



March 1, 1994

Bureau of Land Management
170 S. 500 E.
Vernal, UT 84078
Attn: Minerals Division

Re: PG & E Resources Company
Federal #7-19B
SW NE Sec. 19, T9S-R19E
Uintah County, Utah

Gentlemen:

Enclosed please find three copies of the Onshore Order No. 1 and associated attachments which have been submitted on behalf of PG & E Resources Company.

As you may be aware, this location was previously approved by your office on April 28, 1992. This location was never drilled and the ROW is longer in effect. As per my telephone conversation with Ed Forsman, it will not be necessary to re-onsite this location again, and your early approval would be greatly appreciated.

The road right of way request has been incorporated into the surface use plan. We are attaching our check in the amount of \$175.00 to cover the filing fees, along with some additional ROW maps which should be passed onto your Realty Department.

If you have any questions, or need additional information, please contact me at your earliest convenience.

All correspondence and approvals pertaining to the permitting process should be forwarded to Jim LaFevers, PG & E Resources Company at the Dallas address which is shown on the A.P.D. form and certification page. Your cooperation in this matter would be greatly appreciated.

Sincerely,

PERMITCO INC.

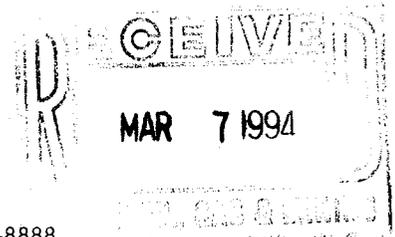
Lisa L. Smith
Consultant for:
PG & E RESOURCES COMPANY

Enc.

cc: PG & E Resources Company - Dallas, TX
PG & E Resources Company - Vernal, UT
✓ Utah Division of Oil, Gas & Mining - SLC, UT

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. UTU-65218
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 1980' FNL and 1980' FEL At proposed Prod. Zone SW NE Sec. 19, T9S - R19E		9. WELL NO. #7-19B
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 24.5 miles southeast of Myton, Utah		10. FIELD AND POOL OR WILDCAT Riverbend/Green River
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1980'	16. NO. OF ACRES IN LEASE 600	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 19, T9^S - R19E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. None	19. PROPOSED DEPTH 5600'	12. COUNTY OR PARISH Uintah
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4835' GR	17. NO. OF ACRES ASSIGNED TO THIS WELL 40	13. STATE Utah
20. ROTARY OR CABLE TOOLS Rotary		22. APPROX. DATE WORK WILL START* Upon approval of this application

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#	5,600'	500 cubic feet or suffic. to cover zones of interest.

PG & E Resources Company proposes to drill a well to 5600' 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 conditons 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. **Consultant for:**
SIGNED [Signature] TITLE PG & E Resources Co. DATE 03/1/94

PERMIT NO. 43-047-32 #799 APPROVAL DATE _____
APPROVED BY [Signature] TITLE ASSISTANT DISTRICT MANAGER MINERALS DATE APR 8 1994

cc: Utah Division of Oil, Gas & Mining

NOTICE OF APPROVAL
***See Instructions On Reverse Side**

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

Title 18 U.S.C. Section 1001, makes it a crime for any persn 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 mater within its jurisdiction.

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.

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

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., 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.

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 base of the usable water zone, identified at \pm 1,140 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.

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 \pm 940 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.

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.

All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to.

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 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).

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

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

Ed Forsman Petroleum Engineer	(801) 789-7077
Wayne Bankert Petroleum Engineer	(801) 789-7077
BLM FAX Machine	(801) 789-3634

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, spend 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.

WELL LOCATION INFORMATION

Company/Operator: PG&E Resources Company

API Number: 43-047-32479

Well Name & Number: 7-19B

Lease Number: U-65218

Location: SWNE Sec. 19 T. 9 S. R. 19 E.

Surface Ownership: Federal

Date NOS Received February 25, 1994

Date APD Received March 4, 1994

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.

SURFACE USE PROGRAM

Several fossils were observed at the southeastern edge of the well pad. As with all dirt work construction, if significant paleontological materials are encountered during construction of the well pad or access road, a paleontologist will be contacted to evaluate it.

