on 5/23/2008 - On 5/1/08 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well (HB 1A-26-8-17). Permission was given at that time to perform the test on 5/23/08. On 5/23/08 the csg was pressured up to 1075 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 760 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20852-06416 API# 43-047-34160

Pertinent Files: Go to File List

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: 05/22/08
 Test conducted by: Dale Giles
 Others present: _____

Well Name: <u>Humpback 1A-26-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Humpback Unit</u>		
Location: _____	Sec: <u>26 T 8 N 10 R 17 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: <u>1415</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: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>760</u> psig	psig	psig
End of test pressure	<u>760</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1075</u> psig	psig	psig
5 minutes	<u>1075</u> psig	psig	psig
10 minutes	<u>1075</u> psig	psig	psig
15 minutes	<u>1075</u> psig	psig	psig
20 minutes	<u>1075</u> psig	psig	psig
25 minutes	<u>1075</u> psig	psig	psig
30 minutes	<u>1075</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: _____

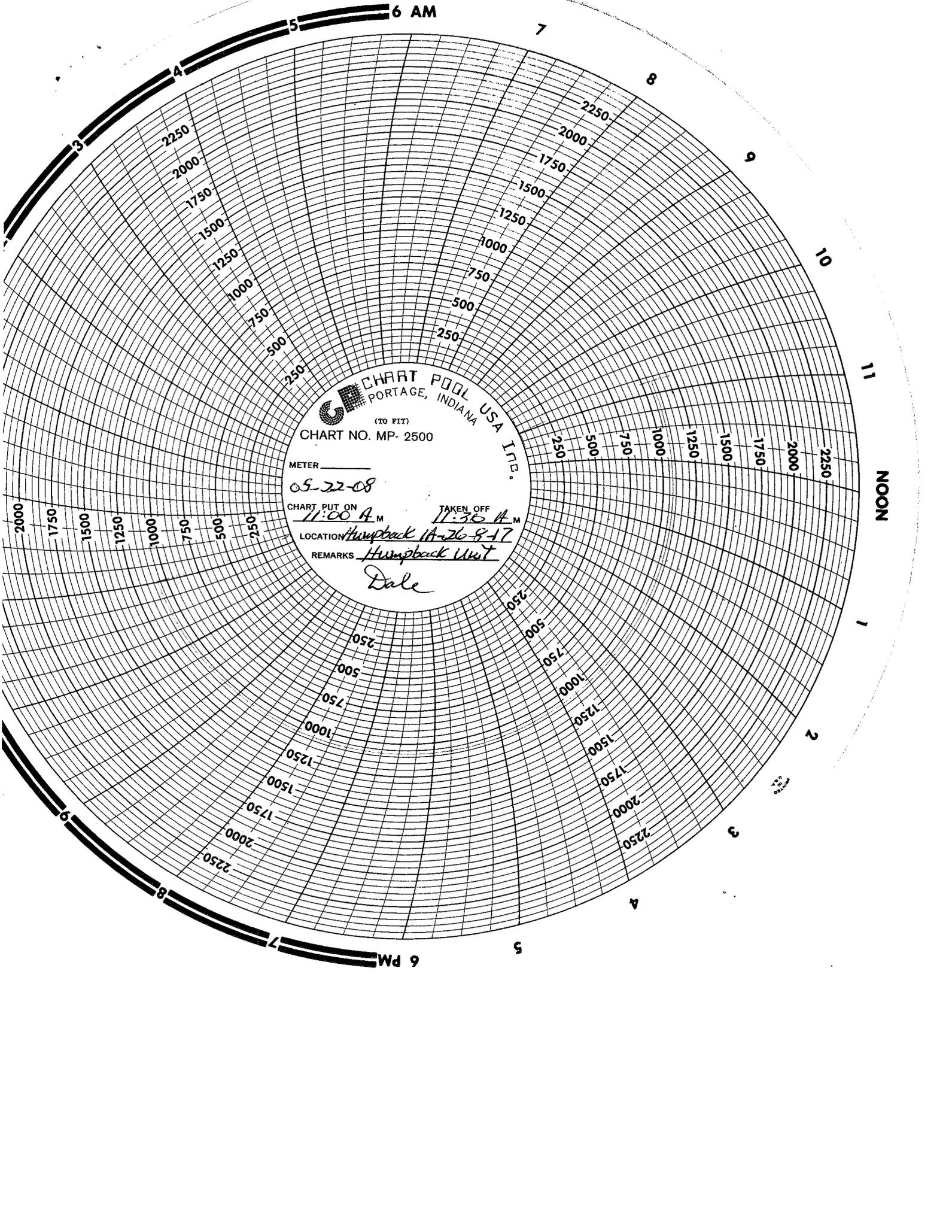


CHART POOL USA Inc.
PORTAGE, INDIANA
(TO FIT)
CHART NO. MP- 2500

METER _____
05-22-08

CHART PUT ON *11:00 A.M.* TAKEN OFF *11:30 A.M.*

LOCATION *Humpback 1A-26-8-17*

REMARKS *Humpback Unit*
Dale

NOON

6 PM

6 AM



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

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

JUN 16 2008

Ref: 8ENF-UFO

CERTIFIED MAIL 7005-1820-0005-4856-0117
RETURN RECEIPT REQUESTED

Mr. Michael Guinn
District Manager
Newfield Production Company
Route 3-Box 3630
Myton, UT 84052

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

43 091 34160
Re: Underground Injection Control (UIC)
Permission To Resume Injection
Humpback 1A-26-8-17
EPA Permit # UT20852-06416
Monument Butte Oil Field
Uintah County, Utah

85 17E 26

Dear Mr. Guinn:

