

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

001

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. UTU-74870	
1b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR Inland Production Company		7. UNIT AGREEMENT NAME Humpback	
3. ADDRESS OF OPERATOR Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721		8. FARM OR LEASE NAME WELL NO 13A-25-8-17	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At Surface SW/SW 784' FSL 632' FWL At proposed Prod. Zone		9. API WELL NO.	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 19.3 miles southeast of Myton, Utah		10. FIELD AND POOL OR WILDCAT Monument Butte	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to Approx. 536' f/lse line & 784' f/unit line	16. NO. OF ACRES IN LEASE 359.94	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. 1472'	19. PROPOSED DEPTH 6500'	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5039.9' GR	22. APPROX. DATE WORK WILL START* 1st Quarter 2002		
23. PROPOSED CASING AND CEMENTING PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH
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.

*Federal Approval of this
Action is Necessary*

RECEIVED

FEB 01 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 *Wanda Crozier* TITLE Permit Clerk DATE 1/30/02

(This space for Federal or State office use)

PERMIT NO. 43-047-34200 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 *Bradley G. Hill* TITLE RECLAMATION SPECIALIST III DATE 02-14-02

***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.

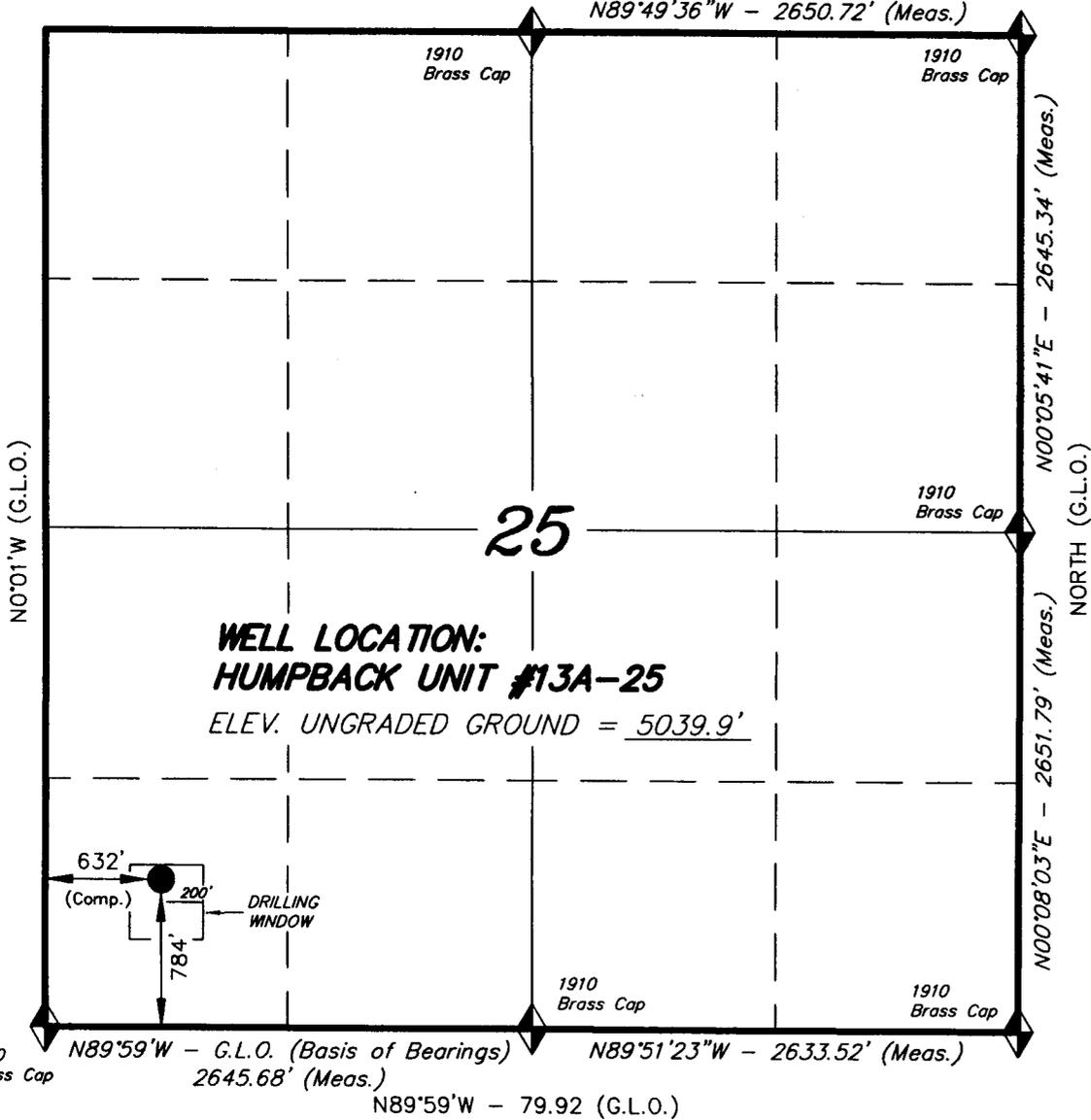
T8S, R17E, S.L.B.&M.

N89°58'W - 79.90 (G.L.O.)

N89°49'36"W - 2650.72' (Meas.)

INLAND PRODUCTION COMPANY

WELL LOCATION, HUMPBACK UNIT #13A-25, LOCATED AS SHOWN IN THE SW 1/4 SW 1/4 OF SECTION 25, T8S, R17E, S.L.B.&M. UINTAH COUNTY, UTAH.



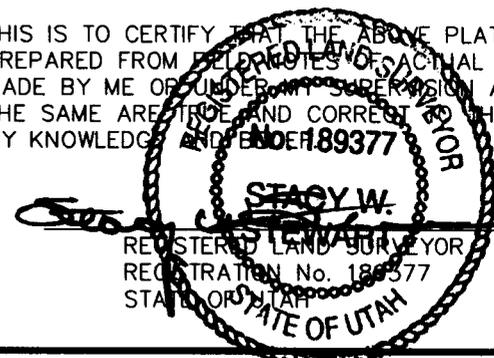
**WELL LOCATION:
HUMPBACK UNIT #13A-25**
ELEV. UNGRADED GROUND = 5039.9'

NOTE:

The well location bears N38°50'27"E 1006.86' from the Southwest Corner of Section 25.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



◆ = SECTION CORNERS LOCATED

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

TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078
(435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: D.J.S.
DATE: 11-25-01	DRAWN BY: J.R.S.
NOTES:	FILE #



January 30, 2002

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: Humpback 13A-25-8-17.

Dear Brad:

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

Sincerely,


Mandie Crozier
Permit Clerk

mc
enclosures

RECEIVED

FEB 01 2002

DIVISION OF
OIL, GAS AND MINING

Well No.: Humpback 13A-25-8-17

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Humpback 13A-25-8-17

API Number:

Lease Number: UTU-74870

Location: SWSW Sec. 25, 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

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

WILDLIFE AND FISHERIES

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

THREATENED, ENDANGERED, AND OTHER SENSITIVE SPECIES

FERRUGINOUS HAWK: Due to this proposed well location's proximity (less than 1.0 mile) to an existing inactive ferruginous hawk nest site, the well must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

LOCATION AND RESERVE PIT RECLAMATION

During construction of the reserve pit, a small amount of topsoil shall be stockpiled nearby, to be spread over the reserve pit area at the time the reserve pit is reclaimed.

The topsoil stockpile shall be reseeded immediately after site construction by broadcasting the seed, then walking the topsoil stockpile with the dozer to plant the seed.

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

Shadscale	<i>Atriplex confertifolia</i>	4 lbs/acre
Gardner saltbush	<i>Atriplex gardneri</i>	4 lbs/acre
Indian ricegrass	<i>Oryzopsis hymenoides</i>	4 lbs/acre

The reserve pit shall be reclaimed immediately after drilling operations have ceased. The pit shall be reclaimed by: 1) removing all liquids and any oily debris according to Utah Division of Oil, Gas, & Mining pit closure rules; 2) perforating and folding the liner in place (if a pit liner is used); 3) recontouring the surface; 4) broadcasting the seed over the recontoured surface; and 5) walking the surface of the pit with a dozer to plant the seed.

At the time of final abandonment, the location and access will be recontoured to natural topography and topsoil spread over the area and the surface seeded immediately.

PIPELINES

Installation of a surface gas pipeline and/or 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 disturbance area associated with buried pipelines 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 reserve pit and 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.

**INLAND PRODUCTION COMPANY
HUMPBACK #13A-5-8-17
SW/SW SECTION 25, 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 #13A-25-8-17
SW/SW SECTION 25, 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 #13A-25-8-17 located in the SW 1/4 SW 1/4 Section 25, 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 - 13.8 miles \pm to its junction with an existing road to the north; proceed northerly - 0.3 miles \pm to its junction with an existing road to the east; proceed northeasterly - 3.6 miles \pm to its junction with the beginning of the proposed access road; proceed southerly along the proposed access road 203' \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 Archaeological Resource Survey for this area is attached.

The Paleontological Resource Survey will be forthcoming.

Inland Production Company requests a 60' ROW for the Humpback #13A-25-8-17 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 #9-25-8-17 to allow for construction of a 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."**

Water Disposal

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.

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 #13A-25-8-17 SW/SW Section 25, Township 8S, Range 17E: Lease UTU-74870 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.

1/28/02

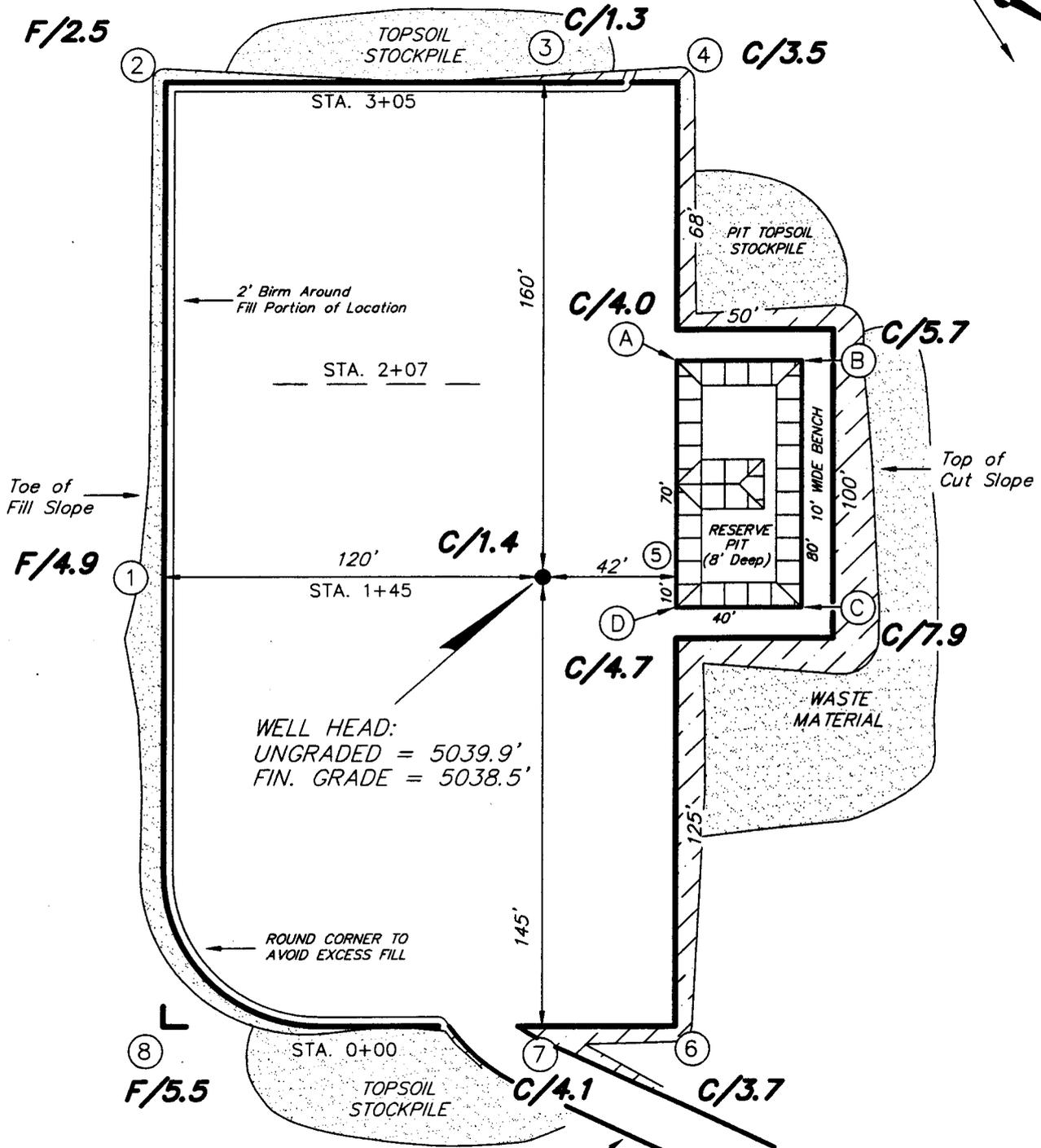
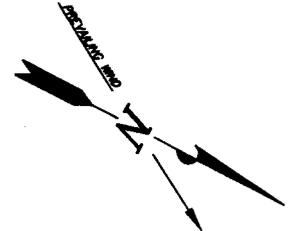
Date

Mandie Crozier

Mandie Crozier
Permit Clerk

INLAND PRODUCTION COMPANY

HUMPBACK UNIT #13A-25
SECTION 25, T8S, R17E, S.L.B.&M.



WELL HEAD:
UNGRADED = 5039.9'
FIN. GRADE = 5038.5'

REFERENCE POINTS	
210' SOUTHWEST	= 5040.4'
260' SOUTHWEST	= 5041.0'
170' SOUTHEAST	= 5031.2'
220' SOUTHEAST	= 5026.4'

SURVEYED BY: D.J.S.	SCALE: 1" = 50'
DRAWN BY: J.R.S.	DATE: 11-25-01

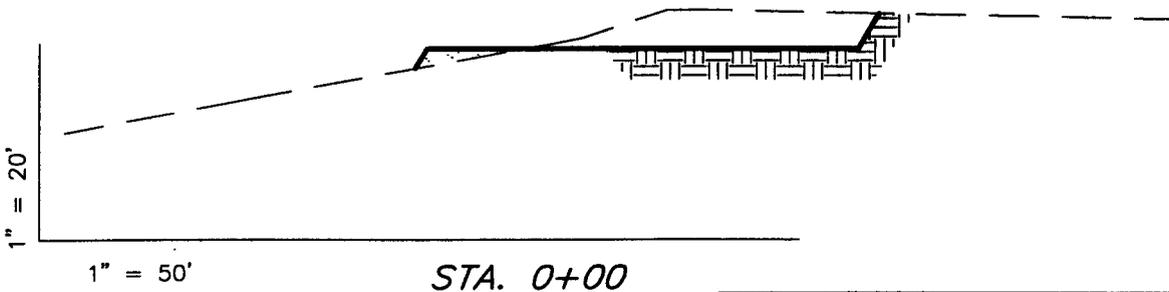
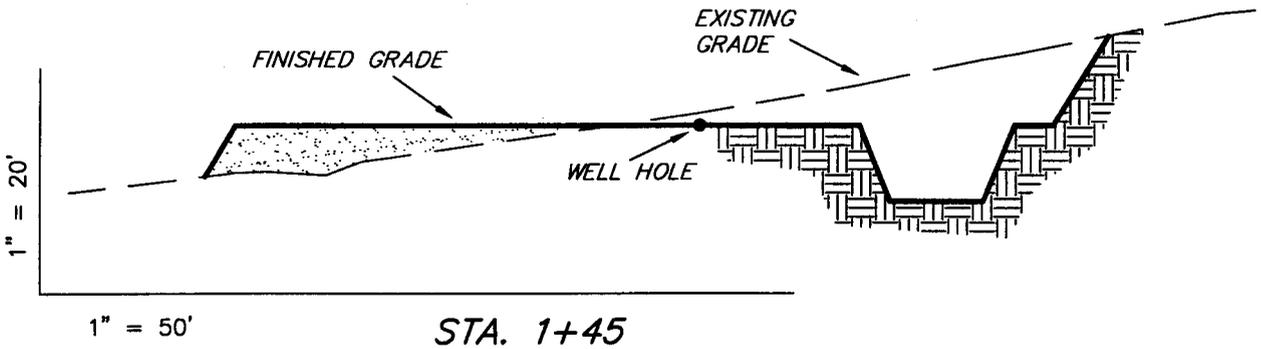
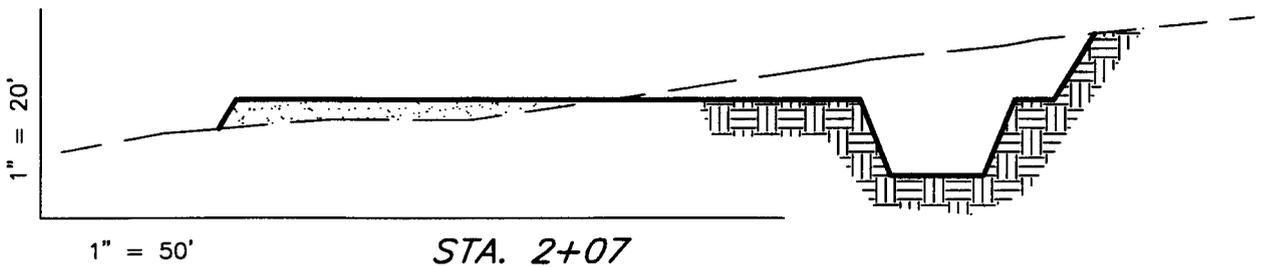
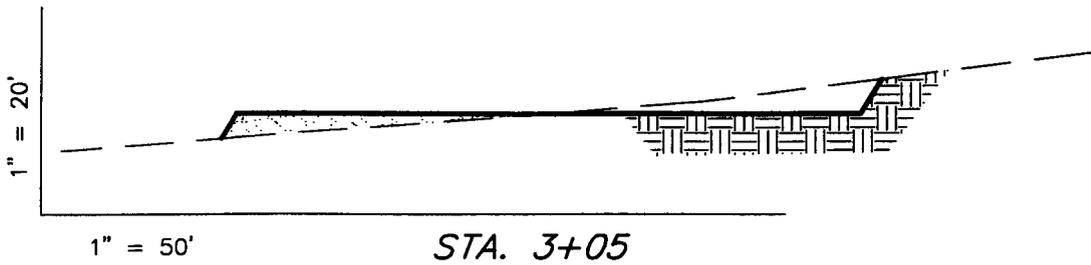
(435) 781-2501

