



July 15, 1994

Utah Division of Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Attn: Frank Matthews

Re: PG & E Resources Company
Federal #14-9H
SW SW Sec. 9, T9S - R17E
Duchesne County, Utah

Dear Frank,

Enclosed please find three copies of the Application for Permit to Drill on the above mentioned well along with one copy of the drilling program and surface use plan which has been filed with the BLM in Vernal, Utah.

Please forward the approved copies to Jim LaFevers, PG & E Resources Company at the address shown on the A.P.D. Thanks for your assistance in this matter.

Sincerely,

PERMITCO INC.

Lisa L. Smith
Consultant for:
PG & E Resources Company

Enc.

cc: PG & E Resources Company - Dallas, TX
PG & E Resources Company - Vernal, UT

JUL 18 1994

Permitco Incorporated
A Petroleum Permitting Company

13585 Jackson Drive Denver, Colorado 80241 (303) 452-8888

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-50750
1b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
2. NAME OF OPERATOR PG & E Resources Company		7. UNIT AGREEMENT NAME N/A
3. ADDRESS OF OPERATOR PERMITCO INC. - Agent		8. FARM OR LEASE NAME Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At Surface 739' FSL and 768' FWL At proposed Prod. Zone SW SW Sec. 9, T9S - R17E		9. WELL NO. #14-9H
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 14.5 miles south of Myton, Utah		10. FIELD AND POOL OR WILDCAT MONUMENT BUTTE
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 739'	16. NO. OF ACRES IN LEASE 479.26	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 9, T9S - R17E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. Approx. 4200'	19. PROPOSED DEPTH 6050	12. COUNTY OR PARISH Duchesne
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5275' GR	20. ROTARY OR CABLE TOOLS Rotary	13. STATE Utah
23. PROPOSED CASING AND CEMENTING PROGRAM		17. NO. OF ACRES ASSIGNED TO THIS WELL 40
22. APPROX. DATE WORK WILL START* August 15, 1994		

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	350'	110 cubic feet, circ to surface.
7-7/8"	5-1/2"	17#	6,050'	1000 cubic feet or suffic. to cover zones of interest.

PG & E Resources Company proposes to drill a well to 6050' to test the Green River formation. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements.

CONFIDENTIAL - TIGHT HOLE

See Onshore Order No. 1 attached.

Please be advised that PG & E Resources Company is considered to be the Operator of the above mentioned well. PG & E Resources Company agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No. U-187011. The principal is PG & E Resources Company via surety consent as provided for in 43 CFR 3104.2.

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 *Lisa L. Smith* TITLE Consultant for: PG & E Resources Co. DATE 07/15/94

PERMIT NO. 43-013-31459 APPROVAL DATE APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS AND MINING

APPROVED BY _____ TITLE _____ DATE 9/8/94

CONDITIONS OF APPROVAL, IF ANY: _____ BY: *W. J. Withers*

cc: Utah Division of Oil, Gas & Mining

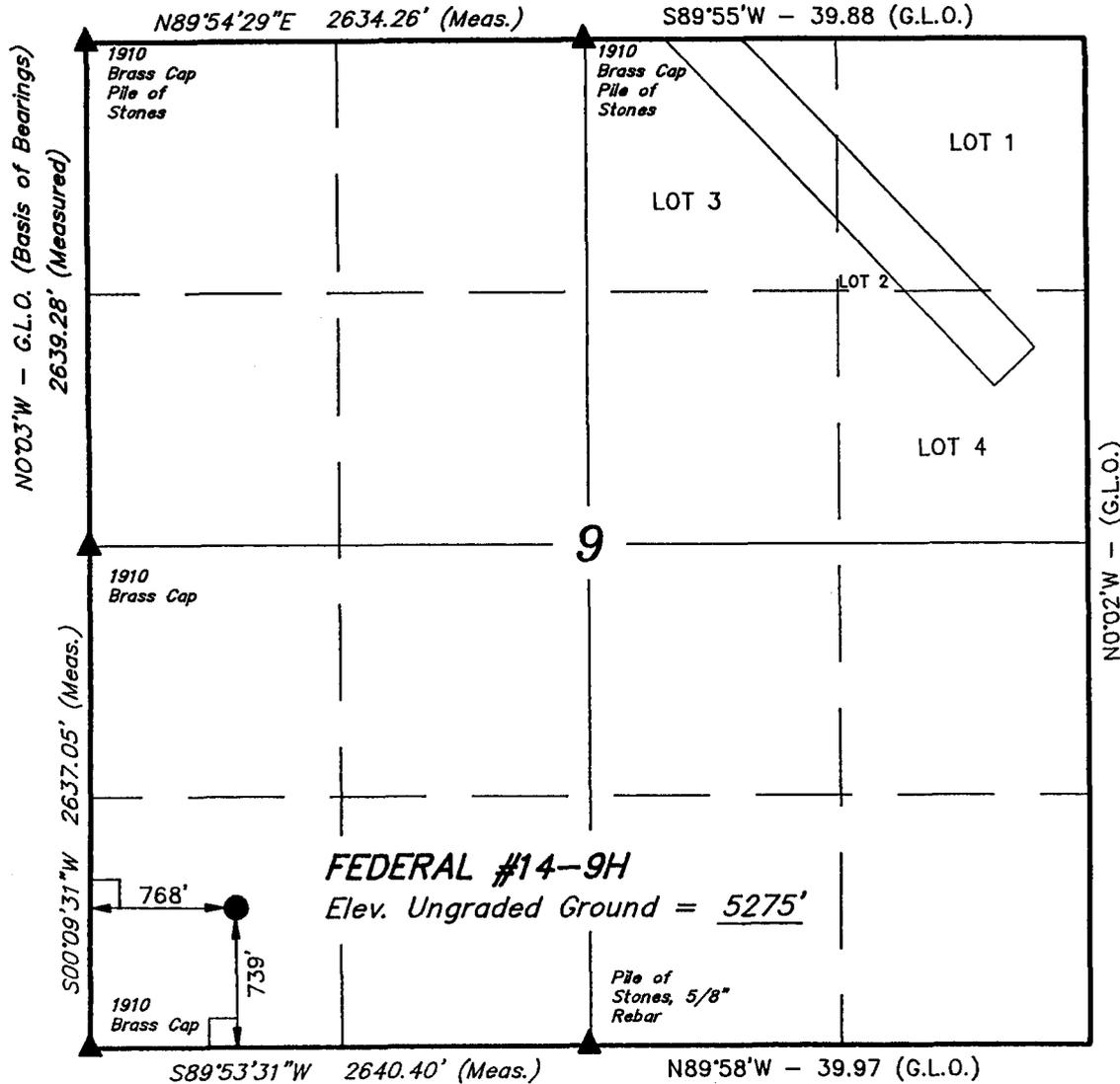
*See Instructions On Reverse Side

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

T9S, R17E, S.L.B.&M.

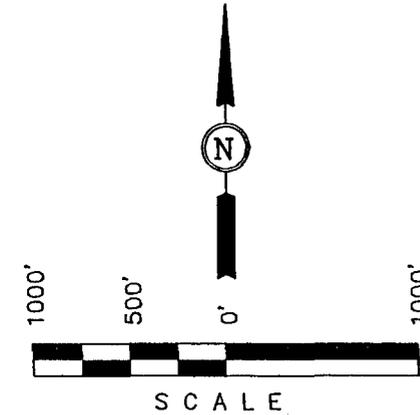
PG&E RESOURCES COMPANY

Well location, FEDERAL #14-9H, located as shown in the SW 1/4 SW 1/4 of Section 9, T9S, R17E, S.L.B.&M. Duchesne County, Utah.



BASIS OF ELEVATION

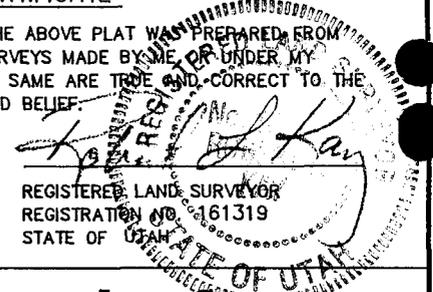
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CERTIFICATE

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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH



LEGEND:

- └ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 7-6-94	DATE DRAWN: 7-8-94
PARTY B.B. B.R. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE PG&E RESOURCES	

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

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24. SIGNED *[Signature]* CONSULTANT FOR: **PG & E Resources Co.** DATE **07/15/94**

PERMIT NO. 43-013-31459 APPROVAL DATE APPROVED BY THE STATE
 OF UTAH DIVISION OF OIL, GAS, AND MINING
 APPROVED BY _____ TITLE _____ DATE: 9/8/94
 BY: [Signature]
 CONDITIONS OF APPROVAL, IF ANY: _____

cc: Utah Division of Oil, Gas & Mining

*See Instructions On Reverse Side

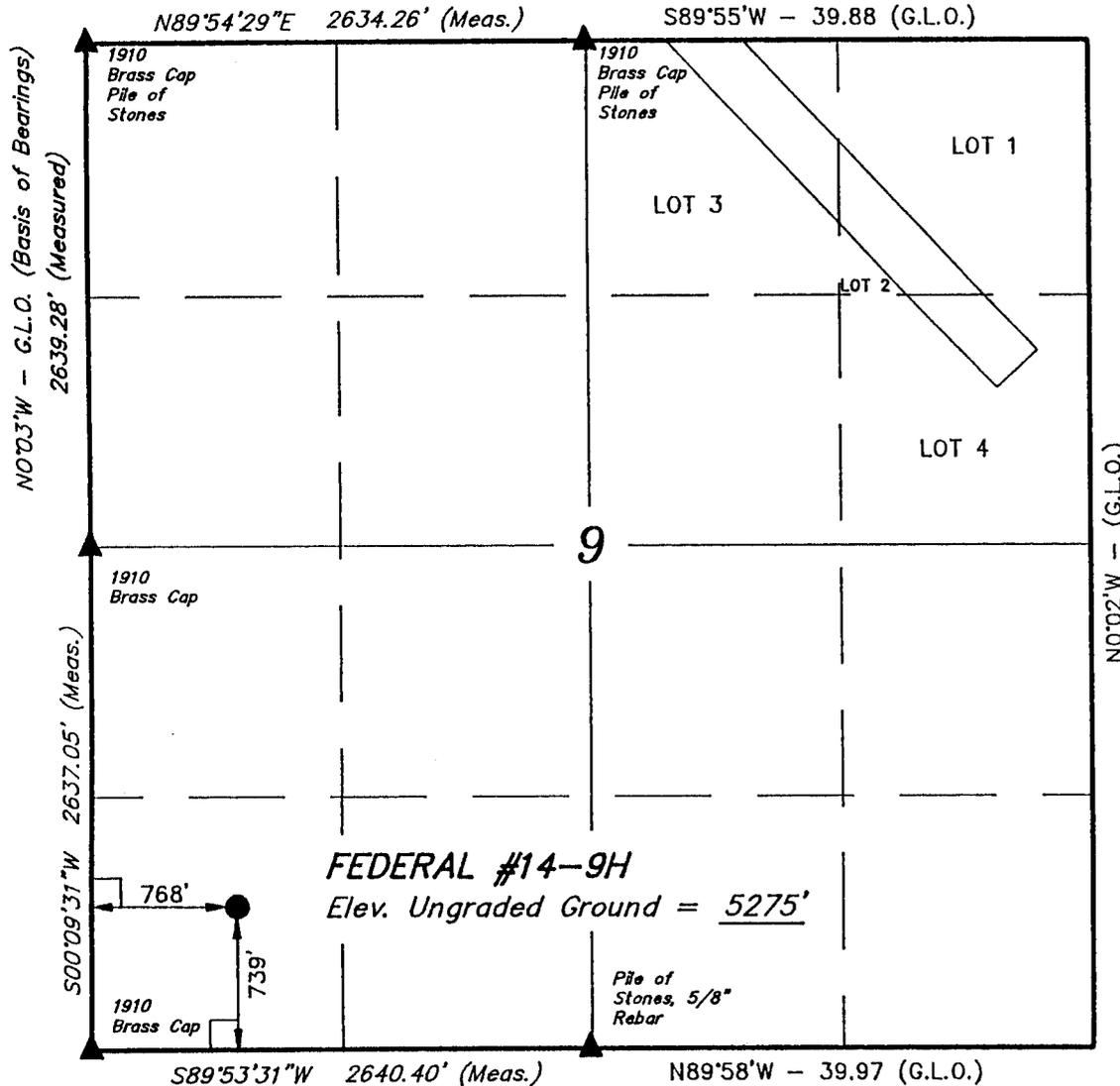
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WELL SPACING R649-3-2

T9S, R17E, S.L.B.&M.

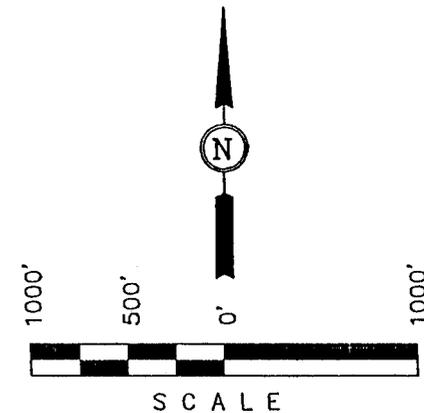
PG&E RESOURCES COMPANY

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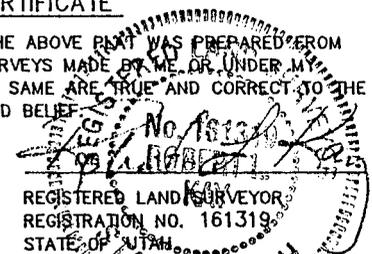
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- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

UINTAH ENGINEERING & LAND SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (801) 789-1017

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PARTY B.B. B.R. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE PG&E RESOURCES	

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

5. LEASE DESIGNATION AND SERIAL NO.
U-50750

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

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7. UNIT AGREEMENT NAME
N/A

1b. TYPE OF WELL
OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

8. FARM OR LEASE NAME
Federal

2. NAME OF OPERATOR **214/750-3800 PG & E Resources Company** **6688 N. Central Expressway, Suite 1000 Dallas, TX 75206**

9. WELL NO.
#14-9H

3. ADDRESS OF OPERATOR **303/452-8888 PERMITCO INC. - Agent** **13585 Jackson Drive Denver, CO 80241**

10. FIELD AND POOL OR WILDCAT **MONUMENT BUTTE**

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At Surface **739' FSL and 768' FWL**
At proposed Prod. Zone **SW SW Sec. 9, T9S - R17E**

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Duchesne

13. STATE
Utah

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739'

16. NO. OF ACRES IN LEASE
479.26

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

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24. SIGNED *[Signature]*

Consultant for:
TITLE **PG & E Resources Co.**

DATE **07/15/94**

(This space for Federal or State office use)

PERMIT NO. 43-013-31459

APPROVAL DATE

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

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE: 9/18/94
BY: *[Signature]*

cc: Utah Division of Oil, Gas & Mining

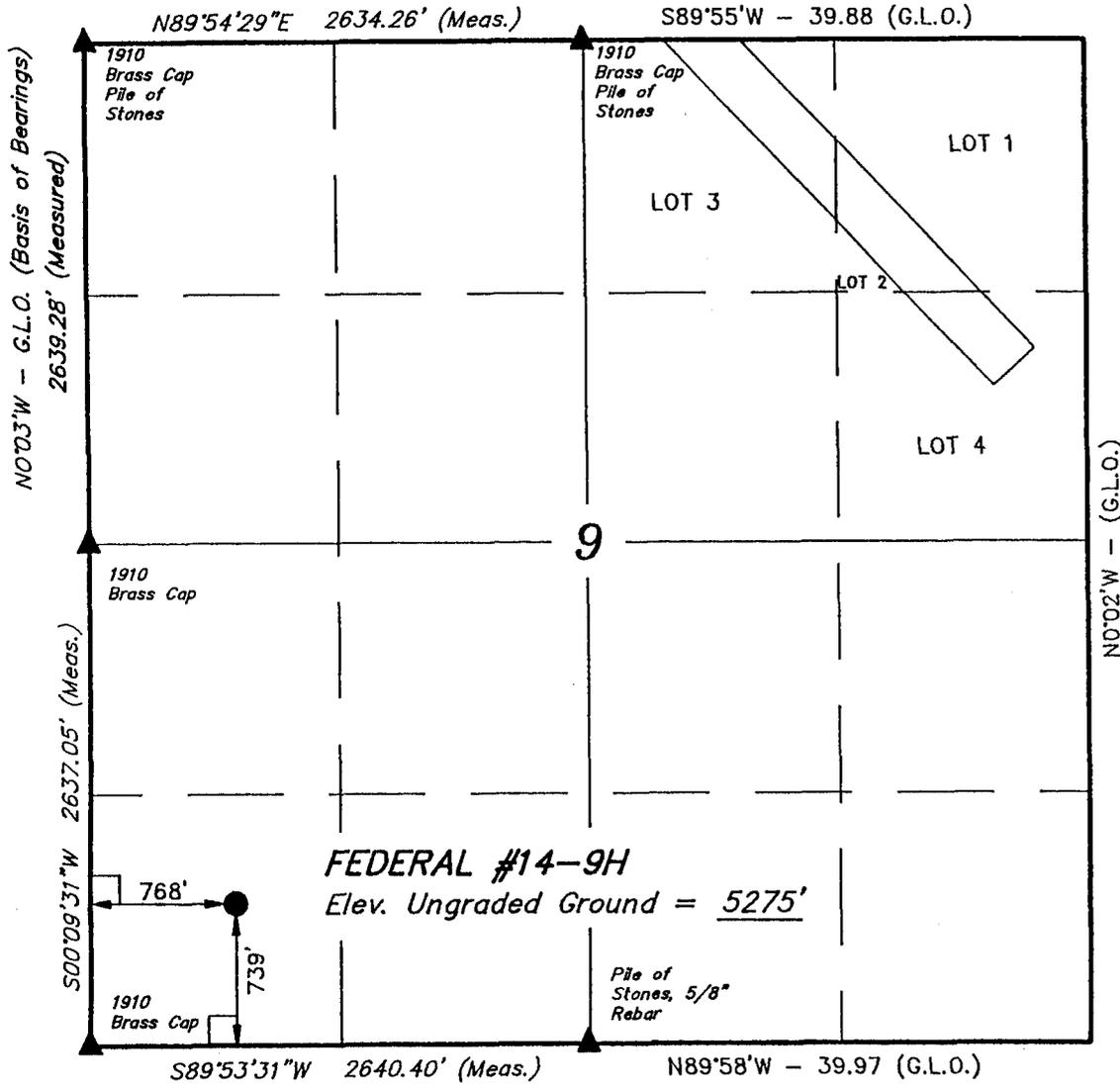
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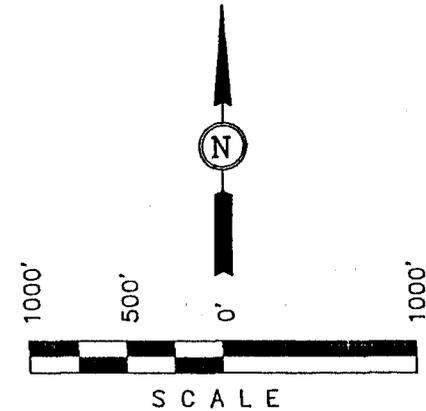
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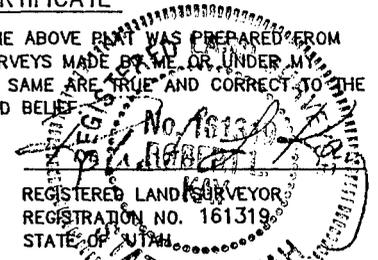
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WEATHER HOT	FILE PG&E RESOURCES	

ONSHORE OIL & GAS ORDER NO. 1

**Approval of Operations on Onshore
Federal and Indian Oil & Gas Leases**

**Federal #14-9H
739' FSL and 768' FWL
SW SW Sec. 9, T9S - R17E
Duchesne County, Utah**

Prepared For:

PG & E RESOURCES COMPANY

By:

**PERMITCO INC.
13585 Jackson Drive
Denver, Colorado 80241
303/452-8888**

CONFIDENTIAL - TIGHT HOLE

Copies Sent To:

- 3 - BLM - Vernal, Utah**
- 1 - Utah Division of Oil, Gas & Mining - SLC, UT**
- 3 - PG & E Resources - Dallas, TX**
- 1 - PG & E Resources - Vernal, Utah**



August 9, 1993

Bureau of Land Management
170 S. 500 E.
Vernal, UT 84078



Attn: Minerals

Re: Agent Designation

Gentlemen:

This letter is to inform you that Permitco, Inc. is authorized to act as Agent and to sign documents on behalf of PG&E Resources Company when necessary for filing county, state and federal permits including Onshore Order No. 1, Right of Way applications, etc.

It should be understood that Permitco is acting as Agency only in those matters stated above and is not responsible for drilling, completion, production or compliance with regulations.

PG&E Resources Company agrees to accept full responsibility for operations including drilling, completion and production.

Yours very truly,

Jim LaFevers
Supervisor
Regulatory Affairs

JLF:ah

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Federal #14-9H

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**ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal and Indian Oil and Gas Leases**

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.

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>	<u>Subsea</u>
Uinta	Surface	
Green River	1393'	+3902'
D.C. Marker	4495'	+ 800'
"D"	4721'	+ 574'
"E"	4841'	+ 454'
"E ₂ "	4969'	+ 326'
"F"	5367'	- 72'
Basal Ls.	5773'	- 478'
Wasatch	5955'	- 660'
T.D.	6050'	

2. Estimated Depths of Anticipated Water, Oil, Gas or Minerals Formations:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Oil	Douglas Creek (4)	4565-4603'
Oil	Douglas Creek (5)	4673-4713'
Oil	E (d) Sand	4923-4943'
Oil	F (2) Sand	5393-5423'
Oil	F (2) Sand	5491-5510'
Water	N/A	
Other Mineral Zones	N/A	



All fresh water prospectively valuable minerals 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: (Schematic Attached)

PG & E's minimum specifications for pressure control equipment are as follows:

Ram Type: 10" Hydraulic double with annular, 3000 psi w.p.

Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70 percent of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10 percent in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

Annular type preventers (if used) shall be tested to 50 percent of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

As a minimum, the above test shall be performed:

- a. when initially installed;
- b. whenever any seal subject to test pressure is broken
- c. following related repairs; and
- d. at 30-day intervals

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) the check valve shall be held open or the ball removed.



Annular preventers shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

Pressure tests shall apply to all related well control equipment.

All of the above described tests and/or drills shall be recorded in the drilling log.

BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been 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 will be 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 the BLM representative on location during pressure testing.

- a. The size and rating of the BOP stack is shown on the attached diagram. Although a rig has not been chosen to drill this well, most of the equipment for this depth of hole in the area use a 2000 psi working pressure blowout preventor.
- b. A choke line and a kill line are to be properly installed. The kill line is not to be used as a fill-up line.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.



4. Proposed Casing and Cementing Program:

- a. The proposed casing and cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Any isolating medium other than cement shall receive approval prior to use. The casing setting depth shall be calculated to position the casing seat opposite a competent formation which will contain the maximum pressure to which it will be exposed during normal drilling operations. Determination of casing setting depth shall be based on all relevant factors, including; presence/absence of hydrocarbons; fracture gradients; usable water zones; formation pressures; lost circulation zones; other minerals; or other unusual characteristics. All indications of usable water shall be reported.
- b. Casing design shall assume formation pressure gradients of 0.44 to 0.50 psi per foot for exploratory wells (lacking better data).
- c. Casing design shall assume fracture gradients from 0.70 to 1.00 psi per foot for exploratory wells (lacking better data)
- d. Casing collars shall have a minimum clearance of 0.422 inches of all sides in the hole/casing annulus, with recognition that variances can be granted for justified exceptions.
- e. All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.
- f. All casing except the conductor casing, shall be new or reconditioned and tested used casing that meets or exceeds API standards for new casing.
- g. The surface casing shall be cemented back to surface either during the primary cement job or by remedial cementing.
- h. All indications of usable water shall be reported to the authorized officer prior to running the next string of casing or before plugging orders are requested, whichever occurs first.



- i. Surface casing shall have centralizers on every fourth joint of casing starting with the shoe joint and up to the bottom of the cellar.
- j. Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc. shall be utilized to help isolate the cement from contamination by the mud fluid being displaced ahead of the cement slurry.
- k. All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or 1500 psi, whichever is greater, but not to exceed 70 percent of the minimum internal yield. If pressure declines more than 10 percent in 30 minutes, corrective action shall be taken.
- l. On all exploratory wells, and on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.

m. The proposed casing program will be as follows:

<u>Purpose</u>	<u>Depth</u>	<u>Hole Size</u>	<u>O.D.</u>	<u>Weight</u>	<u>Grade</u>	<u>Type</u>	<u>New or Used</u>
Surface	0-350'	12-1/4"	9-5/8"	36#	K-55	ST&C	New
Produc.	0-6050'	7-7/8"	5-1/2"	14# 17#	J-55	LT&C	New

- n. Casing design subject to revision based on geologic conditions encountered.
- o. The cement program will be as follows:

<u>Surface</u> 0-350'	<u>Type and Amount</u> ± 110 sx Class "A" Cement or sufficient volume to circulate to surface.
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Production

Type and Amount

Approx. 1000 cubic feet of 50/50 Poz Mix, 14.1 ppg, 1.26 yield or sufficient to cover zones of interest (from T.D. to approximately 2600'.

- p. 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.
- q. After cementing but before commencing any test, the casing string shall stand cemented until the cement has reached a compressive strength of at least 500 psi at the shoe. WOC time shall be recorded in the driller's log.
- r. The following reports shall be filed with the District Manager within 30 days after the work is completed.
 - 1. Progress reports, Form 3160-5 (formerly 9-331) "Sundry Notices and Reports on Wells", must include complete information concerning:
 - a. Setting of each string of casing, showing the size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
 - b. Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.
- s. Auxiliary equipment to be used is as follows:
 - 1. Kelly cock
 - 2. No bit float is deemed necessary.
 - 3. A sub with a full opening valve.

5. Mud Program:

a. The proposed circulating mediums to be employed in drilling are as follows:

<u>Interval</u>	<u>Mud Type</u>	<u>Mud Wt.</u>	<u>Visc.</u>	<u>F/L</u>	<u>PH</u>
0-6050'	Water/Lime & Gel	8.4-8.6	27-36	N/C	N/C

Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control during the course of drilling operations.

A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, static filtration loss, and Ph.

b. Mud monitoring equipment to be used is as follows:

1. Periodic checks will be made each tour of the mud system. The mud level will be checked visually.

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

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

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

6. Evaluation Program:

The anticipated type and amount of testing, logging and coring are as follows:

- a. No drill stem tests are anticipated, however, if they are run the following will be adhered to:

Initial opening of drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the authorized officer. However, DST's may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e. lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping shall not begin before daylight, unless prior approval is obtained from the authorized officer. Closed chamber DSTs may be accomplished day or night.

A DST that flows to the surface with evidence of hydrocarbons shall be either reversed out of the testing string under controlled surface conditions. This would involve provided some means for reverse circulation.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

All engines within 100 feet of the wellbore that are required to "run" during the test shall have spark arresters or water cooled exhausts.

- b. The logging program will consist of a Dual Laterolog, 1", 2" and 5" from T.D. to base of surface casing. A Spectral Density Dual-Spaced Neutron Log, 5" from T.D. to base of surface casing.
- c. No cores are anticipated.
- d. 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).

- e. The anticipated completion program is as follows: Perforate and casing water frac potential hydrocarbon bearing zones.
- f. Daily drilling and completion progress reports shall be submitted to the BLM in Vernal on a weekly basis.

7. Abnormal Temperatures or Pressures

- a. No abnormal temperatures or pressures are anticipated. No H₂S has been encountered in or known to exist from previous wells drilled to similar depths in the general area.
- b. The maximum anticipated bottom hole pressure will be approximately 2700 psi at T.D.

8. Anticipated Starting Dates and Notification of Operations:

- a. Drilling will commence immediately upon approval of this application.
- b. It is anticipated that the drilling of this well will take approximately 12-14 days.
- c. The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m, Monday through Friday except holidays), at least 24 hours prior to spudding the well.



- d. Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.
- e. The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.
- f. Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.
- g. 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.
- h. 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.