On June 2, 2008, EPA received information from Newfield Production Company on the above referenced well concerning the workover to replace a leaking packer and the follow up mechanical integrity test (MIT) conducted on May 22, 2008. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before May 22, 2013.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

RECEIVED

JUN 19 2008

DIV. OF OIL, GAS & MINING

If you have any questions concerning this letter, you may contact Nathan Wiser at (303) 312-6211. Please direct all correspondence to the attention of Nathan Wiser at Mail Code 8ENF-UFO.

Sincerely,

for 

Mark A.R. Chalfant
Director
Technical Enforcement Program

cc: Curtis Cesspooch, Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Shaun Chapoose, Director, Land Use Department
Ute Indian Tribe
P.O. Box 460
Fort Duchesne, Utah 84026

Gil Hunt
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-67845
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: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: HUMPBAC U 1A-26-8-17
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43047341600000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0833 FNL 0461 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 26 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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/22/2013 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
		<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: 5 YR MIT
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
5 YR MIT on the above listed well. On 04/22/2013 the casing was pressured up to 1110 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1373 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-06416		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 01, 2013
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 4/25/2013

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: 4/22/13
 Test conducted by: Dele Giles
 Others present: _____

Well Name: <u>Humpback 1A-26-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>NE/NE Sec: 26 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>1/1</u>	Maximum Allowable Pressure: <u>1435</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: 0 psig