Tri State
Land Surveying, Inc.
38 WEST 100 NORTH VERNAL, UTAH 84078

INLAND PRODUCTION COMPANY

CROSS SECTIONS

HUMPBACK UNIT #13A-25



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

ESTIMATED EARTHWORK QUANTITIES				
(Expressed in Cubic Yards)				
ITEM	CUT	FILL	TOPSOIL	EXCESS
PAD	2,780	2,780	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	3,420	2,780	1,010	640

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

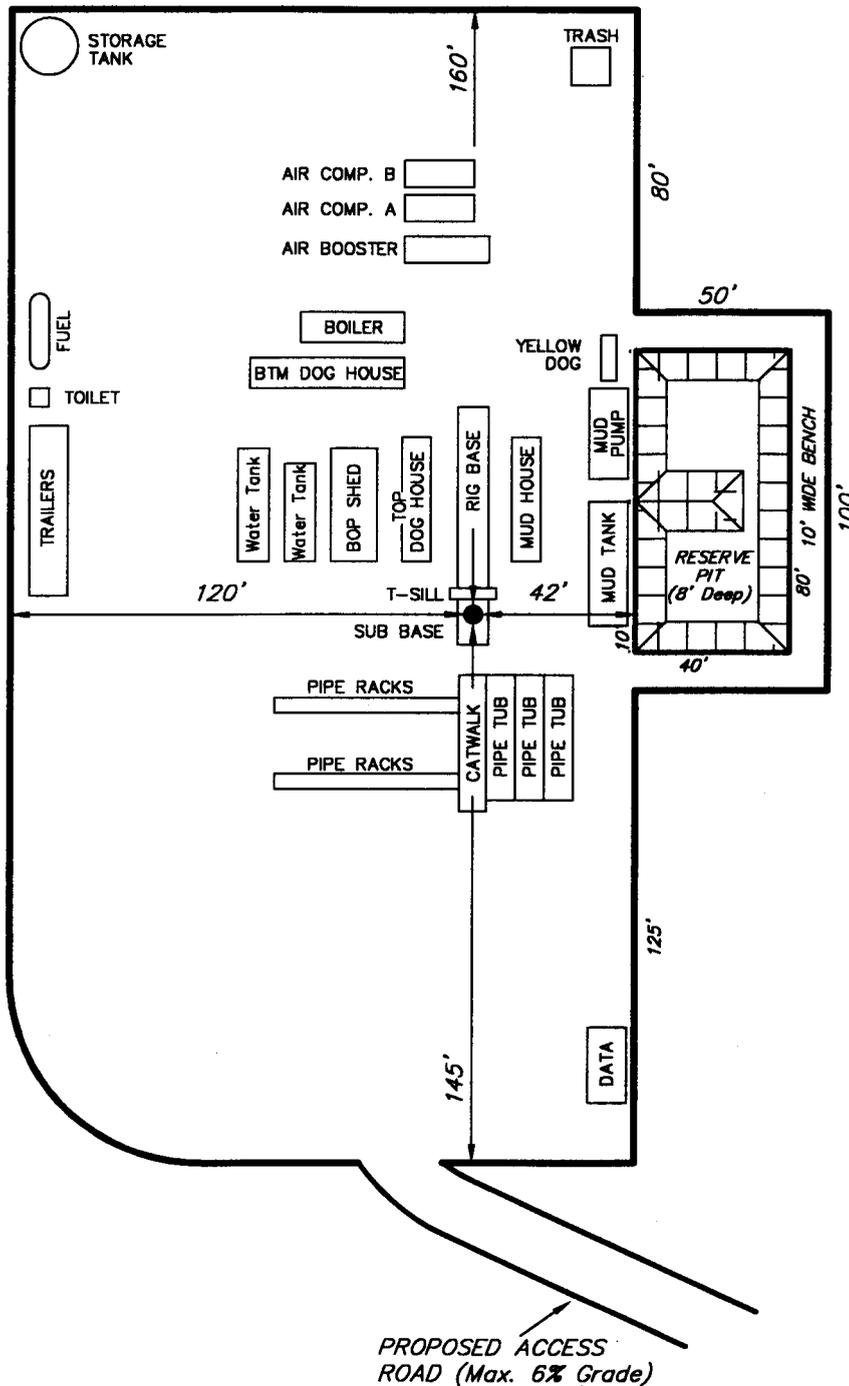
DATE: 11-25-01

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

INLAND PRODUCTION COMPANY

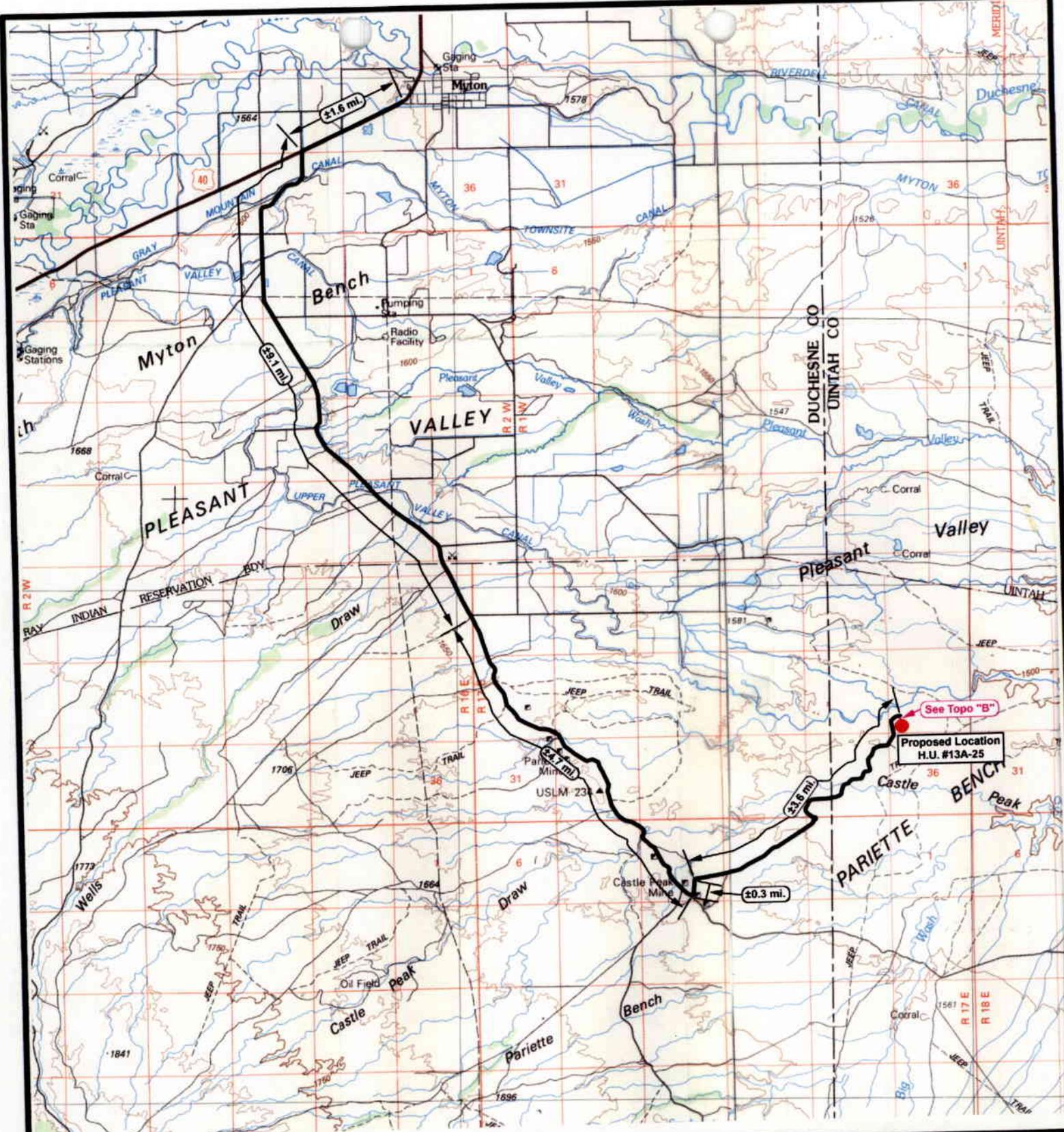
TYPICAL RIG LAYOUT

HUMPBACK UNIT #13A-25



SURVEYED BY: D.J.S.	SCALE: 1" = 50'
DRAWN BY: J.R.S.	DATE: 11-25-01

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



**Humpback Unit #13A-25
SEC. 25, T8S, R17E, S.L.B.&M.**



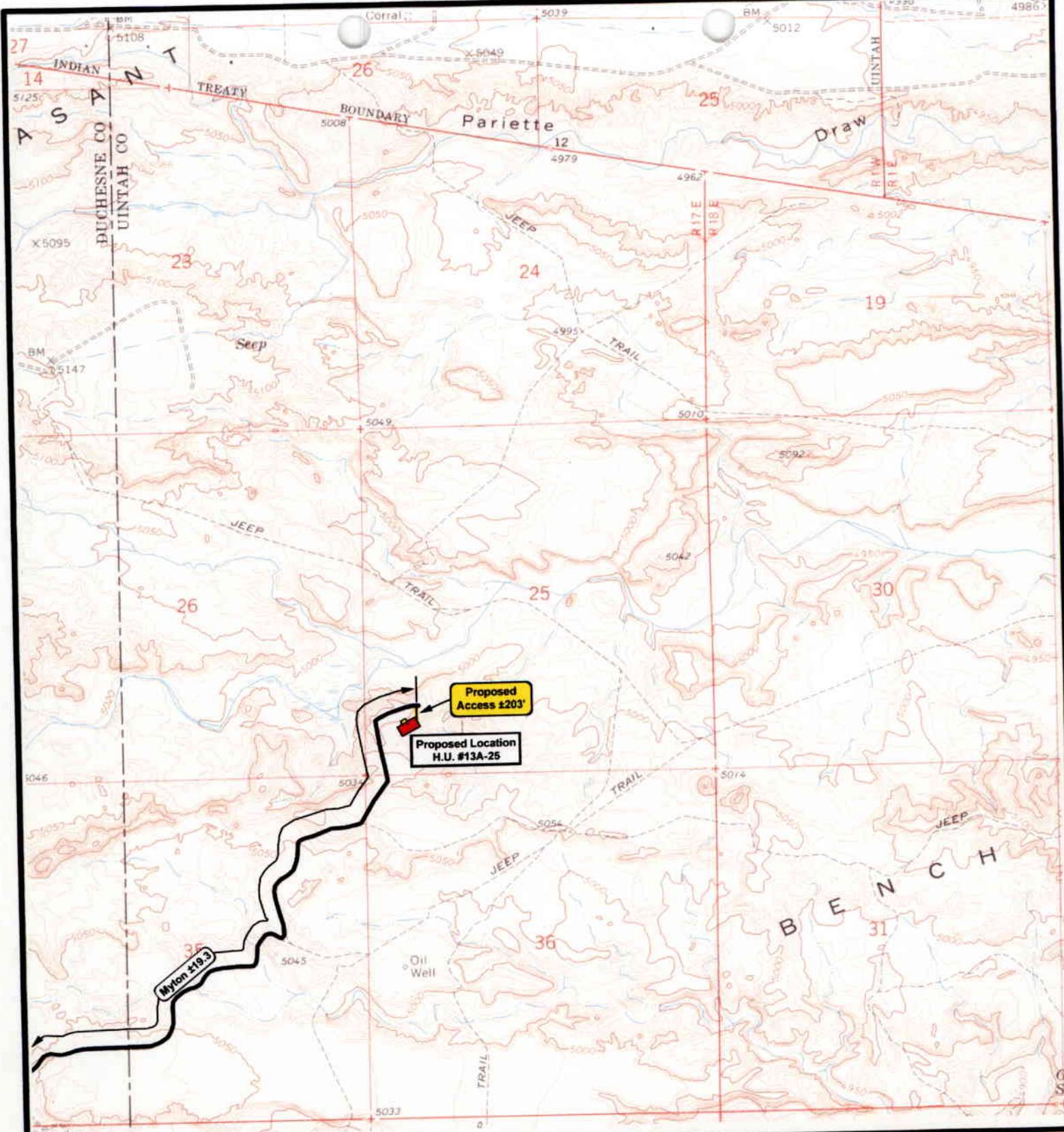
**Tri-State
Land Surveying Inc.**
(435) 781-2501
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 100,000'
DRAWN BY: D.J.
DATE: 11-27-2001

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP
"A"



Proposed Access ±203'

Proposed Location H.U. #13A-25

Myton #19.3



**Humpback Unit #13A-25
SEC. 25, 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: D.J.

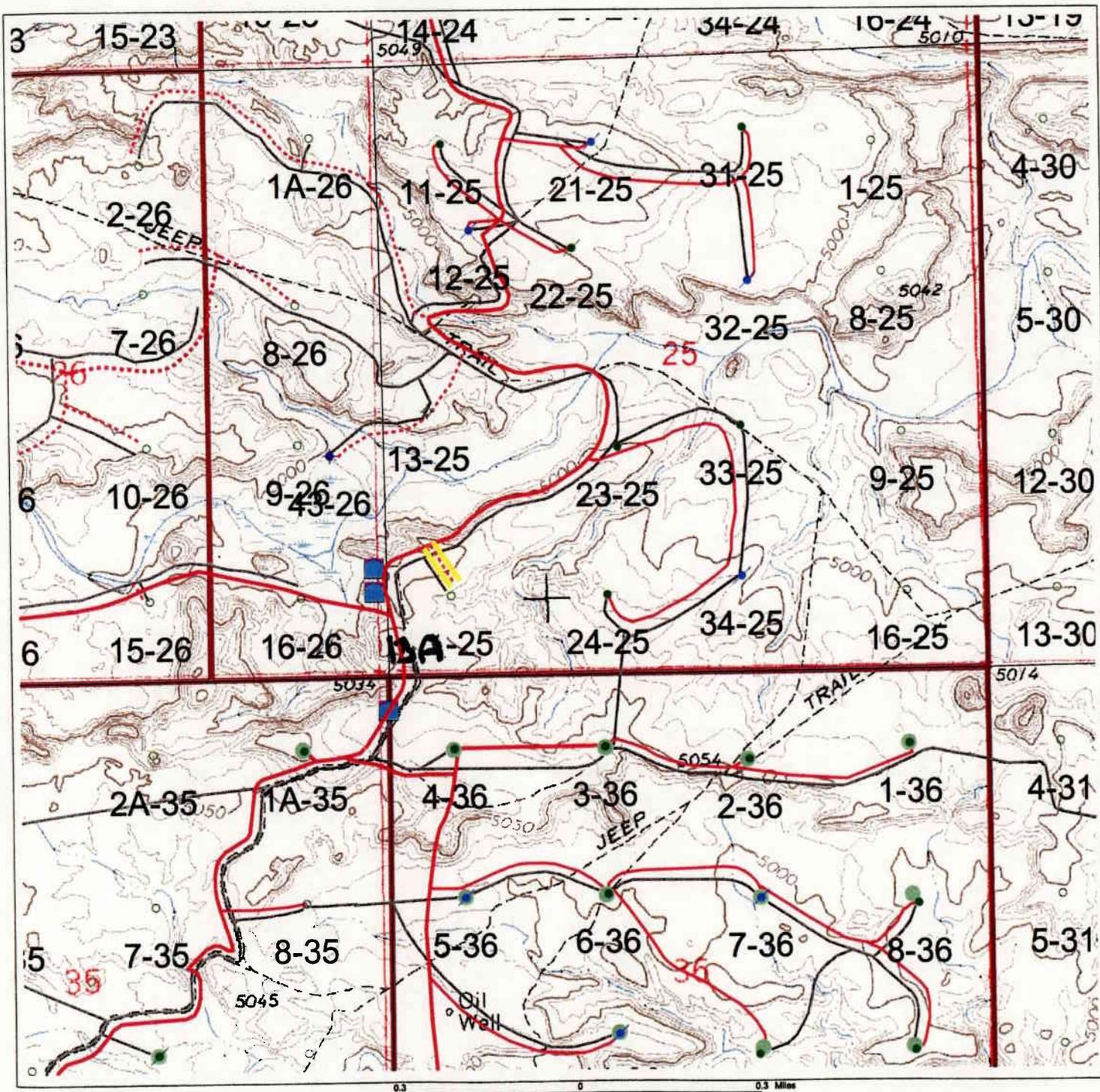
DATE: 11-26-2001

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"B"