- i. 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 with the Vernal BLM District Office, 170 South 500 East, Vernal, UT 84078.
- j. 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.
- k. 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.
- l. 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 communications, not later than 5 days following the date on which the well is placed on production.
- m. Pursuant to Onshore Order No. 7, 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.
- n. 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.
- o. 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

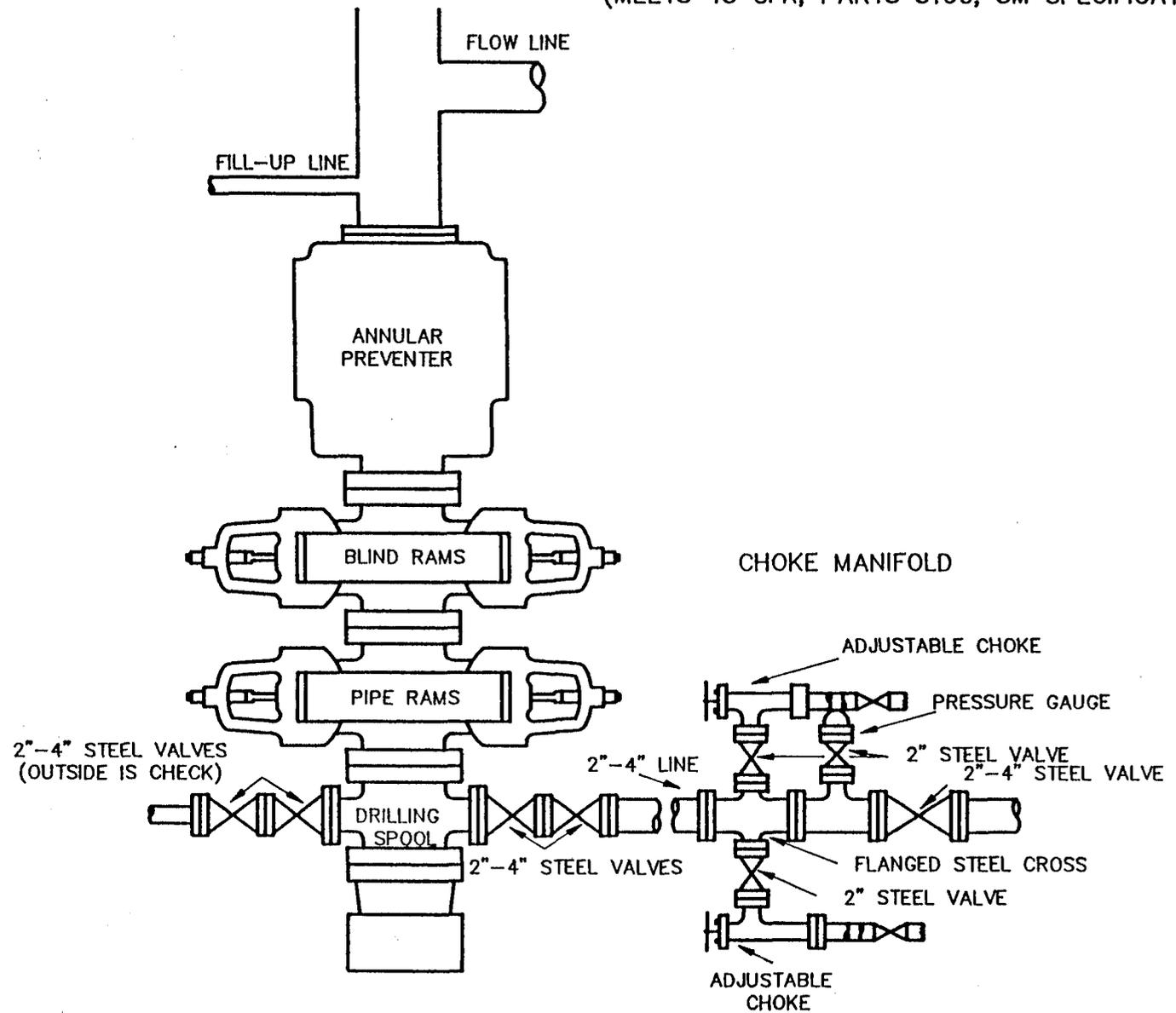


lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

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



THREE PREVENTER HOOKUP
CLASS III
(MEETS 43 CFR, PARTS 3160, 3M SPECIFICATIONS)



ONSHORE ORDER NO. 1
PG & E Resources Company
Federal #14-9H
739' FSL and 768' FWL
SW SW Sec. 9, T9S - R17E
Duchesne County, Utah

CONFIDENTIAL - TIGHT HOLE

Lease No. U-50750

SURFACE USE PLAN
Page 1

ONSHORE OIL & GAS ORDER NO. 1

NOTIFICATION REQUIREMENTS

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

The onsite inspection for the subject well was conducted on Tuesday, July 12, 1994 at approximately 4:30 p.m. Weather conditions were warm and windy. In attendance at the onsite inspection were the following individuals:

Robert Kay
Lisa Smith
Ralph Brown
Jake Neves

Uintah Engineering and Land Surveying
Permitco Inc.
Bureau of Land Management
Drilling Consultant/PG & E

1. Existing Roads

- a. The proposed well site is located approximately 14.5 miles south of Myton, Utah.



- b. **Directions to the location from Myton, Utah are as follows:**

From Myton proceed southwesterly on Highway 40 for 1.5 miles. Turn left onto County Road #53 and #216 and proceed southeasterly for 12.7 miles to the Castle Peak Mine. Turn right and proceed southwesterly for 1.4 miles. Turn left onto an existing oilfield road and proceed easterly for 0.5 miles. Turn left and proceed north for 0.1 miles. Turn left and proceed westerly for 0.1 miles to the location.

- c. **For location of access roads within a 2-Mile radius, see Maps A & B.**
- d. **Improvement to the existing access will not be necessary. All roads (with the exception of the last 0.7 miles) are county maintained.**
- e. **All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.**
- f. **Existing roads and newly constructed roads on surface under the jurisdiction of any Surface Managing Agency shall be maintained in accordance with the standards of the SMA.**

2. Planned Access Roads

- a. **Approximately 0.1 miles of new construction will be required. The road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet. Appropriate water control will be installed to control erosion.**
- b. **The maximum grade (of the new construction) will be approximately 4%.**
- c. **No turnouts are planned.**
- d. **No low water crossings will be necessary. There are no major cuts and fills. No culverts and/or bridges will be required.**
- e. **The new access was centerline flagged at the time of staking.**



- f. The use of surfacing material is not anticipated, however it may be necessary depending on weather conditions.
- g. No cattleguards will be necessary.
- h. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.
- i. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).
- j. The road will be constructed/upgraded to meet the standards of the anticipated traffic flow and all weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowing and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.
- k. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.



- i. All access (not county maintained) will be covered under existing ROW #49220. A right of way easement will be filed with the Utah State Lands and Forestry for access across the N/2 NW/4 of Section 16, T9S - R17E.
-
3. Location of Existing Wells Within a 1-Mile Radius of the Proposed Location.
(See Map #C).
 - a. Water wells - none
 - b. Injection wells - none
 - c. Producing wells - three
 - d. Drilling wells - none
 - e. Shut-in wells - none
 - f. Temporarily abandoned wells - none
 - g. Disposal wells -none
 - h. Abandoned wells - two
 - i. Dry Holes - none

 4. Location of Tank Batteries and Production Facilities.
 - a. All permanent structures (onsite for six months or longer) constructed or installed (including oil well pump jacks) will be painted Desert Tan (10YR6/3). All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.

 - b. If storage facilities/tank batteries are constructed on this lease, the facility/battery or the wellpad shall surrounded by a containment dike of sufficient capacity to contain at a minimum, the entire content of the



largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

- c. A Sundry Notice will be submitted showing placement of all production facilities prior to construction.
- d. All loading lines will be placed inside the berm surrounding the tank battery.
- e. Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down 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.
- f. 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 Onshore Oil and Gas Order No. 4 for liquid hydrocarbons and Onshore Oil and Gas Order No. 5 for natural gas measurement.
- g. If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.
- h. Any necessary pits will be properly fenced to prevent any wildlife entry.
- i. All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.



- j. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.**
- k. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic.**
- l. The road will be maintained in a safe useable condition.**

5. Location and Type of Water Supply

- a. All water needed for drilling purposes will be obtained from the Hicken Pond which is located N 475' W, 40' from the South quarter corner of Section 12, T4S - R2W, Duchesne County, Utah. Permit No. 47-1437 (Dalbo).**
- b. Water will be hauled to location over the roads marked on Maps A and B.**
- c. No water well is to be drilled on this lease.**
- d. A copy of the approved water permit is attached.**

6. Source of Construction Material

- a. Surface and subsoil materials in the immediate area will be utilized.**
- b. Any gravel used will be obtained from a commercial source.**
- c. The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2.3. Construction material will not be located on lease.**
- d. No construction materials will be removed from Federal land.**

7. Methods of Handling Waste Disposal

- a. The reserve pit will be constructed so as not to leak, break, or allow discharge.
- b. A 12 mil plastic nylon reinforced liner is utilized. The pit will be first lined with sufficient bedding (either straw or dirt) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.
- c. Burning will not be allowed. All trash will be contained in a trash cage and its contents removed at the end of drilling operations and hauled to an approved disposal sight.
- d. After first production, produced waste water will be confined to a unlined pit or storage tank for a period not to exceed ninety (90) days. During the 90-day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with the 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.
- e. Drill cuttings are to be contained and buried in the reserve pit.
- f. Any salts and/or chemicals which are an integral part of the drilling system will be disposed of in the same manner as the drilling fluid.
- g. A chemical porta-toilet will be furnished with the drilling rig.
- h. The produced fluids will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas salt water or other produced fluids will be cleaned up and removed.



8. Ancillary Facilities

There are no airstrips, camps, or other facilities planned during the drilling of the proposed well.

9. Well Site Layout

- a. The reserve pit will be located on the north side of the location.
- b. The flare pit will be located downwind of the prevailing wind direction on the east side, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.
- c. The stockpiled topsoil (first six inches) will be stored on the northwest side of the location between points 1 and 2.
- d. Access to the wellpad will be from the southeast between points 7 and 8.
- e. Corner 2 will be rounded off to keep any fill material from entering the proposed drainage diversion.
- f. A drainage diversion ditch will be constructed on the north and south sides of the location as shown on the location layout.
- g. See Location Layout for orientation of rig, cross section of drill pad and cuts and fills.
- h. The location of mud tanks; reserve pit, trash cage; pipe racks; living facilities and soil stockpiles will be shown on the Location Layout.
- i. During construction, all brush will be removed from the wellpad and access road and stockpiled separately from the topsoil.
- j. All pits will be fenced according to the following minimum standards:



1. 39 inch net wire shall be used with at least one strand or barbed wire on top of the net wire (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
 2. The net wire shall be no more than 2-inches above the ground. The barbed wire shall be 3-inches above the net wire. Total height of the fence shall be at least 42-inches.
 3. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
 4. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
 5. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.
- k. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until cleanup.

10. Plans for Restoration of Surface

Producing Location

- a. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash and junk not required for production.
- b. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
- c. The plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit.



- d. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed and all cans, barrels, pipe, etc., will be removed.
- e. Reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. The following seed mixture will be used unless another seed mixture is deemed to be more suitable for the location.

<u>Seed Mixture</u>	<u>Pounds/Acres*</u> <u>Pure Live Seed</u>
Forage Kochia (<i>Kochia prostrata</i>)	1
Ephriam Crested Wheatgrass (<i>Agropyron cristatum</i> Ephriam)	5
Russian Wildrye (<i>Elymus junceus</i>)	4
Fourwing Saltbush (<i>Atriplex canescens</i>)	2

*Rate if drilled. If broadcast, mixture will be doubled.
A harrow will be drug over the location to assure seed cover.

Dry Hole

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

11. Surface Ownership

Access Roads - The majority of proposed access roads are County maintained. The remainder of roads are covered under existing BLM right of ways or are located on State lands.



Wellpad - The well pad is located on lands owned by the BLM.

12. Other Information

- a. A Class III archeological survey was conducted by Sagebrush Archeological Consultants. A copy of this report is attached.
- b. The operator is responsible for informing all persons in the areas who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:
 - whether the materials appear eligible for the National Register of Historic Places;
 - the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
 - a time frame for the AO to complete and expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate. If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.
- c. The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use



Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

- d. Drilling rigs and/or equipment used during drilling operations on this wellsite will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure.**
- e. A silt catchment dam and basin will be constructed according to BLM specifications approximately 100 feet southwest of Corner 8, where flagged. A copy of the BLM specifications, "Minimum Standards for Dams Impounding Under 10 Acre Fee" is attached hereto.**
- f. All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.**
- g. A complete copy of the approved APD shall be on location during construction of the location and drilling activities.**
- h. There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended or abandoned will be identified in accordance with 43 CFR 3162.**
- i. "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.**
- j. This permit will be valid for a period of one year from the date of approval. An extension period may be granted, if requested, prior to the expiration of the original approval period. After permit termination, a new application will be filed for approval for any future operations.**



- k. The operator or his contractor shall contact the BLM Offices at 801/789-1362 48 hours prior to construction activities.
- l. The BLM Office shall be notified upon site completion prior to moving on the drilling rig.
- m. In the event after-hours approvals are necessary, please contact one of the following individuals:

Gerald E. Kencska	Petroleum Engineer	801/781-1190
Ed Forsman	Petroleum Engineer	801/789-7077
BLM Fax Machine		801/789-3634

13. Lessee's or Operator's Representative and Certification

Permit Matters

PERMITCO INC.
Lisa L. Smith
13585 Jackson Drive
Denver, CO 80241
303/452-8888

Drilling & Completion Matters

PG & E Resources Company
6688 N. Central Expressway
Suite 1000
Dallas, TX 75206-3922
Gary Whetstine - 214/750-3800
Jim LaFevers - 214/750-3800 (Regulatory)

Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by PG & E Resources Company and its contractors and subcontractors in conformity with the plan and the terms and conditions under which it is approved.



ONSHORE ORDER NO. 1
PG & E Resources Company
Federal #14-9H
739' FSL and 768' FWL
SW SW Sec. 9, T9S - R17E
Duchesne County, Utah

CONFIDENTIAL - TIGHT HOLE

Lease No. U-50750

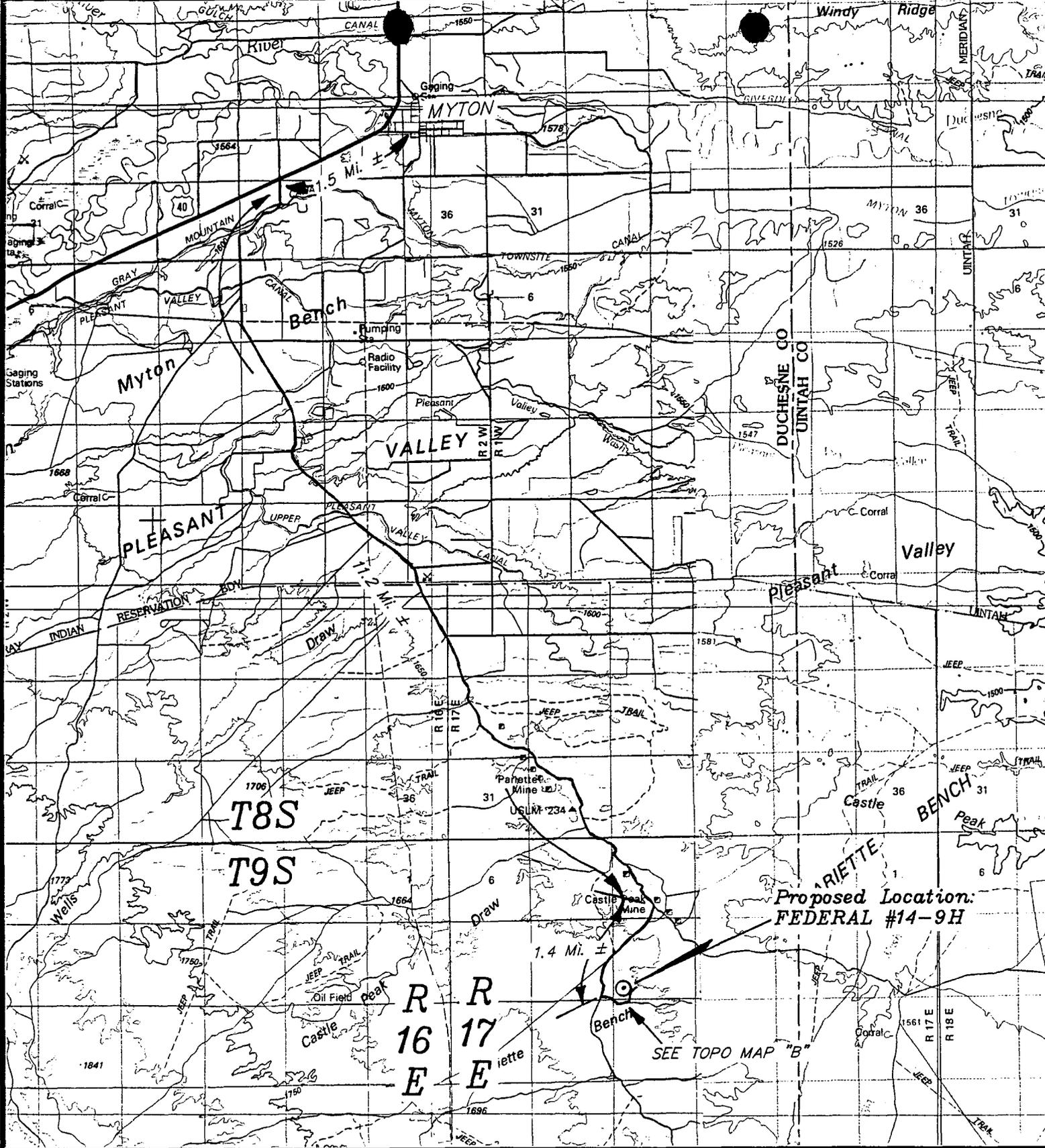
SURFACE USE PLAN
Page 14

This statement is subject to the provisions of 18.U.S.C. 1001 for the filing of a false statement.

July 15, 1994
Date:



Lisa L. Smith - PERMITCO INC.
Authorized Agent for:
PG & E Resources Company



TOPOGRAPHIC
MAP "A"

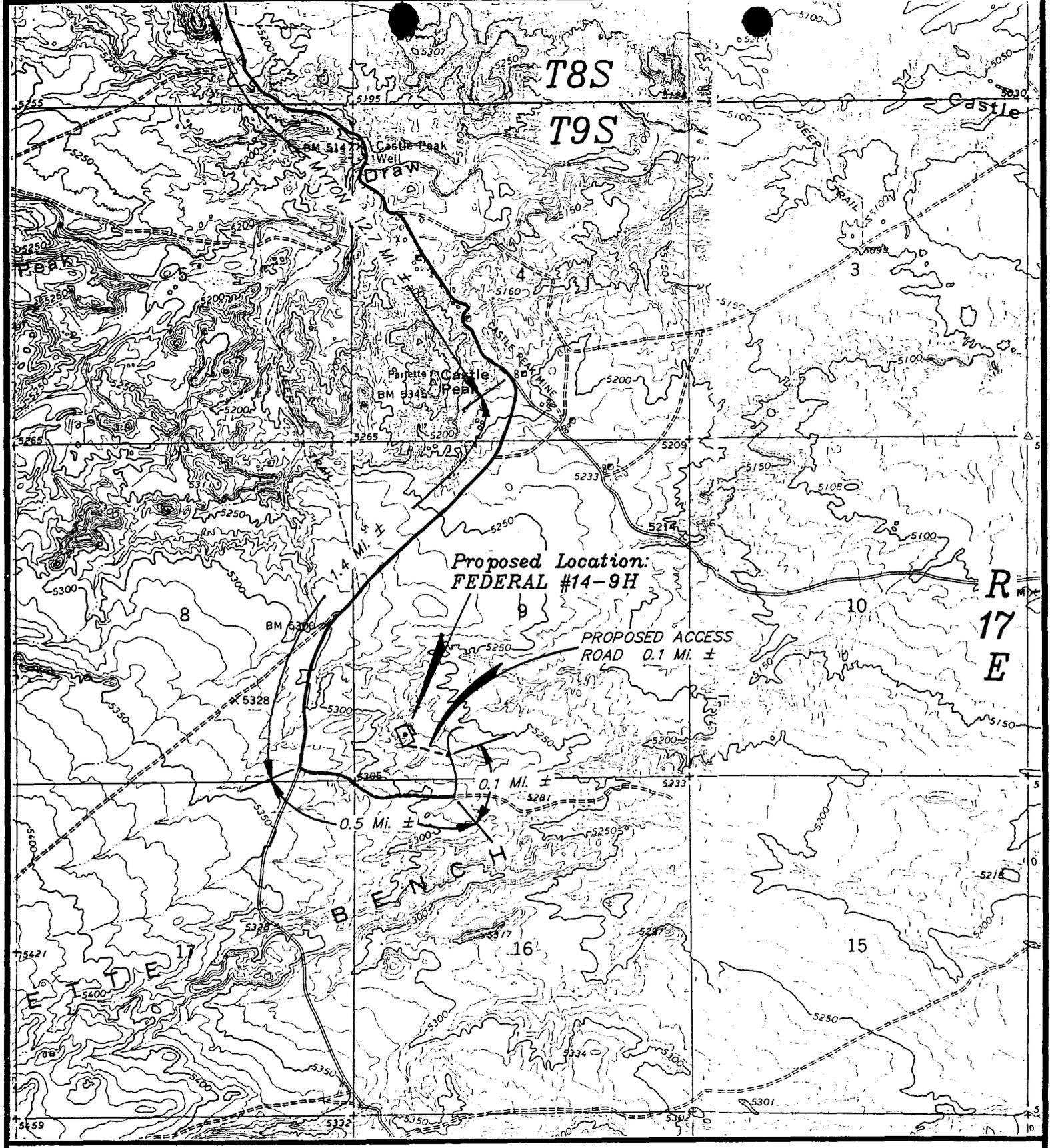
DATE: 7-9-94 C.B.T.



PG&E RESOURCES COMPANY

FEDERAL #14-9H
SECTION 9, T9S, R17E, S.L.B.&M.
739' FSL 768' FWL

SEE TOPO MAP "B"



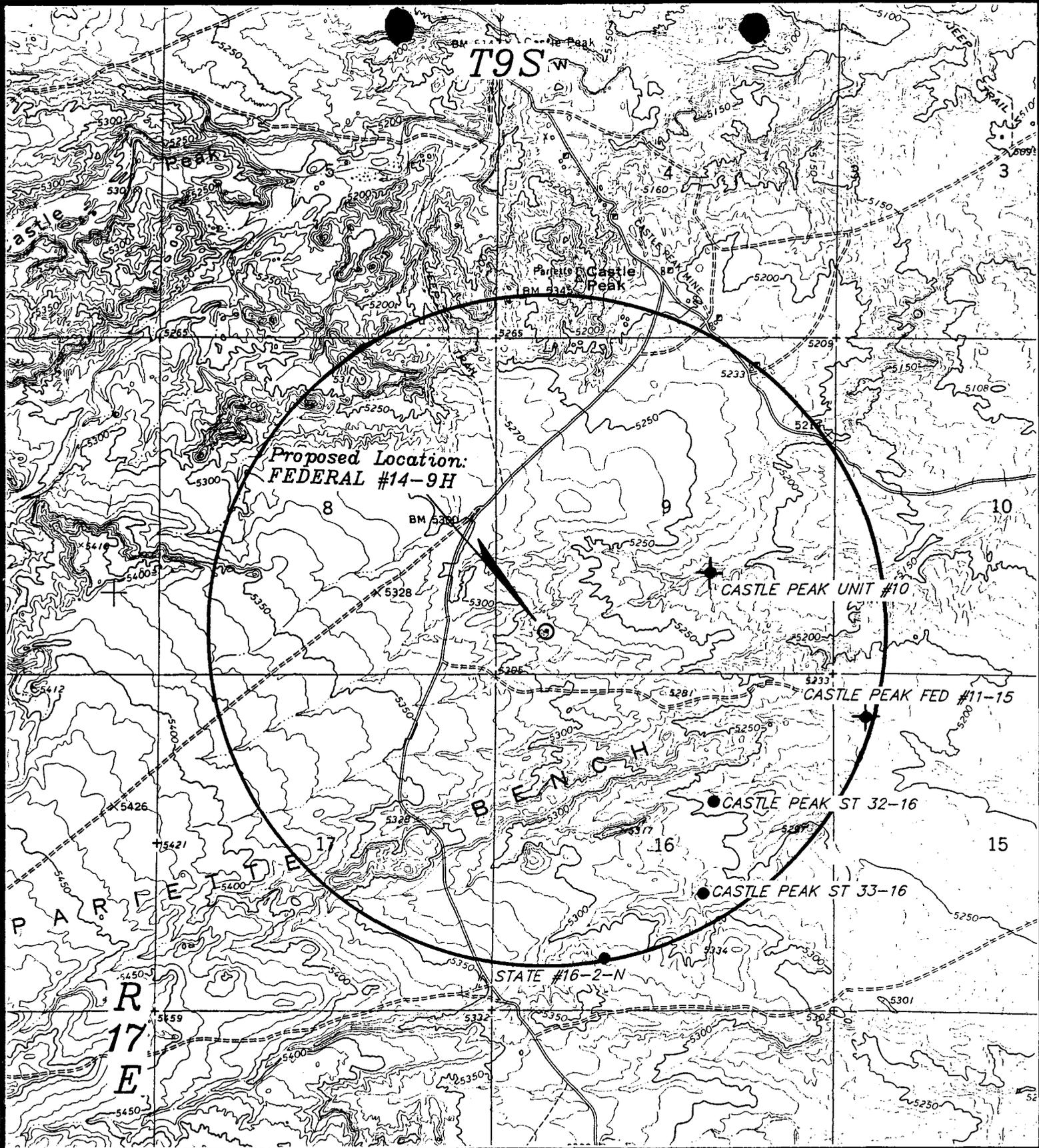
TOPOGRAPHIC
MAP "B"

SCALE: 1" = 2000'
DATE: 7-9-94 C.B.T.



PG&E RESOURCES COMPANY

FEDERAL #14-9H
SECTION 9, T9S, R17E, S.L.B.&M.
739' FSL 768' FWL



LEGEND:

- ⊗ = Water Wells
- ◆ = Abandoned Wells
- = Temporarily Abandoned Wells
- ⊘ = Disposal Wells
- = Drilling Wells
- = Producing Wells
- ◆ = Shut-in Wells



PG&E RESOURCES COMPANY

FEDERAL #14-9H

SECTION 9, T9S, R17E, S.L.B.&M.

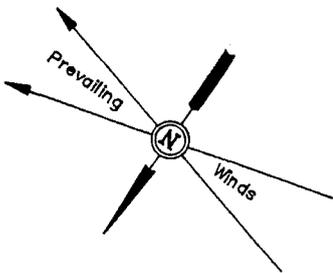
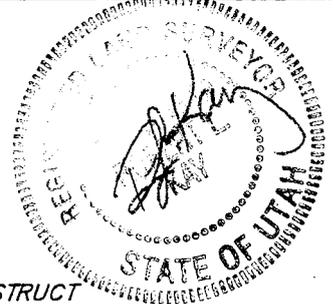
TOPO MAP "C"

DATE: 7-9-94 C.B.T.

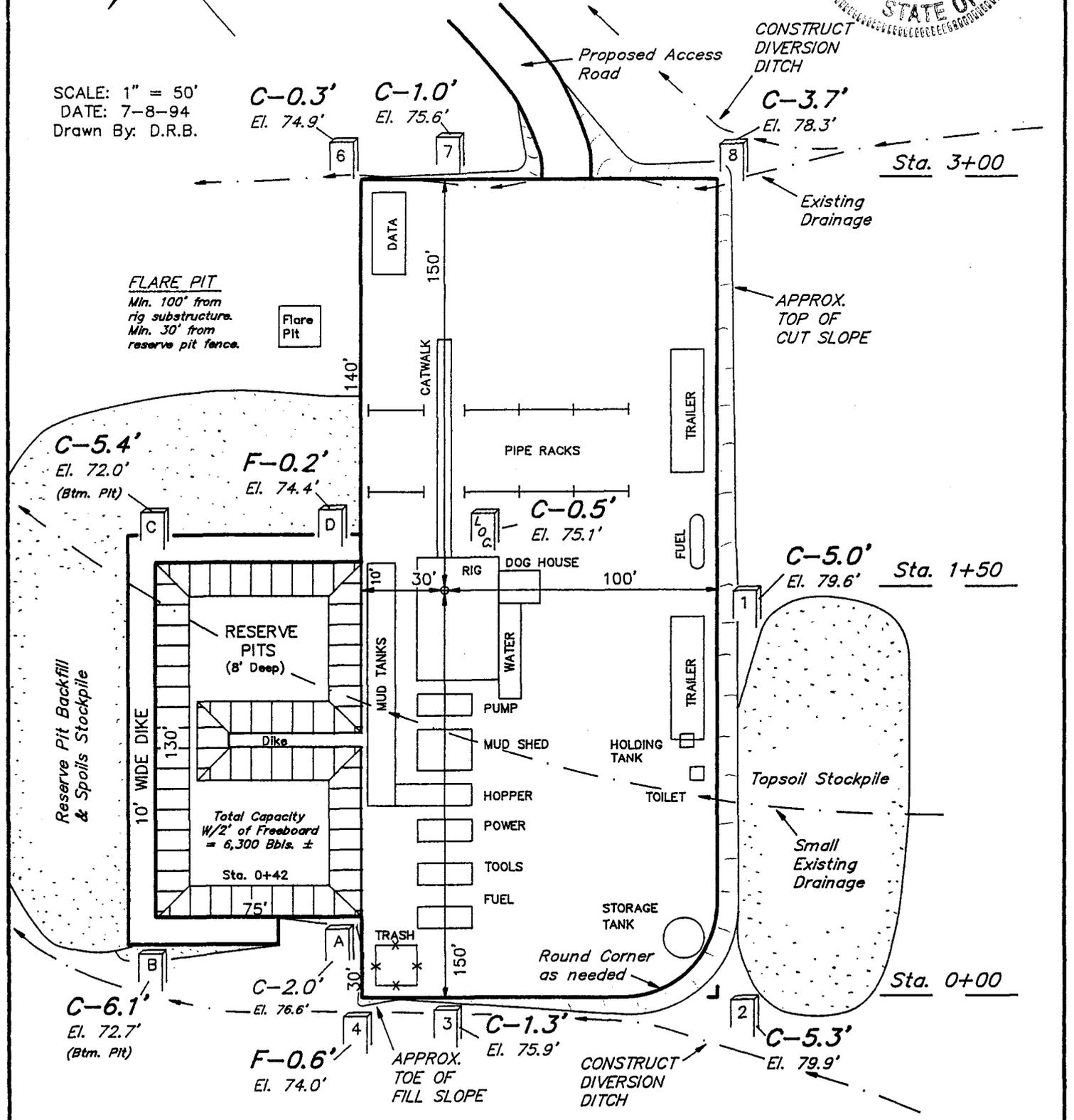
PG&E RESOURCES COMPANY

LOCATION LAYOUT FOR

FEDERAL #14-9H
SECTION 9, T9S, R17E, S.L.B.&M.
739' FSL 768' FWL



SCALE: 1" = 50'
DATE: 7-8-94
Drawn By: D.R.B.



