

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 Wildrose Resources Corporation PH: 303-770-6566

3. ADDRESS OF OPERATOR
 4949 South Albion Street, Littleton, CO 80121

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 166 513' FNL & 1938' FWL (NE 1/4 NW 1/4)
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 10 miles SE of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 513'

16. NO. OF ACRES IN LEASE 200

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. 2880'

19. PROPOSED DEPTH 6200'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5129' GR

22. APPROX. DATE WORK WILL START* August 15, 1997

5. LEASE DESIGNATION AND SERIAL NO.
 U-71368

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Harbortown Federal

9. WELL NO.
 21-33

10. FIELD AND POOL, OR WILDCAT
 Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Section 33, T8S, R17E

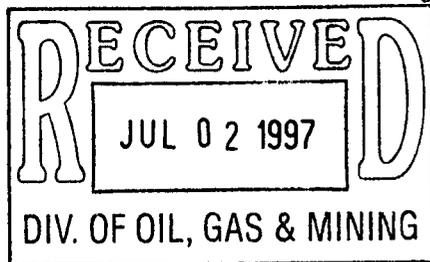
12. COUNTY OR PARISH 13. STATE
 Duchesne Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#, J-55	300'	225 sx
7-7/8"	5-1/2"	15.5#, J-55	6200'	800 sx

SEE ATTACHED EXHIBITS: A - Surveyors Plat E - Access Road Map
 B - 10 Point Plan F - Production Facilities
 C - BOP Diagram G - Existing Wells Map
 D - 13 Point Surface Use Program H - Pit & Pad Layout, Cuts & Fills, Cross Sections, Rig Layout

CONFIDENTIAL



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 Kay J. Kattula TITLE Vice President DATE June 30, 1997

(This space for Federal or State office use)

PERMIT NO. 43-013-31914 APPROVAL DATE _____

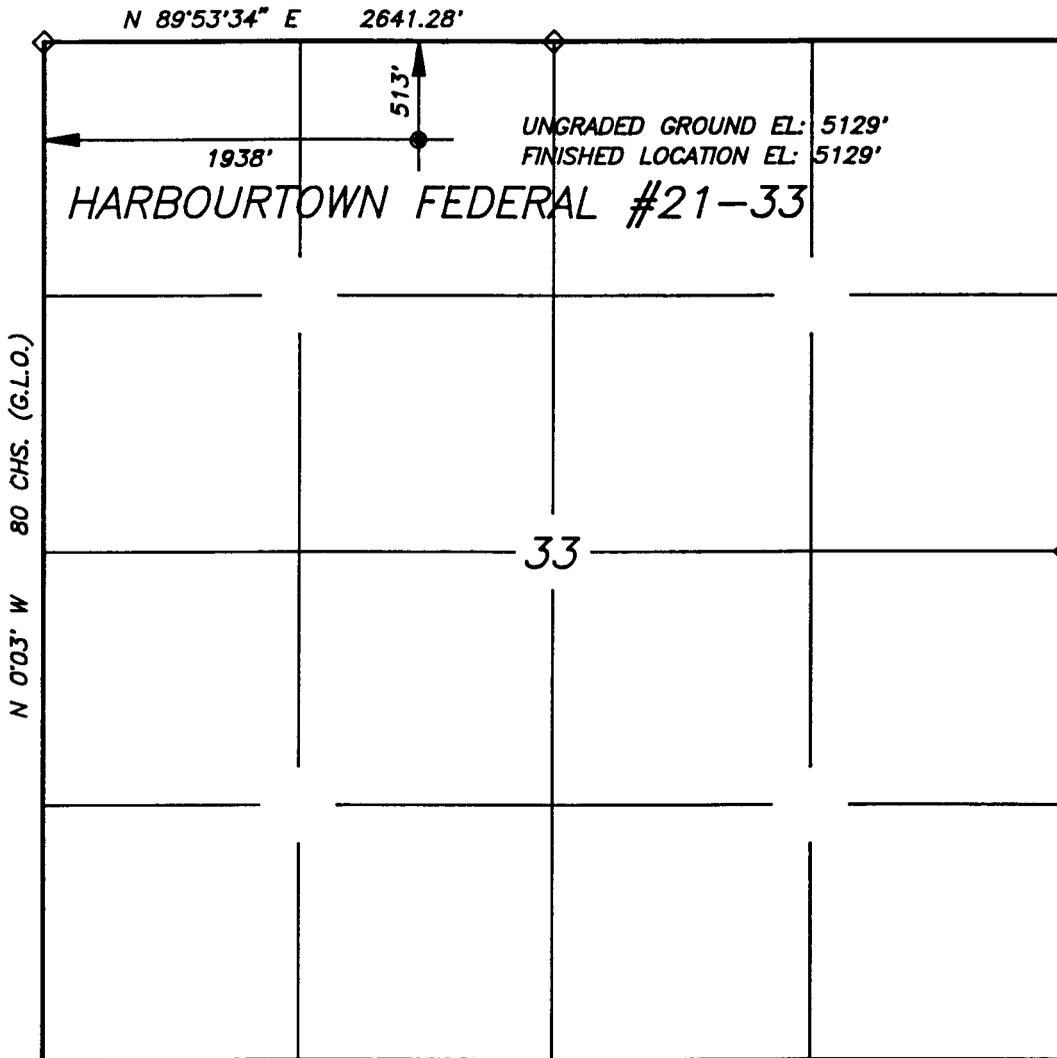
APPROVED BY J. L. R. Baya TITLE Associate Director DATE 8/6/97

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

**WILDROSE RESOURCES CORP.
WELL LOCATION PLAT
HARBOURTOWN FEDERAL #21-33**

LOCATED IN THE NE1/4 OF THE NW1/4 OF
SECTION 33, T8S, R17E, S.L.B.&M.



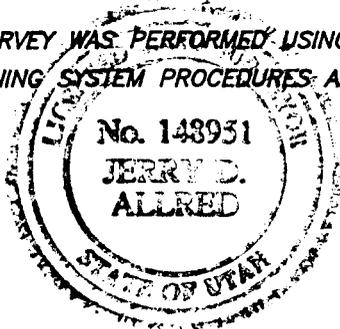
SCALE: 1" = 1000'

LEGEND AND NOTES

◇ ORIGINAL MONUMENTS FOUND AND USED BY THIS SURVEY.

THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS AS WAS THE U.S.G.S. QUADRANGLE MAP.

THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT



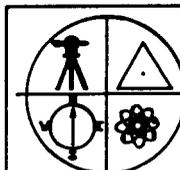
SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY PERFORMED BY ME, DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR ESTABLISHED.

Jerry D. Allred

 JERRY D. ALLRED, REGISTERED LAND SURVEYOR,
 CERTIFICATE NO. 148951 (UTAH)

Exhibit 'A'



JERRY D. ALLRED & ASSOCIATES
 SURVEYING CONSULTANTS

121 NO. CENTER ST.--P.O. BOX 975
 DUCHESNE, UTAH 84021
 (801)-738-5352

4 JUNE 1997

83-123-033

EXHIBIT B

WILDROSE RESOURCES CORPORATION
HARBOUR TOWN FEDERAL #21-33
LEASE #U-71368
NE/NW SECTION 33, T8S, R17E
DUCHESNE COUNTY, UTAH

TEN POINT COMPLIANCE PROGRAM OF APPROVAL OF OPERATIONS

1. The Geologic Surface Formation

The surface formation is the Uintah (Tertiary).

2. Estimated Tops of Important Geologic Markers

Green River	1700'
Wasatch Tongue of Green River	6100'
Total Depth	6200'

3. Estimated Depths of Anticipated Water, Oil, Gas or Minerals

No water bearing zones are anticipated

Green River 4000' - 6100' Oil

4. The Proposed Casing Program

<u>HOLE</u>	<u>INTERVAL</u>	<u>LENGTH</u>	<u>SIZE(OP)</u>	<u>WEIGHT, GRADE, JOINT</u>	<u>NEW OR USED</u>
12.25"	0 - 300'	300'	8-5/8"	24# K-55 ST&C	New
7-7/8"	0 - 6200'	6200'	5-1/2"	15.50# J-55 ST&C	New

Cement Program -

Surface Casing: 225 sacks Class "G" plus 2% CaCl₂

Production Casing: 200 sacks Lite Cement and 600 sacks Class "G" with additives

5. The Operator's Minimum Specifications for Pressure Control

EXHIBIT "C" is a schematic diagram of the blowout preventer equipment. A 2M system will be used. The blind rams and the pipe

9. Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is 1500 psi + or -.

No hydrogen sulfide or other hazardous fluids or gases have been found, reported or known to exist at these depths in the area.

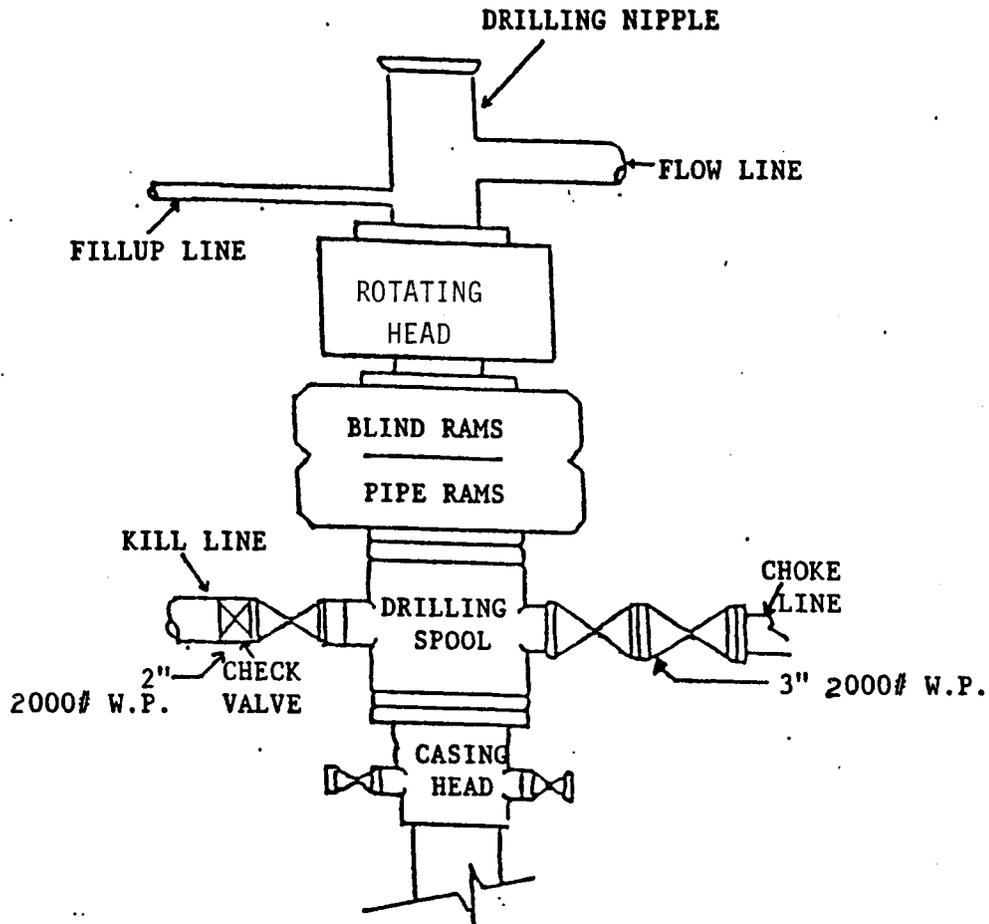
10. Anticipated Starting Date and Duration of the Operations.

The anticipated starting date is August 15, 1997. Operations will cover approximately 10 days for drilling and 14 days for completion.

Hazardous Chemicals

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported or disposed of in association with the drilling of this well.

EXHIBIT C
BOP DIAGRAM



NOTE: BOP side outlets may be used in place of drilling spool.

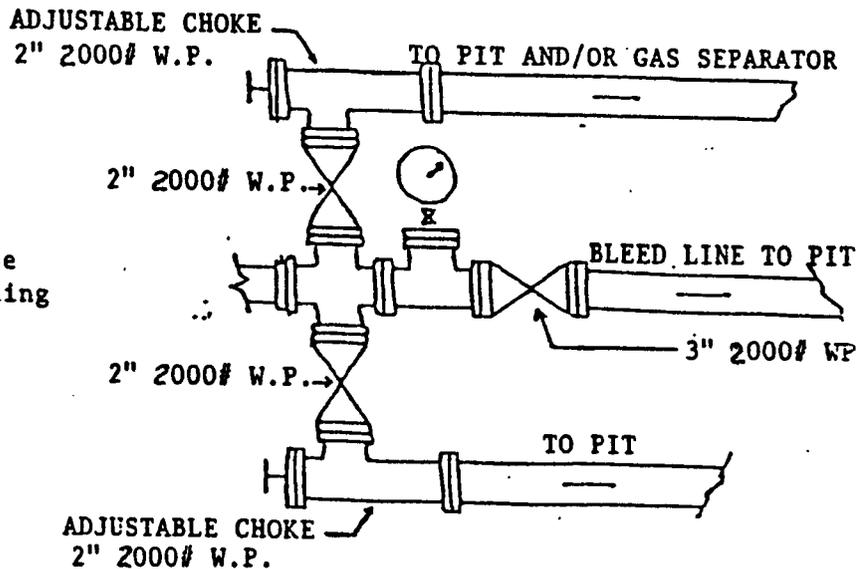


EXHIBIT D

WILDROSE RESOURCES CORPORATION
HARBOUR TOWN FEDERAL #21-33
LEASE #U-71368
NE/NW SECTION 33, T8S, R17E
DUCHESNE COUNTY, UTAH

Thirteen Point Surface Use Program

Multipoint Requirements to Accompany APD

1. Existing Roads

- A. The proposed well site and elevation plat is shown on Exhibit A.
- B. From Myton, Utah, go west 1 mile. Turn south on Pleasant Valley road. Go south for 9.5 miles. Turn east (left) for 0.85 miles. Turn right 300' to location.
- C. See Exhibit E for access roads.
- D. There are no plans for improvement of existing roads. Roads will be maintained in present condition.

2. Planned Access Roads - (Newly Constructed)

- A. Length - 300 feet.
- B. Width - 30' right of way with 18' running surface maximum.
- C. Maximum grades - 2%
- D. Turnouts - N/A
- E. Drainage design - Barrow ditches and water turnouts as required.
- F. Culverts, bridges, cuts and fills - None.
- G. Surfacing material (source) - from location and access road.
- H. Gates, cattle guards and fence cuts - None.

All travel will be confined to existing access road rights of way.

Access roads and surface disturbing activities will conform to

standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

The road shall be upgraded to meet the standards of the anticipated traffic flow and all weather road requirements. Construction/ upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right of way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diversion water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

A Right of Way application is needed. Please consider this APD the application for said Right of Way.

3. Location of Existing Wells Within a 1 Mile Radius

See Exhibit G

- A. Water wells - none.
- B. Abandoned wells - one.
- C. Temporarily abandoned wells - none.
- D. Disposal wells - none.
- E. Drilling wells - none.
- F. Producing wells - seven.
- G. Shut-in wells - none.
- H. Injection wells - none.

4. Location of Existing and/or Proposed Facilities

- A. On well pad - See Exhibit F for all production facilities to be used if well is completed as a producing oil well.
- B. Off well pad - N/A

If a tank battery is constructed on this lease, the battery or the well pad will be surrounded by a dike of sufficient capacity to

contain, at a minimum, the entire content of the largest tank within the battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

Tank battery will be placed on the northwest corner of the location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rock Mountain Five state Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is desert brown, 10YR.

If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.

5. Location and Type of Water Supply

- A. Water supply will be from the city of Myton, Utah.
- B. Water will be trucked across existing roads to location.
- C. No water wells to be drilled on lease.

6. Source of Construction Materials

- A. Native materials on lease will be used.
 - B. From Federal land.
 - C. N/A.
- A minerals material application is not required.

7. Methods for Handling Waste Disposal

- A.
 - 1) Drill cuttings will be buried in the reserve pit.
 - 2) Portable toilets will be provided for sewage.

- 3) Trash and other waste material will be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.
- 4) Salts - if any will be disposed of.
- 5) Chemicals - if any will be disposed of.

B. Drilling fluids will be handled in the reserve pit. Any fluids produced during testing operations will be collected in a test tank. If a test tank is not available during drilling, fluids will be handled in the reserve pit. Any oil in the reserve pit will be removed.

Burning will not be allowed. All trash must be contained in trash cage and hauled away to an approved disposal site at the completion of drilling activities.

The reserve pit shall be constructed so as not to leak, break, or allow discharge.

A plastic nylon reinforced liner will be used. It will be a minimum of 12 mil thickness with sufficient bedding (either straw or dirt) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.

After first production, produced waste water will be confined to a lined pit or storage tank for a period not to exceed 90 days. During the 90 day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with required water analysis, shall be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

8. Ancillary Facilities

- A. Camp facilities or airstrips will not be required.

9. Well Site Layout

- A. See Exhibit H.
- B. See Exhibit H.
- C. See Exhibit H.

The reserve pit will be located on the north side of the location.

The flare pit will be located downwind of the prevailing wind direction on the south side of the location a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

Topsoil - will be stored at the south side of the location.

Access to the well pad will be from the west.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

a. 39-inch net wire shall be used with at least one strand of barbed wire on top of the net wire (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).

b. The net wire shall be no more than 2-inches above the ground. The barbed wire shall be 3-inches above the net wire. Total height of the fence shall be at least 42-inches.

c. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

d. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.

e. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

10. Plans for Restoration of Surfaces

A. Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed and all cans, barrels, pipe, etc., will be removed.

The BLM will be contacted for required seed mixture.

B. Dry Hole/ Abandoned Location:

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.

11. Surface Ownership

Access Road: Federal
Location: Federal

12. Other Additional Information

A. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:

- Whether the materials appear eligible for the National Register of Historic Places;

- The mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and

- A time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from

the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

B. The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

C. Drilling rigs and/or equipment used during drilling operations on this wellsite will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

Additional Surface Stipulations

Reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer.

13. Lessee's or Operators Representative and Certification Representative

Kary J. Kaltenbacher
Wildrose Resources Corporation
4949 South Albion Street
Littleton, CO 80121
Telephone: 303-770-6566

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his sub-contractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A complete copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

The operator or his/her contractor shall contact the BLM Office at (801) 789-1362 forty eight (48) hours prior to construction activities.

The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

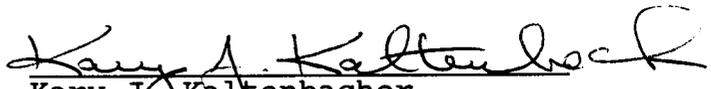
Self-Certification Statement:

Please be advised that Wildrose Resources Corporation is considered to be the operator of Harbourtown Federal Well No. 21-33, NE/4 NW/4 of Section 33, Township 8 South, Range 17 East; Lease Number U-71368; Duchesne County, Utah; and is responsible for the operations conducted upon the leased lands. Bond coverage is provided by Statewide Oil and Gas Bond No. 229352, Allied Mutual Insurance Company, approved by the BLM effective October 26, 1987.

Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that 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 Wildrose Resources Corporation 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.

Date June 30, 1997


Kary J. Kaltenbacher
Vice President

Onsite Date: June 26, 1997

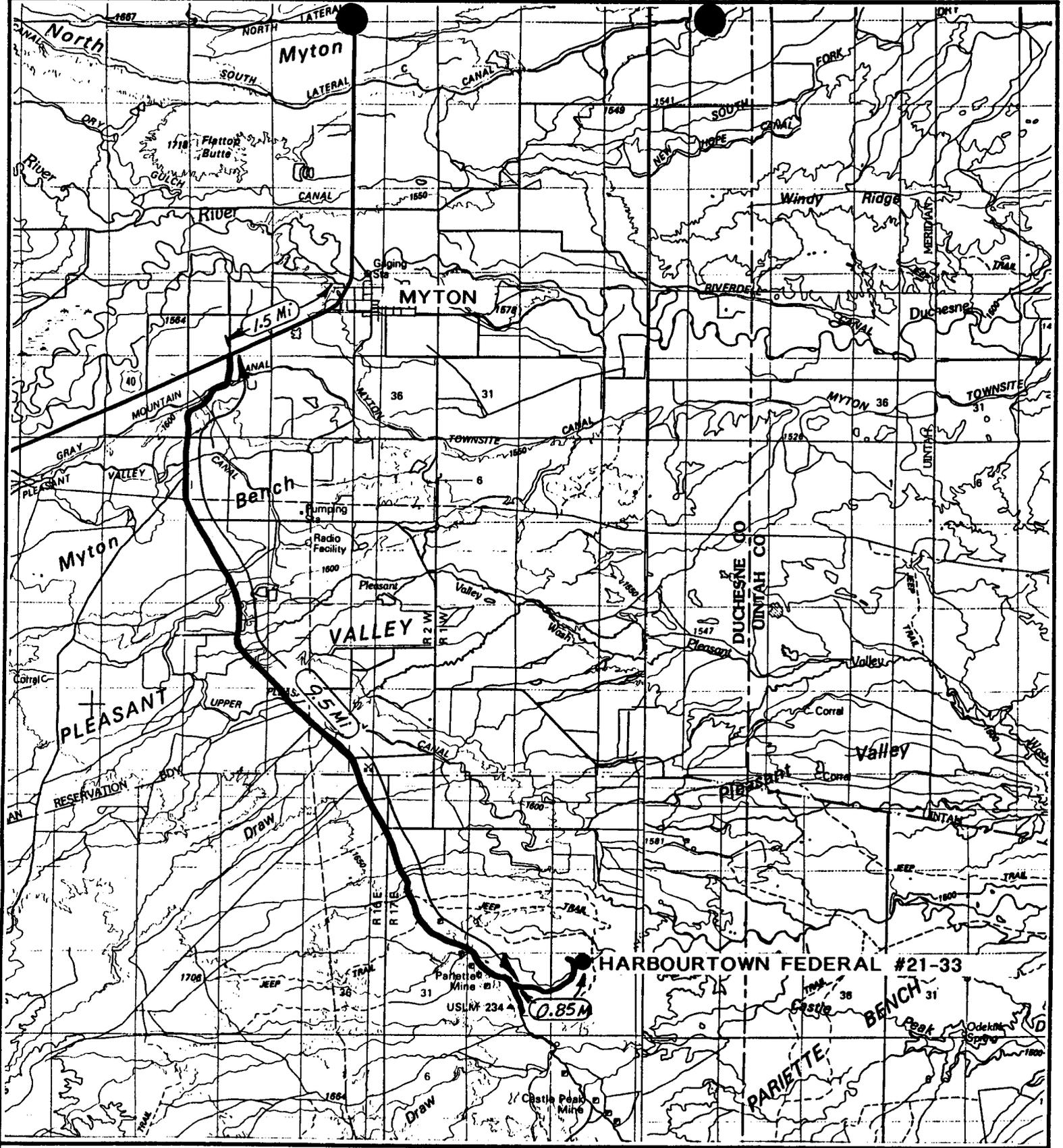
Participants on Joint Inspection

Kary J. Kaltenbacher
Stan Olmstead

Wildrose Resources Corporation
BLM

CONFIDENTIAL STATEMENT

WILDROSE RESOURCES CORPORATION, AS OPERATOR, REQUESTS THAT ALL INFORMATION RELATED TO THIS WELL BE HELD TIGHT FOR THE MAXIMUM PERIOD ALLOWED BY FEDERAL AND STATE REGULATIONS.



TOPOGRAPHIC
MAP "A"

Exhibit 'E-1'

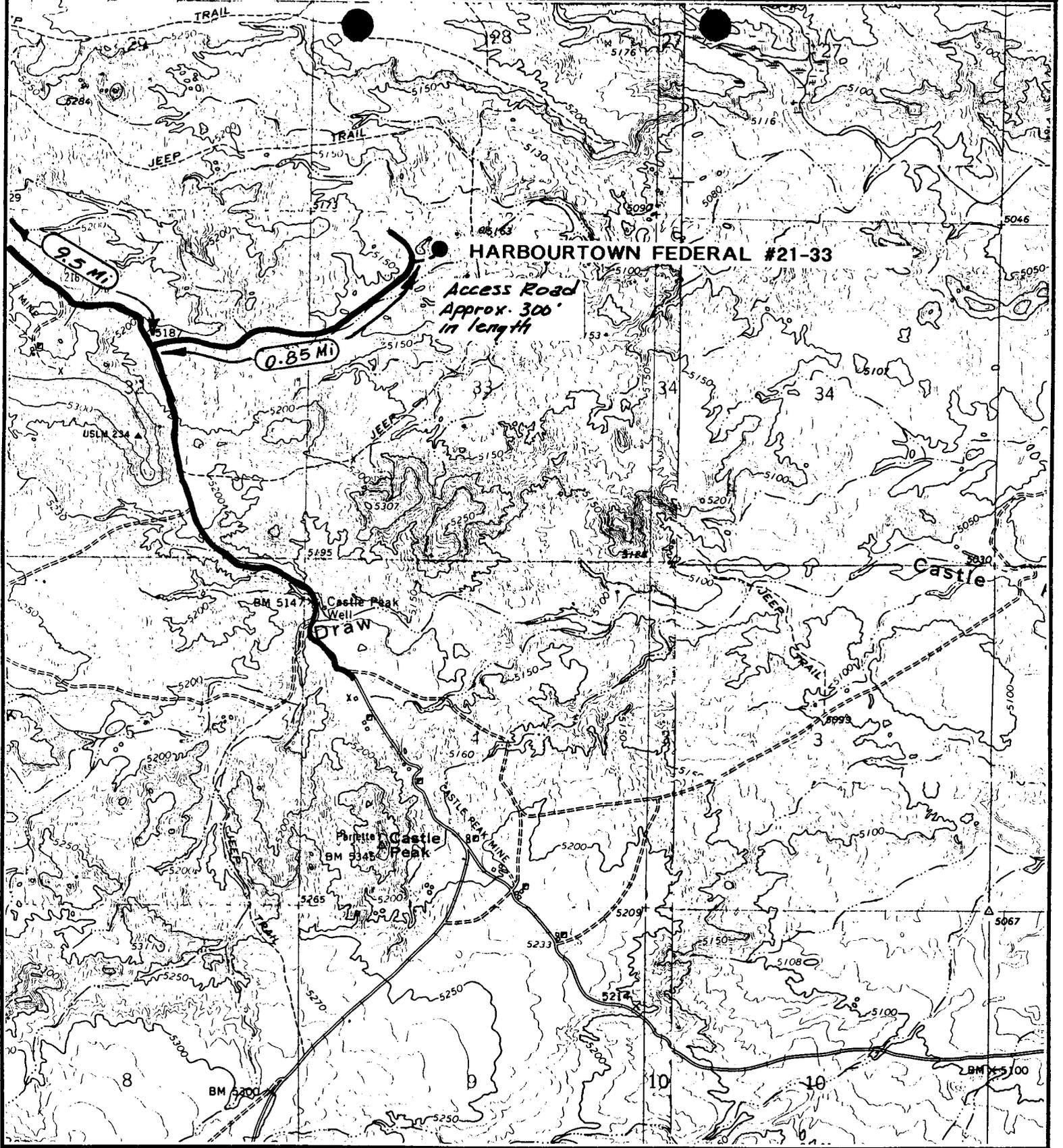


WILDROSE RESOURCES CORP.

HARBOURTOWN FEDERAL #21-33
SECTION 33, T8S, R17E, S.L.B.&M.

6 June '97

83-123-033



HARBOURTOWN FEDERAL #21-33

*Access Road
Approx. 300'
in length*

0.85 MI

0.5 MI

Castle Peak
Well
Draw

Perfetto Castle
Peak

Castle

CASTLE PEAK MINE

TOPOGRAPHIC
MAP "B"
SCALE: 1"=2000'

Exhibit 'E-2'



WILDROSE RESOURCES CORP.

HARBOURTOWN FEDERAL #21-33
SECTION 33, T8S, R17E, S.L.B.&M.