- Pending Gasline ROW
- Approved Gasline ROW
- Gas Pipelines
 - 10"
 - 6"
 - ⋯ 6" proposed
 - 4"
 - ⋯ 4" proposed
- Fuel Gas Meters
- Roads (Digitized)
 - Paved
 - Dirt
 - ⋯ Proposed
 - ⋯ Two Track
 - - Private
- Unit Sections
 - ▭ Existing Units
 - ▭ Proposed Units



410 1st Street, Suite 700
 Durango, Colorado 81302
 Phone: (303)-893-0102

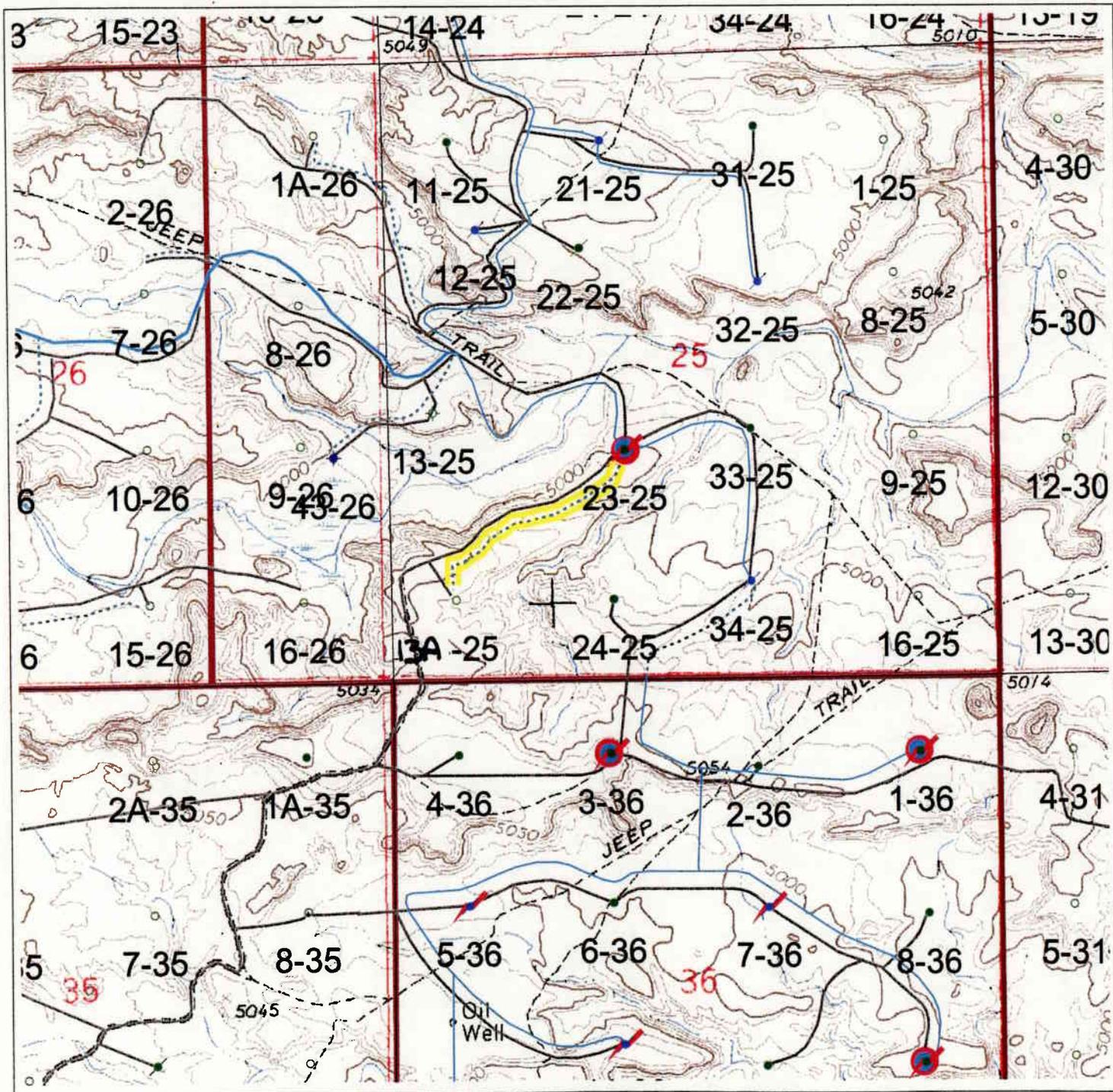
Gas Pipeline Map

UINTA BASIN, UTAH

Duchesne & Uintah Counties, Utah

E.C. Clark

January 11, 2002



- Water Taps
- 2001 Injection Conversion Program
- Pending Waterline ROW
- Approved Waterline ROW
- Water Injection Permit Pending
- Approved Water Injection Permit
- Water 6 Inch
- Water 4 Inch
- Water 4 Inch - High Pressure
- Water 4 Inch Poly
- Water 2 to 3 Inch
- Proposed Water
- Injection Stations
- Pump Stations
- Roads (Digitized)**
- Paved
- Dirt
- Proposed
- Two Track
- Private
- Johnson Water Line
- Unit Sections**
- Existing Units
- Proposed Units





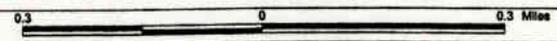
410 17th Street, Suite 200
Denver, Colorado 80202
Phone: (303) 493-0102

Water Pipeline Map

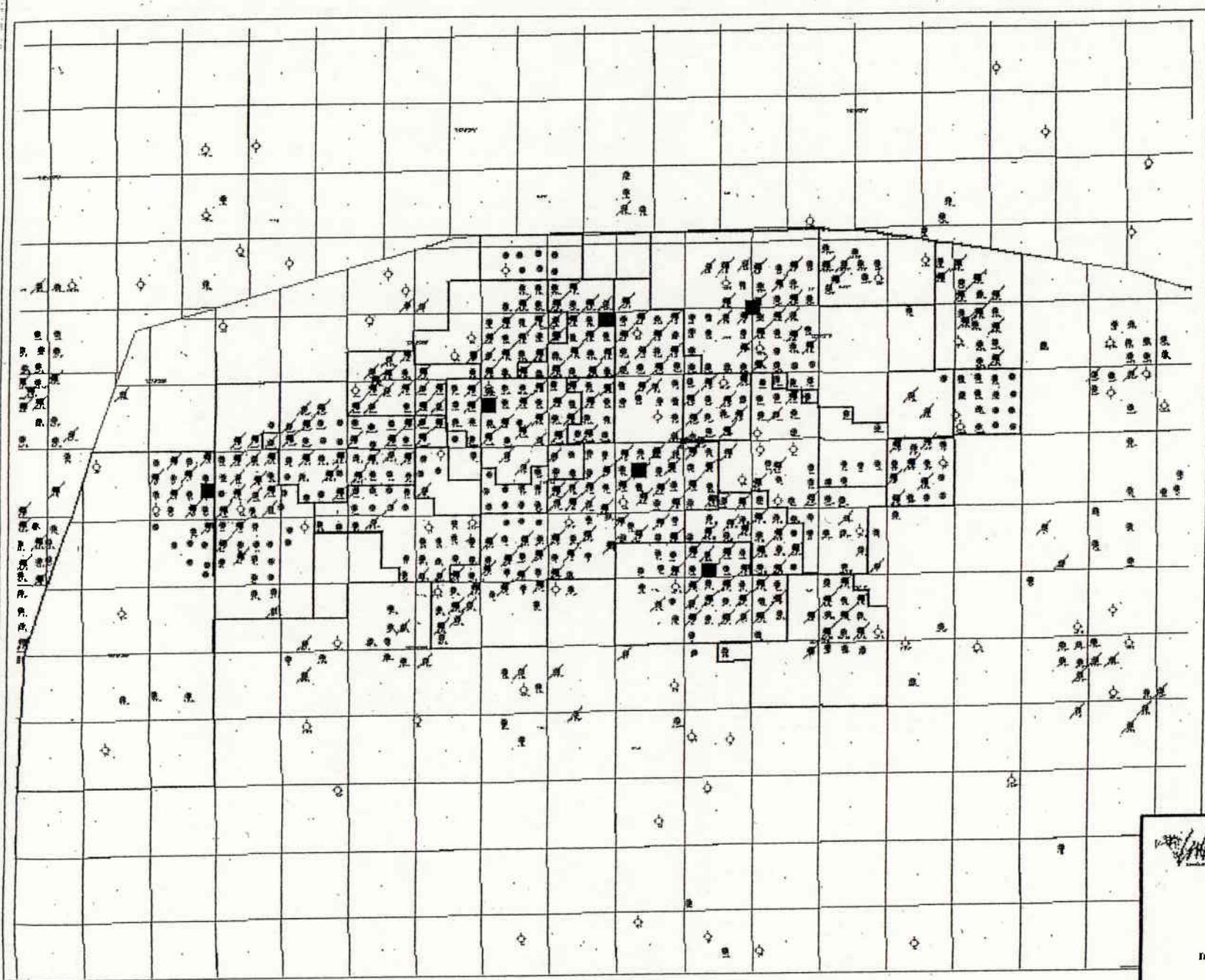
UINTA BASIN, UTAH

Duchesne & Uintah Counties, Utah

D.C. Chaplin



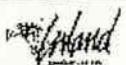
January 11, 2002



- Hacked Back
- Well Categories
- ↘ INJ
- OIL
- ◇ DRY
- ↗ SHUTIN
- Irris



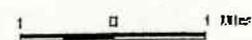
Exhibit "A"

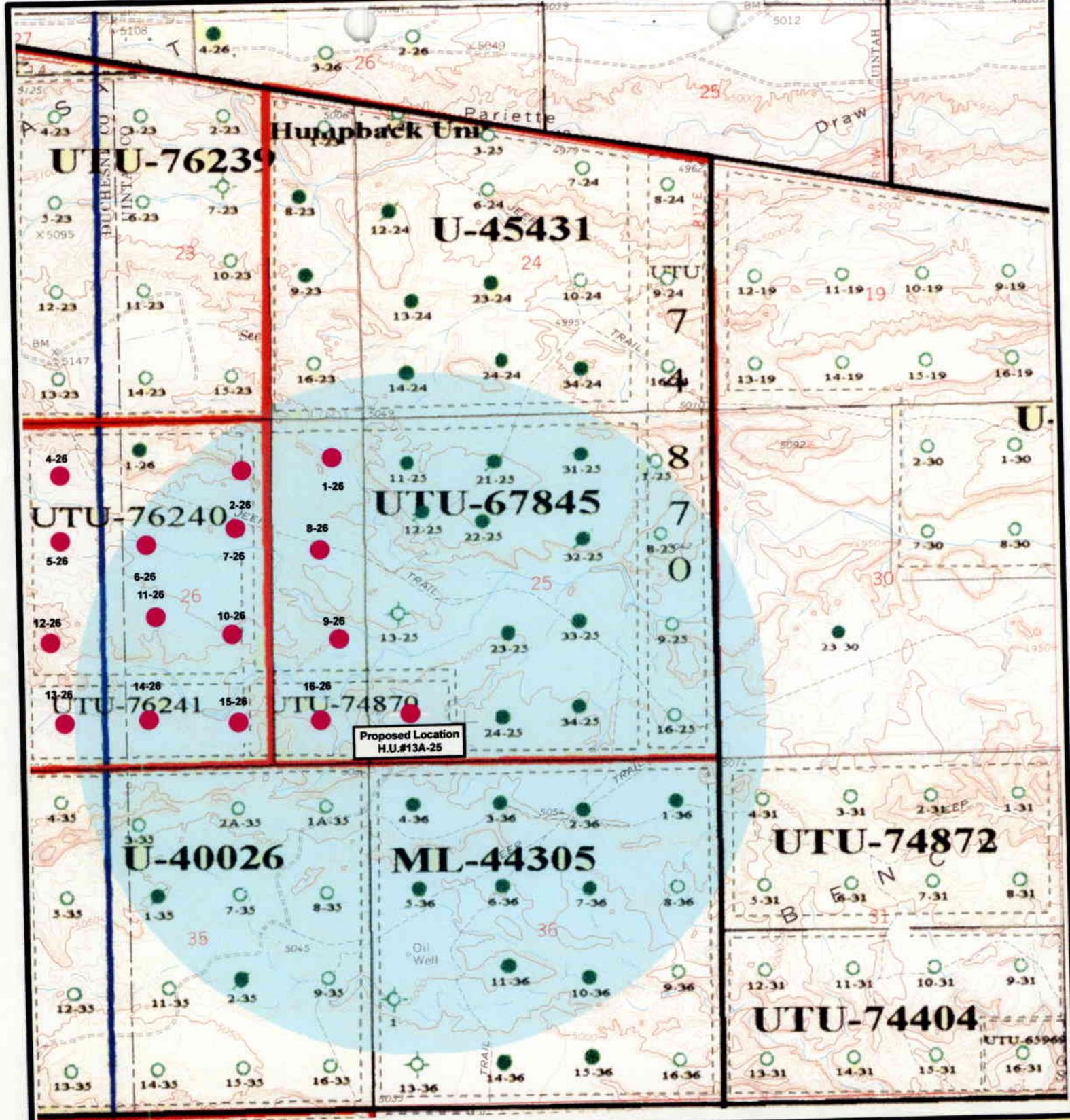


110 17th St., New CO
 Denver, Colorado 80202
 Phone (303) 833-1422

Ulna Basin
 Ulna Basin, L.L.A.H.
 DeWatts & Elmer Counties, CO

Scale 10,000 C. J. O'Neil





Proposed Location
H.U.#13A-25



Humpback Unit #13A-25
SEC. 25, 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: D.J.
DATE: 11-27-2001

Legend

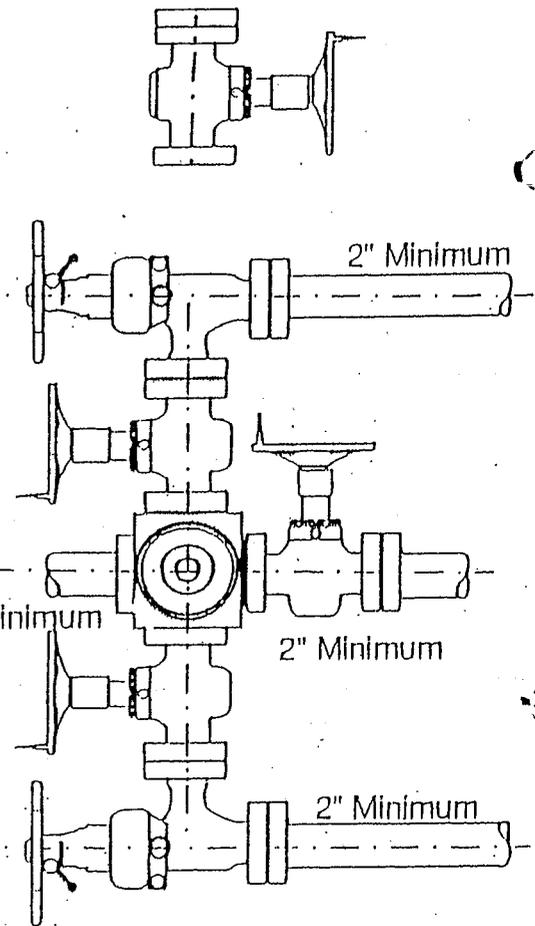
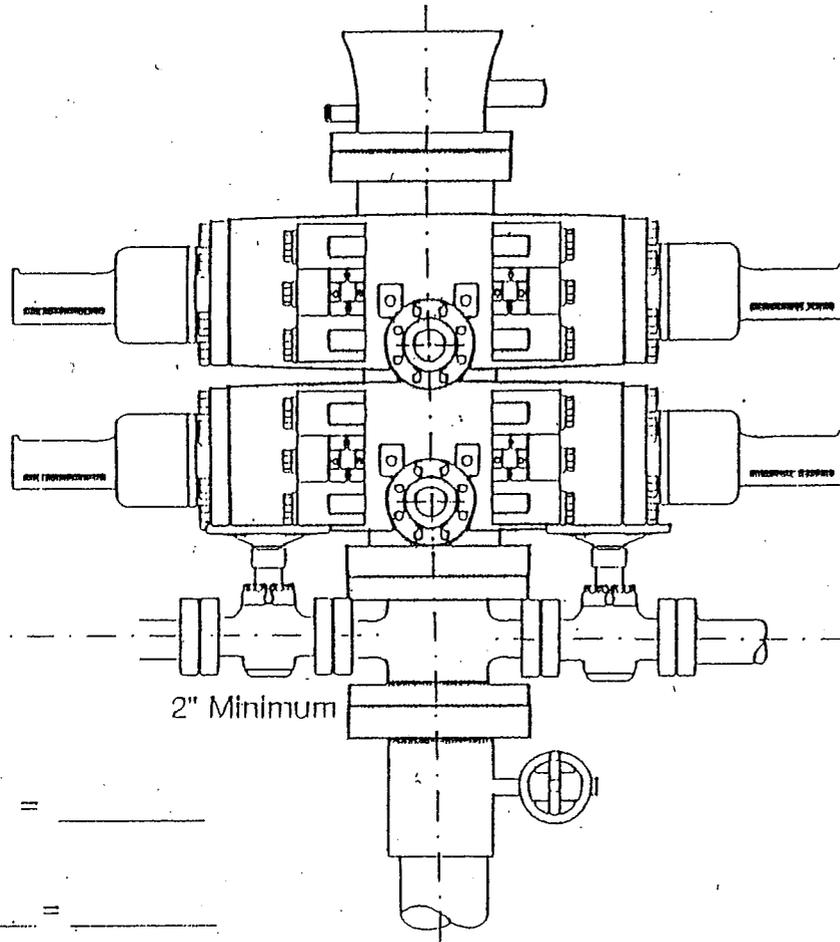
- Proposed Locations
- One Mile Radius

