

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

SUBMIT IN TRIPlicate*
(Other instruct. 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
 Natural Gas Corporation of California

3. ADDRESS OF OPERATOR
 85 South 200 East, Vernal, Utah 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations)
 At surface: 1880' FWL & 619' FSL, SE/SW
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 22.2 miles South east of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 619'

16. NO. OF ACRES IN LEASE
 320

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.
 +2400'

19. PROPOSED DEPTH
 6150' *Green River*

20. ROTARY OR CABLE TOOLS
 ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4876' NATURAL UNGRADED GROUND LEVEL

22. APPROX. DATE WORK WILL START*
 July 1, 1985

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"	24.0#	270'	To surface
8 5/8"	5 1/2"	15.5#	TD	As required to adequately protect all hydrocarbon zones and water aquifers

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**
 DATE: 6/4/85
 BY: John A. [Signature]
 WELL SPACING: 6-3(B)

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 Kathy Koutson TITLE Technical Assistant DATE 5-23-85

(This space for Federal or State office use)

PERMIT NO. 43-047-31637 APPROVAL DATE _____

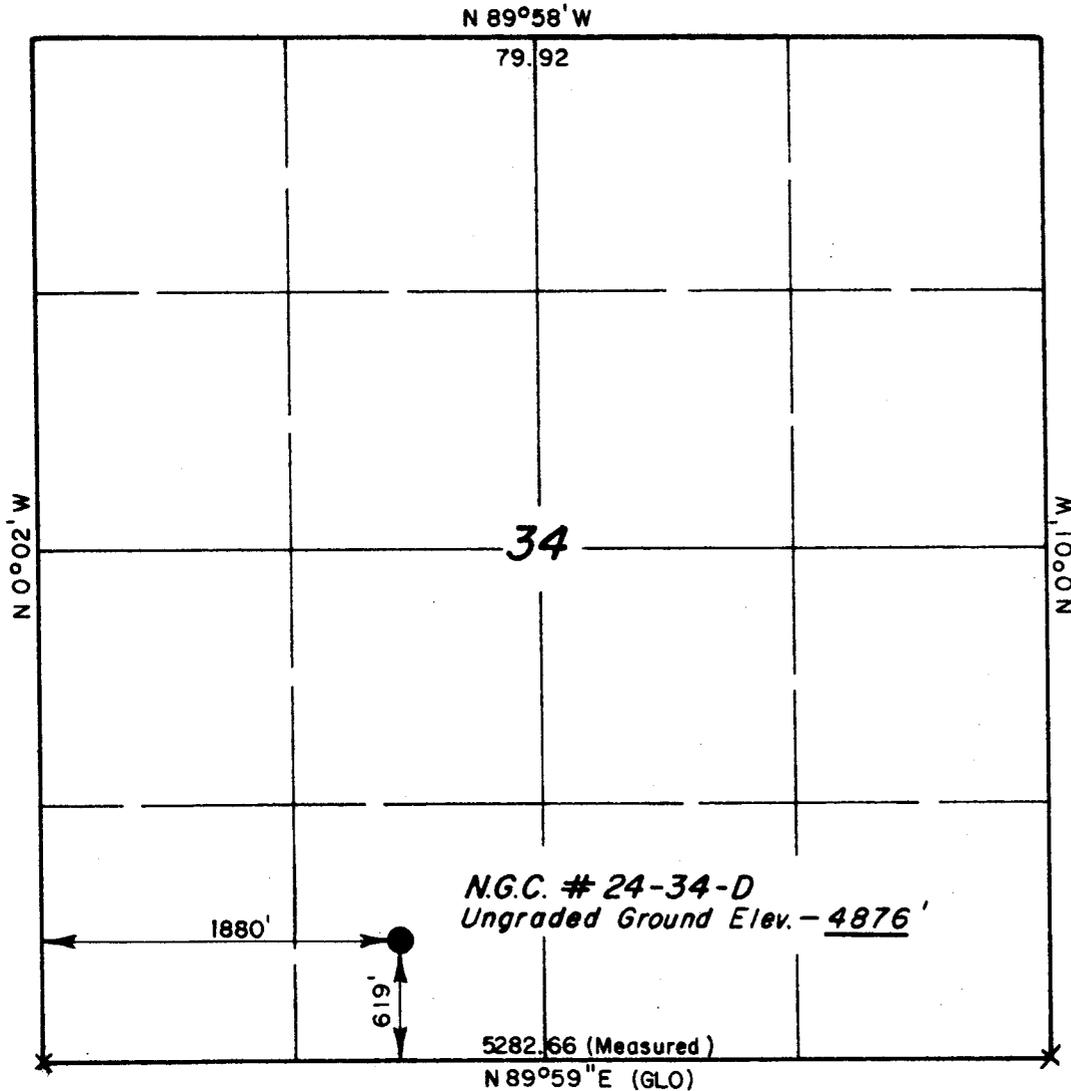
APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

T8S, R18S, S.L.B. & M.

PROJECT
NATURAL GAS CORP. OF CALIFORNIA

Well location, *NG.C. # 24-34-D*, located as shown in the SE 1/4 SW 1/4, T8S, R18S, S.L.B. & M., Uintah Co., Utah



CERTIFICATE

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

Jason J. ...

REGISTERED LAND SURVEYOR
 REGISTRATION NO 2454
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
 P. O. BOX Q - 85 SOUTH - 200 EAST
 VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 5/17/85
PARTY DA JF GS DLS	REFERENCES GLO PLAT
WEATHER PTLY. CLDY.	FILE NGC

X = Located Section Corners

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Natural Gas Corporation of California Well No. 24-34D FEDERAL

Location Sec.34 T.8S R.18E Lease No. U-45031

Onsite Inspection Date May 16, 1985

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 Order No. 1, 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.

A. DRILLING PROGRAM

1. Surface Formation and Estimated Formation Tops:

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Uintah	Surface	4884'KB
Green River	1540'	+3344'
Green Shale Facies	4060'	+ 824'
Douglas Creek	4810'	+ 74'
Green River Lime	5963'	-1079'
TD	6150'	-1266'

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

	<u>Formation</u>	<u>Zone</u>
Expected oil zones:	Douglas Creek	4850-4950
	"	5100-5250
	"	5600-5700
Expected gas zones:	None	
Expected water zones:	None	
Expected mineral zones:	Oil Shale	Top 1540'

All fresh 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.

3. Pressure Control Equipment:

A 3000 WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from the 8-5/8" surface casing. The BOP system including the casing will be pressure tested to a minimum of 1500 psi for 30 minutes prior to drilling and will be mechanically checked daily during drilling operations.

BOP systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

4. Casing Program and Auxiliary Equipment:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight/Ft.</u>	<u>Depth</u>	<u>Csg. New/Used</u>	<u>Cement Top</u>
12 1/4"	8 5/8"	24.0#	270'	New	Surface
7 7/8"	5 1/2"	15.5#	TD	New	1540'

Anticipated cement tops will be reported as to depth, not the expected number of sacks of cement to be used. The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

Auxiliary equipment will be upper kelly cock, full opening stabbing valve, 2½" choke manifold, and pit level indicator.

5. Mud Program and Circulating Medium:

<u>Interval</u>	<u>Mud Weight lbs./gal.</u>	<u>Viscosity Sec./Qt.</u>	<u>Fluid Loss ML/30 mins.</u>	<u>Mud Type</u>
0-270'	-	-	-	Air
270'-TD	8.3	27	No control	Water

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.

6. Testing, Coring, Sampling and Logging:

- a. Testing: None
- b. Coring: None
- c. Sampling: None
- d. Logging: Type

	<u>Depth</u>
CNL-FDC w/GR & CAL	TD to 3000'
DIL-LL w/GR & CAL	TD to surface csg

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 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Venting of gas will be in accordance with Rule C-27 of the Utah Oil, Gas & Mining Division and NTL-4A.

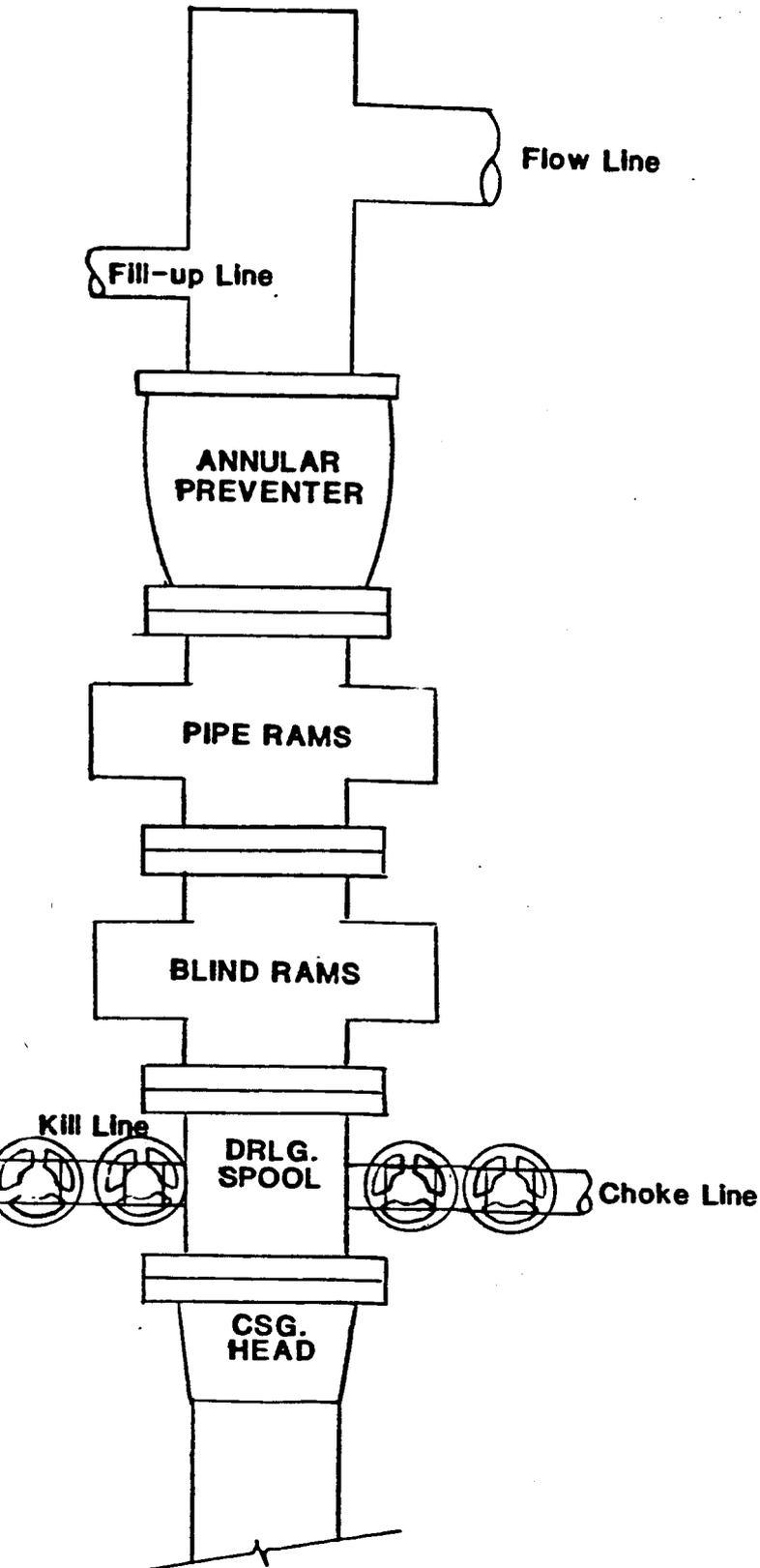
A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

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 SO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 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.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

BOP AND PRESSURE CONTAINMENT DATA



1. BOP equip shall consist of a double gate, hydraulically operated preventer with pipe & blind rams or two single ram type preventors, one equipped w/pipe rams, the other w/blind rams. BOP system will be consistent with API RP 53.
2. BOP's are to be well braced w/ hand controls extended clear of substructure.
3. Accumulator to provide closing pressure in excess of that required w/sufficient volume to operate all components.
4. All BOP equipment to be tested to 2000# for 15 minutes. The BOP's will be tested at the time of installation & every 30 days thereafter. BOP's to be mechanically checked daily.
5. Modification of hook-up or testing procedure must be approved in writing on tour reports by wellsite representative.

13 Point Surface Use Plan

24-34D FEDERAL

1. Existing Roads:

See attached topographic map A.

This wellsite is located approximately 22.2 miles south east of Myton, Utah. See map for directions on reaching location.

2. Planned Access Road:

See attached topographic map B.

The proposed access road will be approximately 1800' in length and will be built to the following standards:

- 1) Width - The running surface will be 18 feet and the total disturbance width including the ditches will not exceed 30 feet.
- 2) Maximum grade - 8%.
- 3) Turnouts - None planned.
- 4) Drainage designs - Ditches will be constructed on each side of the road, V-shaped, 1 foot deep at 3:1 slopes.
- 5) Location and size of culverts, major cuts and fills - An 18" culvert will be placed where the access road crosses the wash. See attached location layout sheet for details of cuts and fills.
- 6) Surfacing materials - None are planned.
- 7) Gates, cattleguards, or fence cuts - None.
- 8) The proposed road has been flagged.
- 9) A ROW has been applied for on the portion of road that is not within our lease boundries.

3. Location of Existing Wells:

The following wells are located within a one mile radius of the location site.

- 1) Water wells - None
- 2) Abandoned wells - None
- 3) Temporarily abandoned wells - None
- 4) Disposal wells - None
- 5) Drilling wells - None

- 6) Producing wells - Beard #1, SE/SE Sec 34; Beard #2, SW/SE Sec 34; NGC 33-34, NE/SE Sec 34; NGC 42-34, SE/NE Sec 34, NGC 43-34, SE/NE Sec 34; and NGC 32-34, SW/NE Sec 34.
- 7) Shut-in Wells - None.
- 8) Injection wells - None.
- 9) Monitoring or observation wells for other resources - None.

4. Location of Tank Batteries and Production Facilities::

All permanent (on site for six months or longer) structures constructed or installed (including oil well pumpjacks) will be painted a flat, non-reflective, earthtone color to match the standard environmental colors, as determined by the Rocky Mountain 5 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.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1½ times the storage capacity of the battery.

Tank batteries will be placed on the south side of the location between stakes number 1 and 2.

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

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

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

Gas meter runs for each gas well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

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 monthly for the first three months on new meter installations 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 the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

5. Location and Type of Water Supply:

All water needed for drilling purposes will be obtained from the Pariette Draw at a diversion point in Section 27, T8S, R18E. A 2" pipeline will be laid from the source to the loading point and then will be hauled by truck to wellsite. A temporary appropriation for use of this water has been applied for from the State Division of Water Rights.

6. Source of Construction Material:

All construction materials for this location site and access road will be borrow materials, accumulated during construction of the location site. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

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

7. Methods of Handling Waste Disposal:

The reserve pit will be lined with a plastic liner. Pit will either be lined with 2#/square foot bentonite or with a heavy duty liner or double lined with straw underneath.

Burning will not be allowed. All trash must be contained and disposed of in a trash cage and hauled to a sanitary landfill.

Produced waste water will be confined to a lined pit for a period not to exceed 90 days after initial production. During the 90 day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order.

8. Ancillary Facilities:

Camp facilities will not be required.

9. Well Site Layout:

See typical rig layout. The reserve pit will be located on the north west of the location between points #A and #5. The topsoil will be stockpiled, windrowed and stored north of the location between stakes #5 and #6. Any excess cut from digging the reserve pit will be stockpiled behind the reserve pit. Access to the well will be between stakes #2 and #3.

Reserve pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire. Fencing will be on three sides during drilling operations and on the 4th side after the rig moves off the location.

10. Plans for Restoration of Surface:

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

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed. If a plastic liner is used it will be torn and perforated before backfilling the reserve pit.

All disturbed areas not needed for production or workover will be recontoured to the approximate natural contours.

The stockpiled topsoil will be evenly distributed over the areas to be seeded. All areas to be reseeded will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage. Also, if broadcast, the amount of seed should be proportionately larger to total 14 lbs. per acre. Seed mixture will be determined by the BLM at time of restoration.

If the well is abandoned, the entire disturbed area (including roads) will be restored by: (1) backfilling; (2) recontouring; (3) topsoiling; (4) seeding. Specifically, the platform highwall(s) and road fill(s) will be eliminated by moving all excavated material back in place. Restoration of the location and access road will begin within one year after completion of the well. If the access road is restored, an attempt will be made to block road to restrict vehicle use.

11. Surface and Mineral Ownership:

Federal surface and mineral.

12. Other Information:

- 1) No known historical or archaeological sites are known to exist in this area. An archaeological survey has been conducted on the proposed location and access road and the area has been cleared. If any cultural resources are located during construction, all work will be stopped and the BLM notified.
- 2) Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes should be in accordance with the surface use standards as set forth in the booklet "Surface Operating Standards for Oil and Gas Exploration and Development".

- 3) The dirt contractor will be furnished an approved copy of the surface use plan and any additional BLM stipulations prior to starting work.
- 4) The well is within the limits of the requirements of State Spacing Rule C-3.
- 5) An onsite will be performed after the location is built prior to moving the drilling rig on location.
- 6) The well will be identified in accordance with 43 CFR 3162.

13. Lessee's of Operators Representative and Certification

Representative

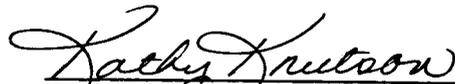
Name: Kathy Knuton

Address: 85 South 200 East, Vernal, UT 84078

Phone No. (801) 789-4573

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, to the best of my knowledge and belief, true and correct; and that the work associated with the operations proposed herein will be performed by Natural Gas Corporation of California and its contractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

5/24/85
Date



Kathy Knuton, Technical Assistant

NATURAL GAS CORP. OF CALIF.

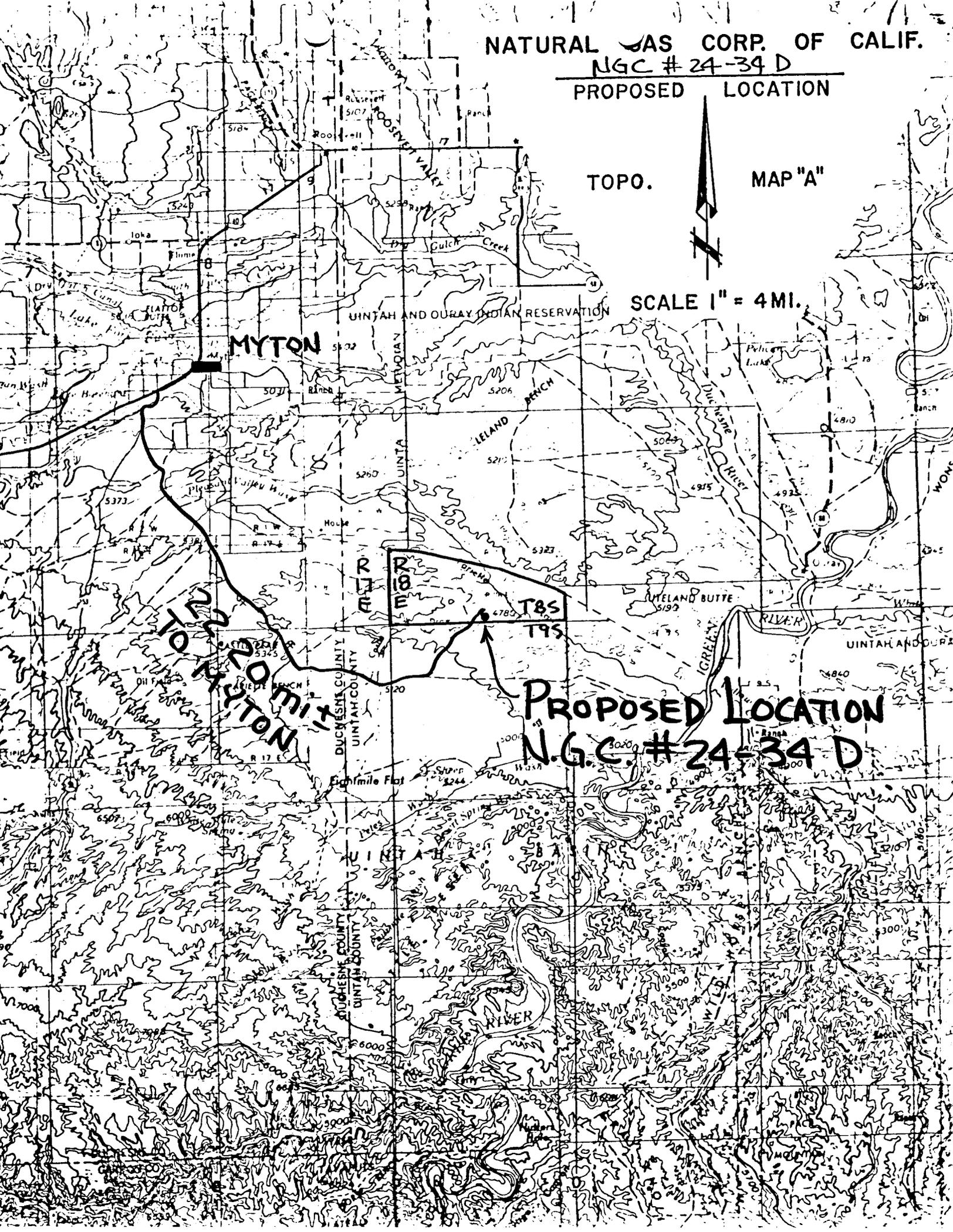
NGC # 24-34 D

PROPOSED LOCATION

TOPO.