**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"/>		7. UNIT AGREEMENT NAME N/A
1b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. FARM OR LEASE NAME Federal
2. NAME OF OPERATOR PG & E Resources Company		9. WELL NO. #7-19B
3. ADDRESS OF OPERATOR PERMITCO INC. - Agent		10. FIELD AND POOL OR WILDCAT Riverbond/Green River <i>Pariette Bench</i>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At Surface: 1980' FNL and 1980' FEL At proposed Prod. Zone: SW NE Sec. 19, T9S - R19E		11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA Sec. 19, T9S - R19E
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16. NO. OF ACRES IN LEASE 600	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 5600'	20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4835' GR	22. APPROX. DATE WORK WILL START* Upon approval of this application	

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24. SIGNED *Shirley G. Smith* CONSULTANT FOR: PG & E Resources Co. DATE 03/1/94

PERMIT NO. 43-047-32479 APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY: _____

cc: Utah Division of Oil, Gas & Mining

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 4-8-94
BY: J.P. Matthews
WELL SPACING: R649-

*See Instructions On Reverse Side

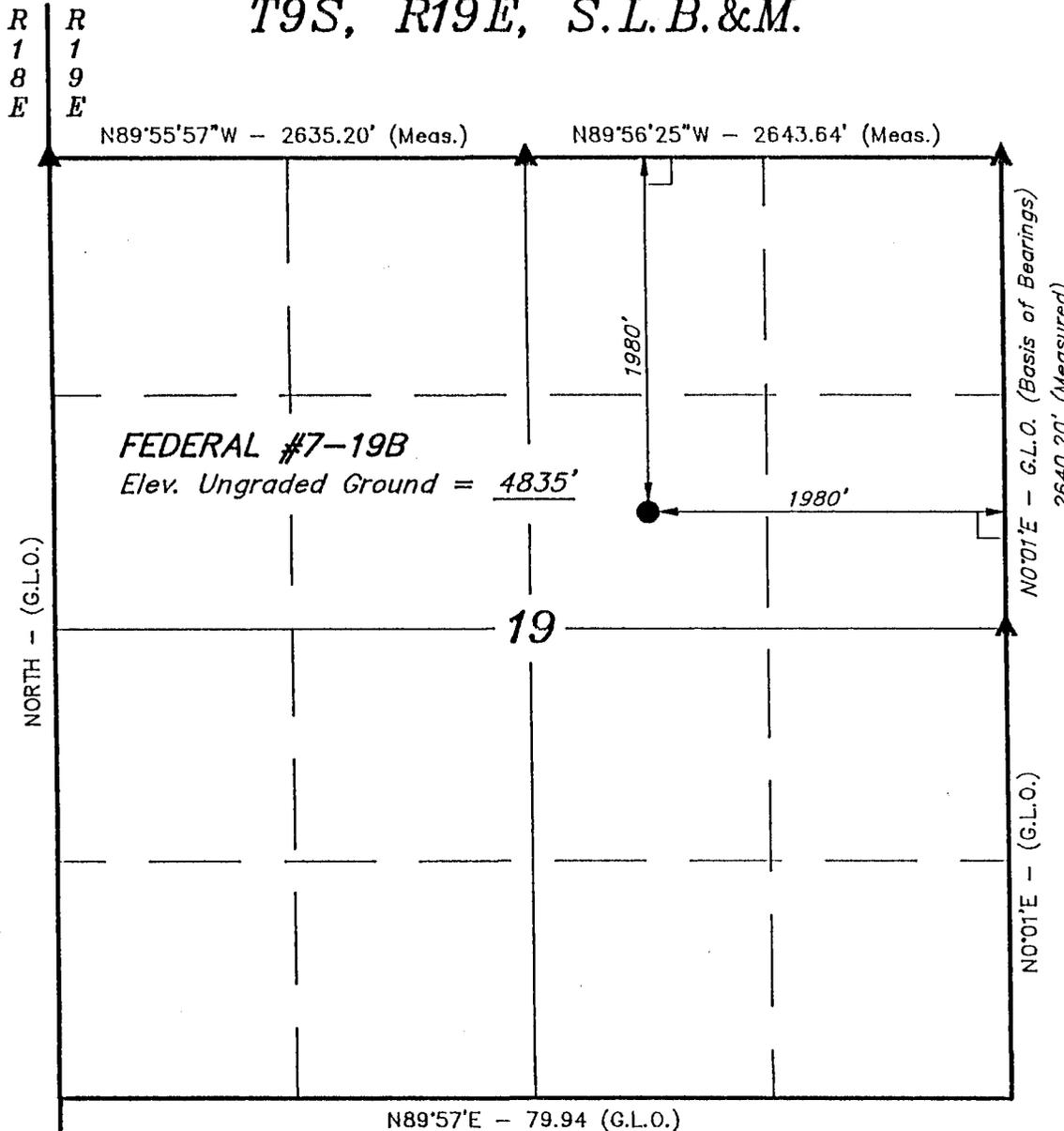
Title 18 U.S.C. Section 1001, makes it a crime for any persn knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any mater within its jurisdiction.