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)

002

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/01/2002

API NO. ASSIGNED: 43-047-34200

WELL NAME: HUMPBACK 13A-25-8-17

OPERATOR: INLAND PRODUCTION (N5160)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWSW 25 080S 170E

SURFACE: 0784 FSL 0632 FWL

BOTTOM: 0784 FSL 0632 FWL

UINTAH

MONUMENT BUTTE (105)

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-74870

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

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

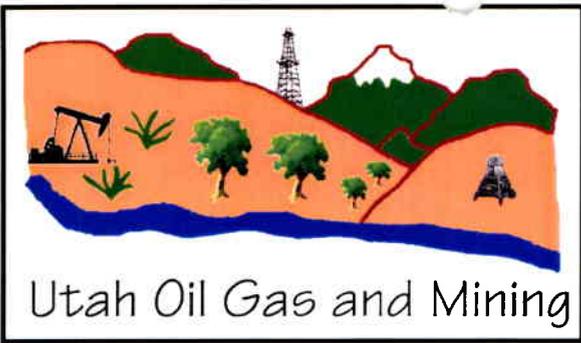
Eff Date: 1-1-97

Siting: *Suspends spacing - not Gen Siting

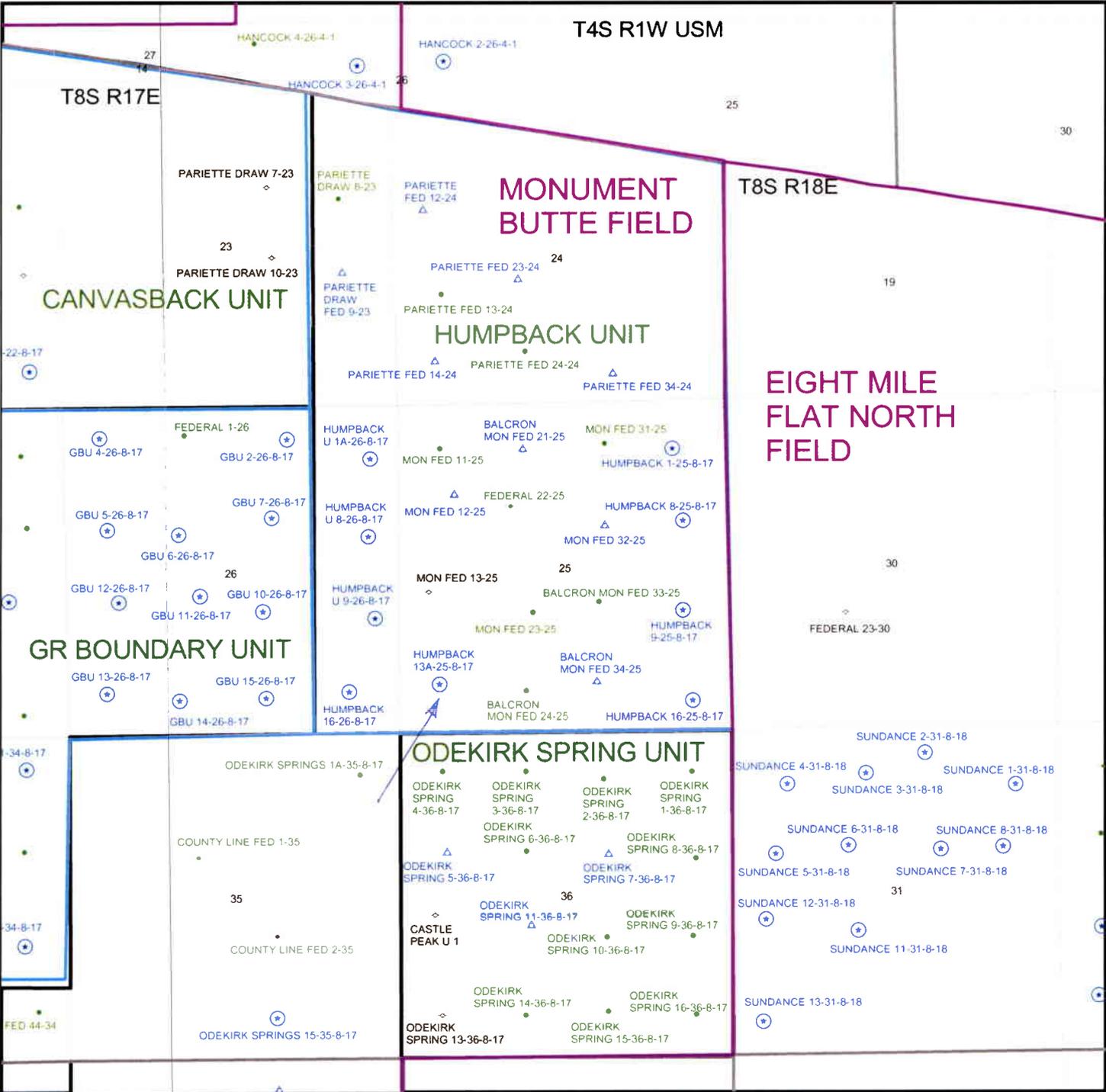
R649-3-11. Directional Drill

COMMENTS: Mon. Butte Field SOP, separate file

STIPULATIONS: 1 - Fed. Approved



OPERATOR: INLAND PROD CO (N5160)
 SEC. 25, T8S, R17E
 FIELD: MONUMENT BUTTE (105)
 COUNTY: UINTAH UNIT: HUMPBACK
 CAUSE NO: 238-1 (1-1-97)



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)

February 13, 2002

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2002 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 well is planned for calendar year 2002 within the Humpback Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ Green River)

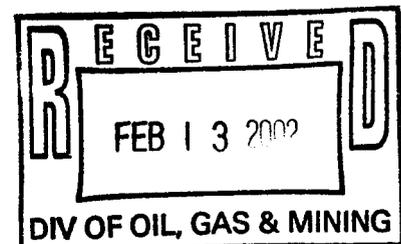
43-047-34200 Humpback 13A-25-B-17 Sec. 25, T8S, R17E 0784 F8L 0632 FWL

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:2-13-02



003



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)

February 14, 2002

Inland Production Company
Route 3 Box 3630
Myton UT 84052

Re: Humpback 13A-25-8-17 Well, 784' FSL, 632' FWL, SW SW, Sec. 25, 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 43-047-34200.

Sincerely,

A handwritten signature in black ink, appearing to read "John R. Baza".

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 13A-25-8-17
API Number: 43-047-34200
Lease: UTU-74870

Location: SW SW **Sec.** 25 **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.

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Humpback 13A-25-8-17

API Number: 43-047-34200

Lease Number: U -74870

Location: SWSW Sec. 25 T. 08S 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.

A. DRILLING PROGRAM

1. Casing Program and Auxiliary Equipment

As a minimum, the usable water resources and other resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Green River Formation, identified at $\pm 1,775$ ft.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

005 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-74870

6. If Indian, Allottee or Tribe Name
NA

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

8. Well Name and No.
HUMPBAC 13A-25-8-17

9. API Well No.
43-047-34200

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)
784 FSL 632 FWL SW/SW Section 25, 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 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

COPY SENT TO OPERATOR
Date: 02-14-03
Initials: CHD

Date: 02-13-03
By: [Signature]

RECEIVED
FEB 04 2003
DIV. OF OIL, GAS & MINING

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

Signed Mandie Crozier Title Permit Clerk Date 2/3/03
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

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.

DIVISION OF OIL, GAS AND MINING**SPUDDING INFORMATION**Name of Company: INLAND PRODUCTION COMPANYWell Name: HUMPBAC 13A-25-8-17Api No: 43-047-34200 Lease Type: FEDERALSection 25 Township 08S Range 17E County UINTAHDrilling Contractor LEON ROSS RIG# 14**SPUDDED:**Date 05/01/03Time 8:00 AMHow DRY**Drilling will commence:** _____Reported by PAT WISENERTelephone # 1-435-823-7468Date 05/01/2003 Signed: CHD

007

PAGE 02

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
					OO	SC	TP	RG	COUNTY		
B	99999	12053	43-047-34200	Humpback #13A-25-B-17	SWISW	25	8S	17E	Utah	May 1, 2003	5/2/03

WELL 1 COMMENTS:

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

WELL 2 COMMENTS:

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

WELL 3 COMMENTS:

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

WELL 4 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					OO	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 well well)
 - C - Re-assign well from one existing entity to another existing entity
 - D - Re-assign well from one existing entity to a new entity
 - E - Other (explain in comments section)

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

RECEIVED
MAY 02 2003

Kebbie S Jones
 Signature
 Kebbie S. Jones
 Production Clerk
 May 2, 2003
 Date

DIV. OF OIL, GAS & MINING

INLAND

4356463031

07:36

05/02/2003

(389)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

008

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-74870
6. If Indian, Allottee or Tribe Name	NA
7. If Unit or CA, Agreement Designation	Humpback
8. Well Name and No.	13a-25-8-17
9. API Well No.	43-047-34200
10. Field and Pool, or Exploratory Area	Monument Butte
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)
784' FSL & 632' FWL SW/SW Sec 25. TWN 8S. R17E

12. CHECK APPROPRIATE BOX(es) 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
	<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.)*

On 5-13-03 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 @ 260'. Drill out cement and shoe. Con't to drill 77/8" hole with fresh water to a depth of 6350'. Lay down drill string. Open hole log. PU & MU Guide shoe, 1 jt 51/2" csg, Float collar & 147jt's J-55 15.5 # 51/2" csgn. Set @ 6339'/KB. Cement with 400* 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 310* 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 1 bbls of cement returned to pit. Set slips with 80,000# tension. Nipple down BOP's. Release rig @ 7:30 am on 5-19-03

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

Signed Pat Wisener Title Drilling Foreman Date 05/19/2003
 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

MAY 21 2003

DIV. OF OIL, GAS & MINING

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6339.42

Flt clr @ 6323'

LAST CASING 8 5/8" SET AT 314.59'

OPERATOR Inland Production Company

DATUM 12' KB

WELL Humpback 13a-25-8-17

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # Eagle # 1

TD DRILLER 6350' LOGGER 6348'

HOLE SIZE 7 7/8"

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		38' @ 4121'					
147	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	6311.17
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	15
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.			FEET	JTS	TOTAL LENGTH OF STRING		6341.42
TOTAL LENGTH OF STRING			6341.42	148	LESS CUT OFF PIECE		14
LESS NON CSG. ITEMS			15.25		PLUS DATUM TO T/CUT OFF CSG		12
PLUS FULL JTS. LEFT OUT			0		CASING SET DEPTH		6339.42
TOTAL			6326.17	148	} COMPARE		
TOTAL CSG. DEL. (W/O THRDS)			6326.17	148			
TIMING			1ST STAGE	2nd STAGE			
BEGIN RUN CSG.			10:00pm		GOOD CIRC THRU JOB <u>YES</u>		
CSG. IN HOLE			2:00am		Bbls CMT CIRC TO SURFACE <u>1 bbls cement</u>		
BEGIN CIRC			2:05am	2:55am	RECIPROCATED PIPE FOR <u>THRUSTROKE</u>		
BEGIN PUMP CMT			3:08am	3:38am	DID BACK PRES. VALVE HOLD ? <u>Yes</u>		
BEGIN DSPL. CMT			4:01am		BUMPED PLUG TO <u>1947</u> PSI		
PLUG DOWN			4:28am				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	310	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	400	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT				SHOW MAKE & SPACING			
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Pat Wisener

DATE 05/18/2003

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

009

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 Well (X in Oil Well)

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)

784 FSL 632 FWL SW/SW Section 25, T8S R17E

5. Lease Designation and Serial No.

UTU-74870

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

HUMPBAC (GR RVR)

8. Well Name and No.

HUMPBAC 13A-25-8-17

9. API Well No.,

43-047-34200

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

UINTAH COUNTY, UT

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

TYPE OF SUBMISSION

Notice of Intent (), Subsequent Report (X), Final Abandonment Notice ()

TYPE OF ACTION

Abandonment (), Recompletion (), Plugging Back (), Casing Repair (), Altering Casing (), Change of Plans (), New Construction (), Non-Routine Fracturing (), Water Shut-Off (), Conversion to Injection (), Dispose Water (), Weekly status report (X)

(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 5/30/03 - 6/06/03

Subject well had completion procedures initiated in the Green River formation on 5/30/03 without the use of a service rig over the well. A cement bond log was run and a total of five Green River intervals were perforated and hydraulically fracture treated w/ 20/40 mesh sand. Perf intervals were #1 (6177-6182'), (6147-6152'), (5995-5999'), (5975-5980'), (5957-5962'), (5860-5867'), (5821-5824'); #2 (5719-5723'), (5667-5670'), (5536-5541'), (5442-5447'); #3 (5248-5253'), (5181-5184'), (5139-5144'), (4944-4956'), (4914-4922'); #4 (4811-4815'), (4748-4752'), (4712-4719'); #5 (4521-4536'), (4490-4494'). 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 6/4/03. Bridge plugs were drilled out and well was cleaned out to PBDT @ 6323'. Zones were swab tested for sand cleanup. A BHA & production tbg string were run in and anchored in well. End of tubing string @ 6207'. A repaired 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 6/6/03.

RECEIVED

JUN 10 2003

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

Signed Martha Hall Title Office Manager Date 6/9/2003

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by Title Date

Conditions of approval, if any:

DIV. OF OIL, GAS & MINING



July 10, 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

H Humpback 13A-25-8-17 (43-047-34200)
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

JUL 15 2003

DIV. OF OIL, GAS & MINING

SUBMIT IN DUPLICATE*

FORM APPROVED

(See other instructions on reverse side)

OMB NO. 1004-0137

Expires: February 28, 1995

010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

1b. TYPE OF WELL

OIL WELL GAS WELL DRY Other _____
 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 784' FSL & 632' FWL (SWSW) Sec. 25, Twp 8S, Rng 17E

At top prod. Interval reported below

At total depth

14. API NO. 43-047-34200 DATE ISSUED 11/18/02
 15. DATE SPUNNED 5/1/03 16. DATE T.D. REACHED 5/18/03 17. DATE COMPL. (Ready to prod.) 6/6/03
 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5040' GL 5052' KB
 12. COUNTY OR PARISH Uintah 13. STATE UT
 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6350' 21. PLUG BACK T.D., MD & TVD 6323' 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 4490'-6182'

26. TYPE ELECTRIC AND OTHER LOGS RUN 5-93-03
 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#	314'	12-1/4"	To surface with 150 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6339'	7-7/8"	310 sx Premlite II and 400 sx 50/50 Poz	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 6207'	TA @ 6110'

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
CP.5,1,3,BS) 5821-24', 5860-67', 5957-62'	.038"	4/136	5821'-6182'	Frac w/ 90,068# 20/40 sand in 669 bbls fluid.
5975-80', 5995-99', 6147-52', 6177-82'	.038"	4/68	5442'-5723'	Frac w/ 61,000# 20/40 sand in 489 bbls fluid.
(LODC/A) 5442-47', 5536-41', 5667-70', 5719-23'	.038"	4/132	4914'-5253'	Frac w/ 83,000# 20/40 sand in 585 bbls fluid.
(DS2,D3,C,B.5) 4914-22', 4944-56'	.038"	4/60	4712'-4815'	Frac w/ 52,000# 20/40 sand in 418 bbls fluid.
5139-44', 5188-84', 5248-53'	.038"	4/76	4490'-4536'	Frac w/ 64,340# 20/40 sand in 499 bbls fluid.
(PB10/X) 4712-19', 4748-52', 4811-15'				
(GB4,6) 4490-94', 4521-36'				

33.* PRODUCTION

DATE FIRST PRODUCTION 6/6/03 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	HOURS TESTED	CHOKE SIZE	PRODN. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 day ave			----->	12	8	105	667

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)
		----->				

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold & Used for Fuel TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED Brian Harris TITLE Engineering Technician DIV. OF OIL, GAS & MINING
 Brian Harris DATE 7/10/2003

RECEIVED
JUL 15 2003

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

BDH

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	TRUE
				MEAS. DEPTH	VERT. DEPTH
			Well Name Humpback 13A-25-8-17	4021' 4314' 4576' 4803' 4840' 4975' 5220' 5370' 5806' 6222' 6350'	
				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)	

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-74870

6. If Indian, Allottee or Tribe Name
NA

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well
 Gas Well
 Other

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

8. Well Name and No.
HUMPBACK 13A-25-8-17

2. Name of Operator
INLAND PRODUCTION COMPANY

9. API Well No.
43-047-34200

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

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
784 FSL 632 FWL SW/SW Section 25, T8S R17E

11. County or Parish, State
UINTAH COUNTY, UT

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 type="checkbox"/> Other <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 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

RECEIVED
NOV 21 2003
DIV. OF OIL, GAS & MINING

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

Signed

Mandie Crozier
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

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.