MAP "A"

SCALE 1" = 4 MI.



TOPO
MYTON
MYTON

DUCASNE COUNTY
UNTAH COUNTY

PROPOSED LOCATION
N.G.C. # 24-34 D

T8S
T9S

MYTON

UNTAH AND OURAY INDIAN RESERVATION

SCALE 1" = 4 MI.

MAP "A"

TOPO.

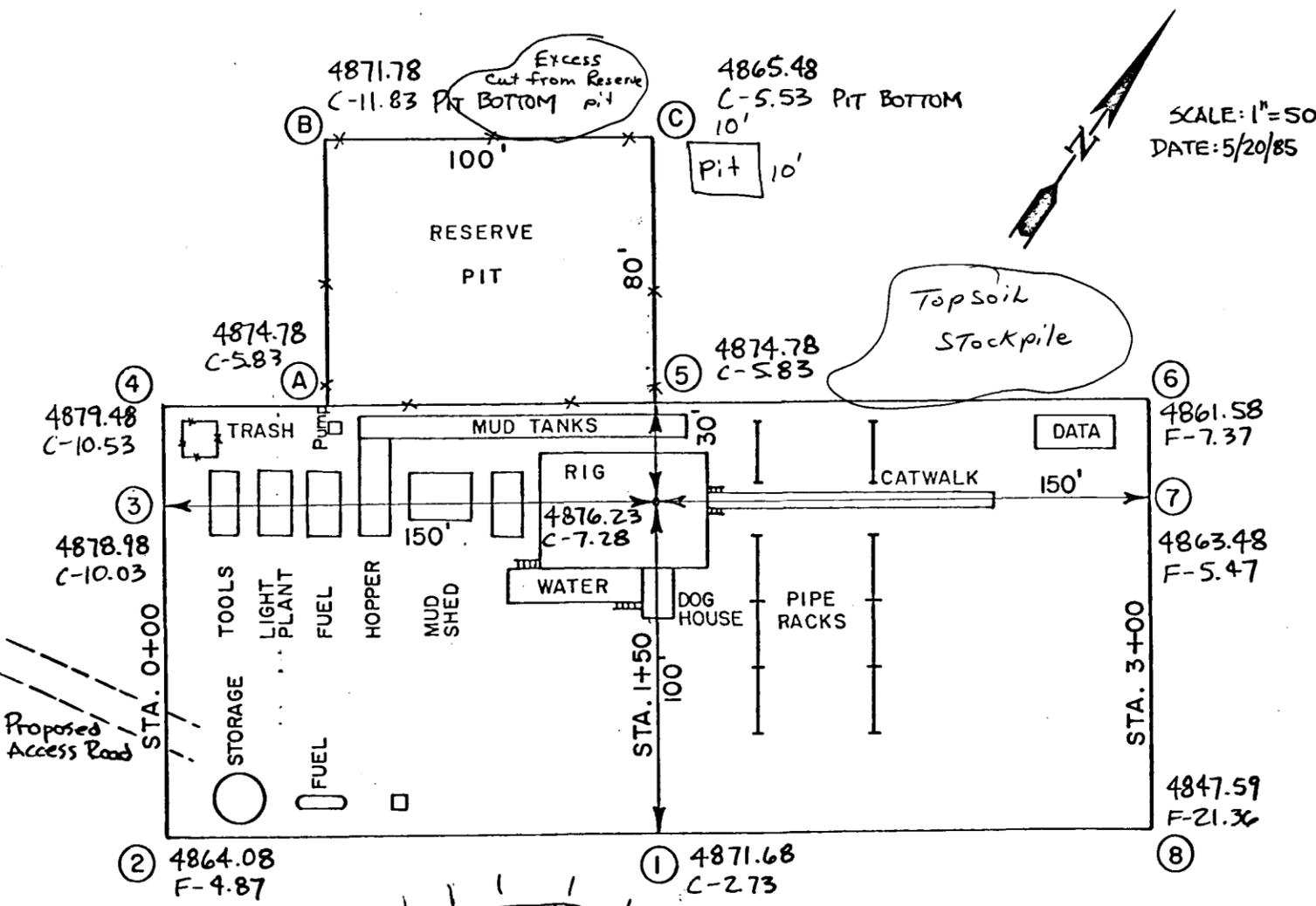
NATURAL GAS CORP. OF CALIF.

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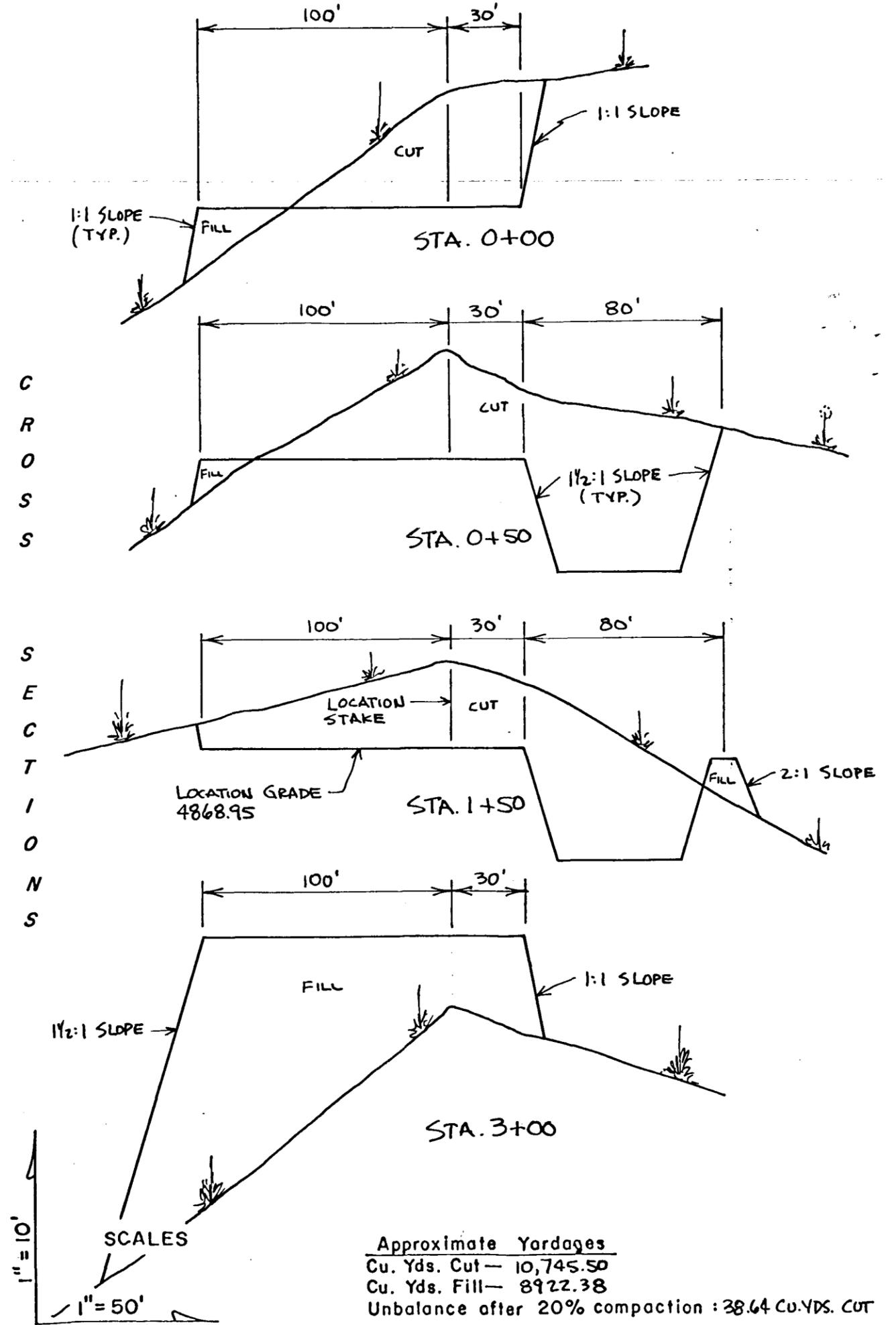
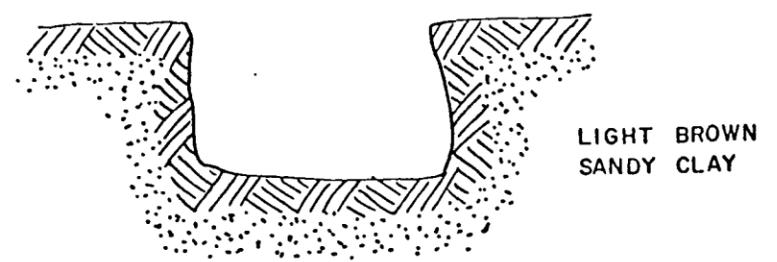
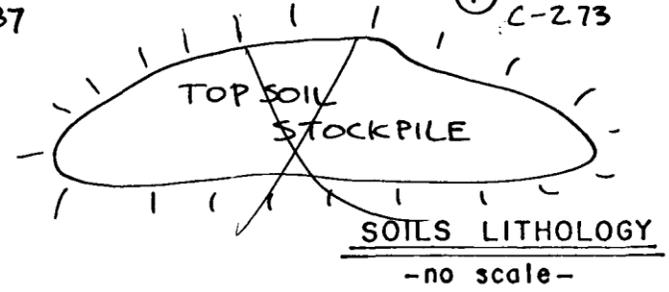
PROPOSED LOCATION

NATURAL GAS CORP. OF CALIFORNIA

N.G.C. 24-34-D



SCALE: 1" = 50'
 DATE: 5/20/85



OPERATOR Natural Gas Corp of Ga. DATE 5-30-85
WELL NAME Federal 24-34D
SEC SE SW 34 T 85 R 18E COUNTY Wentz

43-047-31637
API NUMBER

Fed
TYPE OF LEASE

CHECK OFF:

- | | | |
|---|---|---|
| <input checked="" type="checkbox"/> PLAT | <input checked="" type="checkbox"/> BOND | <input checked="" type="checkbox"/> NEAREST WELL |
| <input checked="" type="checkbox"/> LEASE | <input checked="" type="checkbox"/> FIELD | <input checked="" type="checkbox"/> POTASH OR OIL SHALE |

PROCESSING COMMENTS:

No other wells within 1000'
Need water permit

APPROVAL LETTER:

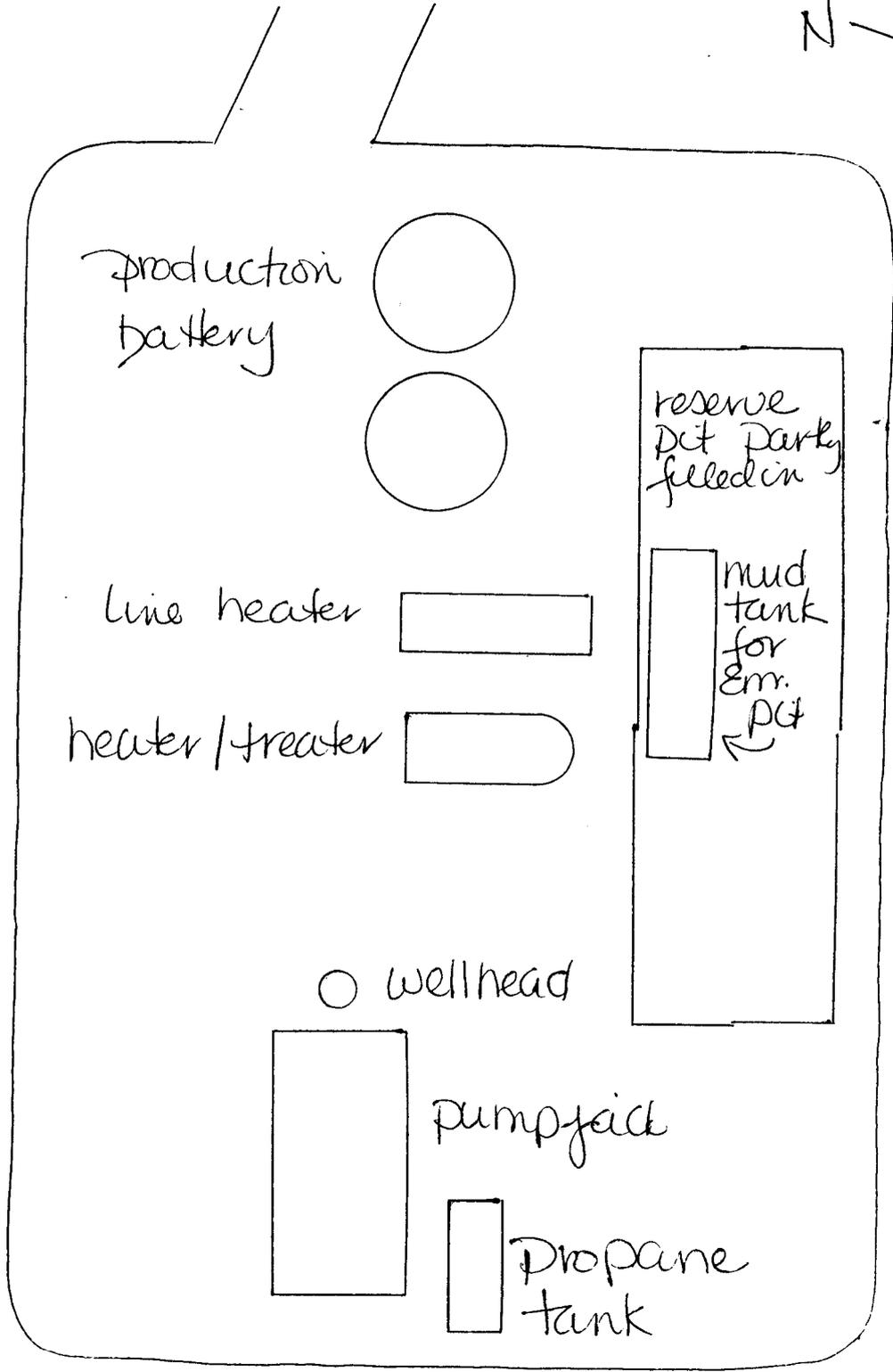
- SPACING: A-3 _____ UNIT c-3-a _____ CAUSE NO. & DATE
- c-3-b c-3-c

STIPULATIONS:

1- Water

31637

Sec 24-34 Sec. 34, T8 S6, R18E Gully 5/17/89



WELLHEAD



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

June 4, 1985

Natural Gas Corporation of
California
85 South 200 East
Vernal, Utah 84078

Gentlemen:

Re: Well No. Federal 24-34D - SE SW Sec. 34, T. 8S, R. 18E
619' FSL, 1880' FWL - Uintah County, Utah

Approval to drill the above referenced oil well is hereby granted in accordance with Rule C-3 (b), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

In addition, the following actions are necessary to fully comply with this approval:

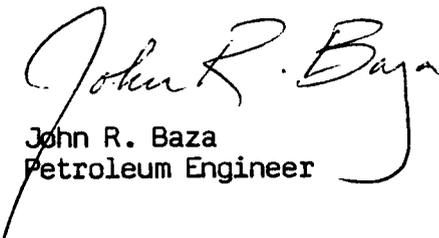
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Page 2
Natural Gas Corporation of
California
Well No. Federal 24-34D
June 4, 1985

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31637.

Sincerely,


John R. Baza
Petroleum Engineer

as
Enclosures
cc: Branch of Fluid Minerals

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER

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 Natural Gas Corporation of California

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 619'

16. NO. OF ACRES IN LEASE
 320 80 *acres*

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40

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 6150'

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 ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4876' NATURAL UNGRADED GROUND LEVEL

22. APPROX. DATE WORK WILL START*
 July 1, 1985

5. LEASE DESIGNATION AND SERIAL NO.
 U-45031

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 FEDERAL

9. WELL NO.
 24-34D

10. FIELD AND POOL, OR WILDCAT
 PLEASANT VALLEY

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 SEC 34, T8S, R18E

12. COUNTY OR PARISH
 UINTAH

13. STATE
 UTAH

RECEIVED
 JUN 18 1985
 DIVISION OF OIL GAS & MINING

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
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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 Kathy Loutson TITLE Technical Assistant DATE 5-23-85
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY [Signature] TITLE DISTRICT MANAGER DATE 6/11/85
 CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

*See Instructions on OPERATOR'S COPY

UT-080-5-M-153

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

BLM Div OGRM

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Natural Gas Corp. of California Well No. 24-34 D
Location Sec. 34 T8S R18E Lease No. U-45031
Onsite Inspection Date 05-16-85

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 Order No. 1, 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.

A. DRILLING PROGRAM

1. All fresh 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

Ram-type preventers shall be tested to 2,000 psi. Annular preventers shall be tested to 1,500 psi.

BOP and choke manifold systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

4. Mud Program and Circulating Medium

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.

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. Two copies 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 authorized officer (AO).

6. 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 spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

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.

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 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of a District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

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 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.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

B. THIRTEEN POINT SURFACE USE PLAN

1. The reserve pit will be lined with 2 lbs. per square foot of commercial bentonite.
2. Access to the well will be from the north between stakes No. 2 and 3.
3. If a plastic nylon reinforced liner is used, it should be torn and perforated before backfilling of the reserve pit.
4. Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage. Also, if broadcast, the seed mixture will be proportionately larger to total double the pounds per acre. Seed mixture will be determined by the BLM at the time of restoration.
5. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed within one year of well completion.
6. There will be no deviation from the proposed drilling and/or work-over program without prior approval from the AO. Safe drilling and operating practices must be observed.
7. "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.
8. This permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API #43-047-31637

NAME OF COMPANY: NATURAL GAS CORP OF CALIFORNIA

WELL NAME: FEDERAL 24-34D

SECTION SW 34 TOWNSHIP 8S RANGE 18E COUNTY Uintah

DRILLING CONTRACTOR Ram Air Drilling

RIG # _____

SPUDDED: DATE 6-26-85

TIME 2:00 PM

HOW Dry Hole Spudder

DRILLING WILL COMMENCE Olsen Drilling - Approx. 2 Weeks (7-10-85)

REPORTED BY Kathy

TELEPHONE # 789-4573

DATE 6-27-85 SIGNED SB

Natural Gas
Corporation of
California

RECEIVED

JUN 28 1985

DIVISION OF OIL
GAS & MINING

June 27, 1985

Bureau of Land Management
Vernal District
170 South 500 East
Vernal, Utah 84078

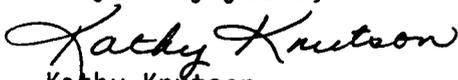
State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

SUBJECT: Request for Tight Hole Status
NGC 24-34D
Section 34, T8S, R18E
Uintah County, Utah

Gentlemen:

Attached is a Sundry Notice, form 3160-5, which requests that the above subject well be placed in tight hole status and all information regarding this well be held confidential.