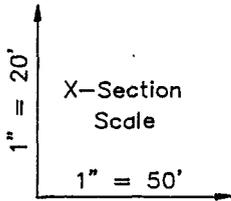
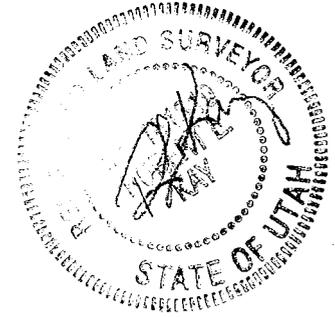
Elev. Ungraded Ground at Location Stake = 5275.1'

Elev. Graded Ground at Location Stake = 5274.6'

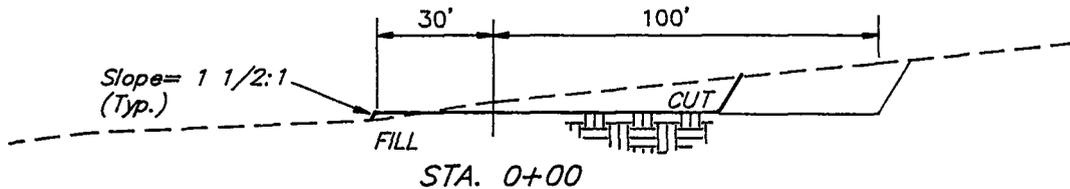
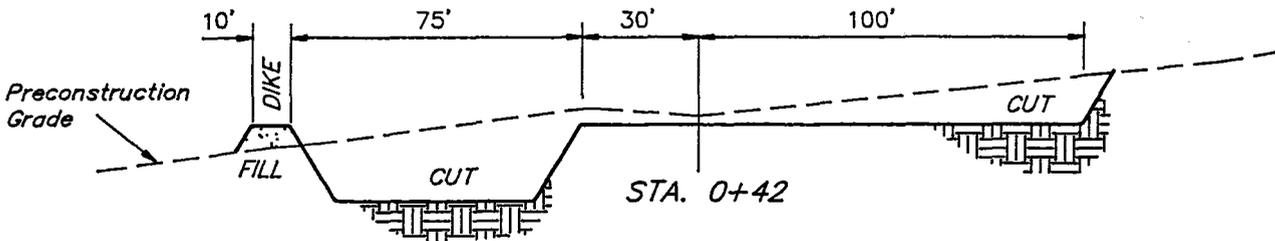
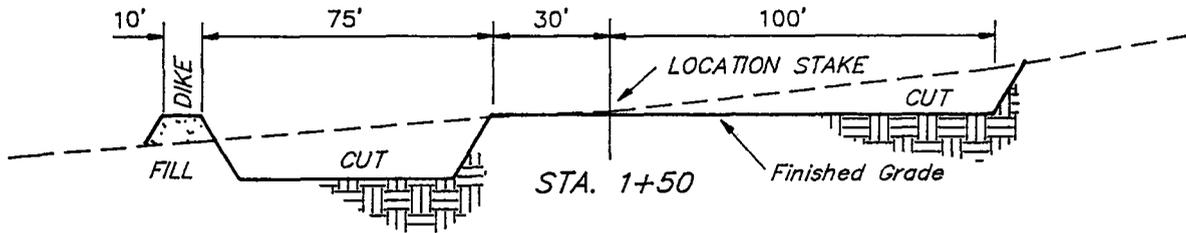
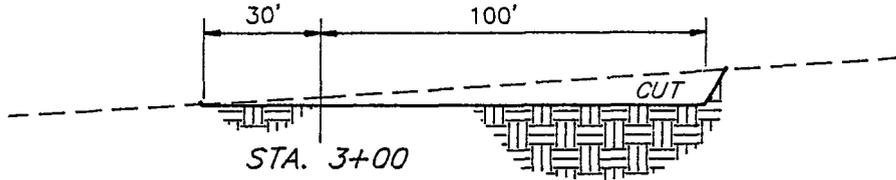
PG&E RESOURCES COMPANY

TYPICAL CROSS SECTIONS FOR

FEDERAL #14-9H
SECTION 9, T9S, R17E, S.L.B.&M.
739' FSL 768' FWL



DATE: 7-8-94
Drawn By: D.R.B.



APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 900 Cu. Yds.
Remaining Location	= 4,500 Cu. Yds.
TOTAL CUT	= 5,400 CU.YDS.
FILL	= 390 CU.YDS.

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

EXCESS MATERIAL AFTER 5% COMPACTION	= 4,990 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 1,880 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 3,110 Cu. Yds.

There are no federal stipulations at this time.

A CULTURAL RESOURCES SURVEY OF
THREE PG&E WELL PADS IN THE VICINITY OF PARIETTE BENCH,
DUCHEESNE COUNTY, UTAH

by

Heather M. Weymouth
Archaeologist

and

Rebecca L. Morgan
Archaeologist

Prepared for:

PG&E Resources Company
6688 North Central Expressway, Suite 1000
Dallas, Texas 75206-3922

Prepared by:

Sagebrush Archaeological Consultants, L.L.C.
3670 Quincy Avenue, Suite 203
Ogden, Utah 84403

Under Authority of Cultural Resources Use Permit No. 93-UT-54630

and

Utah State Antiquities Permit No. U-94-SJ-448b

Archaeological Report No. 675

July 8, 1994

INTRODUCTION

In June 1994, PG&E Resources Company (PG&E) of Dallas, Texas requested that Sagebrush Archaeological Consultants, L.L.C. (Sagebrush) conduct a cultural resources inventory of three well pads and accompanying access roads located on lands controlled by the Bureau of Land Management (BLM) for proposed PG&E Wells #21-9H, #14-9H, and #22-8H in Duchesne County, Utah. All three wells sites lie on lands controlled by the BLM.

The proposed wells are located in T. 9S., R. 17E., S. 9 NE $\frac{1}{4}$ NW $\frac{1}{4}$; S. 9 SW $\frac{1}{4}$ SW $\frac{1}{4}$; and S. 8 SE $\frac{1}{4}$ NW $\frac{1}{4}$ (Figure 1). The project area lies on USGS 7.5' Quadrangle Myton SE, Utah (1964). The project was carried out by the authors on July 6, 1994 under authority of Cultural Resources Use Permit No. 93-UT-54630 and Utah State Antiquities Permit No. U-94-SJ-448b.

A file search to identify previous cultural resources projects, known cultural resources sites and paleontological localities near the project area was conducted by the authors on July 6, 1994 at the Bureau of Land Management, Vernal District Office. An additional file search was conducted by Reba Morgan on July 7, 1994, at the Division of State History, Utah State Historical Society, Salt Lake City.

More than 45 previous cultural resources projects have been conducted in the area of the present project. Due to the large number of projects in the area, the district archaeologist does not want all of individual project descriptions listed. 11 cultural resources sites, including both project related sites and individual sites, and three paleontological sites have been previously recorded in the vicinity of the current project area. Following is a brief description of each of these sites:

Site 42Dc255. This site, located on the west side of a small wash 1/8 mile east of Castle peak, consists of four dry laid, rough stone walls with an associated sandstone overhang. This site has not been evaluated for eligibility to the NRHP.

Site 42Dc293. This site, located on the south side of a draw 3/4 mile NE of Castle Peak, consists of several petroglyphs including two anthropomorphs, mountain sheep, a deer, and several figures with radiating lines. The petroglyphs are believed to be Fremont. This site has not been evaluated for eligibility to the NRHP.

Site 42Dc350. This site, located in shallow dunes along the south side of Castle Peak Draw approximately 1.5 miles W-NW of Castle Peak, consists of a sparse lithic scatter. This site has not been evaluated for eligibility to the NRHP.

Site 42Dc353. This site, located in desert pavement surfaces on top of an east-west ridge north of Castle Peak Draw, consists of a lithic scatter and temporary campsite. This site was recommended eligible to the NRHP.

Site 42Dc404. This site, located on the north side of a small draw approximately 1/2 mile north of Castle Peak, consists of a historic trash scatter. This site was recommended NOT eligible to the NRHP.

Site 42Dc423. This site, located on the east side of a small draw approximately 3/4 mile SW of Castle Peak, consists of a single, isolated, sandstone slab-lined hearth of unknown age. This site was recommended NOT eligible to the NRHP.

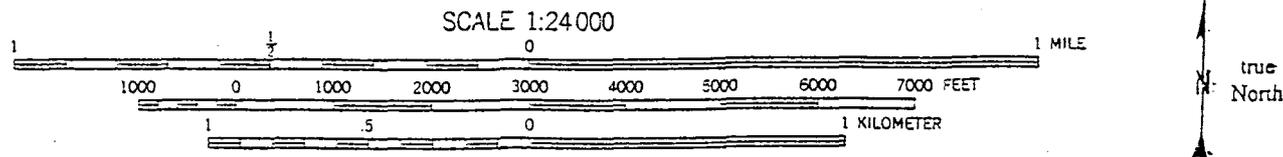
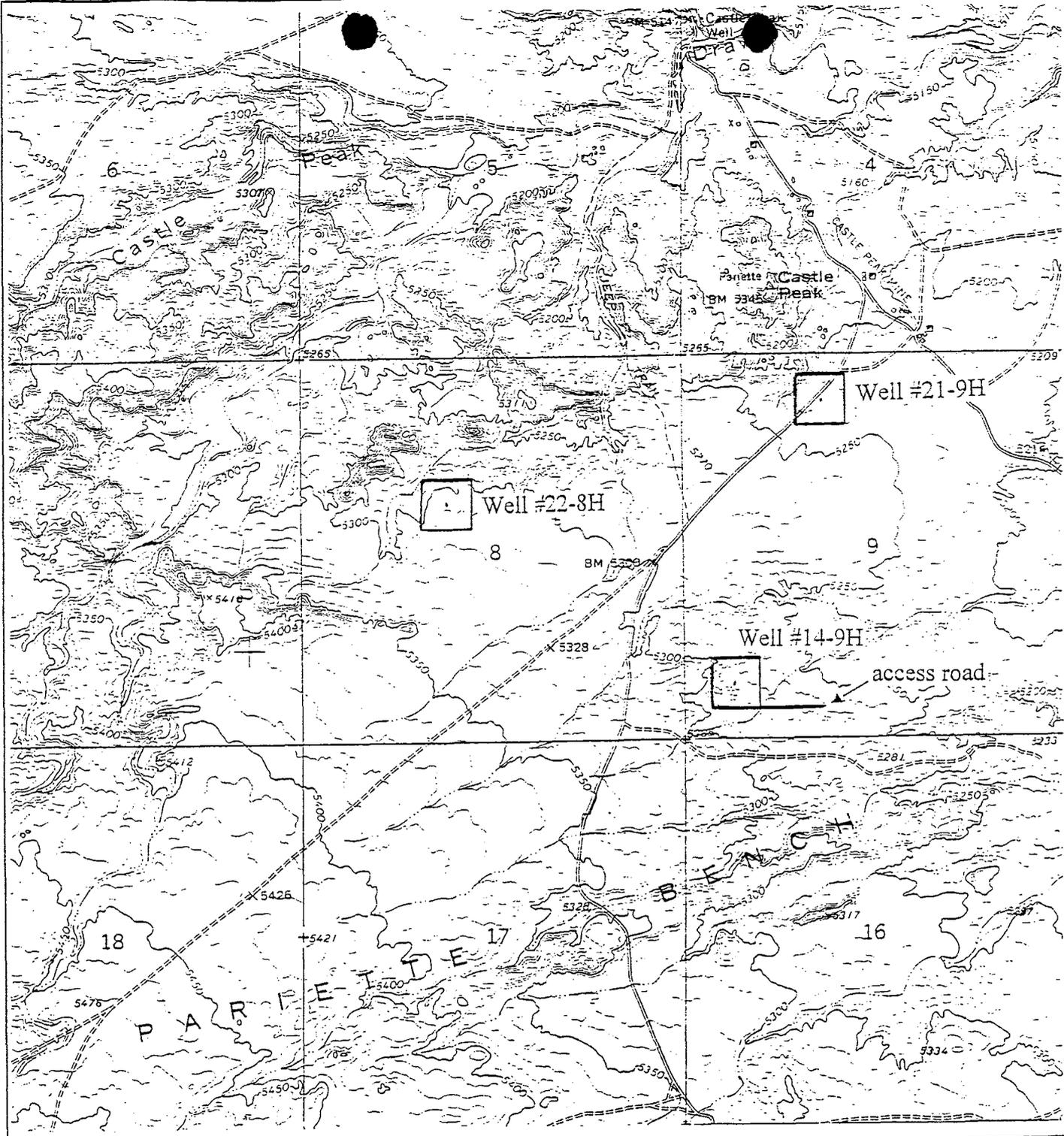


Figure 1. Location of areas surveyed for the PG&E Pariette Bench 3 Wells project. Taken from: USGS 7.5' Quadrangle Myton SE, Utah (1964).

Site 42Dc424. This site, located on the south side of a draw approximately one mile SW of Castle Peak, consists of one Pinto type projectile point, one large biface fragment, and five to ten flakes. This site was recommended NOT eligible to the NRHP.

Site 42Dc425. This site, located near the base of a low dune formation south of a small wash 1½ miles SW of Castle Peak, consists of a sparse lithic scatter. This site was recommended NOT eligible to the NRHP.

Site 42DC765. This site, located in the exposed bedrock ledges north of Pariette Bench, consists of a lithic scatter/rock shelter with an associated historic camp/trash scatter. This site was recommended eligible to the NRHP.

Site 42Dc766. This site, located on the top of a low dune in a tributary wash just south of Castle Peak Draw, consists of a sparse scatter of secondary flakes. This site was recommended eligible to the NRHP.

Site 42Dc784. This site, located on a terrace overlooking a stream bed north of Pariette Bench, consists of a lithic scatter comprised of 30+ flakes in all stages of tool manufacturing. This site was recommended eligible to the NRHP.

Site 42Dc010V. This site, located on a small bench along the southeast side of the two small pinnacles which lie just west of Castle Peak, consists of two small mammalian mandibles, one small cranium fragment, and a few unidentified fragments. This site has been evaluated as an important paleontological find.

Site 42Dc011V. This site, located on a flat bench south of Castle Peak Draw, consists of a sparse scatter of small vertebrate fragments. This site has been evaluated as insignificant.

Site 42Dc012V. This site, located in a tributary drainage just north of Castle Peak Draw, consists of a sparse scattering of small vertebrate fragments. This site has been evaluated as insignificant.

The NRHP was consulted prior to the commencement of fieldwork for the present project. No listed NRHP sites were found located in the vicinity of the current project area.

ENVIRONMENT

The project area lies south of Myton and north of Pariette Bench on a bench that is cut by ephemeral drainages. The elevation of the area ranges from approximately 5230 to 5310 feet a.s.l. Sediments consist of light brown to buff sand and sandy silts with little or no gravel content. Vegetation in the survey area consists of shadscale community species and covers approximately 20 percent of the area. Noted species include greasewood, horsebrush, rabbitbrush, bunchgrass, prickly pear cactus, and buckwheat. The vegetation in the surrounding area includes shadscale species, and riparian growth such as willow and other riparian species growing along the banks of Pariette Draw. The nearest permanent water source is Pariette Draw which lies between eight and nine miles to the northwest of the various well pads. Natural disturbance in the area is primarily in the form of aeolian movement of sand and some water erosion. Cultural disturbance includes agricultural use, grazing of livestock and a number of graded oil field roads which are present throughout much of the project area.

METHODOLOGY

The survey area covered during this project consists of three 10 acre parcels of land centered on proposed well heads and one access road corridor connecting one of the three well locations to pre-existing access roads. The well pads were inventoried by the authors walking parallel transects spaced no more than 15 meters apart. The access road, which is 1000 feet in length, was walked in two parallel transects spaced 10 meters apart to cover a corridor width of 100 feet (30 meters). The areas surveyed during this project (including both well pads and the access road) totaled 32.30 acres.

RESULTS

Two cultural resource isolated finds and one paleontological isolated find were recorded during this survey. IF-1 is a violet bottle base with two associated bottle body fragments. The base has the number "3" on the center and measures 1½" wide and 3¼" long. It appears to have been an oval liquor bottle. IF-2 is a corner notched projectile point. The material is a milky white quartzite with pink-orange speckles through it. The tip and the base are missing. The point measures 2.5 cm wide by 2.5 cm long and is 0.5 cm thick. All measurements are at widest points.

The paleontological isolated find consists of what appears to be shell fragments from a single turtle shell weathering out of the bottom of a low ridge. There are 15-20 fragments of highly weathered, tan shell fragments scattered over a 20 meters E-W by 10 meters N-S. The fragments lack integrity of location and association.

RECOMMENDATIONS

Two cultural resource isolated finds and one paleontological find were recorded in the project area. All of these finds are considered to be non-significant to the archaeological and paleontological record. Therefore it is recommended that the proposed project proceed as planned.

This investigation was conducted with techniques which are considered to be adequate for evaluating cultural and paleontological resources which could be adversely affected by the project. However, should such resources be discovered during construction, a report should be made immediately to the BLM District Archaeologist, Vernal District Office, Vernal, Utah.

UINTAH BASIN DISTRICT HEALTH DEPARTMENT

Reply To:

Uintah County Courthouse, Rm 20, Vernal, UT 84078 - (801) 781-0770
Duchesne County Courthouse, Box 210, Duchesne, UT 84021 - (801) 738-5370
Daggett County Courthouse, Box 156, Manila, UT 84046 - (801) 784-3494
Roosevelt Branch Office, 57 No. 100 East (83-7), Roosevelt, UT 84066 - (801) 722-5085

Joseph B. Shaffer, M.A.
Director
Health Officer
Lorraine Wilson, R.N.
Nursing Supervisor
Lowell Card, R.S.
Environmental Health
Supervisor
Carma Preece
Office Manager

**UINTAH BASIN DISTRICT
HEALTH DEPARTMENT**

Wastewater Permit Application
for Drilling Sites

FOR DEPARTMENT USE ONLY

Permit #: _____
Fee (\$55.00) received _____
Approved: _____
Date: _____

Board of Health Members
LaRae Sadlier
Thomas Howells
Alton Moon
William Durant, M.D.
Keith Goodspeed
Ellen Rawlings
Neal Domgaard
Richard Jolley, D.D.S.

DRILLING COMPANY Nabors Drilling U.S.A. RESPONSIBLE PARTY Larry Larson
ADDRESS 2801 Youngfield St., #178, Golden, CO PHONE NUMBER 303/234-1444
DRILLING FOR PG & E Resources Company
SITE LOCATION Federal #14-9H, SW SW Sec. 9, T9S - R17E, Duchesne County

APPROXIMATE DATES 7/30/94 TO 12/30/94

SERVICES: POTABLE WATER [X] YES [] NO, SUPPLIER Rocket Sanitation
CHEMICAL TOILETS [X] YES [] NO, SUPPLIER Rocket Sanitation
LIVING OR OFFICE UNITS: BUNKHOUSES 0
MOBILE HOMES 3
REC. VEHICLES 1

TOTAL UNITS 4
TOTAL PERSONNEL AT SITE Approx. 8

WASTEWATER DISPOSAL PROPOSED:

X HOLDING TANK AND SCAVENGER PUMPING SERVICE If this system is used, indicate the licensed scavenger employed Rocket Sanitation

_____ SEPTIC TANK AND ABSORPTION SYSTEM If this system is proposed, please supply the following information:

1. A soil log prepared by a certified engineer or sanitarian using the unified soil classification system at least four feet below the intended absorption system depth.
2. Indicate the type of absorption system intended
[] Absorption field
[] Seepage trench
[] Seepage pit
[] Absorption bed

_____ OTHER Describe proposal in detail on an attached sheet.

In the space below provide a sketch or drawing of the site indicating:

1. Location of water supply and plumbing
2. Location of living units, offices etc.
3. Proposed wastewater system layout including septic tank or holding tank and absorption system if any.

See rig layouts and topographic maps attached.

MINIMUM STANDARDS FOR DAMS IMPOUNDING UNDER 10 AC. FT.

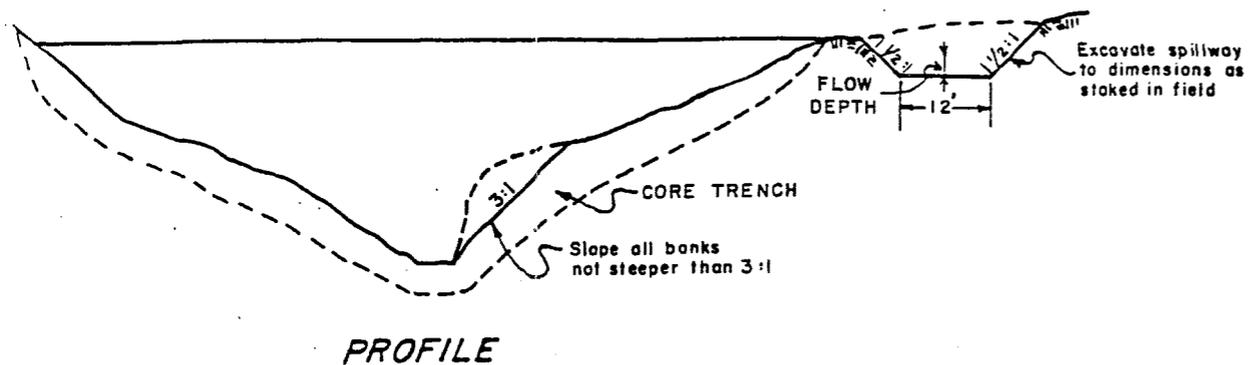
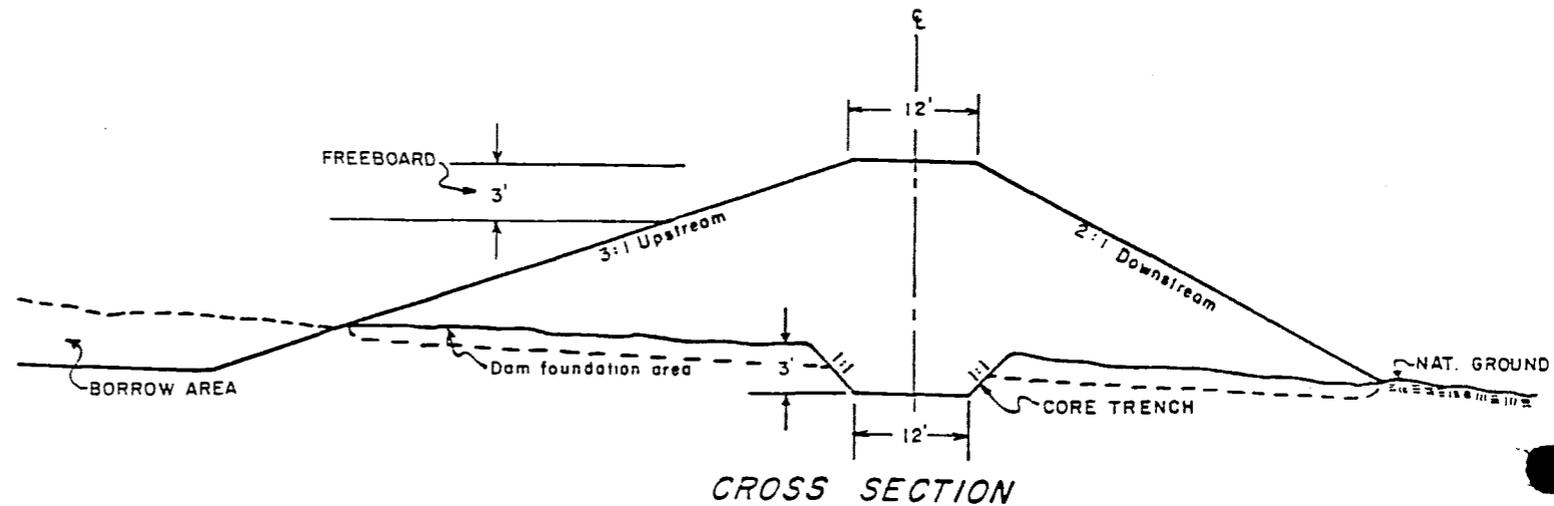
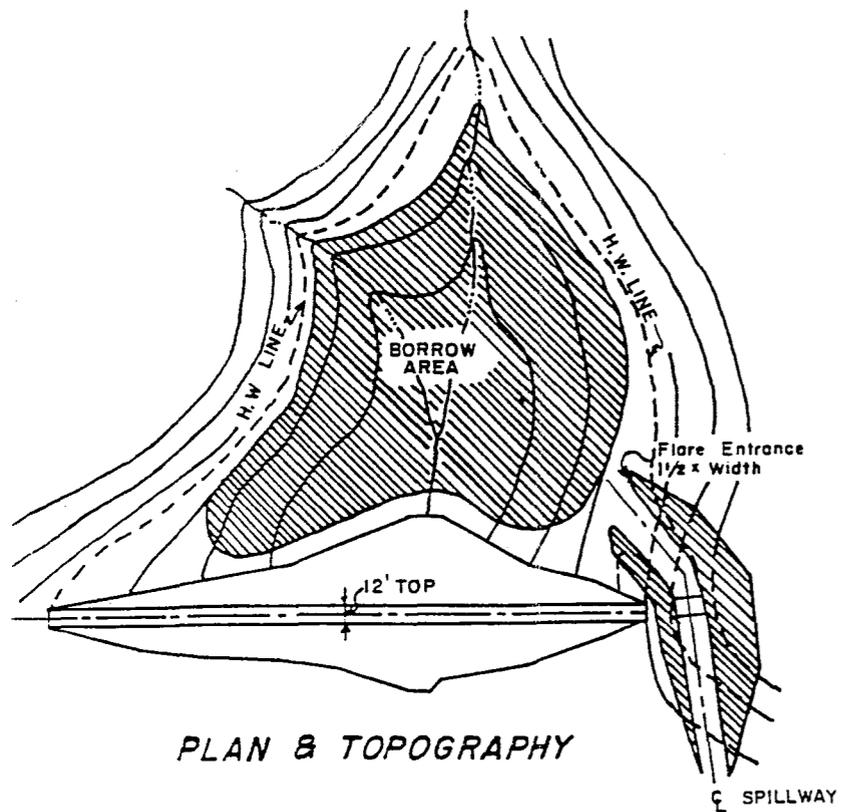
- I. Site Location and Design
 - A. Authorized BLM personnel shall approve site location, fill material, foundation material, and spillway size and location.
 - B. Construction shall be per attached diagram.

- II. Borrow Areas
 - A. Borrow material shall be taken from within the reservoir basin below high water line whenever possible.
 - B. Vegetation, debris and topsoil shall be removed to a depth of 12 inches below natural ground line and deposited as directed.
 - C. Vegetation, debris and topsoil shall be stockpiled to be used as cover for borrow areas above the high water line or spread on downstream side of dam.
 - D. Borrow areas above the high water line shall be contoured to blend into natural ground lines.

- III. Core Trench and Dam Foundation
 - A. A core trench shall be constructed 12 feet wide along the full length of the dam center line to a minimum depth of 3 feet or bedrock.
 - B. Sides of the core trench shall be no steeper than 1:1 slope.

- IV. Dam and Core Fill
 - A. Fill shall be homogeneous material, preferably of high impervious, compactable soils (such as high clay content soil free of organic material, sand or rock).
 - B. Lifts of fill shall not exceed 6 inches when compacted.
 - C. Fill shall be built up at a consistent rate the full length of the dam.
 - D. Lifts shall be compacted by at least one pass of the crawler tractor over the entire width of the lift.
 - E. Downstream side of the dam shall be no steeper than 2:1 slope. Upstream side of the dam shall be no steeper than 3:1 slope.
 - F. Top of the dam shall be a minimum of 12 feet wide.
 - G. Maximum water depth against the dam shall be 10 feet when constructed with a crawler tractor.

- V. Spillway
 - A. Spillway shall be constructed through natural material.
 - B. Spillway shall be constructed to divert overflow away from fill material or natural material that is an integral part of the dam.
 - C. Incorporate in-place rock or hauled-in rock in spillway and at discharge point below spillway to prevent "down cutting" and "blowout" holes, when possible.
 - D. Construct spillway so there is a minimum of 3 feet of freeboard on the dam.



U. S. DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT	
RETENTION DAM TYPICAL PLAN & SECTION	
DESIGNED _____	RECOMM. _____
DRAWN _____	RECOMM. _____ CHIEF, DIV. OF ENG.
CHECKED _____	APPROVED _____
SCALE NOT TO SCALE	
DATE _____	SHEET <u> </u> OF <u> </u>
DRAWING NO. _____	

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 07/18/94

API NO. ASSIGNED: 43-013-31459

WELL NAME: FEDERAL 14-9H
OPERATOR: PG & E RESOURCES CO. (N0595)

PROPOSED LOCATION:
SWSW 09 - T09S - R17E
SURFACE: 0768-FWL-0739-FSL
BOTTOM: 0768-FWL-0739-FSL
DUCHESNE COUNTY
MONUMENT BUTTE FIELD (105)

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

LEASE TYPE: FED
LEASE NUMBER: U - 50750

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

Y Plat
Y Bond: Federal [] State [] Fee []
(Number 4-187011)

N Potash (Y/N)
N Oil shale (Y/N)
Y Water permit
(Number 47-1437)

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

LOCATION AND SITING:

___ R649-2-3. Unit: _____

R649-3-2. General.