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

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

011

SUNDRY NOTICES AND REPORTS ON WELLS

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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)
784 FSL 632 FWL SW/SW Section 25, T8S R17E

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

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(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.)*

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

**RECEIVED
NOV 21 2003
DIV. OF OIL, GAS & MINING**

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

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

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number
Location of Well		Field or Unit Name See Attached List
Footage :	County :	Lease Designation and Number
QQ, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: <u>Inland Production Company</u>	Name: <u>Brian Harris</u>
Address: <u>1401 17th Street Suite 1000</u>	Signature: <u><i>Brian Harris</i></u>
city <u>Denver</u> state <u>Co</u> zip <u>80202</u>	Title: <u>Engineering Tech.</u>
Phone: <u>(303) 893-0102</u>	Date: <u>9/15/2004</u>
Comments:	

NEW OPERATOR

Company: <u>Newfield Production Company</u>	Name: <u>Brian Harris</u>
Address: <u>1401 17th Street Suite 1000</u>	Signature: <u><i>Brian Harris</i></u>
city <u>Denver</u> state <u>Co</u> zip <u>80202</u>	Title: <u>Engineering Tech.</u>
Phone: _____	Date: <u>9/15/2004</u>
Comments:	

(This space for State use only)

Transfer approved by: *A. Hunt* Approval Date: 9-20-04
Title: Perk. Services Manager

Comments: Note: Indian Country wells will require EPA approval.

RECEIVED
SEP 20 2004
DIV. OF OIL, GAS & MINING

RC
4/4/05
012



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>

SEP 20 2004

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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

Mr. David Gerbig
Operations Engineer
Inland Production Co.
1401 Seventeenth Street - Suite 1000
Denver, CO 80202

RE: ADDITIONAL WELL TO HUMPBACK
AREA PERMIT UT20852-00000
Humpback No. 13A-25-8-17
Well ID: 20852-06287
SW SW Sec. 25 - T8S - 17E
Uintah County, Utah

Dear Mr. Gerbig:

The Inland Production Co.(Inland) request to convert a former Green River Formation oil well, the Humpback No. 13A-25-8-17 to an enhanced recovery injection well in the Humpback Area Permit is hereby authorized. The proposed Humpback No. 13A-25-8-17 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. 13A-25-8-17.

Prior to beginning injection, the Environmental Protection Agency (EPA) requires that Inland 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)**.



Because the cement bond log submitted for this well did not show an adequate interval of annulus cement through the confining zone, the operator shall be required to demonstrate Part II (External) MIT within a 180-day Limited Authorization To Inject. This demonstration may be made by a Temperature Survey, Noise Log, or Oxygen Activation Log, and Region 8 may accept results from a Radioactive Tracer Survey under certain circumstances. A limited period of authorization to inject is for the purpose of stabilizing the injection zone prior to this demonstration.

Copies of Guidance ~~37~~ (Demonstrating Part II External Mechanical Integrity), and a Region 8 Guideline for Conducting a Temperature survey are enclosed.

Pursuant to Part II, Section C, Condition No. 5, (Injection Pressure Limitation), Humpback Area Permit UT20852-00000, the maximum initial surface injection pressure (MIP) shall not exceed 1030 psig. Using the average fracture gradient calculated from four (4) Sec. 25 - T8S - R17E Step-Rate Tests (SRT), and the shallowest perforation, the EPA has calculated an MIP of 1029.7 psig, **rounded up to 1030 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.

Please be aware that Inland does not have authorization to begin injection into the Humpback No. 13A-25-8-17 until the Prior to Commencing Injection requirements, listed above, have been submitted and evaluated by the EPA, and Inland has received written authorization to begin injection from the Assistant Regional Administrator, or the Assistant Regional Administrator's authorized representative.

If Inland 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,

Junice Wang

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

enclosures: EPA Form No. 7520-12 (Well Rework Record)
Authorization For Conversion of An Additional Well
Guidance No. 37: Mechanical Integrity (External)
Temperature Survey Guidance

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

Mike Guinn
Vice President - Operations
Inland Production Company

Gil Hunt
Technical Services Manager
State of Utah - Natural Resources

Ed Forsman
Sr. Petroleum Engineer
Bureau of Land Management
Vernal District



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**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 13A-25-8-17

WELL PERMIT NUMBER: UT20852-06287

SURFACE LOCATION: 784' FSL & 632' FWL (SW SW)
Sec. 25 - 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. 13A-25-8-17 occurs within the Uinta Formation **approximately 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 **315 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. 13A-25-8-17 are two (2) Bureau of Land Management sites which were unapproved (U) by the State of Utah for irrigation for a wildlife habitat.

The Utah Division of Water Rights advises that they have no objection to the proposed Inland Production Company proposed enhanced recovery injection well, Humpback No. 13A-25-8-17, in the SW/4 Section 25-T8S-R17E. Section 25 does contain springs, the source of which is less than 315 feet, i.e., the base of the surface casing which was cemented to surface. Pariette Draw contains an intermittent stream which flows only after spring runoff and rain.



WATER ANALYSES:

Produced Green River Formation Water: (10/27/03) **47,981 mg/l TDS.**

Source Water: Johnson Water District Reservoir. (10/14/02) **554 mg/l TDS.**

Blended Injectate: (11/21/03) **24,934 mg/l TDS.**

CONFINING ZONE REVIEW: HUMPBAC NO. 13A-25-8-17.

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, in the Humpback No. 13A-25-8-17, are thirty-nine (39) feet (3979 feet to 4018 feet) of Green River Formation black, slightly silty, impervious shale which forms an effective lithologic confining zone.

An EPA analysis of the Humpback No. 13A-25-8-17 CBL/GR did not identify any 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). The permittee will be required to demonstrate Part II External Mechanical Integrity (MI) within a 180-day period of limited authorization to inject. Part II External MI may be demonstrated using a Temperature Log, Noise Log, or Oxygen Activation Log. Region 8 may accept the results of a Radioactive Tracer Survey (RATS) under certain circumstances ((See the enclosed GROUND WATER SECTION GUIDANCE NO. 37, Demonstrating Part II (External) Mechanical Integrity for a Class II Injection Well Permit)).

INJECTION ZONE REVIEW: Humpback No. 13A-25-8-17.

The Humpback Final 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. 1 (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 throughout the Humpback Area Permit. The gross injection interval would be limited from a Garden Gulch Member top of 4160 feet kelly bushing (KB) to the top of the Wasatch Formation at 6014 feet (KB), **as identified in the Federal No. 1-26 (NE NW Sec. 26-T8S-R17E. UT20702-04671. Duchesne County, Utah) TYPE LOG.**

The gross correlative Green River Formation enhanced injection recovery interval for the Humpback No. 13A-25-8-17 is from the Garden Gulch top of **4018 feet to the top of the Wasatch Formation (Estimated to be 6345 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. 13A-25-8-17.

SURFACE CASING: 8-5/8 inch casing is set at 315 feet in a 12-1/4 inch hole, using 150 sacks of Class "G" cement circulated to the surface. The base of the USDW is approximately 50 feet from ground level.

LONGSTRING CASING: 5-1/2 inch casing is set at 6339 feet ground level (GL) in a 7-7/8 inch hole, and cemented with 310 sacks of Premium Lite II mixed with 50/50 Pozmix.

The operator identifies the top of cement at 300.

The EPA analysis of the CBL/GR shows the shallowest interval of 80% cement bond index is from 4414 feet to 4444 feet in the Garden Gulch Member.

PART II. A. CONSTRUCTION REQUIREMENTS FOR ADDITIONAL WELLS

Tubing and Packer:

(Condition 3)

For injection purposes, the **Humpback No. 13A-25-8-17** will 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, i.e., 4490 feet..

Formation Testing and Logging

(Condition 6)

- (a) Upon conversion of the **Humpback No. 13A-25-8-17**, 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. 13A-25-8-17** within 180 days after injection operations are initiated. The results shall be submitted to the EPA. The permittee will contact the EPA prior to conducting the SRT to acquire the most current Guidance for conducting the SRT.

Five (5) **sand/frac treatments** were run on the Humpback No. 13A-25-8-17; the minimum fracture gradient value was 0.70 psi/ft.

An EPA review of four (4) fracture gradients, Section 25 - T8S - R17E, derived from **Step-Rate Tests (SRT)** vis-a-vis sand/frac derived fracture gradients indicates that sand/frac fracture gradients run higher than the SRT values. Therefore, Inland is being required to run an SRT within 180 days following commencement of injection.

The EPA will calculate an initial maximum surface injection pressure based upon an average of the four (4) SRT fracture gradient values in Section 25-T8S-17E, i.e., **0.6645 psi/ft** , not on the 0.70 sand/frac minimum fracture gradient.

PART II. B.

Corrective Action

As of September 2004, there are two (2) active Green River oil wells, one (1) staked Green River Formation location, and one drilled and abandoned Green River Formation test within or proximate to the one-quarter (1/4) mile radius around the Humpback No. 13A-25-8-17. No wells need Corrective Action.

Garden Gulch-Douglas Creek Members Oil Wells:

Odekirk Spring No. 4-36-8-17:

NW NW Sec. 36 -T8S-R17E

Top Garden Gulch Member:	4022 feet
Garden Gulch Confining Zone:	3981 feet to 4022 feet
Top 80% EPA Cement Bond:	4024 feet to 4080 feet
Top Douglas Creek Member:	5014 feet

The 41-foot confining shale (3981 feet to 4022 feet) overlying the top of the Garden Gulch Member (4022 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. 13A-25-8-17 Permit.** The Humpback No. 13A-25-8-17 will suspend operations immediately, and will stay suspended until the noncompliance has been resolved, and renewed injection has been approved in writing by the Director.

Balcron Monument Federal No. 24-25:

SE SW Sec. 25-T8S-R17E

Top Garden Gulch Member: 3998 feet
 Garden Gulch Confining Zone: 3964 feet to 3998 feet
 Top 80% EPA Cement Bond: 4638 feet to 4676 feet
 Top Douglas Creek Member: 4986 feet

The 34-foot confining shale (3964 feet to 3998 feet) overlying the top of the Garden Gulch Member (3998 feet) is not protected by 80% bond index cement bond. This lack of confining zone annulus cement may not prevent the 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. 13A-25-8-17 Permit.** The Humpback No. 13A-25-8-17 will suspend operations immediately, and will stay suspended until the noncompliance has been resolved and renewed injection has been approved in writing by the Director.

Staked Location:

No. 16-26-8-17

SE SE Sec. 26 - T8S - R17E

Drilled and Abandoned:**Balcron Monument Federal No. 13-25-8-17**

NW SW Sec. 25 - T8S - R17E

Total Depth: 6200 feet

Total Depth Formation: Green River

Plugging and Abandonment procedure approved by the Bureau of Land Management:
 March 22, 1996

PART II. C.**Prior to Commencing Injection (Additional Wells)**

(Condition 2)

Humpback No. 13A-25-8-17: 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).

Confirmation that the injectate will be confined to the authorized injection zone: It has not been determined that the annulus cement in this well provides an effective barrier to significant upward movement of fluids through vertical channels adjacent to the wellbore (Part II MI), pursuant to 40 CFR 146.8 (a) (2). Within a 180-day LIMITED AUTHORIZATION TO INJECT PERIOD, the permittee shall demonstrate Part II MI. Part II MI may be demonstrated by using methods as described in the enclosed GROUND WATER SECTION GUIDANCE NO. 37: Demonstrating Part II (External Mechanical Integrity for a Class II Injection Well Permit).

The 180-day period of Limited Authorization To Inject shall begin on that date in which injection for enhanced recovery commences. THE PERMITEE SHALL ADVISE THE EPA AS SOON AS POSSIBLE OF THE DATE THAT ENHANCED RECOVERY INJECTION BEGAN.

Please be advised that all tests will be conducted following current EPA Guidelines. Deviations from those Guidelines, without written approval of the Director, may result in denial of the survey/test.

Injection Interval

(Condition 3)

Injection shall be limited to the **gross Garden Gulch, Douglas Creek and Basal Carbonate Members of the Green River Formation, 4018 feet (KB) to the top of the Wasatch Formation, estimated to be 6345 feet.**

Injection Pressure Limitation

(Condition 4)

Pursuant to Final Area Permit UT20852-00000, Part II. Section C. 5. (b). the maximum surface injection pressure (MIP) shall not exceed 1752 psig. Until such time that a step-rate injectivity test (SRT) has been performed, reviewed, and approved by the EPA, the initial maximum surface injection pressure (MIP) for the **Humpback No. 13A-25-8-17** shall not exceed **1030 psig.**

$$\text{MIP} = [\text{FG} - (0.433)(\text{SG}) \text{ D}]$$

four
 FG = 0.6645 psi/ft. Average value of four (4) SRTs in Sec. 25
 SG = 1.005
 D = 4490 feet. Top perforation.

$$\text{MIP} = [0.6645 - (0.433)(1.005) 4490]$$

$$\text{MIP} = 1029.7 \text{ psig but increased to } \underline{1030 \text{ psig.}}$$

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 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 modified (Plug No. 7) 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 4395 feet. Set a 100-foot cement plug on top of the 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 cement plug, on the inside of the 5-1/2 inch casing, from the surface to 365 feet.

PLUG NO. 4: Set a cement plug, on the backside of the 5-1/2 inch casing, from surface to a depth of 354 feet.

This authorization for well conversion of the Humpback No. 13A-25-8-17 injection well becomes effective upon signature.

Date: 9/16/04

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

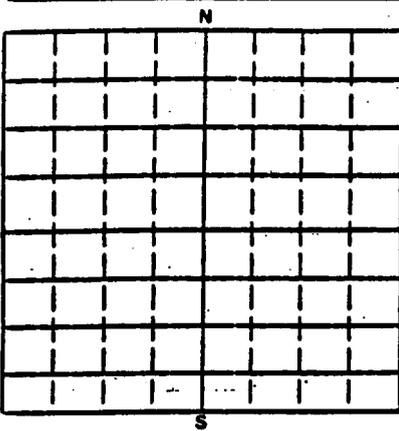


WELL REWORK RECORD

NAME AND ADDRESS OF PERMITTEE

NAME AND ADDRESS OF CONTRACTOR

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT - 640 ACRES



STATE

COUNTY

PERMIT NUMBER

SURFACE LOCATION DESCRIPTION

1/4 of 1/4 of 1/4 of 1/4 of Section Township Range

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface Location ____ ft. from (N/S) ____ Line of quarter section
and ____ ft. from (E/W) ____ Line of quarter section

WELL ACTIVITY

- Brine Disposal
- Enhanced Recovery
- Hydrocarbon Storage

Lease Name

Total Depth Before Rework

Total Depth After Rework

Date Rework Commenced

Date Rework Completed

TYPE OF PERMIT

- Individual
- Area
- Number of Wells ____

Well Number

WELL CASING RECORD - BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

WELL CASING RECORD - AFTER REWORK (Indicate Additions and Changes Only)

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

DESCRIBE REWORK OPERATIONS IN DETAIL
USE ADDITIONAL SHEETS IF NECESSARY

WIRE LINE LOGS, LIST EACH TYPE

Log Types

Logged Intervals

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).

NAME AND OFFICIAL TITLE (Please type or print)

SIGNATURE

DATE SIGNED



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

999 18th STREET - SUITE 300
DENVER, COLORADO 80202-2466

SUBJECT: GROUND WATER SECTION GUIDANCE NO. 37
Demonstrating Part II (external) Mechanical Integrity
for a Class II injection well permit.

FROM: Tom Pike, Chief
UIC Direct Implementation Section

TO: All Section Staff
Montana Operations Office

During the review for a Class II injection well permit, consideration must be given to the mechanical integrity (MI) of the well. MI demonstrates that the well is in sound condition and that the well is constructed in a manner that prevents injected fluids from entering any formation other than the authorized injection formation.

A demonstration of MI is a two part process:

PART I - INTERNAL MECHANICAL INTEGRITY is an assurance that there are no significant leaks in the casing/tubing/packer system.

PART II - EXTERNAL MECHANICAL INTEGRITY demonstrates that after fluid is injected into the formation, the injected fluids will not migrate out of the authorized injection interval through vertical channels adjacent to the wellbore.

A Class II injection well may demonstrate Part II MI by showing that injected fluids remain within the authorized injection interval. This may be accomplished as follows:

- 1) Cement bond log showing 80% bond through the an appropriate interval (Section Guidance 34),
- 2) Radioactive tracer survey conducted according to a EPA-approved procedure, or
- 3) Temperature survey conducted according to a EPA-approved procedure (Section Guidance 38).