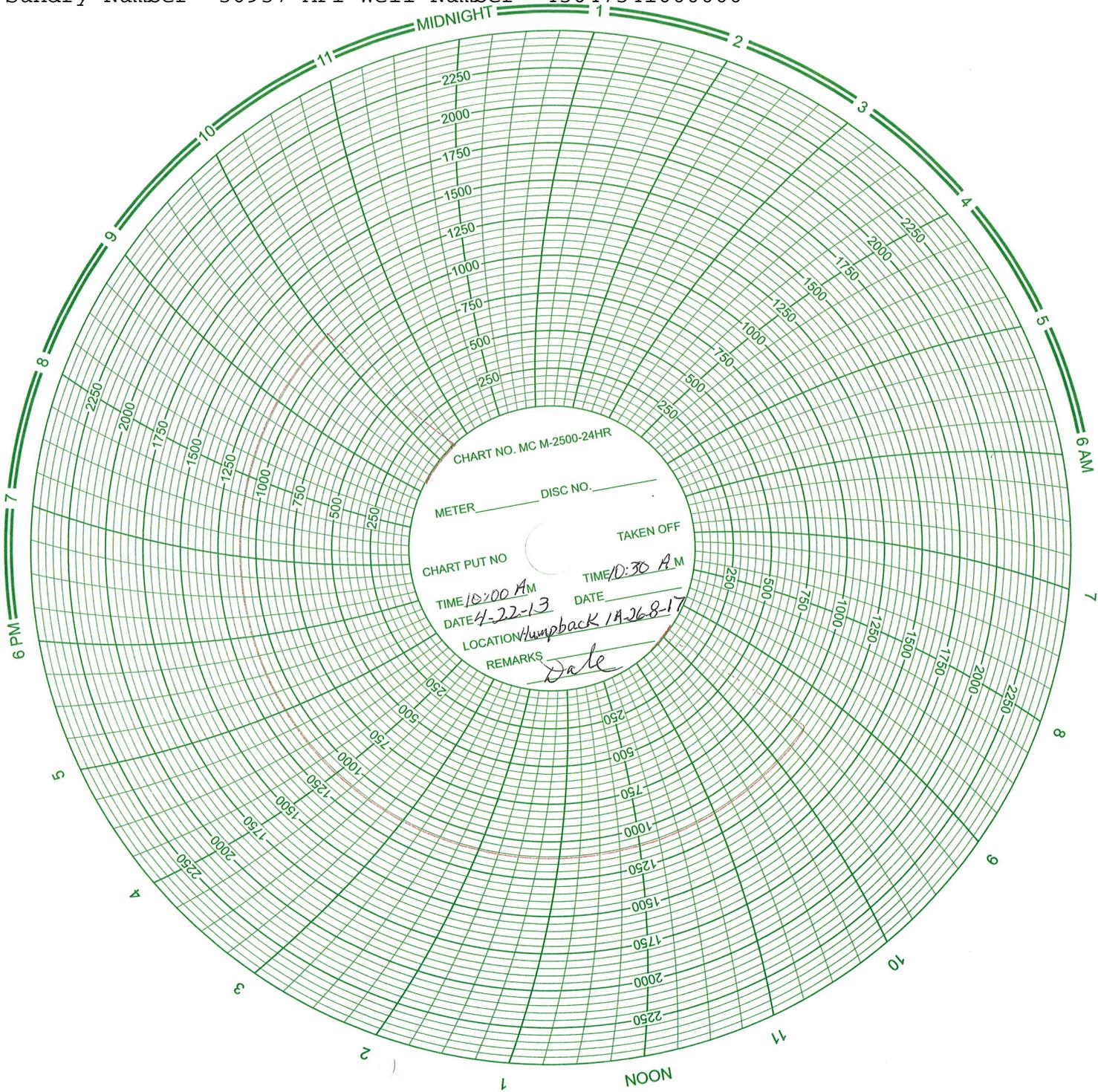
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1373</u> psig	psig	psig
End of test pressure	<u>1373</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1110</u> psig	psig	psig
5 minutes	<u>1110</u> psig	psig	psig
10 minutes	<u>1110</u> psig	psig	psig
15 minutes	<u>1110</u> psig	psig	psig
20 minutes	<u>1110</u> psig	psig	psig
25 minutes	<u>1110</u> psig	psig	psig
30 minutes	<u>1110</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 1A-26-8-17

Spud Date: 3/31/03
 Put on Production: 5/9/03
 GL:5013 ' KB:5025 '

Initial Production: 85 BOPD,
 55 MCFD, 13 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (308')
 DEPTH LANDED: 318' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 140 sxs Class "G" cmt mixed, est 4 bbls cmt to surf.