6 June '97

83-123-033

PROPOSED PRODUCTION FACILITY DIAGRAM

VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	OPEN
VALVE #4	OPEN	CLOSED
VALVE #5	CLOSED	CLOSED
VALVE #6	CLOSED	CLOSED
VALVE #7	CLOSED	OPEN

DIKE

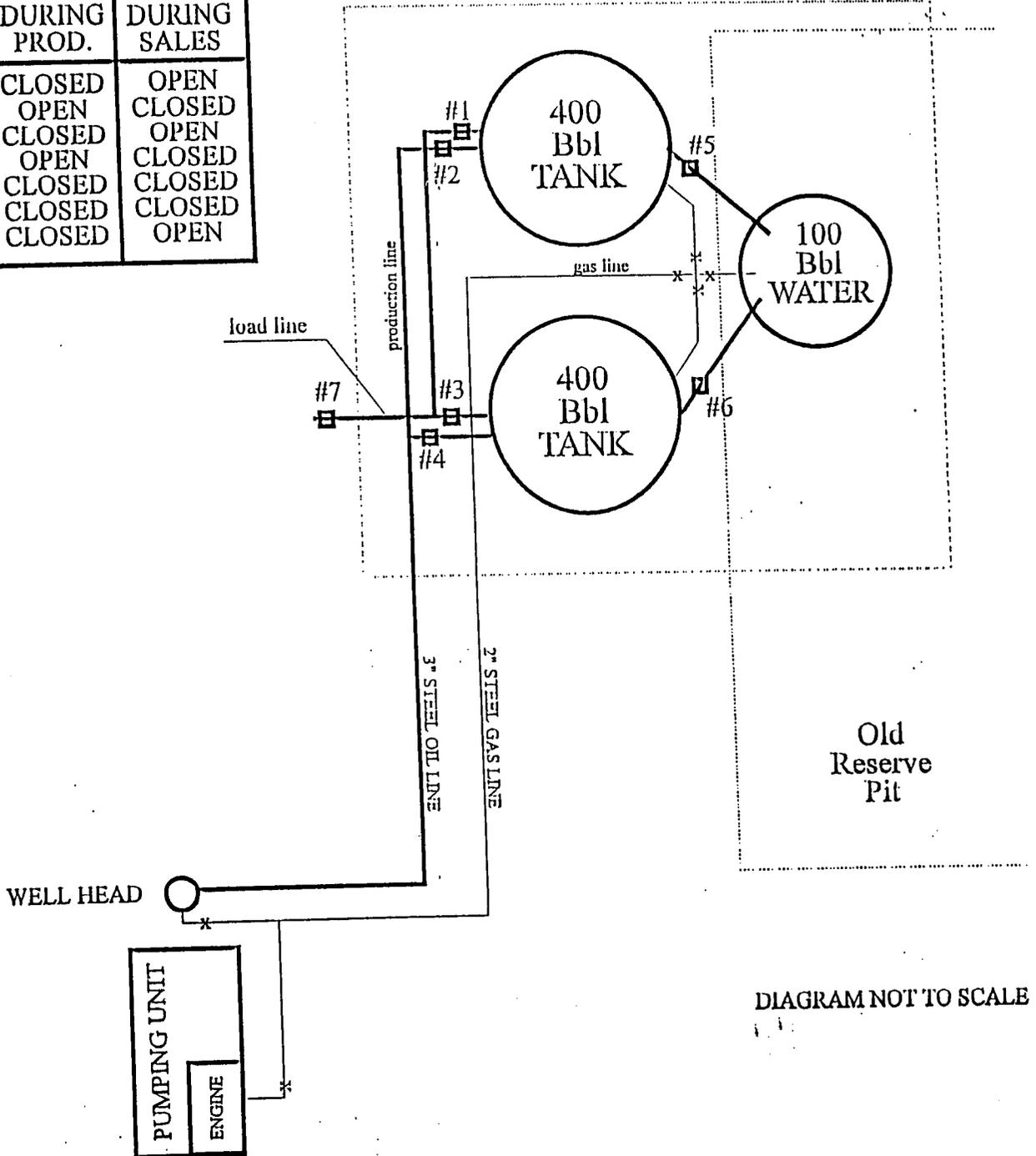


Exhibit 'F'

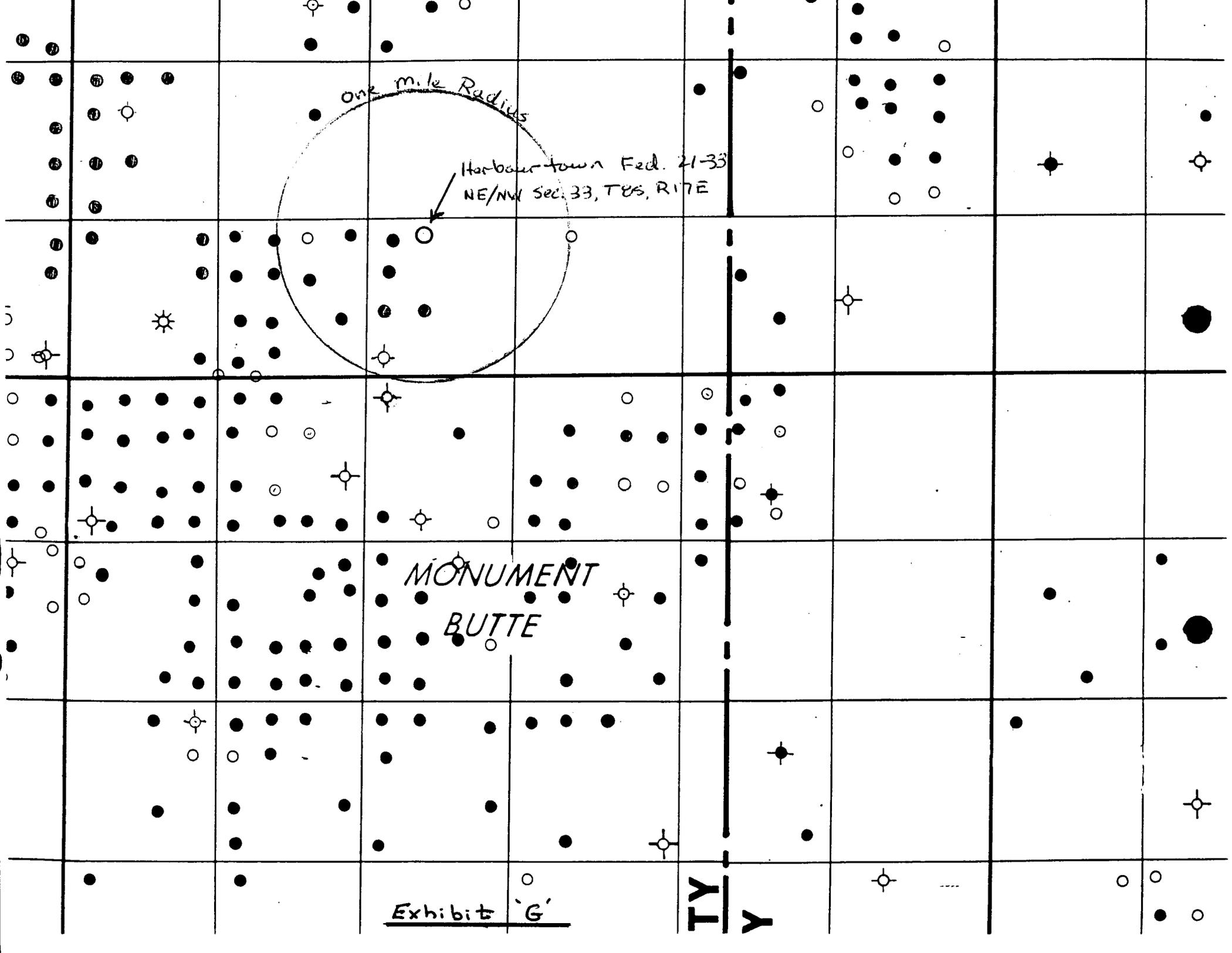
One mile Radius

Harbourtown Fed. 21-33
NE/NW Sec. 33, T8S, R17E

MONUMENT
BUTTE

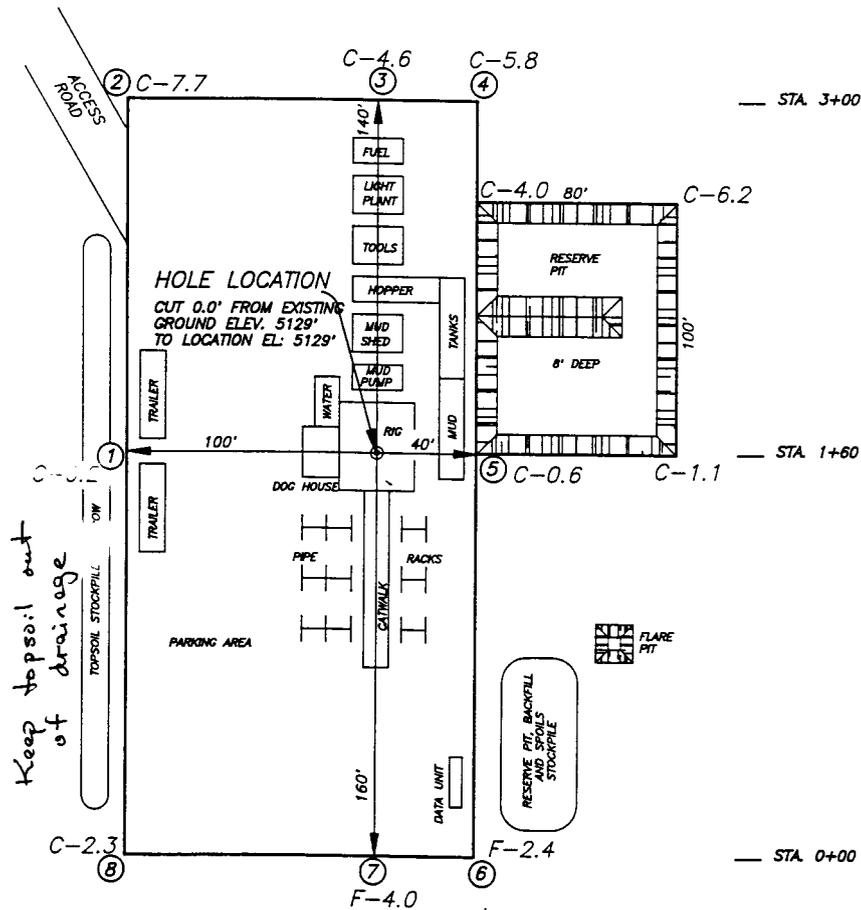
Exhibit 'G'

TY
Y

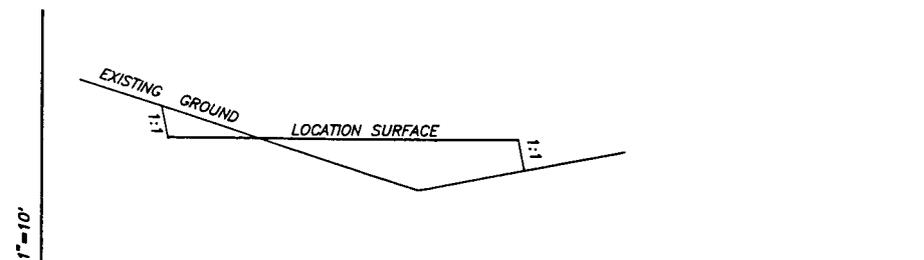
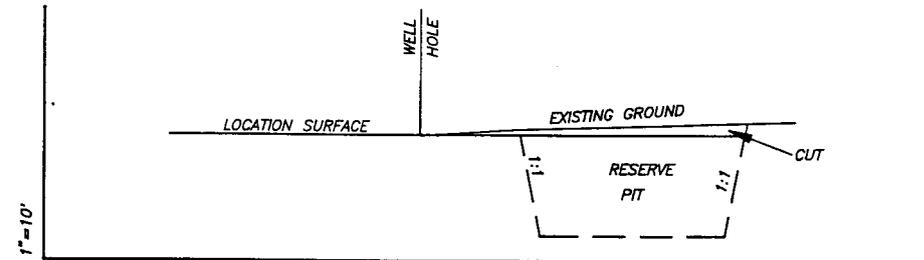
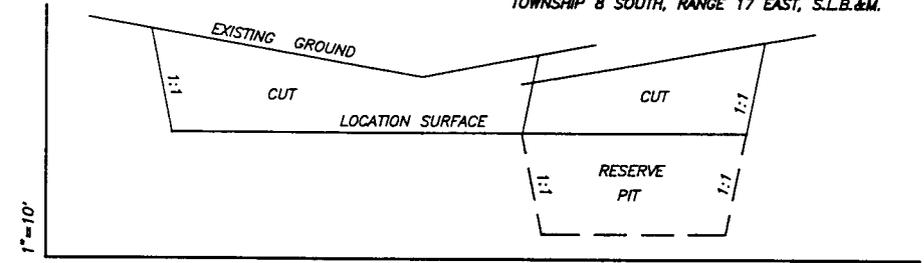


WILDROSE RESOURCES CORP.
WELL LAYOUT PLAT
HARBOURTOWN FEDERAL #21-33

LOCATED IN THE NE1/4 OF THE NW1/4 OF SECTION 33,
TOWNSHIP 8 SOUTH, RANGE 17 EAST, S.L.B.&M.



Keep topsoil out of drainage



APPROXIMATE QUANTITIES
CUT: 5500 CU. YDS. (INCLUDES PIT)
FILL: 1000 CU. YDS.

5 JUNE 1997 83-123-033

Exhibit 'H'

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
121 NORTH CENTER STREET
P.O. BOX 975
DUCHESTER, UTAH 84021
(801) 738-5352

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 07/02/97

API NO. ASSIGNED: 43-013-31914

WELL NAME: HARBOURTOWN FEDERAL 21-33
 OPERATOR: WILDROSE RESOURCES (N9660)

PROPOSED LOCATION:
 NENW 33 - T08S - R17E
 SURFACE: 0513-FNL-1938-FWL
 BOTTOM: 0513-FNL-1938-FWL
 DUCHESNE COUNTY
 MONUMENT BUTTE FIELD (105)

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: FED
 LEASE NUMBER: U - 71368

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

Plat

Bond: Federal State Fee
 (Number 229352)

Potash (Y/N)

Oil shale (Y/N)

Water permit
 (Number CITY OF MYTON)

RDCC Review (Y/N)
 (Date: _____)

LOCATION AND SITING:

___ R649-2-3. Unit: _____

R649-3-2. General.

___ R649-3-3. Exception.

___ Drilling Unit.
 Board Cause no: _____
 Date: _____

COMMENTS: _____

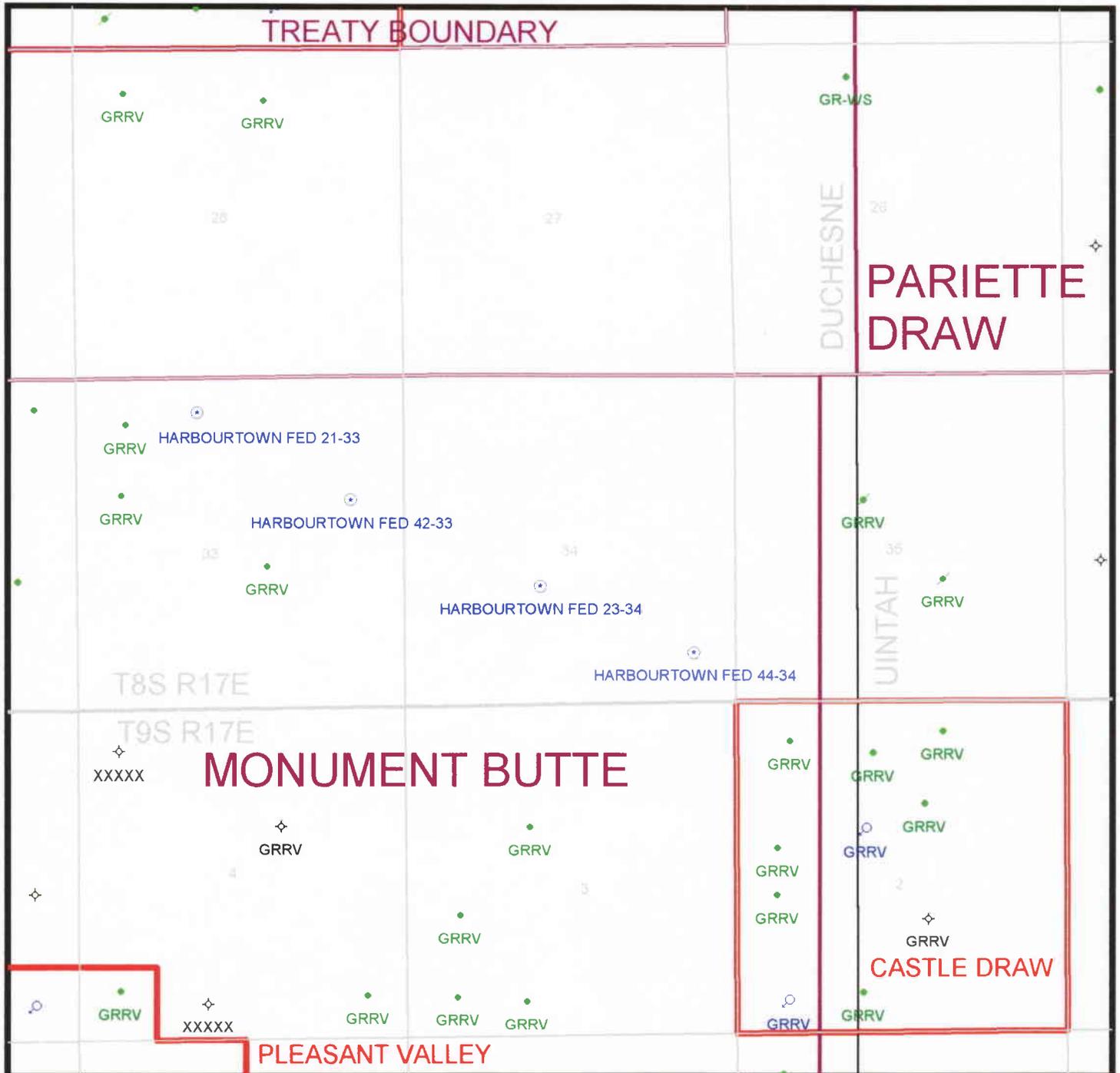
STIPULATIONS: _____

OPERATOR: WILDROSE (N9660)

FIELD: MONUMENT BUTTE (105)

SEC, TWP, RNG: SEC. 33&34, T8S, R17E

COUNTY: DUCHESNE UAC: R649-3-2



PREPARED:
DATE: 8-JULY-97



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

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

August 6, 1997

Wildrose Resources Corporation
4949 South Albion Street
Littleton, Colorado 80121

Re: Harbourtown Federal 21-33 Well, 513' FNL, 1938' FWL, NE NW,
Sec. 33, T. 8 S., R. 17 E., Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31914.

Sincerely,

A handwritten signature in cursive script that reads "John R. Baza".

John R. Baza
Associate Director

lwp

Enclosures

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

Operator: Wildrose Resources Corporation
Well Name & Number: Harbourtown Federal 21-33
API Number: 43-013-31914
Lease: U-71368
Location: NE NW Sec. 33 T. 8 S. R. 17 E.

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 following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact John R. Baza (801)538-5334.

3. Reporting Requirements

All required reports, forms and submittals shall 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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.
U-71368

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Harbourtown Federal

9. WELL NO.
21-33

10. FIELD AND POOL, OR WILDCAT
Monument Butte

11. SEC., T., E., M., OR BLK.
AND SURVEY OR AREA
Section 33, T8S, R17E

12. COUNTY OR PARISH | 13. STATE
Duchesne | Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Wildrose Resources Corporation PH: 303-770-6566

3. ADDRESS OF OPERATOR
4949 South Albion Street, Littleton, CO 80121

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 513' FNL & 1938' FWL (NE $\frac{1}{4}$ NW $\frac{1}{4}$)
At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
10 miles SE of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 513'

16. NO. OF ACRES IN LEASE 200

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. 2880'

19. PROPOSED DEPTH 6200'

20. ROTARY OR CABLE TOOLS Rotary

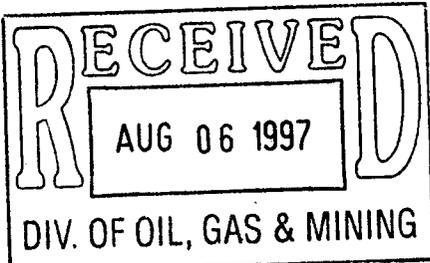
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5129' GR

22. APPROX. DATE WORK WILL START* August 15, 1997

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#, J-55	300'	225 sx
7-7/8"	5-1/2"	15.5#, J-55	6200'	800 sx

- SEE ATTACHED EXHIBITS:
- A - Surveyors Plat
 - B - 10 Point Plan
 - C - BOP Diagram
 - D - 13 Point Surface Use Program
 - E - Access Road Map
 - F - Production Facilities
 - G - Existing Wells Map
 - H - Pit & Pad Layout, Cuts & Fills Cross Sections, Rig Layout



RECEIVED
JUL 02 1997

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 [Signature] TITLE Vice President DATE June 30, 1997

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] TITLE Assistant Field Manager DATE AUG 04 1997

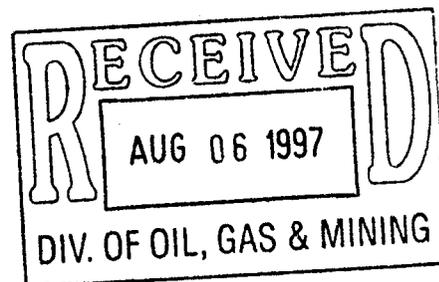
CONDITIONS OF APPROVAL IF ANY:

OFFICE OF APPROVAL _____

CONFIDENTIAL - INFORMATION NOT TO BE RELEASED

*See Instructions On Reverse Side

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL



Company/Operator: Wildrose Resources Corporation

Well Name & Number: Harbourtown Fed. 21-33

API Number: 43-013-31914

Lease Number: U-71368

Location: NENW Sec. 33 T. 08S R. 17E

NOTIFICATION REQUIREMENTS

- Location Construction - at least forty-eight (48) hours prior to construction of location and access roads.
- Location Completion - prior to moving on the drilling rig.
- Spud Notice - at least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing - at least twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and Related Equipment Tests - at least twenty-four (24) hours prior to initiating pressure tests.
- First Production Notice - within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

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.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

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. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report **ALL** water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **2M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

If conductor pipe is set it shall be cemented to surface. If drive pipe is used it shall be pulled prior to cementing surface casing.

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected via the cementing program. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to **Top Of Cement** and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. **One** copy of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours **prior** to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne P. Bankert (801) 789-4170
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

Jerry Kenczka (801) 789-1190
Petroleum Engineer

BLM Fax Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM

Location Reclamation

The reserve pit and those portions of the location not needed for production facilities and/or operations shall be reclaimed and recontoured in accordance with the APD.

Stockpiled topsoil shall then be spread over the rehabilitated areas to approximate the original topsoil thickness.

Immediately after spreading, the rehabilitated areas and the remaining topsoil stockpile shall be seeded by drilling with the following seed mixture:

Nuttals saltbush	<i>Atriplex nuttallii</i> v. <i>cuneata</i>	3 lbs/acre
Shadscale	<i>Atriplex confertifolia</i>	3 lbs/acre
Fourwing saltbush	<i>Atriplex canescens</i>	4 lbs/acre
Galleta	<i>Haliaria jamesii</i>	2 lbs/acre

If the seed mixture is to be aurally broadcasted, the pounds per acre shall be doubled. All seed poundages are in Pure Live Seed.

Upon final abandonment if additional recontouring is needed for these areas, the topsoil shall be removed prior to the final recontouring.

Recontour all disturbed areas to blend in appearance with the surrounding terrain.

All topsoil shall be spread over the recontoured surface.

Contact the authorized officer for the BLM at the time of final abandonment for the current, required seed mixture.

DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

SPUDDING INFORMATION

Name of Company: WILDROSE RESOURCES

Well Name: HARBOR TOWN FEDERAL 21-33

Api No. 43-013-31914

Section 33 Township 8S Range 17E County DUCHESNE

Drilling Contractor UNION

Rig # 7

SPUDDED:

Date 3/2/98

Time 12:30 PM

How ROTARY

Drilling will commence _____

Reported by CARY KALTENBACHER

Telephone # _____

Date: 3/3/98 Signed: JLT

✓

OPERATOR Wildrose Resources Corp
ADDRESS 4949 S. Albion St.
Littleton, CO 80121

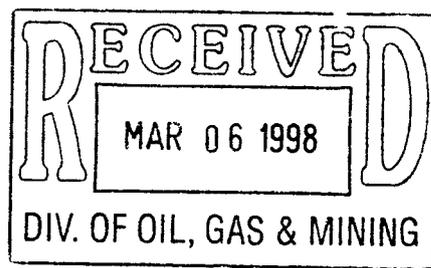
OPERATOR ACCT. NO. N 9660

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12304	4301331914	Harbourtown Fed. #21-33	NE/NW	33	8S	17E	Duchesne	3/2/98	
WELL 1 COMMENTS: Entity added 3-10-98. Lec											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

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

NOTE: Use COMMENT section to explain why each Action Code was selected.
(3/89)



Kary K. Kuttelach
Signature
V. P.
Title
3/3/98
Date
Phone No. (303) 770-6566

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

Rec'd 5/7/98

5. LEASE DESIGNATION AND SERIAL NO.

U-76955

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Harbourtown Fed.

9. WELL NO.

21-33

10. FIELD AND POOL, OR WILDCAT

Monument Butte

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

Sec. 33, T8S, R17E

12. COUNTY OR PARISH

Duchesne Utah

13. STATE

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR

Wildrose Resources Corp.

3. ADDRESS OF OPERATOR

4949 S. Albion St, Littleton, CO 80121

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

At surface 513' FNL & 1938' FWL (NE/NW)

At top prod. interval reported below Same

At total depth Same

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14. PERMIT NO. 43-013-31914 DATE ISSUED

15. DATE SPUNDED 3/2/98 16. DATE T.D. REACHED 3/7/98 17. DATE COMPL. (Ready to prod.) 4/4/98 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5129' GR 19. ELEV. CASINGHEAD 5129'

20. TOTAL DEPTH, MD & TVD 5950' 21. PLUG, BACK T.D., MD & TVD 5864' 22. IF MULTIPLE COMPL., HOW MANY* - 23. INTERVALS DRILLED BY ROTARY TOOLS 0'-TD CABLE TOOLS No

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5020' - 5732' Green River 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DLL, SDL=DSN, CBL 3-8-98 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT POLISHED
8 5/8"	24	299	12 1/4	200 SX (to surface)	-
5 1/2"	15.5	5909	7 7/8	510 SX	-

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2 7/8	5737	-

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	HOLES	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5688-5692	(16 holes)	5105-5112	(14 holes)
5711-5714	(12 holes)	5688'-5732'	426 BW & 70,500 # 20/40
5720-5724	(16 holes)	5334'-5341'	305 BW & 40,700 # 20/40
5730-5732	(8 holes)	5020'-5112'	532 BW & 100,000 # 20/40
5334-5341	(28 holes)		(Used x-link gelled water)

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
4/5/98	Pumping - beam	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4/13/98	24	-	→	74	40	0	540
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
-	350	→	74	40	0	31°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel, vented (to be sold) TEST WITNESSED BY E. Wilcken

35. LIST OF ATTACHMENTS Logs, Daily Reports

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

SIGNED Kary Kattenbeck TITLE V.P. DATE 5/5/98

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

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Green River	1593'	1593'
				Douglas Creek	4835'	4835'
				Limestone marker	5678'	5678'
			CONFIDENTIAL	CONFIDENTIAL		

DAILY COMPLETION REPORT

Operator: Wildrose Resources Corporation
 Well: #21-33 Harbourtown Federal
 NE NW (513' FNL, 1938' FWL)
 Duchesne County, Utah
 TD - 5928', PBDT - 5860'
 Elevation: GR: 5129', KB: 5139'
 Contractor: Colorado Well Service #6

03/14/98 RU Halliburton wireline truck w/ mast. Ran CBL from 5828'-4000' & 1500' to 950'. Found cement top @ 1350'. RD Halliburton.

03/15/98 Day 1: PBDT-5828'. MI & RU Colorado Well Service #6. Unloaded 193 jts of 2 7/8" tbg. NUBOP's. Ran 4 3/4" bit & 5 1/2" casing scraper on 185 jts tbg to 5760'. SIFN.

03/16/98 SDF Sunday.

03/17/98 Day 2: PBDT-5860'. PU 4 jts tbg. Tagged @ 5860'. Circulated bottoms up till clean w/ 60 bbl 2% KCl water. RU to swab. Swabbed FL down to 4800' (15 runs). POH w/ tbg. RU Halliburton wireline. Perforated Lower Douglas Creek: 5688'-92' (4'), 5711'-14' (3'), 5720'-24' (4'), 5730'-32' (2') w/ 4 JSPF using 4" csg gun (52 holes). RD Halliburton. Run NC & SN on 182 jts tbg to 5660'. RU to swab. FL @ 5100'. 1st run - recovered 3 BLW w/ 1-2% oil cut. 2nd run - FL @ 5200' - recovered 2 BLW. SIFN.

03/18/98 Day 3: TP=0, CP=10 psi. Made 2 swab runs. 1st run - FL @ 5300'. Recovered 1 BLW w/ 1% oil. 2nd run FL @ 5400' - no recovery. POH w/ tbg. RU HOWCO to frac down 5 1/2" csg as follows:

<u>VOLUME</u>	<u>EVENT</u>	<u>RATE</u>	<u>AVERAGE TREATMENT PRESSURE</u>
100 gal	Parachek 160	-	-
2300 gal	Pad - 25# DeltaGel	21 BPM	fill csg
1000 gal	1-6 ppg 20/40 (25# DG)	21 BPM	fill csg
5700 gal	6-8 ppg 20/40 (25# DG)	25 BPM	1500 psi
3046 gal	8-10 ppg 20/40 (25# DG)	25 BPM	1200 psi
5856 gal	Flush - 10# gel w/ Clayfix	26 BPM	1500 psi

Zone broke @ 3685 psi @ 4400 gal. Frac Volumes: 426 BW, 70,500# 20/40 sand. ISIP=1508 psi. Flowed back immediately. Flowed back 110 BLW in 2 1/2 hrs. CP=0. SIFN. 316 BLWTR.