For each test option above, the operator of the injection well should submit a plan for conducting the test. The plan will then be approved (or modified and approved) by EPA. EPA's pre-approval of the testing method will assure the operator that the

test is conducted consistent with current EPA guidance, and that the test will provide meaningful results.

Part II MI may be demonstrated either before or after issuing the Final Permit. However, if Part II is to be demonstrated after the Final Permit is issued, a provision in the permit will require the demonstration of Part II MI. The well will also be required to pass Part II MI prior to granting authorization to inject.

Radioactive tracer surveys and temperature surveys require that the well be allowed to inject fluids as part of the procedure. In these cases, a well that has shown no other demonstration of Part II MI will be allowed to inject only that volume of fluid that is necessary to conduct the appropriate test.

After the results of the test proves that the well has passed Part II MI, the well will be given authorization to begin full injection operations.

If any of the tests show a lack of Part II MI, the well will be repaired and retested, or plugged (See Headquarters Guidance #76).

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: ____/____/____
 Test conducted by: _____
 Others present: _____

Well Name: _____	Type: ER SWD	Status: AC TA UC
Field: _____		
Location: _____	Sec: _____ T _____ N/S R _____ E/W	County: _____ State: _____
Operator: _____		
Last MIT: ____/____/____	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: _____ psig

MITDATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	psig	psig	psig
End of test pressure	psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	psig	psig	psig
5 minutes	psig	psig	psig
10 minutes	psig	psig	psig
15 minutes	psig	psig	psig
20 minutes	psig	psig	psig
25 minutes	psig	psig	psig
30 minutes	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 ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

999 18th STREET - SUITE 500
DENVER, COLORADO 80202-2466

TEMPERATURE LOGGING FOR MECHANICAL INTEGRITY

January 12, 1999

PURPOSE:

The purpose of this document is to provide a guideline for the acquisition of temperature surveys, a procedure that may be used to determine the internal mechanical integrity of tubing and casing in an injection well. A temperature survey may be used to verify confinement of injected fluids within the injection formation.

LOGGING PROCEDURE

Run the temperature survey while going into the hole, with the temperature sensor located as close to the bottom of the tool as possible. The tool need not be centralized.

Record temperatures a 1-5 °F per inch, on a 5 inches per 100 feet log scale.

Logging speed should be within 20 - 30 feet per minute.

Run the log from ground level to total depth (or plug-back depth) of the well.

When using digital logging equipment, use the highest digital sampling rate as possible. Filtering should be kept to a minimum so that small scale results are obtained and preserved.

Record the first log trace while injecting at up to the maximum allowed injection pressure. Subsequent to the temperature survey, the maximum injection pressure will be limited to the pressure used during the survey.

LOG TRACES

Log the first log trace while the well is actively injecting, and record traces for gamma ray, temperature, and differential temperature.

Shut-in (not injecting) temperature curves should be recorded at intervals depending on the length of time that the injection well has been active. Preferred time intervals are shown in the following table:

Table with 6 columns: Active Injection, and Record Curves at These Times (In Hours) with sub-columns for 1, 3, 6, 12, and 186-192 hours. Rows include 1 month, 6 months, 1 year, 5 years, and 10 years or more.

Humpback 13A-25-8-17

Spud Date: 5/01/03
 Put on Production: 6/6/03
 GL: 5040' KB: 5052'

Initial Production: 12 BOPD,
 8 MCFD, 105 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55 *USDW* *< 50'*
 WEIGHT: 24#
 LENGTH: 7 jts. (304.59')
 DEPTH LANDED: 314.59' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Class "G" cmt mixed, est 3 bbls cmt to surf.

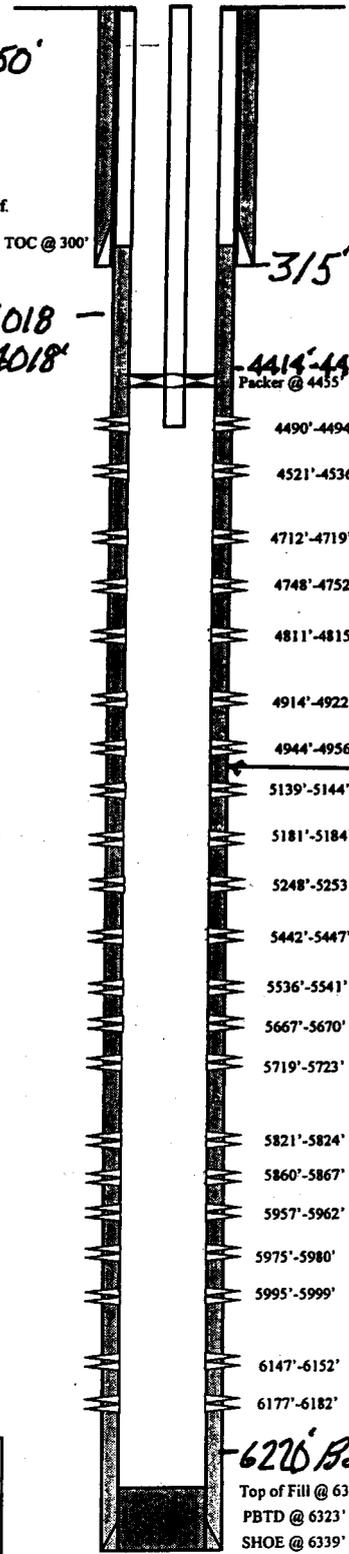
PRODUCTION CASING

Confining Zone 3979-4018
Garden Gulch 4018'
 CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 148 jts. (6341.42')
 DEPTH LANDED: 6339.42' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 310 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mixed.
 CEMENT TOP AT: 300'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 196 jts (6126.77')
 TUBING ANCHOR: 6126.77' KB
 NO. OF JOINTS: 1 jts (31.30')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 6160.83' KB
 NO. OF JOINTS: 2 jts (61.65')
 TOTAL STRING LENGTH: EOT @ 6224.03' w/12' KB

Proposed Injection Wellbore Diagram



FRAC JOB

6/2/03 5821'-6182' Frac CF and BS sands as follows:
 90,068# 20/40 sand in 669 bbls Viking I-25 fluid. Treated @ avg press of 1382 psi w/avg rate of 25 BPM. ISIP 1620 psi. Calc flush: 5819 gal. Actual flush: 5754 gal.

6/2/03 5442'-5723' Frac A and LODC sands as follows:
 61,000# 20/40 sand in 489 bbls Viking I-25 fluid. Treated @ avg press of 1561 psi w/avg rate of 25.4 BPM. ISIP 1480 psi. Calc flush: 5440 gal. Actual flush: 5355 gal.

6/2/03 4914'-5253' Frac B,D,C sand as follows:
 83,000# 20/40 sand in 585 bbls Viking I-25 fluid. Treated @ avg press of 1310 psi w/avg rate of 24.7 BPM. ISIP 1520 psi. Calc flush: 4912 gal. Actual flush: 4830 gal.

6/2/03 4490'-4536' Frac FB and X sands as follows:
 52,000# 20/40 sand in 418 bbls Viking I-25 fluid. Treated @ avg 2800 psi w/avg rate of 25.3 BPM. ISIP 3000 psi. Calc flush: 4710 gal. Actual flush: 4620 gal.

6/2/03 4490'-4536' Frac GB 4 and 6 sands as follows:
 64,340# 20/40 sand in 499 bbls Viking I-25 fluid. Treated @ avg 2050 psi w/avg rate of 25.3 BPM. ISIP 2020 psi. Calc flush: 4488 gal. Actual flush: 4410 gal.

10/9/03 Tubing leak. Update tubing and rod details.

PERFORATION RECORD

Date	Depth Range	Tool	Holes
5/30/03	6177'-6182'	4 JSPF	20 holes
5/30/03	6147'-6152'	4 JSPF	20 holes
5/30/03	5995'-5999'	4 JSPF	16 holes
5/30/03	5975'-5980'	4 JSPF	20 holes
5/30/03	5957'-5962'	4 JSPF	20 holes
5/30/03	5860'-5867'	4 JSPF	28 holes
5/30/03	5821'-5824'	4 JSPF	12 holes
06/2/03	5719'-5723'	4 JSPF	16 holes
06/2/03	5667'-5670'	4 JSPF	12 holes
06/2/03	5536'-5541'	4 JSPF	20 holes
06/2/03	5442'-5447'	4 JSPF	20 holes
06/2/03	5248'-5253'	4 JSPF	20 holes
06/2/03	5181'-5184'	4 JSPF	12 holes
06/2/03	5139'-5144'	4 JSPF	20 holes
06/2/03	4944'-4956'	4 JSPF	48 holes
06/2/03	4914'-4922'	4 JSPF	32 holes
06/2/03	4811'-4815'	4 JSPF	16 holes
06/2/03	4748'-4752'	4 JSPF	16 holes
06/2/03	4712'-4719'	4 JSPF	28 holes
06/2/03	4521'-4536'	4 JSPF	60 holes
06/2/03	4490'-4494'	4 JSPF	16 holes

6226 Basel Carbon.
 Top of Fill @ 6313'
 PBTD @ 6323'
 SHOE @ 6339'
 TD @ 6350'
- Est. 6345' Wasatch



Inland Resources Inc.
 Humpback 13A-25-8-17
 784' FSL & 632' FWL
 SW/SW Section 25-T8S-R17E
 Uintah Co, Utah
 API #43-047-34200; Lease #UTU-74870

Calculation of Cement Bond Index (in millivolts - mV)

Date: 08/19/2004

Operator: INLAND
 Well: HUMBACK 13a-25-8-17
 Permit: UT20852-06287

Enter the following values:

Amplitude at 0% Bond (A-0) (in mV) =

60.0 mV

0.17781513 0.35563025 0.53344538 0.7112605

Amplitude at 100% Bond (A-100) (in mV) =

0.8 mV

-0.1124449 -0.099951 -0.0874571 -0.0749632

Amplitude at 90% Bond (A-90)=

1.2 mV

0.06537026 0.25567926 0.44598826 0.63629726

$$[(0.1)\log A_0 + (0.9)\log A_{100}]$$

where: A90=10

Amplitude at 80% Bond = 1.8 mV

$$[(0.2)\log A_0 + (0.8)\log A_{100}]$$

where: A80=10

Amplitude at 70% Bond (A-70)=

2.8 mV

$$[(0.3)\log A_0 + (0.7)\log A_{100}]$$

where: A70=10

Amplitude at 60% Bond (A-60)=

4.3 mV

$$[(0.4)\log A_0 + (0.6)\log A_{100}]$$

where: A60=10

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41405

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU74870

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
HUMBACK UNIT

8. WELL NAME and NUMBER:
HUMBACK 13A-25-8-17

9. API NUMBER:
4304734200

10. FIELD AND POOL, OR WILDCAT:
Monument Butte

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR:
Newfield Production Company

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

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 784 FSL 632 FWL COUNTY: Uintah
OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: SW/SW, 25, T8S, R17E STATE: Utah

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

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"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
12/13/2004	<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 checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The subject well was converted from a producing to an injection well on 12/6/04. The rods and tubing anchor were removed and a packer was inserted in bottom hole assembly at 4408'. On 12/10/04 Mr. Dan Jackson w/EPA was notified of the intent to conduct a MIT on the casing. On 12/10/04 the casing was pressured to 1220 psi w/no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.

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

NAME (PLEASE PRINT) Krishna Russell TITLE Production Clerk

SIGNATURE Krishna Russell DATE December 13, 2004

(This space for State use only)

RECEIVED
DEC 16 2004

OIL, GAS & MINING

013

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU74870

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: Newfield Production Company		7. UNIT or CA AGREEMENT NAME: HUMPBACK UNIT
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		8. WELL NAME and NUMBER: HUMPBACK 13A-25-8-17
4. LOCATION OF WELL: FOOTAGES AND SURFACE: 784 FSL 632 FWL		9. API NUMBER: 4304734200
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SW/SW, 25, T8S, R17E		10. FIELD AND POOL, OR WILDCAT: Monument Butte
		COUNTY: Uintah
		STATE: Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION		
	TYPE OF ACTION	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"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 12/13/2004	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The subject well was converted from a producing to an injection well on 12/6/04. The rods and tubing anchor were removed and a packer was inserted in bottom hole assembly at 4408'. On 12/10/04 Mr. Dan Jackson w/EPA was notified of the intent to conduct a MIT on the casing. On 12/10/04 the casing was pressured to 1220 psi w/no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.

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

NAME (PLEASE PRINT) Krishna Russell	TITLE Production Clerk
SIGNATURE <i>Krishna Russell</i>	DATE December 13, 2004

(This space for State use only)

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DEC 15 2004

DEPARTMENT OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 12 / 10 / 04
 Test conducted by: RZET HENZIE
 Others present: _____

Well Name: <u>HUMPRACK 13A-25-B-17</u>	Type: <u>ER</u> SWD	Status: AC TA <u>UC</u>
Field: <u>HUMPRACK UNIT</u>		
Location: <u>SW/SW</u> Sec: <u>25</u> T <u>8</u> N/S R <u>17</u> E/W County: <u>UNTAH</u> State: <u>UT</u>		
Operator: <u>NEWFIELD</u>		
Last MIT: <u>- / NA / -</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>200</u> psig	psig	psig
End of test pressure	<u>200</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1215</u> psig	psig	psig
5 minutes	<u>1215</u> psig	psig	psig
10 minutes	<u>1220</u> psig	psig	psig
15 minutes	<u>1220</u> psig	psig	psig
20 minutes	<u>1220</u> psig	psig	psig
25 minutes	<u>1220</u> psig	psig	psig
30 minutes	<u>1220</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

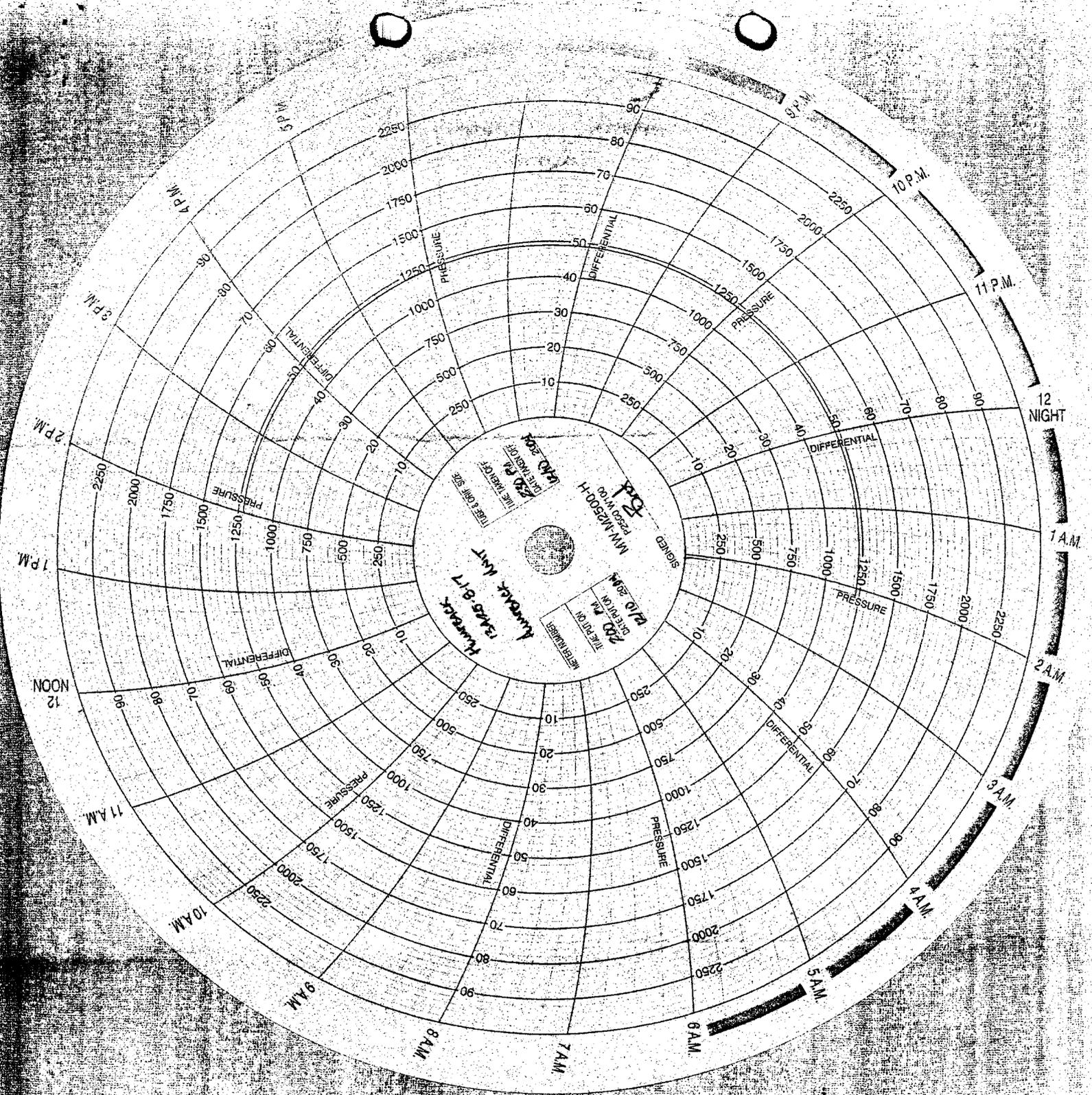
Does the annulus pressure build back up after the test? Yes No

MECHANICAL INTEGRITY PRESSURE TEST

RECEIVED
DEC 15 2004

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: _____





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8

999 18TH STREET - SUITE 300

DENVER, CO 80202-2466

<http://www.epa.gov/region08>

Ref: 8P-W-GW

JAN 1 2005

CERTIFIED MAIL

RETURN RECEIPT REQUESTED

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

Accepted by the
Utah Division of
Oil, Gas and Mining

RECEIVED

JAN 05 2005

FOR RECORD ONLY

DIV. OF OIL, GAS & MINING

RE: **180-Day Limited Authorization to Inject
Humpback No. 13A-25-8-17
SW SW Sec. 25 - T8S - R17E
EPA Well Permit No. UT20852-06287
Uintah County, Utah**

Dear Mr. Gerbig:

The Newfield Production Company (Newfield) submission of **Prior to Commencing Injection** documents, on December 13, 2004, did contain all information required to fulfill the Environmental Protection Agency's (EPA) **Prior to Commencing Injection** requirements, as cited in the **Humpback No. 13A-25-8-17, Permit, UT20852-06287: Part II, Section C. 2**. The submitted data included an EPA Well Rework Form (Form No. 7520-12), a Part I (Internal) Mechanical Integrity Test, and the injection zone pore pressure. All data was reviewed and approved by the EPA on December 21, 2004.