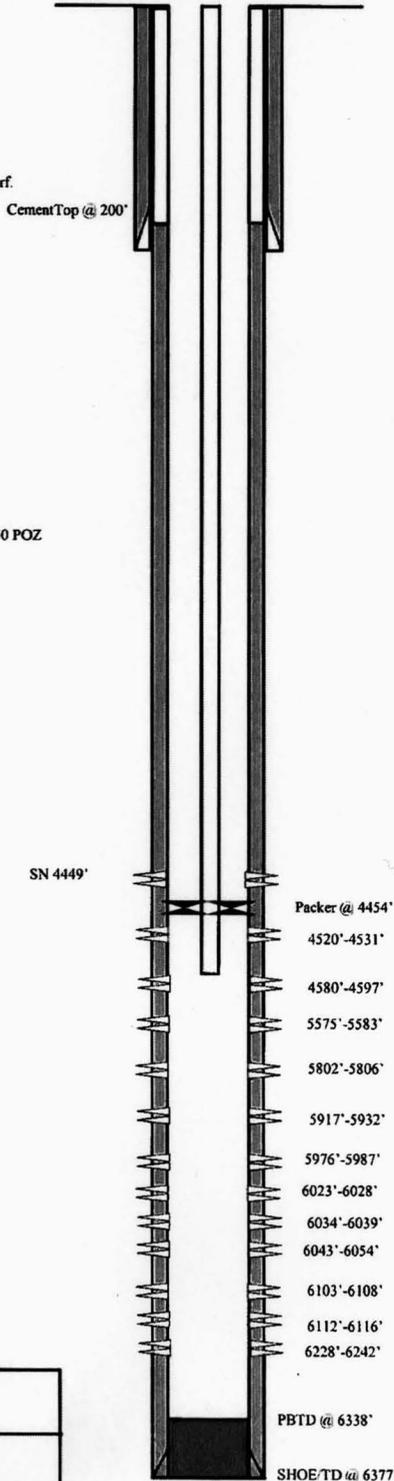
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 149 jts. (6382')
 DEPTH LANDED: 6377' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ mixed.
 CEMENT TOP AT: 200'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 137 jts (4437.15')
 SEATING NIPPLE: 2-7/8" (1.10")
 SN LANDED AT: 4449.15' KB
 TOTAL STRING LENGTH: EOT @ 4457.65 KB

Injection Wellbore Diagram



FRAC JOB

5/6/03 6103'-6242' **Frac CP4 and 5 sands as follows:**
 81,225# 20/40 sand in 632 bbls Viking I-25 fluid. Treated @ avg press of 1720 psi w/avg rate of 28.2 BPM. ISIP 1800 psi. Calc flush: 6101 gal. Actual flush: 6069 gal.

5/6/03 5917'-6054' **Frac CP1, 2 and 3 sands as follows:**
 100,003# 20/40 sand in 745 bbls Viking I-25 fluid. Treated @ avg press of 1550 psi w/avg rate of 28.2 BPM. ISIP 1730 psi. Calc flush: 5914 gal. Actual flush: 5838 gal.

5/6/03 5575'-5806' **Frac A3/LODC sands as follows:**
 32,937# 20/40 sand in 254 bbls Viking I-25 fluid. Treated @ avg press of 3495 psi w/avg rate of 20 BPM. ISIP N/A. Screened out.

5/6/03 4520'-4597' **Frac GB4 and 6 sands as follows:**
 80,727# 20/40 sand in 588 bbls Viking I-25 fluid. Treated @ avg 1925 psi w/avg rate of 28 BPM. ISIP 1720 psi. Calc flush: 4518 gal. Actual flush: 4452 gal.

6-2-05
 Converted to injection with no new perfs or fracs.

05-19-08
 Workover MIT. Update tubing detail information

PERFORATION RECORD

Date	Interval	Perforations	Holes
05/5/03	6228'-6242'	4 JSPF	56 holes
05/5/03	6112'-6116'	4 JSPF	16 holes
05/5/03	6103'-6108'	4 JSPF	20 holes
05/6/03	6043'-6054'	4 JSPF	44 holes
05/6/03	6034'-6039'	4 JSPF	20 holes
05/6/03	6023'-6028'	4 JSPF	20 holes
05/6/03	5976'-5987'	4 JSPF	44 holes
05/6/03	5917'-5932'	4 JSPF	60 holes
05/6/03	5802'-5806'	4 JSPF	16 holes
05/6/03	5575'-5583'	4 JSPF	32 holes
05/6/03	4580'-4597'	4 JSPF	68 holes
05/6/03	4520'-4531'	4 JSPF	44 holes

NEWFIELD

Humpback 1A-26-8-17
 461' FEL & 833' FNL
 NE/NE Section 26-T8S-R17E
 Uintah Co, Utah
 API #43-047-34160; Lease #UTU-67845