___ R649-3-3. Exception.

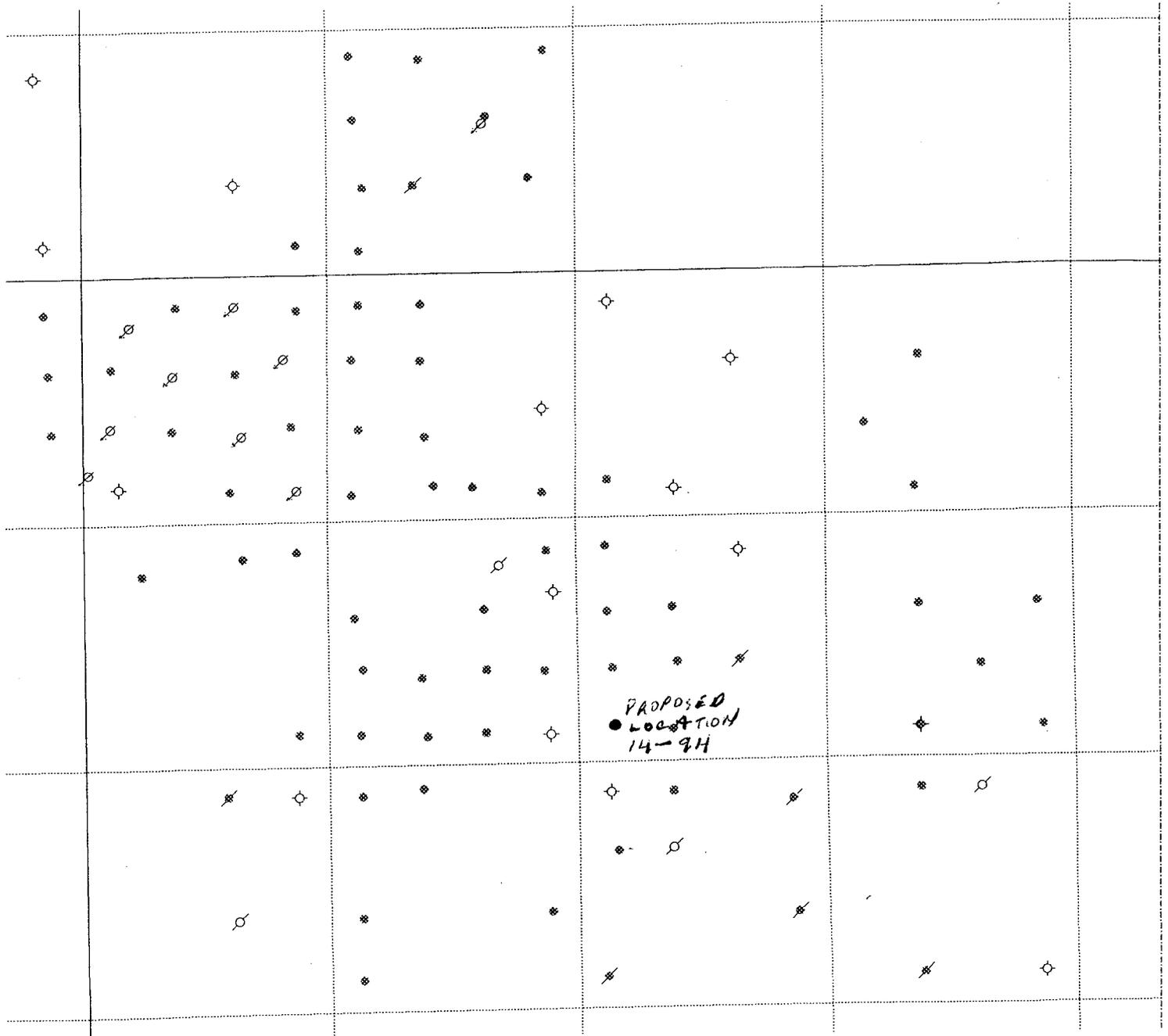
___ Drilling Unit.
Board Cause no: _____
Date: _____

COMMENTS: _____

CONFIDENTIAL
PERIOD
EXPIRED
ON 10-5-95

STIPULATIONS: _____

MONUMENT BUTTE LOCATIONS FOR FEDERAL 21-8H, 22-8H, 14-9H, & 21-9H



STATE OF UTAH

Operator: PG & E RESOURCES CO.	Well Name: FEDERAL 14-9H
Project ID: 43-013-31459	Location: SEC. 09 - T09S - R17E

Design Parameters:

Mud weight (8.60 ppg) : 0.447 psi/ft
 Shut in surface pressure : 2353 psi
 Internal gradient (burst) : 0.058 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using buoyed weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Other : 1.50 (J)
 Body Yield : 1.50 (B)

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost		
1	6,050	5.500	17.00	J-55	LT&C	6,050	4.767		
	Collapse Load (psi)	Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	2703	4910	1.817	2703	5320	1.97	89.33	247	2.77 J

Prepared by : FRM, Salt Lake City, UT
 Date : 09-08-1994
 Remarks :

Minimum segment length for the 6,050 foot well is 1,000 feet.
 SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas temperature of 104°F (Surface 74°F , BHT 134°F & temp. gradient 1.000°/100 ft.)
 The mud gradient and bottom hole pressures (for burst) are 0.447 psi/ft and 2,703 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guide-line, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1987 pricing model. (Version 1.06)

PG&E RESOURCES

FEDERAL #14-9H

43-013-31459

sec 9, T9S, R17E

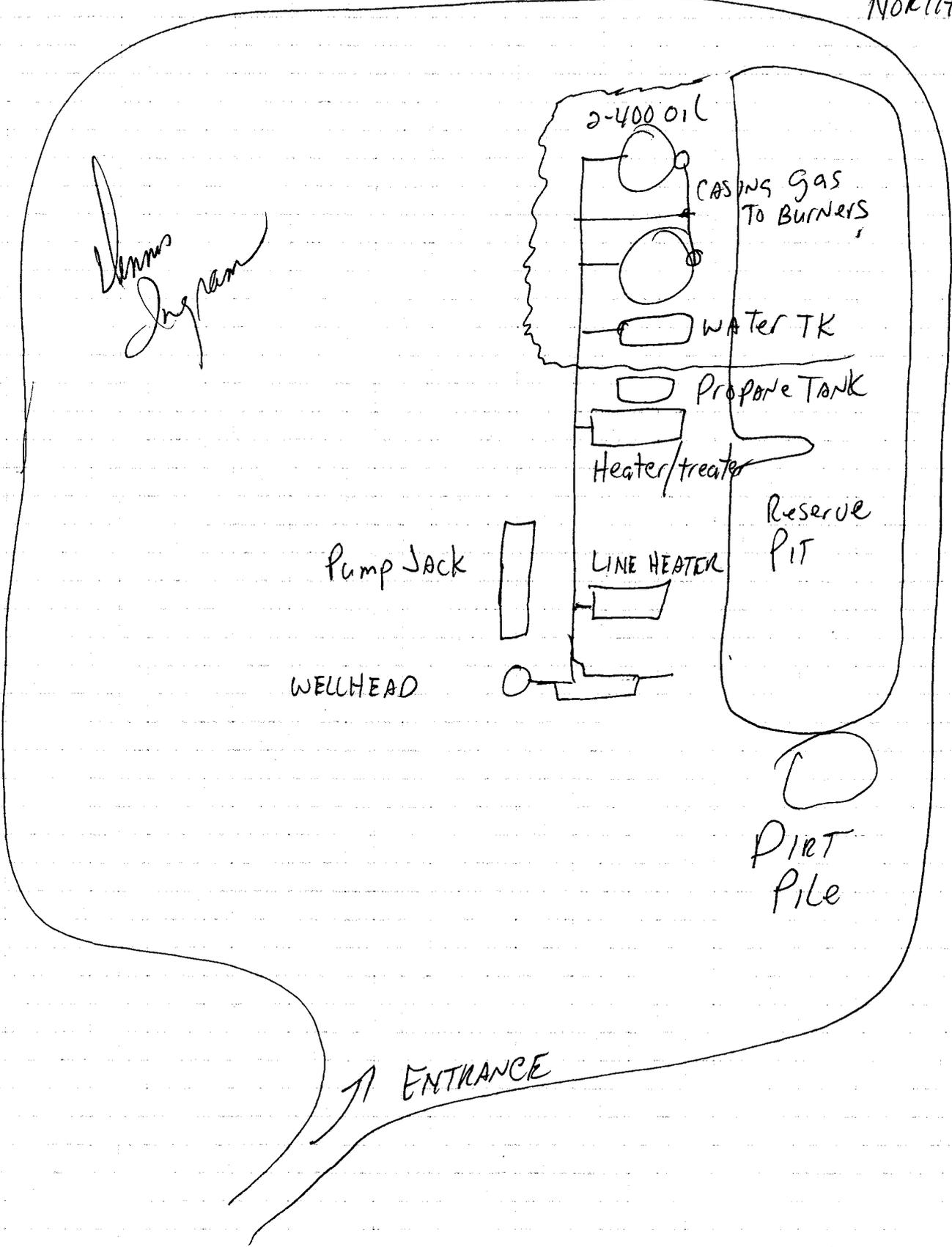
U-50750

POW

11/30/94

NORTH ↑

James Ingram



MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

UTAH ACCOUNT NUMBER: N0595

PRODUCTION DEPT
 PG&E RESOURCES COMPANY
 6688 N CENTRAL EXP #1000
 DALLAS TX 75206-3922

REPORT PERIOD (MONTH/YEAR): 8 / 94

AMENDED REPORT (Highlight Changes)

Well Name API Number Entity Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ FEDERAL 7-24B 4304732227 11508 09S 19E 24		✓		✓ UTU 68625	(w. willow creek?)	
✓ FEDERAL 15-24B 4304732420 11509 09S 19E 24	GRRV			✓ UTU 68625	(west willow creek unit)	
✓ FEDERAL 5-24B 4304732447 11585 09S 19E 24	GRRV			✓ UTU 68625	(west willow creek unit)	
✓ Blue Diamond 13-13B 4304732457 99999 9S 19E 13	Oil	✓		✓ FEE	* 10-6-94 Bond updated. (w. willow creek?)	
✓ State 15-14B 4304732450 99999 9S 19E 24	"			✓ ML 45243	(w. willow creek)	
✓ Federal 7-19B 4304732479 11652 9S 19E 19	"			✓ UTU 65218		
✓ Federal 2-19 4304732477 99999 9S 19E 19	"			✓ U 65218		
✓ State 31-32 4304732500 11645 8S 18E 32	GRRV			✓ ML 22058		
✓ Federal 41-29 4304732425 11646 9S 18E 29	GRRV			✓ U 19267		
✓ Federal 13-20 4301331445 99999 9S 17E 20	"			✓ U 13905	(Rec'd 10-21-94)	
✓ Federal 44-18 4304732498 99999 9S 19E 18	"			✓ U 16544		
✓ Federal 22-8H 4301331457 11675 9S 17E 8	"			✓ U 10760	"	
✓ Federal 21-9H 4301331459 11677 9S 17E 9	"			✓ U 50750		
✓ Federal 21-9H 4301331458 11676 9S 17E 9	"			TOTALS ✓ U 50750		
✓ Federal 21-8H 4301331460 99999 9S 17E 8	"			✓ U 10760		
✓ State 42-32 4304732473 99999 8S 18E 32	"			✓ ML 22058		
COMMENTS: ✓ Federal 23-29 4304732556 99999 9S 18E 29	"			✓ U 19267		

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

Name and Signature: _____ Telephone Number: _____



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

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

September 8, 1994

PG & E Resources Company
6688 N. Central Expressway, Suite 1000
Dallas, Texas 75206

Re: Federal #14-9H Well, 739' FSL, 768' FWL, SW SW, Sec. 9, T. 9 S., R. 17 E.,
Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. R. 649-3-2, Location and Siting of Wells and Utah Admin. R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

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

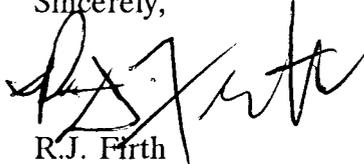
1. Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules.
2. Notification to the Division within 24 hours after drilling operations commence.
3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
4. Submittal of the Report of Water Encountered During Drilling, Form 7.
5. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.
6. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or K. Michael Hebertson, Reclamation Specialist, (Home) (801)269-9212.



Page 2
PG & E Resources Company
Federal #14-9H Well
September 8, 1994

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-013-31459.

Sincerely,

A handwritten signature in black ink, appearing to read "R.J. Firth". The signature is written in a cursive style with a large initial "R" and "F".

R.J. Firth
Associate Director

ldc
Enclosures
cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office
WO11

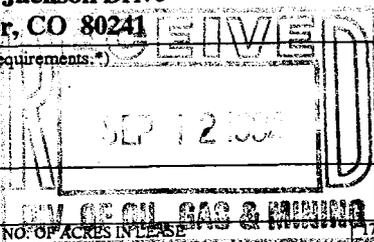
DOGMA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUL 14 1994

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL DEEPEN PLUG BACK
 1b. TYPE OF WELL OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE
 2. NAME OF OPERATOR PG & E Resources Company
 3. ADDRESS OF OPERATOR PERMITCO INC. - Agent
 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At Surface 2027' FNL and 2018' FWL
 At proposed Prod. Zone SE NW Sec. 8, T9S - R17E
 5. LEASE DESIGNATION AND SERIAL NO. U-10760
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
 7. UNIT AGREEMENT NAME N/A
 8. FARM OR LEASE NAME Federal
 9. WELL NO. #22-8H
 10. FIELD AND POOL OR WILDCAT Pleasant Valley
 11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA Sec. 8, T9S - R17E
 12. COUNTY OR PARISH Duchesne
 13. STATE Utah
 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 22.4 miles southeast of Myton, Utah
 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) Approx. 1000'
 16. NO. OF ACRES IN LEASE 760
 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. None
 19. PROPOSED DEPTH 6100'
 20. ROTARY OR CABLE TOOLS Rotary
 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5308' GR
 22. APPROX. DATE WORK WILL START* July 22, 1994



23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	350'	110 cubic feet, circ to surface.
7-7/8"	5-1/2"	17#	6,100'	1000 cubic feet or suffic. to cover zones of interest.

PG & E Resources Company proposes to drill a well to 6100' to test the Green River formation. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements.

See Onshore Order No. 1 attached.

CONFIDENTIAL - TIGHT HOLE

Please be advised that PG & E Resources Company is considered to be the Operator of the above mentioned well. PG & E Resources Company agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No. U-187011. The principal is PG & E Resources Company via surety consent as provided for in 43 CFR 3104.2.

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

24. SIGNED *[Signature]* CONSULTANT FOR: PG & E Resources Co. TITLE DATE 07/13/94

PERMIT NO. NOTICE OF APPROVAL APPROVAL DATE 42-012-31457

APPROVED BY *[Signature]* TITLE ASSISTANT DISTRICT MANAGER MINERALS DATE SEP 1 1994

cc: Utah Division of Oil, Gas & Mining

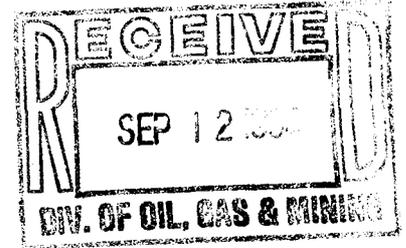
*See Instructions On Reverse Side

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

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

17080-4m-128

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL



Company/Operator: PG & E RESOURCES COMPANY

Well Name & Number: FEDERAL 22-8H

API Number: 43-013-31457

Lease Number: U-10760

Location: SENW Sec. 08 T. 9S R. 17E

NOTIFICATION REQUIREMENTS

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

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

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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

A. DRILLING PROGRAM

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

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 3M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

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

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

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

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

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the usable water zone identified at ± 323 ft. or by setting the surface casing at ± 373 ft. and have a cement top for the production casing at least 200 ft. above the Mahogany Oil Shale, identified at ± 2800 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

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

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

5. Coring, Logging and Testing Program

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

A cement bond log (CBL) will be run from the production casing shoe to ± 2600 ft. if the surface casing is set at ± 373 ft. else the CBL will need to be run from the production shoe to surface. The CBL will be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

6. Notifications of Operations

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

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

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

Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

7. Other Information

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

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

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and within 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 Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

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

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

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

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

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

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

Ed Forsman (801) 789-7077
Petroleum Engineer

Wayne Bankert (801) 789-4170
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

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

SURFACE USE PLAN OF OPERATION
Conditions of Approval (COAs)

Source of Construction Material

- 6.a The use of surface soils for construction will be kept to a minimum and will be stockpiled as described in 9.c of this surface use plan.

Plans for Restoration of Surface

- 10.e The seed mixture for reclamation work will be a sight specific mixture as recommended by the authorized officer of the BLM.

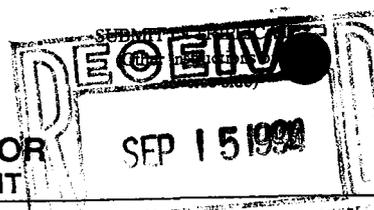
Additional Surface Conditions of Approval

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

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

Wildlife: No surface disturbing activities are allowed between February 15 and August 15 annually to protect Mountain Plover, Golden Eagle, Ferruginous Hawk, and Loggerhead Shrike habitat and reproductive efforts. Adopt the Mountain Plover management recommendations made in the "Wildlife Surveys on the Monument Butte Oil Field" completed in September 1993 by Utah Division of Wildlife Resources for EREC, Balcron Oil Division.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



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
 1b. TYPE OF WELL OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

5. LEASE DESIGNATION AND SERIAL NO. **U-50750**
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME **N/A**
 7. UNIT AGREEMENT NAME **N/A**
 8. FARM OR LEASE NAME **Federal**
 9. WELL NO. **#14-9H**
 10. FIELD AND POOL OR WILDCAT **Pleasant Valley**
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA **Sec. 9, T9S - R17E**
 12. COUNTY OR PARISH **Duchesne** 13. STATE **Utah**

2. NAME OF OPERATOR **PG & E Resources Company**
 3. ADDRESS OF OPERATOR **PERMITCO INC. - Agent**
 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *)
 At Surface **739' FSL and 768' FWL**
 At proposed Prod. Zone **SW SW Sec. 9, T9S - R17E**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* **14.5 miles south of Myton, Utah**
 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) **739'**
 16. NO. OF ACRES IN LEASE **479.26**
 17. NO. OF ACRES ASSIGNED TO THIS WELL **40**
 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. **Approx. 4200'**
 19. PROPOSED DEPTH **6050**
 20. ROTARY OR CABLE TOOLS **Rotary**
 21. ELEVATIONS (Show whether DF, RT, GR, etc.) **5275' GR**
 22. APPROX. DATE WORK WILL START* **August 15, 1994**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	350'	110 cubic feet, circ to surface.
7-7/8"	5-1/2"	17#	6,050'	1000 cubic feet or suffic. to cover zones of interest.

PG & E Resources Company proposes to drill a well to 6050' to test the Green River formation. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements.

See Onshore Order No. 1 attached.

CONFIDENTIAL - TIGHT HOLE

Please be advised that PG & E Resources Company is considered to be the Operator of the above mentioned well. PG & E Resources Company agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No. U-187011. The principal is PG & E Resources Company via surety consent as provided for in 43 CFR 3104.2.

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

24. SIGNED *[Signature]* TITLE **Consultant for: PG & E Resources Co.** DATE **07/15/94**

PERMIT NO. **43-013-31459** APPROVAL DATE **SEP 8 1994**
 APPROVED BY *[Signature]* TITLE **ASSISTANT DISTRICT MANAGER MINERALS**
 CONDITIONS OF APPROVAL, IF ANY: **CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY**

cc: Utah Division of Oil, Gas & Mining

*See Instructions On Reverse Side

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

*Div OG+M
114000-1111-130*

NOTICE OF APPROVAL

JUL 18 1994

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: PG & E RESOURCES COMPANY

Well Name & Number: FEDERAL 14-9H

API Number: 43-013-31459

Lease Number: U-50750

Location: SWSW Sec. 14 T. 9S R. 17E

NOTIFICATION REQUIREMENTS

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

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

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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

A. DRILLING PROGRAM

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

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 3M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

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

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

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

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

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Mahogany Oil Shale, identified at ± 2697 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

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

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

5. Coring, Logging and Testing Program

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

A cement bond log (CBL) will be run from the production casing shoe to ± 2497 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

6. Notifications of Operations

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

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

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

Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

7. Other Information

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

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

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and within 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 Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

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

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

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

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

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

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

Ed Forsman (801) 789-7077
Petroleum Engineer

Wayne Bankert (801) 789-4170
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

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

SURFACE USE PLAN OF OPERATION
Conditions of Approval (COAs)

Plans for Restoration of Surface

10.e The seed mixture for reclamation work will be a sight specific mixture as recommended by the authorized officer of the BLM at the time of reclamation. Seeding will be performed in the fall after September 15 or until permanent ground freeze. Any other seeding period will require the approval of the authorized officer of the BLM.

Additional Surface Conditions of Approval

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

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

Wildlife: No surface disturbing activities are allowed between March 15 and August 15 annually to protect mountain plover habitat and their reproductive efforts. Adopt the mountain plover management recommendations made in the "Wildlife Surveys on the Monument Butte Oil Field" completed in September 1993 by Utah Division of Wildlife Resources for EREC, Balcron Oil Division.

If archaeological or paleontologic resources are found or uncovered during ground disturbing activities, PG&E will suspend all operations that would further disturb such materials and immediately contact the BLM Authorized Officer. Workers for PG&E or their contractors will not collect any paleontologic or archaeological materials.

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

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: PG & E

WELL NAME: FEDERAL 14-9H

API NO. 43-013-31459

Section 9 Township 9S Range 17E County DUCHESNE

Drilling Contractor CIRCLE L

Rig # 18

SPUDDED: Date 9/19/94

Time 8:30 AM

How DRY HOLE

Drilling will commence 9/23/94

Reported by JAKE NEVES

Telephone # 1-828-8346

Date 9/19/94 SIGNED MKH

State of Delaware
Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"PG&E RESOURCES OFFSHORE COMPANY", A DELAWARE CORPORATION, WITH AND INTO "PG&E RESOURCES COMPANY" UNDER THE NAME OF "DALEN RESOURCES OIL & GAS CO.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE NINETEENTH DAY OF SEPTEMBER, A.D. 1994, AT 1:30 O'CLOCK P.M.

A CERTIFIED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS FOR RECORDING.



Handwritten signature of Edward J. Freel in cursive script.

Edward J. Freel, Secretary of State

2261176 8100M

944175519

AUTHENTICATION:

7242629

DATE:

09-19-94

**CERTIFICATE OF OWNERSHIP
AND MERGER**

MERGING

**PG&E Resources Offshore Company
a Delaware corporation**

INTO

**PG&E Resources Company
a Delaware corporation**

**(Pursuant to Section 253 of the General Corporation
Law of the State of Delaware)**

PG&E Resources Company, a corporation duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware ("Resources"), does hereby certify:

FIRST: That Resources and PG&E Resources Offshore Company ("Offshore") are corporations duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware.

SECOND: That Resources owns all of the outstanding shares of the capital stock of Offshore.

THIRD: That the board of directors of Resources adopted the following resolutions by unanimous written consent on September 16, 1994, and that such resolutions have not been rescinded and are in full force and effect on the date hereof:

"RESOLVED, that PG&E Resources Offshore Company, a Delaware corporation ("Offshore"), which is a wholly-owned subsidiary of Resources, merge with and into Resources pursuant to Section 253 of the General Corporation Law of the State of Delaware (the "Merger"), effective as of 9:00 A.M., Wilmington, Delaware time, on October 1, 1994, and that Resources assume all of the obligations of Offshore at such time;

RESOLVED, that upon the effective time of the Merger the name of the surviving corporation shall be changed to "DALEN Resources Oil & Gas Co."; and

RESOLVED, that the President or any Vice President of Resources are hereby authorized and empowered to file with the Secretary of State of the State of Delaware a certificate of ownership and merger to effect the Merger and the name change of the surviving corporation, and the appropriate officers of Resources are hereby authorized to incur the necessary expenses therefor 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 Resources, 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 Resources (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)."

FOURTH: This Certificate shall not be effective upon its filing date, but shall become effective at 9:00 A.M., Wilmington, Delaware time, on October 1, 1994 (the "Effective Date").

FIFTH: Upon the Effective Date, the name of the surviving corporation shall be changed to "DAI.FN Resources Oil & Gas Co."

IT WITNESS WHEREOF, Resources has caused this Certificate to be signed by its duly authorized officer this 19th day of September 1994.

PG&E RESOURCES COMPANY

By Joseph T. Williams
Name: Joseph T. Williams
Title: President

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

PG&E Resources Company

3. Address and Telephone No.

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

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

739' FSL & 768' FWL
SW/4 SW/4 Section 9, T9S-R17E

5. Lease Designation and Serial No.

U-50750

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Federal 14-9H

9. API Well No.

43-013-31459

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne County, Utah

CONFIDENTIAL

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input 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>Spud & Set Surf. Csg.</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.)*

PG&E Resources Company spud the Federal 14-9H on 09/25/94. 9-5/8" surface casing was run & set @355'. It was cemented with 200sx Class G as shown on the attached daily drilling report.

OCT 3 1994

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

Signed Cindy B. Deister Title Supervisor Regulatory Compliance Date 09/30/1994

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

OPERATOR PG&E Resources Company
 ADDRESS 6688 N. Central Expwy., Suite 1000
Dallas, TX 75206

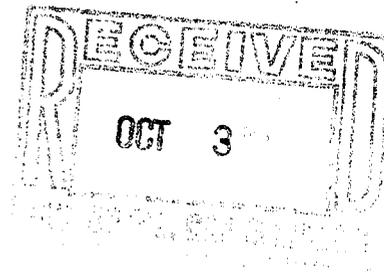
OPERATOR ACCT. NO. H 0595

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				SPUD DATE	EFFECTIVE DATE	
					QQ	SC	TP	RG			COUNTY
A	99999	11675	43-013-31457	Federal 22-8H	NW	8	9S	17E	Duchesne	09/13/94	
WELL 1 COMMENTS: <i>Entities added 10-5-94. J lee</i>											
A	99999	11676	43-013-31458	Federal 21-9H	NW	9	9S	17E	Duchesne	09/28/94	
WELL 2 COMMENTS:											
A	99999	11677	43-013-31459	Federal 14-9H	SW	9	9S	17E	Duchesne	09/25/94	
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

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

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

(3/89)



Cindy B. Feister
 Signature
 Supervisor
 Regulatory Compliance Date 09/30/94
 Phone No. (214) 706-3640

DALEN Resources
Oil & Gas Co.



October 5, 1994

OCT 11 1994

Lisha Romero
State Oil & Gas Office
3 Triad Center
Salt Lake City, Utah 84180-1203

Re: Company Name Change

Dear Ms. Romero:

PG&E Resources Company changed its name to DALEN Resources Oil & Gas Co. We are requesting a blanket change for all of PG&E Resources Company's properties to:

DALEN Resources Oil & Gas Co.
6688 N. Central Expressway, Suite 1000
Dallas, Texas 75206-3922

This change is effective October 1, 1994 for all records and reports filed in all districts throughout the state of Utah. I have included a listing of our Utah properties.

Also enclosed is a copy of the Certificate of the Secretary of State of Delaware regarding the name change to DALEN Resources Oil & Gas Co.

If you have any questions regarding this matter, please contact me at (214) 706-3678.

Sincerely,

A handwritten signature in cursive script that reads "Jim Johnson".

Jim Johnson
Regulatory Analyst

JJ/sw
Enclosures

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

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS **20199**

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

DALEN Resources Oil & Gas Co.

3. Address and Telephone No.

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

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

739' FSL & 768' FWL
SW/4 SW/4 Section 9, T9S-R17E

5. Lease Designation and Serial No.

U-50750

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Federal 14-9H

9. API Well No.

43-013-31459

10. Field and Pool, or Exploratory Area

Pleasant Valley

11. County or Parish, State

Duchesne County, Utah

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

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

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

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

PG&E Resources Company changed its name to DALEN Resources Oil & Gas Co. effective 10/1/94.

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

Signed Jim Johnson Title Regulatory Analyst Date 10/11/1994

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

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

PG&E Resources Company

3. Address and Telephone No.

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

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

739' FSL & 768' FWL
SW/4 SW/4 Section 9, T9S-R17E

5. Lease Designation and Serial No.

U-50750

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Federal 14-9H

9. API Well No.

43-013-31459

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne County, Utah

CONFIDENTIAL

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>Daily Drilling Reports</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.)*

See attached daily drilling history.