The EPA is hereby authorizing injection into the Humpback 13A-25-8-17 for a limited period of up to one hundred and eighty (180) calendar days, herein referred to as the "Limited Authorized Period". **The "180-Day Limited Authorization Period" will commence upon the first date of enhanced recovery injection.** The permittee is responsible for notifying Emmett Schmitz, of my office, by letter within fifteen (15) working days of the date that enhanced recovery injection began. The initial maximum allowable injection pressure (MAIP) is 1030 psig.

Because the cement bond log submitted for this well did not show an adequate interval of 80% or greater bond index cement through the confining zone overlying the Garden Gulch Member, **the operator is required to demonstrate Part II (External) Mechanical Integrity (Part II MI) within the 180-day "Limited Authorized Period"**. Approved tests for demonstrating Part II (External) MI include a Temperature Survey, a Noise Log or Oxygen Activation Log, and Region 8 may also accept results of a Radioactive Tracer Survey under certain circumstances. The "Limited Authorized Period" allows injection for the purpose of



stabilizing the injection formation pressure prior to demonstrating Part II (External) MI, which is necessary because the proposed injection zone is under-pressured due to previous oil production from the zone, and the tests rely on stable formation pressure. Results of tests shall be submitted to, and written approval with authority to re-commence injection received from, EPA prior to resuming injection following the "Limited Authorized Period". Copies of current Region 8 Guidelines for conducting Part II (External) Mechanical Integrity Tests will be submitted upon request.

Should the operator apply for an increase to the MAIP at any future date, a demonstration of Part II (External) MI must be conducted in addition to the Step-Rate Test. The operator must receive prior authorization from the Director in order to inject at pressures greater than the permitted MAIP during the test(s).

If you have any questions in regard to the above action, please contact Dan Jackson at 1.800.227.8917 (Ext. 6155). Results from the Part II (External) MI test, should be mailed directly to the **ATTENTION: DAN JACKSON**, at the letterhead address citing **MAIL CODE: 8P-W-GW** very prominently.

Sincerely,


for Sandra A. Stavnes
 Director
 Ground Water Program

cc: Mike Guinn
 Vice President - Operations
 Newfield Production Company

Maxine Natchees
 Chairperson
 Uintah & Ouray Business Committee
 Ute Indian Tribe

Elaine Willie
 Environmental Director
 Ute Indian Tribe

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

Gil Hunt
Technical Services Manager
State of Utah - Natural Resources
Division of Oil, Gas, and Mining

Ed Forsman
Sr. Petroleum Engineer
Bureau of Land Management
Vernal District

Mr. Nathan Wiser, 8ENF-UFO



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
999 18TH STREET - SUITE 300
DENVER, CO 80202-2466
http://www.epa.gov/region08

Ref: 8P-W-GW

JAN 1 2005

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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

Accepted by the
Utah Division of
Oil, Gas and Mining

RECEIVED

JAN 05 2005

FOR RECORD ONLY

DIV OF OIL, GAS & MINING

RE: 180-Day Limited Authorization to Inject
Humpback No. 13A-25-8-17
SW SW Sec. 25 - T8S - R17E
EPA Well Permit No. UT20852-06287
Uintah County, Utah

Dear Mr. Gerbig:

The Newfield Production Company (Newfield) submission of Prior to Commencing Injection documents, on December 13, 2004, did contain all information required to fulfill the Environmental Protection Agency's (EPA) Prior to Commencing Injection requirements, as cited in the Humpback No. 13A-25-8-17, Permit, UT20852-06287: Part II, Section C. 2. The submitted data included an EPA Well Rework Form (Form No. 7520-12), a Part I (Internal) Mechanical Integrity Test, and the injection zone pore pressure. All data was reviewed and approved by the EPA on December 21, 2004.

The EPA is hereby authorizing injection into the Humpback 13A-25-8-17 for a limited period of up to one hundred and eighty (180) calendar days, herein referred to as the "Limited Authorized Period". The "180-Day Limited Authorization Period" will commence upon the first date of enhanced recovery injection. The permittee is responsible for notifying Emmett Schmitz, of my office, by letter within fifteen (15) working days of the date that enhanced recovery injection began. The initial maximum allowable injection pressure (MAIP) is 1030 psig.

Because the cement bond log submitted for this well did not show an adequate interval of 80% or greater bond index cement through the confining zone overlying the Garden Gulch Member, the operator is required to demonstrate Part II (External) Mechanical Integrity (Part II MI) within the 180-day "Limited Authorized Period". Approved tests for demonstrating Part II (External) MI include a Temperature Survey, a Noise Log or Oxygen Activation Log, and Region 8 may also accept results of a Radioactive Tracer Survey under certain circumstances. The "Limited Authorized Period" allows injection for the purpose of



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
JAN 14 2005

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

015

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.

DIV OF OIL, GAS & MINING

5. Lease Serial No.
UTU74870

6. If Indian, Allottee or Tribe Name.

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

8. Well Name and No.
HUMPBACK 13A-25-8-17

9. API Well No.
4304734200

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State
Uintah, UT

SUBMIT IN TRIPLICATE - One copy to be retained on reverse side

1. Type of Well
 Oil Well Gas Well Other Injection well

2. Name of Operator
Newfield Production Company

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

3b. Phone No. (include are code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
784 FSL 632 FWL
SW/SW Section 25 T8S R17E

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

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

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

The above referenced well was put on injection at 1:00 p.m. on 1/12/05.

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

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)
Mandie Crozier

Signature
Mandie Crozier

Title
Regulatory Specialist

Date
1/13/2005

THIS SPACE FOR FEDERAL OR STATE AGENCY 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)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
JAN 14 2005

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

015

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.

DIV. OF OIL, GAS & MINING

SUBMIT IN TRIPLICATE - Other Instructions on reverse side		5. Lease Serial No. UTU74870
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other Injection well		6. If Indian, Allottee or Tribe Name.
2. Name of Operator Newfield Production Company		7. If Unit or CA/Agreement, Name and/or No. HUMPBAC UNIT
3a. Address Route 3 Box 3630 Myton, UT 84052		8. Well Name and No. HUMPBAC 13A-25-8-17
3b. Phone No. (include are code) 435.646.3721		9. API Well No. 4304734200
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 784 FSL 632 FWL SW/SW Section 25 T8S R17E		10. Field and Pool, or Exploratory Area Monument Butte
		11. County or Parish, State Uintah, UT

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

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

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

The above referenced well was put on injection at 1:00 p.m. on 1/12/05.

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

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Mandie Crozier	Title Regulatory Specialist
Signature <i>Mandie Crozier</i>	Date 1/13/2005

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)

OPERATOR CHANGE WORKSHEET

016

Change of Operator (Well Sold)

Designation of Agent/Operator

ROUTING

- | |
|---------|
| 1. GLH |
| 2. CDW |
| 3. FILE |

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	
HUMPBACK 16-23-8-17	23	080S	170E	4304734558	12053	Federal	OW	P	K
HUMPBACK 1-23-8-17	23	080S	170E	4304734566	12053	Federal	OW	P	K
HUMPBACK FED 16-24-8-17	24	080S	170E	4304734879	12053	Federal	OW	P	K
HUMPBACK FED 10-24-8-17	24	080S	170E	4304734880	12053	Federal	OW	P	K
HUMPBACK FED 9-24-8-17	24	080S	170E	4304734881	12053	Federal	OW	P	K
HUMPBACK FED 8-24-8-17	24	080S	170E	4304734885	12053	Federal	OW	P	K
HUMPBACK FED 7-24-8-17	24	080S	170E	4304734886	12053	Federal	OW	P	K
HUMPBACK 13A-25-8-17	25	080S	170E	4304734200	12053	Federal	WI	A	K
HUMPBACK 1-25-8-17	25	080S	170E	4304734485	12053	Federal	OW	P	K
HUMPBACK 8-25-8-17	25	080S	170E	4304734486	12053	Federal	OW	P	K
HUMPBACK 9-25-8-17	25	080S	170E	4304734487	12053	Federal	OW	P	K
HUMPBACK 16-25-8-17	25	080S	170E	4304734488	12053	Federal	OW	P	K
HUMPBACK U 9-26-8-17	26	080S	170E	4304734162	12053	Federal	OW	P	
HUMPBACK 16-26-8-17	26	080S	170E	4304734177		Federal	OW	APD	

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004

2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004

3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005

4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143

5. 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



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



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		

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

017

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	
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HUMPBACK 1-23-8-17	23	080S	170E	4304734566	12053	Federal	OW	P	K
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HUMPBACK 16-25-8-17	25	080S	170E	4304734488	12053	Federal	OW	P	K
HUMPBACK U 9-26-8-17	26	080S	170E	4304734162	12053	Federal	OW	P	
HUMPBACK 16-26-8-17	26	080S	170E	4304734177		Federal	OW	APD	

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004

2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004

3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005

4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143

5. 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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-74870

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:
HUMPBAC UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
HUMPBAC 13A-25-8-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4304734200

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: 784 FSL 632 FWL

COUNTY: UINTAH

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSW, 25, T8S, R17E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 10/09/2009	<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: - Five Year MIT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

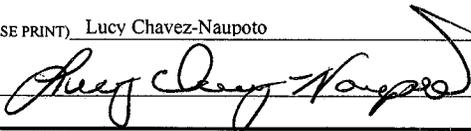
On 9-29-09 Nathan Wisner with the EPA was contacted concerning the 5 year MIT on the above listed well. Permission was given at that time to perform the test on 9-30-09. On 10-09-09 the casing was pressured up to 1640 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tubing pressure was 1129 psig during the test. There was not an EPA representative available to witness the test. EPA# UT 20852-06287 API# 43-047-34200

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

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Production Tech

SIGNATURE



DATE 10/12/2009

(This space for State use only)

RECEIVED

OCT 14 2009

DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 10/09/09
 Test conducted by: Dele Giles
 Others present: _____

Well Name: <u>Humpback 13A-25-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Humpback Unit</u>		
Location: _____	Sec: <u>25</u> T <u>8</u> N <u>18</u> R <u>17</u> W	County: <u>Utah</u> State: <u>UT</u>
Operator: <u>Newfield Production Co.</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: <u>1185</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: 32 bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1129</u> psig	psig	psig
End of test pressure	<u>1129</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1640</u> psig	psig	psig
5 minutes	<u>1640</u> psig	psig	psig
10 minutes	<u>1640</u> psig	psig	psig
15 minutes	<u>1640</u> psig	psig	psig
20 minutes	<u>1640</u> psig	psig	psig
25 minutes	<u>1640</u> psig	psig	psig
30 minutes	<u>1640</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: _____

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74870
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: HUMPBAC 13A-25-8-17
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		9. API NUMBER: 43047342000000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0784 FSL 0632 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 25 Township: 08.0S Range: 17.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/20/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="MIT- Polymer Treatment"/>

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

The above subject well had workover procedures performed (polymer treatment), attached is a daily status report. Workover MIT performed on the above listed well. On 06/20/2014 the csg was pressured up to 1284 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 600 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-06287

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**
June 26, 2014

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 6/25/2014	

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: 6/20/14
 Test conducted by: Brendan Lurry
 Others present: Bobby Drake

Well Name: <u>Humphreys 13A-25-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Greater Monument Butte</u>		
Location: <u>13</u> Sec: <u>25</u> T <u>8</u> N <u>18</u> R <u>17</u> E/W	County: <u>Uintah</u> State: <u>UT</u>	
Operator: <u>Newfield Exploration</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: _____ PSIG	

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

Pre-test casing/tubing annulus pressure: 0/600 psig

MIT DATA TABLE	Test #1		Test #2		Test #3	
TUBING	PRESSURE					
Initial Pressure	<u>600</u>	psig		psig		psig
End of test pressure	<u>600</u>	psig		psig		psig
CASING / TUBING	ANNULUS		PRESSURE			
0 minutes	<u>1284</u>	psig		psig		psig
5 minutes	<u>1286</u>	psig		psig		psig
10 minutes	<u>1286</u>	psig		psig		psig
15 minutes	<u>1285</u>	psig		psig		psig
20 minutes	<u>1285</u>	psig		psig		psig
25 minutes	<u>1285</u>	psig		psig		psig
30 minutes	<u>1284</u>	psig		psig		psig
_____ minutes		psig		psig		psig
_____ minutes		psig		psig		psig
RESULT	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail

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

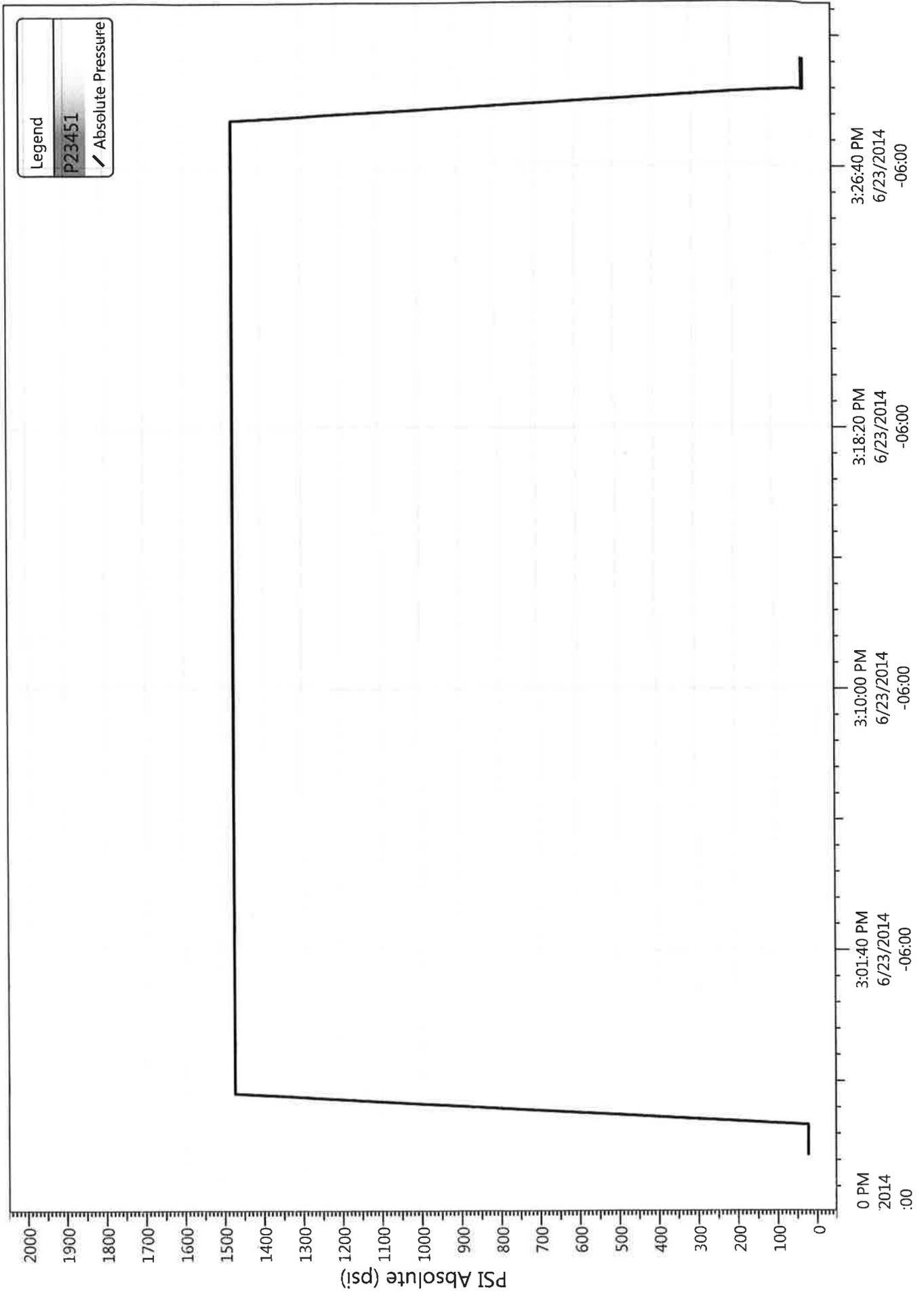
MECHANICAL INTEGRITY PRESSURE TEST

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

Signature of Witness: _____

Humpback Federal 16-24-8-17

6/23/2014 2:54:41 PM





Well Name: Humpback 13A-25-8-17

Job Detail Summary Report

Jobs		Job Start Date	Job End Date
Primary Job Type		5/19/2014	6/20/2014
Other			

Daily Operations		24hr Activity Summary
Report Start Date	5/19/2014	MIRU RELEASE PKR
Report End Date	5/20/2014	
Start Time	03:00	End Time
Start Time	04:00	End Time
Start Time	07:30	End Time
Report Start Date	5/20/2014	R/U TBG FLOOR, R/U TBG EQP, TOOH W/ TBG, P/U S/LINE & RIH
Report End Date	5/20/2014	
Start Time	05:30	End Time
Start Time	06:00	End Time
Start Time	18:30	End Time
Report Start Date	6/18/2014	POOH w/ 142-Jts (4432)
Report End Date	6/18/2014	
Start Time	05:30	End Time
Start Time	06:00	End Time
Start Time	19:00	End Time
Report Start Date	6/19/2014	Continue
Report End Date	6/19/2014	
Start Time	05:30	End Time