3-2

PG&E RESOURCES COMPANY

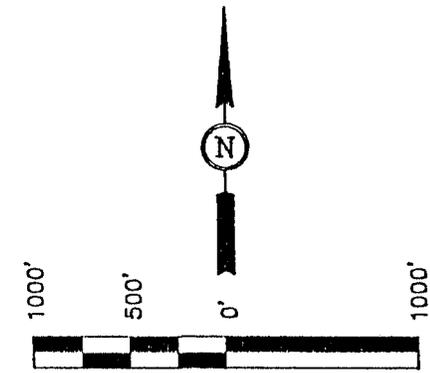
Well location, FEDERAL #7-19B, located as shown in the SW 1/4 NE 1/4 of Section 19, T9S, R19E, S.L.B.&M. Uintah County, Utah.

T9S, R19E, S.L.B.&M.



BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 19, T9S, R19E, S.L.B.&M. TAKEN FROM THE UTELAND BUTTE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4891 FEET.



SCALE

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.

Robert L. Gray
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 5709
 STATE OF UTAH

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

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED. (Brass Caps)

SCALE 1" = 1000'	DATE SURVEYED: 2-13-92	DATE DRAWN: 2-14-92
PARTY L.D.T. D.A. R.E.H.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE PG&E RESOURCES CO.	

CONFIDENTIAL - TIGHT HOLE

ONSHORE OIL & GAS ORDER NO. 1

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

**#7-19B Federal
1980' FNL and 1980' FEL
SW NE Sec. 19, T9S - R19E
Uintah County, Utah**

Prepared For:

PG & E RESOURCES COMPANY

By:

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

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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#7-19B Federal

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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	1052'	+3798'
D.C. Marker	4200'	+ 650'
"D"	4435'	+ 415'
"E"	4547'	+ 303'
"E ₂ "	4691'	+ 159'
E ₂ Carb.	4823'	+ 27'
"F"	5003'	- 153'
Basal Ls.	5369'	- 519'
Wasatch	5529'	- 679'
T.D.	5600'	

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Oil	DC ₄	4235-4295'
Oil	E Sands	4630-4680'
Oil	E ₂ Sands	4760-4780'
Oil	E ₂ Sands	4925'-4950'
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.	0-5600'	7-7/8"	5-1/2"	14#	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>	<u>Type and Amount</u>
0-350'	± 110 sx Class "A" Cement or sufficient volume to circulate to surface.



Production

Type and Amount

Approx. 500 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>
0-5600'	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. Drill stem tests will be run as warranted after log evaluation.

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, 2" and 5" from T.D. to base of surface casing. A Spectral Density Dual-Spaced Neutron Log, 5" from T.D. to 2500'.
- 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 2620 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 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.