Very truly yours,


Kathy Knutson
Technical Assistant

cc: Ralph E. Davis Assoc, Inc. Attn: James Simmon
S. Furtado Rm 1449
Land Department
P. Roberts
L. Jorgensen Rm 1421
Files

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
NATURAL GAS CORPORATION OF CALIFORNIA

3. ADDRESS OF OPERATOR
85 SOUTH 200 EAST, VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1880' FWL & 619' FSL, SE/SW.

RECEIVED

JUN 28 1985

DIVISION OF OIL
GAS & MINING

14. PERMIT NO. 43-047-31637

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4876' NGC

5. LEASE DESIGNATION AND SERIAL NO.
U-45031

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
FEDERAL

9. WELL NO.
24-34D

10. FIELD AND POOL, OR WILDCAT
PLEASANT VALLEY

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC 34, T8S, R18E

12. COUNTY OR PARISH
UINTAH

13. STATE
UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

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

17. 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.)*

OPERATOR REQUESTS THAT THIS WELL BE PLACED IN TIGHT HOLE STATUS AND ALL INFORMATION PERTAINING TO THIS WELL BE HELD CONFIDENTIAL AS PER 43CFR-3162.8.

CONFIDENTIAL

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

SIGNED Kathy Krutson TITLE Technical Assistant DATE 6-27-85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Natural Gas
Corporation of
California

RECEIVED

JUL 01 1985

DIVISION OF OIL
GAS & MINING

June 28, 1985

Bureau of Land Management
Vernal District
170 South 500 East
Vernal, Utah 84078

Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

SUBJECT: NGC 24-34D
Section 34, T8S, R18E
Uintah County, Utah

CONFIDENTIAL

Gentlemen:

Attached is Form 3160-5, Sundry Notices and Reports of Wells, reporting the spud date on the above subject well. Olsen Rig #2 is expected to move on location and begin drilling operations within a couple of weeks.

Very truly yours,

Kathy Knutson

Kathy Knutson
Technical Assistant

cc: Files

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE
(Other instructions
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS RECEIVED

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER JUL 01 1985

2. NAME OF OPERATOR
NATURAL GAS CORPORATION OF CALIFORNIA DIVISION OF OIL GAS & MINING

3. ADDRESS OF OPERATOR
85 SOUTH 200 EAST, VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1880' FWL & 619' FSL, SE/SW

14. PERMIT NO. 43-047-31637

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4876' NGC

5. LEASE DESIGNATION AND SERIAL NO.
U-45031

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
FEDERAL

9. WELL NO.
24-34D

10. FIELD AND POOL, OR WILDCAT
PLEASANT VALLEY

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
SEC 34, T8S, R18E

12. COUNTY OR PARISH
UINTAH

13. STATE
UTAH

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SPUD NOTICE

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

17. 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.)*

A 12 1/4" HOLE WAS SPUD AT 2:00 P.M., JUNE 26, 1985 BY RAM AIR DRILLING. DRILLING CONTINUED TO 300'. 7 JOINTS OF 8 5/8", 24.0#, K-55 CASING WAS SET AT TD AND CEMENTED WITH 200 SACKS CLASS "G" CEMENT. CIRCULATE CMT TO SURFACE. CURRENTLY WELL IS WAITING ON ROTARY TOOLS.

ORAL NOTICE OF SPUD WAS CALLED TO MARY WITH THE BLM AND SANDY WITH THE STATE OF UTAH ON 6-27-85.

CONFIDENTIAL

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

SIGNED Kathy Krutson TITLE Technical Assistant DATE 6-28-85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions on
reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-45031

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

FEDERAL

9. WELL NO.

24-34D

10. FIELD AND POOL, OR WILDCAT

PLEASANT VALLEY

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

SEC 34, T8S, R18E

12. COUNTY OR PARISH 13. STATE

UINTAH

UTAH

SUNDRY NOTICES AND REPORTS ON WELLS
RECEIVED

(Do not use this form for proposals to drill or to deepen or plug back to...
Use "APPLICATION FOR PERMIT—" for such proposals)

JUL 15 1985

DIVISION OF OIL
GAS & MINING

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
NATURAL GAS CORPORATION OF CALIFORNIA

3. ADDRESS OF OPERATOR
85 SOUTH 200 EAST, VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1880' FWL & 619' FSL, SE/SW

14. PERMIT NO.
43-047-31637

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4876' NGC

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

WEEKLY DRILLING REPORT

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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

17. 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.)*

OLSEN RIG #5 MOVED ON LOCATION, TESTED RAMS TO 2000# PSI, HYDRILL TO 1500# PSI AND SPUD 7 7/8" HOLE AT 6:00 P.M., JULY 8, 1985. CURRENTLY DRILLING IS CONTINUING AT 3290'.

CONFIDENTIAL

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

SIGNED *Kathy Krulson*

TITLE Technical Assistant

DATE 7/12/85

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

7/16/85
0800 hrs.

NGC - PxA

Fed 24-34-D

Sec. 34, TBS, RIBE, Uintah

Plugs @:

① 5300 - 5000 - 120 SX

② 3750 - 3550 - 70 SX

③ 1640 - 1440 - 70 SX

④ 391 - 191 - 70 SX

⑤ 10-15 SX Surf. plug

Kathy Knudsen

789-4573

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP DATE*
(Other instructions on re-
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED

JUL 22 1985

DIVISION OF OIL
GAS & MINING

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
NATURAL GAS CORPORATION OF CALIFORNIA

3. ADDRESS OF OPERATOR
85 SOUTH 200 EAST, VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1880' FWL & 619' FSL, SE/SW

14. PERMIT NO.
43-047-31637

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4876' NGC

5. LEASE DESIGNATION AND SERIAL NO.
U-45031

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
FEDERAL

9. WELL NO.
24-34D

10. FIELD AND POOL, OR WILDCAT
PLEASANT VALLEY

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC 34, T8S, R18E

12. COUNTY OR PARISH
UINTAH

13. STATE
UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(Other) _____

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

17. 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.)*

WELL WAS DRILLED TO TD OF 6150' IN SEVEN DAYS. WELL WAS TD AT 6:00 P.M., 7-14-85. LOGS WERE RUN AND DECISION MADE TO PLUG AND ABANDON WELL. CEMENT PLUGS WERE SET AS FOLLOWS:

Plug 1.	5297'-4933'	105 SX CLASS "H" CMT w/CELLOFLAKE
Plug 2.	3756'-3506'	70 SX CLASS "H" CMT w/CELLOFLAKE
Plug 3.	1646'-1396'	70 SX CLASS "H" CMT
Plug 4.	405'- 187'	70 SX CLASS "H" CMT

OLSEN RIG #5 WAS RELEASED AT 5:00 P.M., 7-16-85. A DRY HOLE MARKER WILL BE SET AND CEMENTED.

ORAL NOTICE OF PROPOSED PLUGGING GIVEN TO CODY HANSEN 7-15-85 AND JOHN BAZA WITH STATE ON 7-16-85.

CONFIDENTIAL

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

SIGNED Kathy Kretson TITLE Technical Assistant DATE 7/19/85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

DATE: 7/29/85

BY: John R. Baza

*See Instructions on Reverse Side

Natural Gas
Corporation of
California

RECEIVED

JUL 22 1985

DIVISION OF OIL
GAS & MINING

July 19, 1985

Bureau of Land Management
Vernal District
170 South 500 East
Vernal, Utah 84078

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

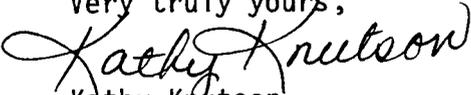
SUBJECT: Subsequent Report of Abandonment
NGC 24-34D
Section 34, T8S, R18E
Uintah County, Utah

CONFIDENTIAL

Gentlemen:

Attached is Form 3160-5, Sundry Notices and Reports on Wells, reporting the abandonment of the above subject well. Approval and plug placement recommendation was received July 16, 1985 from Cody Hansen, Bureau of Land Management. A dry hole marker will be set and the surface rehabilitated as per APD specifications.

Very truly yours,


Kathy Knutson
Technical Assistant

/kk
attachments

cc: L. Jorgensen
Ralph E. Davis Assoc, Inc.
S. Furtado
Land Department
Paul Roberts
Files

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

*Natural Gas
Corporation of
California*

RECEIVED

JUL 22 1985

DIVISION OF OIL
GAS & MINING

July 19, 1985

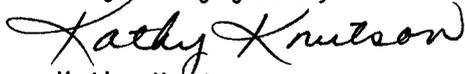
State of Utah
Department of Natural Resources
Division of Oil and Gas Conservation
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

SUBJECT: Report of Water Encountered During Drilling
NGC 24-34D
SE/SW Sec 34, T8S, R18E
Uintah County, Utah

Gentlemen:

Attached is form OGC-8-X reporting water encountered during the drilling of the above subject well. Also attached is a copy of the water analysis done on the flow from 3900' and 4100' to check for percentage of chlorides.

Very truly yours,



Kathy Knutson
Technical Assistant

/kk
attachments

cc: File

RECEIVED

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS CONSERVATION
1588 West North Temple
Salt Lake City, Utah 84116

JUL 22 1985
DIVISION OF OIL
GAS & MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number NGC 24-34D
Operator NATURAL GAS CORPORATION OF CALIFORNIA
Address 85 SOUTH 200 EAST, VERNAL, UTAH, 84078
Contractor OLSEN RIG #5
Address _____
Location SE 1/4, SW 1/4, Sec. 34, T. 8S N., R. 18E E., UINTAH County.
S. W.

Water Sands:

	<u>Depth:</u>		<u>Volume:</u> Flow Rate or Head -	<u>Quality:</u> Fresh or Salty -
	From -	To -		
1.	<u>+3900'</u>	<u>+4100'</u>	<u>2" Stream</u>	<u>Salty*</u>
2.	<u>+4300'</u>	<u>+5600'</u>	<u>Unknown</u>	<u>Salty</u>
3.	_____	_____	_____	_____
4.	_____	_____	_____	_____
5.	_____	_____	_____	_____

(Continue on Reverse Side if Necessary)

* analysis done on this water flow, copy is attached.

Formation Tops:

- NOTE:
- (a) Upon diminishing supply of forms, please inform this office.
 - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (see back of this form)
 - (c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

DOWELL SCHLUMBERGER

P.O. BOX
VERNAL, UTAH 84078

LABORATORY: *Vernal*

DATE: *July 12, 1985*

RECEIVED

American Petroleum Institute

JUL 22 1985

API WATER ANALYSIS REPORT FORM

Company <i>NGC</i>		Sample No. <i>1 of 1</i>	Date Sampled <i>July 12, 1985</i>	
Field <i>Pleasant Valley</i>	Legal Description <i>Sec. 34 - T8S - R18E</i>	County or Parish <i>Duchesne</i>	State <i>Ut.</i>	
Lease or Unit <i>Pleasant Valley</i>	Well <i>24-34-D</i>	Depth <i>± 3900</i>	Formation	Water, B/D
Type of Water (Produced, Supply, etc.) <i>Produced during drilling</i>	Sampling Point <i>Return Tank</i>		Sampled By <i>L. Keller</i>	

DIVISION OF OIL & MINING

DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na (calc.)	_____	_____
Calcium, Ca	_____	_____
Magnesium, Mg	_____	_____
Barium, Ba	_____	_____

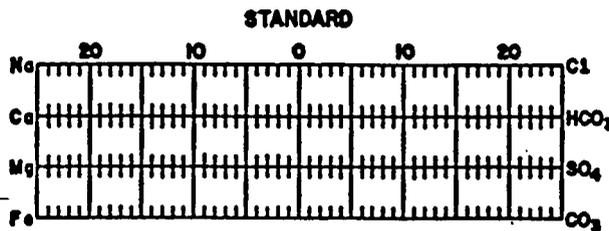
OTHER PROPERTIES

pH	_____	10
Specific Gravity, 60/60 F.	_____	1.02
Resistivity (ohm-meters) _____ F.	_____	_____

WATER PATTERNS — me/l

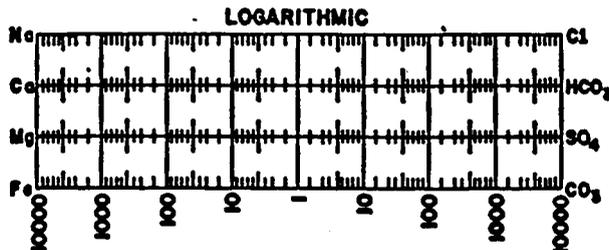
ANIONS

Chloride, Cl	<i>22,000</i>	_____
Sulfate, SO ₄	_____	_____
Carbonate, CO ₃	_____	_____
Bicarbonate, HCO ₃	_____	_____



Total Dissolved Solids (calc.)

Iron, Fe (total) _____
Sulfide, as H₂S _____



REMARKS & RECOMMENDATIONS:

This sample was filtered and analyzed for chlorides.

R.B. Gain

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-45031

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

24-34D

10. FIELD AND POOL, OR WILDCAT

Eightmile Flat North

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

Sec 34, T8S, R18E

12. COUNTY OR PARISH

Utah

13. STATE

Utah

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 NONE

2. NAME OF OPERATOR
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, Utah 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1880' FWL & 619' FSL, SE/SW
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-047-31637 DATE ISSUED 6-4-85

15. DATE SPUDDED 6-26-85 16. DATE T.D. REACHED 7-14-85 17. DATE COMPL. (Ready to prod.) 7-16-85 18. ELEVATIONS (DF, RKE, RT, GR, ETC.)* 4876' NGL 19. ELEV. CASINGHEAD 4388' KB-

20. TOTAL DEPTH, MD & TVD 6150' 21. PLUG, BACK T.D., MD & TVD 0' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY → ALL 24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* None 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE-ELECTRIC AND OTHER LOGS RUN CNL, DC w/GR & Cal TD to 3000', DIL, DLL w/GR & Cal TD to surface

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24.0# K-55	300'	12 1/4"	200 sacks class "G"	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
NA				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
NA		

31. PERFORATION RECORD (Interval, size and number) None

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
NA	

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
None		Plug and Abandoned

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

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

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

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Kathy Knutson TITLE Technical Assistant DATE 8/6/85

*(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
				GreenRiver		
				A	4167'	
				B	4416'	
				Douglas Creel	4791'	
				D	5025'	
				F	5578'	
				GRNRVR LMS	5972'	

Natural Gas
Corporation of
California

RECEIVED

AUG 07 1985

DIVISION OF OIL
GAS & MINING

August 6, 1985

Bureau of Land Management
Vernal District
170 South 500 East
Vernal, Utah 84078

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

SUBJECT: NGC 24-34D
Section 34, T8S, R18E
Uintah County, Utah

Gentlemen:

Attached is form 3160-4, Well Completion or Recompletion Report and Log, for the above subject well. This well was plugged and abandoned after drilling and is currently waiting on restoration. You will be advised when the location has been recontoured and seeded and is ready for final inspection.

Very truly yours,

Kathy Knutson

Kathy Knutson
Technical Assistant

/kk
attachments

cc: Ralph E. Davis Assoc. Inc.
Files

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 24-34-4-45031
2. NAME OF OPERATOR Starfighter Petroleum Co. (Natural Gas)		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR Box 775 Duchesne Utah 84021		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface T8S R18E S1/4 SW1/4, NE1/4 SE1/4		8. FARM OR LEASE NAME Federal
14. PERMIT NO. 43-047-31637	15. ELEVATIONS (Show whether DF, ft., or, etc.) GR 4876	9. WELL NO. 24-34
		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 34-85 18E
		12. COUNTY OR PARISH 13. STATE UTAH UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input checked="" type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

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

17. 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.)*

DRILL cement plugs RUN 5 1/2" casing to 6100'
cement casing to 1400' OF SURFACE
perforate 5094-5112 2 shots per ft.

The above operator agrees to comply with the conditions of approval within the surface use plan of the APD



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

SIGNED [Signature] TITLE Asst. Sec. DATE 12-6-85

(This space for Federal or State office use)

APPROVED BY [Signature] TITLE DISTRICT MANAGER DATE 12-10-85
CONDITIONS OF APPROVAL, IF ANY:

86-12-02-w

*See Instructions on Reverse Side

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

Phone confirmations -

Contacted Kathy Knutson of NGC on 7-17-85 to confirm the P+A of well # 24-34D and to find out the status of the plastic pit liner. The liner tore again (2 layers of 10mil and 1 layer of 20mil) underlying straw - Bill Ryan of NGC called Lloyd Ferguson to request removal by Target Trucking of the drilling fluids & water in pit to Hansens Disposal pit. Lloyd ok-ed it.

Amy Henslem
Environmental Scientist DMRA
7-18-85

3162.3-2
U-820

December 10, 1985

Starfighter Petroleum Co.
Box 775
Duchesne, UT 84021

Re: Reentry of Well No. 24-34
Sec. 34, T8S, R18E, SLB&M
Lease U-58548
Uintah County, Utah

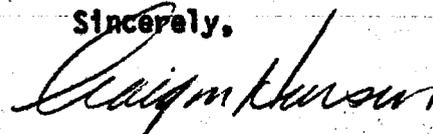
Gentlemen:

Attached find your copy of the approved request to perform the referenced operation. Please note the attached Conditions of Approval and the operator packet with all applicable regulations, NTL's, and Onshore Orders. The operating requirements outlined in 43 CFR 3160 series should be intimately understood by your company to avoid noncompliance.

Please note the newly issued serial number for this lease (U-58548). This lease number shall be reflected on all required forms and well signs.

If you have any questions concerning Starfighter's responsibilities, please contact Jerry Kenczka, Allen McKee, or Alvin Burch at 789-1362.

Sincerely,



Craig M. Hansen
ADM for Minerals

Enclosure

AMcKee:ma

CONDITIONS OF APPROVAL

The Vernal District Petroleum Engineers have reviewed the Sundry Notice for technical adequacy and concur with the down hole portion of the request providing the following stipulations are included as a part of the approval:

1. Pursuant to Onshore Oil and Gas Order No. 1, Lessees and operators have the responsibility to see that their exploration and production operations are conducted in a manner which conforms with applicable Federal laws, regulations, notices, and orders and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.
2. The drilling fluid for this well shall not contain chromate additives.
3. Prior to running any casing string, the Division of Minerals will be orally notified sufficiently in advance to enable a BLM representative present.
4. All blow-out prevention equipment, including the stack, choke manifold, kill line, closing units, and associated piping, will be consistent with API RP 53 guidelines concerning arrangement, pressure ratings, test procedures and installations. Pipe rams will be operationally checked daily. Blind rams will be operationally checked on each trip.
5. Oil and gas measurement facilities will be installed within lease boundaries and, if possible, on the well pad. Oil and gas meters, A.C.T. meters, orifice plate meters, and turbine meters will be calibrated prior to any deliveries. Meter provings shall be monthly for the first three months and quarterly thereafter. The Division of Minerals will be provided with a date and time for the initial meter calibration and all future meter provings. A copy of the meter calibration report shall be submitted to this office.
6. All measurement and storage facilities will conform with API standards for liquid hydrocarbons and AGA standards for gaseous hydrocarbons. NO bypasses will exist on any master meters. Load lines shall be placed inside the dike surrounding the tank battery.
7. No well abandonment operation shall commence without the prior approval from the Division of Minerals. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval can be obtained from the Authorized Officer. A "Subsequent Report of Abandonment" (Sundry Notice) will be filed with this office within 15 days following completion of the abandonment procedure.
8. Off-lease measurement, off-lease storage, commingling downhole or surface commingling off-lease or on-lease shall have prior approval from the Division of Minerals.