03/19/98 Day 4: CP=175 psi @ 7 AM 3/18/98. Blew down csg in 1 min. Ran NC & SN on 180 jts tbg to 5625'. Circulated for 45 min - no sand. POH w/ tbg. Ran an Arrow Model 'TS' BP on 174 jts tbg. Set BP @ 5405'. Pulled 1 std. EOT @ 5343'. Pressure tested BP to 3500 psi. RU to swab. Swabbed 102 BLW. FL @ 4800'. POH w/ tbg. SIFN. 214 BLWTR.

03/20/98 Day 5: RU Halliburton Wireline. Placed 1 sack 20/40 sand on BP using bailer. Perforated 'Terra Cotta' sandstone : 5334'-41' (7') w/ 4 JSPF (28 holes) using 4" csg gun. RD Halliburton. Ran NC & SN on 171 jts tbg to 5315'. RU to swab. Made 4 runs - recovered 3 BLW w/ trace of oil on each run. IFL - 4800'. FFL - 5100'. POH w/tbg. RU Howco to frac down 5 1/2 " csg as follows:

<u>VOLUME</u>	<u>EVENT</u>	<u>RATE</u>	<u>AVERAGE TREATMENT PRESSURE</u>
100 gal	Parachek 160	-	-
1500 gal	Pad - 25# DeltaGel	20 BPM	Fill csg
1000 gal	1-6 ppg 20/40 (25# DG)	20 BPM	Fill csg
3000 gal	6-8 ppg 20/40 (25# DG)	20 BPM	1850 psi
1871 gal	8-10 ppg 20/40 (25# DG)	20 BPM	1600 psi
5416 gal	Flush - 10# gel w/Clayfix	20 BPM	1970 psi

Zone broke @ 3263' psi. Frac volumes: 305 BW, 40,700# 20/40 sand. ISIP=2107 psi. Flowed back immediately. Flowed 53 BLW in 3 hrs. CP=0. SIFN. 252 BLWTR - Zone #2.

DAILY COMPLETION REPORT

Operator: Wildrose Resources Corporation
Well: #21-33 Harbourton Federal
T 8 S, R 17 E, NE NW
Duchesne County, Utah

03/21/98 Day 6: CP=0, Ran BP retrieving tool on 165 jts tbg. Tagged sand @ 5126'. Circulated out sand to BP @ 5405' w/ 9 jts tbg. Circulated clean. Released BP. Pulled 3 stds tbg. Set BP @ 5220'. Pulled 1 std tbg to 5158'. Pressure tested BP to 3500 psi - OK. RU to swab. Swabbed FL down to 4500' - recovered 95 BLW. POH w/ tbg. SIFN. 368 BLWTR - Zones 1 & 2.

03/22/98 Day 7: RU Halliburton Wireline. Placed 1 sack 20/40 sand on BP using dump bailer. Perforated 'Blue' sandstone: 5105'-12' (7') w/ 2 JSPF (14 holes) and "Turquoise" sandstone: 5020'-31; (11') w/ 2 JSPF (22 holes) using 4" csg gun. RD Halliburton. Ran an Arrow Model 'HD' packer on 160 jts tbg. Packer @ 4973'. SIFN.

03/23/98 Day 8: Slight blow on tbg. Ran 3 jts tbg. Packer @ 5070'. RU Halliburton pump truck. Pumped down tbg 68 bbl wtr, 24 bbl hot water w/ 2 g/m Clayfix & 1 g/m NEA-96 & 18 BW w/ 2 g/m Clayfix. Circulated out a small amount of oil & gas. Set packer. Broke down 'Blue' sandstone down tbg w/ 5 1/2 BW. Zone broke @ 2245 psi @ 1 BPM. Increased rate to 3.5 BPM @ 1785 psi. Shut down. ISIP - 1342 psi. Broke down 'Turquoise' sandstone down csg w/ 5 1/2 BW. Zone broke @ 1777 psi @ 2 BPM. Increased rate to 3.6 BPM @ 980 psi. Shut down. ISIP=635 psi. RD Halliburton. Released packer. Pulled 3 jts tbg. Packer @ 4973'. RU to swab. 121 BLWTR from Blue & Turquoise zones. FL @ surface. Swabbed back 102 BLW - getting approximately 1-2% oil cut after 60 bbls swabbed. FL @ 4700'. SIFN. 19 BLWTR (Blue & Turquoise zones).

03/24/98 Day 9: CP=100, TP=50 @ 7 AM 3/23/98. Made 1 swab run. FL @ 4300'. Recovered 3 BF - 100% oil. POH w/ packer. RU HOWCO to frac down 5 1/2 " csg as follows:

<u>VOLUME</u>	<u>EVENT</u>	<u>RATE</u>	<u>AVERAGE TREATMENT PRESSURE</u>
150 gal	Parachek 160	-	-
3500 gal	Pad - 25# DeltaGel	20 BPM	Fill csg
1000 gal	1-6 ppg 20/40 (25# DG)	20 BPM	1600 psi
8000 gal	6-8 ppg 20/40 (25# DG)	30 BPM	1730 psi
4616 gal	8-10 ppg 20/40 (25# DG)	30 BPM	1880 psi
4978 gal	Flush - 10# gel w/Clayfix	30 BPM	2450 psi

Frac volumes: 532 BW, 100,000# 20/40 sand. ISIP=2639 psi. Flowed back immediately. Flowed back 90 BLW in 2 hrs. CP=0. SIFN. 461 BLWTR (Turquoise & Blue sandstones).

03/25/98 Day 10: CP=0 @ 7 AM 3/24/98. Ran BP retrieving tool on 157 jts tbg. Tagged sand @ 4885'. Circulated out sand to BP using 11 jts tbg. Circulated clean. Lost approx 40 BLW while circulating. Released BP. POH. Ran NC & SN on 181 jts tbg. Tagged sand @ 5640'. Circulated out sand to 5850' using 7 jts tbg. Circulated clean. Lost approx 40 BLW while circulating. Pulled 15 stds tbg. SN @ 4910'. RU to swab. 919 BLWTR. FL @ 400' on last run. SIFN. 904 BLWTR.

03/26/98 Day 11: CP=0, TP=0 @ 7 AM 3/25/98. FL @ 600'. Swabbed 235 BF (est 40 BO # 195 BLW) in 7 1/2 hrs. Final F: @ 1900'. Final oil cut est @ 40-50%. SIFN. 709 BLWTR.

03/27/98 Day 12: TP=125, CP=100 @ 7 AM 3/26/98. FL @ 600'. Swabbed 100 BF (est 60 BO & 40 BLW) in 3 hrs. Final FL @ 2400' w/ est oil cut of 65%. Ran 15 stds tbg to 5850' - no tag. Layed down 4 jts tbg. POH w/ tbg. Ran 1 jt tbg, 6' perforated sub, SN, 25 jts tbg, tbg anchor, 156 jts tbg. Stripped off BOP. Set anchor w/ 10,000# tension. EOT @ 5737', SN @ 5700', anchor @ 4916'. RU to run rods. SIFN. 669 BLWTR.

DAILY COMPLETION REPORT

Operator: Wildrose Resources Corporation
Well: #21-33 Harbourton Federal
T 8 S, R 17 E, NE NW
Duchesne County, Utah

page 3

03/28/98 Day 13: TP=25, CP=50 @ 7 AM 3/27/98. Flushed tbg w/ 30 bbl hot load water. Ran 2 1/2" X 1 1/2" X 16' RHAC pump, 150 - 3/4" rods, 76 - 7/8" rods, 1 - 6' X 7/8", 1 - 4' X 7/8" pony rods & 1 - 1 1/2" X 22' polished rod. Filled tbg w/ 6 BLW. Pressure tested pump to 800 psi. Released pressure to 300 psi. Long stroked pump up to 800 psi. Released pressure. Clamped rods off. RD & MO completion rig. Now WO production equipment.

03/29-04/04/98 Set production equipment. Start up pumping unit @ 6:00 PM 4/4/98. 5.1 SPM, 74" stroke.

04/05/98 Pumped 52 BF (est 10 BO & 42 BLW) in 15 hrs. CP=210 psi.

04/06/98 Pumped 68 BO & 16 BLW in 24 hrs. CP=320 psi. 617 BLWTR.

04/07/98 Pumped 58 BO & 18 BLW. CP=450 psi. 599 BLWTR.

04/08/98 Pumped 62 BO & 8 BLW. CP=450. 591 BLWTR.

04/09/98 Pumped 54 BO & 10 BLW. CP=450. 581 BLWTR.

04/10/98 Pumped 34 BO & 10 BLW. CP=600. Back pressure valve is freezing off every night causing high casing pressure.

04/11/98 Pumped 47 BO & 3 BLW. CP=450. 568 BLWTR.

04/12/98 Pumped 52 BO & 10 BLW. CP=350. 558 BLWTR.

04/13/98 Pumped 74 BO & 0 BLW. CP=350 psi.

04/14/98 Pumped 30 BO & 10 BLW in 12 hrs. Engine down - low oil level. CP=350 psi. 548 BLWTR.

04/15/98 Pumped 12 BO & 0 BLW in 4 hrs. Shut unit down - horses head mounting bracket broke.

04/16/98 Repair horses head. Pumped 60 BO in 20 hrs. CP=350 psi. Pumped 63 BO & 5 BLW. CP=400 psi. 543 BLWTR.

DROP FROM REPORT.

DAILY DRILLING REPORT

Operator: Wildrose Resources Corporation
Well: #21-33 Harbourtown Federal
T 8 S, R 17 E, Section 33
NE NW (513' FNL, 1938' FWL), U-71368
Duchesne County, Utah
Projected TD - 5950'
Elevation: GR: 5129', KB: 5139' estimated
Contractor: Union Drilling Rig #7

03/03/98 Day 1: TD-318'. WOC. MI & RU Union Drilling Rig #7. Drld 17 1/2" hole to 15'. Set 15' 13 3/8" conductor pipe. Drld 12 1/4" hole to 318' w/ Bit #2. Ran 7 jts (289') 8 5/8", 24#, J-55 csg w/ guide shoe, insert float, & 3 centralizers. Set csg @ 299' KB. RU HOWCO. Pumped 5 BW & 20 bbl gel water. Cemented w/ 200 sx Class 'G' w/ 2% CaCl2 & 1/4 #/sk Flocele. Bumped plug @ 12:30 AM 3/3/98. Had good cement to surface.

03/04/98 Day 2: TD-1750' drlg. Drld 1432' in 12 1/4 hrs w/ air/foam. NUBOP's. Tested to 2000 psi, csg to 1500 psi. Ran Bit #3, 7 7/8" HTCGT28 @ 318'. Surveys: 1/4 @ 690', 1/2 @ 1200', 3/4 @ 1700'.

03/05/98 Day 3: TD-3638' drlg. Drld 1888' in 22 3/4 hrs w/ air/foam. Bit #3 has drld 3320. in 40 hrs. Surveys: 1 @ 2295', 1 1/4 @ 2752', 1 1/4 @ 3294'.

03/06/98 Day 4: TD-4345' drlg. Drld 707' in 12 hrs w/ 2% KCl substitute. Pulled Bit #3 @ 3821'. Bit #3 drld 3503' in 42 1/2 hrs. Ran Bit #4: 7 7/8" NT3M @ 3821'. Bit # 4 has drld 524' in 9 1/2 hrs. Survey: 1 1/2 @ 4150'.

03/07/98 Day 5: TD-5383' drlg. Drld 1038' in 22 1/2 hrs w/ 2% KCl substitute. Bit #4 has drld 1562' in 32 hrs. Surveys: 1 1/4 @ 4652', 1 1/4 @ 5152'.

03/08/98 Day 6: TD-5950' logging. Drld 567' in 13 1/4 hrs w/ 2% KCl substitute. Reached TD @ 8:45 PM 3/7/98. Pulled Bit #4 @ 5950'. Bit #4 drld 2129' in 45 1/4 hrs. Surveys: 1 @ 5685'. Logger's TD-5928'. Ran following logs using Halliburton:

DLL 5914' - 300'
SDL-DSN 5884' - 4000'

03/09/98 Day 7: TD-5950'. PBTD-5864'. WOC. Ran 5 1/2" csg as follows:

Guide shoe
1 joint 5 1/2". 15.5#, J-55, LTC
Float collar
137 jts 5 1/2", 15.5#, J-55, LTC

w/ 10 centralizers. Set csg @ 5909'. Circulated for 1/2 hr. RU HOWCO. Pmped 10 BW & 20 bbl gel water. Cemented w/ 130 sx Hi-fill cement & 380 sx 50/50 Poz w/ 2% gel, 10% salt, 0.5% Halad 322. Displaced w/ 140 bbl water @ 7-9 BPM. Bumped plug w/ 1700 psi. Plug down @ 2:40 PM 3/8/98. Float held. Pulled BOP's. Set slips. Released rig @ 5:00 PM 3/8/98. Drop from report pending completion.

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.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached Exhibit
2. NAME OF OPERATOR: Inland Production Company <i>N5160</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1401 17th St. #1000 CITY <i>Denver</i> STATE <i>Co</i> ZIP <i>80202</i>		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY: _____ QTR/CTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: <i>UTAH</i>		8. WELL NAME and NUMBER: See Attached Exhibit
PHONE NUMBER: <i>(303) 893-0102</i>		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT:

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" 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 FLARE
	<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/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<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.
Effective 4/15/04, Inland Production Company, as Contract Operator, will take over operations of the attached referenced wells. The previous operator was:

Wildrose Resources Corporation *N9660*
3121 Cherryridge Road
Englewood, Colorado 80110-6007

Effective 4/15/04, Inland Production Company, as Contract Operator, is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under BLM Bond No. UT0056 issued by Hartford.

Attached is a list of wells included.

Previous Operator Signature: _____ Title: _____

NAME (PLEASE PRINT) Marc MacAluso TITLE CEO, Wildrose Resources Corporation

SIGNATURE *[Signature]* DATE 4/15/04

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached Exhibit
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, re-enter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: Inland Production Company N5160		8. WELL NAME and NUMBER: See Attached Exhibit
3. ADDRESS OF OPERATOR: 1401 17th St. #1000 CITY Denver STATE Co ZIP 80202		9. API NUMBER:
PHONE NUMBER: (303) 893-0102		10. FIELD AND POOL OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY:		
QTR/QR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) <small>Approximate date work will start:</small>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) <small>Date of work completion:</small>	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
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	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
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	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

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Effective 4/15/04, Inland Production Company, as Contract Operator, is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under BLM Bond No. UT0056 issued by Hartford.

Attached is a list of wells included.

Current Contract Operator Signature:

Title:

NAME (PLEASE PRINT) Bill I. Pennington	TITLE President, Inland Production Company
SIGNATURE <i>Bill I. Pennington</i>	DATE 4/15/04

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EXHIBIT "A"
Attached to Sundry Notices

Wildrose Resources Corporation
and
Inland Production Company

N	4304731528	REX LAMB 34-1	WR	4932* GR	2118 FNL 2132 FEL	34	SWNE	040S	010E	UTA	FEE	OW
N	4304731892	REX LAMB 34-2	WR	4932* GR	2018 FNL 1068 FEL	34	SENE	040S	010E	UTA	FEE	OW
N	4301331914	HARBOURTOWN FED 21-33	WR	5128* GR	0813 FNL 1938 FWL	33	NENW	080S	170E	DU	U-71368	OW
N	4301331915	HARBOURTOWN FED 42-33	WR	5128* GR	1954 FNL 0851 FEL	33	SENE	080S	170E	DU	U-71368	OW
N	4301331916	HARBOURTOWN FED 23-34	WR	5088* GR	1943 FSL 2162 FWL	34	NESW	080S	170E	DU	U-71368	OW
N	4301331917	HARBOURTOWN FED 44-34	WR	5083* GL	0835 FSL 0500 FEL	34	SESE	080S	170E	DU	U-71368	OW
N	4304732080	FEDERAL #23-28	WR	4910* KB	2113 FSL 1844 FWL	26	NESW	080S	180E	UTA	U-36442	OW
N	4304732700	FEDERAL 24-26	WR	4913* GR	0660 FSL 1980 FWL	28	SESW	080S	180E	UTA	U-36442	OW
N	4304732720	FEDERAL 13-28	WR	4903* GR	2018 FSL 0832 FWL	28	NWSW	080S	180E	UTA	U-36442	OW
N	4304732731	FEDERAL 12-28	WR	4924* GR	2958 FSL 0470 FWL	28	SWNW	080S	180E	UTA	U-36442	GW
N	4304732847	FEDERAL 34-28	WR	4907* GR	0741 FSL 1957 FEL	26	SWSE	080S	180E	UTA	U-75532	OW
N	4304732732	FEDERAL 43-27	WR	4862* GR	1917 FSL 0559 FEL	27	NESE	080S	180E	UTA	U-36442	OW
N	4304732733	FEDERAL 14-28	WR	4902* GR	0860 FSL 0846 FWL	28	SWSW	080S	180E	UTA	U-51081	OW
N	4304732743	FEDERAL 13-28	WR	4955* GR	2007 FSL 0704 FWL	28	NWSW	080S	180E	UTA	U-36442	OW
N	4304731484	PARIETTE FED 10-29	WR	4890* GR	1843 FSL 2084 FEL	29	NWSE	080S	180E	UTA	U-51081	OW
N	4304731550	W PARIETTE FED 6-29	WR	4892* GR	1978 FNL 2141 FWL	29	SENW	080S	180E	UTA	U-36848	OW
N	4304732079	FEDERAL 44-29	WR	4993* KB	0660 FSL 0660 FEL	29	SESE	080S	180E	UTA	U-51081	OW
N	4304732701	FEDERAL 43-29	WR	4886* GR	1904 FSL 0710 FEL	29	NESE	080S	180E	UTA	U-51081	OW
N	4304732742	FEDERAL 34-29	WR	4917* GR	0712 FSL 1925 FEL	29	SWSE	080S	180E	UTA	U-51081	OW
N	4304732848	PARIETTE FED 32-29	WR	4870* GR	1942 FNL 1788 FEL	29	SWNE	080S	180E	UTA	U-36848	OW
N	4304731116	NGC ST 33-32	WR	4830* GR	1914 FSL 1911 FEL	32	NWSE	080S	180E	UTA	ML-22058	OW
N	4304732077	FEDERAL 12-34	WR	4848* KB	1871 FNL 0375 FWL	34	SWNW	080S	180E	UTA	U-51081	OW
N	4304732702	FEDERAL 42-35	WR	4815* GR	1955 FNL 0483 FEL	35	SENE	080S	180E	UTA	U-51081	OW
N	4304732721	FEDERAL 43-35	WR	4870* GR	2077 FSL 0896 FEL	35	NESE	080S	180E	UTA	U-49430	OW
N	4304731345	GULF STATE 36-13	WR	4831* GR	1850 FSL 0600 FWL	36	NWSW	080S	180E	UTA	ML-22067	OW
N	4304731350	GULF STATE 36-11	WR	4837* GR	0677 FNL 0796 FWL	36	NWNW	080S	180E	UTA	ML-22057	OW
N	4304731884	GULF STATE 36-12	WR	4882* GR	1778 FNL 0782 FWL	36	SWNW	080S	180E	UTA	ML-22057	OW
N	4304731892	GULF STATE 36-22	WR	4923* GR	1860 FNL 1980 FWL	36	SENW	080S	180E	UTA	ML-22057	OW
N	4304732580	UTD STATE 36-K	WR	4809* GR	2120 FSL 1945 FWL	36	NESW	080S	180E	UTA	ML-22057	OW
N	4304732581	UTD STATE 36-M	WR	4744* KB	0848 FSL 0648 FWL	36	SWSW	080S	180E	UTA	ML-22057	OW
N	4304731415	WILDROSE FEDERAL 31-1	WR	4871* GR	2051 FSL 0883 FWL	31	NWSW	080S	190E	UTA	U-30103	OW
N	4301330642	MONUMENT BUTTE 1-3	WR	5158* GR	1945 FSL 0816 FWL	03	NWSW	090S	170E	DU	U-44004	OW
N	4301330810	MONUMENT BUTTE 2-3	WR	5107* GR	1918 FNL 1979 FWL	03	SENW	090S	170E	DU	U-44004	OW
N	4301331780	PINEHURST FEDERAL 3-7	WR	5098* GR	2062 FNL 1999 FEL	03	SWNE	090S	170E	DU	81252	OW
N	4301331761	PINEHURST FEDERAL 3-8	WR	5030* GR	1980 FNL 0660 FEL	03	SENE	090S	170E	DU	61252	OW
N	4301331764	RIVIERA FEDERAL 3-11	WR	5123* GR	2050 FSL 2008 FWL	03	NESW	090S	170E	DU	U-44004	OW
N	4301332193	RIVIERA FED 3-9	WR	5030 GR	1922 FSL 0605 FEL	03	NESE	090S	170E	DU	U-44004	OW
N	4301332184	RIVIERA FED 3-10	WR	5108 GR	2100 FSL 2190 FEL	03	NWSE	090S	170E	DU	U-44004	OW
N	4301331023	FEDERAL 15-1-B	WR	5177* GR	0660 FNL 1983 FEL	15	NWNE	090S	170E	DU	U-44429	OW
N	4304732777	BIRKDALE FED 13-34	WR	5087* GR	1768 FSL 0615 FWL	34	NWSW	080S	180E	UTA	U-68618	OW

END OF EXHIBIT

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OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: 4/15/2004	
FROM: (Old Operator): N9660-Wildrose Resources Corporation 3121 Cherryridge Road Englewood, CO 80110-6007 Phone: 1-(303) 761-9965	TO: (New Operator): N5160-Inland Production Company 1401 17th St, Suite 1000 Denver, CO 80202 Phone: 1-(303) 893-0102

CA No.

Unit:

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
HARBOURTOWN FED 21-33	33	080S	170E	4301331914	✓ 12304	Federal	P	OW
HARBOURTOWN FED 42-33	33	080S	170E	4301331915	✓ 12310	Federal	P	OW
HARBOURTOWN FED 23-34	34	080S	170E	4301331916	✓ 12320	Federal	P	OW C
HARBOURTOWN FED 44-34	34	080S	170E	4301331917	✓ 12321	Federal	P	OW
FEDERAL #23-26	26	080S	180E	4304732080	✓ 11265	Federal	P	OW
FEDERAL 24-26	26	080S	180E	4304732700	✓ 11808	Federal	P	OW
FEDERAL 13-26	26	080S	180E	4304732720	✓ 11832	Federal	P	OW
FEDERAL 12-26	26	080S	180E	4304732731	✓ 11896	Federal	P	GW
FEDERAL 34-26	26	080S	180E	4304732847	✓ 12123	Federal	P	OW
FEDERAL 43-27	27	080S	180E	4304732732	✓ 11903	Federal	S	OW
FEDERAL 14-28	28	080S	180E	4304732733	✓ 11908	Federal	S	OW
FEDERAL 13-28	28	080S	180E	4304732743	✓ 11915	Federal	TA	OW
PARIETTE FED 10-29	29	080S	180E	4304731464	✓ 1428	Federal	P	OW
W PARIETTE FED 6-29	29	080S	180E	4304731550	✓ 9905	Federal	S	OW
FEDERAL 44-29	29	080S	180E	4304732079	✓ 11267	Federal	S	OW
FEDERAL 43-29	29	080S	180E	4304732701	✓ 11816	Federal	P	OW
FEDERAL 34-29	29	080S	180E	4304732742	✓ 11918	Federal	P	OW
PARIETTE FED 32-29	29	080S	180E	4304732848	✓ 12144	Federal	P	OW
FEDERAL 12-34	34	080S	180E	4304732077	✓ 11276	Federal	S	OW
FEDERAL 42-35	35	080S	180E	4304732702	✓ 11811	Federal	S	OW

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: 4/26/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on 4/26/2004
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 12/10/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
5. If **NO**, the operator was contacted on: _____

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

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: applied for

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: n/a

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: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 4/28/2004
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/28/2004
3. Bond information entered in RBDMS on: 4/28/2004
4. Fee wells attached to bond in RBDMS on: 4/28/2004
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: 4/28/2004

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: 4021509 Wildrose

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: n/a

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RN4471290

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: 4/28/2004

COMMENTS:



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal Field Office

170 South 500 East

Vernal, UT 84078

(435) 781-4400 Fax: (435) 781-4410
<http://www.blm.gov/utah/vernal>



IN REPLY REFER TO:

3162.3

UT08300

May 21, 2004

Bill I. Pennington
Inland Production Company
1401 17th Street, Suite 1000
Denver, Colorado 80202

Re: Well No. Harbourtown Fed. 21-33
NENW, Sec. 33, T8S, R17E
Duchesne County, Utah
Lease No. U-76955

Dear Mr. Pennington:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced well on the leased land.

Our records show that a right-of-way, UTU-74562, has been issued for the off lease portion of the road to the subject well. In order for Inland Production Company to obtain the Bureau of Land Management's approval for the use of this right-of-way, you must have this right-of-way assigned over to Inland Production Company. Please contact Cindy McKee at 435-781-4434 for instructions on how to complete the assignment of the right-of-way.

If you have any other questions concerning this matter, please contact Leslie Walker of this office at (435) 781-4497.

Sincerely,

Kirk Fleetwood
Petroleum Engineer

cc: UDOGM
Wildrose Resources Corp.

RECEIVED
MAY 27 2004
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

RECEIVED
APR 26 2004
By _____

1. Type of Well
 Oil Well Gas well Other

2. Name of Operator
 INLAND PRODUCTION COMPANY

3. Address and Telephone No.
 1401 17TH STREET, SUITE 1000, DENVER, CO 80202 (303)893-0102

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

5. Lease Designation and Serial No.
 See Attached Exhibit

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.
 See Attached Exhibit

9. API Well No.
 See Attached Exhibit

10. Field and Pool, or Exploratory Area

11. County or Parish, State
 Uintah Co., Utah

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"/> Abandonment
<input 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 <u>Change of Operator</u>
	<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)

Effective 4/15/04, Inland Production Company, as Contract Operator, will take over operations of the attached referenced wells. The previous operator was:

Wildrose Resources Corporation
 3121 Cherryridge Road
 Englewood, Colorado 80110-6007

Effective 4/15/04, Inland Production Company, as Contract Operator, is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under BLM Bond No. UT0056 issued by Hartford.

I hereby certify that the foregoing is true and correct. (Current Contract Operator)

Signed Bill I. Pennington Title President, Inland Production Company Date 4/15/04

(This space of Federal or State office use.)