Start Time	End Time	Comment
04:00		RIG MOVE
07:30		MIRU NC#3, Flow Well & Wait On Trash Pmp To Pmp Out Flow Back Pit, N/D W/H-D, N/U BOPs, Release PKR, SWI, 6:30PM CSDFN
08:00		CREW TRAVEL
06:00		CREW TRAVEL
18:30		6:00AM OWU, R/U Rig Flr, R/U Tbg Eqp, R/U S/Lne W/Sand Cup, P/U & RIH, Make 4 Swab Runs To Get To 2500', L/D S/Lne, TOOH W/ 78jts Tbg, P/U S/Lne & RIH, Make 3 Runs To Swab Back From SIN, TOOH W/ Pkr, Tbg Tally-141jts Tbg, S/N, & 5 1/2 Weatherford Pkr, L/D Pkr, P/U & RIH W/ Weatherford 5 1/2 RBP, R/Head, 4' 2 7/8 Tbg Sub, Weatherford 5 1/2 Pkr, 141jts Old Tbg, P/U New Tbg, Brake & Dope 8jts Tbg(New To Be Left In Hole), Set RBP @ 4879', L/D 1ft, Set Pkr @ 4833', Pst Tst Pkr To 2800psi, Pirs Bleed Off, P/U 10' Tbg Pup & RIH, Pst Tst To 2800 & Held For 15 Min, POOH W/ Pkr & Set @ 4668', N/D Tbg Eqp, R/D Rig Flr, N/D BOPs, R/U W/H-D Land W/H-D W/ 15K# Compression On Pkr, R/U H/Oiler To Tbg, Get Injection Rate, Injection Rate= 3/4 GPM @ 750 PSI, Monitor Csg & Watch For Flow, SWI, Steam Off Rig W/ H/Oiler, R/D & MIO NC#3 @ 6:30PM, 6:30PM CSDFN
19:00		CREW TRAVEL
06:00		c/Trav
19:00		Moved From 16-35-8-15: Waited For Wtr Tk to Be Drained & Moved, MIRUSU, SICP 1500psi SITP 1000psi, Bleed Off Pressure, NDWH, Release PKR, NU Weatherford BOP, RU Workfloor, PU 7- jts, Retrieve RBP @ 4873', BMW H/O Pmped 65BW d/ Annulus w/ 5gals Multi-Chem H2S Scavenger, Monitored, 15-25ppm of H2S From Tbg During Circ, Reversed w/ 15BW, POOH w/ 142- Jts (4432), LD 7-Jts, LD RBP & PKR, MU & TIH w/ Weatherford 5 1/2" AS-1X PKR & 142- Jts, H/O Pmped 15BW d/ Tbg, Drop SV, RU & RIH w/ SL to Seat SV, Hole Remaining Full, PT Tbg to 3050psi, 90psi Loss in 15Min, Repress to 3050psi, 50psi Loss in 30Min, Left SV in Hole w/ 3000psi on Tbg...SWIFN
19:30		c/Trav
06:00		c/Trav



Well Name: Humpback 13A-25-8-17

Job Detail Summary Report

Start Time	06:00	End Time	17:00	Comment
Start Time	17:00	End Time	17:30	Comment
Report Start Date	6/20/2014	Report End Date	6/20/2014	24hr Activity Summary
Start Time	05:30	End Time	06:00	MIT- GOOD TEST
Start Time	06:00	End Time	11:00	Comment
Start Time	11:00	End Time	11:30	Comment

Comment : SICP 600psi SITP 1500psi, Bleed Off Csg, Repress Tbg to 3050psi, 10psi Loss in 15Min, NO PRESSURE LOSS in 30Min, GOOD Tbg TESTI, Retreive SV, RD Workfloor, ND BOP, MUWH, BMW H/O Pmped 50BW w/ Multi-Chem PKR Fluids d/Csg, Set 5 1/2" Weatherford Arrow Set PKR CE @ 4448' w/ 1500# of Tension, NU 3K Injection Tree #20012685, Hole Remaining Full, PT Annulus to 1500psi, 50psi Loss in 30Min, 15psi Loss in 15Min, Repress to 1500psi, 25psi Loss in 30Min, 20psi Loss in 30Min, Bleed Down to 700psi, Repress to 1400psi, 10psi Gain in 30Min, Wtr Service Rep Failed MIT @ 20psi Loss in 30Min, Bleed Off Threw H/O Truck, Repress to 1500psi Let Set Over Night..SWIFN

Comment c/Travl

Comment c/Trav
 Comment SICP 1300psi SITP 600psi, 200psi Loss in 750Min Avg @ .25psi Loss Per Min, Cleaned & Maintenance On Equipment, Newfield Wtr Service Rep Performed MIT..GOOD TESTI...RDMOSU

Comment Workover MIT performed on the above listed well. On 06/20/2014 the csg was pressured up to 1284 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 600 psig during the test. There was not an EPA representative available to witness the test.
 EPA #UT22197-06287

NEWFIELD

Schematic

Well Name: Humpback 13A-25-8-17

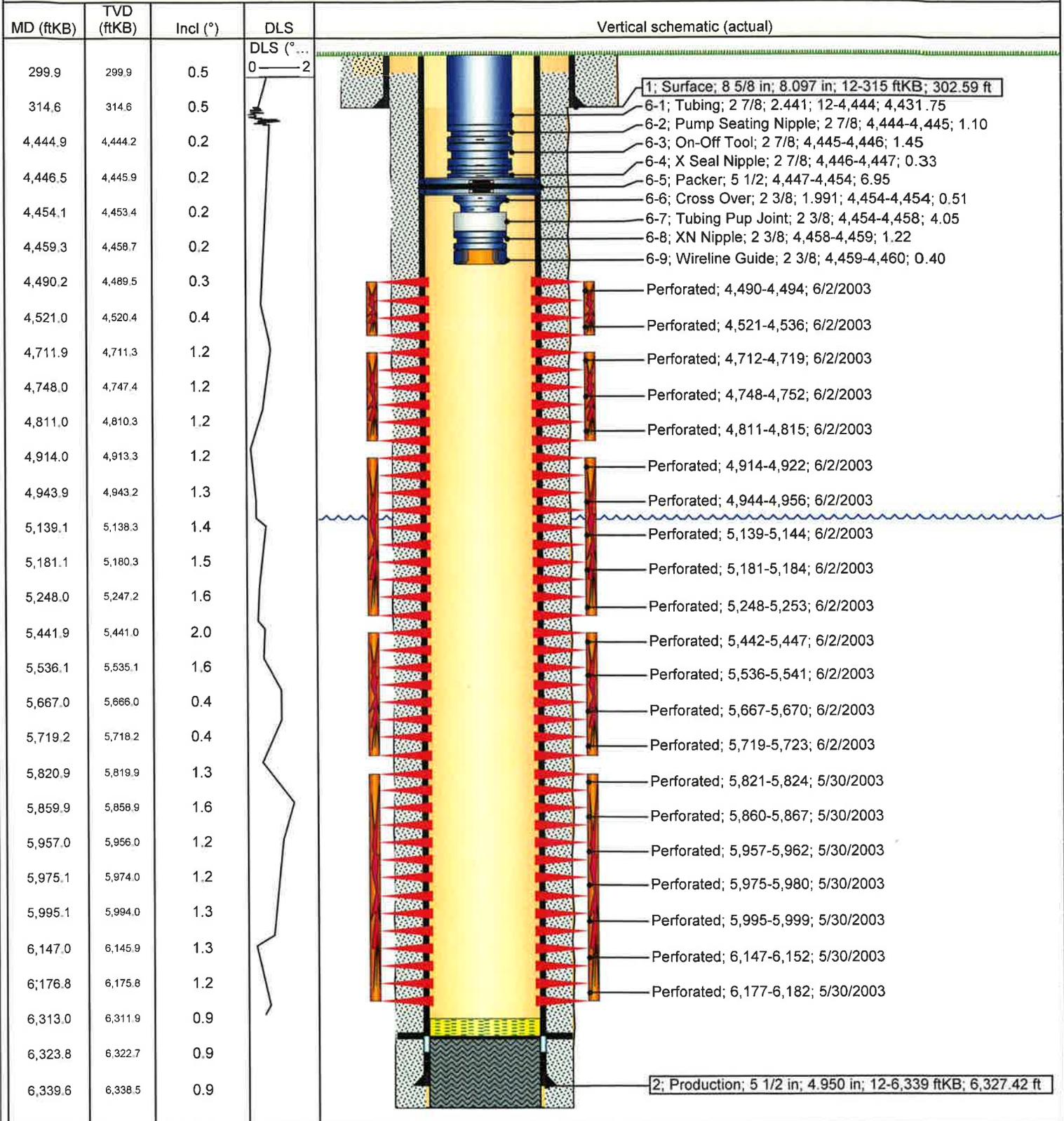
Surface Legal Location 25-8S-17E		API/UWI 43047342000000	Well RC 500151230	Lease	State/Province Utah	Field Name GMBU CTB9	County UINTAH
Spud Date 5/1/2003	Rig Release Date 5/19/2003	On Production Date 6/6/2003	Original KB Elevation (ft) 5,052	Ground Elevation (ft) 5,040	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 6,323.2	

Most Recent Job

Job Category Production / Workover	Primary Job Type Other	Secondary Job Type N/A	Job Start Date 5/19/2014	Job End Date 6/20/2014
---------------------------------------	---------------------------	---------------------------	-----------------------------	---------------------------

TD: 6,350.0

Vertical - Original Hole, 6/24/2014 1:30:21 PM



NEWFIELD

Newfield Wellbore Diagram Data
Humpback 13A-25-8-17

Surface Legal Location 25-8S-17E		API/UWI 43047342000000		Lease	
County UINTAH		State/Province Utah		Field Name GMBU CTB9	
Well Start Date 5/1/2003		Spud Date 5/1/2003		Final Rig Release Date 5/19/2003	
				On Production Date 6/6/2003	
Original KB Elevation (ft) 5,052	Ground Elevation (ft) 5,040	Total Depth (ftKB) 6,350.0		Total Depth All (TVD) (ftKB) PBTB (All) (ftKB) Original Hole - 6,323.2	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	5/1/2003	8 5/8	8.097	24.00	J-55	315
Production	5/19/2003	5 1/2	4.950	15.50	J-55	6,339

Cement

String: Surface, 315ftKB 5/7/2003

Cementing Company BJ Services Company		Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 314.6	Full Return?	Vol Cement Ret (bbi)
Fluid Description w/ 2% CaCL2 + 1/4#/sk Cello-Flake		Fluid Type Lead	Amount (sacks) 150	Class G	Estimated Top (ftKB) 12.0

String: Production, 6,339ftKB 5/19/2003

Cementing Company BJ Services Company		Top Depth (ftKB) 300.0	Bottom Depth (ftKB) 6,350.0	Full Return?	Vol Cement Ret (bbi)
Fluid Description w/ 10% gel + 3% KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake		Fluid Type Lead	Amount (sacks) 310	Class PL II	Estimated Top (ftKB) 300.0
Fluid Description W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel, 3% SM		Fluid Type Tail	Amount (sacks) 400	Class 50/50 Poz	Estimated Top (ftKB) 3,000.0

Tubing Strings

Tubing Description		Run Date		Set Depth (ftKB)				
Tubing		6/18/2014		4,459.8				
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	142	2 7/8	2.441	6.50	J-55	4,431.75	12.0	4,443.8
Pump Seating Nipple		2 7/8				1.10	4,443.8	4,444.9
On-Off Tool		2 7/8				1.45	4,444.9	4,446.3
X Seal Nipple		2 7/8				0.33	4,446.3	4,446.6
Packer		5 1/2				6.95	4,446.6	4,453.6
Cross Over		2 3/8	1.991			0.51	4,453.6	4,454.1
Tubing Pup Joint		2 3/8			J-55	4.05	4,454.1	4,458.1
XN Nipple		2 3/8				1.22	4,458.1	4,459.4
Wireline Guide		2 3/8				0.40	4,459.4	4,459.8

Rod Strings

Rod Description		Run Date		Set Depth (ftKB)			
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date
Fill	6,313	6,323	10/8/2003	

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
5	GB4 sds, Original Hole	4,490	4,494	4	90	0.038	6/2/2003
5	GB6 sds, Original Hole	4,521	4,536	4	90	0.038	6/2/2003
4	PB10 sds, Original Hole	4,712	4,719	4	90	0.038	6/2/2003
4	PB11 sds, Original Hole	4,748	4,752	4	90	0.038	6/2/2003
4	X-Stray, Original Hole	4,811	4,815	4	90	0.038	6/2/2003
3	DS2 sds, Original Hole	4,914	4,922	4	90	0.038	6/2/2003
3	DS3 sds, Original Hole	4,944	4,956	4	90	0.038	6/2/2003
3	D3 sds, Original Hole	5,139	5,144	4	90	0.038	6/2/2003
3	C sds, Original Hole	5,181	5,184	4	90	0.038	6/2/2003
3	B .5 sds, Original Hole	5,248	5,253	4	90	0.038	6/2/2003
2	A .5 sds, Original Hole	5,442	5,447	4	90	0.038	6/2/2003
2	A3 sds, Original Hole	5,536	5,541	4	90	0.038	6/2/2003
2	LODC sds, Original Hole	5,667	5,670	4	90	0.038	6/2/2003
2	LODC sds, Original Hole	5,719	5,723	4	90	0.038	6/2/2003
1	CP.5 sds, Original Hole	5,821	5,824	4	90	0.038	5/30/2003
1	CP1 sds, Original Hole	5,860	5,867	4	90	0.038	5/30/2003
1	CP3 sds, Original Hole	5,957	5,962	4	90	0.038	5/30/2003

NEWFIELD

**Newfield Wellbore Diagram Data
Humpback 13A-25-8-17**

**Perforation Intervals**

Stage#	Zone	Top (ftKB)	Blm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
1	CP3 sds, Original Hole	5,975	5,980	4	90	0.038	5/30/2003
1	CP3 sds, Original Hole	5,995	5,999	4	90	0.038	5/30/2003
1	CP5 sds, Original Hole	6,147	6,152	4	90	0.038	5/30/2003
1	BS sds, Original Hole	6,177	6,182	4	90	0.038	5/30/2003

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	1,620	0.7	25.5	1,914			
2	1,480	0.7	25.8	2,009			
3	1,520	0.73	24.9	2,335			
4	3,000	1.06	25.8	3,418			
5	2,020	0.88	25.6	2,305			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 90068 lb
2		Proppant White Sand 61000 lb
3		Proppant White Sand 83000 lb
4		Proppant White Sand 52000 lb
5		Proppant White Sand 64340 lb

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

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

JUL 28 2014

RECEIVED

JUL 31 2014

DIV. OF OIL, GAS & MINING

Ref: 8ENF-UFO

CERTIFIED MAIL 7008-3230-0003-0727-5676
RETURN RECEIPT REQUESTED

Mr. J D Horrocks
Newfield Exploration Company
Route 3, Box 3630
Myton, UT 84052

Re: 25 8S 17E
Underground Injection Control (UIC)
Permission to Resume Injection
Humpback 13A-25-8-17 Well
EPA ID# UT22197-06287
API # 43-047-34200
Uintah County, UT

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

Dear Mr. Horrocks:

On July 3, 2014, the Environmental Protection Agency (EPA) received information from Newfield Exploration Company on the above-referenced well concerning the workover and the follow-up mechanical integrity test (MIT) conducted on June 20, 2014. 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 June 20, 2019.

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 the EPA is notified and procedures are described to the 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 the EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Sarah Roberts at (303) 312-7056.
Please direct all correspondence to the attention of Sarah Roberts at Mail Code 8ENF-UFO.

Sincerely,



Mark Chalfant, Acting Director
UIC/FIFRA/OPA Technical Enforcement Programs

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

Reannin Tapoof, Executive Assistant
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Tony Small, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Phillip Chimburas, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Ronald Wopsock, Vice-Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Stewart Pike, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Bruce Ignacio, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
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