9. Daily drilling and completion reports will be submitted to this office on a weekly basis.
10. The operator, Starfighter Petroleum Company, will have the option of either using frac tanks on the #24-34 location to contain the fluids necessary for drilling and completion activities or, if the original reserve pit is necessary for operations, the operator will install a new liner in the pit. The liner will be of Butyl rubber material or EPDM (ethylene-propylene-diene-monomers). The thickness of the liner will be 45 mil, and it must cover the entire reserve pit. The contents and the liner will be removed and disposed of at an authorized disposal site within 90 days of first production. Note specific NTL-2B requirements for produced water disposal, in the original APD, for this location issued to Natural Gas Corporation of California on June 11, 1985.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
PARTIAL
ASSIGNMENT AFFECTING RECORD TITLE
TO OIL AND GAS LEASE

FORM APPROVED
OMB NO. 1004-0034
Expires: August 31, 1985

Lease Serial No.
U-45031
Lease effective date
May 1, 1981
FOR BLM OFFICE USE ONLY

New Serial No.
U-58546

1985 DEC - 10 AM 1985
BUREAU OF LAND MANAGEMENT
DEPARTMENT OF THE INTERIOR

PART I

1. Assignee's Name

Starfighter Petroleum

Address (include zip code)

3980 South 2500 East, Vernal, Utah 84078

The undersigned, as owner of 100 percent of the record title of the above-designated oil and gas lease, hereby transfers and assigns to the assignee shown above, the record title interest in and to such lease as specified below.

2. Describe the lands affected by this assignment

Township 8 South, Range 18 East
Section 34: SE/4SW/4
Containing 40.00 acres, more or less,
Uintah County, Utah.

Assignment approved as to lands described below

SAME LAND AS ITEM 2

3. Specify interest or percent of assignor's record title interest being conveyed to assignee	100%
4. Specify interest or percent of record title interest being retained by assignor, if any	None
5. Specify overriding royalty being reserved by assignor	3.75%
6. Specify overriding royalty previously reserved or conveyed, if any	6.25%

7. If any payments out of production have previously been created out of this lease, or if any such payments are being reserved under this assignment, attach statement giving full details as to amount, method of payment, and other pertinent terms as provided under 43CFR 3106.

It is agreed that the obligation to pay any overriding royalties or payments out of production of oil created herein, which, when added to overriding royalties or payments out of production previously created and to the royalty payable to the United States, aggregate in excess of 7 1/2 percent, shall be suspended when the average production of oil per well per day averaged on the monthly basis is 15 barrels or less.

CERTIFY That the statements made herein are true, complete, and correct to the best of my knowledge and belief and are made in good faith.

Executed this 14th day of November, 1985.
Natural Gas Corporation of California

Joan T. Buckbee

AS to ~~80%~~ 100%
Joan T. Buckbee, Attorney-in-Fact
Four Embarcadero Center, Suite 1400
San Francisco, California 94111

PGandE Gas Supply Company

Joan T. Buckbee

(As to 20%)
Joan T. Buckbee, Attorney-in-Fact
Four Embarcadero Center, Suite 1400
San Francisco, California 94111

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

THE UNITED STATES OF AMERICA

Assignment approved effective JAN 1 1986

By *[Signature]*
(Authorized Officer)

CHIEF, MINERAL
ADJUDICATION SECTION

(Title)

DEC 12 1985

(Date)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
UTAH STATE OFFICE
324 SOUTH STATE, SUITE 301
SALT LAKE CITY, UTAH 84111-2303

IN REPLY REFER TO

3100
U-58546
(U-942)

JAN 14 1986

DECISION

Starfighter Petroleum : Oil and Gas Lease
3980 South 2500 East : U-58546
Vernal, Utah 84078 :

Treasury Note in Lieu of Bond Accepted

The power of attorney and treasury note in the amount of \$10,000, received in connection with oil and gas lease U-58546, with Starfighter Petroleum as obligor, are hereby accepted as of December 20, 1985, the date the Federal Reserve Bank received the wire deposit.

ROBERT LOPEZ

Chief, Minerals
Adjudication Section



COMMISSION AREA:	INITIALS	ASSIGNED
Dist. Mgr.		
Assoc. DM:		
Administration		
Resources		
Operations		
REC'D		
JAN 16 1986		

BUREAU OF LAND MGMT.		
Minerals		
Dia. Mtn.		
Bookcliff		
All Employees		

68K

34

3-ENTRY
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0187
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

458546

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

24-34

10. FIELD AND POOL, OR WILDCAT

Pariahtc

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

Sec. 34 Twp 85 RGE 18E

12. COUNTY OR PARISH

WINTAH UTAH

13. STATE

UTAH

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 **MAR 1986**

2. NAME OF OPERATOR

STARFIGHTER Pct. INC.

3. ADDRESS OF OPERATOR

P.O. Box 775 DUCHESNE UTAH 84021

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

At surface 1880' FWL & 619' FS2, SE/SW

At top prod. interval reported below SAME

At total depth SAME

14. PERMIT NO. DATE ISSUED

43-047-31637 6-4-85

15. DATE SPUDDED

12-6-85

16. DATE T.D. REACHED

12-18-85

17. DATE COMPL. (Ready to prod.)

1-21-1986

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

4876' G.L.

19. ELEV. CASINGHEAD

4876'

20. TOTAL DEPTH, MD & TVD

6150 MD

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

22. IF MULTIPLE COMPL., HOW MANY*

1

23. INTERVALS DRILLED BY

ROTARY TOOLS CABLE TOOLS

Rotary

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

5094'-5112' MD G.R.

25. WAS DIRECTIONAL SURVEY MADE

YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

DUAL LATEROLOG, DENSITY NEUTRON LOG, C.R.L.

27. WAS WELL CORED

NO

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8		303'	12 1/4"	TO SURFACE	
5 1/2	15.50	5,278'	7 7/8"	620 SACKS	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
NONE				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	5,178	NONE

31. PERFORATION RECORD (Interval, size and number)

5,094'-5,112' .38 - 36

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5094'-5112'	12,300 GAL. 42% 40# GEL. 0.9
	45,000# 20-40 SAND
	19,000# 12-20 SAND
	FLUSH 5,123 GAL.

33. PRODUCTION

DATE FIRST PRODUCTION 1-21-1986 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) PUMPING. ROD PUMP 1 1/2" WELL STATUS (Producing or shut-in) PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
60#	180#		360	150,000	25	37

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

USED FOR FUEL, AND SOLD

35. LIST OF ATTACHMENTS

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

SIGNED [Signature] TITLE MAF- DATE 3-31-1986

860509 CP

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 #	4167'	
				DOUGLAS CREEK	4791'	

RECOMPLETION

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN PLICATE
(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

458546

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. NAME OR LEASE NAME

9. WELL NO.

24-34

10. FIELD AND POOL, OR WILDCAT

Parish

11. SEC., T., R., N., ON BLOCK AND SURVEY OR AREA

SEC. 34 TWP 8S RGE 18E

12. COUNTY OR PARISH

WINN

13. STATE

LA

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

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

RECEIVED
APR 04 1986

2. NAME OF OPERATOR

STARFIGHTER Pctg INC.

3. ADDRESS OF OPERATOR

P.O. Box 775 DUCHESNE UTM 8402/OIL, GAS & MINING

DIVISION OF

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

At surface 1880' FWL & 619' FSL, SE/SW

At top prod. interval reported below SAME NGC

At total depth SAME 24-34 D

14. PERMIT NO. DATE ISSUED

43-047-31637 6-4-85

15. DATE SPUDDED

12-6-85

16. DATE T.D. REACHED

12-18-85

17. DATE COMPL. (Ready to prod.)

1-21-1986

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

4876' G.L.

19. ELEV. CASINGHEAD

4876'

20. TOTAL DEPTH, MD & TVD

6150 MD

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

SAME

22. IF MULTIPLE COMPL. HOW MANY*

1

23. INTERVALS DRILLED BY

Rotary

ROTARY TOOLS

Rotary

CABLE TOOLS

Rotary

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

5094'-5112' MD G.P.

25. WAS DIRECTIONAL SURVEY MADE

YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

DUAL LATEROLOG, DENSITY NEUTRON LOG, C.R.L.

27. WAS WELL CORED

NO

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<u>8 5/8</u>		<u>303'</u>	<u>12 1/4"</u>	<u>TO SURFACE</u>	
<u>5 1/2</u>	<u>15.50</u>	<u>5,278'</u>	<u>7 7/8"</u>	<u>620 SACKS</u>	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
<u>NONE</u>				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
<u>2 7/8</u>	<u>5,178</u>	<u>NONE</u>

31. PERFORATION RECORD (Interval, size and number)

5,094'-5,112' .38 - 36

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<u>5094'-5112'</u>	<u>12,300 GAL 42% HCl 40% SiO2 - 9.7</u>
	<u>45,000# 20-40 SAND</u>
	<u>19,000# 12-20 SAND</u>
	<u>FLUSH 5,123 GAL.</u>

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
<u>1-21-1986</u>	<u>PUMPING, ROD PUMP 1 1/2"</u>	<u>PRODUCING</u>					
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW, TUBING PRESS.	CASINO PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
<u>60 FF</u>	<u>180 FF</u>		<u>360</u>	<u>150,000</u>	<u>25</u>	<u>37</u>	

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

USED FOR FUEL, AND SOLD

35. LIST OF ATTACHMENTS

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

SIGNED [Signature] TITLE MAF- DATE 3-31-1986

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

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

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.	GEOLOGIC MARKERS		
				NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				GREEN RIVER H	4167'	
				DOUGLAS CREEK	4791'	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN THIS MANNER

See other instructions on reverse side

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

458546

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. NAME OR LEASE NAME

9. WELL NO.

24-34

10. FIELD AND POOL, OR WILDCAT

Pariahtic

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

SEC. 34 TWP 8S RGE 18E

12. COUNTY OR PARISH

WINNEMAN UTAH

13. STATE

UTAH

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other
1b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RENVR. Other

RECEIVED
APR 04 1986

2. NAME OF OPERATOR
STARFIGHTER Pct. INC.

3. ADDRESS OF OPERATOR
P.O. Box 775 DUCHESNE UTAH 84021

DIVISION OF OIL, GAS & MINING

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

At surface 1580' FWL & 619' FS2, SE/SW

At top prod. interval reported below SAME

At total depth SAME

14. PERMIT NO. DATE ISSUED

43-047-31637 6-4-85

12. COUNTY OR PARISH

WINNEMAN

13. STATE

UTAH

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, OR, ETC.) 19. ELEV. CASINGHEAD

12-6-85 12-18-85 1-21-1986 4876' G.L. 4876'

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY? 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS

6150 MD 1 1 Rotary

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

5094'-5112' MD G.P.

25. WAS DIRECTIONAL SURVEY MADE

YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

DUAL LATEROLOG, DENSITY, NEUTRON LOG, C.B.L.

27. WAS WELL CORED

NO

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8		303'	12 1/4"	TO SURFACE	
5 1/2	15.50	5,278'	7 7/8"	620 SACKS	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
NONE				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	5,178	NONE

31. PERFORATION RECORD (Interval, size and number)

5,094'-5,112' .38 - 36

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5094'-5112'	12,300 GAL. 42% 40# G.W. - 97
	45,000# 20-40 SAND
	19,000# 12-20 SAND
	FLUSH 5,123 GAL.

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
1-21-1986	PUMPING. ROD PUMP 1 1/2"	PRODUCING					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
60 FF	180 FF		360	150,000	25	37	

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

USED FOR FUEL, AND SOLD

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED

[Signature]

TITLE

MANAGER

DATE

3-31-1986

*(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 H	4167'	
				DOUGLAS CREEK	4791'	



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

May 8, 1986

MEMO TO FILE: *KFB*

Starfighter Petroleum Company
P. O. Box 775
Duchesne, Utah 84021

The above referenced operator re-entered the P & A Well No. Federal 24-34D in Sec. 34, T. 8S, R. 18E in Uintah County. This action was approved by the BLM on December 10, 1985, but did not have prior approval from the Division of Oil, Gas and Mining.

Because this is on a federal lease, the division accepts this BLM approval. The API number will remain 43-047-31637.



STATE OF UTAH
 NATURAL RESOURCES
 Oil, Gas & Mining

Norman H. Bangerter, Governor
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355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

May 8, 1986

MEMO TO FILE:

IFB

Starfighter Petroleum Company
 P. O. Box 775
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The above referenced operator re-entered the P & A Well No. Federal 24-34D in Sec. 34, T. 8S, R. 18E in Uintah County. This action was approved by the BLM on December 10, 1985, but did not have prior approval from the Division of Oil, Gas and Mining.

Because this is on a federal lease, the division accepts this BLM approval. The API number will remain 43-047-31637.

IN COMPUTER AS
 GRRV
 SHD WE LEAVE
 AS IS OR CHANGE
 TO DGCRK?
 3-11-88
 ✓ LV. AS
 GRRV.

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0123
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

3. Lease Designation and Serial No.
U-58546

6. Is Indian, Allotment or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
Fed. 24-34D

2. Name of Operator
HOT ROD OIL

9. API Well No.
4304731637

3. Address and Telephone No.
3133 NORTH 2050 WEST, VERNAL UT 84078 / (801) 828-7288

10. Field and Pool, or Exploratory Area
Emile Flat North

4. Location of Well (Page, Sec., T., R., M., or Survey Description)
SW 1/4 NE 1/4 Sec 34 Township 8S Range 18E
Uintah County, Utah - USA

11. County or Parish, State

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

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 directional give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

RECEIVED

MAY 24 1994

BOND #UT-0932.

Please be advised that Hot Rod Oil is considered to be the operator of well # Fed. 24-34D SW 1/4 NE 1/4 Sec 34 Township 8S Range 18E Lease U-58546 Uintah County, Utah; and is responsible under the terms, and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Bond #UT-0932.

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

Signed Mark J. [Signature]
Approved by [Signature]
Consent of approval, if any:

Title Co-owner Date 1/17/94
Assistant District Manager Minerals Date JUN 02 1994

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

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

APR 5 1994

6. Lease Designation and Serial Number
U-51081

7. Indian Allotment or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT for such proposals

8. Unit or Communitization Agreement

1. Type of Well
 Oil Well Gas Well Other (specify)

9. Well Name and Number
Red 24-340

2. Name of Operator
HOT ROD OIL

10. API Well Number
4304731637

3. Address of Operator
3133 North 2050 West, Vernal, UT 84078

4. Telephone Number
801/828-7288

11. Field and Pool or Wildcat
8 Mile Flat North

5. Location of Well
Footage
Co. Sec. T. R. M. SW/4. NE/4 Sec 34 Township 8 South Range 13 East County: Uintah State: UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other RESIGNATION OF OPERATOR.
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other _____
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LCG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

CHANGE OF OPERATOR.

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

Name & Signature [Signature]

Title Vice Pres

Date 4/14/94

(State Use Only)

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: <input type="checkbox"/>		5. Lease Designation and Serial Number: U-45031
2. Name of Operator: Starfighter Petroleum		6. If Indian, Allocated or Tribe Name:
3. Address and Telephone Number: P.O. Box 101, Litchfield Park, AZ 85340 (602) 932-3700		7. Unit Agreement Name:
4. Location of Well Footages: S34 TWS8S RNG18E SESW CO, Sec., T., R., M.:		8. Well Name and Number: Federal 24-34D
		9. API Well Number: 4304731637
		10. Field and Pool, or Wildcat: 590 8-mile flat north
		County: Uintah State: Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>SELL</u> | |

Approximate date work will start EFF: 3-15-94

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

SOLD TO: Hot Rod Oil
3133 N 2050 W
Vernal, Utah 84078

13.

Name & Signature: Verda Quackenbush

Title

Owner

Date: 4-29-94

(This space for State use only)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing: *LWP*

1-LAC	7-SJ	✓
2-DTS	8-FILE	✓
3-VLC		✓
4-RJF		✓ <i>LWP</i>
5-LEC		
6-PL		✓

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 3-15-94)

TO (new operator)	<u>HOT ROD OIL</u>	FROM (former operator)	<u>STARFIGHTER PETROLEUM INC</u>
(address)	<u>3133 N 2050 W</u>	(address)	<u>PO BOX 101</u>
	<u>VERNAL UT 84078</u>		<u>LITCHFIELD PARK AZ 85340</u>
	<u>MARK PETERSON</u>		<u>H E QUACKENBUSH JR</u>
	phone <u>(801) 789-5698</u>		phone <u>(602) 932-3700</u>
	account no. <u>N 9220</u>		account no. <u>N 7340</u>

Well(s) (attach additional page if needed):

Name: <u>FEDERAL 33-9H/DGCRK</u>	API: <u>43-013-31108</u>	Entity: <u>10674</u>	Sec <u>9</u> Twp <u>9S</u> Rng <u>17E</u>	Lease Type: <u>U61052</u>
Name: <u>FEDERAL 24-34D/GRRV</u>	API: <u>43-047-31637</u>	Entity: <u>10525</u>	Sec <u>34</u> Twp <u>8S</u> Rng <u>18E</u>	Lease Type: <u>U45031</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Lee* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (*Reg. 4-18-94*) (*Rec'd 4-18-94*)
- Lee* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (*Rec'd 4-15-94*)
- N/A* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.
- Lee* 4. (For **Indian and Federal Wells ONLY**) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Lee* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (*6-6-94*)
- LWP* 6. Cardex file has been updated for each well listed above. *6-6-94*
- LWP* 7. Well file labels have been updated for each well listed above. *6-6-94*
- Lee* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (*6-6-94*)
- Lee* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- J 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- J 2. A copy of this form has been placed in the new and former operators' bond files.
- J 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date 6/15/94 1994. If yes, division response was made by letter dated 6/15/94 1994.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 6/15/94 1994, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: June 10 1994.

FILING

- ✓ 1. Copies of all attachments to this form have been filed in each well file.
- ✓ 2. The original of this form and the original attachments have been filed in the Operator Change file.

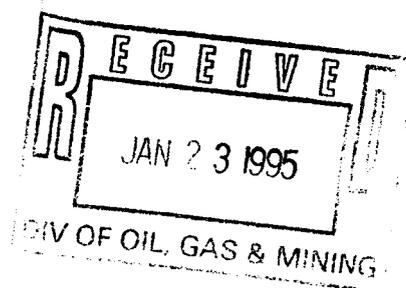
COMMENTS

940206 Ehm/Vemel Apr. 6-2-94.

DALEN Resources
Oil & Gas Co.



January 20, 1995



Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

Attention: Ms. Margie Herman

RE: Federal 24-34D
Federal 33-9H
Pomco 14-8
Duchesne & Uintah Counties, Utah

Dear Ms. Herman:

In reference to our telephone conversation of January 19, 1995, I have enclosed sundries for the referenced wells. The sundries for the Federal 24-34D and Federal 33-9H name DALEN Resources as the new operator and the sundry for the Pomco 14-8 requests that the well name be changed to the Federal 32-8H. I have also requested Hot Rod Oil Company to submit sundries relinquishing themselves as operator of the Federal 24-34D and Federal 33-9H.

If you have any questions or need further information, please contact the undersigned at 214/706-3640.

Very truly yours,

A handwritten signature in cursive script that reads "Cindy R. Keister".