Approved by Karl Fulwood Title Petroleum Engineer Date 5/20/04

Conditions of approval, if any:

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

EXHIBIT "A"
Attached to Sundry Notices

Wildrose Resources Corporation
and
Inland Production Company

Unit	API	Well	Comp.	Elev.	Loc.	S	1/4 1/4	Twp	Rng	Co.	Lease	Type
N	4304731528	REX LAMB 34-1	WR	4932* GR	2116 FNL 2132 FEL	34	SWNE	040S	010E	UTA	FEE	OW
N	4304731692	REX LAMB 34-2	WR	4932* GR	2018 FNL 1068 FEL	34	SENE	040S	010E	UTA	FEE	OW
N	4301331914	HARBOURTOWN FED 21-33	WR	5129* GR	0513 FNL 1938 FWL	33	NENW	080S	170E	DU	U-71368	OW
N	4301331915	HARBOURTOWN FED 42-33	WR	5128* GR	1954 FNL 0851 FEL	33	SENE	080S	170E	DU	U-71368	OW
N	4301331916	HARBOURTOWN FED 23-34	WR	5088* GR	1943 FSL 2162 FWL	34	NESW	080S	170E	DU	U-71368	OW
N	4301331917	HARBOURTOWN FED 44-34	WR	5063* GL	0835 FSL 0500 FWL	34	SESE	080S	170E	DU	U-71368	OW
N	4304732080	FEDERAL #23-26	WR	4910* KB	2113 FSL 1844 FWL	26	NESW	080S	180E	UTA	U-36442	OW
N	4304732700	FEDERAL 24-26	WR	4913* GR	0660 FSL 1980 FWL	26	SESW	080S	180E	UTA	U-36442	OW
N	4304732720	FEDERAL 13-26	WR	4905* GR	2018 FSL 0832 FWL	26	NWSW	080S	180E	UTA	U-36442	OW
N	4304732731	FEDERAL 12-26	WR	4924* GR	2956 FSL 0470 FWL	26	SWNW	080S	180E	UTA	U-36442	GW
N	4304732847	FEDERAL 34-26	WR	4907* GR	0741 FSL 1957 FEL	26	SWSE	080S	180E	UTA	U-75532	OW
N	4304732732	FEDERAL 43-27	WR	4862* GR	1917 FSL 0559 FEL	27	NESE	080S	180E	UTA	U-36442	OW
N	4304732733	FEDERAL 14-28	WR	4902* GR	0860 FSL 0846 FWL	28	SWSW	080S	180E	UTA	U-51081	OW
N	4304732743	FEDERAL 13-28	WR	4955* GR	2007 FSL 0704 FWL	28	NWSW	080S	180E	UTA	U-36442	OW
N	4304731464	PARIETTE FED 10-29	WR	4890* GR	1843 FSL 2084 FEL	29	NWSE	080S	180E	UTA	U-51081	OW
N	4304731550	W PARIETTE FED 6-29	WR	4892* GR	1978 FNL 2141 FWL	29	SENW	080S	180E	UTA	U-36846	OW
N	4304732079	FEDERAL 44-29	WR	4993* KB	0660 FSL 0660 FEL	29	SESE	080S	180E	UTA	U-51081	OW
N	4304732701	FEDERAL 43-29	WR	4886* GR	1904 FSL 0710 FEL	29	NESE	080S	180E	UTA	U-51081	OW
N	4304732742	FEDERAL 34-29	WR	4917* GR	0712 FSL 1925 FEL	29	SWSE	080S	180E	UTA	U-51081	OW
N	4304732848	PARIETTE FED 32-29	WR	4870* GR	1942 FNL 1786 FEL	29	SWNE	080S	180E	UTA	U-36846	OW
N	4304731116	NGC ST 33-32	WR	4930* GR	1914 FSL 1911 FEL	32	NWSE	080S	180E	UTA	ML-22058	OW
N	4304732077	FEDERAL 12-34	WR	4845* KB	1571 FNL 0375 FWL	34	SWNW	080S	180E	UTA	U-51081	OW
N	4304732702	FEDERAL 42-35	WR	4815* GR	1955 FNL 0463 FEL	35	SENE	080S	180E	UTA	U-51081	OW
N	4304732721	FEDERAL 43-35	WR	4870* GR	2077 FSL 0696 FEL	35	NESE	080S	180E	UTA	U-49430	OW
N	4304731345	GULF STATE 36-13	WR	4831* GR	1850 FSL 0600 FWL	36	NWSW	080S	180E	UTA	ML-22057	OW
N	4304731350	GULF STATE 36-11	WR	4837* GR	0677 FNL 0796 FWL	36	NWNW	080S	180E	UTA	ML-22057	OW
N	4304731864	GULF STATE 36-12	WR	4882* GR	1778 FNL 0782 FWL	36	SWNW	080S	180E	UTA	ML-22057	OW
N	4304731892	GULF STATE 36-22	WR	4923* GR	1860 FNL 1980 FWL	36	SENW	080S	180E	UTA	ML-22057	OW
N	4304732580	UTD STATE 36-K	WR	4809* GR	2120 FSL 1945 FWL	36	NESW	080S	180E	UTA	ML-22057	OW
N	4304732581	UTD STATE 36-M	WR	4744* KB	0848 FSL 0648 FWL	36	SWSW	080S	180E	UTA	ML-22057	OW
N	4304731415	WILDROSE FEDERAL 31-1	WR	4871* GR	2051 FSL 0683 FWL	31	NWSW	080S	190E	UTA	U-30103	OW
N	4301330642	MONUMENT BUTTE 1-3	WR	5156* GR	1945 FSL 0816 FWL	03	NWSW	090S	170E	DU	U-44004	OW
N	4301330810	MONUMENT BUTTE 2-3	WR	5107* GR	1918 FNL 1979 FWL	03	SENW	090S	170E	DU	U-44004	OW
N	4301331760	PINEHURST FEDERAL 3-7	WR	5096* GR	2062 FNL 1999 FEL	03	SWNE	090S	170E	DU	61252	OW
N	4301331761	PINEHURST FEDERAL 3-8	WR	5030* GR	1980 FNL 0660 FEL	03	SENE	090S	170E	DU	61252	OW
N	4301331764	RIVIERA FEDERAL 3-11	WR	5123* GR	2050 FSL 2008 FWL	03	NESW	090S	170E	DU	U-44004	OW
N	4301332183	RIVIERA FED 3-9	WR	5030 GR	1922 FSL 0605 FEL	03	NESE	090S	170E	DU	U-44004	OW
N	4301332184	RIVIERA FED 3-10	WR	5108 GR	2100 FSL 2190 FEL	03	NWSE	090S	170E	DU	U-44004	OW
N	4301331023	FEDERAL 15-1-B	WR	5177* GR	0660 FNL 1983 FEL	15	NWNE	090S	170E	DU	U-44429	OW
N	4304732777	BIRKDALE FED 13-34	WR	5067* GR	1768 FSL 0615 FWL	34	NWSW	090S	180E	UTA	U-68618	OW

END OF EXHIBIT



United States Department of the Interior



BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>

IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

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

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



Office of the Secretary of State

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

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

JAN 27 2005

INLAND

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

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

OPERATOR ACCT. NO. **N2696-**
N5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QS	SC	TP	RS	COUNTY		
C	12304	12391	43-013-31914	Harbourtown Fed 21-33	NE/NW	33	8S	17E	Duchesne		12/1/2004

WELL 1 COMMENTS: *GRN* 1/31/05

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QS	SC	TP	RS	COUNTY		
C	12310	12391	43-013-31915	Harbourtown Fed 42-33	SE/NE	33	8S	17E	Duchesne		12/1/2004

WELL 2 COMMENTS: *GRN* 1/31/05

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QS	SC	TP	RS	COUNTY		
C	12320	12391	43-013-31916	Harbourtown Fed 23-34	NE/SW	34	8S	17E	Duchesne		12/1/2004

WELL 3 COMMENTS: *GRN* 1/31/05

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QS	SC	TP	RS	COUNTY		
C	12321	12391	43-013-31917	Harbourtown Fed 44-34	SE/SE	34	8S	17E	Duchesne		12/1/2004

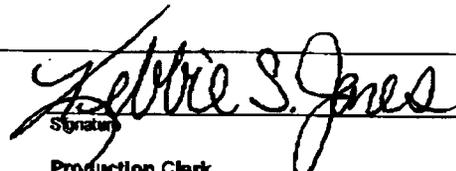
WELL 4 COMMENTS: *GRN* 1/31/05

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QS	SC	TP	RS	COUNTY		
C	13596	12391	43-013-32183	Greater Boundary 9-3-9-17	NE/SE	3	9S	17E	Duchesne		12/1/2004

WELL 5 COMMENTS: *GRN* 1/31/05

- 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)
 - C - Re-assign well from one existing entity to another existing entity
 - D - Re-assign well from one existing entity to a new entity
 - E - Other (explain in comments section)

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


 Signature: **Kellie S. Jones**
 Title: **Production Clerk**
 Date: **January 27, 2005**

PAGE 03 INLAND 4356463031 01/27/2005 14:19

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **9/1/2004**

FROM: (Old Operator): N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	TO: (New Operator): N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721
---	--

CA No. _____ **Unit:** _____

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
PREWITT 9-24	24	040S	020W	4301331864	12115	Fee	OW	P
PREWITT 10-24	24	040S	020W	4301331865	12114	Fee	OW	P
ALLEN TRUST 2-24	24	040S	020W	4301331944	12267	Fee	OW	P
MBFNE 12-24	24	080S	160E	4301331923	12244	Federal	OW	P
N MONUMENT BUTTE FED 8-27	27	080S	160E	4301331903	12215	Federal	D	PA
N MONUMENT BUTTE FED 10-27	27	080S	160E	4301331905	12213	Federal	D	PA
SAND WASH 12-28-8-17	28	080S	170E	4301331943	12283	Federal	D	PA
TAR SANDS FED 13-33	33	080S	170E	4301331841	12116	Federal	D	PA
HARBOURTOWN FED 21-33	33	080S	170E	4301331914	12391	Federal	OW	P
HARBOURTOWN FED 42-33	33	080S	170E	4301331915	12391	Federal	OW	P
HARBOURTOWN FED 23-34	34	080S	170E	4301331916	12391	Federal	OW	P
HARBOURTOWN FED 44-34	34	080S	170E	4301331917	12391	Federal	OW	P
NINE MILE 14-6-9-16	06	090S	160E	4301331999	99998	Federal	D	PA

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

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

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

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

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

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

DATA ENTRY:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

AUG 21 2006

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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

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

RECEIVED
AUG 24 2006
DIV. OF OIL, GAS & MINING

43-013-31914
85 17E 33
Re: FINAL UIC Permit
EPA Permit No. UT21045-07092
Harbourtown Federal 21-33-8-17 Well
Duchesne County, UT

Dear Mr. Gerbig:

Enclosed is your copy of the FINAL Underground Injection Control (UIC) Permit for the proposed Harbourtown Federal 21-33-8-17 injection well. A Statement of Basis, which discusses development of the conditions and requirements of the Permit, also is included.

The Public Comment period ended on JUN 19 2006. There were no comments on the Draft Permit received during the Public Notice period, and therefore the Final Permit becomes effective on the date of issuance. All conditions set forth herein refer to Title 40 Parts 124, 144, 146, and 147 of the Code of Federal Regulations (CFR) and are regulations that are in effect on the date that this Permit becomes effective.

Please note that under the terms of the Final Permit, you are authorized only to construct the proposed injection well, and must fulfill the "Prior to Commencing Injection" requirements of the Permit, Part II Section C Subpart 1 and obtain written Authorization to Inject prior to commencing injection. It is your responsibility to be familiar with and to comply with all provisions of the Final Permit.

The Permit and the authorization to inject are issued for the operating life of the well unless terminated (Part III, Section B). The EPA will review this Permit at least every five (5) years to determine whether action under 40 CFR § 144.36(a) is warranted.

If you have any questions on the enclosed Final Permit or Statement of Basis, please call Dan Jackson of my staff at (303) 312-6155, or toll-free at (800) 227-8917, ext. 6155.

Sincerely,


for Stephen S. Tuber

Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

enclosure: Final UIC Permit
Statement of Basis
Aquifer Exemption

cc: cc: without enclosures:

Maxine Natchees, Acting Chairperson
Uintah & Ouray Business Committee
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, UT 84026

Lynn Becker, Director
Energy and Minerals Department
Ute Indian Tribe
P.O. Box 70
Ft. Duchesne, UT 84026

BIA - Uintah & Ouray Indian Agency
P.O. Box 130
Fort Duchesne, UT 84026

cc: with enclosures:

Mike Guinn
Vice President, Operations
Newfield Production Company
10530 South Country Road #33
Myton, Utah 84052



S. Elaine Willie
Environmental Coordinator
Ute Indian Tribe
P.O. Box 460
Fort Duchesne, UT 84026

Gil Hunt
Associate Director
Utah Division of Oil, Gas, and Mining
1594 West North Temple - Suite 1220
Salt Lake City, UT 84114-5801

Fluid Minerals Engineering Department
BLM - Vernal District
170 South 500 East
Vernal, UT 84078



**UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT**

PREPARED: July 2006

Permit No. UT21045-07092

Class II Enhanced Oil Recovery Injection Well

**Harbourtown Federal 21-33-8-17
DUCHESNE County, UT**

Issued To

Newfield Production Company

1401 Seventeenth Street

Suite 1000

Denver, CO 80202

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PART II. SPECIFIC PERMIT CONDITIONS

Section A. WELL CONSTRUCTION REQUIREMENTS

These requirements represent the approved minimum construction standards for well casing and cement, injection tubing, and packer.

Details of the approved well construction plan are incorporated into this Permit as APPENDIX A. Changes to the approved plan that may occur during construction must be approved by the Director prior to being physically incorporated.

1. Casing and Cement.

The well or wells shall be cased and cemented to prevent the movement of fluids into or between underground sources of drinking water. The well casing and cement shall be designed for the life expectancy of the well and of the grade and size shown in APPENDIX A. Remedial cementing may be required if shown to be inadequate by cement bond log or other attempted demonstration of Part II (External) mechanical integrity.

2. Injection Tubing and Packer.

Injection tubing is required, and shall be run and set with a packer at or below the depth indicated in APPENDIX A. The packer setting depth may be changed provided it remains below the depth indicated in APPENDIX A and the Permittee provides notice and obtains the Director's approval for the change.

3. Sampling and Monitoring Devices.

The Permittee shall install and maintain in good operating condition:

- (a) a "tap" at a conveniently accessible location on the injection flow line between the pump house or storage tanks and the injection well, isolated by shut-off valves, for collection of representative samples of the injected fluid; and
- (b) one-half (1/2) inch female iron pipe fitting, isolated by shut-off valves and located at the wellhead at a conveniently accessible location, for the attachment of a pressure gauge capable of monitoring pressures ranging from normal operating pressures up to the Maximum Allowable Injection Pressure specified in APPENDIX C:
 - (i) on the injection tubing; and
 - (ii) on the tubing-casing annulus (TCA); and
- (c) a pressure actuated shut-off device attached to the injection flow line set to shut-off the injection pump when or before the Maximum Allowable Injection Pressure specified in APPENDIX C is reached at the wellhead; and
- (d) a non-resettable cumulative volume recorder attached to the injection line.

4. Well Logging and Testing

Well logging and testing requirements are found in APPENDIX B. The Permittee shall ensure the log and test requirements are performed within the time frames specified in APPENDIX B. Well logs and tests shall be performed according to current EPA-approved procedures. Well log and test results shall be submitted to the Director within sixty (60) days of completion of the logging or testing activity, and shall include a report describing the methods used during logging or testing and an interpretation of the test or log results.

5. Postponement of Construction or Conversion

The Permittee shall complete well construction within one year of the Effective Date of the Permit, or in the case of an Area Permit within one year of authorization of the additional well. Authorization to construct and operate shall expire if the well has not been constructed within one year of the Effective Date of the Permit or authorization and the Permit may be terminated under 40 CFR 144.40, unless the Permittee has notified the Director and requested an extension prior to expiration. Notification shall be in writing, and shall state the reasons for the delay and provide an estimated completion date. Once Authorization has expired under this part, the complete permit process including opportunity for public comment may be required before Authorization to construct and operate may be reissued.

6. Workovers and Alterations

Workovers and alterations shall meet all conditions of the Permit. Prior to beginning any addition or physical alteration to an injection well that may significantly affect the tubing, packer or casing, the Permittee shall give advance notice to the Director and obtain the Director's approval. The Permittee shall record all changes to well construction on a Well Rework Record (EPA Form 7520-12), and shall provide this and any other record of well workover, logging, or test data to EPA within sixty (60) days of completion of the activity.

A successful demonstration of Part I MI is required following the completion of any well workover or alteration which affects the casing, tubing, or packer. Injection operations shall not be resumed until the well has successfully demonstrated mechanical integrity and the Director has provided written approval to resume injection.

Section B. MECHANICAL INTEGRITY

The Permittee is required to ensure each injection well maintains mechanical integrity at all times. The Director, by written notice, may require the Permittee to comply with a schedule describing when mechanical integrity demonstrations shall be made.

An injection well has mechanical integrity if:

- (a) There is no significant leak in the casing, tubing, or packer (Part I); and
- (b) There is no significant fluid movement into an underground source of drinking water through vertical channels adjacent to the injection well bore (Part II).

1. Demonstration of Mechanical Integrity (MI).

The operator shall demonstrate MI prior to commencing injection and periodically thereafter. Well-specific conditions dictate the methods and the frequency for demonstrating MI and are discussed in the Statement of Basis. The logs and tests are designed to demonstrate both internal (Part I) and external (Part II) MI as described above. The conditions present at this well site warrant the methods and frequency required in Appendix B of this Permit.

In addition to these regularly scheduled demonstrations of MI, the operator shall demonstrate internal (Part I) MI after any workover which affects the tubing, packer or casing.

The Director may require additional or alternative tests if the results presented by the operator are not satisfactory to the Director to demonstrate there is no movement of fluid into or between USDWs resulting from injection activity. Results of MI tests shall be submitted to the Director as soon as possible but no later than sixty (60) days after the test is complete.

2. Mechanical Integrity Test Methods and Criteria

EPA-approved methods shall be used to demonstrate mechanical integrity. Ground Water Section Guidance No. 34 "Cement Bond Logging Techniques and Interpretation", Ground Water Section Guidance No. 37, "Demonstrating Part II (External) Mechanical Integrity for a Class II injection well permit", and Ground Water Section Guidance No. 39, "Pressure Testing Injection Wells for Part I (Internal) Mechanical Integrity" are available from EPA and will be provided upon request.

The Director may stipulate specific test methods and criteria best suited for a specific well construction and injection operation.

3. Notification Prior to Testing.

The Permittee shall notify the Director at least 30 days prior to any scheduled mechanical integrity test. The Director may allow a shorter notification period if it would be sufficient to enable EPA to witness the mechanical integrity test. Notification may be in the form of a yearly or quarterly schedule of planned mechanical integrity tests, or it may be on an individual basis.

4. Loss of Mechanical Integrity.

If the well fails to demonstrate mechanical integrity during a test, or a loss of mechanical integrity becomes evident during operation (such as presence of pressure in the TCA, water flowing at the surface, etc.), the Permittee shall notify the Director within 24 hours (see Part III Section E Paragraph 11(e) of this Permit) and the well shall be shut-in within 48 hours unless the Director requires immediate shut-in.

Within five days, the Permittee shall submit a follow-up written report that documents test results, repairs undertaken or a proposed remedial action plan.

Injection operations shall not be resumed until after the well has successfully been repaired and demonstrated mechanical integrity, and the Director has provided approval to resume injection.

Section C. WELL OPERATION

INJECTION BETWEEN THE OUTERMOST CASING PROTECTING UNDERGROUND SOURCES OF DRINKING WATER AND THE WELL BORE IS PROHIBITED.

Injection is approved under the following conditions:

1. Requirements Prior to Commencing Injection.

Well injection, including for new wells authorized by an Area Permit under 40 CFR 144.33 (c), may commence only after all well construction and pre-injection requirements herein have been met and approved. The Permittee may not commence injection until construction is complete, and

- (a) The Permittee has submitted to the Director a notice of completion of construction and a completed EPA Form 7520-10 or 7520-12; all applicable logging and testing requirements of this Permit (see APPENDIX B) have been fulfilled and the records submitted to the Director; mechanical integrity pursuant to 40 CFR 146.8 and Part II Section B of this Permit has been demonstrated; and
 - (i) The Director has inspected or otherwise reviewed the new injection well and finds it is in compliance with the conditions of the Permit; or
 - (ii) The Permittee has not received notice from the Director of his or her intent to inspect or otherwise review the new injection well within 13 days of the date of the notice in Paragraph 1a, in which case prior inspection or review is waived and the Permittee may commence injection.

2. Injection Interval.

Injection is permitted only within the approved injection interval, listed in APPENDIX C. Additional individual injection perforations may be added provided that they remain within the approved injection interval and the Permittee provides notice to the Director in accordance with Part II, Section A, Paragraph 6.

3. Injection Pressure Limitation

- (a) The permitted Maximum Allowable Injection Pressure (MAIP), measured at the wellhead, is found in APPENDIX C. Injection pressure shall not exceed the amount the Director determines is appropriate to ensure that injection does not initiate new fractures or propagate existing fractures in the confining zone adjacent to USDWs. In no case shall injection pressure cause the movement of injection or formation fluids into a USDW.
- (b) The Permittee may request a change of the MAIP, or the MAIP may be increased or decreased by the Director in order to ensure that the requirements in Paragraph (a) above are fulfilled. The Permittee may be required to conduct a step rate injection test or other suitable test to provide information for determining the fracture pressure of the injection zone. Change of the permitted MAIP by the Director shall be by modification of this Permit and APPENDIX C.

4. Injection Volume Limitation.

Injection volume is limited to the total volume specified in APPENDIX C.

5. Injection Fluid Limitation.

Injected fluids are limited to those identified in 40 CFR 144.6(b)(2) as fluids used for enhanced recovery of oil or natural gas, including those which are brought to the surface in connection with conventional oil or natural gas production that may be commingled with waste waters from gas plants which are an integral part of production operations unless those waters are classified as a hazardous waste at the time of injection, pursuant to 40 CFR 144.6(b). Non-exempt wastes, including unused fracturing fluids or acids, gas plant cooling tower cleaning wastes, service wastes and vacuum truck wastes, are NOT approved for injection. This well is NOT approved for commercial brine injection, industrial waste fluid disposal or injection of hazardous waste as defined by CFR 40 Part 261. The Permittee shall provide a listing of the sources of injected fluids in accordance with the reporting requirements in Part II Section D Paragraph 4 and APPENDIX D of this Permit.

6. Tubing-Casing Annulus (TCA)

The tubing-casing annulus (TCA) shall be filled with water treated with a corrosion inhibitor, or other fluid approved by the Director. The TCA valve shall remain closed during normal operating conditions and the TCA pressure shall be maintained at zero (0) psi.

If TCA pressure cannot be maintained at zero (0) psi, the Permittee shall follow the procedures in Ground Water Section Guidance No. 35 "Procedures to follow when excessive annular pressure is observed on a well."

Section D. MONITORING, RECORDKEEPING, AND REPORTING OF RESULTS

1. Monitoring Parameters, Frequency, Records and Reports.

Monitoring parameters are specified in APPENDIX D. Pressure monitoring recordings shall be taken at the wellhead. The listed parameters are to be monitored, recorded and reported at the frequency indicated in APPENDIX D even during periods when the well is not operating.

Monitoring records must include:

- (a) the date, time, exact place and the results of the observation, sampling, measurement, or analysis, and;
- (b) the name of the individual(s) who performed the observation, sampling, measurement, or analysis, and;
- (c) the analytical techniques or methods used for analysis.

2. Monitoring Methods.

- (a) Monitoring observations, measurements, samples, etc. taken for the purpose of complying with these requirements shall be representative of the activity or condition being monitored.

- (b) Methods used to monitor the nature of the injected fluids must comply with analytical methods cited and described in Table 1 of 40 CFR 136.3 or Appendix III of 40 CFR 261, or by other methods that have been approved in writing by the Director.
- (c) Injection pressure, annulus pressure, injection rate, and cumulative injected volumes shall be observed and recorded at the wellhead under normal operating conditions, and all parameters shall be observed simultaneously to provide a clear depiction of well operation.
- (d) Pressures are to be measured in pounds per square inch (psi).
- (e) Fluid volumes are to be measured in standard oil field barrels (bbl).
- (f) Fluid rates are to be measured in barrels per day (bbl/day).

3. Records Retention.

- (a) Records of calibration and maintenance, and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit shall be retained for a period of AT LEAST THREE (3) YEARS from the date of the sample, measurement, report, or application. This period may be extended anytime prior to its expiration by request of the Director.
- (b) Records of the nature and composition of all injected fluids must be retained until three (3) years after the completion of any plugging and abandonment (P&A) procedures specified under 40 CFR 144.52(a)(6) or under Part 146 Subpart G, as appropriate. The Director may require the Permittee to deliver the records to the Director at the conclusion of the retention period. The Permittee shall continue to retain the records after the three (3) year retention period unless the Permittee delivers the records to the Director or obtains written approval from the Director to discard the records.
- (c) The Permittee shall retain records at the location designated in APPENDIX D.

4. Annual Reports.

Whether the well is operating or not, the Permittee shall submit an Annual Report to the Director that summarizes the results of the monitoring required by Part II Section D and APPENDIX D.

The first Annual Report shall cover the period from the effective date of the Permit through December 31 of that year. Subsequent Annual Reports shall cover the period from January 1 through December 31 of the reporting year. Annual Reports shall be submitted by February 15 of the year following data collection. EPA Form 7520-11 may be copied and shall be used to submit the Annual Report, however, the monitoring requirements specified in this Permit are mandatory even if EPA Form 7520-11 indicates otherwise.

Section E. PLUGGING AND ABANDONMENT

1. Notification of Well Abandonment, Conversion or Closure.

The Permittee shall notify the Director in writing at least forty-five (45) days prior to: 1) plugging and abandoning an injection well, 2) converting to a non-injection well, and 3) in the case of an Area Permit, before closure of the project.

2. Well Plugging Requirements

Prior to abandonment, the injection well shall be plugged with cement in a manner which prevents the movement of fluids into or between underground sources of drinking water. Prior to placement of the cement plug(s) the well shall be in a state of static equilibrium with the mud weight equalized top to bottom, either by circulating the mud in the well at least once or by a comparable method prescribed by the Director. The well shall be plugged in accordance with the approved plugging and abandonment plan and with 40 CFR 146.10.

3. Approved Plugging and Abandonment Plan.

The approved plugging and abandonment plan is incorporated into this Permit as APPENDIX E. Changes to the approved plugging and abandonment plan must be approved by the Director prior to beginning plugging operations. The Director also may require revision of the approved plugging and abandonment plan at any time prior to plugging the well.

4. Forty Five (45) Day Notice of Plugging and Abandonment.

The Permittee shall notify the Director at least forty-five (45) days prior to plugging and abandoning a well and provide notice of any anticipated change to the approved plugging and abandonment plan.

5. Plugging and Abandonment Report.

Within sixty (60) days after plugging a well, the Permittee shall submit a report (EPA Form 7520-13) to the Director. The plugging report shall be certified as accurate by the person who performed the plugging operation. Such report shall consist of either:

- (a) A statement that the well was plugged in accordance with the approved plugging and abandonment plan; or
- (b) Where actual plugging differed from the approved plugging and abandonment plan, an updated version of the plan, on the form supplied by the Director, specifying the differences.

6. Inactive Wells.

After any period of two years during which there is no injection the Permittee shall plug and abandon the well in accordance with Part II Section E Paragraph 2 of this Permit unless the Permittee:

- (a) Provides written notice to the Director;
- (b) Describes the actions or procedures the Permittee will take to ensure that the well will not endanger USDWs during the period of inactivity. These actions and procedures shall include compliance with mechanical integrity demonstration, Financial Responsibility and all other permit requirements designed to protect USDWs; and

- (c) Receives written notice by the Director temporarily waiving plugging and abandonment requirements.

PART III. CONDITIONS APPLICABLE TO ALL PERMITS

Section A. EFFECT OF PERMIT

The Permittee is allowed to engage in underground injection in accordance with the conditions of this Permit. The Permittee shall not construct, operate, maintain, convert, plug, abandon, or conduct any other activity in a manner that allows the movement of fluid containing any contaminant into underground sources of drinking water, if the presence of that contaminant may cause a violation of any primary drinking water regulation under 40 CFR 142 or may otherwise adversely affect the health of persons. Any underground injection activity not authorized by this Permit or by rule is prohibited. Issuance of this Permit does not convey property rights of any sort or any exclusive privilege; nor does it authorize any injury to persons or property, any invasion of other private rights, or any infringement of State or local law or regulations. Compliance with the terms of this Permit does not constitute a defense to any enforcement action brought under the provisions of Section 1431 of the Safe Drinking Water Act (SDWA) or any other law governing protection of public health or the environment, for any imminent and substantial endangerment to human health or the environment, nor does it serve as a shield to the Permittee's independent obligation to comply with all UIC regulations. Nothing in this Permit relieves the Permittee of any duties under applicable regulations.

Section B. CHANGES TO PERMIT CONDITIONS

1. Modification, Reissuance, or Termination.

The Director may, for cause or upon a request from the Permittee, modify, revoke and reissue, or terminate this Permit in accordance with 40 CFR 124.5, 144.12, 144.39, and 144.40. Also, this Permit is subject to minor modification for causes as specified in 40 CFR 144.41. The filing of a request for modification, revocation and reissuance, termination, or the notification of planned changes or anticipated noncompliance on the part of the Permittee does not stay the applicability or enforceability of any condition of this Permit.

2. Conversions.

The Director may, for cause or upon a written request from the Permittee, allow conversion of the well from a Class II injection well to a non-Class II well. Conversion may not proceed until the Permittee receives written approval from the Director. Conditions of such conversion may include but are not limited to, approval of the proposed well rework, follow up demonstration of mechanical integrity, well-specific monitoring and reporting following the conversion, and demonstration of practical use of the converted configuration.

3. Transfer of Permit.

Under 40 CFR 144.38, this Permit is transferable provided the current Permittee notifies the Director at least thirty (30) days in advance of the proposed transfer date (EPA Form 7520-7) and provides a written agreement between the existing and new Permittees containing a specific date for transfer of Permit responsibility, coverage and liability between them. The notice shall adequately demonstrate that the financial responsibility requirements of 40 CFR 144.52(a)(7) will be met by the new Permittee. The Director may require modification or revocation and reissuance of the Permit to change the name of the Permittee and incorporate such other requirements as may be necessary under the Safe Drinking Water Act; in some cases, modification or revocation and reissuance is mandatory.

4. Permittee Change of Address.

Upon the Permittee's change of address, or whenever the operator changes the address where monitoring records are kept, the Permittee must provide written notice to the Director within 30 days.

5. Construction Changes, Workovers, Logging and Testing Data

The Permittee shall give advance notice to the Director, and shall obtain the Director's written approval prior to any physical alterations or additions to the permitted facility. Alterations or workovers shall meet all conditions as set forth in this permit. The Permittee shall record any changes to the well construction on a Well Rework Record (EPA Form 7520-12), and shall provide this and any other record of well workovers, logging, or test data to EPA within sixty (60) days of completion of the activity.

Following the completion of any well workovers or alterations which affect the casing, tubing, or packer, a successful demonstration of mechanical integrity (Part III, Section F of this permit) shall be made, and written authorization from the Director received, prior to resuming injection activities.

Section C. SEVERABILITY

The Provisions of this Permit are severable, and if any provision of this Permit or the application of any provision of this Permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this Permit shall not be affected thereby.