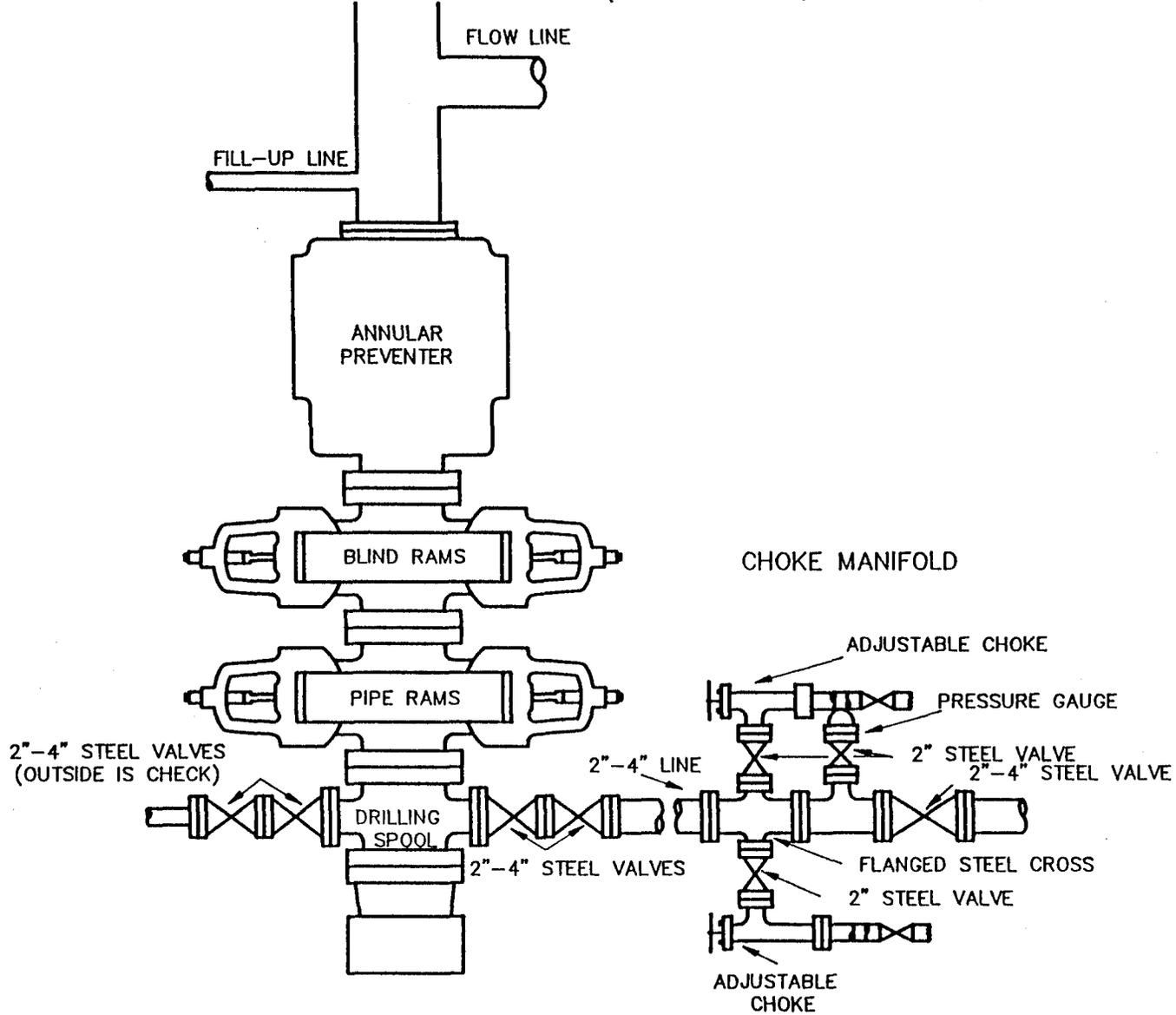


- j. Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.
- k. If a replacement rig is contemplated for completion operations, a "Sundry Notice" Form 3160-5 to that effect 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 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.

1. Existing Roads

- a. The proposed well site is located approximately 24.5 miles southeast 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 11.2 miles to the Castle Peak Mine. Stay left and proceed an additional 3.1 miles in a southeasterly direction. Proceed east for 6.7 miles to a fork in the road. Stay right and proceed 1.2 miles. Turn right and proceed southwest for 0.8 miles to the #33-18J well. Turn south and follow and existing jeep trail and new construction flagging for 0.9 miles to the proposed drillsite.