Cindy R. Keister
Supervisor Regulatory Compliance
Northern Production Division

CRK/ck

Attachments

cc: Utah Division Oil, Gas & Mining
Regulatory File
Central File

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

RECEIVED
FEB - 8 1995
DIV OF OIL, GAS & MINING

Lease Designation and Serial Number
U-51081
County or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT— for such proposals.

Unit or Communitization Agreement

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		9. Well Name and Number Fed 24-340
2. Name of Operator HOT ROD OIL		10. API Well Number 4304731637
3. Address of Operator 3133 North 2050 West, Vernal, UT 84078	4. Telephone Number 801/828-7288	11. Field and Pool or Wildcat 8 Mile Flat North

5. Location of Well
 Forage
 Co. Sec. T. R. M. : SW/4 NE/4 Sec 34 Township 8 South Range 18 East State : UTAH County : Uintah

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Casing Repair
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Conversion to Injection
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Fracture Treat
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Other
<input checked="" type="checkbox"/> Other RESIGNATION OF OPERATOR.	
<input type="checkbox"/> New Construction	<input type="checkbox"/> New Construction
<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Water Shut-Off	

Approximate Date Work Will Start _____

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LCG form.
 * Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

CHANGE OF OPERATOR.

Hot Rod O.I. is no longer the operator
Dalew is the new operator

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

Name & Signature: Mark A. [Signature] Title: Vice Pres Date: 2/4/95

(State Use Only)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

R E C E I V E D
MAR 1 - 1995
DIVISION OF OIL, GAS & MINING

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
U-58546
6. If Indian, Allottee or Tribe Name
NA

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Hot Rod Oil Co..

3. Address and Telephone No.

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)
1880' FWL & 619' FSL SE/4 SW/4
Section 34, T8S-R18E

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
Federal 24-34D

9. API Well No.
43-047-31637

10. Field and Pool, or Exploratory Area
Pleasant Valley

11. County or Parish, State
Uintah County, Utah

FEB 1 1995

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <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 <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log from.)</small>

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

Hot Rod Oil Co. has relinquished operations to DALEN Resources Oil & Gas Co., 6688 N. Central Expwy., Suite 1000, Dallas, TX 75206.

VERNAL DIST.
ENG. WBS 2/4/95
GEOL. _____
E.S. _____
PET. _____
A.M. _____

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

Signed

[Signature]

Title

Co-Owner

Date

2/10/95

(This space for Federal or state office use)

Approved by

[Signature]

Title

ASSISTANT DISTRICT
MANAGER MINING

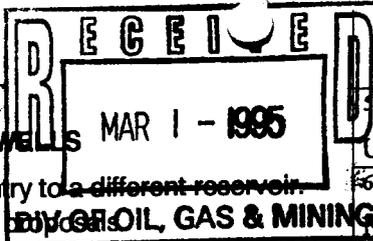
Date

FEB 23 1995

CC: UTAH DOGM

02-95-48-A

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



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

SUNDRY NOTICES AND REPORTS ON WELLS

MAR 1 - 1995

Lease Designation and Serial No.

U-58546

If Indian, Allottee or Tribe Name

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

BY OIL, GAS & MINING

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	7. If Unit or CA, Agreement Designation NA
2. Name of Operator DALEN Resources Oil & Gas Co.	8. Well Name and No. Federal 24-34D
3. Address and Telephone No. 6688 N. Central Expwy., Suite 1000, Dallas, TX 75206	9. API Well No. 43-047-31637
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1880' FWL & 619' FSL SE/4 SW/4 Section 34, T8S-R18E	10. Field and Pool, or Exploratory Area Pleasant Valley
	11. County or Parish, State Uintah County, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<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 from.)

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.)*

Please be advised that DALEN Resources Oil & Gas Co. is responsible for and has assumed operations of the Federal 24-34 pursuant to the terms and conditions of Federal Lease #U-58546 and operating rights thereof covering the SE/4 SW/4 of Section 34, Township 8 South, Range 18 East, Uintah County, Utah, and containing 80 acres more or less.

Bond coverage for this well is provided by Bond No. U-187011.

VERNAL DIST.
ENG. WBB 2/21/95
GEOL. _____
E.S. _____
PET. _____
A.M. _____

JAN 23 1995

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

Signed Candy S. Freister Title Supervisor Regulatory Compliance Date 01/20/1995

(This space for Federal or State office use)

Approved by [Signature] Title ASSISTANT DISTRICT MANAGER Date FEB 23 1995

Conditions of approval, if any:

CC: UTAH DOGM

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:	
1- LEC	
2- LWP 7-PL	
3- DTB 8-SJ	
4- VLC 9-FILE	
5- RJF	
6- LWP	

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 11-1-94)

TO (new operator)	DALEN RESOURCES OIL & GAS	FROM (former operator)	HOT ROD OIL
(address)	6688 N CENTRAL EXP #1000	(address)	3133 N 2050 W
	DALLAS TX 75206-3922		VERNAL UT 84078
			MARK PETERSON
	phone (214) 750-3800		phone (801) 789-5698
	account no. N 3300		account no. N 9220

Well(s) (attach additional page if needed):

Name: FEDERAL 24-34D/GRRV	API: 43-047-31637	Entity: 10525	Sec 34 Twp 8S Rng 18E	Lease Type: U45031
Name: FEDERAL 33-9H/DGCRK	API: 43-013-31108	Entity: 10674	Sec 9 Twp 9S Rng 17E	Lease Type: U61052
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- LEC 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Ref. 1-25-95) (1.c'd 2-8-95)*
- LEC 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 1-23-95)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____
- LEC 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- LEC 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(3-3-95)*
- LEC 6. Cardex file has been updated for each well listed above *3-6-95*
- LEC 7. Well file labels have been updated for each well listed above. *3-6-95*
- LEC 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(3-3-95)*
- LEC 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Y/le 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A/le 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- n/a 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- n/a 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: March 8 1995.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

- 950124 B/m/Vernal OK to chg well name "Pomco 14-8 to Federal 32-8H" handled separately!
- 950302 B/m/Vernal Aprx 24-340 E! 33-9H 2/23/95.
- 950303 Delen "Debye Yedon" Eff. date of transfer 11-1-94.

**ENSERCH
EXPLORATION** INC

4849 Greenville Ave., Suite 1200
Dallas, Texas 75206-4186
214/369-7893

January 11, 1996

Bureau of Land Management
Utah State Office
324 South State
Salt Lake City, UT 84111

Attention: Mr. Chris Merritt

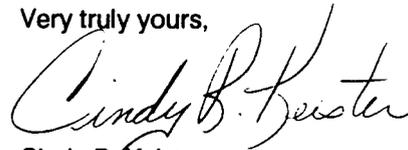
RE: Operator Name Change

Dear Mr. Merritt:

DALEN Resources Oil & Gas Co. has been merged into Enserch Exploration, Inc. effective January 1, 1996. Attached is a list of the properties that were operated by DALEN Resources and a copy of the Certificate of Merger from the Secretary of the State of Texas. Please change the operator name on these properties. Enserch Exploration, Inc. operates under Nationwide Bond No. 203826, BLM assigned No. MT-0680.

If you have any questions or need further information, please contact the undersigned at (214) 987-6363.

Very truly yours,



Cindy R. Keister
Regulatory Compliance Specialist

CRK/ck

Attachments

cc: Vernal BLM Office w/attachments

**United States Department of the Interior
BUREAU OF LAND MANAGEMENT**

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

FEB 12 1996

IN REPLY REFER TO:
3100
U-01470A et al
UT-923

FEB 09 1996

NOTICE

Enserch Exploration, Inc. : Oil and Gas
4849 Greenville Ave., Suite 1200 : U-01470A et al
Dallas, Texas 75206-4186 :

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of DALEN Resources Oil & Gas Co. into Enserch Exploration, Inc. with Enserch Exploration, Inc. being the surviving entity.

For our purposes, the merger is recognized effective December 31, 1995 (Secretary of State's approval date).

The oil and gas lease files identified on the enclosed exhibit have been noted as to the merger. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field offices, you will be contacted by them.

If you identify other leases in which the merging entity maintains an interest, please contact this office and we will appropriately document those files with a copy of this notice.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from DALEN Resources Oil & Gas Co. to Enserch Exploration, Inc. on Bond No. U1870111 (BLM Bond No. WY2554). This is a nationwide bond held in the Wyoming State Office. Enserch Exploration, Inc. has a nationwide bond, No. 203826 (BLM Bond No. MT0680) on file in the Montana State Office. Only one of the bonds is required to cover liabilities for lease obligations. However, both bonds will remain in effect until the principal/obligor advises the appropriate BLM State Office which bond it wishes to maintain and which bond it wishes to have the period of liability terminated. A rider, assuming any and all liabilities of the bond you wish to terminate must be submitted for approval to the appropriate BLM State Office. If you have any questions concerning the bonding, please contact Irene Anderson at (801) 539-4108.

/s/ ROBERT LOPEZ

Chief, Branch of Mineral
Leasing Adjudication

Enclosure

1. Exhibit (1p)

bc: State of Utah, Division of Oil, Gas & Mining, Attn: Lisha Cordova,
3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1204
MMS-Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217
Moab District Office
Vernal District Office
Teresa Thompson (UT-920)
Irene Anderson (UT-923)

Exhibit of Leases

U-01470A	U-0143521A	U-52765	UTU-68328
U-01790	U-0147541	U-55626	UTU-68330
U-02896A	U-0147541A	U-58546	UTU-68338
U-03505	U-2838	U-61052	UTU-68346
U-03576	U-7206	U-61189	UTU-68347
U-013429A	U-10291	U-62657	UTU-68348
U-013765	U-10760	UTU-65218	UTU-68388
U-013766	U-11385	UTU-65472	UTU-68402
U-013767	U-13905	UTU-65615	UTU-68544
U-013769	U-14236	UTU-65949	UTU-68548
U-013769A	U-15392	UTU-66004	UTU-68619
U-013769B	U-16535	UTU-66027	UTU-68624
U-013769C	U-16539	UTU-66033	UTU-68625
U-013792	U-16544	UTU-66184	UTU-68626
U-013793	U-17036	UTU-66185	UTU-68627
U-013793A	U-17424	UTU-66193	UTU-68631
U-013794	U-19267	UTU-66484	UTU-69024
U-013818A	U-30096	UTU-66743	UTU-69166
U-013820	U-39221	UTU-67168	UTU-69482
U-013821A	U-39713	UTU-67841	UTU-72104
U-017713	U-39714	UTU-67857	UTU-73087
U-035316	U-40026	UTU-67996	UTU-73089
U-037164	U-47171	UTU-67997	UTU-73433
U-0141644	U-49092	UTU-68108	UTU-73512
U-0143519	U-50750	UTU-68109	UTU-74805
U-0143520A	U-51081	UTU-68316	UTU-74806
U-034217A	U-07978	UTU-72108	UTU-74872

Wells Draw Unit (UTU-72613A)
West Willow Creek Unit (UTU-73218X)
Pleasant Valley Unit (UTU-74477X)



The State of Texas

SECRETARY OF STATE CERTIFICATE OF MERGER

The undersigned, as Secretary of State of Texas, hereby certifies that the attached Articles of Merger of

DALEN CORPORATION
a Delaware no permit corporation
with
ENSERCH EXPLORATION, INC.
a Texas corporation

have been received in this office and are found to conform to law. ACCORDINGLY, the undersigned, as Secretary of State, and by virtue of the authority vested in the Secretary by law, hereby issues this Certificate of Merger.

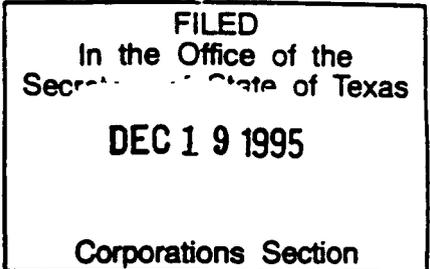
Dated December 19, 1995.

Effective December 31, 1995 04:55 PM



Antonio O. Garza, Jr.

Antonio O. Garza, Jr.
Secretary of State

ARTICLES OF MERGER OF**DALEN Corporation****INTO****Enserch Exploration, Inc.**

Pursuant to the provisions of Article 5.16 of the Texas Business Corporation Act, Enserch Exploration, Inc., a corporation organized under the laws of the State of Texas ("Parent Corporation"), and owning at least ninety percent of the shares of DALEN Corporation, a corporation organized under the laws of the State of Delaware ("Subsidiary Corporation"), hereby executes the following Articles of Merger:

1. The name of the Parent Corporation is Enserch Exploration, Inc. The name of the Subsidiary Corporation is DALEN Corporation. Enserch Exploration, Inc. is incorporated in Texas, and DALEN Corporation is incorporated in Delaware.

2. The following is a copy of resolutions of the Board of Directors of Enserch Exploration, Inc. or Parent Corporation ("Enserch") adopted on December 5, 1995:

"WHEREAS Section 5.16 of the Texas Business Corporation Act permits short-form mergers if the subsidiary is a foreign corporation and the parent is a Texas corporation, provided that this procedure is permitted by the laws of the foreign corporation's jurisdiction of incorporation and

"WHEREAS Section 253 of the General Corporation Law of Delaware provides for short-form mergers between a domestic subsidiary corporation and a foreign parent corporation,

"RESOLVED, That DALEN Corporation, a Delaware corporation ("DALEN"), which is a wholly-owned subsidiary of Enserch, merge with and into Enserch Exploration, Inc. pursuant to Section 5.16 of the Texas Business Corporation Act (the "Merger"), effective as of 4:55 P.M., Dallas, Texas time, on December 31, 1995, and that Enserch Exploration, Inc. assume all of the obligations of DALEN at such time; and

"FURTHER RESOLVED, That the proper officers of this Company are hereby authorized and empowered to file with the Secretary of State of the State of Texas Articles of Merger and with the Secretary of State of Delaware a Certificate of Ownership and Merger to effect the Merger of DALEN into this Company and to take, or cause to be taken, all such further action and to execute and deliver or cause to be executed and delivered, in the name of and on behalf of this Company, all such further instruments and documents as any such officer may deem to be necessary or advisable in order to effect the purpose and intent of the foregoing resolutions and to be in the best interests of this Company (as conclusively evidenced by the taking of such action or the execution and delivery of such instruments and documents, as the case may be, by or under the direction of any such officer)."

3. The number of outstanding shares of each class of the Subsidiary Corporation and the number of shares of each class owned by the surviving Parent Corporation is:

Company	Class	No. of Shares Outstanding	No. of Shares Owned by Parent Corporation
Subsidiary Corporation	Common	100	100

4. The laws of Delaware, the jurisdiction under which Subsidiary Corporation is organized, permit such a merger.

Dated this 12th day of December, 1995.

ENSERCH EXPLORATION, INC.

By: J. W. Pinkerton
 Name: J. W. Pinkerton
 Title: Vice President and Controller,
 Chief Accounting Officer



The State of Texas

SECRETARY OF STATE

I, ANTONIO O. GARZA, JR., Secretary of State of Texas, DO HEREBY CERTIFY that Articles of Merger of **ENSERCH EXPLORATION, INC.** (Charter No. 1323890-00), a **TEXAS** corporation, and **DALEN CORPORATION**, a **DELAWARE (No Permit)** corporation, were filed in this office on **DECEMBER 19, 1995**, for which a certificate of merger was issued; and that according to the terms of the merger the surviving corporation is **ENSERCH EXPLORATION, INC.**, a **TEXAS** corporation.



IN TESTIMONY WHEREOF, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in the City of Austin, on December 19, 1995.

Antonio O. Garza, Jr.
Secretary of State

MAC

Routing:	
1- DEC 7 1996	
2- DT 11-1-FILE	
3- VLD 11-3-FILE	
4- RIF	
5- LEC	
6- SJ	

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-1-96)

TO (new operator)	<u>ENSERCH EXPLORATION INC</u>	FROM (former operator)	<u>DALEN RESOURCES OIL & GAS</u>
(address)	<u>4849 GREENVILLE AVE STE 1200</u>	(address)	<u>6688 N CENTRAL EXP #1000</u>
	<u>DALLAS TX 75206</u>		<u>DALLAS TX 75206-3922</u>
	<u>CINDY KEISTER</u>		<u>CINDY KEISTER</u>
	phone <u>(214) 987-6353</u>		phone <u>(214) 987-6353</u>
	account no. <u>N4940 (1-29-96)</u>		account no. <u>N3300</u>

Well(s) (attach additional page if needed):

Name: ** SEE ATTACHED **	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 1-22-96)*
2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 1-22-96)*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: #171513. (ref. 1-4-95)
4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
5. Charges have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(2-12-96)*
6. Cardex file has been updated for each well listed above. *(2-12-96)*
7. Well file labels have been updated for each well listed above. *(2-12-96)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(2-12-96)*
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

UTAH WELLS
ENSERCH EXPLORATION, INC.

1/11/96

UNIT	WELL		LSE NO.	API NO.	QTR	SEC.	TWN	RANGE	COUNTY
**	Federal	21- 9H	U-50750	43-013-31458	NE NW	9	9S	17E	Duchesne
**	Federal	22- 9H	U-50750	43-013-31049	SE NW	9	9S	17E	Duchesne
**	Federal	23- 9H	U-50750	43-013-31206	NE SW	9	9S	17E	Duchesne
**	Federal	24- 9H	U-50750	43-013-30682	SE SW	9	9S	17E	Duchesne
**	Federal	33- 9H	U-61052	43-013-31108	NW SE	9	9S	17E	Duchesne
	Federal	19- 1	U-13905	43-013-30563	NW NW	19	9S	17E	Duchesne
	Govt. Fowler	20- 1	U-13905	43-013-30563	NW NW	20	9S	17E	Duchesne
	Federal	41- 30H	U-11385	43-013-30601	NE NE	30	9S	17E	Duchesne
	Federal	21- 15H	U-11385	43-013-30614	NE NW	15	9S	17E	Duchesne
***	Federal	3- 24B	UTU-68625	43-047-32671	NE NW	24	9S	19E	Uintah
***	Federal	5- 24B	UTU-68625	43-047-32447	SW NW	24	9S	19E	Uintah
***	Federal	11- 24B	UTU-68625	43-047-32223	NE SW	24	9S	19E	Uintah
***	Federal	13- 24B	UTU-68625	43-047-32418	SW SW	24	9S	19E	Uintah
***	Federal	15- 24B	UTU-68625	43-047-32420	SW SE	24	9S	19E	Uintah
***	Federal	3- 25B	UTU-	43-047-32417		25	9S	19E	Uintah
***	Federal	7- 25B	UTU-	43-047-30406		25	9S	19E	Uintah
***	Federal	1- 26B	UTU-68625	43-047-32248	NE NE	26	9S	19E	Uintah
***	Federal	13- 26B	UTU-68625	43-047-32237	SW SW	26	9S	19E	Uintah
	Federal	41- 29I	U-19267	43-047-32495	NE NE	29	9S	18E	Uintah
	Federal	33- 18J	U-16544	43-047-31200	NW SE	18	9S	19E	Uintah
	Federal	24- 34D	U-58546	43-047-31637	SE SW	34	8S	18E	Uintah
	State	2- 32B	ML-45172	43-047-32221	NW NE	32	9S	18E	Uintah
	State	5- 36B	ML-45173	43-047-32224	SW NW	36	9S	19E	Uintah
	State	9- 36A	ML-45171	43-047-32225	NE SE	36	9S	19E	Uintah
	State	9- 36B	ML-45173	43-047-32249	NE SE	36	9S	19E	Uintah
	State	31- 32D	ML-22058	43-047-32479	NW NE	32	8S	18E	Uintah
	State	1-16	ML-46694	43-013-15582	SWSW	16	9S	17E	Duchesne

30587

610

32500

SOW

- * Wells Draw Unit BLM Unit No. UTU72613A
- ** Pleasant Valley Unit BLM Unit No. UTU74477X
- *** West Willow Creek Unit BLM Unit No. UTU73218X

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Wildrose Resources Corporation

3. Address and Telephone No.

4949 South Albion St., Littleton, CO 80121 303-770-6566

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

SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 34, T8S, R18E

5. Lease Designation and Serial No.

U-58546

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Federal #24-34

9. API Well No.

10. Field and Pool, or Exploratory Area

Eight Mile Flat North

11. County or Parish, State

Uintah County, Utah

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

TYPE OF SUBMISSION

- Notice of Intent
 Subsequent Report
 Final Abandonment Notice

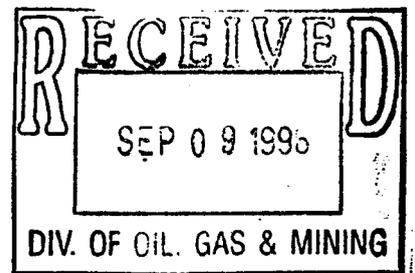
TYPE OF ACTION

- Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other Change of Operator
 Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

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

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

The Pariette Unit was approved effective September 1, 1996, with Wildrose Resources Corp. as Operator. Therefore, Wildrose has taken over as Operator from Enserch Exploration Co. of the captioned well.