Section D. CONFIDENTIALITY

In accordance with 40 CFR Part 2 and 40 CFR 144.5, information submitted to EPA pursuant to this Permit may be claimed as confidential by the submitter. Any such claim must be asserted at the time of submission by stamping the words "confidential business information" on each page containing such information. If no claim is made at the time of submission, EPA may make the information available to the public without further notice. If a claim is asserted, the validity of the claim will be assessed in accordance with the procedures in 40 CFR Part 2 (Public Information). Claims of confidentiality for the following information will be denied:

- The name and address of the Permittee, and
- information which deals with the existence, absence or level of contaminants in drinking water.

Section E. GENERAL PERMIT REQUIREMENTS

1. Duty to Comply.

The Permittee must comply with all conditions of this Permit. Any noncompliance constitutes a violation of the Safe Drinking Water Act (SDWA) and is grounds for enforcement action; for Permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application; except that the Permittee need not comply with the provisions of this Permit to the extent and for the duration such noncompliance is authorized in an emergency permit under 40 CFR 144.34. All violations of the SDWA may subject the Permittee to penalties and/or criminal prosecution as specified in Section 1423 of the SDWA.

2. Duty to Reapply.

If the Permittee wishes to continue an activity regulated by this Permit after the expiration date of this Permit, under 40 CFR 144.37 the Permittee must apply for a new permit prior to the expiration date.

3. Need to Halt or Reduce Activity Not a Defense.

It shall not be a defense for a Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this Permit.

4. Duty to Mitigate.

The Permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this Permit.

5. Proper Operation and Maintenance.

The Permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the Permittee to achieve compliance with the conditions of this Permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of this Permit.

6. Permit Actions.

This Permit may be modified, revoked and reissued or terminated for cause. The filing of a request by the Permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

7. Property Rights.

This Permit does not convey any property rights of any sort, or any exclusive privilege.

8. Duty to Provide Information.

The Permittee shall furnish to the Director, within a time specified, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The Permittee shall also furnish to the Director, upon request, copies of records required to be kept by this Permit. The Permittee is required to submit any information required by this Permit or by the Director to the mailing address designated in writing by the Director.

9. Inspection and Entry.

The Permittee shall allow the Director, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:

- (a) Enter upon the Permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this Permit;

- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Permit;
- (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Permit; and,
- (d) Sample or monitor at reasonable times, for the purpose of assuring permit compliance or as otherwise authorized by the SDWA, any substances or parameters at any location.

10. Signatory Requirements.

All applications, reports or other information submitted to the Director shall be signed and certified according to 40 CFR 144.32. This section explains the requirements for persons duly authorized to sign documents, and provides wording for required certification.

11. Reporting Requirements.

- (a) **Planned changes.** The Permittee shall give notice to the Director as soon as possible of any planned changes, physical alterations or additions to the permitted facility, and prior to commencing such changes.
- (b) **Anticipated noncompliance.** The Permittee 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.
- (c) **Monitoring Reports.** Monitoring results shall be reported at the intervals specified in this Permit.
- (d) **Compliance schedules.** Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than 30 days following each schedule date.
- (e) **Twenty-four hour reporting.** The Permittee shall report to the Director any noncompliance which may endanger human health or the environment, including:
 - (i) Any monitoring or other information which indicates that any contaminant may cause endangerment to a USDW; or
 - (ii) Any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between USDWs.

Information shall be provided, either directly or by leaving a message, within twenty-four (24) hours from the time the permittee becomes aware of the circumstances by telephoning (800) 227-8917 and requesting EPA Region VIII UIC Program Compliance and Technical Enforcement Director, or by contacting the EPA Region VIII Emergency Operations Center at (303) 293-1788.

In addition, a follow up written report shall be provided to the Director within five (5) days of the time the Permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause, the period of noncompliance including exact dates and times, and if the noncompliance has not been corrected the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

- (f) Oil Spill and Chemical Release Reporting: The Permittee shall comply with all reporting requirements related to the occurrence of oil spills and chemical releases by contacting the National Response Center (NRC) at (800) 424-8802, (202) 267-2675, or through the NRC website <http://www.nrc.uscg.mil/index.htm>.
- (g) Other Noncompliance. The Permittee shall report all instances of noncompliance not reported under paragraphs Part III, Section E Paragraph 11(b) or Section E, Paragraph 11(e) at the time the monitoring reports are submitted. The reports shall contain the information listed in Paragraph 11(e) of this Section.
- (h) Other information. Where the Permittee becomes aware that it 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 Permittee shall promptly submit such facts or information to the Director.

Section F. FINANCIAL RESPONSIBILITY

1. Method of Providing Financial Responsibility.

The Permittee shall maintain continuous compliance with the requirement to maintain financial responsibility and resources to close, plug, and abandon the underground injection well(s). No substitution of a demonstration of financial responsibility shall become effective until the Permittee receives written notification from the Director that the alternative demonstration of financial responsibility is acceptable. The Director may, on a periodic basis, require the holder of a permit to revise the estimate of the resources needed to plug and abandon the well to reflect changes in such costs and may require the Permittee to provide a revised demonstration of financial responsibility.

2. Insolvency.

In the event of:

- (a) the bankruptcy of the trustee or issuing institution of the financial mechanism; or
- (b) suspension or revocation of the authority of the trustee institution to act as trustee; or

- (c) the institution issuing the financial mechanism losing its authority to issue such an instrument

the Permittee must notify the Director in writing, within ten (10) business days, and the Permittee must establish other financial assurance or liability coverage acceptable to the Director within sixty (60) days after any event specified in (a), (b), or (c) above.

The Permittee must also notify the Director by certified mail of the commencement of voluntary or involuntary proceedings under Title 11 (Bankruptcy), U.S. Code naming the owner or operator as debtor, within ten (10) business days after the commencement of the proceeding. A guarantor, if named as debtor of a corporate guarantee, must make such a notification as required under the terms of the guarantee.

APPENDIX A

WELL CONSTRUCTION REQUIREMENTS

Casing and Cementing

The well was drilled in March 1998 to a total depth of 5,950 ft, and began oil production from the Green River Formation in April 1998. Surface casing was set at 299 ft below ground surface (BGS) and cemented to surface using 175 sx cement. Long string casing was set at 5,909 ft and cemented with 510 sx cement to approximately 1,350 ft BGS by CBL, [2,072 ft BGS calculated]. The cement bond log (CBL) was run from 950 ft to 1,500 ft and from 3,971 ft to TD, but not across the confining zone from 3,670 ft to 3,863 ft, so no evaluation of the cement across the confining zone was possible, nor was top of cement able to be clearly identified.

Tubing and Packer

For injection service a packer and tubing assembly are required. The tubing shall be of 2-7/8 inch or similar size, and the packer shall be set no more than 100 ft above the top perforation.

UT 21045-07092

Harbourtown Federal #21-33-8-17

Spud Date: 3/2/98
Put on Production: 4/13/98
GL: 5129' KB: 5142'

Initial Production: 74 BOPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 246
LENGTH: 7 jts. (289')
DEPTH LANDED: 299' KB
HOLE SIZE: 12 1/4"
CEMENT DATA: 200 psi crst. Cement to surface.

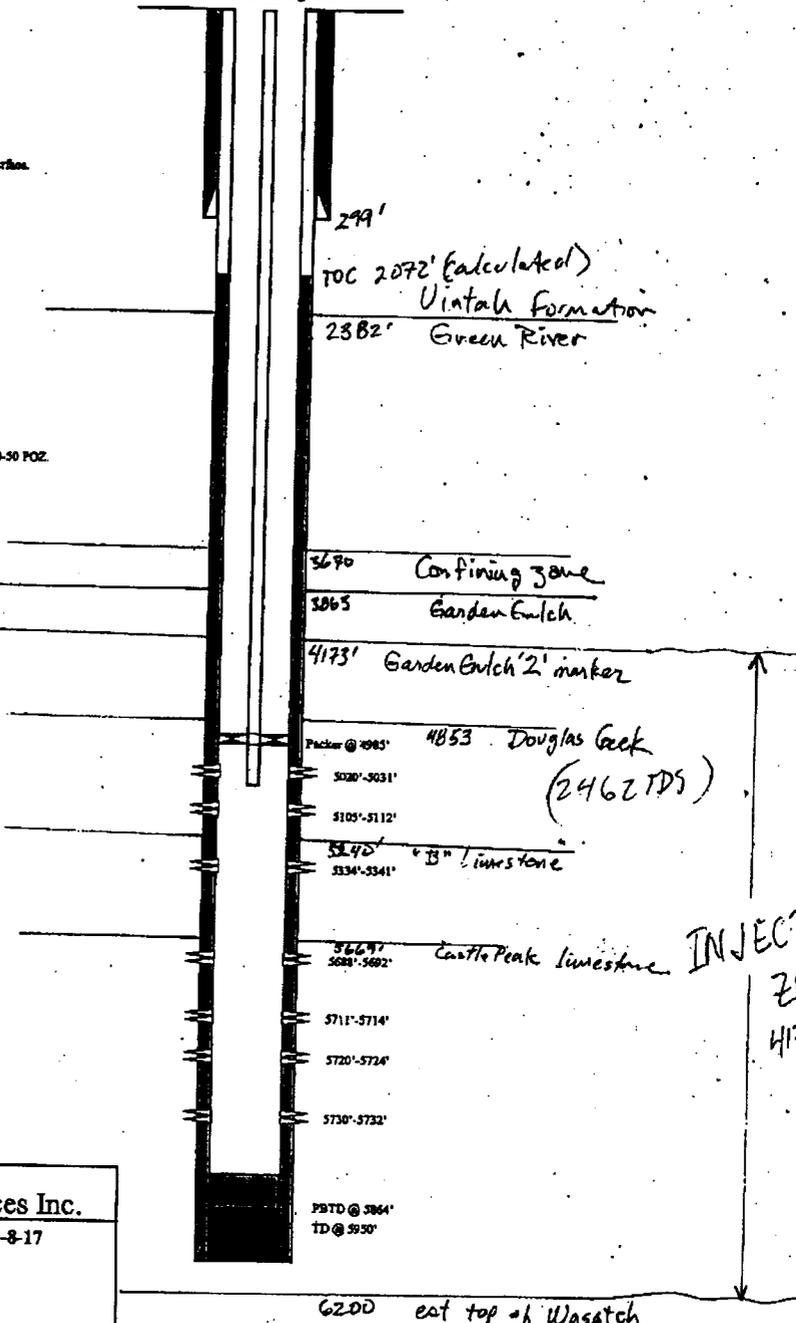
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.59
LENGTH: 138 jts.
DEPTH LANDED: 909' KB
HOLE SIZE: 7 7/8"
CEMENT DATA: 130 and H-EI + 380 and 50-50 POZ.
CEMENT TOP AT: 1350' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8"
NO. OF JOINTS: 181 jts.
TUBING ANCHOR: 5637' KB
NO. OF JOINTS: 2 jts.
SEATING NIPPLE: 5700' KB
NO. OF JOINTS: 1 j. Perf sub (6')
NO. OF JOINTS: 1 j.
TOTAL STRING LENGTH: 5737' KB

Proposed Injection Wellbore Diagram



Inland Resources Inc.
 Harbourtown Federal #21-33-8-17
 513 ENL & 1938 FWL
 NE/NW Section 33-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31914

APPENDIX B

LOGGING AND TESTING REQUIREMENTS

Logs.

Logs will be conducted according to current UIC guidance. It is the responsibility of the permittee to obtain and use guidance prior to conducting any well logging required as a condition of this permit.

WELL NAME: Harbourtown Federal 21-33-8-17	
TYPE OF LOG	DATE DUE
CBL/VDL/GAMMA RAY	prior to commencing injection

Tests.

Tests will be conducted according to current UIC guidance. It is the responsibility of the permittee to obtain and use guidance prior to conducting any well test required as a condition of this permit.

WELL NAME: Harbourtown Federal 21-33-8-17	
TYPE OF TEST	DATE DUE
Radioactive Tracer Survey (2)	prior to commencing injection, ONLY IF the CBL does NOT indicate the presence of cement through the confining zone adequate to prevent significant fluid movement through vertical channels adjacent to the injection well bore (Part II MI).
Standard Annulus Pressure	prior to commencing injection, and at least once every five years thereafter
Pore Pressure	prior to commencing injection

APPENDIX C

OPERATING REQUIREMENTS

MAXIMUM ALLOWABLE INJECTION PRESSURE:

Maximum Allowable Injection Pressure (MAIP) as measured at the surface shall not exceed the pressure(s) listed below.

WELL NAME	MAXIMUM ALLOWED INJECTION PRESSURE (psi)
	ZONE 1 (Upper)
Harbourtown Federal 21-33-8-17	1,440

INJECTION INTERVAL(S):

Injection is permitted only within the approved injection interval listed below. Injection perforations may be altered provided they remain within the approved injection interval and the Permittee provides notice to the Director in accordance with Part II, Section A, Paragraph 6. Specific injection perforations can be found in Appendix A.

WELL NAME: Harbourtown Federal 21-33-8-17	APPROVED INJECTION INTERVAL (KB, ft)		FRACTURE GRADIENT (psi/ft)
	TOP	BOTTOM	
	FORMATION NAME		
lower Green River	4,173.00	6,200.00	0.780

ANNULUS PRESSURE:

The annulus pressure shall be maintained at zero (0) psi as measured at the wellhead. If this pressure cannot be maintained, the Permittee shall follow the procedures listed under Part II, Section C. 6. of this permit.

MAXIMUM INJECTION VOLUME:

WELL NAME: Harbourtown Federal 21-33-8-17	
FORMATION NAME	MAXIMUM VOLUME LIMIT (bbls)
lower Green River	158,085,700.00

APPENDIX D

MONITORING AND REPORTING PARAMETERS

This is a listing of the parameters required to be observed, recorded, and reported. Refer to the permit Part II, Section D, for detailed requirements for observing, recording, and reporting these parameters.

OBSERVE MONTHLY AND RECORD AT LEAST ONCE EVERY THIRTY DAYS	
OBSERVE AND RECORD	Injection pressure (psig)
	Annulus pressure(s) (psig)
	Injection rate (bbl/day)
	Fluid volume injected since the well began injecting (bbls)

ANNUALLY	
ANALYZE	Injected fluid total dissolved solids (mg/l)
	Injected fluid specific gravity
	Injected fluid specific conductivity
	Injected fluid pH

ANNUALLY	
REPORT	Each month's maximum and averaged injection pressures (psig)
	Each month's maximum and averaged annulus pressure(s) (psig)
	Each month's averaged injection rate (bbl/day)
	Fluid volume injected since the well began injecting (bbl)
	Written results of annual injected fluid analysis
	Sources of all fluids injected during the year

Records of all monitoring activities must be retained and made available for inspection at the following location:

Newfield Production Company
Route 3 Box 3630
Myton, UT 84052

APPENDIX E

PLUGGING AND ABANDONMENT REQUIREMENTS

The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluid into or between USDWs, and in accordance with other applicable federal, State or local law or regulation. Tubing, packer and other downhole apparatus shall be removed. Cement with additives such as accelerators and retarders that control or enhance cement properties may be used for plugs; however, volume-extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.6 lb/gal shall be placed between all plugs. A minimum 50 ft surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520 13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. The permittee is required to also comply with other applicable federal, state and local plugging regulations. At a minimum, the following plugs are required:

PLUG 1: Remove tubing from the well, perform necessary clean out, and displace fluid in well with 9.6 lb. plugging gel. Set a cast iron bridge plug (CIBP) no more than 100 ft above the top perforation at 5,020, ft with a minimum 20 ft cement plug on top of the CIBP.

PLUG 2: Set a minimum 100 ft balanced cement plug across the base of the Uintah Formation at 2,382 ft.

PLUG 3: Set a minimum 200 ft balanced cement plug from approximately 2,000 to 2,200 ft.

PLUG 4: Rig up and perforate casing at 349 ft. Pump and circulate at least 109 sx cement down the 5-1/2 inch casing and up the 5-1/2 inch x 8-5/8 inch annulus, to emplace across the base of the casing shoe at 299 ft up to the surface.

UT21045-07092

Harbourtown Federal #21-33-8-17

Spud Date: 3/2/98
 Put on Production: 4/13/98
 GL: 5129' KB: 5142'

Initial Production: 74 BOPD,
 40 MCFPD, 0 BWPD

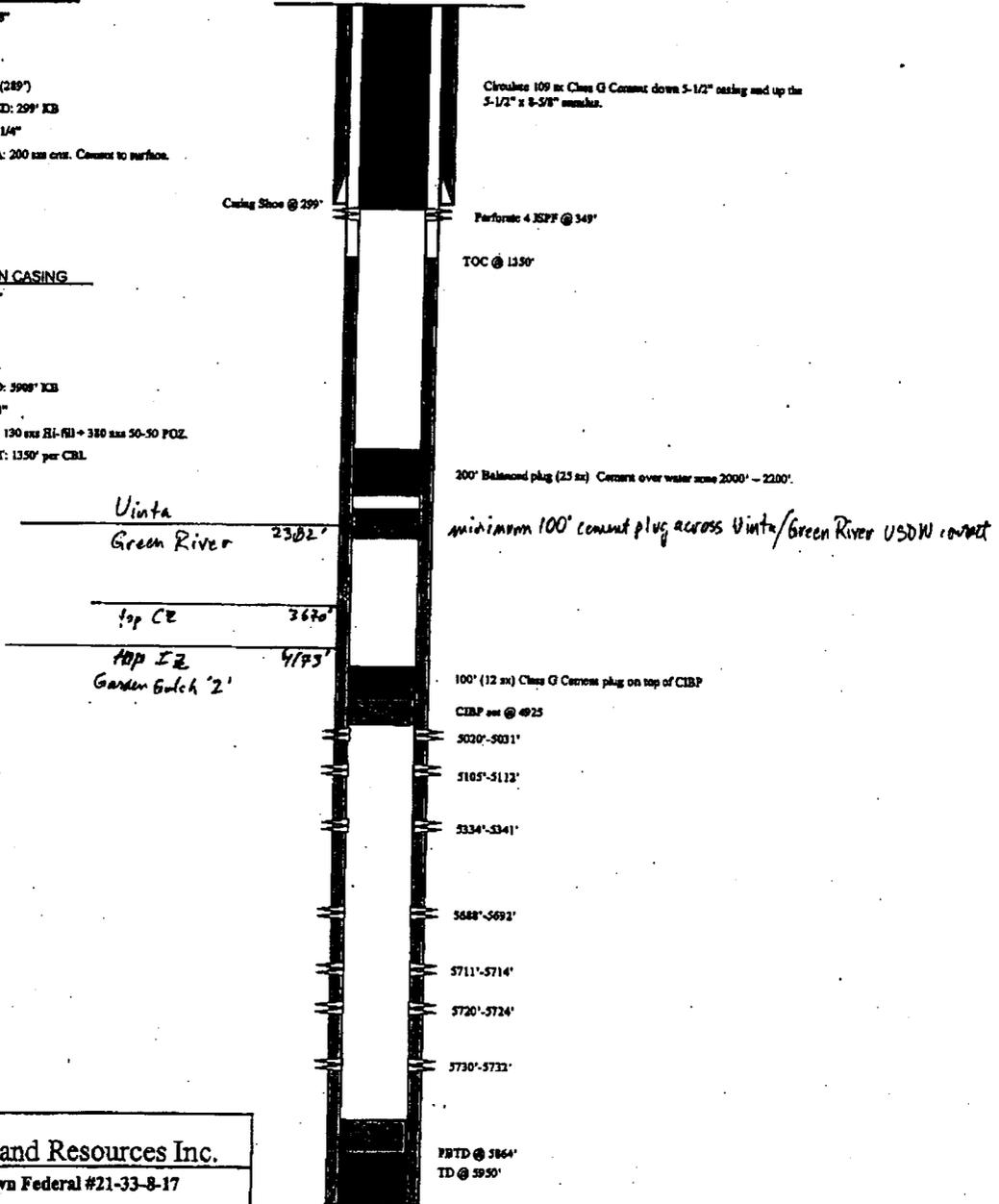
SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-35
 WEIGHT: 24#
 LENGTH: 7 Jts (289')
 DEPTH LANDED: 299' KB
 HOLE SIZE: 13 1/4"
 CEMENT DATA: 200 sbs crs. Cement to surface.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 13.5#
 LENGTH: 138 Jts
 DEPTH LANDED: 5908' KB
 HOLE SIZE: 7 7/8"
 CEMENT DATA: 130 sbs RI-FBI + 380 sbs 50-50 POZ
 CEMENT TOP AT: 1350' per CBL

Proposed P & A
 Wellbore Diagram



Inland Resources Inc.
 Harbourtown Federal #21-33-8-17
 513 FNL & 1938 FWL
 NE/NW Section 33-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31914

MC 7/22/04

APPENDIX F

CORRECTIVE ACTION REQUIREMENTS

UNDERGROUND INJECTION CONTROL PROGRAM

AQUIFER EXEMPTION

EPA PERMIT NO. UT21045-07092

Newfield Production Company

TABLE 1.1
AQUIFER EXEMPTION PROPOSAL(S)
Harbourtown Federal 21-33-8-17

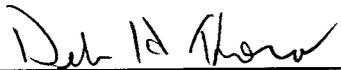
Formation Name	Top (ft)	Base (ft)	TDS (mg/l)
lower Green River	4,173.00	6,200.00	2,462.00

The formation listed above is hereby exempted from protection as an underground source of drinking water (USDW) in compliance with provisions of the Safe Drinking Water Act as amended (42 USC 300f-300j-9, commonly known as the SDWA) and attendant regulations at Title 40 of the Code of Federal Regulations, within the subsurface interval shown and within a 1/4 mile radial distance from the surface location of the:

Harbourtown Federal 21-33-8-17
Boundary
513 FNL 1938 FWL, NENW S33, T8S, R17E
DUCHESNE County, UT

This aquifer exemption is granted in conjunction with an Underground Injection Control Permit issued for the injection of Class II fluids. This Aquifer Exemption has no expiration date.

The effective date of this exemption is ~~AUG 21 2006~~


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

STATEMENT OF BASIS

**NEWFIELD PRODUCTION COMPANY
HARBOURTOWN FEDERAL 21-33-8-17
DUCHESNE COUNTY, UT**

EPA PERMIT NO. UT21045-07092

CONTACT: Dan Jackson
U. S. Environmental Protection Agency
Ground Water Program, 8P-W-GW
999 18th Street, Suite 300
Denver, Colorado 80202-2466
Telephone: 1-800-227-8917 ext. 6155

This STATEMENT OF BASIS gives the derivation of site-specific UIC Permit conditions and reasons for them. Referenced sections and conditions correspond to sections and conditions in the Permit.

UIC Permits specify the conditions and requirements for construction, operation, monitoring and reporting, and plugging of injection wells to prevent the movement of fluids into underground sources of drinking water (USDWs). Under 40 CFR 144 Subpart D, certain conditions apply to all UIC Permits and may be incorporated either expressly or by reference. General Permit conditions for which content is mandatory and not subject to site-specific differences (40 CFR Parts 144, 146 and 147) are not discussed in this document.

Upon the Effective Date when issued, the Permit authorizes the conversion and operation of a "new" injection well or wells governed by the conditions specified in the Permit. The Permit is issued for the operating life of the injection well or project unless terminated for reasonable cause under 40 CFR 144.39, 144.40 and 144.41. The Permit is subject to EPA review at least once every five (5) years to determine if action is required under 40 CFR 144.36(a).

PART I. General Information and Description of Facility

Newfield Production Company
1401 Seventeenth Street
Suite 1000
Denver, CO 80202

on

January 20, 2006

submitted an application for an Underground Injection Control (UIC) Program Permit or Permit Modification for the following injection well or wells:

Harbourtown Federal 21-33-8-17
513 FNL 1938 FWL, NENW S33, T8S, R17E
DUCHESNE County, UT

Regulations specific to Uintah-Ouray Indian Reservation injection wells are found at 40 CFR 147 Subpart TT.

The Harbourtown 21-33-8-17 is currently a shut-in Green River Formation production well. The applicant intends to convert the well to an enhanced recovery injection well to support existing Green River Formation enhanced oil recovery operations in the Greater Monument Butte Oil Field.

The application, including the required information and data necessary to issue or modify a UIC Permit in accordance with 40 CFR Parts 144, 146 and 147, was reviewed and determined by EPA to be complete.

The Permit will expire upon delegation of primary enforcement responsibility (primacy) for applicable portions of the UIC Program to the Ute Indian Tribe or the State of Utah unless the delegated agency has the authority and chooses to adopt and enforce this Permit as a Tribal or State Permit.

TABLE 1.1 shows the status of the well or wells as "New", "Existing", or "Conversion" and for Existing shows the original date of injection operation. Well authorization "by rule" under 40 CFR Part 144 Subpart C expires automatically on the Effective Date of an issued UIC Permit.

TABLE 1.1		
WELL STATUS / DATE OF OPERATION		
CONVERSION WELLS		
Well Name	Well Status	Date of Operation
Harbourtown Federal 21-33-8-17	Conversion	N/A

PART II. Permit Considerations (40 CFR 146.24)

Water wells for domestic supply in this area, when present, generally are completed into the shallow alluvium, the Duchesne River Formation, or the underlying Uintah Formation, and the water generally contains approximately 500 to 1,500 mg/l and higher total dissolved solids.

The Uinta-Animas aquifer in the Uinta Basin is present in water-yielding beds of sandstone, conglomerate, and siltstone of the Duchesne River and Uinta Formations, the Renegade Tongue of the Wasatch Formation, and the Douglas Creek Member of the Green River Formation. The Renegade Tongue of the Wasatch Formation and the Douglas Creek Member of the Green River Formation contain an aquifer along the southern and eastern margins of the basin where the rocks primarily consist of fluvial, massive, irregularly bedded sandstone and siltstone. Water-yielding units in the Uinta-Animas aquifer in the Uinta Basin commonly are separated from each other and from the underlying Mesaverde aquifer by units of low permeability composed of claystone, shale, marlstone, or limestone. In the Uinta Basin, for example, the part of the aquifer in the Duchesne River and Uinta Formations ranges in thickness from 0 feet at the southern margin of the aquifer to as much as 9,000 feet in the north-central part of the aquifer. Ground-water recharge to the Uinta-Animas aquifer generally occurs in the areas of higher altitude along the margins of the basin. Ground water is discharged mainly to streams, springs, and by transpiration from vegetation growing along stream valleys. The rate of ground-water withdrawal is small, and natural discharge is approximately equal to recharge. Recharge occurs near the southern margin of the aquifer, and discharge occurs near the White and Green Rivers. (From USGS publication HA 730-C) Water samples from Mesaverde sands in the nearby Natural Buttes Unit yielded highly saline water.

Geologic Setting (TABLE 2.1)

The proposed injection well is located in the Newfield Production Company Greater Monument Butte area near the center of the broad, gently northward dipping south flank of the Uinta Basin. The beds dip at about 200 ft/mile, and there are no known surface folds or faults in the field. Although the Tertiary Duchesne River Formation may occasionally be present at the surface in this area, usually the lower 600 ft to 800 ft of the Uinta Formation outcrops at the surface. The Uinta Formation, generally consisting of 5 ft to 20 ft interbedded lenticular fluvial sandstone and varicolored shale, is underlain by the Green River Formation which consists of lake (lacustrine) margin sandstones, limestone and shale beds that were deposited along the edges and on the broad level floor of Lake Uinta as it expanded and contracted through time. Deposition in and around Lake Uinta consisted of open to marginal lacustrine sediments that make up the Green River Formation. The cyclic nature of deposition in the southern shore area resulted in numerous stacked deltaic deposits. Distributary mouth bars, distributary channels, and near shore bars are the primary producing sandstone reservoirs in the area (Ref: "Reservoir Characterization of the Lower Green River Formation, Southwest Uinta Basin, Utah Biannual Technical Progress Report 4/1/99 9/30/99", by C. D. Morgan, Program Manager, November 1999, Contract DE AC26 98BC15103). The gross intervals over which porous sandstones occur are comprised of tight sandstone and interbedded shale forming the confining layers to the individual sandstone lenses. Underlying the Green River Formation is the Wasatch Formation, approximately 2,400= thick in this area, which consists of red alluvial shale and siltstone with scattered lenticular sandstone. The sediments that make up the Wasatch Formation were deposited mainly by streams flowing into the basin from the surrounding uplands. The mudstone and siltstone probably were deposited along flood plains, while the lenticular sand and conglomerate were laid down in stream channels. Where streams entered the lake tongues of deltaic deposits, sands or mudstones interfinger into the Green River Lake sediments. Below the Wasatch Formation is the Mesaverde Formation; a series

of interbedded continental deposits of shale, sandstone, and coal.

**TABLE 2.1
GEOLOGIC SETTING
Harbourtown Federal 21-33-8-17**

Formation Name	Top (ft)	Base (ft)	TDS (mg/l)	Lithology
Uinta	0.00	2,382.00	< 10,000.00	interbedded lenticular fluvial sandstone, shale and siltstone
Green River	2,370.00	6,200.00	2,462.00 - 14,400.00	tight sandstone and interbedded shale forming confining layers between individual permeable lenticular sandstones
Wasatch	6,200.00	6,500.00		mudstone, siltstone, lenticular sandstone and conglomerate

Proposed Injection Zone(s) (TABLE 2.2)

An injection zone is a geological formation, group of formations, or part of a formation that receives fluids through a well. The proposed injection zones are listed in TABLE 2.2.