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

Signed

Candy B. Reister

Title

Supervisor Regulatory Compliance

Date

10/06/1994

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

WELL HISTORY

Federal 14-9H
Pleasant Valley Prospect
Duchesne County, Utah
(DALEN Resources Operated)

- 09-25-94 Spud well with Bill Jr's Rathole, drill to 355'. Run 357' 9-5/8", K-55, ST&C csg, cmt with 200 sx Class G mixed at 15.8 ppg with 1.18 yield.
- 09-26-94 Drill rat & mouse hole, dig cellar & weld on 11" 3M x 9-5/8" starting head. Test to 950 psi. Start MI rig today.
- 09-27-94 Drilling 450', day 1, 137¼ hrs, MW 8.3, Visc 26. Fin MI rig, test BOPE to 3000 psi & hydril to 1500 psi. PU 7-7/8" bit & DC, TIH to cmt at 310'. Drill cmt, float equip to 369' & form to 450'. Survey ¼° at 393'.
- 09-28-94 Drilling 1710', day 2, 1260'/22½ hrs, MW 8.3, Visc 26. Drill & survey. Survey ½° at 1382'.
- 09-29-94 Drilling 2820', day 3, 1110'/22½ hrs, MW 8.3, Visc 26. Drill & survey. Survey 2½° at 2387'.
- 09-30-94 Drilling 3550', day 4, 730'/22 hrs, MW 8.3, Visc 26. Drill & survey. Survey 2½° at 3284'.
- 10-01-94 Drilling 4125', day 5, 575'/18½ hrs, MW 8.3, Visc 26. Drill, trip for new bit at 3764'. Survey & drill ahead. Survey 1¾° at 3483'.
- 10-02-94 Drilling 4680', day 6, 444'/18½ hrs, MW 8.3, Visc 26. TFHIDP (92nd jt). Survey & drill ahead. Survey 1° at 4353'.
- 10-03-94 Drilling 5404', day 7, 725'/22½ hrs, MW 8.3, Visc 26. Drill & survey. Survey 2° at 5302'.
- 10-04-94 Drilling 5985', day 8, 580'/20 hrs, MW 8.3, Visc 26. Trip for washout (91 jts down).
- 10-05-94 LD DP, TD 6060', day 9, 650'/3 hrs, MW 8.4, Visc 26. Drill to TD, circ for logs, POOH. RU Hallib, run Dual Lateralog, Spectral Density GR. TIH, circ to run csg & POOH LD DP.
- 10-06-94 Release rig, day 10. Fin LD DP. RU & run 140 jts 5½", 17#, L-80, BTC csg & cmt with 390 sx HiLift + .25#/sk Cellophane at 11.0 ppg with 1.61 yield. Displace with 2% KCl wtr, bump plug with 2300 psi, good returns until flush to surf then lost returns. Set slips with 90,000 lbs, clean pits & **RR at 8:00pm 10-5.**

DALEN Resources
Oil & Gas Co.



October 18, 1994

Lisha Cordova
Division of Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Re: Company Name Change

Dear Lisha:

In reference to our telephone conversation on October 17, I have enclosed copies of the following Sundry notices you requested.

Federal #13-20	Duchesne Co., Utah
Federal #22-8H	Duchesne Co., Utah
Federal #14-9H	Duchesne Co., Utah
Federal #21-8H	Duchesne Co., Utah
Federal #21-9H	Duchesne Co., Utah
Federal #42-32	Unitah Co., Utah
✓ Federal #32-31	Unitah Co., Utah

If you have any questions or need additional information, please contact me at (214) 706-3678.

Sincerely,

A handwritten signature in cursive script that reads "Jim Johnson".

Jim Johnson
Regulatory Analyst

JJ/sw
Enclosure

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

5. Lease Designation and Serial No.
U-50750

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
Federal 14-9H

9. API Well No.
43-013-31459

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State
Duchesne County, Utah

SUBMIT IN TRIPLICATE

CONFIDENTIAL

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
PG&E Resources Company

3. Address and Telephone No.
6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

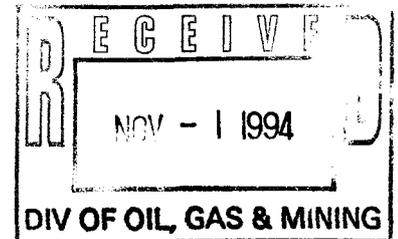
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)
739' FSL & 768' FWL
SW/4 SW/4 Section 9, T9S-R17E

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input 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>Completion History</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.)*

See attached daily completion reports.



14. I hereby certify that the foregoing is true and correct
 Signed Cindy S. Foster Title Supervisor Regulatory Compliance Date 10/28/1994

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
 Conditions of approval, if any:

CC: Utah DOGM

WELL HISTORY

Federal 14-9H
Pleasant Valley Prospect
Duchesne County, Utah
(DALEN Resources Operated)

- 10-14-94 Install double 5000# BOP's, pressure test blind rams to 2500 psi - ok. Install Stinger csg saver and pressure test 5-1/2" csg to 5000 psi - ok. SDFN.
- 10-15-94 Prep to frac; filling frac tanks w/3% filtered KCL water - S/D filling tanks due to extremely muddy location.
- 10-16-94 Schlumberger ran 4.675" gauge ring w/JB to 5481'. Ran CBL w/GR and CL from PBTD 5781' to 400'; (top cement 550') w/1000 psi on csg; correlated CBL dated 10-04-94. Perforated F(2) sand 5380'/96', 2 S/F total 34 holes using 4" csg HC gun, .4" diam hole, 22 GM CHG, 20" Berea, 90° phasing. All shots fired. Hole full of fluid, stayed static after perforating. SDFN.
- 10-17-94 MI frac master & sand, will gel in morn & frac tomorrow afternoon.
- 10-18-94 Frac #1 perf 5380-96', acidize down 5 1/2" csg with 1000 gal 7 1/2% HCl acid with iron seq, surfactant, silt suspension agent & 50 7/8" ball sealers, form broke at 3500 psi. Treat at 12.7 BPM with 1150 psi, ball off at 5500 psi with 300 gal acid left. Surge off & wait 30 min. Frac same down csg with 20,000 gal 35# XL borate gel & 24,000 lbs 16/30 Ottawa sand, tail in with 12,000 lbs 16/30 Sandtrol RC sand, ISIP 1300 psi. Pump a total of 766 bbl frac fluid, max 2700 psi, avg 1800 psi, max 42 BPM, avg 40 BPM. Force close with 60 bbl at 1 BPM with 1100 psi CP. Flow well for clean up, rec'd 180 bbl, SDFN.
- 10-19-94 Set WL RBP at 5300', test to 2500 psi, no bleed off. Dump 2 sx sand with bailer & perf "E" Sand 5072-5252' with 46 holes per Spectral Density Dual Spaced Neutron dated 10-4-94, hole stayed static. Treat "E" Sand perfs down 5 1/2" csg with 2000 gal 7 1/2% HCl acid with inhib & 70 7/8" ball sealers, form broke at 3350 psi. Treat at 11 BPM with 2980 psi, good ball action, ball off at 5350 psi. Surge balls off, wait 30 min, begin frac. Frac down csg with 20,000 gal 35# XL borate gel + 24,000 lbs 16/30 Ottawa sand & tail in with 12,000 lbs 16/30 Santrol RC sand, ISIP 3820 psi, pump 766 BF total. Had avg 3800 psi, max 43.3 BPM, avg 40 BPM. Force close with 60 bbl at 1 BPM with 1600 psi. Flow well for clean up, rec'd 325 bbl with very strong sand recovery with BU & continued with strong sand show for 90 bbl slowly decreasing to trace with well flowing at 26 BPH & 0 psi wellhead press. Flow back 4 hrs, SDFN.

WELL HISTORY

Federal 14-9H
Pleasant Valley Prospect
Duchesne County, Utah
(DALEN Resources Operated)

- 10-20-94 Set WL RBP at 5005', test to 2500 psi, no bleed off. Dump 2 sx sand with bailer, perf "E" Sand 4930-43' with 1 SPF & 4966-69' with 2 SPF correlated with SD/DSN dated 10-4-94, 22 holes total, all shots fired, hole full, stayed static. RU Western, treat above perms down 5½" csg with 1000 gal 7½% HCl acid with inhib & 35 7/8" ball sealers, form broke at 4490 psi. Treat at 11.7 BPM at 1950 psi, good ball action, ball off at 5000 psi with 200 gal acid left in csg. Surge off, wait 30 min, start frac. Frac with 20,000 gal 35# XL borate gel & 24,000 lbs 16/30 Ottawa sand, tail in with 12,000 lbs 16/30 Sandtrol RC sand down 5½" csg, ISIP 2000 psi. Pump 766 BLW total, max 2850 psi, avg 2450 psi, max 41 BPM, avg 40 BPM. Force close with 60 bbl at 1 BPH with 1600 psi CP. Con't to flow well for clean up, rec'd btm up with some sand.
- 10-21-94 Set WL RBP at 4850' & test to 2500 psi(ok). Dump 2 sx sand with bailer, perf DC Sand (5) 4666-73' & 4693-96' with 2 SPF correlated with SD/DSN dated 10-4-94, 28 holes total, all shots fired, hole stayed static. RU Western, treat perms down 5½" csg with 1000 gal 7½% HCl acid with inhib & 40 7/8" ball sealers, form broke at 3350 psi. Treat at 13.8 BPM at 2160 psi, good ball action, ball off at 5050 psi. Surge off, wait 30 min, start frac. Frac with 20,000 gal 35# XL borate gel & 24,000 lbs 16/30 Ottawa sand, tail in with 12,000 lbs 16/30 Sandtrol RC sand down 5½" csg, ISIP 2250 psi. Pump 766 BLW total, max 3290 psi, avg 3000 psi, max 40 BPM, avg 40 BPM. Force close with 30 bbl at 1.1 BPM with 1600 psi CP. Con't to flow btm's up, flow back 135 bbl. SDFN.
- 10-22-94 Prep location to MI service rig to pull RBP's & run prod tbg, pump & rods.
- 10-23-94 Prep location to MI service rig to pull RBP's & run prod tbg, pump & rods. Rebuild soft service rig pad, location drying well. Will MIRU in the morn.
- 10-24-94 RU service rig. PU 2-7/8" tbg with retrieving OS, tag sand at 4824'. Circ out to RBP, rec'd sand. Latch RBP at 4850', pull loose. TOH with RBP, TIH with retrieving OS to recover RBP at 5005'.
- 10-25-94 Fin GIH with 2-7/8" tbg. Circ off 25' sand on RBP, latch RBP at 5005', circ clean. POOH with BP, RIH with retrieving head on 2-7/8" tbg, circ off 78' sand. Latch last plug at 5300', circ clean, POOH with RBP. RIH with 2-7/8" prod string with TA, SN & notched collar on btm, tag sand at 5990'. Displace csg with 3% filtered KCl wtr, pull back up with notched collar to 5445' EOT. Land 2-7/8" prod string, SWI.

WELL HISTORY

Federal 14-9H
Pleasant Valley Prospect
Duchesne County, Utah
(DALEN Resources Operated)

10-26-94 ND BOPE, land tbg, NU wellhead. Run rods & pump. Space out rods & seat pump, press up on pump by stroking same to 500 psi (ok). Clean out location, RR. WO pumping unit. DROP UNTIL FURTHER ACTIVITY.

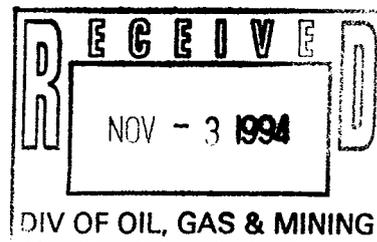
DALEN Resources
Oil & Gas Co.



October 31, 1994

Kent E. Johnson
Vice President
Exploration/Development

STATE OF UTAH NATURAL RESOURCES
OIL & GAS MINING
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
Attn: Gil Hunt



Re: Name Change
PG&E Resources Company

Gentlemen:

Effective October 1, 1994, PG&E Resources Company (PG&ER) changed its name to **DALEN Resources Oil & Gas Co.** As a result of this action, all activities previously conducted in the name of PG&E Resources Company will subsequently be conducted by **DALEN Resources Oil & Gas Co.** No changes in ownership, personnel, office address, telephone numbers, or business practices were caused by this name change.

Please revise your records by replacing PG&E Resources Company or PG&E Resources Offshore Company with **DALEN Resources Oil & Gas Co.**

Very truly yours,

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

John R. Wingert
Exploration Manager
Northern Division

JRW:lkd

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

R E C E I V E

NOV 14 1994

DIV. OF OIL, GAS & MIN.

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.

5. Lease Designation and Serial No.
U-50750

6. If Indian, Allottee or Tribe Name
NA

SUBMIT IN TRIPLICATE

CONFIDENTIAL

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
PG&E Resources Company

3. Address and Telephone No.
6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)
739' FSL & 768' FWL
SW/4 SW/4 Section 9, T9S-R17E

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
Federal 14-9H

9. API Well No.
43-013-31459

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State
Duchesne County, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent <input 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>First production</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.)*

PG&E Resources started pumping the Federal 14-9H on November 5, 199⁴. The well is producing approximately 50 BOPD & 15 BPWD.

14. I hereby certify that the foregoing is true and correct
 Signed *Candy R. Kuster* Title Supervisor Regulatory Compliance Date 11/10/1994

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
 Conditions of approval, if any:

CC: Utah DOGM

Bureau of Land Management
Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

3100
U-01470A
(UT-923)

NOV 29 1994

CERTIFIED MAIL---Return Receipt Requested

DECISION

DALEN Resources Oil & Gas Co. :
6688 N. Central Expwy., #1000 : Oil and Gas
Dallas, Texas 75206 : U-01470A et al

Corporate Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of PG&E Resources Company to DALEN Resources Oil & Gas Co. on Federal oil and gas leases.

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

A rider to the Nationwide Bond No. U1870111 (BLM Bond No. WY2554) has been filed in the Wyoming State Office, in order to change the name of the principal on the bond. It has been examined and found to be satisfactory by that office.

/s/ ROBERT LOPEZ

Chief, Minerals
Adjudication Section

Enclosure
Exhibit

bc: Moab District Office w/encl.
Vernal District Office w/encl.
MMS-Data Management Division, Denv
UT-922 (Teresa Thompson) w/encl.

Post-It™ brand fax transmittal memo 7671		# of pages	2
To	LISHA CARDOUR	From	CHRIS MERRITT
Co.	STATE OF UTAH	Co.	BLM
Dept.	OIL & GAS	Phone #	539-4109
Fax #	359-3940	Fax #	539-4260

List of Leases Affected

U-01470A	U-6632	UTU-65615	UTU-68631
U-01790	U-6634	UTU-66004	UTU-69024
U-02896A	U-7206	UTU-66027	UTU-69166
U-03505	U-10291	UTU-66033	UTU-69482
U-03576	U-10760	UTU-66184	UTU-69744
U-013429A	U-11385	UTU-66185	UTU-72104
U-013765	U-12942	UTU-66187	UTU-73087
U-013766	U-13905	UTU-66193	UTU-73089
U-013767	U-14236	UTU-66484	UTU-73433
U-013769	U-15392	UTU-66743	UTU-73512
U-013769A	U-16172	UTU-67168	U-47453 ROW
U-013769B	U-16535	UTU-67841	U-49204 ROW
U-013769C	U-16539	UTU-67857	U-49205 ROW
U-013792	U-16544	UTU-67996	U-49223 ROW
U-013793	U-17036	UTU-67997	U-49236 ROW
U-013793A	U-17424	UTU-68108	U-49243 ROW
U-013794	U-19267	UTU-68109	U-50487 ROW
U-013818A	U-30096	UTU-68316	U-50488 ROW
U-013820	U-39221	UTU-68328	U-50497 ROW
U-013821A	U-39713	UTU-68330	U-50806 ROW
U-017713	U-39714	UTU-68338	U-50809 ROW
U-035316	U-40026	UTU-68346	U-50825 ROW
U-037164	U-46825	UTU-68347	U-50833 ROW
U-0141644	U-47171	UTU-68348	U-53910 ROW
U-0143519	U-49092	UTU-68388	U-54803 ROW
U-0143520A	U-50750	UTU-68402	U-61946 ROW
U-0143521A	U-52765	UTU-68544	U-63969 ROW
U-0147541	U-55626	UTU-68548	UTU-69111 ROW
U-0147541A	U-58546	UTU-68619	
U-2838	U-61052	UTU-68624	
U-6610	U-61189	UTU-68625	
U-6612	U-62657	UTU-68626	
U-6615	UTU-65218	UTU-68627	

U-034217A *Confirmed BLM/SL
11-29-94 Jec

**EQUIPMENT INVENTORY
UTAH DIVISION OF OIL, GAS AND MINING
STATE OF UTAH**

Operator: PG & E RESOURCES Lease: State: Federal: Y Indian: Fee:

Well Name: FEDERAL #14-9H API Number: 43-013-31459

Section: 9 Township: 9S Range: 17E County: DUCHESNE Field: MONUMENT BUTTE

Well Status: POW Well Type: Oil: OIL Gas:

PRODUCTION LEASE EQUIPMENT: (NUMBER)

Boiler(s): Compressor(s): Separator(s): Dehydrator(s):

Shed(s): Line Heater(s): Y Heated Separator(s): VRU:

Heater Treater(s): Y

PUMPS:

Triplex: Chemical: Centrifugal: Y

LIFT METHOD:

Pumpjack: Y Hydraulic: Submersible: Flowing:

GAS EQUIPMENT: (NUMBER)

Purchase Meter: N Sales Meter: N

TANKS:

	NUMBER	SIZE	
Oil Storage Tank(s):	<u>YES</u>	<u>2-400'S W/BURNERS</u>	BBLs
Water Tank(s):	<u>YES</u>	<u>1-80 TANK</u>	BBLs
Power Water Tank:	<u> </u>	<u> </u>	BBLs
Condensate Tank(s):	<u> </u>	<u> </u>	BBLs
Propane Tank:	<u>(1)</u>		

Central Battery Location: (IF APPLICABLE)

Qtr/Qtr: Section: Township: Range:

REMARKS: GLYCOL CENTRIFUGAL PUMP FOR HEAT TRACE.

EQUIPMENT RUNNING ON CASING GAS.

Inspector: DENNIS INGRAM Date: 11/30/94

ENTITY REVIEW

- Yes* 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~~) *Surety U1870145/80,000 "Rider to Delen" rec'd 10-3-94. *Trust Land/Ed "Rider" Appr. 10-5-94 # U2164274/80,000.*

- Yes* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- Yes* 2. A copy of this form has been placed in the new ^{*Upon compl. of routing.*} and former operators' bond files.
- Yes* 3. The former operator has requested a release of liability from their bond (yes/no) 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.
- DTD* 2. Copies of documents have been sent to State Lands for changes involving State leases. *2/8/94 to Ed Bonm*

FILMING

- 1. All attachments to this form have been microfilmed. Date: 10/10/94 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

941108 B. Sm / S. L. Not appr. yet!

941125 " Appr. 'd.

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

SUBMIT IN DUPLICATE

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

JAN 3 1994
(See instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

U-50750

6. INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

Federal

9. WELL NO.

14-9H

10. FIELD AND POOL, OR WILDCAT

Pleasant Valley

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

Section 9, T9S-R17E

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

CONFIDENTIAL

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

2. NAME OF OPERATOR
DALEN Resources Oil & Gas Co.

3. ADDRESS OF OPERATOR
6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. LOCATION OF (Report location clearly and in accordance with any State requirements)*
At surface 739' FSL & 768' FWL SW/4 SW/4 Sec. 9
At top prod. interval reported below Same
At total depth Same

14. PERMIT NO. 43-013-31459 DATE ISSUED 09/08/94

15. DATE SPUDDED 09/25/94 16. DATE T.D. REACHED 10/05/94 17. DATE COMPL. (Ready to prod.) 11/05/94 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5290' RKB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6050' 21. PLUG, BACK T.D., MD & TVD 5990' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY → 24. ROTARY TOOLS XX 25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* 4666' - 5396' Green River 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL/Spectral Density Dual Spaced Neutron/GR/CBL-GR 2-6-95 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	369'	12-1/4"	200sx Class "G"	0
5-1/2"	17#	6050'	7-7/8"	390sx Hi-Lift + 540sx Class "G"	0

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	5445'	NA

31. PERFORATION RECORD (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT	
	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See Attached	See Attached	

33.* PRODUCTION							
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				WELL STATUS (Producing or shut-in)		
11/05/94	Pumping 1-3/4" insert				Producing		
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
11/12/94	24	NA	→	50	TSTM	0	NA
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
NA		→	50	TSTM	0		

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

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 Randy Miller TITLE Supervisor Regulatory Compliance DATE 01/09/1995

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

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
DC(5) Sand	4666'	4696'	Oil, Natural Gas & Salt Water	"A" Marker		3860'
E(d) Sand	4930'	4943'	Oil, Natural Gas & Salt Water	"B" Marker		4100'
E(e) Sand	4966'	4969'	Oil, Natural Gas & Salt Water	"C" Marker		4330'
E(2) Sand	5072'	5252'	Oil, Natural Gas & Salt Water	Douglas Creek Marker		4496'
F(2) Sand	5390'	5396'	Oil, Natural Gas & Salt Water	"D" Marker		4730'
				"E" Marker		4846'
				"F" Marker		5346'
				Basal Limestone		5759'
				Wasatch		5943'

Attachment to Form 3160-4
Federal 14-9H

Item No. 31

4666' - 4696'
28 - 0.45" Holes

4930' - 4969'
22 - 0.45" Holes

5072' - 5252'
46 - 0.45" Holes

5380' - 5396'
36 - 0.45" Holes

Item No. 32

1000 gals 7-1/2% HCL + 40 7/8" balls
24,000 gals 35# XL Borate gel + 24,000# 16-30
Ottawa sand + 12,000# 16-30 RC sand

1000 gals 7-1/2% HCL + 35 7/8" balls
20,000 gals 35# XL Borate gel + 24,000# 16/30
Ottawa sand + 12,000# 16-30 RC sand

2000 gals 7-1/2% HCL + 70 7/8" balls
24,000 gals 35# XL Borate gel + 24,000# 16-30
Ottawa sand + 12,000# 16-30 RC sand

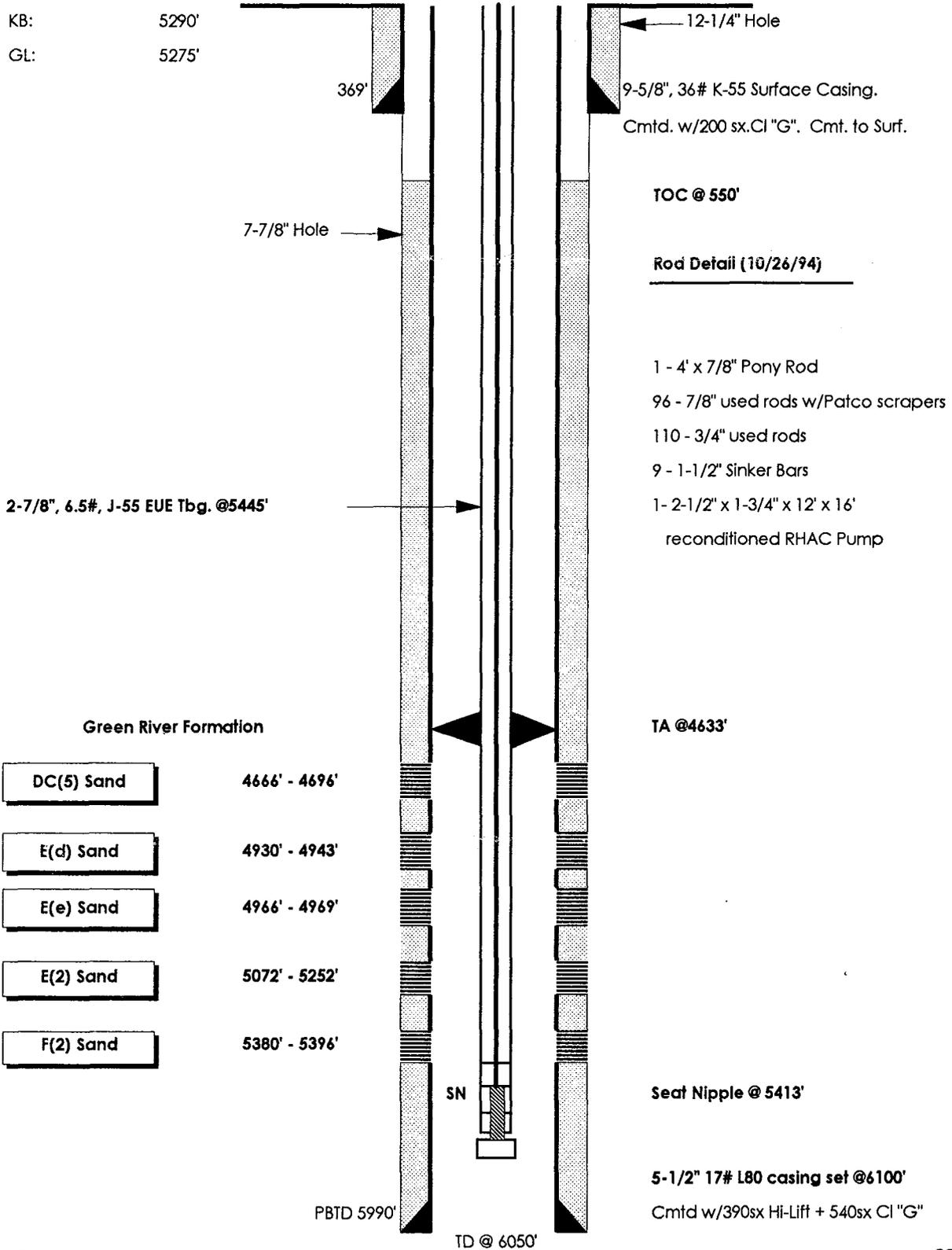
1000 gals 7-1/2% HCL + 50 7/8" ball sealers
20,000 gals 35# XL Borate gel + 24,000# 16/30
Ottawa sand + 12,000# 16/30 RC sand

FEDERAL 14-9H
PLEASANT VALLEY FIELD
 Duchesne County, Utah

Spud: 9/25/94
 TD Date: 10/5/94
 Compl. Date: 11/5/94

Sec 9-T9S-R17E
 739' FSL & 768' FWL
 SW/4 SW/4

KB: 5290'
 GL: 5275'

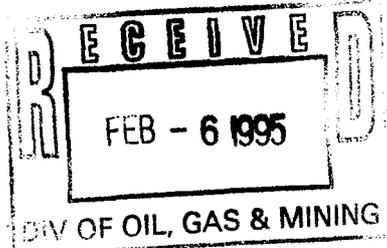




State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)



January 23, 1995

Ms. Cindy Keister
DALEN Resources Oil & Gas Co.
6688 North Central Expressway #1000
Dallas, Texas 75206

CONFIDENTIAL

Re: Federal #14-9H, API No. 43-013-31459
Submittal of Electric and Radioactivity Logs

Dear Ms. Keister:

We have not received the logs for the referenced well. The Well Completion Report indicates that **DIL/Spectral Density Dual Spaced Neutron/GR/CBL-GR** logs were run. Please submit a copy of these logs to this office as soon as possible.

Your help in this matter will be greatly appreciated. If you have questions regarding this request, please contact me at (801) 538-5340.

Sincerely,

Vicky Carney
Production Group Supervisor

cc: R. J. Firth
D. T. Staley
L. D. Clement
Log File

CEMENT BOND LOG w/ GAMMA RAY-CCL
DUAL LATEROLOG
SPECTRAL DENSITY DUAL SPACED NEUTRON



**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

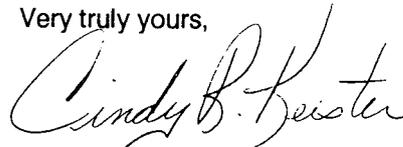
RE: Operator Name Change

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

UTAH WELLS
ENSERCH EXPLORATION, INC.

1/11/96

UNIT	WELL		LSE NO.	API NO.	QTR	SEC.	TWN	RANGE	COUNTY	
*	Federal	11- 4G	U-30096	✓ 43-013-31250	NW NW	4	9S	16E	Duchesne	
*	Federal	12- 4G	U-30096	✓ 43-013-3699	SW NW	4	9S	16E	Duchesne	30699
✓ *	Federal	21- 4G	U-30096	43-013-31272	NE NW	4	9S	16E	Duchesne	(W/W)
*	Federal	31- 4G	U-30096	✓ 43-013-31228	NW SE	4	9S	16E	Duchesne	
*	Federal	42- 4G	U-30096	✓ 43-013-30638	SE NE	4	9S	16E	Duchesne	
*	Federal	21- 5G	U-30096	✓ 43-013-30698	NE NW	5	9S	16E	Duchesne	30698
*	Federal	22- 5G	U-30096	✓ 43-013-31273	SE NW	5	9S	16E	Duchesne	
*	Federal	23- 5G	U-30096	✓ 43-013-31207	NE SW	5	9S	16E	Duchesne	
*	Federal	31- 5G	U-30096	✓ 43-013-31252	NW NE	5	9S	16E	Duchesne	
✓ *	Federal	32- 5G	U-30096	43-013-30670	SW NE	5	9S	16E	Duchesne	(W/W)
✓ *	Federal	41- 5G	U-30096	43-013-31205	NE SW	5	9S	16E	Duchesne	(W/W)
*	Federal	43- 5G	U-034217-A	✓ 43-013-30858	NE SE	5	9S	16E	Duchesne	
*	Federal	13- 33B	U-49092	✓ 43-013-31277	NW SW	33	8S	16E	Duchesne	
✓ *	Federal	14- 33B	U-49092	43-013-31229	SW SW	33	8S	16E	Duchesne	(W/W)
*	Federal	23- 33B	U-49092	✓ 43-013-31251	NE SW	33	8S	16E	Duchesne	
*	Federal	24- 33B	U-49092	✓ 43-013-31214	SE SW	33	8S	16E	Duchesne	
*	Federal	33- 33B	U-49092	✓ 43-013-31268	NW SE	33	8S	16E	Duchesne	
✓ *	Federal	34- 33B	U-49092	43-013-31269	SW SE	33	8S	16E	Duchesne	(W/W)
✓ *	Federal	43- 33B	U-49092	43-013-31240	NE SE	33	8S	16E	Duchesne	(W/W)
*	Federal	44- 33B	U-49092	✓ 43-013-31270	SE SE	33	8S	16E	Duchesne	
*	Federal	13- 34B	U-47171	✓ 43-013-31271	NW SW	34	8S	16E	Duchesne	
✓ *	Federal	14- 34B	U-47171	43-013-31225	SW SW	34	8S	16E	Duchesne	(W/W)
*	Federal	23- 34B	U-47171	✓ 43-013-31241	NE SW	34	8S	16E	Duchesne	
**	Federal	14- 4	U-07978	✓ 43-013-30671	SW SW	4	9S	17E	Duchesne	
**	Federal	34- 5	UTU-72108	✓ 43-013-30721	SW SE	5	9S	17E	Duchesne	
**	Federal	44- 5	UTU-72108	✓ 43-013-30913	SE SE	5	9S	17E	Duchesne	
**	Federal	12- 8H	U-10760	✓ 43-013-30680	SW NW	8	9S	17E	Duchesne	
**	Federal	21- 8H	U-10760	✓ 43-013-31460	NE NW	8	9S	17E	Duchesne	
**	Federal	22- 8H	U-10760	✓ 43-013-31457	SE NW	8	9S	17E	Duchesne	
**	Federal	31- 8H	U-10760	✓ 43-013-30679	NW NE	8	9S	17E	Duchesne	
**	Federal	32- 8H	U-10760	✓ 43-013-30542	SW NE	8	9S	17E	Duchesne	
**	Federal	41- 8H	U-10760	✓ 43-013-30741	NE NE	8	9S	17E	Duchesne	
**	Federal	42- 8H	U-10760	✓ 43-013-30678	SE NE	8	9S	17E	Duchesne	ORL
	Federal	24- 15H	U-10760	✓ 43-013-30681	SE SW	15	9S	17E	Duchesne	
**	Federal	11- 9H	U-50750	✓ 43-013-30887	NW NW	9	9S	17E	Duchesne	
**	Federal	12- 9H	U-50750	✓ 43-013-30983	SW NW	9	9S	17E	Duchesne	
**	Federal	13- 9H	U-50750	✓ 43-013-30656	NW SW	9	9S	17E	Duchesne	
**	Federal	14- 9H	U-50750	✓ 43-013-31459	SW SW	9	9S	17E	Duchesne	
	Federal	32-29	U-19267	✓ 43-047-31175	SWNE	29	9S	18E	WINSTAH	POW

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



1077.