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

Signed Kenneth J. Kattenbeck Title V.P.

Date Sept. 4, 1996

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

Form 9

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

5. Lease Designation and Serial Number U-58546
7. Indian Allottee or Tribe Name
8. Unit or Communitization Agreement
9. Well Name and Number Federal 24-34
10. API Well Number
11. Field and Pool, or Wildcat Eight Mile Flat North

SUNDAY NOTICES AND REPORTS ON WELLS

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)	
2. Name of Operator ENSERCH EXPLORATION, INC.	
3. Address of Operator 6 Decta Drive Suite 5250 Midland, TX 79705	4. Telephone Number 915-682-9756
5. Location of Well Footage : QQ, Sec. T., R. M. :SE1/4SW1/4 Section 34, T8S, R18E	
County : Utah State : UTAH	

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment	<input type="checkbox"/> Abandonment *
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Casing Repair
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Conversion to Injection
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Fracture Treat
<input type="checkbox"/> Multiple Completion	<input checked="" type="checkbox"/> Other Change operator of record
<input type="checkbox"/> Other _____	
<input type="checkbox"/> New Construction	<input type="checkbox"/> New Construction
<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Water Shut-Off	
Approximate Date Work Will Start _____	Date of Work Completion _____
	Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

As of 9/1/96 Wildrose Resources Corp will be the operator of The Pariette Uniton the above captioned well.

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

Name & Signature *Jim Lorthol* Title Engineering Tech II Date 9/11/96

(State Use Only)

ENSERCH EXPLORATION, INC.

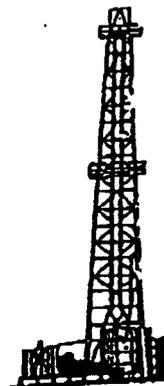
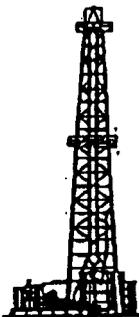
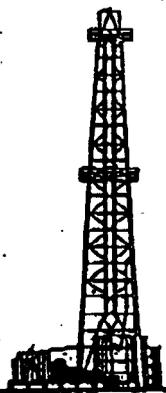
WEST TEXAS/ROCKY MOUNTAIN DISTRICT

TO: LISA

FROM: GARY

NUMBER OF PAGES INCLUDING COVER: 2

IF YOU HAVE ANY PROBLEMS PLEASE CALL 915-682-9766





United States Department of the Interior

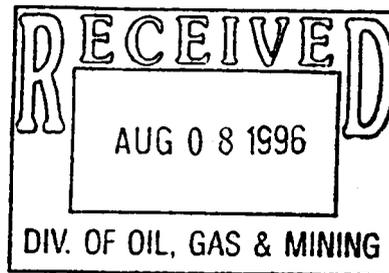
BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
UT-922

August 6, 1996

Wildrose Resources Corporation
c/o UnitSource Incorporated
11184 Huron Street, Suite 10
Denver, Colorado 80234



Gentlemen:

The Pariette (Green River) Secondary Recovery Unit Agreement, Uintah County, Utah, was approved August 6, 1996. This agreement has been designated No. UTU75526X, and is effective September 1, 1996. The unit area embraces 760.00 acres, more or less.

Pursuant to regulations issued and effective June 17, 1988, all operations within the Pariette (Green River) Secondary Recovery Unit will be covered by your statewide (Utah) oil and gas bond No. 0633.

The following leases embrace lands included within the unit area:

UTU-37812	*UTU-49430	UTU-53995
UTU-30688	*UTU-51081	UTU-58546
UTU-45031		

* Indicates lease to be considered for segregation by the Bureau of Land Management pursuant to Section 18 (g) of the unit agreement and Public Law 86-705.

All lands and interests by State of Utah, Cause No. 237-1 are fully committed.

Approval of this agreement does not warrant or certify that the operator thereof and other holders of operating rights hold legal or equitable title to those rights in the subject leases which are committed hereto.

We are of the opinion that the agreement is necessary and advisable in the public interest and for the purpose of more properly conserving natural resources. Enclosed is one copy of the approved unit agreement for your records. We request that you furnish the State of Utah and all other interested principals with appropriate evidence of this approval.

Sincerely,

/s/ Assad M. Raffoul

for Robert A. Henricks
Chief, Branch of Fluid Minerals

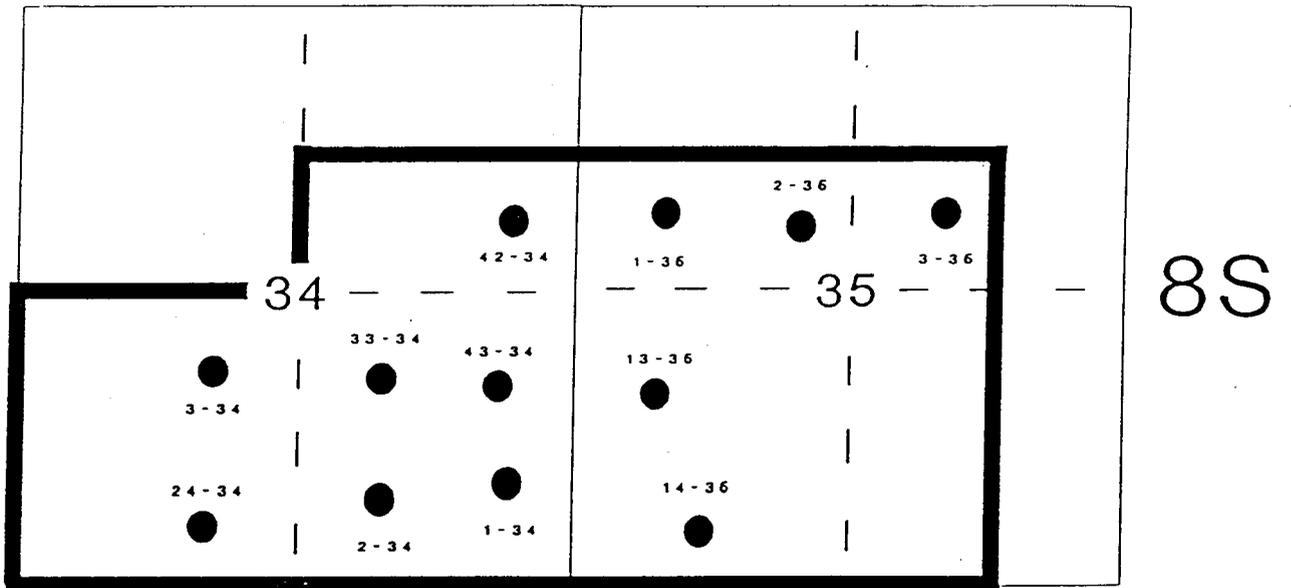
Enclosure

bcc: Mineral Adjudication Group w/enclosure
MMS - Data Management Division (Attn: Rose D.)
Trust Lands Administration
Sovereign Lands & Forestry
Division of Oil, Gas and Mining
District Manager - Vernal w/enclosure
File - Pariette (Green River) Unit w/enclosure
Agr. Sec. Chron
Fluid Chron

UT922:TAThompson:tt:08-06-96

PARIETTE (GREEN RIVER) UNIT

Uintah County, Utah



18E

UNIT OUTLINE (UTU75526X)

760.00 ACRES

OPERATOR CHANGE WORKSHEET

Routing	
1-LEC	6-VBG
2-GLH	7-KDR
3-DTS	8-SJ
4-VLD	9-FILE
5-RJF	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 9-1-96

TO: (new operator) <u>WILDROSE RESOURCES CORP.</u> (address) <u>4949 S ALBION ST</u> <u>LITTLETON CO 80121</u> <u>KARY KALTENBACHER</u> Phone: <u>(303)770-6566</u> Account no. <u>N9660</u>	FROM: (old operator) <u>ENSERCH EXPLORATION INC</u> (address) <u>4849 GREENVILLE AVE #1200</u> <u>DALLAS TX 75206</u> <u>DEBYE YADON</u> Phone: <u>(214)692-4440</u> Account no. <u>N4940</u>
--	---

WELL(S) attach additional page if needed: ***PARIETTE (GRRV) UNIT**

Name: <u>FEDERAL 24-34D/GRRV</u>	API: <u>43-047-31637</u>	Entity: <u>10525</u>	S	<u>34</u>	T	<u>8S</u>	R	<u>18E</u>	Lease: <u>U45031</u>
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- Yes 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Lec'd 9-11-96)*
- Yes 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Reg. 9-4-96) (Lec'd 9-9-96)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) _____ If yes, show company file number: _____
- Yes 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- Yes 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(9-10-96)*
- Yes 6. Cardex file has been updated for each well listed above. *(9-10-96)*
- Yes 7. Well file labels have been updated for each well listed above. *(9-10-96)*
- Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(9-10-96)*
- Yes 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Jec 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
** Op. req. orig. entity to stay the same; do not group together by unit.
(Individual tank & meter)*
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operator's bond files.
3. The FORMER operator has requested a release of liability from their bond (yes/no) , as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

1. Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.

FILMING

- KDR 1. All attachments to this form have been microfilmed. Today's date: Sept. 18, 1996

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

DEBYE YADON
 ENSERCH EXPLORATION INC
 4849 GREENVILLE AVE #1200
 DALLAS TX 75206

UTAH ACCOUNT NUMBER: N4940

REPORT PERIOD (MONTH/YEAR): 7 / 96

AMENDED REPORT (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
NGC 24-15H FEDERAL			GRRV					
4301330681	06150	09S 17E 15						
NGC 33-18J			GRRV					
4304731200	06155	09S 19E 18						
FEDERAL 32-29			GRRV					
4304731175	06170	09S 18E 29						
RBU 7-25B			GRRV					
4304730406	09040	09S 19E 25						
GOVERNMENT FOWLER 20-1			GRRV					
4301330563	09555	09S 17E 20						
FEDERAL 12-9-H			GRRV					
4301330983	09830	09S 17E 9						
FEDERAL 24-340†			GRRV			K-45031		
4304731637	10525	08S 18E 34						
FEDERAL 23-9-H			GRRV					
4301331206	10868	09S 17E 9						
FEDERAL 24-33-B			GRRV					
4301331214	10913	08S 16E 33						
FEDERAL 31-4-G			GRRV					
4301331228	10979	09S 16E 4						
FEDERAL 23-34-B			GRRV					
4301331241	11041	08S 16E 34						
FEDERAL 11-4-G			GRRV					
4301331250	11046	09S 16E 4						
FEDERAL 23-33-B			GRRV					
4301331251	11047	08S 16E 33						
TOTALS								

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____



WILDROSE RESOURCES CORPORATION

FAX TRANSMITTAL SHEET

DATE: 10/28/96

TO:

COMPANY: Utah Oil, Gas & Mining Div.

ATTN: Lisha

FAX #: 801-359-3940

FROM: WILDROSE RESOURCES CORPORATION

Kerry Kattenbecher

FAX # (303) 770-6568

PHONE # (303) 770-6566

NUMBER OF PAGES (Including Cover Sheet): 4

COMMENTS: 3 Entify Action Forms. covering
12 wells into Pariette unit

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

OPERATOR Wildrose Resources Corporation
ADDRESS 4949 South Albion Street
Littleton, CO 80121

OPERATOR ACCT. NO. 119660

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	APT NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					00	SC	TP	RG	COUNTY		
	00390	12021	4304731346	Fed. 1-34	SE/SE	34	8S	18E	Uintah		9/8/96
WELL 1 COMMENTS: Group w/ Parvettte GRRV Entity Entities dly'd 10-29-96. See											
	00391	12021	4304731347	Fed. 2-34	SW/SE	34	8S	18E	Uintah		9/1/96
WELL 2 COMMENTS: Group w/ Parvettte GRRV Entity											
	00392	12021	4304731497	Fed. 3-34	NE/SW	34	8S	18E	U.atah		9/1/96
WELL 3 COMMENTS: Group w/ Parvettte GRRV Entity											
	06052	12021	4304731410	Fed. 43-34D	NE/SE	34	8S	18E	U.atah		9/1/96
WELL 4 COMMENTS: Group w/ Parvettte GRRV Entity											
	06061	12021	4304731423	Fed. 14-35D	SW/SW	35	8S	18E	U.atah		9/1/96
WELL 5 COMMENTS: Group w/ Parvettte GRRV Entity											

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 COMMENTS section to explain why each Action Code was selected.

(3/89)

Kary Kettner
Signature
V. P. : 10/28/96
Title Date
Phone No. (303) 770-6566

FROM : Wildrose Resources Corporation PHONE NO. : 303 770 6566 Oct. 28 1996 10:26AM P3

STATE OF UTAH
 DEPARTMENT OF ENERGY, GAS AND MINING
 PERMIT APPLICATION FOR -- FORM 6

OPERATOR Wildrose Resources Corporation
 ADDRESS 4949 South Alton Street
Littleton, CO 80121

OPERATOR ACCT. NO. H 9660

ACTION CODE	CURRENT WELLS NO.	NEW WELLS NO.	API NUMBER	WELL NAME	WELL LOCATION			COUNTY	SPUD DATE	EFFECTIVE DATE
					W	E	TP			
	12021	06178	4304731529	Fed. 33-34D	NWSE	E7	8S	18E	Utah	9/1/96
WELL 1 COMMENTS: Group w/ Perlette SRRU Entity Entities d/d 10-29-96. Jee										
	12021	06181	4304731208	Fed 13-35 D	NWSE	E5	8S	18E	Utah	9/1/96
WELL 2 COMMENTS: Group w/ Perlette SRRU Entity										
	12021	06197	4304731458	Fed. 42-34D	SE/NW	E4	8S	18E	Utah	9/1/96
WELL 3 COMMENTS: Group w/ Perlette SRRU Entity										
	12021	09580	4304731454	Fed. 1-35	SE/NW	E5	8S	18E	Utah	9/1/96
WELL 4 COMMENTS: Group w/ Perlette SRRU Entity										
	12021	09640	4304731456	Fed. 3-35	SE/NW	E5	8S	18E	Utah	9/1/96
WELL 5 COMMENTS: Group w/ Perlette SRRU Entity										

ACTION CODES (See instructions on back of form)
 A - Existing well entity for new well - single well only
 B - Add new well to existing entity (group or well)
 C - Reassign well from one existing entity to another existing entity
 D - Reassign well from one existing entity to a new entity
 E - Other - explain in comments section

Use the EXPLAN section to explain why each Action Code was selected.

Kerry Keltner
 Signature
 V.P.
 Title
 Date 9/20/96
 Phone No. 303 770-6566

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

OPERATOR Wildrose Resources Corporation
 ADDRESS 4949 South Albion Street
Littleton, CO 80121

OPERATOR ACCT. NO. 11 9660

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
	12021	09715	4304731455	Fed. 2-35	SE/NW	35	8S	18E	Uintah		9/8/96
WELL 1 COMMENTS: Group w/ Parrette GRRU Entity Entities cly'd 10-29-96. See											
	12021	70525	4304731637	Fed. 24-34D	SE/SW	34	8S	18E	Uintah		9/1/96
WELL 2 COMMENTS: Group w/ Parrette GRRU Entity											
											9/1/96
WELL 3 COMMENTS: Group w/ Parrette GRRU Entity											
											9/1/96
WELL 4 COMMENTS: Group w/ Parrette GRRU Entity											
											9/1/96
WELL 5 COMMENTS: Group w/ Parrette GRRU Entity											

- 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)

Kang Ketterbeck
 Signature
 V. P. : 10/20/96
 Title : Date
 Phone No. 303.770.6566

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, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: See Attached Exhibit	
2. NAME OF OPERATOR: Inland Production Company		9. API NUMBER:
3. ADDRESS OF OPERATOR: 1401 17th St. #1000 CITY Denver STATE Co ZIP 80202	PHONE NUMBER: (303) 893-0102	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: _____ QTR/QTR, 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) Approximate date work will start: _____ <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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 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"/> 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.
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.

Attached is a list of wells included.

Previous Operator Signature: _____

Title: _____

NAME (PLEASE PRINT) Marc MacAluso

TITLE CEO, Wildrose Resources Corporation

SIGNATURE _____

DATE 4/15/04

(This space for State use only)

RECEIVED
MAY 06 2004

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, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: See Attached Exhibit	
2. NAME OF OPERATOR: Inland Production Company		9. API NUMBER:
3. ADDRESS OF OPERATOR: 1401 17th St. #1000 CITY Denver STATE Co ZIP 80202	PHONE NUMBER: (303) 893-0102	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY:		
QTR/QTR, 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) 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"/> 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.
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.

Attached is a list of wells included.

Current Contract Operator Signature:

Title:

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

(This space for State use only)

RECEIVED
MAY 06 2004

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 FEL	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
Y	4304731346	FEDERAL 1-34	WR	4870* GL	0966 FSL 0653 FEL	34	SESE	080S	180E	UTA	U-37812	WI
Y	4304731347	FEDERAL 2-34	WR	4864* GL	0831 FSL 1986 FEL	34	SWSE	080S	180E	UTA	U-37812	OW
Y	4304731410	FEDERAL 43-34-D	WR	4839* GR	1964 FSL 0848 FEL	34	NESE	080S	180E	UTA	U-45031	OW
Y	4304731458	FEDERAL 42-34D	WR	4834* GR	2019 FNL 0650 FEL	34	SENE	080S	180E	UTA	U-51081	OW
Y	4304731497	FEDERAL 3-34	WR	4856* GR	1945 FSL 1849 FWL	34	NESW	080S	180E	UTA	U-37812	OW
Y	4304731529	FEDERAL 33-34-D	WR	4854* GR	1904 FSL 2025 FEL	34	NWSE	080S	180E	UTA	U-30688	WI
Y	4304731637	FEDERAL 24-34D	WR	4888* KB	0619 FSL 1880 FWL	34	SESW	080S	180E	UTA	U-45031	OW
Y	4304731208	FEDERAL 13-35D	WR	4851* GR	1794 FSL 0552 FWL	35	NWSW	080S	180E	UTA	U-49430	WI
Y	4304731423	FEDERAL 14-35-D	WR	4809* GR	0369 FSL 1085 FWL	35	SWSW	080S	180E	UTA	U-49430	OW
Y	4304731454	FEDERAL 1-35	WR	4833* GR	1832 FNL 1111 FWL	35	SWNW	080S	180E	UTA	U-53995	OW
Y	4304731455	FEDERAL 2-35	WR	4833* GR	2136 FNL 2136 FWL	35	SENW	080S	180E	UTA	U-53995	WI
Y	4304731456	FEDERAL 3-35	WR	4860* GR	1972 FNL 1892 FEL	35	SWNE	080S	180E	UTA	U-53995	OW

END OF EXHIBIT

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: applied for

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: 5/10/2004

DATA ENTRY:

- 1. Changes entered in the **Oil and Gas Database** on: 5/18/2004
- 2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/18/2004
- 3. Bond information entered in RBDMS on: n/a
- 4. Fee wells attached to bond in RBDMS on: n/a
- 5. Injection Projects to new operator in RBDMS on: 5/18/2004
- 6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

STATE WELL(S) BOND VERIFICATION:

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

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 n/a
- 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:



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

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		



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

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
1595 WYNKOOP STREET
DENVER, CO 80202-1129
<http://www.epa.gov/region8>

DEC 29 2009

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Eric Sundberg
Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

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

RECEIVED
JAN 06 2010
DIV. OF OIL, GAS & MINING

Re: Final Permit
EPA UIC Permit UT22152-08473
Federal 24-34D-8-18
SE SW Sec. 34-T8S-R18E
Uintah County, Utah
API No.: 43-047-31367
31637

Dear Mr. Sundberg:

Enclosed is your copy of the FINAL Underground Injection Control (UIC) Permit for the proposed Federal 24-34D-8-18 injection well. A Statement of Basis that discusses the conditions and requirements of this EPA UIC Permit, is also included.