Injection will occur into an injection zone that is separated from USDWs by a confining zone which is free of known open faults or fractures within the Area of Review.

The approved injection zone for enhanced recovery is the 2,027 ft interval within the Green River Formation between the top of the Garden Gulch Member 2-Marker at 4,173 feet to the top of the Wasatch Formation, estimated at 6,200 feet. The proposed interval for injection within the approved zone is the 712 ft interval bounded by perforations at 5,020 ft to 5,732 ft.

**TABLE 2.2
INJECTION ZONES
Harbourtown Federal 21-33-8-17**

Formation Name	Top (ft)	Base (ft)	TDS (mg/l)	Fracture Gradient (psi/ft)	Porosity	Exempted?*
lower Green River	4,173.00	6,200.00	2,462.00	0.780	8.00%	P

* C - Currently Exempted
E - Previously Exempted
P - Proposed Exemption
N/A - Not Applicable

Confining Zone(s) (TABLE 2.3)

A confining zone is a geological formation, part of a formation, or a group of formations that limits fluid movement above the injection zone. The confining zone or zones are listed in TABLE 2.3.

The Confining Zone is identified as the 193 ft interval of impermeable shale and interbedded tight sandstone within the upper Green River Formation Garden Gulch Member from 3,670 ft to 3,863 ft (KB).

**TABLE 2.3
CONFINING ZONES**

Harbourtown Federal 21-33-8-17

Formation Name	Formation Lithology	Top (ft)	Base (ft)
Green River	tight sandstone and interbedded shale	3,670.00	3,863.00

Underground Sources of Drinking Water (USDWs) (TABLE 2.4)

Aquifers or the portions thereof which contain less than 10,000 mg/l total dissolved solids (TDS) and are being or could in the future be used as a source of drinking water are considered to be USDWs. The USDWs in the area of this facility are identified in TABLE 2.4.

Technical Publication No. 92: State of Utah, Department of Natural Resources, maps the base of moderately saline ground water in the Uinta Formation at approximately 500 ft from the surface. Although the Green River Formation is not generally a USDW in this area, an August 13, 2004, analysis of produced water from the Harbourtown 21-33-8-17 production tank indicates a total dissolved solids (TDS) content of 2,462 mg/l. Based on this analysis, the proposed Green River Formation injection zone in the vicinity of this well is a USDW, and must be exempted before injection may take place. A search of Division of Water Rights shows there are no water wells within a mile of the proposed injection well location.

**TABLE 2.4
UNDERGROUND SOURCES OF DRINKING WATER (USDW)**

Harbourtown Federal 21-33-8-17

Formation Name	Formation Lithology	Top (ft)	Base (ft)	TDS (mg/l)
lower Green River	individual permeable lenticular sandstones	5,020.00	5,732.00	2,462.00

Exempted Aquifer(s) (40 CFR 144.7 and 146.4)

Aquifers exempted from protection as a USDW are listed in TABLE 2.5. Exempted is that portion of the aquifer between the depths listed ("TOP" and "BASE") and within the Exempted Radius of the well's surface location, or for an Area Permit, one-quarter (1/4) mile exterior to the defined Area Permit boundary. "Criteria" corresponds to the appropriate criteria (below) for exemption. "VOLUME" is the maximum volume of fluid which can be injected into the exempted area before the injected fluids exceed the exemption boundary, calculated using the following formula:

$$V = \text{Pi} * \text{radius}^2 * \text{height} * \text{porosity} / 5.615$$

where V = VOLUME (in barrels)

Pi = 3.1416

radius² = Exempted Radius (squared) - generally 1/4 mile

height = height of reservoir ("BOTTOM" - "TOP")
 porosity = reservoir porosity (in percent)
 5.615 = conversion factor (cubic feet per barrel)

TABLE 2.5
AQUIFER EXEMPTION
Harbourtown Federal 21-33-8-17

Formation Name	Top (ft)	Base (ft)	Criteria	Volume (bbl)
lower Green River	4,173.00	6,200.00	b(1)	158,085,700.00

An aquifer or a portion thereof may be determined to be an "exempted aquifer" provided it meets criteria, listed below.

- a It does not currently serve as a source of drinking water; AND
- b(1) It cannot now and will not in the future serve as a source of drinking water because it is mineral, hydrocarbon, or geothermal energy producing, or can be demonstrated by a permit applicant as part of a permit for a Class II or III operation to contain minerals or hydrocarbons that considering their quantity and location are expected to be commercially producible; OR

Based on production water analysis from the Harbourtown 21-33-8-17 well tank, the total dissolved solids (TDS) of the proposed injection zone, in the lower Green River Formation is 2,462 mg/l. This means the proposed injection zone is considered to be a USDW and must be exempted before injection may take place. The basis for the proposed aquifer exemption, pursuant to 40 CFR 146.4(b)(1), is that the injection zone is shown in the application to be hydrocarbon producing.

- b(2) It cannot now and will not in the future serve as a source of drinking water because it is situated at a depth or location which makes recovery of water for drinking water purposes economically or technically impractical; OR
- b(3) It cannot now and will not in the future serve as a source of drinking water because it is so contaminated that it would be economically or technologically impractical to render that water fit for human consumption; OR
- b(4) It cannot now and will not in the future serve as a source of drinking water because it is located over a Class III well mining area subject to subsidence or catastrophic collapse; OR
- c The total dissolved solids content of the ground water is more than 3,000 and less than 10,000 mg/l and it is not reasonably expected to supply a public water system.

PART III. Well Construction (40 CFR 146.22)

TABLE 3.1
WELL CONSTRUCTION REQUIREMENTS
Harbourtown Federal 21-33-8-17

Casing Type	Hole Size (in)	Casing Size (in)	Cased Interval (ft)	Cemented Interval (ft)
long string	8.50	5.87	0.00 - 5,909.00	2,072.00 - 5,909.00
surface	12.25	8.63	0.00 - 299.00	0.00 - 299.00

The approved well completion plan will be incorporated into the Permit as APPENDIX A and will be binding on the Permittee. Modification of the approved plan is allowed under 40 CFR 144.52(a)(1) provided written approval is obtained from the Director prior to actual modification.

Casing and Cementing (TABLE 3.1)

The construction plan for the well or wells proposed for conversion to an injection well was evaluated and determined to be in conformance with standard practices and guidelines that ensure well injection does not result in the movement of fluids into USDWs. Well construction and conversion details for the well or wells are shown in TABLE 3.1.

The well was drilled in March 1998 to a total depth of 5,950 ft, and began oil production from the Green River Formation in April 1998. Surface casing was set at 299 ft below ground surface (BGS) and cemented to surface using 175 sx cement. Long string casing was set at 5,909 ft and cemented with 510 sx cement to approximately 1,350 ft BGS by CBL, [2,072 ft BGS calculated]. The cement bond log (CBL) was run from 950 ft to 1,500 ft and from 3,971 ft to TD, but not across the confining zone from 3,670 ft to 3,863 ft, so no evaluation of the cement across the confining zone was possible, nor was top of cement able to be clearly identified.

Tubing and Packer

Injection tubing is required to be installed from a packer up to the surface inside the well casing. The packer will be set above the uppermost perforation. The tubing and packer are designed to prevent injection fluid from coming into contact with the outermost casing.

For injection service a packer and tubing assembly are required. The tubing shall be of 2-7/8 inch or similar size, and the packer shall be set no more than 100 ft above the top perforation.

Tubing-Casing Annulus (TCA)

The TCA allows the casing, tubing and packer to be pressure-tested periodically for mechanical integrity, and will allow for detection of leaks. The TCA will be filled with fresh water treated with a corrosion inhibitor or other fluid approved by the Director.

Monitoring Devices

The permittee will be required to install and maintain wellhead equipment that allows for monitoring pressures and providing access for sampling the injected fluid. Required equipment may include but is not limited to: 1) shut-off valves located at the wellhead on the injection tubing and on the

TCA; 2) a flow meter that measures the cumulative volume of injected fluid; 3) fittings or pressure gauges attached to the injection tubing and the TCA for monitoring the injection and TCA pressure; and 4) a tap on the injection line, isolated by shut-off valves, for sampling the injected fluid.

All sampling and measurement taken for monitoring must be representative of the monitored activity.

PART IV. Area of Review, Corrective Action Plan (40 CFR 144.55)

**TABLE 4.1
AOR AND CORRECTIVE ACTION**

Well Name	Type	Status (Abandoned Y/N)	Total Depth (ft)	TOC Depth (ft)	CAP Required (Y/N)
Tar Sands Federal	Producer	No	6,000.00	0.00	No

TABLE 4.1 lists the wells in the Area of Review ("AOR") and shows the well type, operating status, depth, top of casing cement ("TOC") and whether a Corrective Action Plan ("CAP") is required for the well.

Area Of Review

Applicants for Class I, II (other than "existing" wells) or III injection well Permits are required to identify the location of all known wells within the injection well's Area of Review (AOR) which penetrate the injection zone, or in the case of Class II wells operating over the fracture pressure of the formation, all known wells within the area of review that penetrate formations which may be affected by increased pressure. Under 40 CFR 146.6 the AOR may be a fixed radius of not less than one quarter (1/4) mile or a calculated zone of endangering influence. For Area Permits, a fixed width of not less than one quarter (1/4) mile for the circumscribing area may be used.

There are no known surface folds or faults in the field.

There are four active producing oil wells within the area of review. The well construction information for each well has been reviewed, and is considered adequate to prevent migration of injected fluid out of the injection zone. Corrective action is not required at this time.

Corrective Action Plan

For wells in the AOR which are improperly sealed, completed, or abandoned, the applicant shall develop a Corrective Action Plan (CAP) consisting of the steps or modifications that are necessary to prevent movement of fluid into USDWs.

The CAP will be incorporated into the Permit as APPENDIX F and become binding on the permittee.

TABLE 4.1 lists the wells in the AOR, and shows the well type, operating status, depth, top of casing cement and whether a CAP is required for this well.

PART V. Well Operation Requirements (40 CFR 146.23)

TABLE 5.1
INJECTION ZONE PRESSURES
Harbourtown Federal 21-33-8-17

Formation Name	Depth Used to Calculate MAIP (ft)	Fracture Gradient (psi/ft)	Initial MAIP (psi)
lower Green River	4,173.00	0.780	1,440

Approved Injection Fluid

The approved injection fluid is limited to Class II injection well fluids pursuant to 40 CFR § 144.6(b). For disposal wells injecting water brought to the surface in connection with natural gas storage operations, or conventional oil or natural gas production, the fluid may be commingled and the well used to inject other Class II wastes such as drilling fluids and spent well completion, treatment and stimulation fluid. Injection of non-exempt wastes, including unused fracturing fluids or acids, gas plant cooling tower cleaning wastes, service wastes and vacuum truck wastes, is prohibited.

The proposed injectate is a blend of source water from the Johnson Water District Reservoir with a TDS of 674 mg/l, occasionally blended with produced water with a TDS 7,054 mg/l at the Monument Butte Injection Facility.

Injection Pressure Limitation

Injection pressure, measured at the wellhead, shall not exceed a maximum calculated to assure that the pressure used during injection does not initiate new fractures or propagate existing fractures in the confining zones adjacent to the USDWs.

The Initial MAIP is 1,440 psi, based on a specific gravity of 1.003, a fracture gradient of .78 psi/ft and a top perforation of 5,020 ft.

The applicant submitted injection fluid density and injection zone data which was used to calculate a formation fracture pressure and to determine the maximum allowable injection pressure (MAIP), as measured at the surface, for this Permit,

TABLE 5.1 lists the fracture gradient for the injection zone and the approved MAIP, determined according to the following formula:

$$FP = [fg - (0.433 * sg)] * d$$

- FP = formation fracture pressure (measured at surface)
- fg = fracture gradient (from submitted data or tests)
- sg = specific gravity (of injected fluid)
- d = depth to top of injection zone (or top perforation)

Injection Volume Limitation

Cumulative injected fluid volume limits are set to assure that injected fluids remain within the boundary of the exempted area. Cumulative injected fluid volume is limited when injection occurs into an aquifer that has been exempted from protection as a USDW.

There is no restriction on the cumulative volume of authorized fluid injected into the approved injection zone, as long as the injection is for the purpose of enhanced recovery by waterflood.

Mechanical Integrity (40 CFR 146.8)

An injection well has mechanical integrity if:

1. there is no significant leak in the casing, tubing, or packer (Part I); and
2. there is no significant fluid movement into a USDW through vertical channels adjacent to the injection well bore (Part II).

The Permit prohibits injection into a well which lacks mechanical integrity.

The Permit requires that the well demonstrate mechanical integrity prior to injection and periodically thereafter. A demonstration of mechanical integrity includes both internal (Part I) and external (Part II). The methods and frequency for demonstrating Part I and Part II mechanical integrity are dependent upon well-specific conditions as explained below.

Part I MI This well is constructed with a standard casing, tubing, and packer configuration. A successful demonstration of Part I (Internal) mechanical integrity (Part I MI), no significant leak in the casing, tubing or packer, is required prior to commencing injection and at least once every five years thereafter. Demonstration of Part I MI is also required prior to resuming injection following any workover operation that affects the casing, tubing, or packer. Part I MI may be demonstrated by a standard tubing casing annulus pressure test using the maximum permitted injection pressure or 1,000 psi, whichever is less, with no greater than ten percent pressure loss over thirty minutes.

Part II MI The cement bond log (CBL) was run from 950 ft to 1,500 ft and from 3,971 ft to TD, but not across the confining zone from 3,670 ft to 3,863 ft, so no evaluation of the cement across the confining zone was possible, nor was top of cement able to be clearly identified.

Therefore, the applicant may run a new CBL from at least 950 ft down to TD, and if the CBL shows 80% or greater bond index cement through and across the confining zone pursuant to standards of Region 8 GROUND WATER SECTION GUIDANCE NO. 34 ACement Bond Logging Techniques and Interpretation@, Part II (External) Mechanical Integrity (Part II MI) may be considered demonstrated.

If the cement bond log (CBL) cementing records do not indicate the presence of adequate cement to prevent significant fluid movement through vertical channels adjacent to the injection well bore, Part II MI, the permittee will be required to demonstrate Part II (External) Mechanical Integrity (Part II MI) within a limited authorized period. The demonstration shall be by radioactive tracer survey or temperature survey. A limited authorized period may be authorized that will allow injection for the purpose of stabilizing the injection formation pressure prior to demonstrating Part II MI, necessary because the proposed injection zone may be underpressured due to previous oil production from the zone and the tests rely on stable formation pressure.

PART VI. Monitoring, Recordkeeping and Reporting Requirements

At least once a year the permittee must analyze a sample of the injected fluid for total dissolved solids (TDS), specific conductivity, pH, and specific gravity. This analysis shall be reported to EPA annually as part of the Annual Report to the Director. Any time a new source of injected fluid is added, a fluid analysis shall be made of the new source.

Instantaneous injection pressure, injection flow rate, cumulative fluid volume and TCA pressures must be observed on a weekly basis. A recording, at least once every thirty (30) days, must be made of the injection pressure, injection flow rate and cumulative fluid volume, and the maximum and average value for each must be determined for each month. This information is required to be reported annually as part of the Annual Report to the Director.

PART VII. Plugging and Abandonment Requirements (40 CFR 146.10)

Plugging and Abandonment Plan

Prior to abandonment, the well or wells must be plugged with cement in a manner which will not allow the movement of fluids either into or between USDWs. The plugging and abandonment plan is described in Appendix E of the Permit.

The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluid into or between USDWs, and in accordance with other applicable federal, State or local law or regulation. Tubing, packer and other downhole apparatus shall be removed. Cement with additives such as accelerators and retarders that control or enhance cement properties may be used for plugs; however, volume-extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.6 lb/gal shall be placed between all plugs. A minimum 50 ft surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520 13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. The permittee is required to also comply with other applicable federal, state and local plugging regulations. At a minimum, the following plugs are required:

PLUG 1: Remove tubing from the well, perform necessary clean out, and displace fluid in well with 9.6 lb. plugging gel. Set a cast iron bridge plug (CIBP) no more than 100 ft above the top perforation at 5,020, ft with a minimum 20 ft cement plug on top of the CIBP.

PLUG 2: Set a minimum 100 ft balanced cement plug across the base of the Uintah Formation at 2,382 ft.

PLUG 3: Set a minimum 200 ft balanced cement plug from approximately 2,000 to 2,200 ft.

PLUG 4: Rig up and perforate casing at 349 ft. Pump and circulate at least 109 sx cement down the 5-1/2 inch casing and up the 5-1/2 inch x 8-5/8 inch annulus, to emplace across the base of the casing shoe at 299 ft up to the surface.

PART VIII. Financial Responsibility (40 CFR 144.52)

Demonstration of Financial Responsibility

The permittee is required to maintain financial responsibility and resources to close, plug, and

abandon the underground injection operation in a manner prescribed by the Director. The permittee shall show evidence of such financial responsibility to the Director by the submission of a surety bond, or other adequate assurance such as financial statements or other materials acceptable to the Director. The Regional Administrator may, on a periodic basis, require the holder of a lifetime permit to submit a revised estimate of the resources needed to plug and abandon the well to reflect inflation of such costs, and a revised demonstration of financial responsibility if necessary. Initially, the operator has chosen to demonstrate financial responsibility with:

The applicant submitted an estimate of \$33,025 for the P&A of this well. Financial responsibility is being demonstrated through submittal of annual statements that must continue to meet the EPA financial test requirements for adequate corporate guarantee.

Financial Statement, received April 22, 2005

Evidence of continuing financial responsibility is required to be submitted to the Director annually.

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-76955

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GREATER BOUNDARY II

8. WELL NAME and NUMBER:
HARBOURTOWN FED 21-33

9. API NUMBER:
4301331914

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

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: 513 FNL 1938 FWL COUNTY: DUCHESNE

OTR/OTR SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW, 33, T8S, R17E STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 12/15/2006	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The subject well has been converted from a producing oil well to an injection well on 11/21/06. One new interval was added, the GB sds 4401'-4408'4 JSPF, 28 shots. On 11/28/06 Dan Jackson with the EPA was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 12/1/06. On 12/1/06 the casing was pressured up to 1100 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT21025-07092 API# 43-013-31914

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

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk

SIGNATURE  DATE 12/15/2006

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RECEIVED
DEC 21 2006

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: 12/01/06
 Test conducted by: Dale Giles
 Others present: _____

Well Name: <u>Harbourtown Fed 21-33-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Greater Boundary Unit</u>		
Location: _____	Sec: <u>33</u> T <u>8</u> N <u>(S)</u> R <u>17</u> <u>(E)</u> W	County: <u>Duchesne</u> State: <u>Ut</u>
Operator: <u>Newfield Production Co.</u>		
Last MIT: <u> / / </u>	Maximum Allowable Pressure: _____	PSIG

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

Pre-test casing/tubing annulus pressure: 0 psig

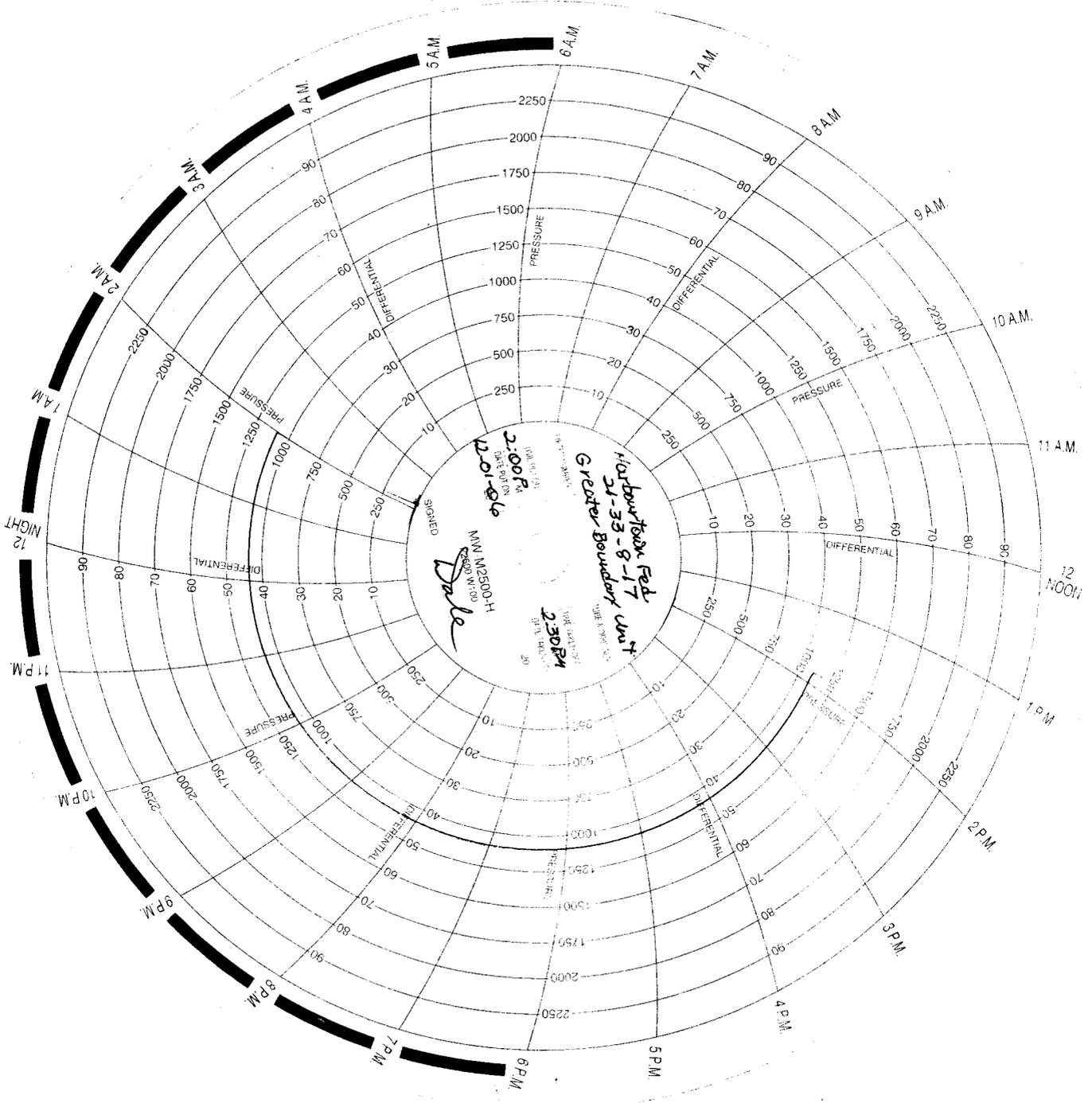
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u> 0 </u> psig	psig	psig
End of test pressure	<u> 0 </u> psig	psig	psig
CASING/TUBING ANNULUS PRESSURE			
0 minutes	<u>1100</u> psig	psig	psig
5 minutes	<u>1100</u> psig	psig	psig
10 minutes	<u>1100</u> psig	psig	psig
15 minutes	<u>1100</u> psig	psig	psig
20 minutes	<u>1100</u> psig	psig	psig
25 minutes	<u>1100</u> psig	psig	psig
30 minutes	<u>1100</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: _____



High Boundary Fedt
Greater Boundary Unit
2:00 PM
2:30 PM
SIGNED Dale
MNI M2500-H

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-76955

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GREATER BOUNDARY II

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 WI

8. WELL NAME and NUMBER:
HARBOURTOWN FED 21-33

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301331914

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: 513 FNL 1938 FWL COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENW, 33, T8S, R17E STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will <u>10/29/2008</u>	<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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: _____	<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 type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Change status, put well on injection.
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The above reference well was put on injection at 4:00 PM on 10-29-08.

NAME (PLEASE PRINT) Kathy Chapman TITLE Office Manager
SIGNATURE *Kathy Chapman* DATE 10/30/2008

(This space for State use only)

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NOV 03 2008
DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-76955
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: GREATER BOUNDARY II
8. WELL NAME and NUMBER: HARBOURTOWN FED 21-33
9. API NUMBER: 4301331914
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: 513 FNL 1938 FWL COUNTY: DUCHESNE
OTR/TR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENW, 33, T8S, R17E STATE: UT

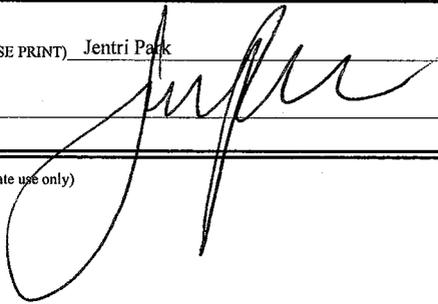
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 12/29/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Leaking injector
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The above subject well had workover procedures performed (leaking injector), attached is a daily status report. On 01/02/08 Nathan Wisner with the EPA was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 01/07/09. On 01/07/09 the csg was pressured up to 1360 psig and charted for 30 minutes with not pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT 21045-07092
API# 43-013-31914

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

NAME (PLEASE PRINT) Jentri Park TITLE Production Tech
SIGNATURE  DATE 01/12/2009

(This space for State use only)

Daily Activity Report

Format For Sundry

HRBRTWN 21-33-8-17**10/1/2008 To 2/28/2009****12/24/2008 Day: 1****Workover****Western #1 on 12/23/2008 - MIRU Western #1. Release pkr. NU BOP. SWIFN.**

12/25/2008 Day: 2**Workover****Western #1 on 12/24/2008 - Flush tbg. w/ 40 bbls water. Drop standing valve. Pressure test tbg. to 2500 psi w/ no bleed off. Retrieve standing valve. POOH w/ tbg. LD AS1 pkr. RIH w/ AS1 pkr., PSN w/ standing valve in place, 138 jts 2 7/8" tbg. Pressure test tbg. to 3000 psi for 30 min. w/ no bleed off. Retrieve standing valve. ND BOP. Set AS1 pkr. @ 4331' w/ 16,000# tension. Pressure csg. to 1500 psi. SWIFN.**

12/30/2008 Day: 3**Workover****Western #1 on 12/29/2008 - Bump csg. To 1500 psi. Held @ 1500 psi for 30 min. w/ no bleed off. RD. Final Report.**

1/8/2009 Day: 4**Workover****Rigless on 1/7/2009 - On 1/2/08 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well (Harbourtown Federal 21-33-8-17). Permission was given at that time to perform the test on 1/7/09. On 1/7/09 the csg was pressured up to 1360 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT 21045-07092 API# 43-013-31914**

Pertinent Files: Go to File List

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 1 / 17 / 09

Test conducted by: Chris Wilkerson

Others present: _____

Well Name: <u>Harbourtown Fed. 21-33-8-17</u> Type: ER SWD		Status: AC TA UC	
Field: <u>Mon-Butte - Wildrose</u>			
Location: <u>NE/NW</u>	Sec: <u>33</u> T <u>8</u> N <u>(S)</u> R <u>17</u> <u>(E)</u> W	County: <u>Duchesne</u>	State: <u>UT</u>
Operator: <u>Newfield</u>			
Last MIT: <u> </u> / <u> </u> / <u> </u>		Maximum Allowable Pressure: <u>1500</u>	PSIG