Antonio O. Garza, Jr.
Secretary of State

ARTICLES OF MERGER OF

DALEN Corporation

INTO

Enserch Exploration, Inc.

<p>FILED In the Office of the Secretary of State of Texas</p> <p>DEC 19 1995</p> <p>Corporations Section</p>
--

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

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

(MERGER)

Routing:	
1- LEC / CHS	✓
2- DTG/ST-FILM	✓
3- VLD-8-FILE	✓
4- RJF	✓
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 (214)	<u>987-6353</u>	phone (214)	<u>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 _____	Twlp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twlp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twlp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twlp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twlp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twlp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twlp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Sec 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)*
- Sec 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)*
- Sec 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)
- Sec 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.
- Sec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(2-12-96)*
- Sec 6. Cardex file has been updated for each well listed above. *(2-12-96)*
- Sec 7. Well file labels have been updated for each well listed above. *(2-12-96)*
- Sec 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)*
- Sec 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

- Yes 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~~) *Trust lands / Bond & lease update in progress!*

- Yes 1. (Rule R615-3-1) 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 operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) 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. *OK 2/15/96*
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

KDR 1. All attachments to this form have been microfilmed. Date: March 13 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 have been filed in the Operator Change file.

COMMENTS

960212 Blm/SL Appr. eff. 12-31-95.

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 reenter a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
UTU74477X

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
PLEASANT VALLEY UNIT

8. Well Name and No.
SEE BELOW

9. API Well No.
SEE BELOW

10. Field and Pool, or Exploratory Area

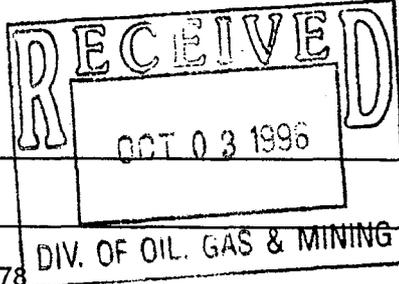
11. County or Parish, State

DUCHESNE, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other



2. Name of Operator
ENSERCH EXPLORATION, INC.

3. Address and Telephone No.
85 SOUTH 200 EAST, VERNAL, UT 84078

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

12. CHECK APPROPRIATE BOX(es) 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 RECLAIM WTR PITS
 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.)*

OPERATOR PROPOSES TO RECLAIM WATER DISPOSAL PITS AND INSTALL ABOVE GROUND TANKS ON WELLS LISTED BELOW. ALL PRODUCED WATER WILL THEN BE FILTERED AND INJECTED INTO OUR PVU WATERFLOOD PROJECT. ALL PITS WILL BE FREE OF HYDROCARBONS BEFORE BACKFILL OPERATIONS COMMENCE.

PVU 34-5-H	SW/SE SEC. 5, T9S, R17E	API #43-013-30721
PVU 12-8-H	SW/NW SEC. 8, T9S, R17E	API #43-013-30680
PVU 23-9-H	NE/SW SEC. 9, T9S, R17E	API #43-013-31206
PVU 12-9-H	SW/NW SEC. 9, T9S, R17E	API #43-013-30983
→ PVU 14-9-H	SW/SW SEC. 9, T9S, R17E	API #43-013-31459
PVU 41-8-H	NE/NE SEC. 8, T9S, R17E	API #43-013-30741
PVU 14-4-H	SW/SW SEC. 4, T9S, R17E	API #43-013-30671

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

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

Signed *Andy D. Miller* Title PROD, SUPERVISOR Date 10/01/96

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

JOHN W PEARCE
 ENSERCH EXPLORATION INC
 6688 N CENTRAL EXP #1000
 DALLAS TX 75206-3922

UTAH ACCOUNT NUMBER: N4940

REPORT PERIOD (MONTH/YEAR): 8 / 97

AMENDED REPORT (Highlight Changes)

Well Name API Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
						OIL(BBL)	GAS(MCF)	WATER(BBL)
FEDERAL 13-33-B 4301331277	11092	08S 16E 33	GRRV			U-49092	Wells Draw Unit	
FEDERAL 22-5-G 4301331273	11103	09S 16E 5	GRRV			U-30096	"	
FEDERAL 13-34-B 4301331271	11104	08S 16E 34	GRRV			U-47171	"	
STATE 31-32 4304732500	11645	08S 18E 32	GRRV			ML-22058		
FEDERAL 41-29 4304732495	11646	09S 18E 29	GRRV			U-19267		
FEDERAL 21-9H 4301331458	11676	09S 17E 9	GRRV			U-50750	Present Valley Unit	
FEDERAL 14-9H 4301331459	11677	09S 17E 9	GRRV			U-50750	"	
FEDERAL 21-8H 4301331460	11687	09S 17E 8	GRRV			U-10760	"	
FEDERAL 13-15H 4301331698	12100	09S 17E 15	GRRV			U-74805		
FEDERAL 14-15H 4301331695	12101	09S 17E 15	GRRV			U-74805		
FEDERAL 31R-9H (RE-ENTRY) 4301331107	12102	09S 17E 9	GRRV			U-50750		
TOTALS								

COMMENTS: _____

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

Date: _____

Name and Signature: _____

Telephone Number: _____

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. -

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 Inland Production Company

3. Address and Telephone No.
 475 17th Street, Suite 1500, Denver, Colorado 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)
 739' FSL & 768' FWL
 SW/4 SW/4 Section 9, T9S-R17E

5. Lease Designation and Serial No.
 U-50750

6. If Indian, Allottee or Tribe Name
 NA

7. If Unit or CA, Agreement Designation
 Pleasant Valley Unit

8. Well Name and No.
 Federal 14-9H

9. API Well No.
 43-013-31459

10. Field and Pool, or Exploratory Area
 Pleasant Valley

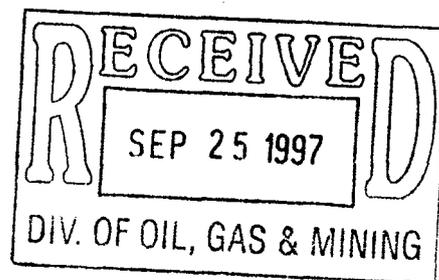
11. County or Parish, State
 Duchesne County, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> 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)</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.)*

Inland Production Company assumes operations of the above mentioned well effective August 16, 1997. Inland Production Company operates under BLM Bond No. UT0056.



14. I hereby certify that the foregoing is true and correct
 Signed [Signature] Title Attorney-In-Fact Date 08/14/1997

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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. --

5. Lease Designation and Serial No.

U-50750

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA. Agreement Designation

Pleasant Valley Unit

8. Well Name and No.

Federal 14-9H

9. API Well No.

43-013-31459

10. Field and Pool, or Exploratory Area

Pleasant Valley

11. County or Parish, State

Duchesne County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

ENSERCH EXPLORATION INC.

3. Address and Telephone No.

4849 Greenville Avenue, Suite 1200, Dallas, Texas 75206-4186 (214) 369-7893

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

739' FSL & 768' FWL
SW/4 SW/4 Section 9, T9S-R17E

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent
 Subsequent Report
 Final Abandonment

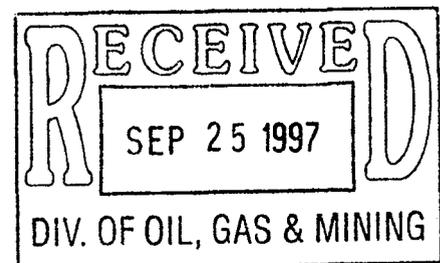
Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other Change of Operator

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

(Note: Report results of multiple completion on Well)

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.)*

Enserch Exploration Inc. has sold its interest in the PVU #14-9H Federal to Inland Production Company and relinquishes operations effective August 16, 1997. Inland Production Company operates under BLM Bond No. UT0056.



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

Signed [Signature] Title Sr. Production Analyst Date 08/14/1997

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

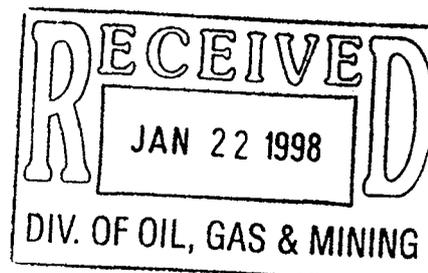
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO
UT-931

January 15, 1998

Inland Production Company
475 17th Street, Suite 1500
Denver, Colorado 80202

Re: Pleasant Valley (Green River) Unit
Duchesne County, Utah

Gentlemen:

Enserch Expl. Inc. /Bim mailing correction 1-22-98.

On January 14, 1998, we received an indenture dated September 1, 1997, whereby ~~Equitable Resources Energy Company~~ resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Pleasant Valley (Green River) Unit, Duchesne County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective January 15, 1998. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Pleasant Valley (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Pleasant Valley (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)
~~Division of Oil, Gas & Mining~~
Minerals Adjudication Group U-932
File - Pleasant Valley (Green River) Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

U-931:TAThompson:tt:1/15/98

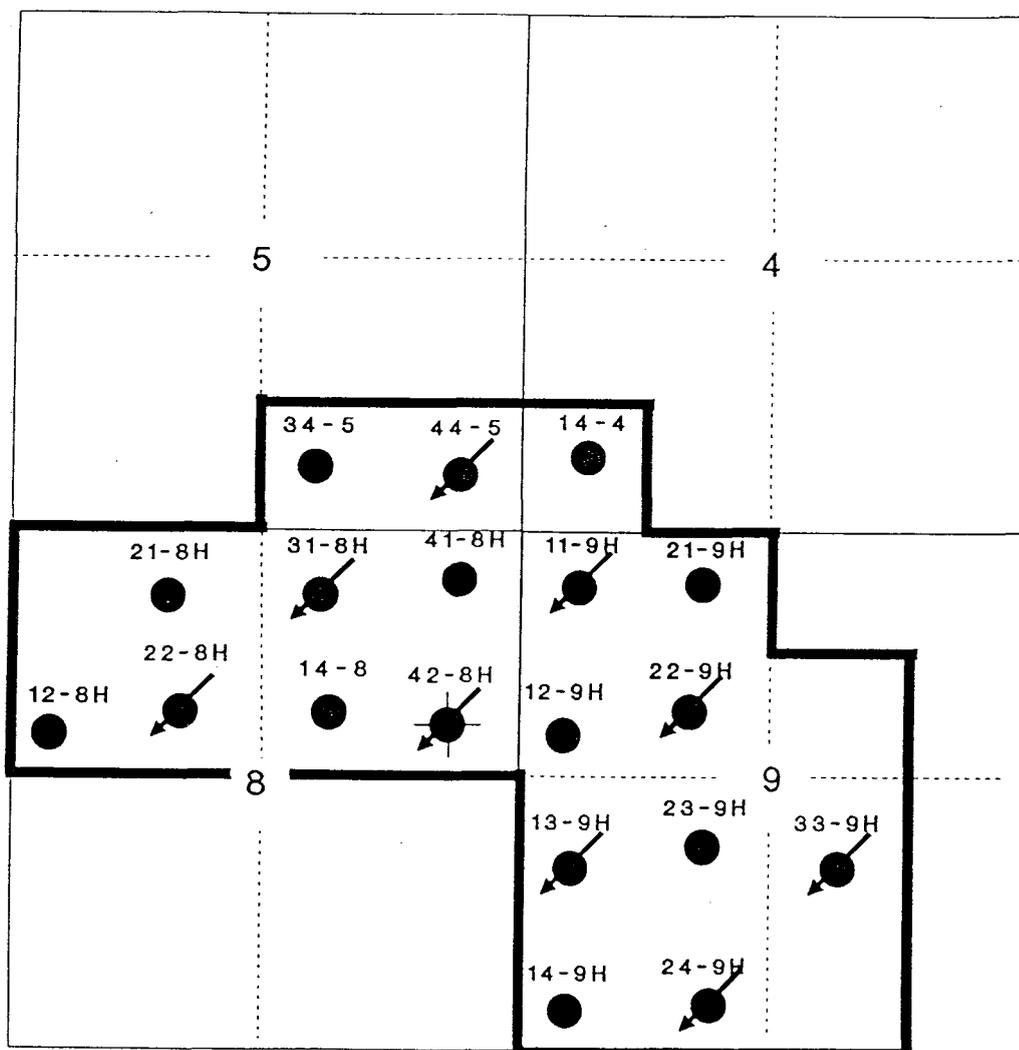
Well Status Report
Utah State Office
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
** Inspection Item: UTU74477X								
UTU50750	4301330887	11-9-H FEDERAL	NWNW	9	T	9S	R17E WIW	ENSERCH EXPLORATION INC
UTU10760	4301330680	12-8-H FEDERAL-NGC	SWNW	8	T	9S	R17E POW	ENSERCH EXPLORATION INC
UTU50750	4301330983	12-9-H FEDERAL	SWNW	9	T	9S	R17E POW	ENSERCH EXPLORATION INC
UTU50750	4301330656	13-9H FEDERAL	NWSW	9	T	9S	R17E WIW	ENSERCH EXPLORATION INC
UTU7978	4301330671	14-4 PIUTE-FEDERAL	SWSW	4	T	9S	R17E POW	ENSERCH EXPLORATION INC
UTU10760	4301330542	14-8 POMCO	SWNE	8	T	9S	R17E OSI	ENSERCH EXPLORATION INC
UTU50750	4301331459	14-9H	SWSW	9	T	9S	R17E POW	ENSERCH EXPLORATION INC
UTU10760	4301331460	21-8H	NENW	8	T	9S	R17E POW	ENSERCH EXPLORATION INC
UTU50750	4301331458	21-9H	NENW	9	T	9S	R17E POW	ENSERCH EXPLORATION INC
UTU10760	4301331457	22-8H	SENW	8	T	9S	R17E WIW	ENSERCH EXPLORATION INC
UTU50750	4301331049	22-9H FEDERAL NGC	SENW	9	T	9S	R17E WIW	ENSERCH EXPLORATION INC
UTU50750	4301331206	23-9-H FEDERAL	NESW	9	T	9S	R17E POW	ENSERCH EXPLORATION INC
UTU50750	4301330682	24-9-H FEDERAL-NGC	SESW	9	T	9S	R17E WIW	ENSERCH EXPLORATION INC
UTU10760	4301330679	31-8-H NGC	NWNE	8	T	9S	R17E WIW	ENSERCH EXPLORATION INC
UTU61052	4301331108	33-9H FEDERAL	NWSE	9	T	9S	R17E WIW	ENSERCH EXPLORATION INC
UTU72108	4301330721	34-5 ALLEN-FEDERAL	SWSE	5	T	9S	R17E POW	ENSERCH EXPLORATION INC
UTU10760	4301330741	41-8-H NGC-FEDERAL	NENE	8	T	9S	R17E POW	ENSERCH EXPLORATION INC
UTU10760	4301330678	42-8-H NGC	SENE	8	T	9S	R17E ABD	ENSERCH EXPLORATION INC
UTU72108	4301330913	44-5 ALLEN FEDERAL	SESE	5	T	9S	R17E WIW	ENSERCH EXPLORATION INC

PLEASANT VALLEY (GR) UNIT

Duchesne County, Utah

EFFECTIVE: SEPTEMBER 1, 1995



9S

17E

— UNIT OUTLINE (UTU74477X)

880.00 ACRES

SECONDARY ALLOCATION	
FEDERAL	100.00%

INLAND PRODUCTION COMPANY
 PLEASANT VALLEY (GRRV) UNIT
 (N5160)

CURRENT ENTITY	NEW ENTITY	API NUMBER	WELL NO.	SEC-T-R	EFF. DATE
01215	12277	43-013-30671	14-4H	04-09S-17E	09-01-97
02041	"	43-013-30721	34-5H	05-09S-17E	"
06057	"	43-013-30542	32-8H	08-09S-17E	"
06085	"	43-013-30741	41-8H	08-09S-17E	"
06140	"	43-013-30680	12-8H	08-09S-17E	"
09830	"	43-013-30983	12-9-H	09-09S-17E	"
10868	"	43-013-31206	23-9-H	09-09S-17E	"
11676	"	43-013-31458	21-9H	09-09S-17E	"
11677	"	43-013-31459	14-9H	09-09S-17E	"
11687	"	43-013-31460	21-8H	08-09S-17E	"
02044	"	43-013-30913	44-5	05-09S-17E	"
06058	"	43-013-30887	11-9H	09-09S-17E	"
11675	"	43-013-31457	22-8H	08-09S-17E	"
10674	"	43-013-31108	33-9H	09-09S-17E	"
10065	"	43-013-31049	22-9H	09-09S-17E	"
06075	"	43-013-30679	31-8H	08-09S-17E	"
06080	"	43-013-30678	42-8H	08-09S-17E	"
06185	"	43-013-30656	13-9H	09-09S-17E	"
06175	"	43-013-30682	24-9H	09-09S-17E	"

OPERATOR CHANGE WORKSHEET

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

Routing:	
1-IBC	6-IBC
2-GLH	7-KAS
3-DPS	8-SI
4-VLD	9-FILE
5-JRB	

- 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: 8-16-97

TO: (new operator)	<u>INLAND PRODUCTION COMPANY</u>	FROM: (old operator)	<u>ENSERCH EXPLORATION INC</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>6688 N CENTRAL EXP #1000</u>
	<u>ROOSEVELT UT 84066</u>		<u>DALLAS TX 75206-3922</u>
Phone:	<u>(801)722-5103</u>	Phone:	<u>(214)987-7859</u>
Account no.	<u>N5160</u>	Account no.	<u>N4940</u>

WELL(S) attach additional page if needed: ***PLEASANT VALLEY (GREEN RIVER) UNIT**

Name: **SEE ATTACHED**	API: <u>43-013-31459</u>	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: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- Yec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 9-25-97)*
- Yec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 9-25-97)*
- 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: _____
- Yec 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.
- Yec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(1-22-98) X UIC Queatro Pro & DBASE 1-22-98.*
- Yec 6. **Cardex** file has been updated for each well listed above. *(1-22-98)*
- Yec 7. Well **file labels** have been updated for each well listed above. *(1-22-98)*
- Yec 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. *(1-22-98)*
- Yec 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

- See 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.
** Operator req. that numbers remain as is until further notice. (1-22-98/Kebbie)*
- N/A See 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.
** all wells to entity 12277 1-30-98 eff. 9-1-97; op. req. E. review.*

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A See 1. (r649-3-1) 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 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

- N/A 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.
1/27/98
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 19 , of their responsibility to notify all interest owners of this change.

FILMING

- VB 1. All attachments to this form have been **microfilmed**. Today's date: 3.2.98.

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

980122 BLM/SY aprv. eff. 1-15-98.

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

U-50750

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

PLEASANT VALLEY

8. Well Name and No.

FEDERAL 14-9H

9. API Well No.

43-013-31459

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

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

0739 FSL 0768 FWL SW/SW Section 9, T09S R17E

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

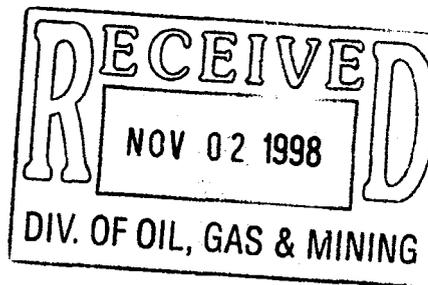
Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other Site Security

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.)*

Attached please find the site security diagram for the above referenced well.



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

Signed

Debbie E. Knight

Title

Manager, Regulatory Compliance

Date

10/28/98

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

CC: UTAH DOGM

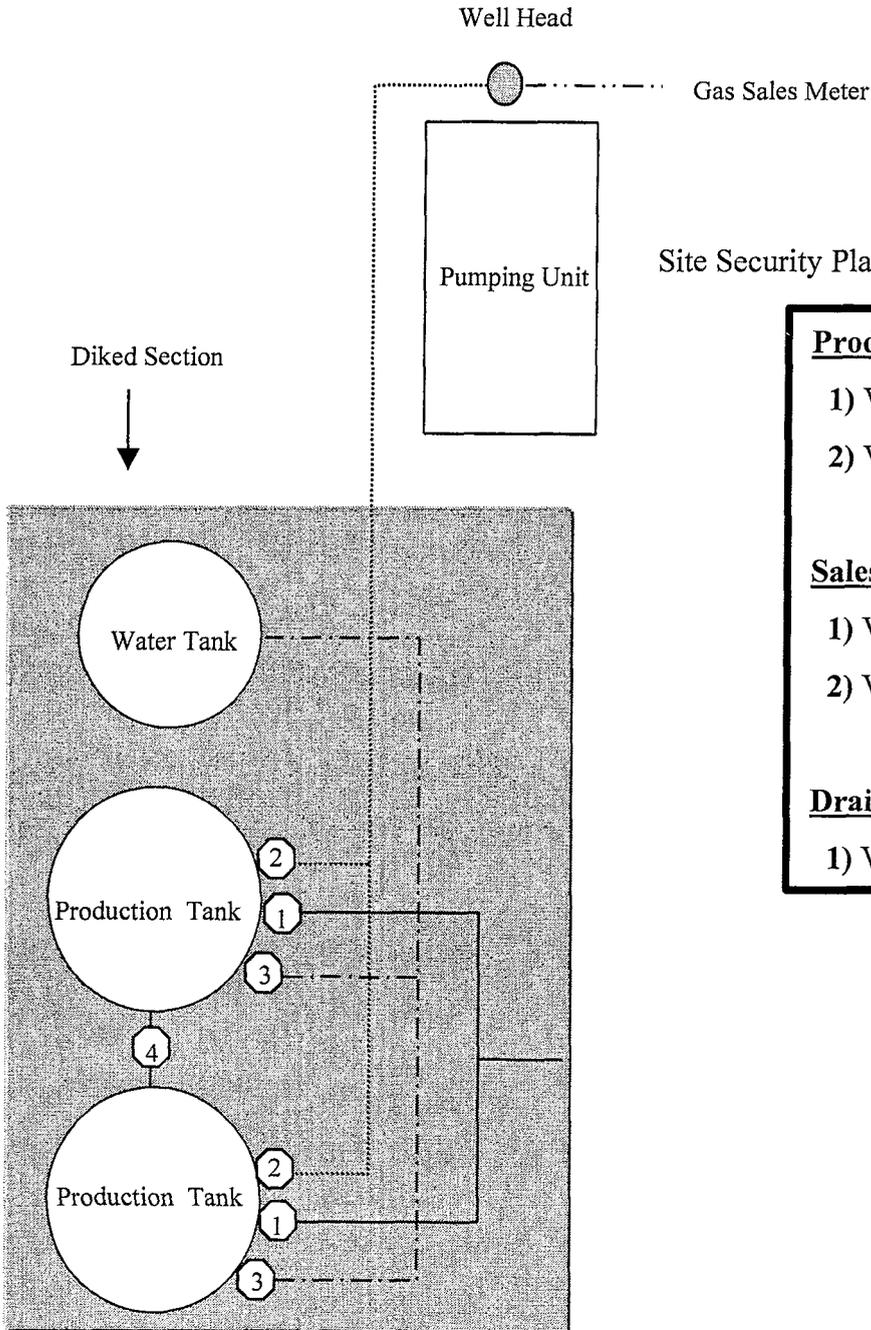
Inland Production Company Site Facility Diagram

Pleasant Valley Unit 14-9H

SW/SW Sec. 9, T9S, 17E

Duchesne County

May 12, 1998



Site Security Plan is held at the Roosevelt Office, Roosevelt Utah

Production Phase:

- 1) Valves 1, and 3 sealed closed
- 2) Valves 2 and 4 sealed open

Sales Phase:

- 1) Valves 2, 3, and 4 sealed closed
- 2) Valves 1 open

Draining Phase:

- 1) Valve 3 open

Legend

Emulsion Line
Load Line	—————
Water Line	- - - - -
Gas Sales	- · - · - ·



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office
From: Acting Chief, Branch of Fluid Minerals
Subject: Merger Approval

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

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

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

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



Office of the Secretary of State

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

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

OPERATOR CHANGE WORKSHEET

ROUTING	
1. GLH	
2. CDW	
3. FILE	

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

9/1/2004

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

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

CA No.

Unit:

PLEASANT VALLEY (GR)

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
FEDERAL 14-4H	04	090S	170E	4301330671	12277	Federal	OW	P
FEDERAL 34-5H	05	090S	170E	4301330721	12277	Federal	OW	P
FEDERAL 44-5H	05	090S	170E	4301330913	12277	Federal	WI	A
FEDERAL 32-8H	08	090S	170E	4301330542	12277	Federal	OW	P
FEDERAL 42-8H	08	090S	170E	4301330678	12277	Federal	WI	A
FED NGC 31-8H	08	090S	170E	4301330679	12277	Federal	WI	A
NGC 12-8H FED	08	090S	170E	4301330680	12277	Federal	OW	P
NGC 41-8H	08	090S	170E	4301330741	12277	Federal	OW	P
FEDERAL 22-8H	08	090S	170E	4301331457	12277	Federal	WI	A
FEDERAL 21-8H	08	090S	170E	4301331460	12277	Federal	OW	P
PVU 4-8-9-17	08	090S	170E	4301332273	12277	Federal	OW	P
FEDERAL 13-9H	09	090S	170E	4301330656	12277	Federal	WI	A
NGC 24-9H FED	09	090S	170E	4301330682	12277	Federal	WI	A
FEDERAL 11-9-H	09	090S	170E	4301330887	12277	Federal	WI	A
FEDERAL 12-9-H	09	090S	170E	4301330983	12277	Federal	OW	P
FEDERAL NGC 22-9-H	09	090S	170E	4301331049	12277	Federal	WI	A
FEDERAL 33-9H	09	090S	170E	4301331108	12277	Federal	WI	A
FEDERAL 23-9-H	09	090S	170E	4301331206	12277	Federal	OW	P
FEDERAL 21-9H	09	090S	170E	4301331458	12277	Federal	OW	P
FEDERAL 14-9H	09	090S	170E	4301331459	12277	Federal	OW	P
PLEASANT VALLEY 7-9-9-17	09	090S	170E	4301332076	12277	Federal	OW	P
PLEASANT VALLEY 15-9-9-17	09	090S	170E	4301332135	12277	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

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

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

5. If **NO**, the operator was contacted on:

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

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

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

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

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

DATA ENTRY:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE & STATE WELL(S) BOND VERIFICATION:

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

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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



June 1, 2007

Mr. Brad Hill
State of Utah, DOGM
1594 West North Temple-Suite 1310
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Re-completion
Federal 14-9H-9-17
Sec.9, T9S, R17E
API #4301331459

Dear Mr. Brad Hill:

The subject well had new perforations added in the Green River Formation. Then put back on production. Please find enclosed the sundry.

Sincerely,

A handwritten signature in cursive script that reads "Jentri Park".

Jentri Park
Production Clerk

RECEIVED

JUN 04 2007

DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-50750
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: PLEASANT VALLEY UNIT
8. WELL NAME and NUMBER: FEDERAL 14-9H
9. API NUMBER: 4301331459
10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE

SUNDRY NOTICES AND REPORTS ON WELLS

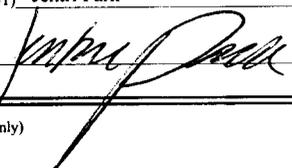
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052	PHONE NUMBER 435.646.3721
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 739 FSL 768 FWL COUNTY: DUCHESNE OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSW, 9, T9S, R17E STATE: UT	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 06/01/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The above subject well has recompletion procedures performed on 05/18/07, see attached daily status report.