DEC 18 2009

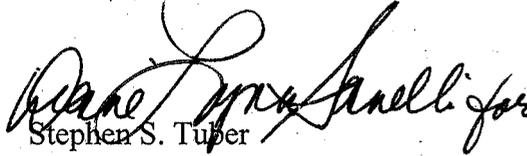
The Public Comment period for this Permit ended on _____ No comments on the Draft Permit were received during the Public Notice period; therefore the Effective Date for this EPA UIC Permit is the date of issuance. All conditions set forth herein refer to Title 40 Parts 124, 144, 146, and 147 of the Code of Federal Regulations (CFR) and are regulations that are in effect as of the Effective Date of this Permit.

Please note that under the terms and conditions of this Final Permit you are authorized only to construct the proposed injection well. Prior to commencing injection, you first must fulfill all "Prior to Commencing Injection" requirements of the Final Permit, Part II Section C.1, and obtain written Authorization to Inject from the EPA. It is your responsibility to be familiar with and to comply with all provisions of your Final Permit. The EPA forms referenced in the permit are available at <http://www.epa.gov/safewater/uic/reportingforms.html>. Guidance documents for Cement Bond Logging, Radioactive Tracer testing, Step Rate testing, Mechanical Integrity demonstration, Procedure in the Event of a Mechanical Integrity Loss, and other UIC guidances, are available at http://www.epa.gov/region8/water/uic/deep_injection.html. Upon request, hard copies of the EPA forms and guidances can be provided.

This EPA UIC Permit is issued for the operating life of the well unless terminated (Part III, Section B). The EPA may review this Permit at least every five (5) years to determine whether any action is warranted pursuant to 40 CFR § 144.36(a).

If you have any questions on the enclosed Final Permit or Statement of Basis, please call Emmett Schmitz of my staff at (303) 312-6174, or toll-free at (800) 227-8917, ext. 312-6174.

Sincerely,



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

enclosure: Final UIC Permit
Statement of Basis

cc: Letter:

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

Daniel Picard, Superintendent
Uintah & Ouray Indian Agency
U.S. Bureau of Indian Affairs

cc: all enclosures:

Michael Guinn
District Manager
Newfield Production Company
Myton, Utah



Larry Love
Director
Energy & Minerals Dept.
Ute Indian Tribe

Ferron Secakuku
Director, Natural Resources
Ute Indian Tribe

Gilbert Hunt
Associate Director
State of Utah - Natural Resources

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





**UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT**

PREPARED: December 2009

Permit No. UT22152-08473

Class II Enhanced Oil Recovery Injection Well

**Federal 24-34D-8-18
Uintah County, UT**

Issued To

Newfield Production Co.

1001 Seventeenth Street, Suite 2000

Denver, CO 80202

Part I. AUTHORIZATION TO CONSTRUCT AND OPERATE

Under the authority of the Safe Drinking Water Act and Underground Injection Control (UIC) Program regulations of the U. S. Environmental Protection Agency (EPA) codified at Title 40 of the Code of Federal Regulations (40 CFR) Parts 2, 124, 144, 146, and 147, and according to the terms of this Permit,

Newfield Production Co.
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

is authorized to construct and to operate the following Class II injection well or wells:

Federal 24-34D-8-18
619' FSL & 1880' FWL, SESW S34, T8S, R18E
Uintah County, UT

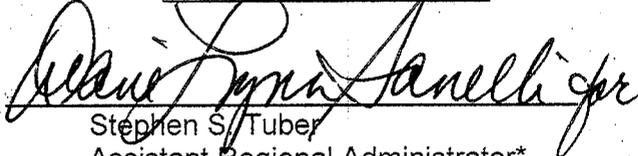
EPA regulates the injection of fluids into injection wells so that injection does not endanger underground sources of drinking water (USDWs). EPA UIC Permit conditions are based on authorities set forth at 40 CFR Parts 144 and 146, and address potential impacts to USDWs.

Under 40 CFR Part 144, Subpart D, certain conditions apply to all UIC Permits and may be incorporated either expressly or by reference. General permit conditions for which the content is mandatory and not subject to site-specific differences are not discussed in this document. Issuance of this Permit does not convey any property rights of any sort or any exclusive privilege, nor does it authorize injury to persons or property or invasion of other private rights, or any infringement of other Federal, State or local laws or regulations. (40 CFR §144.35) An EPA UIC Permit may be 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, and may be reviewed at least once every five (5) years to determine if action is required under 40 CFR §144.36(a).

This Permit is issued for the life of the well(s) unless modified, revoked and reissued, or terminated under 40 CFR §144.39 or 144.40. This EPA Permit may be adopted, modified, revoked and reissued, or terminated if primary enforcement authority for a UIC Program is delegated to an Indian Tribe or State. Upon the effective date of delegation, reports, notifications, questions and other correspondence should be directed to the Indian Tribe or State Director.

Issue Date: DEC 29 2009

Effective Date DEC 29 2009



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

*NOTE: The person holding this title is referred to as the "Director" throughout this Permit.

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 (MAIP) 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.

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 isolates the injection zone and prevents the movement of fluids into or between underground sources of drinking water, and in accordance with 40 CFR 146.10 and other applicable Federal, State or local law or regulations. 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. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. 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.

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 any other Federal, 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

See diagram.

Federal 24-34D-8-18 was drilled to a total depth of 6,150 feet (KB) feet in the Wasatch Formation. Plug back total depth is 5223 feet in the Douglas Creek Member.

Surface casing (8-5/8 inch) was set at a depth of 300 feet in a 12-1/4 inch hole using 200 sacks of cement which was circulated to the surface.

Production casing (5-1/2 inch) was set at a depth of 5,278 feet (KB) in a 7-7/8 inch hole with 620 sacks of Premium Lite II cement. There is no existing Cement Bond Log to evaluate adequate cement bond across the Confining Zone.

The schematic diagram shows one enhanced recovery injection perforation in the Douglas Creek Member of the Green River Formation. Additional perforations may be added at a later time between the depths of 3,863 feet and the top of the Wasatch Formation (6,097 feet) provided the operator first notifies the Director and later submits an updated well completion report (EPA Form 7520-12) and schematic diagram.

EPA estimates top of cement 2,132 feet.

The packer will be set no higher than 100 feet above the top perforation.

UT 22152-08473

Federal 24-34D-8-18

Spud Date: 6/26/85
Put on Production: 7/16/85
GL: 4876' KB: 4888'

Initial Production: 360 BOPD,
150 MCFD, 25 BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24.0#
LENGTH: 7 jts.
DEPTH LANDED: 300' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 200 sacks class "G"

Base U50W's

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55 *Green River*
WEIGHT: 15.5#
LENGTH: *TOC/BAA*
DEPTH LANDED: 5278'
HOLE SIZE: 7-7/8"
CEMENT DATA: 620 sxs Prem. Lite II
CEMENT TOP AT: Surface

NO CBL AVAILABLE

TOC @ Surface

331'

1495'

2132'

300'

FRAC JOB

Date	Interval	Description
9/22/84	5094'-5112'	Frac zones as follows: 45,000# 20/40 & 19,000# 12/20 sand in 12,300 gal wtr.
1/7/97		Hole in Tubing.
3/31/98		Hole in Tubing.
4/4/98		Hole in Tubing.
9/14/99		Hole in Tubing.
2/7/00		Hole in Tubing.
3/15/01		Pump Change.
6/11/02		Hole in Tubing.
12/7/03		Hole in Tubing.
9/9/03		Hole in Tubing.
9/16/03		Hole in Tubing.
6/15/04		Tubing Leak. Update tubing details.

3022'-3060' Trona
3060'-3078' Mabogany Beach
3674'-3863' Confrains Zone
3863' Garden Arch

4792' Douglas Creek

PERFORATION RECORD

5094'-5112' 2 JSFP 36 holes

Packer @ 5059'
5094'-5112'

PBTD @ 5233'
TD @ 6150'

5972' Basal Carbonate
Est. Wabash 6097

NEWFIELD



Federal 24-34D-8-18
619' FSL & 1880' FWL
SE/SW Section 34-T8S-R18E
Uintah Co, Utah
API #43-047-31637; Lease #UTU-58546

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: Federal 24-34D-8-18	
TYPE OF LOG	DATE DUE
CBL/VDL/GAMMA RAY	Prior to receiving authorization to inject.

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: Federal 24-34D-8-18	
TYPE OF TEST	DATE DUE
Radioactive Tracer Survey (2)	Run within a 180-day limited authorization to inject period if the CBL fails to establish required 80% cement bond within the Confining Zone. If the RTS is not run or the RTS does not confirm injectate confinement an approved Part II MI shall be run.
Pore Pressure	Prior to receiving authorization to inject.
Standard Annulus Pressure	Prior to receiving authorization to inject and at least once within any five (5) year period following the last successful test.

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)
Federal 24-34D-8-18	1,270

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: Federal 24-34D-8-18	APPROVED INJECTION INTERVAL (KB, ft)		FRACTURE GRADIENT (psi/ft)
	TOP	BOTTOM	
FORMATION NAME			
Green River	3,863.00	6,097.00	0.700

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:

There is no limitation on the number of barrels per day (bbls/day) of water that shall be injected into this well, provided further that in no case shall injection pressure exceed that limit shown in Appendix C.

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 minimum annulus pressure(s) (psig)
	Each month's injected volume (bbl)
	Fluid volume injected since the well began injecting (bbl)
	Written results of annual injected fluid analysis
	Sources of all fluids injected during the year

In addition to these items, additional Logging and Testing results may be required periodically. For a list of those items and their due dates, please refer to **APPENDIX B - LOGGING AND TESTING REQUIREMENTS**.

APPENDIX E

PLUGGING AND ABANDONMENT REQUIREMENTS

See diagram.

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

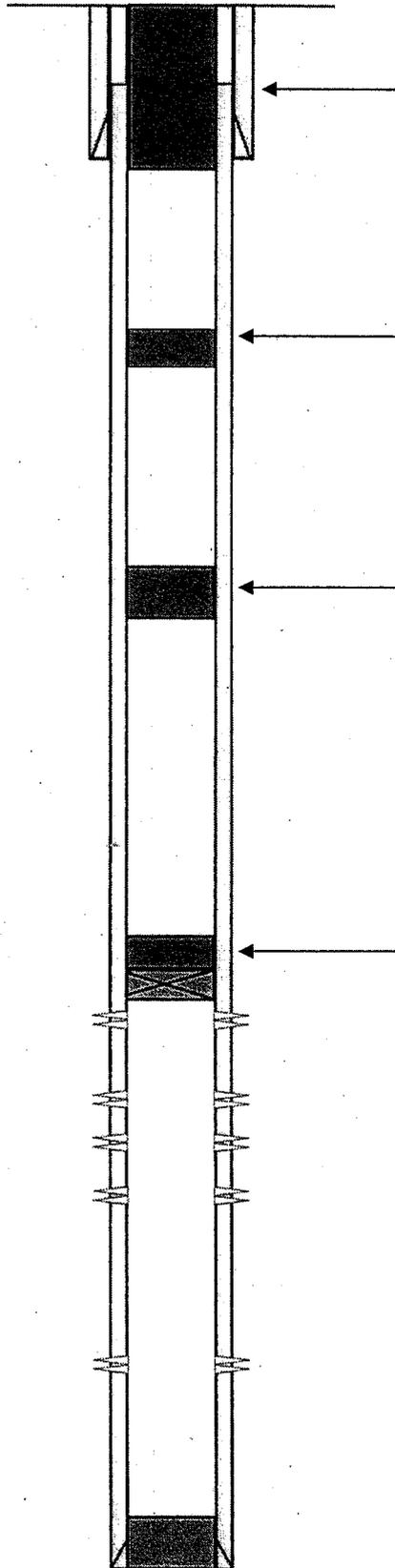
PLUG NO. 1: Seal Injection Zone: Set a cast iron bridge plug (CIBP) no more than fifty (50) feet above the top injection perforation. Place at least twenty (20) feet of cement plug on top of the CIBP.

PLUG NO. 2: Seal Mahogany Shale and Trona intervals: Squeeze a cement plug on the backside of the 5-1/2 inch casing across the Trona Zone and the Mahogany Shale approximately 2,975 feet to 3,125 feet (unless pre-existing backside cement precludes cement-squeezing this interval) followed by a minimum 150-foot balanced cement plug inside the 5-1/2 inch casing across the Trona Zone and the Mahogany Shale, approximately 2,975 feet to 3,125 feet.

PLUG NO. 3: Seal USDWs: Squeeze a cement plug (1,435 feet - 1,555 feet) on the backside of the 5-1/2 inch casing across the base of the Uinta formation (unless pre-existing backside cement precludes cement-squeezing this interval), followed by a minimum 120-foot (1,435 feet - 1,555 feet) balanced cement plug.

PLUG NO.4: Seal Surface: Set a Class "G" cement plug within the 5-1/2 inch casing to 380 feet and up the 5-1/2 inch by 8-5/8 inch casings annulus to the surface.

Plugging and Abandonment Diagram for Federal No. 24-34D-8-18



Plug 4: Set a Class "G" cement plug within the 5-1/2 inch casing surface to 380 feet and up the 5-1/2 inch X 8-5/8 inch casing annulus to the surface.

Plug 3: Perforate and squeeze cement up the backside of the casing across the contact between the Uinta Formation and Green River Formation 1,435 feet – 1,555 feet (KB) unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 120-foot cement plug inside the casing from approximately 1,435 feet – 1,555 feet.

Plug 2: Perforate and squeeze cement up the backside of the casing across the Trona Zone and the Mahogany Bench from approximately 2,975 feet – 3,125 feet (KB) unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 150-foot balanced cement plug inside the casing from approximately 2,975 feet – 3,125 feet.

Plug 1: Set a cast iron bridge plug (CIBP) no more than 50 ft above the top perforation with a minimum of 20 ft cement plug on top of the CIBP.

APPENDIX F

CORRECTIVE ACTION REQUIREMENTS

Federal No. 3-34-8-18 shall be monitored weekly at the surface for evidence of fluid movement out of the injection zone.

In addition, Newfield developed a corrective action monitoring program, effective July 10, 2008, entitled "Procedure related to proposed Class II Enhanced Oil Recovery Injection Wells determined by the EPA to have specific Area of Review (AOR) wells with inadequate cement across the Confining Zone".

If possible fluid movement out of the injection zone is identified, either through the weekly monitoring, through Newfield's July 10, 2008 procedure described above, or through any other means (for example, evidence of fluid flow or increased bradenhead annulus pressure readings, tubing-casing annulus pressure readings, or other evidence of a mechanical integrity failure), the Permittee will shut in the Federal No. 24-34D-8-18 immediately and notify the Director. No injection into the Federal No. 24-34D-8-18 will be permitted until the Permittee has notified the Director that the situation has been resolved, submitted Rework Records (EPA Form No. 7520-12) and a schematic diagram, and received authorization from the Director to re-commence injection.

NEWFIELD



ROCKY MOUNTAINS

RE: Procedure related to proposed Class II Enhanced Oil Recovery Injection Wells determined by the EPA to have specific Area of Review (AOR) wells with inadequate cement across the confining zone

Effective July 10, 2008 Newfield Production Company will implement the following procedure to address concerns related to protection of Underground Sources of Drinking Water (USDW) in AOR wells where the interval of cement bond index across the confining zone behind pipe has been determined to be inadequate. The procedure is intended to meet the corrective action requirements found in the UIC Class II permit, as well as provide data that could be used to detect and prevent fluid movement out of the proposed injection zone.

- 1) Establish baseline production casing by surface casing annulus pressures prior to water injection in subject well with a calibrated gauge.
- 2) Record the baseline pressure, report findings to Newfield engineering group and keep on file so it is available upon request
- 3) Place injection well in service. Run packer integrity and radioactive tracer logs to verify wellbore integrity and determine zones taking water.
- 4) Construct a geologic cross section showing zones taking water and their geologic equivalent zones in the AOR wells.
- 5) Submit a report of the packer integrity log, radioactive tracer log, and geologic cross section to the Newfield engineering staff for review and keep on file so it is available upon request
- 6) Weekly observations of the site will be made by Newfield during normal well operating activities. Any surface discharge of fluids will be reported immediately.
- 7) After injection well is placed in service, weekly observations of annulus pressure will be made and compared to baseline pressure and will be recorded once monthly. The recorded pressure information will be kept on file and be available upon request.
- 8) If pressure increases by more than 10% above baseline at any time in an AOR well with insufficient cement bond, Newfield will run a temperature survey log in subject well. This log, in concert with the geologic cross section, will enable the determination of water movement in the open hole by production casing annulus through a shift in geothermal gradient.
- 9) If water movement is determined in annulus, Newfield will shut in the injection well and repair the production casing by open hole annulus or leave the injection well out of service.

STATEMENT OF BASIS

NEWFIELD PRODUCTION CO.

FEDERAL 24-34D-8-18

UINTAH COUNTY, UT

EPA PERMIT NO. UT22152-08473

CONTACT: Emmett Schmitz
U. S. Environmental Protection Agency
Ground Water Program, 8P-W-GW
1595 Wynkoop Street
Denver, Colorado 80202-1129
Telephone: 1-800-227-8917 ext. 312-6174

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.

EPA UIC permits regulate the injection of fluids into underground injection wells so that the injection does not endanger underground sources of drinking water. EPA UIC permit conditions are based upon the authorities set forth in regulatory provisions at 40 CFR Parts 144 and 146, and address potential impacts to underground sources of drinking water. Under 40 CFR 144.35 Issuance of this permit does not convey any property rights of any sort or any exclusive privilege, nor authorize injury to persons or property of invasion of other private rights, or any infringement of other Federal, State or local laws or regulations. 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 the content is mandatory and not subject to site-specific differences (40 CFR Parts 144, 146 and 147) are not discussed in this document.

PART I. General Information and Description of Facility

Newfield Production Co.
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

on

July 14, 2009

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

Federal 24-34D-8-18
619' FSL & 1880' FWL, SESW S34, T8S, R18E
Uintah County, UT

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

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.

Federal No. 24-34D-8-18 is currently an active Green River Formation Douglas Creek Member oil well. It is the initial intent of the applicant to use current production perforations for Class II enhanced recovery injection. Federal No. 24-34D-8-18 has total depth (TD) in the Wasatch Formation with plug total depth in the Douglas Creek Member.