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

Pre-test casing/tubing annulus pressure: 0 psig

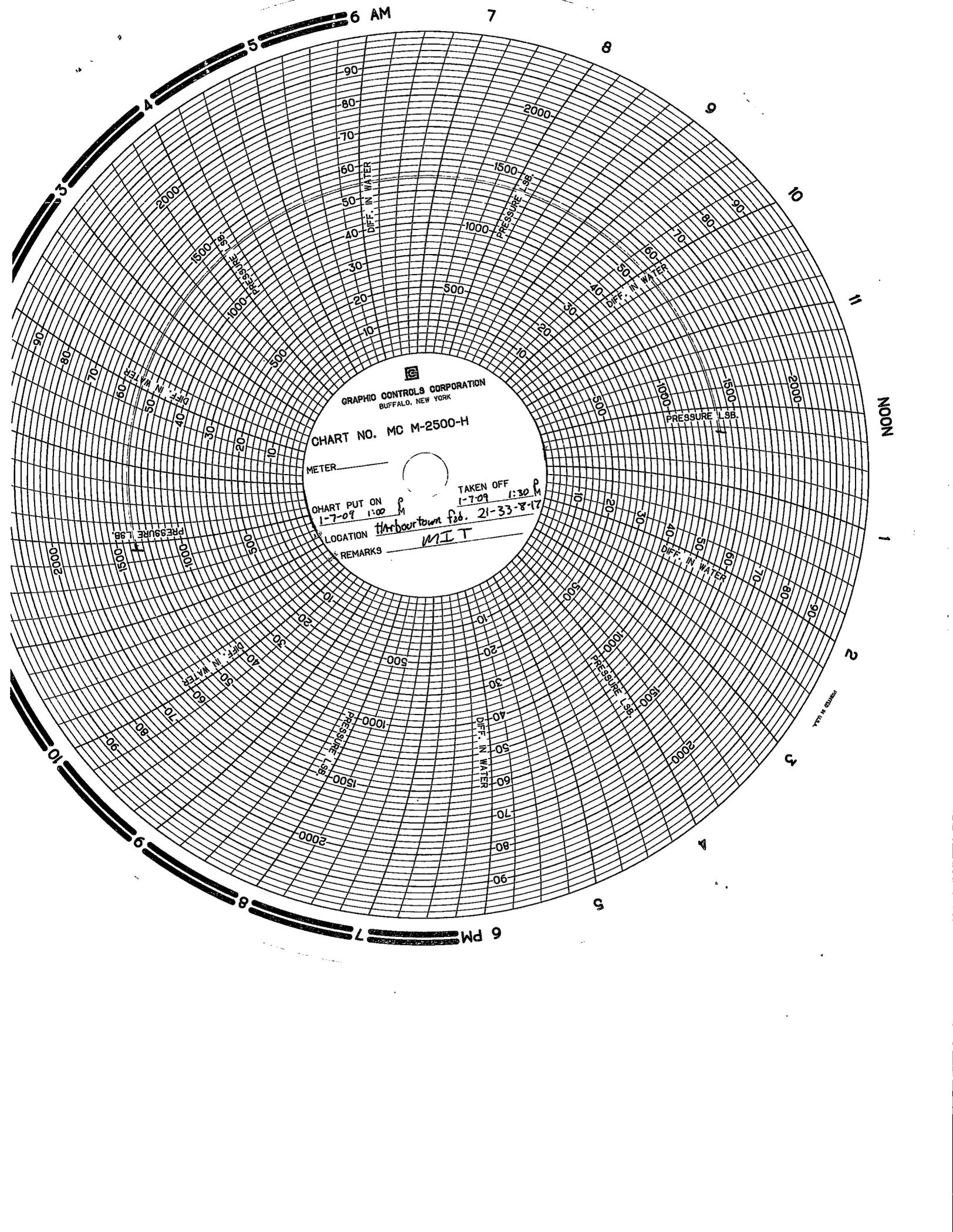
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	0 psig	psig	psig
End of test pressure	0 psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	1360 psig	psig	psig
5 minutes	1360 psig	psig	psig
10 minutes	1360 psig	psig	psig
15 minutes	1360 psig	psig	psig
20 minutes	1360 psig	psig	psig
25 minutes	1360 psig	psig	psig
30 minutes	1360 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: _____



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

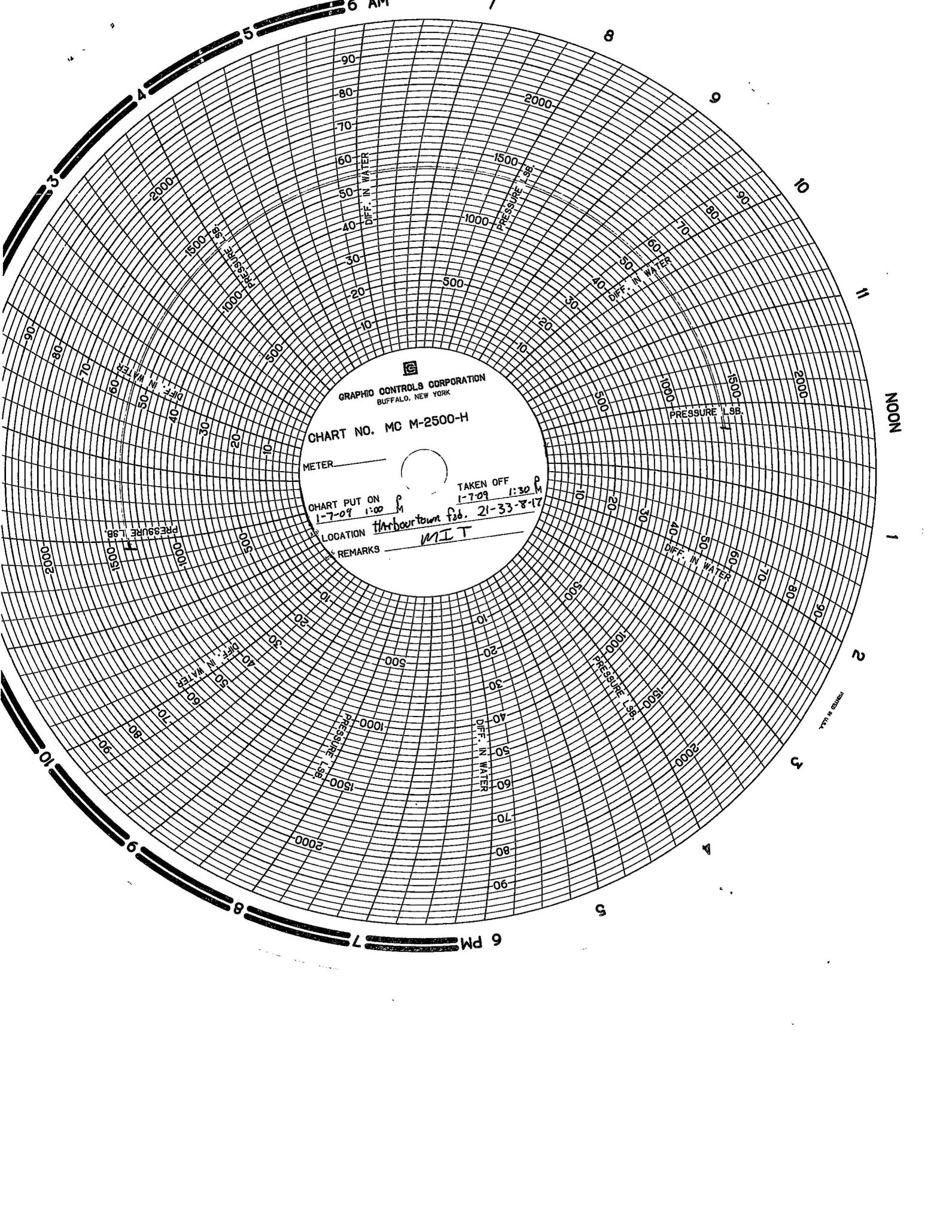
CHART NO. MC M-2500-H

METER _____

CHART PUT ON 1-7-09 1:00 P
TAKEN OFF 1-7-09 1:30 P

LOCATION *Harbourtown Feb. 21-33-8-17*

REMARKS *MIT*





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

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

Ref: 8ENF-UFO

JAN 20 2009

CERTIFIED MAIL 7005-0390-0000-4848-5740
RETURN RECEIPT REQUESTED

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

Mike Guinn, District Manager
Newfield Production Company
Route 3, Box 3630
Myton, Utah 84052

43 013 31914

Re: Underground Injection Control (UIC)
Permission To Resume Injection
Harbourtown Federal #21-33-8-17 Well
EPA Permit #UT21045-07092
Monument Butte Oil Field
Duchesne County, Utah

85 17E 33

Dear Mr. Guinn:

On January 16, 2009, EPA received information from Newfield Production Company on the above referenced well concerning the workover to address a leaking packer and the followup mechanical integrity test (MIT) conducted on January 7, 2009. 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 January 7, 2014.

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

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

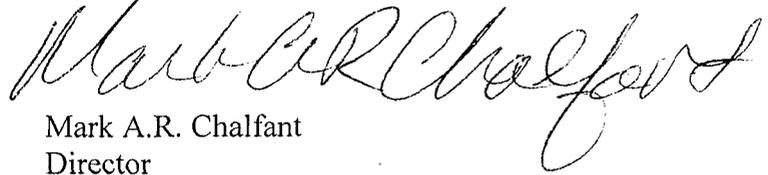
RECEIVED

JAN 26 2009

DIV. OF OIL, GAS & MINING

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

Sincerely,



Mark A.R. Chalfant
Director
Technical Enforcement Program

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

Michelle Sabori, Acting Environmental Director
Ute Indian Tribe
P.O. Box 460
Fort Duchesne, Utah 84026

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-76955
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or GREATER BOUNDARY II
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 513 FNL 1938 FWL NENW Section 33 T8S R17E		8. Well Name and No. HARBOURTOWN FED 21-33
		9. API Well No. 4301331914
		10. Field and Pool, or Exploratory Area MONUMENT BUTTE
		11. County or Parish, State DUCHESNE, UT

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

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

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

A step rate test was conducted on the subject well on March 30, 2009. Results from the test indicate that the fracture gradient is .739 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1315 psi.

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

I hereby certify that the foregoing is true and correct <i>Printed/ Typed</i> Chevenne Bateman	Title Well Analyst Foreman
Signature 	Date 03/30/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

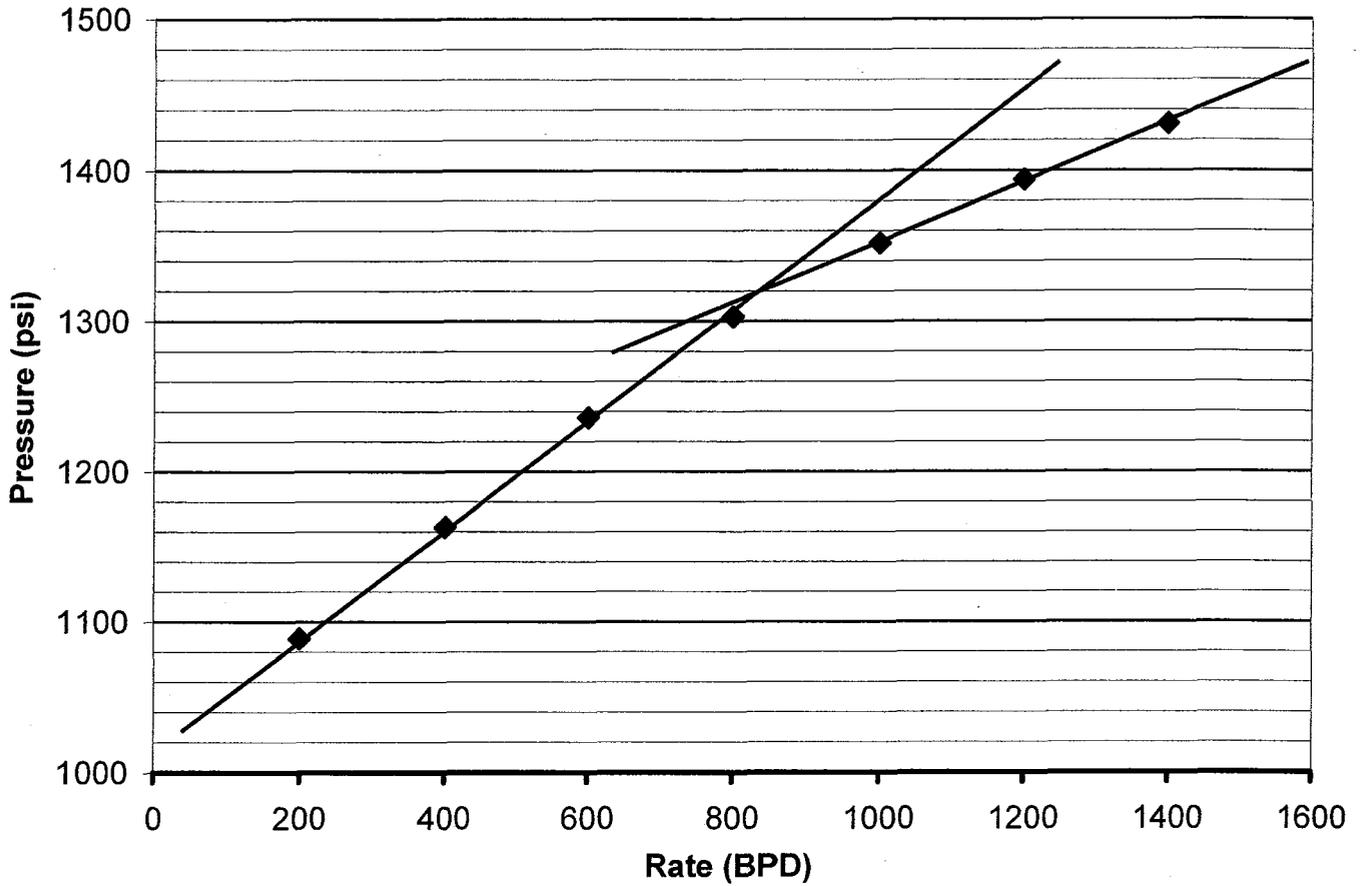
(Instructions on page 2)

RECEIVED

MAR 31 2009

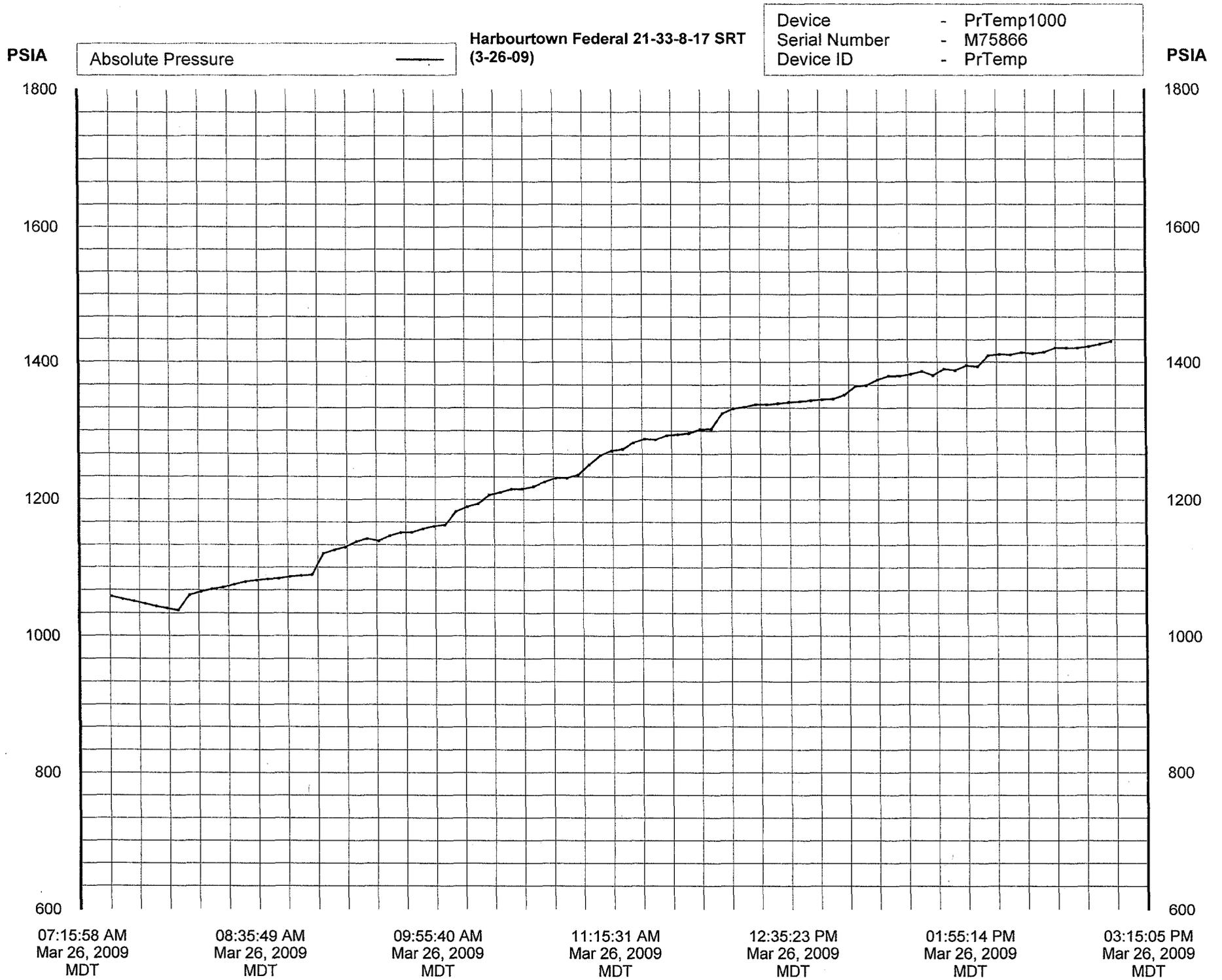
DIV. OF OIL, GAS & MINING

Harbourtown Federal 21-33-8-17
Greater Boundary II Unit
Step Rate Test
March 26, 2009



Start Pressure: 1037 psi
Instantaneous Shut In Pressure (ISIP): 1387 psi
Top Perforation: 4401 feet
Fracture pressure (Pfp): 1320 psi
FG: 0.739 psi/ft

<u>Step</u>	<u>Rate(bpd)</u>	<u>Pressure(psi)</u>
1	200	1089
2	400	1163
3	600	1236
4	800	1303
5	1000	1352
6	1200	1394
7	1400	1431



Report Name: PrTemp1000 Data Table
 Report Date: Mar 26, 2009 05:16:58 PM MDT
 File Name: S:\Welinfo\PTC@ Instruments 2.00\Harbourtown Federal 21-33-8-17 SRT (2-26-09).csv
 Title: Harbourtown Federal 21-33-8-17 SRT (3-26-09)
 Device: PrTemp1000 - Temperature and Pressure Recorder
 Hardware Revision: REV2C (64K)
 Serial Number: M75866
 Device ID: PrTemp
 Data Start Date: Mar 26, 2009 07:30:01 AM MDT
 Data End Date: Mar 26, 2009 03:00:01 PM MDT
 Reading Rate: 1 Minute
 Readings: 1 to 91 of 91
 Last Calibration Date: May 21, 2008
 Next Calibration Date: May 21, 2009

<u>Reading</u>	<u>Date and Time (MDT)</u>	<u>Absolute Pressure</u>	<u>Annotation</u>
1	Mar 26, 2009 07:30:01 AM	1057.600	PSIA
2	Mar 26, 2009 07:35:00 AM	1053.800	PSIA
3	Mar 26, 2009 07:40:01 AM	1050.600	PSIA
4	Mar 26, 2009 07:45:00 AM	1046.800	PSIA
5	Mar 26, 2009 07:50:01 AM	1043.200	PSIA
6	Mar 26, 2009 07:55:00 AM	1040.200	PSIA
7	Mar 26, 2009 08:00:00 AM	1037.400	PSIA
8	Mar 26, 2009 08:05:01 AM	1059.600	PSIA
9	Mar 26, 2009 08:10:01 AM	1064.400	PSIA
10	Mar 26, 2009 08:15:01 AM	1068.000	PSIA
11	Mar 26, 2009 08:20:00 AM	1070.800	PSIA
12	Mar 26, 2009 08:25:01 AM	1075.000	PSIA
13	Mar 26, 2009 08:30:00 AM	1078.800	PSIA
14	Mar 26, 2009 08:35:01 AM	1081.000	PSIA
15	Mar 26, 2009 08:40:00 AM	1083.000	PSIA
16	Mar 26, 2009 08:45:01 AM	1083.600	PSIA
17	Mar 26, 2009 08:50:01 AM	1086.600	PSIA
18	Mar 26, 2009 08:55:01 AM	1087.800	PSIA
19	Mar 26, 2009 09:00:01 AM	1089.400	PSIA
20	Mar 26, 2009 09:05:00 AM	1120.600	PSIA
21	Mar 26, 2009 09:10:01 AM	1126.000	PSIA
22	Mar 26, 2009 09:15:00 AM	1130.000	PSIA
23	Mar 26, 2009 09:20:01 AM	1138.400	PSIA
24	Mar 26, 2009 09:25:00 AM	1142.600	PSIA
25	Mar 26, 2009 09:30:01 AM	1139.200	PSIA
26	Mar 26, 2009 09:35:09 AM	1147.000	PSIA
27	Mar 26, 2009 09:40:01 AM	1151.800	PSIA
28	Mar 26, 2009 09:45:01 AM	1152.000	PSIA
29	Mar 26, 2009 09:50:13 AM	1157.200	PSIA
30	Mar 26, 2009 09:55:09 AM	1161.000	PSIA
31	Mar 26, 2009 10:00:00 AM	1162.800	PSIA
32	Mar 26, 2009 10:05:01 AM	1182.200	PSIA
33	Mar 26, 2009 10:10:09 AM	1189.400	PSIA
34	Mar 26, 2009 10:15:01 AM	1193.800	PSIA
35	Mar 26, 2009 10:20:01 AM	1206.800	PSIA
36	Mar 26, 2009 10:25:01 AM	1210.600	PSIA
37	Mar 26, 2009 10:30:01 AM	1215.200	PSIA
38	Mar 26, 2009 10:35:02 AM	1215.600	PSIA
39	Mar 26, 2009 10:40:01 AM	1219.000	PSIA
40	Mar 26, 2009 10:45:00 AM	1225.800	PSIA
41	Mar 26, 2009 10:50:01 AM	1231.600	PSIA
42	Mar 26, 2009 10:55:00 AM	1231.600	PSIA
43	Mar 26, 2009 11:00:01 AM	1236.200	PSIA
44	Mar 26, 2009 11:05:01 AM	1250.600	PSIA
45	Mar 26, 2009 11:10:01 AM	1265.000	PSIA
46	Mar 26, 2009 11:15:01 AM	1271.400	PSIA
47	Mar 26, 2009 11:20:00 AM	1273.800	PSIA
48	Mar 26, 2009 11:25:01 AM	1283.000	PSIA
49	Mar 26, 2009 11:30:00 AM	1288.600	PSIA
50	Mar 26, 2009 11:35:01 AM	1287.800	PSIA
51	Mar 26, 2009 11:40:00 AM	1294.200	PSIA
52	Mar 26, 2009 11:45:01 AM	1295.400	PSIA
53	Mar 26, 2009 11:50:01 AM	1297.200	PSIA
54	Mar 26, 2009 11:55:01 AM	1302.200	PSIA
55	Mar 26, 2009 12:00:01 PM	1302.800	PSIA
56	Mar 26, 2009 12:05:01 PM	1325.400	PSIA
57	Mar 26, 2009 12:10:01 PM	1332.400	PSIA
58	Mar 26, 2009 12:15:00 PM	1334.600	PSIA
59	Mar 26, 2009 12:20:01 PM	1338.600	PSIA

60	Mar 26, 2009 12:25:00 PM	1338.400	PSIA
61	Mar 26, 2009 12:30:01 PM	1340.000	PSIA
62	Mar 26, 2009 12:35:01 PM	1341.800	PSIA
63	Mar 26, 2009 12:40:01 PM	1343.000	PSIA
64	Mar 26, 2009 12:45:01 PM	1344.000	PSIA
65	Mar 26, 2009 12:50:00 PM	1345.600	PSIA
66	Mar 26, 2009 12:55:01 PM	1346.400	PSIA
67	Mar 26, 2009 01:00:00 PM	1352.200	PSIA
68	Mar 26, 2009 01:05:01 PM	1365.200	PSIA
69	Mar 26, 2009 01:10:00 PM	1366.400	PSIA
70	Mar 26, 2009 01:15:01 PM	1374.400	PSIA
71	Mar 26, 2009 01:20:01 PM	1380.000	PSIA
72	Mar 26, 2009 01:25:01 PM	1379.600	PSIA
73	Mar 26, 2009 01:30:01 PM	1382.600	PSIA
74	Mar 26, 2009 01:35:00 PM	1386.800	PSIA
75	Mar 26, 2009 01:40:01 PM	1380.800	PSIA
76	Mar 26, 2009 01:45:00 PM	1390.400	PSIA
77	Mar 26, 2009 01:50:01 PM	1388.400	PSIA
78	Mar 26, 2009 01:55:00 PM	1395.600	PSIA
79	Mar 26, 2009 02:00:01 PM	1394.000	PSIA
80	Mar 26, 2009 02:05:01 PM	1409.800	PSIA
81	Mar 26, 2009 02:10:01 PM	1411.600	PSIA
82	Mar 26, 2009 02:15:01 PM	1411.000	PSIA
83	Mar 26, 2009 02:20:00 PM	1414.400	PSIA
84	Mar 26, 2009 02:25:01 PM	1412.800	PSIA
85	Mar 26, 2009 02:30:00 PM	1415.200	PSIA
86	Mar 26, 2009 02:35:01 PM	1421.400	PSIA
87	Mar 26, 2009 02:40:00 PM	1421.400	PSIA
88	Mar 26, 2009 02:45:01 PM	1420.800	PSIA
89	Mar 26, 2009 02:50:00 PM	1423.200	PSIA
90	Mar 26, 2009 02:55:01 PM	1426.800	PSIA
91	Mar 26, 2009 03:00:01 PM	1430.600	PSIA

PSIA

Absolute Pressure

Harbourtown Federal 21-33-8-17 ISIP
(3-26-09)

Device - PrTemp1000
Serial Number - M75866
Device ID - PrTemp

PSIA

1500

1450

1400

1350

1300

1250

1200

1500

1450

1400

1350

1300

1250

1200

02:58:00 PM
Mar 26, 2009
MDT

03:03:40 PM
Mar 26, 2009
MDT

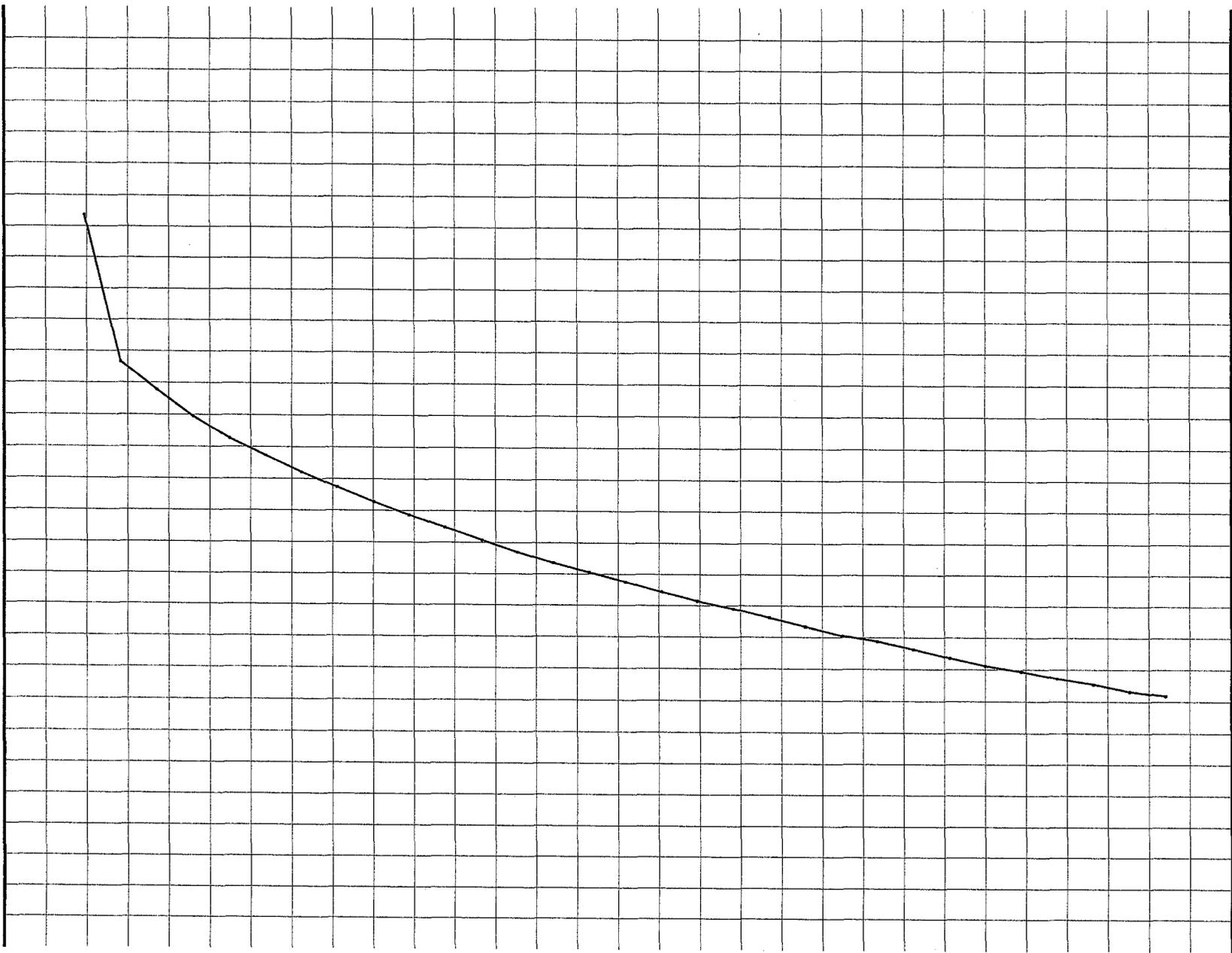
03:09:20 PM
Mar 26, 2009
MDT

03:15:00 PM
Mar 26, 2009
MDT

03:20:40 PM
Mar 26, 2009
MDT

03:26:20 PM
Mar 26, 2009
MDT

03:32:00 PM
Mar 26, 2009
MDT



Report Name: PrTemp1000 Data Table
 Report Date: Mar 26, 2009 05:16:50 PM MDT
 File Name: S:\Welinfo\PTC@ Instruments 2.00\Harbourtown Federal 21-33-8-17 ISIP (2-26-09).csv
 Title: Harbourtown Federal 21-33-8-17 ISIP (3-26-09)
 Device: PrTemp1000 - Temperature and Pressure Recorder
 Hardware Revision: REV2C (64K)
 Serial Number: M75866
 Device ID: PrTemp
 Data Start Date: Mar 26, 2009 03:00:12 PM MDT
 Data End Date: Mar 26, 2009 03:30:12 PM MDT
 Reading Rate: 1 Minute
 Readings: 1 to 31 of 31
 Last Calibration Date: May 21, 2008
 Next Calibration Date: May 21, 2009