NAME (PLEASE PRINT) <u>Jentri Park</u>	TITLE <u>Production Clerk</u>
SIGNATURE 	DATE <u>06/01/2007</u>

(This space for State use only)

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JUN 04 2007
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 14-9H-9-17

~~3/1/2007~~ To ~~7/30/2007~~

5/15/2007 Day: 1

5/15/2007 5/19/2007

Recompletion

Western #4 on 5/14/2007 - MIRU Western #4. RU HO trk & pump 70 BW dn annulus @ 250°F. RD pumping unit & unseat rod pump. Flush tbg & rods W/ 40 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 5 BW & pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH W/ rod string--LD pump. No scale on rods or pump. ND wellhead & unset TA. NU BOP. TOH W/ production tbg. Flush tbg W/ 20 BW on TOH. LD BHA. No sign of scale on tbg or TA. TIH W/ 4 3/4" tooth bit, 5 1/2" casing scraper & production tbg. PU 17 jts work string & tag fill @ 5966' (24' of fill--still 265' of rathole). TOH W/ tbg to 4031'. SIFN W/ est 135 BWTR.

5/16/2007 Day: 2

Recompletion

Western #4 on 5/15/2007 - RU HO trk & pump 60 BW dn tbg @ 250°F (no returns). Con't TOH W/ tbg f/ 4031'--LD bit & scraper. RU Perforators LLC & perf new intervals W/ 3 1/8" slick guns as follows: Black shale @ 5688-5701'; CP5 sds @ 5648-56'; CP3 sds @ 5488-97'; A .5 sds @ 4876-82'; D1 sds @ 4511-17'; PB10 sds @ 4247-56' & PB7 sds @ 4120-29'. All 4 JSPF in 3 runs total. RD WLT. PU & TIH W/ Weatherford 5 1/2" "TS" RBP, RH, tbg sub, 5 1/2" "HD" pkr & 2 7/8 8rd 6.5# N-80 tbg. Set plug @ 5670' & pkr @ 5639'. RU HO trk to tbg & fill W/ 12 BW. Pressure test tbg & tools to 1500 psi, then breakdown CP5 perfs (5648-56') @ 3800 psi. Inject 5 BW into perfs. ISIP--3375 psi. Release tools & re-set plug @ 5721' and pkr @ 5670'. RU HO trk to tbg & fill W/ 11 BW. Pressure test tools to 1500 psi, then breakdown BS perfs (5688-5701') @ 2700 psi. Inject 5 BW into perfs. ISIP--2250 psi. Release pkr. Pull up and install frac valve & subs. SIFN W/ EOT @ 5630'. Est 228 BWTR.

5/17/2007 Day: 3

Recompletion

Western #4 on 5/16/2007 - Open well w/ 0 psi on casing. Set pkr @ 5610'. Fill casing w/ 20 bbls. RU BJ & frac stage #1, CP5 sds down tbg w/ 77,154#'s of 20/40 sand in 667 bbls of Lightning 17 frac fluid. Perfs broke down @ 2815 psi back to 2508 psi. Treated @ ave pressure of 3340 @ ave rate of 14.3 bpm w/ 6.5 ppg of sand. ISIP was 2170. Flow well back. Well flowed for 1.5 hours & died w/ 75 bbls rec'd. Pressure casing to 200 psi. Release PKR. Circulate tbg clean. TIH w/ tbg to tag 15' fill on RBP. C/O to RBP & release. TOOH w/ tbg & set RBP @ 5520'. TOOH w/ tbg & set pkr @ 5422'. Fill casing w/ 2 bbls. RU BJ & frac stage #2, CP3 sds down tbg w/ 18,021#'s of 20/40 sand in 207 bbls of Lightning 17 frac fluid. Perfs broke down @ 2438 psi & climbed to 4370 psi. Treated @ ave pressure of 3692 @ ave rate of 14.3 bpm w/ 6.5 ppg of sand. ISIP was 2050. Flow well back. Well flowed for 1 hours & died w/ 50 bbls rec'd. Pressure casing to 200 psi. Release PKR. Circulate tbg clean. TIH w/ tbg to tag 7' fill on RBP. C/O to RBP & release. TOOH w/ tbg & set RBP @ 4890'. TOOH w/ tbg & set pkr @ 4766'. Fill casing w/ 2 bbls. RU BJ & perfs won't break down. Release PKR & TIH w/ tbg to find sand over perfs. Reset RBP @ 4911'. PKR @ 4819'. RU BJ & frac stage #3, A.5 sds down tbg w/ 22,161#'s of 20/40 sand in 211 bbls of Lightning 17 frac fluid. Perfs broke down @ 4714 psi back to 4400 psi. Treated @ ave pressure of 4087 @ ave rate of 14.3 bpm w/ 6.5 ppg of sand. ISIP was 2315. Flow well back. Well flowed for 1 hours & died w/ 40 bbls rec'd. Pressure casing to 200 psi. Release PKR. Circulate tbg clean. TIH w/ tbg to tag 2' fill on RBP. C/O to RBP & release TOOH w/ tbg & set RBP @ 4560'. TOOH w/ tbg & set pkr @

4372'. Fill casing w/ 2 bbls. RU BJ & frac stage #4, D1 sds down tbg w/ 15,955#'s of 20/40 sand in 157 bbls of Lightning 17 frac fluid. Perfs broke down @ 3540 psi back to 2560 psi. Treated @ ave pressure of 3435 @ ave rate of 14.3 bpm w/ 6.5 ppg of sand. ISIP was 2189. Flow well back. Well flowed for 1 hours & died w/ 30 bbls rec'd. Pressure casing to 200 psi. Release PKR. Circulate tbg clean. TIH w/ tbg to tag no fill on RBP. C/O to RBP & release. TOOH w/ tbg & set RBP @ 4310'. TOOH w/ tbg to leave pkr hang @ 4152'. SIFN.

5/18/2007 Day: 4

Recompletion

Western #4 on 5/17/2007 - Open well w/ full of fluid. Set pkr @ 4152'. RU BJ & frac stage #5, PB10 sds down tbg w/ 40,171#'s of 20/40 sand in 334 bbls of Lightning 17 frac fluid. Perfs broke down @ 3401 psi back to 2071 psi. Treated @ ave pressure of 3590 @ ave rate of 14.3 bpm w/ 6.5 ppg of sand. ISIP was 2320. Flow well back. Well flowed for 1 hours & died w/ 60 bbls rec'd. Pressure casing to 200 psi. Release PKR. Circulate tbg clean. TIH w/ tbg to tag 10' fill on RBP. C/O to RBP & release. TOOH w/ tbg & set RBP @ 4154'. TOOH w/ tbg & set pkr @ 3988'. Fill casing w/ 2 bbls. RU BJ & frac stage #6, PB7 sds down tbg w/ 20,107#'s of 20/40 sand in 223 bbls of Lightning 17 frac fluid. Perfs broke down @ 3373 psi back to 1879 psi. Treated @ ave pressure of 3492 @ ave rate of 14.3 bpm w/ 6.5 ppg of sand. ISIP was 2189. Flow well back. Well flowed for 1.5 hours & died w/ 70 bbls rec'd. Pressure casing to 200 psi. Release PKR. Circulate tbg clean. TIH w/ tbg to tag 10' fill on RBP. C/O to RBP & release. TOOH w/ tbg laying down frac string on trailer. LD tools. TIH w/ NC, 1 jt tbg, SN new, 3 jts tbg (J-55), TA (CDI 45,000# shear), 170 jts tbg. Test tbg to 3000 psi. RU sand line & fish standin valve. RU swab w/ SN @ 5720'. Made 4 swab runs to recover 40 bbls of fluid. IFL surface. FFL was 500'. Last run showed no sand. SIFN.

5/19/2007 Day: 5

Recompletion

Western #4 on 5/18/2007 - Bleed gas off well. Con't swabbing well for cleanup. Made 6 swb runs rec 62 BTF W/ light gas, tr oil & no sd. FFL @ 700'. TIH W/ tbg. Tag sd @ 5868' (98' new fill). C/O sd to PBD @ 5990'. Circ hole clean. Lost est 45 BW during cleanout. LD excess tbg. ND BOP. Set TA @ 5624' W/ SN @ 5723' & EOT @ 5755'. Land tbg W/ 16,000# tension. NU wellhead. TIH W/ pump and revised rod string as follows: repaired CDI 2 1/2" X 1 3/4" X 19.5' RHAC pump, 9-1 1/2" weight rods, 30-3/4" scraped rods ("A" grade), 94-3/4" plain rods, 95-7/8" scraped rods, 1-8' & 1-2' X 7/8" pony rods and 1 1/2" X 26' polished rod ("A" grade). Seat pump & RU pumping unit. Fill tbg W/ 1 BW. Pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 1674 BWTR. Returned well to production @ 4:30 PM 5/18/2007 W 70" SL @ 6 SPM. FINAL REPORT!!

Pertinent Files: Go to File List

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-50750
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or PLEASANT VALLEY UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 739 FSL 768 FWL SWSW Section 9 T9S R17E		8. Well Name and No. FEDERAL 14-9H
		9. API Well No. 4301331459
		10. Field and Pool, or Exploratory Area MONUMENT BUTTE
		11. County or Parish, State DUCHESNE, UT

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

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

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

On the above mentioned location a spill occurred on 7-11-09. A contract water hauling company hauled water from Tank #3 on the location. The driver left the load line valve open after loading from the tank. The well kept producing into the tank with the open valve causing 95 bbl of Production water to spill. All spill volumes remained on the location. None of the spill volumes were recovered. The contract company is responsible for clean up of the area as needed.

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JUL 21 2009

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct <i>Printed/ Typed</i> Joseph Michael	Title HSE Analyst
Signature <i>Joe Michael</i>	Date 07/13/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

(Instructions on page 2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
739 FSL 768 FWL
SWSW Section 9 T9S R17E

5. Lease Serial No.

USA UTU-50750

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
GMBU

8. Well Name and No.

FEDERAL 14-9H

9. API Well No.

4301331459

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

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

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

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

Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well.

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

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Eric Sundberg

Signature

Title

Regulatory Lead

Date

7/16/10

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Title

Date

Office

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

(Instructions on page 2)

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DIV. OF OIL, GAS & MINING



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8**

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

Ref: 8P-W-GW

SEP 13 2010

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

Mr. Eric Sundberg
Regulatory Analyst
Newfield Production Company
1001 Seventeenth Street – Suite 2000
Denver, CO 80202

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

RE: Underground Injection Control (UIC)
Additional Well to Pleasant Valley
Area Permit
EPA UIC Permit UT20771-08867
Well: Federal 14-9H-9-17
SWSW Sec. 9 T9S-R17E
Duchesne County, Utah
API No.: 43-013-31459

Dear Mr. Sundberg:

The Environmental Protection Agency Region 8 (EPA) hereby authorizes Newfield Production Company (Newfield) to convert the oil well Federal 14-9H-9-17 to an enhanced recovery injection well according to the terms and conditions of the enclosed Authorization for Additional Well. The addition of this injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Pleasant Valley Area Permit UT20771-00000 and subsequent modifications.

Please be aware that Newfield does not have authorization to begin well injection until all Prior to Commencing Injection requirements are met and written authorization to inject is given by the Director. Prior to receiving authorization to inject, Newfield must submit for review and approval (1) the results of a Part I (internal) Mechanical Integrity test, (2) a pore pressure calculation of the injection interval, and (3) a completed EPA Form No. 7520-12 (Well Rework Record) with a new schematic diagram.

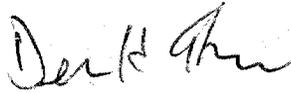
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SEP 22 2010

DIV. OF OIL, GAS & MINING

If you have any questions, please call Tom Aalto at (303) 312-6949 or 1-(800)-227-8917 (Ext. 312-6949). Please submit the required data to Jason Deardorff at the letterhead address citing mail code 8P-W-GW.

Sincerely,



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

Enclosures: Authorization for Additional Well
EPA-Annotated Wellbore and P&A Diagrams

cc Letter Only:

Uintah & Ouray Business Committee:
Curtis Cesspooch, Chairman
Stewart Pike, Councilman
Irene Cuch, Councilwoman
Phillip Chimburas, Councilman
Frances Poowegup, Vice-Chairwoman
Richard Jenks, Councilman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

cc All Enclosures:

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

Manual Myore
Director of Energy & Minerals Dept.
Ute Indian Tribe

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

Fluid Minerals Engineering Office
BLM - Vernal Office

Michael Guinn
District Manager
Newfield Production Company
Myton, Utah



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8

1595 WYNKOOP STREET

DENVER, CO 80202-1129

Phone 800-227-8917

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

AUTHORIZATION FOR ADDITIONAL WELL

UIC Area Permit UT20771-00000

The Pleasant Valley Final Underground Injection Control (UIC) Area Permit UT20771-00000, effective November 6, 1995, authorizes injection for the purpose of enhanced oil recovery in the Pleasant Valley Unit. On July 26, 2010, Newfield Production Company notified the Director concerning the following additional enhanced recovery injection well:

Well Name:	Federal 14-9H-9-17
EPA Permit ID Number:	UT20771-08867
Location:	739' FSL & 768' FWL SWSW Sec. 9 T9S-R17E Duchesne County, Utah API #43-013-31459

Pursuant to 40 CFR §144.33, Area UIC Permit UT20771-00000 authorizes the permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the area permit. This well was determined to satisfy additional well criteria required by the permit.

This well is subject to all provisions of UIC Area Permit UT20771-00000, as modified and as specified in the Injection Well-Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date.

This Authorization is effective upon signature.

Date: SEP 13 2010

Stephen S. Tuber

*Assistant Regional Administrator

Office of Partnerships and Regulatory Assistance

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

INJECTION WELL-SPECIFIC REQUIREMENTS

Well Name: **Federal 14-9H-9-17**
EPA Well ID Number: **UT20771-08867**

Prior to Commencing Injection Operations, the permittee shall submit the following information:

1. Completed Well Rework Record (EPA Form No. 7520-12) and schematic diagram;
2. Pore pressure calculation of the proposed injection zone; and
3. Results from a successful part I (internal) Mechanical Integrity test.

Once these records are received and approved by EPA, the Director will provide written authorization to inject for a limited period of 180 days, during which time a Radioactive Tracer Survey (RTS) is required. A successful RTS will be considered valid at injection pressures up to the Maximum Allowable Injection Pressure (MAIP) until one of the following events occurs, at which time a subsequent RTS is required:

- a) If the submitted RTS is determined to be inconclusive or inadequate by EPA,
- b) If the MAIP of the injection well is exceeded for any reason (*It is a violation to exceed the MAIP without prior EPA approval*),
- c) If new injection perforations are added to the injection well, either through the creation of new perforations or the adjustment of the packer depth to inject into a set of existing perforations that were previously inactive,
- d) If the injection formation is acid-treated, hydraulically stimulated, or stimulated by any other method through the injection well, that may affect the cement integrity of the well,
- e) If the Director requests that a RTS be run for any reason.

Note: All depths given in this authorization reference the Kelly Bushing datum unless otherwise specified.

Approved Injection Zone: The approved injection zone for this well is from the top of Green River Formation, Garden Gulch 2 Member, to the top of the Wasatch Formation. The approved injection zone depth interval for this well is: 3,825 ft. – 5,880 ft.

Maximum Allowable Injection Pressure (MAIP): The initial MAIP for this well is **1,195** psig. The initial MAIP is based on the following calculation:

$$\text{MAIP} = [\text{FG} - (0.433)(\text{SG})] * \text{D}, \text{ where}$$
$$\text{FG} = 0.730 \text{ psi/ft.} \quad \text{SG} = 1.015 \quad \text{D} = 4,120 \text{ ft. (top perforation depth)}$$

Initial MAIP = 1,195 psig

FG = Fracture Gradient SG = Specific Gravity of Injectate (Maximum)

The UIC Area Permit provides the opportunity for the permittee to request a change of the initial MAIP based upon the submitted results of a step rate test that demonstrates the formation parting pressure.

Well Construction: Casing and Cementing: The well was constructed in compliance with existing regulatory controls for casing and cementing pursuant to 40 CFR § 146.22(c). Cementing records, including the Cement Bond Log (CBL), have not satisfactorily demonstrated the presence of adequate Cement Bond Index (CBI) cement to prevent the migration of injection fluids behind the casing from the injection zone. Therefore, an RTS is being required prior to authorization to inject. An EPA-annotated wellbore diagram is attached.

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

Demonstration of Mechanical Integrity:

- (1) A successful demonstration of Part I (internal) mechanical integrity using a Casing-Tubing Annulus Pressure Test is required prior to injection, and no less than every five years after the last successful test.
- (2) EPA reviewed the cementing records and determined that there is no 80% Cement Bond Index (CBI) cement in the well across the Confining Zone (Shale "B"). Therefore, further demonstration of Part II (external) Mechanical Integrity is required. A RTS is required to help verify Part II Mechanical Integrity. The RTS will supplement the cementing records, which show an insufficient interval of 80 percent cement bond index or greater through the confining zone, by demonstrating the presence or absence of adequate cement to prevent fluid movement behind the casing above the uppermost perforation. It is intended that a maximum of 180 days of injection will allow the injection zone to achieve the Maximum Allowable Injection Pressure (MAIP) for the purpose of executing the RTS. If 180 days is not sufficient to achieve the MAIP specified in the permit, an extension of the period of Limited Authorization to Inject may be requested. A submitted RTS which indicates the movement of fluid behind casing from the injection zone will result in a requirement to demonstrate Part II Mechanical Integrity using an approved Part II demonstration method such as a temperature log, oxygen activation log, or noise log at a frequency no less than once every five years.

Demonstration of Financial Responsibility: At the time of issuance of this Authorization for Additional Well UIC Permit, the Environmental Protection Agency Region 8 (EPA) has identified deficiencies in Newfield Production Company's (Newfield) Financial Statement submitted on June 10, 2010, as a demonstration of the company's ability to plug and abandon all Newfield injection wells permitted by EPA. EPA's Office of Enforcement, Compliance and Environmental Justice (ECEJ) is taking action to correct any deficiencies. EPA's Office of Partnerships and Regulatory Assistance (OPRA), the division responsible for issuing all UIC permits, has determined that these deficiencies in Financial Responsibility do not represent an imminent endangerment to underground sources of drinking water in the Monument Butte Field and that the issuance of UIC permits to Newfield should continue while ECEJ works with

Newfield to correct any deficiencies. In the event that Newfield is unable to return to full compliance on Financial Responsibility within a reasonable period of time, OPRA may stop the issuance of new UIC permits to Newfield until Newfield fully demonstrates Financial Responsibility for all Newfield injection wells currently operating under EPA UIC permits.

Plugging and Abandonment: The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluids into or between Underground Sources of Drinking Water (USDW). 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. 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. At a minimum, the following plugs are required:

- Plug No. 1: Set a cast iron bridge plug (CIBP) 50 ft. above the top injection zone perforations (at the time of this authorization, the top perforation is at 4,120 ft.). Set 100 ft. cement plug on top of the CIBP.
- Plug No. 2: Perforate and squeeze cement up the backside of the 5-1/2" casing across the Trona /Bird's Nest interval and the Mahogany Bench oil shale in a 194-foot cement plug from 2,640 ft. to 2,834 ft. unless pre-existing backside cement precludes cement-squeezing this interval. Set a 194-foot cement plug inside the 5-1/2" casing from 2,640 ft. to 2,834 ft.
- Plug No. 3: Perforate and squeeze cement up the backside of the 5-1/2" casing across the contact between the Uinta Formation and Green River Formation at 1,337 ft., in a 120-foot cement plug from 1,277 ft. to 1,397 ft., unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 120-foot cement plug inside the 5-1/2" casing from 1,277 ft. to 1,397 ft.
- Plug No. 4: Perforate 5-1/2" casing at 419 ft. and squeeze cement up the 5-1/2"x 9-5/8" casing annulus to the surface, unless pre-existing backside cement precludes cement-squeezing this interval. Set a cement plug within the 5-1/2" casing from a depth of 419 ft. to the surface.

An EPA-annotated wellbore Plugging and Abandonment Plan diagram is attached.

INJECTION WELL-SPECIFIC CONSIDERATIONS

Well Name: **Federal 14-9H-9-17**
EPA Well ID Number: **UT20771-08867**

Underground Sources of Drinking Water (USDWs): USDWs in the Greater Boundary Unit generally occur within the Uinta Formation. According to "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found at approximately 290 ft. in this well.

Utah Division of Water Rights Information: According to the state website, <http://utstnrwrt6.waterrights.utah.gov/cgi-bin/wrplat.exe>, there are no known reservoirs, streams, domestic or agricultural water wells within one-quarter (1/4) mile of the well.

Composition of Source, Formation, and Injectate Water: The Total Dissolved Solids (TDS) content of water produced from the injection zone in the Green River Formation was determined to be 14,925 mg/l on February 19, 2010. Due to nearby injection activities of relatively fresh water for the purpose of enhanced oil recovery, this TDS value is likely not representative of the original TDS content of formation waters at or near this well.

The TDS content of injectate was determined to be 10,446 mg/l on January 5, 2010. The planned injectate is water from the Newfield Injection Facility and consists of culinary water from the Green River supply line or the Johnson Water District supply line blended with produced Green River Formation water.

Aquifer Exemption: The TDS of water samples from the proposed injection formation is greater than 10,000 mg/l. Therefore, an aquifer exemption is not required for this proposed injection well.

Confining Zone: The UIC Area Permit established Areal Confining Zone (ACZ) (also known as the Administrative Confining Zone) directly overlies the Garden Gulch Member of the Green River Formation. However, an alternative confining zone beneath the ACZ has also been identified and approved by EPA. The alternative confining zone is referred to as Shale "B".

Shale "B": 3,744 ft. to 3,825 ft. Shale "B" is approximately 81 ft. in thickness. There is no 80 percent or greater Cement Bond Index cement across Shale "B". Therefore a Radioactive Tracer Survey will be required prior to authorization to inject. Also, the Permittee proposed in the permit application that the base of Shale "B" (top of the Garden Gulch #2) be used as the bottom of the confining zone (and top of proposed injection zone) instead of the base of the ACZ. EPA is in agreement with that proposal as it represents a more conservative approach in this case. Therefore, EPA has determined that Shale "B" is the alternate confining zone for this well.

Injection Zone: The injection zone for this well is in the Green River Formation from the top of Garden Gulch 2 (base of Shale "B") at 3,825 ft., to the top of the Wasatch Formation at an estimated depth of approximately 5,880 ft. Due to the change in the designated confining zone,

the injection zone has been limited to an interval from the base of Shale "B", at a depth of 3,825 ft. (top of Garden Gulch 2) to the top of the Wasatch Formation, at an estimated depth of approximately 5,880 ft. The Permittee proposed in the permit application that the injection zone (interval) be lowered to the top of the Garden Gulch #2 (the base of Shale "B") at a depth of 3,825 ft. for this well. EPA is in agreement with that proposal as it represents a more conservative approach in this case. The injection zone at this well location consists of approximately 2,055 ft. of multiple lenticular sand units interbedded with shale, marlstone and limestone from the base of Formation tops are either submitted by the operator or are based on correlations to the Newfield Monument Butte Type Log.

Well Construction: The Cement Bond Log (CBL) for this well does not show any 80% or greater Cement Bond Index (CBI) cement in the confining zone (Shale "B"). EPA Region 8 guidance calls for at least 18-feet of 80 % CBI cement through the confining zone. A further demonstration that well cement is adequate to prevent significant migration of injection fluids behind casing is therefore being required. A RTS is being required for that purpose.

Surface Casing: 9-5/8" casing is set at 369 ft. in a 12-1/4" hole, using 200 sacks of Class "G" Cement, cemented to the surface.

Longstring Casing: 5-1/2" casing is set at 6,050 ft. in a 7-7/8" hole secured with 390 sacks of Hi-Lift cement and 540 sacks of Class "G" cement. Plugged back total depth is 5,990 ft. Cement Bond Log (CBL) shows Top of Cement (TOC) is at 540 ft.

Perforations: Top perforation: 4,120 ft. Bottom perforation: 5,701 ft.

Additional information concerning the well may be found on the state website:
<http://oilgas.ogm.utah.gov/>

Basis for Initial MAIP Calculation: The initial MAIP was calculated by EPA using the following input values for the fracture gradient and injectate specific gravity:

Fracture Gradient: A fracture gradient value of 0.730 psi/ft. was selected by EPA because it is the most conservative fracture gradient for other nearby wells.

Specific Gravity: An injectate specific gravity value of 1.015 was selected by EPA because this value is the maximum expected specific gravity of injectate for this well.

Well Plugging and Abandonment: As discussed in the EPA Region 8 guidance, wells should be plugged and abandoned in a manner to prevent migration of fluids in the wellbore into or between USDWs. The four (4) cement plugs required for this well are as follows:

Plug No. 1 is required to prevent migration of fluids out of the injection zone. It is believed that there are no USDWs below Plug No. 1.

Plug No. 2 is required because the interval of the Green River Formation, containing the Bird's Nest and Trona Members, is reported to contain USDWs in places in the Uinta Basin, and the

*Authorization for Additional Well: UIC Area Permit UT20771-00000
Well: Federal 14-9H-9-17 EPA Well ID: UT20771-08867*

Mahogany Bench Member is an oil shale resource that is also being protected under U.S. Bureau of Land Management (BLM) requirements.

Plug No. 3 is required across the Uinta Formation/Green River Formation contact to prevent flow between USDWs.

Plug No. 4 is required to prevent fluids from migrating from the surface or from below into shallow USDWs.

AREA OF REVIEW (AOR) WELL REQUIREMENTS

The following five (5) AOR wells that penetrate the area confining zone within or proximate to a one-quarter (1/4) mile radius around the Federal 14-9H-9-17 well were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs:

<u>AOR Well</u>	<u>API Number</u>	<u>Location</u>
Federal 13-9H-9-17	43-013-30656	NWSW Sec. 9 T9S R17E
Pleasant Valley Q-9-9-17	43-013-33813	SWSW Sec. 9 T9S R17E
NGC 24-9H-9-17 Federal	43-013-30682	SESW Sec. 9 T9S R17E
Monument State 11-16-9-17B	43-013-30616	NWNW Sec. 16 T9S R17E
Monument Butte Federal 44-8-9-17B	43-013-30643	SESE Sec. 8 T9S R17E

No Corrective Action Required for the AOR Wells

As discussed below, no corrective action is being required for the five (5) AOR wells because:

- 1) the wells are shown to have adequate cement across the Shale "B" confining zone to prevent fluid migration in the wellbores, and/or,
- 2) the well(s) are previously permitted injection wells that have demonstrated Part II Mechanical Integrity.

These points are discussed briefly below for each AOR well:

Federal 13-9H-9-17: The well is a permitted injection well. The CBL shows Top of Cement (TOC) at 1,924 ft. There is no 80% Cement Bond Index (CBI) cement in Shale "B". However, a RTS was run on January 13, 2010, and approved by EPA on February 5, 2010. The RTS demonstrated adequate cement to prevent fluid migration above the injection zone in the wellbore.

Pleasant Valley Q-9-9-17: The well is a producing oil well. The CBL shows TOC at 46 ft. There is 80 % CBI cement in Shale "B" in the interval 3,807 ft. to 3,892 ft.

NGC 24-9H-9-17 Federal: The well is a permitted injection well. The CBL shows TOC at 2,040 ft. There is 80 % CBI cement in Shale "B" in the interval 3,746 ft. to 3,791 ft.

Monument State 11-16-9-17B: The well is a permitted injection well. The CBL shows TOC at 2,640 ft. There is 80% CBI cement in Shale "B" in the interval 3,736 ft. to 3,796 ft.

Monument Butte Federal 44-8-9-17B: The well is a permitted injection well. The CBL shows TOC at 858 ft. There is 80% CBI cement in Shale "B" in the interval 3,782 ft. to 3,863 ft.

REPORTING REQUIREMENTS

Reporting of Noncompliance:

- (a) **Anticipated Noncompliance.** The operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- (b) **Compliance Schedules.** Reports of compliance or noncompliance with, or any progress on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted to EPA for review no later than 30 days following each schedule date.
- (c) **Written Notice of any noncompliance which may endanger health or the environment shall be reported to the Director within five days** of the time the operator becomes aware of the noncompliance. The written notice shall contain a description of the noncompliance and its cause, the period of noncompliance including dates and times, if the noncompliance has not been corrected the anticipated time it is expected to continue, and steps taken or planned to prevent or reduce recurrence of the noncompliance.