TABLE 1.1		
WELL STATUS / DATE OF OPERATION		
NEW WELLS		
Well Name	Well Status	Date of Operation
Federal 24-34D-8-18	New	N/A

Hydrogeologic Setting

Water wells for domestic supply in this area, when present, generally are completed into the shallow alluvium, the Duchesne River Formation, or the underlying Uinta 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 enhanced oil recovery injection well is located in the Greater Monument Butte Field, T7-9S and R15-19E, which lies near the center of the broad, gently northward dipping south flank of the Uinta Basin. More than 450 million barrels of oil (63 MT) have been produced from sediments of the Uinta Basin. The Uinta Basin is a topographic and structural trough encompassing an area of more than 9,300 square mi (14,900 km) in northeast Utah. The basin is sharply asymmetrical, with a steep north flank bounded by the east-west-trending Uinta Mountains, and a gently dipping south flank. The Uinta Basin was formed in Paleocene to Eocene time, creating a large area of internal drainage which was filled by the ancestral Lake Uinta. The lacustrine, or fresh water lake-formed, sediments deposited in and around Lake Uinta make up the Uintah and Green River Formations. The southern shore of Lake Uinta was very broad and flat, resulting in large cyclic shifts of the location of the shoreline during the many repeated transgressive and regressive cycles caused by the climatic and tectonic-induced rise and fall of water levels of the lake. Distributary-mouth bars, distributary channels, and near-shore bars are the primary oil 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 Duchesne River Formation is absent in this area. Shale and siltstone of the Uintah Formation outcrop and compose the surface rock throughout the area. The lower 600 feet to 800 feet of the Uinta Formation, consisting generally of shale interbedded with occasionally water-bearing sandstone lenses between 5 feet to 20 feet thick, is underlain by the Green River Formation. The

Green River Formation is further subdivided into several Member and local marker units. The cyclic nature of Green River deposition in the southern shore area resulted in numerous stacked, intertonguing deltaic and near-shore sand and silt deposits. Red alluvial shale and siltstone deposits that intertongue with the Green River sediments are of the Colton and Wasatch Formations. Under the Wasatch Formation is the Mesaverde Formation, which consists primarily of continental-origin deposits of interbedded shale, sandstone, and coal.

The geologic dip is about 200 feet per mile, and there are no known surface faults in this area. Veins of gilsonite, a natural resinous hydrocarbon occasionally mined as a resource, occurs in the greater Uintah Basin though it is predominantly found on the eastern margin of the basin near the Colorado border. Vertical veins, generally between 2 feet to 6 feet wide but up to 28 feet wide, may extend many miles in length and occasionally extend as deep as 2,000 feet. In this area within the Greater Monument Butte Field there is one known gilsonite vein. This vein is not considered to present a pathway for migration of fluid out of the injection zone because it terminates at depth of about 2,000 ft, far above the protective confining layer and much deeper injection zone.

TABLE 2.1
GEOLOGIC SETTING
Federal 24-34D-8-18

Formation Name	Top (ft)	Base (ft)	TDS (mg/l)	Lithology
Uinta	0	331	< 10,000	Sand and shale.
Uinta	331	1,495		Interbedded lacustrine carbonate, sand and shale with some fluvial sand and shale.
Green River	1,495	6,097		Interbedded lacustrine carbonate, sand and shale with some fluvial sand and shale.
Green River: Trona	3,022	3,060		Evaporite
Green River: Mahogany Bench	3,060	3,078		Shale
Green River: Confining Zone	3,674	3,863		Shale
Green River: Garden Gulch Member	3,863	4,792		Interbedded lacustrine carbonate, sand and shale, and some fluvial sand and shale.
Green River: Douglas Creek Member	4,792	5,972	69,457	Interbedded lacustrine carbonate, sand and shale with some fluvial sand and shale.
Green River: Basal Carbonate Member.	5,971	6,097		Carbonate.

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 EPA approved interval for Class II enhanced recovery injection is located between the top of

the Garden Gulch Member (3,863 feet) and the top of the Wasatch Formation estimated to be 6,097 feet.

**TABLE 2.2
INJECTION ZONES
Federal 24-34D-8-18**

Formation Name	Top (ft)	Base (ft)	TDS (mg/l)	Fracture Gradient (psi/ft)	Porosity	Exempted?*
Green River	3,863	6,097	69,457	0.700		N/A

* 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 189-foot (3,674 feet - 3,863 feet) shale Confining Zone directly overlies the Garden Gulch Member.

**TABLE 2.3
CONFINING ZONES
Federal 24-34D-8-18**

Formation Name	Formation Lithology	Top (ft)	Base (ft)
Green River	Shale.	3,674	3,863

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.

Throughout the Greater Monument Butte Field area undergoing enhanced oil recovery operations, water analyses of the Green River Formation generally exhibit total dissolved solids (TDS) content well in excess of 10,000 mg/l. However, some recent water analyses from the field showed lower TDS values closer to 10,000 mg/l. While rain and surface water recharge into Green River Formation outcrops further south along the Book Cliffs/Roan Cliffs in effect "freshens" the Green River Formation water near those outcrops, in this area of the Monument Butte Field the observed occasional 'freshening' is ascribed to the effective dilution of the originally in-place high TDS water from injection of relatively fresh water for enhanced oil recovery operations. Water samples from deeper Mesaverde Formation sands in the nearby Natural Buttes Unit yield highly saline water.

The State of Utah "Water Wells and Springs" identifies no public water supply wells within the one-quarter (1/4) mile Area-of-Review (AOR) around the Federal No. 24-34D-8-18.

Technical Publication No. 92: State of Utah, Department of Natural Resources, cites the base of Underground Sources of Drinking Water (USDW) in the Uinta Formation occur approximately 331 feet from the surface. However, absent definitive information relative to the water quality of the Uinta Formation, from the depth of 331 feet to the base of the Uinta Formation (1,495 feet), the EPA will require, during plugging and abandonment, a cement plug at the base of the Uinta Formation to protect contamination of possible Uinta USDWs.

TABLE 2.4
UNDERGROUND SOURCES OF DRINKING WATER (USDW)
Federal 24-34D-8-18

Formation Name	Formation Lithology	Top (ft)	Base (ft)	TDS (mg/l)
Unta	Sand and shale.	0	331	< 10,000
Uinta	Interbedded lacustrine carbonate, sand and shale with some fluvial sand and shale.	331	1,495	

PART III. Well Construction (40 CFR 146.22)

Federal 24-34D-8-18 was drilled to a total depth of 6,150 feet (KB) feet in the Wasatch Formation. Plug back total depth is 5223 feet in the Douglas Creek Member.

Surface casing (8-5/8 inch) was set at a depth of 300 feet in a 12-1/4 inch hole using 200 sacks of cement which was circulated to the surface.

Production casing (5-1/2 inch) was set at a depth of 5,278 feet (KB) in a 7-7/8 inch hole with 620 sacks of Premium Lite II cement. There is no existing Cement Bond Log to evaluate adequate cement bond across the Confining Zone.

The schematic diagram shows one enhanced recovery injection perforation in the Douglas Creek Member of the Green River Formation. Additional perforations may be added at a later time between the depths of 3,863 feet and the top of the Wasatch Formation (6,097 feet) provided the operator first notifies the Director and later submits an updated well completion report (EPA Form 7520-12) and schematic diagram.

EPA estimates top of cement 2,132 feet.

The packer will be set no higher than 100 feet above the top perforation.

TABLE 3.1
WELL CONSTRUCTION REQUIREMENTS
Federal 24-34D-8-18

Casing Type	Hole Size (in)	Casing Size (in)	Cased Interval (ft)	Cemented Interval (ft)
Production	7.88	5.50	0 - 5,278	0 - 6,150
Surface	12.25	8.63	0 - 300	0 - 300

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.

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.

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.

The tubing/casing annulus must be kept closed a all times so it can be monitored as required under conditions of the Permit.

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)
Federal No. 3-34-8-18	Producer	No	6,204	2,150	Yes

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.

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
Federal 24-34D-8-18

Formation Name	Depth Used to Calculate MAIP (ft)	Fracture Gradient (psi/ft)	Initial MAIP (psi)
Green River	5,094	0.700	1,270

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 and drum rinsate from trucks and drums transporting or containing non-exempt waste, is prohibited.

The proposed injectate will be a blend of water from the Johnson Water District pipeline and/or water from the Green River pipeline, and produced water from Green River Formation wells proximate to the Federal No. 24-34D-8-18.

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 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 will be no restrictions on the cumulative volume or daily volume of authorized Class II fluid to be injected into the approved Green River Formation interval. The Permittee shall not exceed the maximum authorized surface injection pressure.

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.

Well construction and site-specific conditions dictate the following requirements for mechanical integrity (MI) demonstrations:

PART I MI: Internal MI will be demonstrated prior to beginning injection. Since this well is constructed with a standard casing, tubing, and packer configuration, a successful mechanical integrity test (MIT) is required to take place at least once every five (5) years. A 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 a ten (10) percent or less pressure loss over thirty (30) minutes.

PART II MI: No Cement Bond Log (CBL) exists from which to analyze Confining Zone cement. A CBL is required prior to receiving authorization to inject. If the CBL does not demonstrate the presence of requisite Confining Zone annulus cement, the Permittee shall be authorized a 180-day limited authorization injection period in which to run a Radioactive Tracer Survey (RTS). If the RTS is not run, or if the RTS does not confirm "zonal confinement", the Permittee shall demonstrate Part II MI pursuant to 40 CFR §146.8(a)(2) using an approved test method such as a Temperature Log, Noise Log, or Oxygen Activation Log. This demonstration of Part II MI shall be repeated no less than every five (5) years after the last successful Part II test.

PART VI. Monitoring, Recordkeeping and Reporting Requirements

Injection Well Monitoring Program

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, annulus pressure, monthly injection flow rate and cumulative fluid

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

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

PLUG NO. 2: Seal Mahogany Shale and Trona intervals: Squeeze a cement plug on the backside of the 5-1/2 inch casing across the Trona Zone and the Mahogany Shale approximately 2,975 feet to 3,125 feet (unless pre-existing backside cement precludes cement-squeezing this interval) followed by a minimum 150-foot balanced cement plug inside the 5-1/2 inch casing across the Trona Zone and the Mahogany Shale, approximately 2,975 feet to 3,125 feet.

PLUG NO. 3: Seal USDWs: Squeeze a cement plug (1,435 feet - 1,555 feet) on the backside of the 5-1/2 inch casing across the base of the Uinta formation (unless pre-existing backside cement precludes cement-squeezing this interval), followed by a minimum 120-foot (1,435 feet - 1,555 feet) balanced cement plug.

PLUG NO.4: Seal Surface: Set a Class "G" cement plug within the 5-1/2 inch casing to 380 feet and up the 5-1/2 inch by 8-5/8 inch casings annulus 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:

On July 24, 2009 the EPA approved a demonstration of Financial Responsibility in the amount of \$59,344.

The Director may revise the amount required, and may require the Permittee to obtain and provide updated estimates of plugging and abandonment costs according to the approved Plugging and Abandonment Plan.

Financial Statement, received May 16, 2008

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

1. U.S. FORM 1000-4 (November 1983) (Formerly 9-339)

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

WELL DESIGNATION AND SERIAL NO. 458546

IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

WELL NO. 24-34

FIELD AND POOL, OR WILDCAT

SECTION, TWP. OR BLOCK AND SURVEY

PARISH OR STATE

PERMIT NO. DATE ISSUED 43-047-31637 6-4-85

13. COUNTY OR PARISH LINCOLN

15. DATE STUDDED 12-6-85

17. DATE COMPL. (Ready to prod.) 1-21-1986

19. ELEVATION (DP, RND, RT, GR, ETC.) 4876' G.L.

21. DATE CASING HEAD 12-18-85

23. TOTAL DEPTH, MD & TVD 6150 MD

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

27. IF MULTIPLE COMPL. HOW MANY 1

29. INTERVALS DRILLED BY ROTARY TOOLS RETARY

31. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 5094'-5112' MD G.P.

33. WAS DIRECTIONAL SURVEY MADE YES

35. TYPE ELECTRIC AND OTHER LOGS RUN DUAL LATERAL LOG, DENSITY NEUTRON LOG, C.R.L.

37. WAS WELL CORDED NO

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL: OIL WELL [X] GAS WELL [] DEV [] (Other)

2. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [] DRILL-OUT [] PILE-UP [] DIFF. ENV. [] Other

3. NAME OF OPERATOR: STARFIGHTER PETS INC. NATURAL GAS CORPORATION

4. ADDRESS OF OPERATOR: P.O. Box 775 DUCHESNE UTAH 84021

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements): At surface 1580' FWL & 619' FSL, SE/SW

6. At top prod. interval reported below SAME

7. At total depth SAME

8. DATE STUDDED 12-6-85

9. DATE T.D. REACHED 12-18-85

10. DATE COMPL. (Ready to prod.) 1-21-1986

11. ELEVATION (DP, RND, RT, GR, ETC.) 4876' G.L.

12. DATE CASING HEAD 12-18-85

13. TOTAL DEPTH, MD & TVD 6150 MD

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

15. IF MULTIPLE COMPL. HOW MANY 1

16. INTERVALS DRILLED BY ROTARY TOOLS RETARY

17. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 5094'-5112' MD G.P.

18. WAS DIRECTIONAL SURVEY MADE YES

19. TYPE ELECTRIC AND OTHER LOGS RUN DUAL LATERAL LOG, DENSITY NEUTRON LOG, C.R.L.

20. WAS WELL CORDED NO

Table with 6 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED

Table with 8 columns: LINDER RECORD (SIZE, TOP (MD), BOTTOM (MD), BACK CEMENT, SCREEN (MD)) and TUBING RECORD (SIZE, DEPTH SET (MD), PACKER SET (MD))

Table with 2 columns: 31. PERFORATION RECORD (Interval, size and number) 5,094'-5,112' .38 - 36; 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. (DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED)

Table with 8 columns: 33. PRODUCTION (DATE FIRST PRODUCTION, PRODUCTION METHOD, WELL STATUS, DATE OF TEST, HOURS TESTED, CROSS SIZE, PROD'N. FOR TEST PERIOD, OIL-BBL., GAS-MCF., WATER-BBL., GAS-OIL RATIO)

Table with 8 columns: 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) USED FOR FUEL, AND SOLD; TEST WITNESSED BY

35. List of attachments

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. SIGNED [Signature] TITLE MAF DATE 3-31-1986

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

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

UTAH

<p>STARFIGHTER PET 24-34 FEDERAL API 43-047-31637-0001</p>	<p>34-89-18E SW SE SW 819 FSL 1800 FWL IC 430477002888</p>	<p>EIGHT MILE FLAT NORTH; 8150 DOUGLAS CREEK, IFR 06-03 86DN EL: 4876 GR LOCATION DATA: 22 MI SE MYTON, UT, AMMANN BASE MAP UT-8, POMCO MAP U-25 OWWO, OLD INFO FORMERLY NATURAL GAS CORP OF CALIF 24-34D FEDERAL SPUD 7/8-85, 8 5/8 @ 300 W.200 SX LOG TOPS GREEN RIVER 4167, DOUGLAS CREEK 4791, OTD 8150, COMP 7/18-85, D&A.</p>	<p>DO</p>
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CONTR: NOT RPTD. SPUD: 12/08/85. CSG: 5 1/2 @ 5278 W.520 SX TBG: 2 7/8 @ 5178. LOG TYPES: CBND, CNL, DLL, FDC, 8150 TD, (DOUGLAS CREEK 12/18/85), PRODUCING INTERVAL(S) DATA: PERF(S): (DOUGLAS CREEK) 5/14-5112 W.38, SWFR (5094-5112) W.12300 GALS, 64000 LBS SAND, COMP 1/21/86, IPP 36 BO, 150 MCFGPD, 37 BWPD, GTY 37.0, FTP 60, FCP 180 PROD ZONE - DOUGLAS CREEK 8094-5112 NO CORES OR DSTS FIRST REPORT & COMPLETION

UT8-05

1988 PETROLEUM INFORMATION CORP. (P)

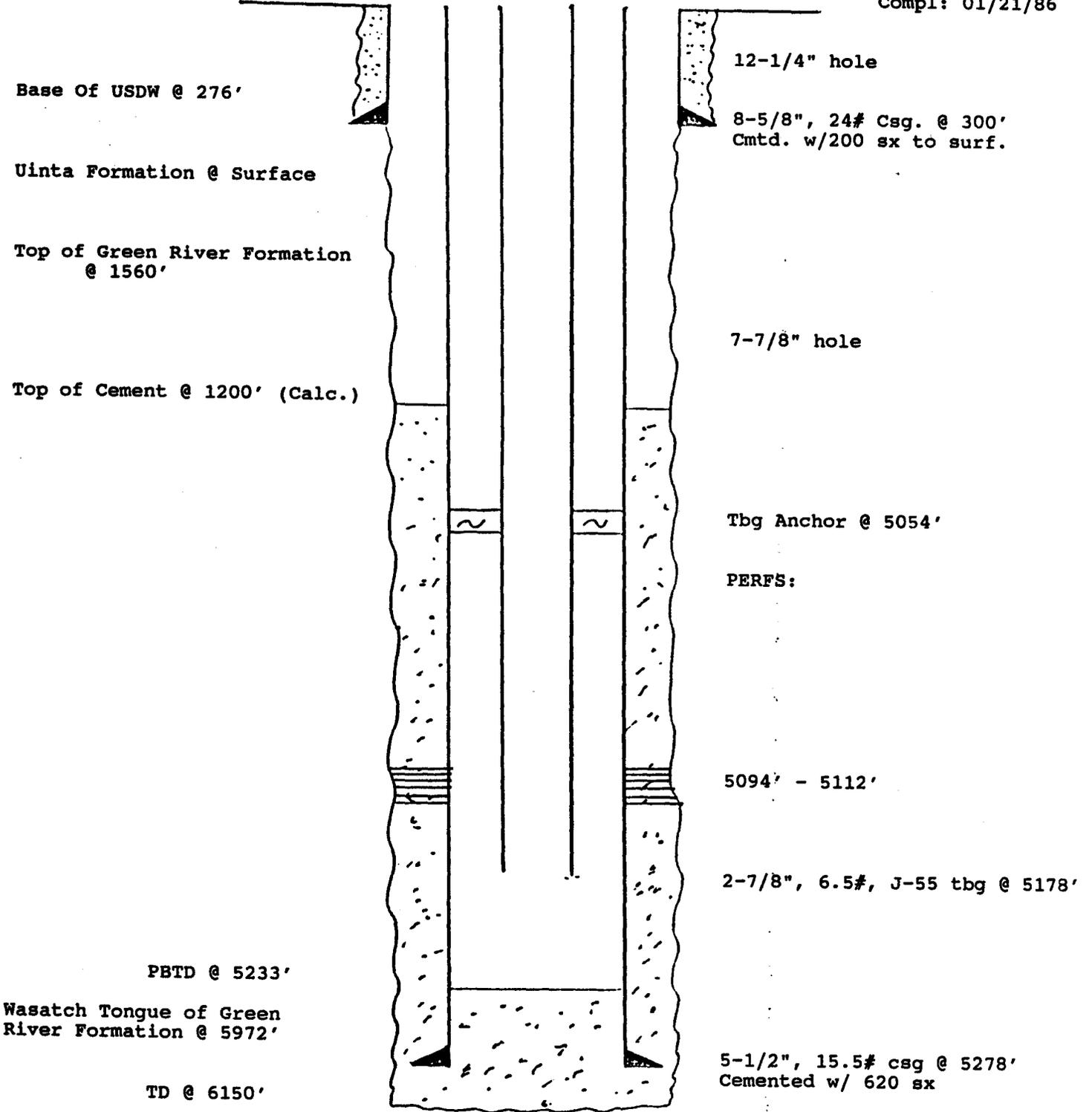
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FORM NO. 327

FEDERAL 24-34
619' FSL & 1880' FWL (SE/SW)
SECTION 34, T8S, R18E
EIGHT MILE FLAT NORTH FIELD
UINTAH COUNTY, UTAH

GL: 4876'

Spud: 12/06/85
Compl: 01/21/86



CURRENT WELLBORE DIAGRAM