<u>Reading</u>	<u>Date and Time (MDT)</u>	<u>Absolute Pressure</u>	<u>Annotation</u>
1	Mar 26, 2009 03:00:12 PM	1433.800	PSIA
2	Mar 26, 2009 03:01:12 PM	1386.600	PSIA
3	Mar 26, 2009 03:02:12 PM	1377.800	PSIA
4	Mar 26, 2009 03:03:12 PM	1369.600	PSIA
5	Mar 26, 2009 03:04:12 PM	1362.800	PSIA
6	Mar 26, 2009 03:05:12 PM	1357.400	PSIA
7	Mar 26, 2009 03:06:12 PM	1352.000	PSIA
8	Mar 26, 2009 03:07:12 PM	1347.400	PSIA
9	Mar 26, 2009 03:08:13 PM	1342.800	PSIA
10	Mar 26, 2009 03:09:12 PM	1338.600	PSIA
11	Mar 26, 2009 03:10:12 PM	1334.800	PSIA
12	Mar 26, 2009 03:11:13 PM	1330.800	PSIA
13	Mar 26, 2009 03:12:12 PM	1327.000	PSIA
14	Mar 26, 2009 03:13:12 PM	1323.600	PSIA
15	Mar 26, 2009 03:14:12 PM	1320.600	PSIA
16	Mar 26, 2009 03:15:12 PM	1317.600	PSIA
17	Mar 26, 2009 03:16:12 PM	1314.400	PSIA
18	Mar 26, 2009 03:17:12 PM	1311.400	PSIA
19	Mar 26, 2009 03:18:12 PM	1309.000	PSIA
20	Mar 26, 2009 03:19:12 PM	1306.200	PSIA
21	Mar 26, 2009 03:20:12 PM	1303.400	PSIA
22	Mar 26, 2009 03:21:12 PM	1300.600	PSIA
23	Mar 26, 2009 03:22:12 PM	1298.800	PSIA
24	Mar 26, 2009 03:23:12 PM	1296.400	PSIA
25	Mar 26, 2009 03:24:13 PM	1293.600	PSIA
26	Mar 26, 2009 03:25:12 PM	1291.200	PSIA
27	Mar 26, 2009 03:26:12 PM	1289.400	PSIA
28	Mar 26, 2009 03:27:12 PM	1287.200	PSIA
29	Mar 26, 2009 03:28:12 PM	1285.400	PSIA
30	Mar 26, 2009 03:29:12 PM	1283.200	PSIA
31	Mar 26, 2009 03:30:12 PM	1281.800	PSIA

Harbourtown Federal 21-33-8-17 Rate Sheet (3-26-09)

<i>Step # 1</i>	Time	8:05	8:10	8:15	8:20	8:25	8:30
	Rate	200.3	200.3	200.3	200.3	200.2	200.2
	Time	8:35	8:40	8:45	8:50	8:55	9:00
	Rate	200.2	200.2	200.2	200.1	200.1	200.1
<i>Step # 2</i>	Time	9:05	9:10	9:15	9:20	9:25	9:30
	Rate	400.4	400.4	400.3	400.3	400.3	400.2
	Time	9:35	9:40	9:45	9:50	9:55	10:00
	Rate	400.2	400.2	400.2	400.2	400.2	400.2
<i>Step # 3</i>	Time	10:05	10:10	10:15	10:20	10:25	10:30
	Rate	600.5	600.5	600.5	600.5	600.5	600.4
	Time	10:35	10:40	10:45	10:50	10:55	11:00
	Rate	600.4	600.4	600.4	600.4	600.3	600.3
<i>Step # 4</i>	Time	11:05	11:10	11:15	11:20	11:25	11:30
	Rate	800.5	800.5	800.4	800.4	800.3	800.3
	Time	11:35	11:40	11:45	11:50	11:55	12:00
	Rate	800.3	800.2	800.2	800.1	800.1	800.1
<i>Step # 5</i>	Time	12:05	12:10	12:15	12:20	12:25	12:30
	Rate	1000.6	1000.5	1000.5	1000.4	1000.4	1000.4
	Time	12:35	12:40	12:45	12:50	12:55	1:00
	Rate	1000.4	1000.3	1000.3	1000.3	1000.3	1000.3
<i>Step # 6</i>	Time	1:05	1:10	1:15	1:20	1:25	1:30
	Rate	1200.4	1200.4	1200.4	1200.3	1200.3	1200.3
	Time	1:35	1:40	1:45	1:50	1:55	2:00
	Rate	1200.3	1200.3	1200.2	1200.2	1200.2	1200.2
<i>Step # 7</i>	Time	2:05	2:10	2:15	2:20	2:25	2:30
	Rate	1400.5	1400.5	1400.5	1400.5	1400.4	1400.4
	Time	2:35	2:40	2:45	2:50	2:55	3:00
	Rate	1400.3	1400.2	1400.2	1400.2	1400.1	1400.1
	Time						
	Rate						
	Time						
	Rate						



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8

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

Ref: 8P-W-GW

APR 15 2009

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Michael Guinn
District Manager
Newfield Production Company
Route 3-Box 3630
Myton, UT 84502

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

RE: Underground Injection Control (UIC)
Minor Permit Modification No. 2 and
Authorization to Continue Injection
EPA UIC Permit UT21045-07092
Well: Harbortown Federal 21-33-8-17
Duchesne County, Utah
API # 43-013-31914

8S 17E 33

Dear Mr. Guinn:

The Environmental Protection Agency (EPA) received the results from the March 26, 2009 Step Rate Test (SRT) on the Harbortown Federal 21-33-8-17 well. The test concluded the fracture gradient to be 0.740 psi/ft. Therefore, the **maximum allowable injection pressure (MAIP) is decreased to 1,320 psig**, from the 1,500 psig specified in Minor Modification No. 1.

EPA also received the results of the March 27, 2009 Radioactive Tracer Survey (RTS) for the Harbortown Federal 21-33-8-17. EPA has determined that the test adequately demonstrated that injected fluids will remain in the authorized interval at the MAIP of 1,320 psig. The results of the RTS were reviewed and approved by EPA on April 8, 2009.

As of the date of this letter, the EPA hereby authorizes injection into the Harbortown Federal 21-33-8-17 well under the terms and conditions of EPA UIC Permit UT21045-07092 at an MAIP of 1,320 psig.

You may apply for a higher maximum allowable injection pressure at a later date. Your application should be accompanied by the interpreted results from a Step-Rate Test (SRT) that measures the formation fracture pressure and the fracture gradient at this location. A current copy of EPA Guidelines for running and interpreting a SRT will be sent upon request. Should the SRT result in approval of a higher maximum allowable injection pressure, a new Part II MI

RECEIVED

APR 20 2009

DIV. OF OIL, GAS & MINING

demonstration must be run to show that the injected fluids will remain in the authorized injection interval at the higher pressure.

As of this approval, responsibility for Permit Compliance and Enforcement is transferred to Region 8 UIC Technical Enforcement Program office. Therefore, please direct all future notification, reporting, monitoring and compliance correspondence to the following address, referencing your well name and UIC Permit number on all correspondence regarding this well:

US EPA, Region 8
Attn: Nathan Wisner
MC: ENBUFO
1595 Wynkoop Street
Denver, CO 80202

For questions regarding notification, testing, monitoring, reporting or other Permit requirements, Nathan Wisner of the UIC Technical Enforcement Program may be reached by calling 800-227-8917 (ext. 312-6211). Please be reminded that it is your responsibility to be aware of and to comply with all conditions of your Permit.

If you have any questions regarding this approval, please call Sarah Bahrman at 800-227-8917 (ext. 312-6243).

Sincerely,



for Eddie A. Sierra
Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc:

Uintah & Ouray Business Committee:
Curtis Cesspooch, Chairman
Ronald Groves, Councilman
Irene Cuch, Vice-Chairwoman
Steven Cesspooch, Councilman
Phillip Chimburas, Councilman
Frances Poowegup, Councilwoman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

Ferron Secakuku
Director, Natural Resources
Ute Indian Tribe

Larry Love
Director of Energy & Minerals Dept.
Ute Indian Tribe

Gil Hunt
Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst
Newfield Production Company

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-71368
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: HARBOURTOWN FED 21-33
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0513 FNL 1938 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 33 Township: 08.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013319140000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		COUNTY: DUCHESNE
STATE: UTAH		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/1/2011	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input style="width: 100px;" type="text" value="5 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. On 10/05/2011 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. On 11/01/2011 the casing was pressured up to 1495 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1260 psig during the test. There was not an EPA representative available to witness the test. EPA# UT21045-07092		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 11/3/2011	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 11 / 1 / 11
 Test conducted by: Lyan Monson
 Others present: _____

Well Name: <u>Harbortown Federal 21-33-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>NK/NN</u> Sec: <u>33</u> T: <u>8</u> N(S) R: <u>17</u> (E) W	County: <u>Pueblo</u>	State: <u>UT</u>
Operator: <u>Newfield</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: _____	PSIG

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

Pre-test casing/tubing annulus pressure: 0 psig

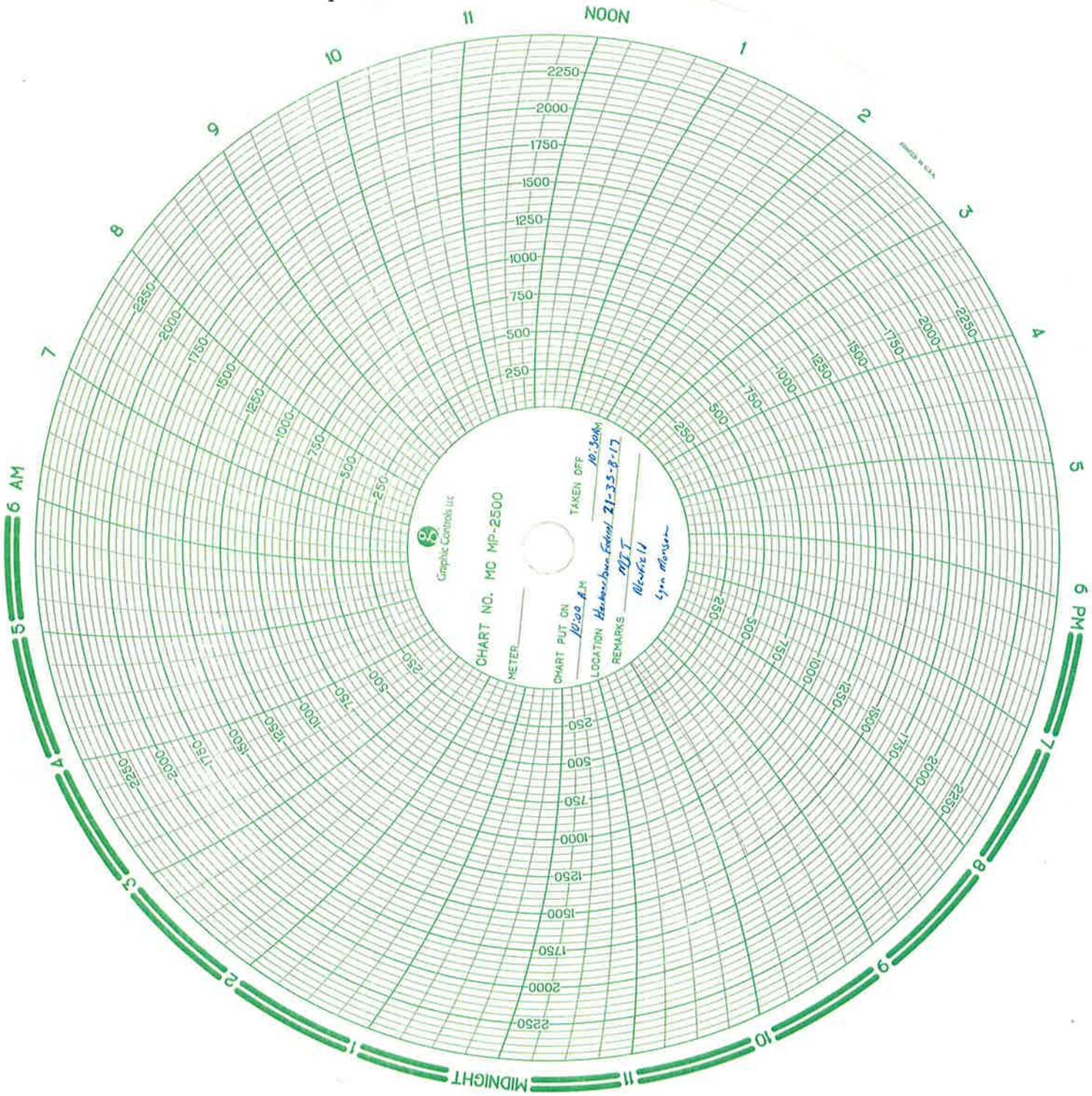
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1261</u> psig	psig	psig
End of test pressure	<u>1260</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1495</u> psig	psig	psig
5 minutes	<u>1495</u> psig	psig	psig
10 minutes	<u>1495</u> psig	psig	psig
15 minutes	<u>1495</u> psig	psig	psig
20 minutes	<u>1495</u> psig	psig	psig
25 minutes	<u>1495</u> psig	psig	psig
30 minutes	<u>1495</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-71368
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3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013319140000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0513 FNL 1938 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 33 Township: 08.0S Range: 17.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input 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: 9/6/2013	<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 checked="" 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 type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The above subject well had workover procedures performed (tubing leak), attached is a daily status report. Workover MIT performed on the above listed well. On 09/06/2013 the csg was pressured up to 1200 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 150 psig during the test. There was not an EPA representative available to witness the test.
EPA #UT22197-07092

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
September 17, 2013**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/13/2013	

Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 9.6.13
 Test conducted by: Dustin Bennett
 Others present: _____

-0709a

Well Name: <u>21-33-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>NE/NW</u> Sec: <u>33</u> T <u>8</u> N/S R <u>17</u> E/W County: <u>Duchesne</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: 1200 / 150 psig

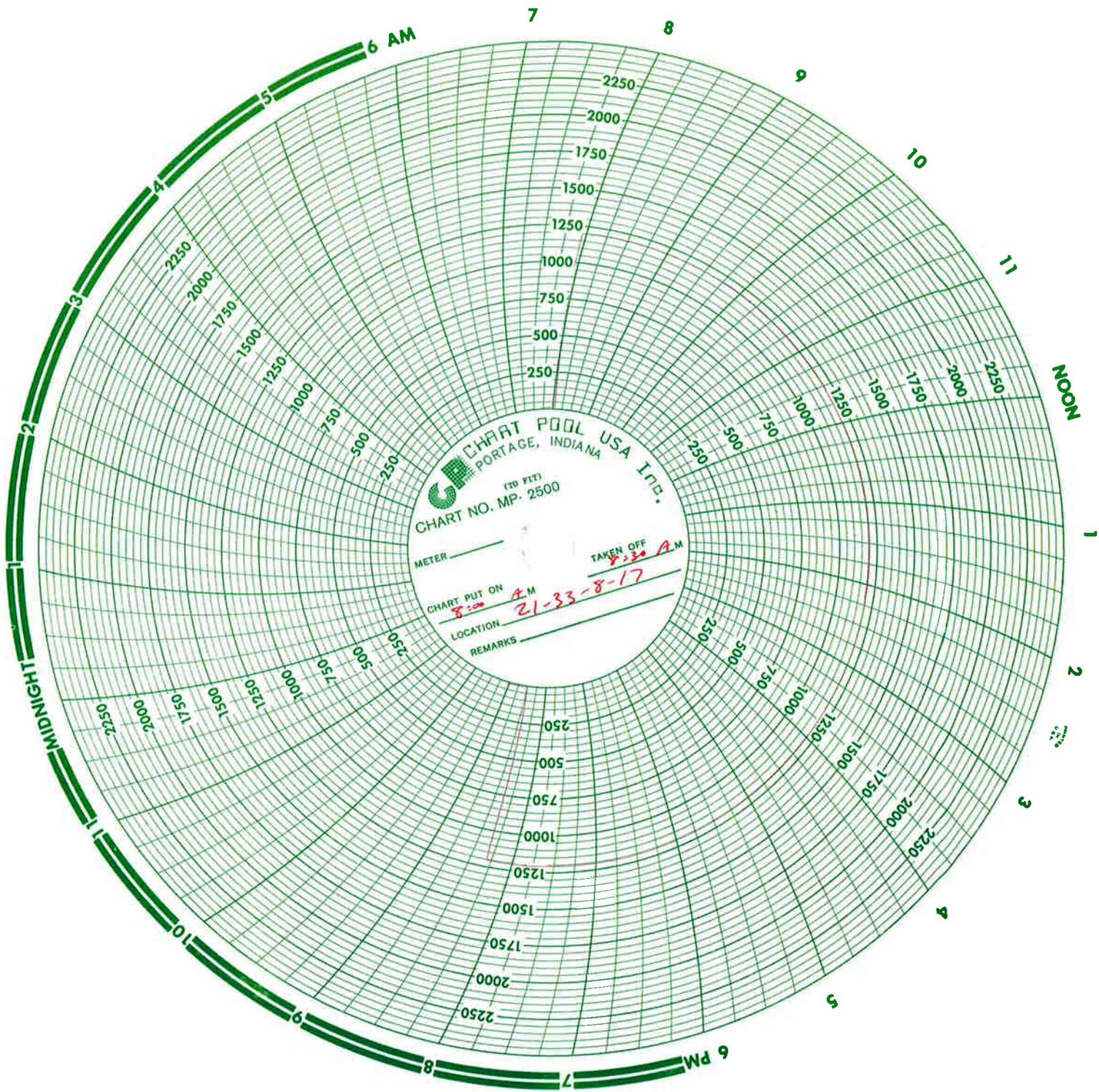
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>150</u> psig	psig	psig
End of test pressure	<u>150</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1200</u> psig	psig	psig
5 minutes	<u>1200</u> psig	psig	psig
10 minutes	<u>1200</u> psig	psig	psig
15 minutes	<u>1200</u> psig	psig	psig
20 minutes	<u>1200</u> psig	psig	psig
25 minutes	<u>1200</u> psig	psig	psig
30 minutes	<u>1200</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

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

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: _____



Daily Activity Report

Format For Sundry
HRBRTWN 21-33-8-17
7/1/2013 To 11/30/2013

9/4/2013 Day: 1

Tubing Leak

WWS #5 on 9/4/2013 - MIRUSU, pull tbg looking for hole - MIRUSU, check pressure csg 400 tbg psi bleed off well, wait on larkin head, unseat packer, strip on larkin head and 5000psi bops. Rig up floor and tbg works, flush tbg w/50 bbls H2O, push sv to psn w/sandline try testing tbg. NU good TOOH w/28 jts found hole in jt 28 tbg pitted. Test remaining tbg to 3000psi. OK RIH and ret SV tried 3 times, could not latch. TIH w/28 jts, swi. - MIRUSU, check pressure csg 400 tbg psi bleed off well, wait on larkin head, unseat packer, strip on larkin head and 5000psi bops. Rig up floor and tbg works, flush tbg w/50 bbls H2O, push sv to psn w/sandline try testing tbg. NU good TOOH w/28 jts found hole in jt 28 tbg pitted. Test remaining tbg to 3000psi. OK RIH and ret SV tried 3 times, could not latch. TIH w/28 jts, swi.

Daily Cost: \$0

Cumulative Cost: \$17,711

9/6/2013 Day: 4

Tubing Leak

Rigless on 9/6/2013 - Conduct MIT - Cont breaking and redoping every collar w/ 57 jts tbg, drop sv push sv to psn w/ sandline, wait on hot oiler. Test tbg to 3000psi, ret sv red floor and tbg works. Strip off bop's set packer @ 4333. psn @ 4227 EOT@4343. land tubing w/larkin head test csg and packer to 1400psi for 30 min. RDMO - Cont breaking and redoping every collar w/ 57 jts tbg, drop sv push sv to psn w/ sandline, wait on hot oiler. Test tbg to 3000psi, ret sv red floor and tbg works. Strip off bop's set packer @ 4333. psn @ 4227 EOT@4343. land tubing w/larkin head test csg and packer to 1400psi for 30 min. RDMO - Cont breaking and redoping every collar w/ 57 jts tbg, drop sv push sv to psn w/ sandline, wait on hot oiler. Test tbg to 3000psi, ret sv red floor and tbg works. Strip off bop's set packer @ 4333. psn @ 4227 EOT@4343. land tubing w/larkin head test csg and packer to 1400psi for 30 min. RDMO - Blow hole in tubing at 4200psi. Flush tbg w/40 bbls h2o, Ru scan tbg ld hole string due to pitting . 138 jts 5 inches of scale on top of SV. LD psn and packer, wait on tbg, PU and talley 2-3/8 re-entry guide, XN nipple, X-over packer, on off tool, psn and 80 jts 2-7/8 tbg. Breaking and redoping every collar EOT @ 2570. - Blow hole in tubing at 4200psi. Flush tbg w/40 bbls h2o, Ru scan tbg ld hole string due to pitting . 138 jts 5 inches of scale on top of SV. LD psn and packer, wait on tbg, PU and talley 2-3/8 re-entry guide, XN nipple, X-over packer, on off tool, psn and 80 jts 2-7/8 tbg. Breaking and redoping every collar EOT @ 2570. - Blow hole in tubing at 4200psi. Flush tbg w/40 bbls h2o, Ru scan tbg ld hole string due to pitting . 138 jts 5 inches of scale on top of SV. LD psn and packer, wait on tbg, PU and talley 2-3/8 re-entry guide, XN nipple, X-over packer, on off tool, psn and 80 jts 2-7/8 tbg. Breaking and redoping every collar EOT @ 2570. - Workover MIT performed on the above listed well. On 09/06/2013 the csg was pressured up to 1200 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 150 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-07092 - Workover MIT performed on the above listed well. On 09/06/2013 the csg was pressured up to 1200 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 150 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-07092 - Workover MIT performed on the above listed well. On 09/06/2013 the csg was pressured up to 1200 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 150 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-07092 - Cont breaking and redoping every collar w/ 57 jts tbg, drop sv push sv to psn w/ sandline, wait on hot oiler. Test tbg to 3000psi, ret sv red floor and tbg works. Strip off

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Daily Cost: \$0

Cumulative Cost: \$52,464

Pertinent Files: Go to File List

Harbourtown Federal 21-33-8-17

Spud Date: 3/2/98
 Put on Production: 4/13/98
 GL: 5129' KB: 5142'

Initial Production: 74 BOPD,
 40 MCFPD, 0 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (289')
 DEPTH LANDED: 299' KB
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 200 sxs cmt. Cement to surface.

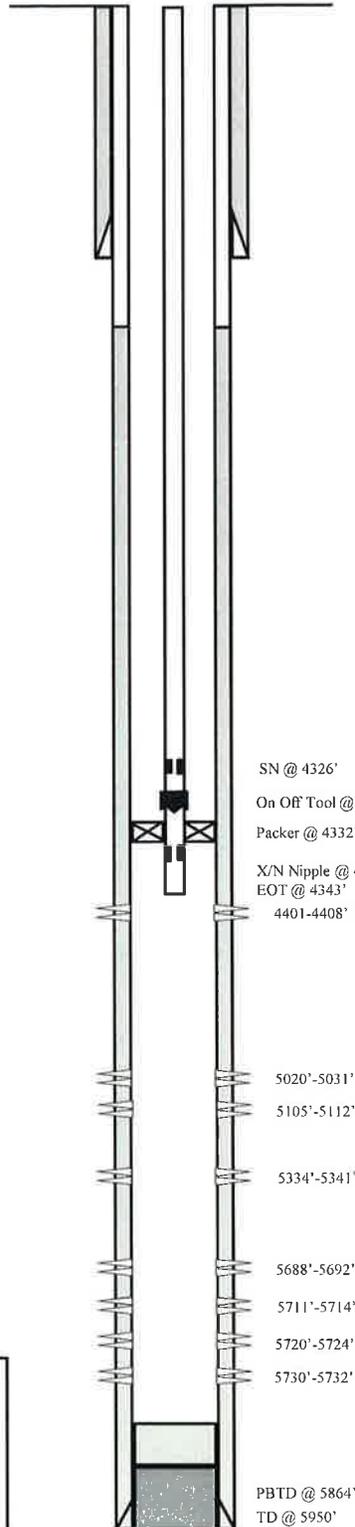
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 138 jts.
 DEPTH LANDED: 5909' KB
 HOLE SIZE: 7 7/8"
 CEMENT DATA: 130 sxs Hi-fill + 380 sxs 50-50 POZ.
 CEMENT TOP AT: 1350' per CBL

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 137 jts (4316.5')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4326.5' KB
 ON/OFF TOOL AT: 4327.6'
 ARROW #1 PACKER CE AT: 4332.54'
 XO 2-3/8 x 2-7/8 J-55 AT: 4337'
 TBG PUP 2-3/8 J-55 AT: 4337.6'
 X/N NIPPLE AT: 4341.7'
 TOTAL STRING LENGTH: EOT @ 4343.25'

Injection Wellbore Diagram



FRAC JOB

3/18/98	5688'-5732'	Frac zone as follows: 70,500# 20/40 sand in 426 bbls DeltaGel frac fluid. Treated @ avg press of 1400 psi w/avg rate of 25 BPM. ISIP 1508 psi. Calc flush: 5688 gal. Actual flush: 5856 gal.
3/20/98	5334'-5341'	Frac zone as follows: 40,700# 20/40 sand in 305 bbls DeltaGel frac fluid. Treated @ avg press of 1800 psi w/avg rate of 20 BPM. ISIP 2107 psi. Calc flush: 5334 gal. Actual flush: 5416 gal.
3/24/98	5020'-5112'	Frac zone as follows: 100,000# 20/40 sand in 532 bbls DeltaGel frac fluid. Treated @ avg press of 1900 psi w/avg rate of 26 BPM. ISIP 2639 psi. Calc flush: 5020 gal. Actual flush: 4978 gal.
10/23/99		Hole in tubing.
5/9/00		Hole in tubing.
4/9/01		Hole in tubing.
6/21/01		Hole in tubing.
05/04/06		Tubing Leak. Update rod and tubing details.
11/17/06	4401-4408'	Perf GB sds as follows: TIH W/ TS BP, BP retrieving head, 6' X 2 3/8" Tbg. Sub, HD packer, 144 jts 2 7/8" Tbg. Set TS BP @ 4525'. TOOH W/ 2jts Tbg. Set HD packer. RU hot oil truck. Fill W/ 23 bbls water, & test plug & packer to 3000 psi. TOOH W 4 jts Tbg. Set packer @ 4342'. Use hot oil truck to fill well W/ 15 bbls water, break down perforations in GB zone @ 1900 psi.
11/20/06		Well converted to an Injection well. MIT completed and submitted on 12/20/06. One new perf.
09/06/13		Workover MIT completed - tbg leak - update tbg detail

SN @ 4326'
 On Off Tool @ 4328'
 Packer @ 4332'
 X/N Nipple @ 4342'
 EOT @ 4343'
 4401-4408'
 5020'-5031'
 5105'-5112'
 5334'-5341'
 5688'-5692'
 5711'-5714'
 5720'-5724'
 5730'-5732'
 PBTD @ 5864'
 TD @ 5950'

PERFORATION RECORD

Date	Depth Range	Number of Holes	Perforation Type
3/17/98	5688'-5692'	4	JSPF 16 holes
3/17/98	5711'-5714'	4	JSPF 12 holes
3/17/98	5720'-5724'	4	JSPF 16 holes
3/17/98	5730'-5732'	4	JSPF 08 holes
3/20/98	5334'-5341'	4	JSPF 28 holes
3/22/98	5105'-5112'	2	JSPF 14 holes
3/22/98	5020'-5031'	2	JSPF 22 holes
11/17/06	4401'-4408'	4	JSPF 28 holes



Harbourtown Federal 21-33-8-17
 513 FNL & 1938 FWL
 NE/NW Section 33-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31914



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

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

SEP 17 2013

RECEIVED

SEP 20 2013

DIV. OF OIL, GAS & MINING

Ref: 8ENF-UFO

CERTIFIED MAIL 7009-3410-0000-2599-8089
RETURN RECEIPT REQUESTED

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

85 17E 33

Re: Underground Injection Control (UIC)
Permission to Resume Injection
Harbourtown Federal 21-33-8-17 Well
EPA Well ID # UT22197-07092
API # 43-013-31914
Boundary Oil Field
Duchesne County, UT

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

Dear Mr. Horrocks:

On September 13, 2013, the Environmental Protection Agency (EPA) received information from Newfield Exploration Company on the above referenced well concerning the workover to address a tubing leak and the followup mechanical integrity test (MIT) conducted on September 6, 2013. 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 September 6, 2018.

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,


Darcy O'Connor, Director
UIC/EI/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
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