Twenty-Four Hour Noncompliance Reporting: The operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided, either orally or by leaving a message, within twenty-four (24) hours from the time the operator

becomes aware of the circumstances by telephoning 1-(800)-227-8917 and asking for the EPA Region 8 UIC Program Compliance and Enforcement Director, or by contacting the Region 8 Emergency Operations Center at (303)-293-1788, if calling from outside EPA Region 8. The following information shall be included in the verbal report:

- (a) Any monitoring or other information which indicates that any contaminant may cause an endangerment to an underground source of drinking water.
- (b) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

Oil Spill and Chemical Release Reporting: The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the **National Response Center (NRC)** at: **1-(800)-424-8802 or 1-(202)-267-2675**, or through the NRC website at: <http://www.nrc.uscg.mil/index.htm>

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

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

UT20771-08867

Spud Date: 9/25/94

Put on Production: 11/5/94

GL: 5275' KB: 5290'

Federal #14-9H

Tom Aalto, EPA
EPA

Initial Production: 50 BOPD,
TSTM MCFPD, 0 BWPD

SURFACE CASING

CSG SIZE: 9-5/8"
GRADE: K-55
WEIGHT: 36#
LENGTH: N/A
DEPTH LANDED: 369'
HOLE SIZE: 12-1/4"
CEMENT DATA: 200 sxs Class G

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: L-80
WEIGHT: 17#
LENGTH: 140 jts
DEPTH LANDED: 6050'
HOLE SIZE: 7-7/8"
CEMENT DATA: 390 sxs Hi-Lift, 540 sxs Class G
CEMENT TOP AT: 540'

TUBING

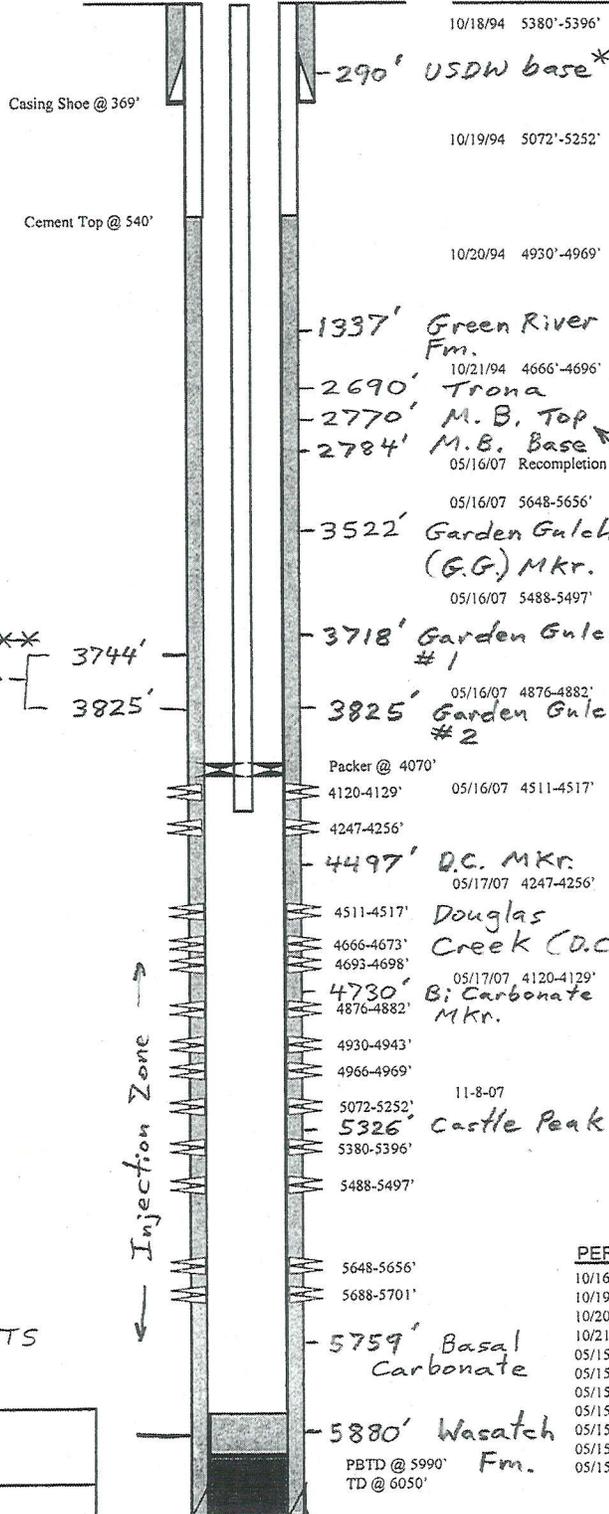
SIZE/GRADE/WT: 2-7/8"
NO. OF JOINTS: 180 jts (5612 14)
TUBING ANCHOR: 2.80' @ (5624.14' KB)
NO. OF JOINTS: 3 jts (96.34)
SEATING NIPPLE: 1.10' @ 5723.28' KB
NO. OF JOINTS: 1 jts (29.94)
TOTAL STRING LENGTH: BOT @ 5754.77'

Confining Zone **
Shale "B" → [3744' - 3825'

* Elevation of USDW base: 5,000'
Depth (KB) of USDW base: 290'

** There is no 80% CBI cement in the Confining Zone - A RTS is needed.

Proposed Injection Wellbore Diagram



FRAC JOB

10/18/94 5380'-5396' Frac as follows:
1000 gals 7-1/2% HCL + 50 7/8" ball sealers. 20,000 gals 35# XL Borate gel + 24,000# 16/30 Ottawa sand + 12,000# 16/30 RC sand.

10/19/94 5072'-5252' Frac as follows:
2000 gal 7-1/2% HCL + 70 7/8" balls. 24,000 gals 35# XL Borate gel + 24,000# 16/30 Ottawa sand + 12,000# 16/30 RC sand.

10/20/94 4930'-4969' Frac as follows:
1000 gal 7-1/2% HCL + 25 7/8" balls. 20,000 gals 35# XL Borate gel + 24,000# 16/30 Ottawa sand + 12,000# 16/30 RC sand.

10/21/94 4666'-4696' Frac as follows:
1000 gal 7-1/2% HCL + 40 7/8" balls. 24,000# gals 35# XL Borate gel + 24,000# 16/30 Ottawa sand + 12,000# 16/30 RC sand.

05/16/07 Recompletion **Mahogany Bench (M.B.)**
Frac CP5 sands as follows:
77154#s 20/40 sand in 667 bbls Lightning 17 frac fluid. Treated @ avg press of 3340 psi w/avg rate of 14.3 BPM. ISIP 2170 psi. Calc flush: 3361 gal. Actual flush: 1344 gal.

05/16/07 5648-5656' Frac CP3 sands as follows:
18021#s 20/40 sand in 207 bbls Lightning 17 frac fluid. Treated @ avg press of 3692 psi w/avg rate of 14.3 BPM. ISIP 2050 psi. Calc flush: 2352 gal. Actual flush: 1302 gal.

05/16/07 5488-5497' Frac A.S sands as follows:
22161#s 20/40 sand in 211 bbls Lightning 17 frac fluid. Treated @ avg press of 4087 psi w/avg rate of 14.3 BPM. ISIP 2315 psi. Calc flush: 2165 gal. Actual flush: 1176 gal.

05/16/07 4876-4882' Frac D1 sands as follows:
15955#s 20/40 sand in 157 bbls Lightning 17 frac fluid. Treated @ avg press of 3435 psi w/avg rate of 14.3 BPM. ISIP 2189 psi. Calc flush: 2561 gal. Actual flush: 1134 gal.

05/17/07 4247-4256' Frac PB10 sands as follows:
40171#s 20/40 sand in 334 bbls Lightning 17 frac fluid. Treated @ avg press of 3590 psi w/avg rate of 14.3 BPM. ISIP 2320 psi. Calc flush: 2819 gal. Actual flush: 1050 gal.

05/17/07 4120-4129' Frac PB7 sands as follows:
20107#s 20/40 sand in 223 bbls Lightning 17 frac fluid. Treated @ avg press of 3492 psi w/avg rate of 14.3 BPM. ISIP 2189 psi. Calc flush: 2819 gal. Actual flush: 1050 gal.

11-8-07 Pump Change. Updated rod & tubing details.

PERFORATION RECORD

Date	Depth Range	Number of Holes	Hole Size
10/16/94	5380'-5396'	36	0.45" holes
10/19/94	5072'-5252'	46	0.45" holes
10/20/94	4930'-4969'	22	0.45" holes
10/21/94	4666'-4696'	28	0.45" holes
05/15/07	5688-5701'	4 JSPF	52 holes
05/15/07	5648-5656'	4 JSPF	32 holes
05/15/07	5488-5497'	4 JSPF	36 holes
05/15/07	4876-4882'	4 JSPF	24 holes
05/15/07	4511-4517'	4 JSPF	24 holes
05/15/07	4247-4256'	4 JSPF	36 holes
05/15/07	4120-4129'	4 JSPF	36 holes

NEWFIELD

FEDERAL 14-9H

0739 FSL 0768 FWL
SW/SW Section 9, T9S R17E
DUCHESNE CO, UTAH

API #43-013-31459; LEASE #UTU-50750

UT20771-08867

Spud Date: 9/25/94

Put on Production: 11/5/94

GL: 5275' KB: 5290'

Federal #14-9H

Tom Aalto, EPA
REA

Initial Production: 50 BOPD,
TSTM MCFPD, 0 BWPD

SURFACE CASING

CSG SIZE: 9-5/8"

GRADE: K-55

WEIGHT: 36#

LENGTH: N/A

DEPTH LANDED: 369'

HOLE SIZE: 12-1/4"

CEMENT DATA: 200 sks Class G

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: L-80

WEIGHT: 17#

LENGTH: 140 jts

DEPTH LANDED: 6050'

HOLE SIZE: 7-7/8"

CEMENT DATA: 390 sks Hi-Lift, 540 sks Class G

CEMENT TOP AT: 540'

Proposed P & A Wellbore Diagram

Plug 4

Casing Shoe @ 369'

Circulate 141 sx Class "G" Cement down 5-1/2" casing and up the 5-1/2" x 9-5/8" annulus

Perforate 4 JSPF @ 419'

Cement Top @ 540'

Plug 3

120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below (1277'-1397')

Plug 2

194' balance plug using 22 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale (2640'-2834')

Plug 1

100' (12 sx) Class G Cement plug on top of CIBP

CIBP @ 4070'

4120-4129'

4247-4256'

4511-4517'

4666-4673'

4693-4698'

4876-4882'

4930-4943'

4966-4969'

5072-5252'

5380-5396'

5488-5497'

5648-5656'

5688-5701'

PBTD @ 5990'

TD @ 6050'

NEWFIELD



FEDERAL 14-9H

0739 FSL 0768 FWL

SW/SW Section 9, T9S R17E

DUCHESNE CO, UTAH

API #43-013-31459; LEASE #UTU-50750

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-50750

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GMBU

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

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
FEDERAL 14-9H

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301331459

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

10. FIELD AND POOL, OR WILDCAT:
GREATER MB UNIT

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 739 FSL 768 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSW, 9, T9S, R17E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 04/07/2011	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The subject well has been converted from a producing oil well to an injection well on 03/31/2011.

On 04/01/2011 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 04/07/2011 the casing was pressured up to 1250 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT20771-08867 API# 43-013-31459

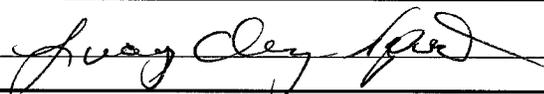
**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

**RECEIVED
APR 11 2011
DIV. OF OIL, GAS & MINING**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Water Services Technician

SIGNATURE



DATE 04/08/2011

(This space for State use only)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-50750
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include area code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or GMBU
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 739 FSL 768 FWL SWSW Section 9 T9S R17E		8. Well Name and No. FEDERAL 14-9H
		9. API Well No. 4301331459
		10. Field and Pool, or Exploratory Area GREATER MB UNIT
		11. County or Parish, State DUCHESNE, UT

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

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

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

The subject well has been converted from a producing oil well to an injection well on 03/31/2011.

On 04/01/2011 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 04/07/2011 the casing was pressured up to 1250 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT20771-08867 API# 43-013-31459

RECEIVED

APR 11 2011

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed) Lucy Chavez-Naupoto	Title Water Services Technician
Signature 	Date 04/08/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 04/07/11
 Test conducted by: Dale Giles
 Others present: _____

Well Name: <u>Pleasant Valley 14-9H-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>SW/SW</u> Sec: <u>9</u> T <u>9</u> N <u>18</u> R <u>17</u> E/W County: <u>Duchesne</u> State: <u>Ut.</u>		
Operator: <u>Newfield Production Co.</u>		
Last MIT: <u>1</u> / <u>1</u>		Maximum Allowable Pressure: _____ PSIG

RECEIVED
APR 11 2011

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No

If Yes, rate: 0 OF OIL, GAS & MINING bpd

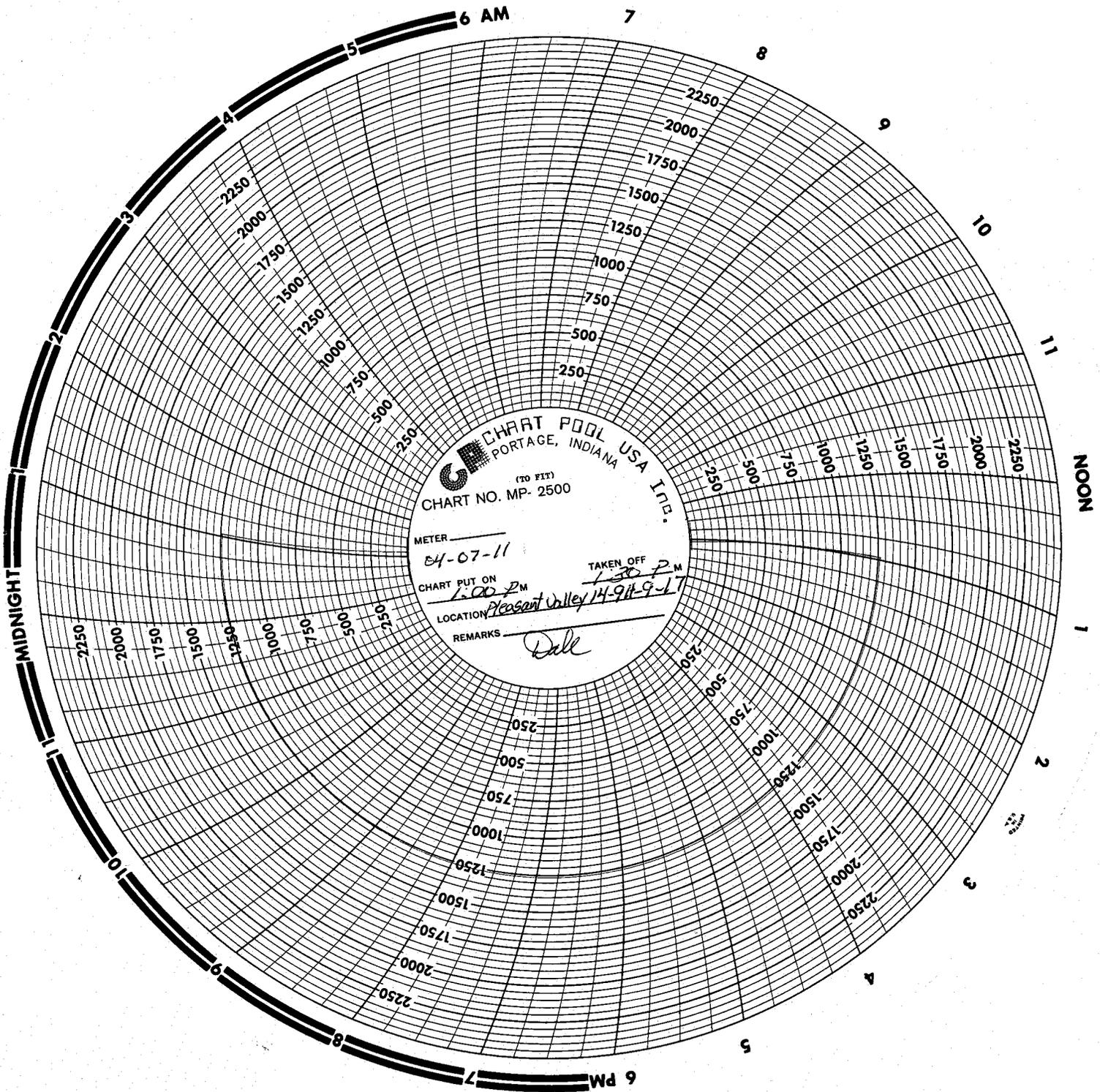
Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1250</u> psig	psig	psig
5 minutes	<u>1250</u> psig	psig	psig
10 minutes	<u>1250</u> psig	psig	psig
15 minutes	<u>1250</u> psig	psig	psig
20 minutes	<u>1250</u> psig	psig	psig
25 minutes	<u>1250</u> psig	psig	psig
30 minutes	<u>1250</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

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

MECHANICAL INTEGRITY PRESSURE TEST

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



RECEIVED

APR 11 2011

DIV. OF OIL, GAS & MINING

Daily Activity Report**RECEIVED****Format For Sundry****APR 11 2011****FEDERAL 14-9H-9-17****DIV. OF OIL, GAS & MINING****1/1/2011 To 5/30/2011****4/1/2011 Day: 2****Conversion**

WWS #7 on 4/1/2011 - Con't LD tbg & BHA. TIH W/ packer & test injection string. Set and test packer. RDMOSU. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & unseat rod pump. Flush tbg & rods W/ 30 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 15 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Re-flushed rods twice more on TOH. ND wellhead & release TA @ 5612'. NU BOP. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. Out W/ 48 jts. SIFN. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & unseat rod pump. Flush tbg & rods W/ 30 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 15 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Re-flushed rods twice more on TOH. ND wellhead & release TA @ 5612'. NU BOP. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. Out W/ 48 jts. SIFN. - Perform MIT. Run Vaughn Energy Services gyro survey. - Perform MIT. Run Vaughn Energy Services gyro survey. - RU HO trk to tbg & flush W/ 30 BW @ 250°F. Con't TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 54 jts & BHA. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 130 jts 2 7/8 8rd 6.5# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4050', CE @ 4054' & EOT @ 4058'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holds solid for 1 hour. RDMOSU. - RU HO trk to tbg & flush W/ 30 BW @ 250°F. Con't TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 54 jts & BHA. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 130 jts 2 7/8 8rd 6.5# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4050', CE @ 4054' & EOT @ 4058'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holds solid for 1 hour. RDMOSU. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & unseat rod pump. Flush tbg & rods W/ 30 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 15 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Re-flushed rods twice more on TOH. ND wellhead & release TA @ 5612'. NU BOP. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. Out W/ 48 jts. SIFN. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & unseat rod pump. Flush tbg & rods W/ 30 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 15 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Re-flushed rods twice more on TOH. ND wellhead & release TA @ 5612'. NU BOP. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. Out W/ 48 jts. SIFN. - Perform MIT. Run Vaughn Energy Services gyro survey. - Perform MIT. Run Vaughn Energy Services gyro survey. - RU HO trk to tbg & flush W/ 30 BW @ 250°F. Con't TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins.

LD btm 54 jts & BHA. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 130 jts 2 7/8 8rd 6.5# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4050', CE @ 4054' & EOT @ 4058'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holds solid for 1 hour. RDMOSU. - RU HO trk to tbg & flush W/ 30 BW @ 250°F. Con't TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 54 jts & BHA. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 130 jts 2 7/8 8rd 6.5# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4050', CE @ 4054' & EOT @ 4058'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holds solid for 1 hour. RDMOSU. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$45,616

4/8/2011 Day: 3

Conversion

Rigless on 4/8/2011 - MIT on well - On 4/1/2011 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well (Fed 14-9H-9-17). On 4/7/2011 the csg was pressured up to 1250 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20771-08867 API# 43-013-31459 - On 4/1/2011 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well (Fed 14-9H-9-17). On 4/7/2011 the csg was pressured up to 1250 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20771-08867 API# 43-013-31459 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$62,762

Pertinent Files: [Go to File List](#)

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APR 11 2011

DIV. OF OIL, GAS & MINING



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

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

MAY 26 2011

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Reed Durfey
District Manager
Newfield Production Company
Route 3 – Box 3630
Myton, Utah 84052

RECEIVED

JUN 02 2011

DIV. OF OIL, GAS & MINING

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

RE: Underground Injection Control (UIC)
Limited Authorization to Inject
Federal 14-9H-9-17
EPA UIC Permit UT20771-08867
SWSW Sec. 9-T9S-R17E
Duchesne County, Utah
API No.: 43-013-31459

Dear Mr. Durfey:

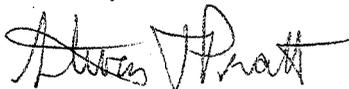
The U.S. Environmental Protection Agency (EPA), Region 8, has received Newfield Production Company's (Newfield) April 8, 2011, letter with enclosures. The enclosed Part I (internal) Mechanical Integrity test, Well Rework Record (EPA Form 7520-12), schematic diagram, and calculated pore pressure were reviewed and approved by the EPA, satisfactorily completing all Prior to Commencing Injection Requirements for UIC Permit UT20771-08867.

As of the date of this letter, Newfield is authorized to commence injection into the Federal 14-9H-9-17 well at a Maximum Allowable Injection Pressure (MAIP) of 1,195 psig for a limited period of 180 days, during which time a Radioactive Tracer Survey (RTS) is required according to UIC Permit UT20771-08867. If Newfield seeks a higher MAIP than 1,195 psig, it may be advantageous to run a Step Rate Test prior to conducting the RTS because a RTS conducted at the higher MAIP will be required. Newfield must receive prior authorization from the Director to inject at pressures greater than the permitted MAIP during any test.

Please remember that it is Newfield's responsibility to be aware of and to comply with all conditions of Permit UT20771-08867.

If you have questions regarding the above action, please call Emmett Schmitz at 303-312-6174 or 800-227-8917, extension 312-6174. The RTS log with interpretation should be mailed to Jason Deardorff at the letterhead address, citing mail code 8P-W-GW.

Sincerely,



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

cc: Uintah & Ouray Business Committee:

- Richard Jenks, Jr., Chairman
- Frances Poowegup, Vice-Chairwoman
- Ronald Wopsock, Councilman
- Phillip Chimburas, Councilman
- Stewart Pike, Councilman
- Irene Cuch, Councilwoman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

Manual Myore
Director of Energy & Minerals Dept.
Ute Indian Tribe

Brad Hill
Acting Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst
Newfield Production Company

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

Spud Date: 9/25/94
 Put on Production: 11/5/94
 GL: 5275' KB: 5290'

Federal 14-9H-9-17

Initial Production: 50 BOPD.
 TSTM MCFPD, 0 BWPD

SURFACE CASING

CSG SIZE: 9-5/8"
 GRADE: K-55
 WEIGHT: 36#
 LENGTH: N/A
 DEPTH LANDED: 369'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 290 sxs Class G

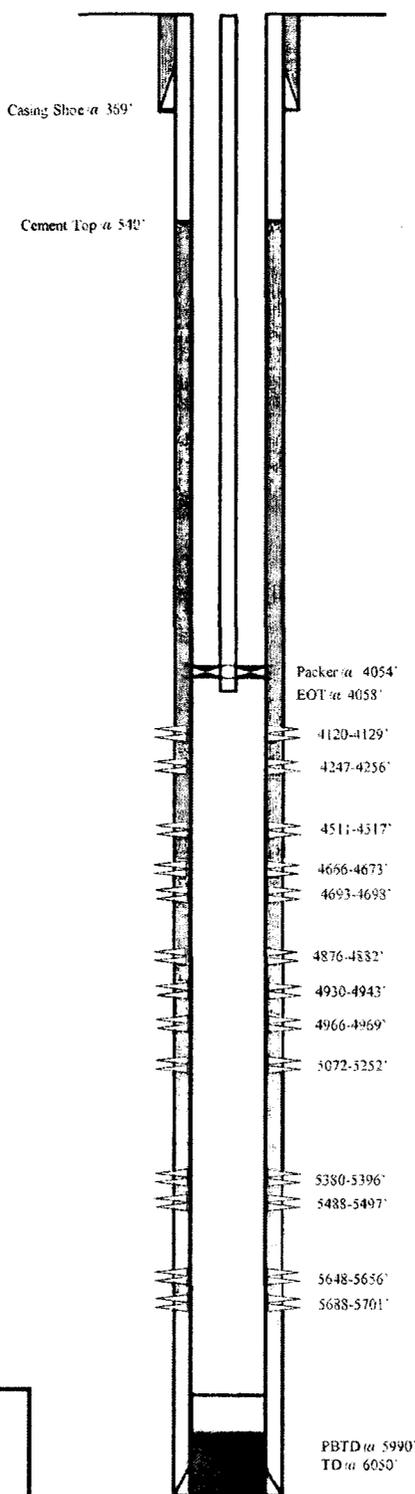
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: L-80
 WEIGHT: 17#
 LENGTH: 140 jts
 DEPTH LANDED: 6050'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 390 sxs Hi-Lift, 540 sxs Class G
 CEMENT TOP AT: 540'

TUBING

SIZE GRADE WT.: 2-7/8" J-55 6.5#
 NO. OF JOINTS: 130 jts (4037.8)
 SEATING NIPPLE: 2-7/8" (1.10")
 SN LANDED @ 4049.5' KB
 CE @ 4054.35'
 TOTAL STRING LENGTH: EOT @ 4058'

Injection Wellbore Diagram



FRAC JOB

10/18/94	5380'-5396'	Frac as follows: 1000 gals 7-1/2% HCL + 50 7/8" ball sealers, 20,000 gals 35# XL Borate gel + 24,000# 16/30 Ottawa sand + 12,000# 16/30 RC sand.
10/19/94	5072'-5252'	Frac as follows: 2000 gal 7-1/2% HCL + 70 7/8" balls, 24,000 gals 35# XL Borate gel + 24,000# 16/30 Ottawa sand + 12,000# 16/30 RC sand.
10/20/94	4930'-4969'	Frac as follows: 1000 gal 7-1/2% HCL + 25 7/8" balls, 20,000 gals 35# XL Borate gel + 24,000# 16/30 Ottawa sand + 12,000# 16/30 RC sand.
10/21/94	4666'-4696'	Frac as follows: 1000 gal 7-1/2% HCL + 40 7/8" balls, 24,000# gals 35# XL Borate gel + 24,000# 16/30 Ottawa sand + 12,000# 16/30 RC sand.
05/16/07		Recompletion
05/16/07	5648-5701'	Frac BS & CP5 sands as follows: 77154#'s 20/40 sand in 667 bbls Lightning 17 frac fluid. Treated @ avg press of 3340 psi w avg rate of 14.3 BPM. ISIP 2170 psi. Calc flush: 3361 gal Actual flush: 1344 gal.
05/16/07	5488-5497'	Frac CP3 sands as follows: 18021#'s 20/40 sand in 207 bbls Lightning 17 frac fluid. Treated @ avg press of 3692 psi w avg rate of 14.3 BPM. ISIP 2050 psi. Calc flush: 2352 gal Actual flush: 1302 gal.
05/16/07	4876-4882'	Frac A.S sands as follows: 22161#'s 20/40 sand in 211 bbls Lightning 17 frac fluid. Treated @ avg press of 4087 psi w avg rate of 14.3 BPM. ISIP 2315 psi. Calc flush: 2163 gal Actual flush: 1176 gal.
05/16/07	4511-4517'	Frac D1 sands as follows: 15955#'s 20/40 sand in 157 bbls Lightning 17 frac fluid. Treated @ avg press of 3435 psi w avg rate of 14.3 BPM. ISIP 2189 psi. Calc flush: 2561 gal Actual flush: 1134 gal.
05/17/07	4247-4256'	Frac PB10 sands as follows: 40171#'s 20/40 sand in 334 bbls Lightning 17 frac fluid. Treated @ avg press of 3590 psi w avg rate of 14.3 BPM. ISIP 2320 psi. Calc flush: 2819 gal Actual flush: 1050 gal.
05/17/07	4120-4129'	Frac PB7 sands as follows: 20107#'s 20/40 sand in 223 bbls Lightning 17 frac fluid. Treated @ avg press of 3492 psi w avg rate of 14.3 BPM. ISIP 2189 psi. Calc flush: 2819 gal Actual flush: 1050 gal.
11-8-07		Pump Change. Updated rod & tubing details
03/31/11		Convert to Injection Well
04/07/11		Conversion MIT Finalized - update rbg detail

PERFORATION RECORD

10/16/94	5380'-5396'	36 - 0.45" holes
10/19/94	5072'-5252'	46 - 0.45" holes
10/20/94	4930'-4969'	22 - 0.45" holes
10/21/94	4666'-4696'	28 - 0.45" holes
05/15/07	5688-5701'	4 JSPF 52 holes
05/15/07	5648-5656'	4 JSPF 32 holes
05/15/07	5488-5497'	4 JSPF 36 holes
05/15/07	4876-4882'	4 JSPF 24 holes
05/15/07	4511-4517'	4 JSPF 24 holes
05/15/07	4247-4256'	4 JSPF 36 holes
05/15/07	4120-4129'	4 JSPF 36 holes

NEWFIELD



FEDERAL 14-9H-9-17

0739 FSL 0768 FWL

SW SW Section 9, T9S R17E

DUCHESNE CO. UTAH

API #43-013-31459; LEASE #UTU-50750

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
1. TYPE OF WELL Water Injection Well	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-50750
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
PHONE NUMBER: 435 646-4825 Ext	8. WELL NAME and NUMBER: FEDERAL 14-9H
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0739 FSL 0768 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 09 Township: 09.0S Range: 17.0E Meridian: S	9. API NUMBER: 43013314590000
	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/7/2016	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text" value="5 YR MIT"/>

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

5 YR MIT performed on the above listed well. On 03/07/2016 the casing was pressured up to 1044 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1539 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-08867

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 March 08, 2016

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 3/8/2016	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 3 / 17 / 2014
 Test conducted by: EVERETT UNRWIT
 Others present: _____

-08867

Well Name: <u>Federal 14-9H-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>SW SW</u> Sec: <u>9</u> T: <u>9</u> N: <u>(S) R 17</u> E/W County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>Newfield</u>		
Last MIT: <u>1 / 1</u>		Maximum Allowable Pressure: <u>1588</u> PSIG

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

Pre-test casing/tubing annulus pressure: _____ psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1541</u> psig	psig	psig
End of test pressure	<u>1539</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1045</u> psig	psig	psig
5 minutes	<u>1045</u> psig	psig	psig
10 minutes	<u>1044</u> psig	psig	psig
15 minutes	<u>1044</u> psig	psig	psig
20 minutes	<u>1044</u> psig	psig	psig
25 minutes	<u>1044</u> psig	psig	psig
30 minutes	<u>1044</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

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

MECHANICAL INTEGRITY PRESSURE TEST

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

Signature of Witness: _____

Federal 14-9H-9-17 (3-7-2016, 5 yr. MIT)
3/7/2016 9:30:28 AM