- 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. Approximately 0.5 mile of jeep trail will be upgraded. The remaining 0.4 mile will be new construction and was flagged at the time of staking.
- 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. The new and upgraded access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet. The total length of access road to be constructed or upgraded will be approximately 0.9 mile. Appropriate water control will be installed to control erosion.
- b. The maximum grade will be approximately 8%.
- c. No turnouts are planned.
- d. Low water crossings will be installed as needed. There are no major cuts and fills. No culverts and/or bridges will be required.
- e. The access road was centerline flagged at the time of staking.
- f. Surfacing material 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. This A.P.D. is to serve as our request for an amendment to ROW U-50803 which currently serves the #33-18J well. The new road would extend approximately 2300 feet south until it intersects with the lease boundary for Lease No. U-65218. See Map "C" attached.**

There are no other structures or facilities proposed at this time. The term of years requested is 30 years or the entire life of the well, whichever is longer.

The road will be used year round for transportation of oil and maintenance of equipment. The volume of product to be transported is unknown at this time.



Construction will begin immediately upon approval of this application and associated Right of Way due to a April 31, 1994 lease expiration. Anticipated construction time is 3-5 days. No temporary work areas will be necessary.

Attached is our check in the amount of \$175.00 to cover the application and monitoring fees.

1. 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.

3. Location of Existing Wells Within a 1-Mile Radius of the Proposed Location.
(See Map #B).
 - a. Water wells -none
 - b. Injection wells -none
 - c. Producing wells - one
 - d. Drilling wells - none
 - e. Shut-in wells - none
 - f. Temporarily abandoned wells - none
 - g. Disposal wells -none
 - h. Abandoned wells - one
 - i. Dry Holes - one



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 Brown (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. The required paint color is Desert Brown.
- b. If storage facilities/tank batteries are constructed on this lease, the facility/battery or the wellpad shall be 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 Cedar View Water source which is located S 1167', E 340', from North quarter corner of Section 27, T1S - R2W, Duchesne County, Utah. Permit No. 43-9974 A14289. (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. The need for a reserve pit liner will be determined during construction. Inspection will be made by the authorized officer.
- b. If a plastic nylon reinforced liner is used, it will be a minimum of 12 mil thickness with sufficient bedding (either straw or dirt) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.
- 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 northeast 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 south side of the location at point 1.
- d. Access to the wellpad will be from the east between points 7 and 8.
- e. See Location Layout for orientation of rig, cross section of drill pad and cuts and fills.
- f. The location of mud tanks; reserve pit, trash cage; pipe racks; living facilities and soil stockpiles will be shown on the Location Layout.



- g. During construction, all brush will be removed from the wellpad and access road and stockpiled separately from the topsoil.
- h. 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.
- i. 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. If a plastic nylon reinforced liner is used, it 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 90 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.

<u>Seed Mixture</u>	<u>Pounds/Acres*</u>	<u>Pure Live Seed</u>
Forage Kochia (Kochia prostrata)		1
Ephriam Crested Wheatgrass (Agropyron cristatum Ephriam)		5
Russian Wildrye (Elymus junceus)		4
Fourwing Saltbush (Atriplex canescens)	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 - All roads are County maintained or managed by the Bureau of Land Management.

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 has been submitted to the appropriate agencies by Sagebrush Archeological Consultants.

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 300 feet south of the location. A copy of the BLM specifications, "Minimum Standards for Dams Impounding Under 10 Acre Feet" is attached hereto. A BLM representative will be present at the start of construction.
- 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 and ROW grant, if applicable 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
Ed Forsman
BLM Fax Machine

Petroleum Engineer
Petroleum Engineer

801/781-1190
801/789-7077
801/789-3634

ONSHORE ORDER NO. 1
PG & E Resources Company
#7-19B Federal
1980' FNL and 1980' FEL
SW NE Sec. 19, T9S - R19E
Uintah County, Utah

CONFIDENTIAL - TIGHT HOLE

Lease No. UTU-65218

SURFACE USE PLAN

Page 14

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
Mike McMican - 801/789-4573
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.

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

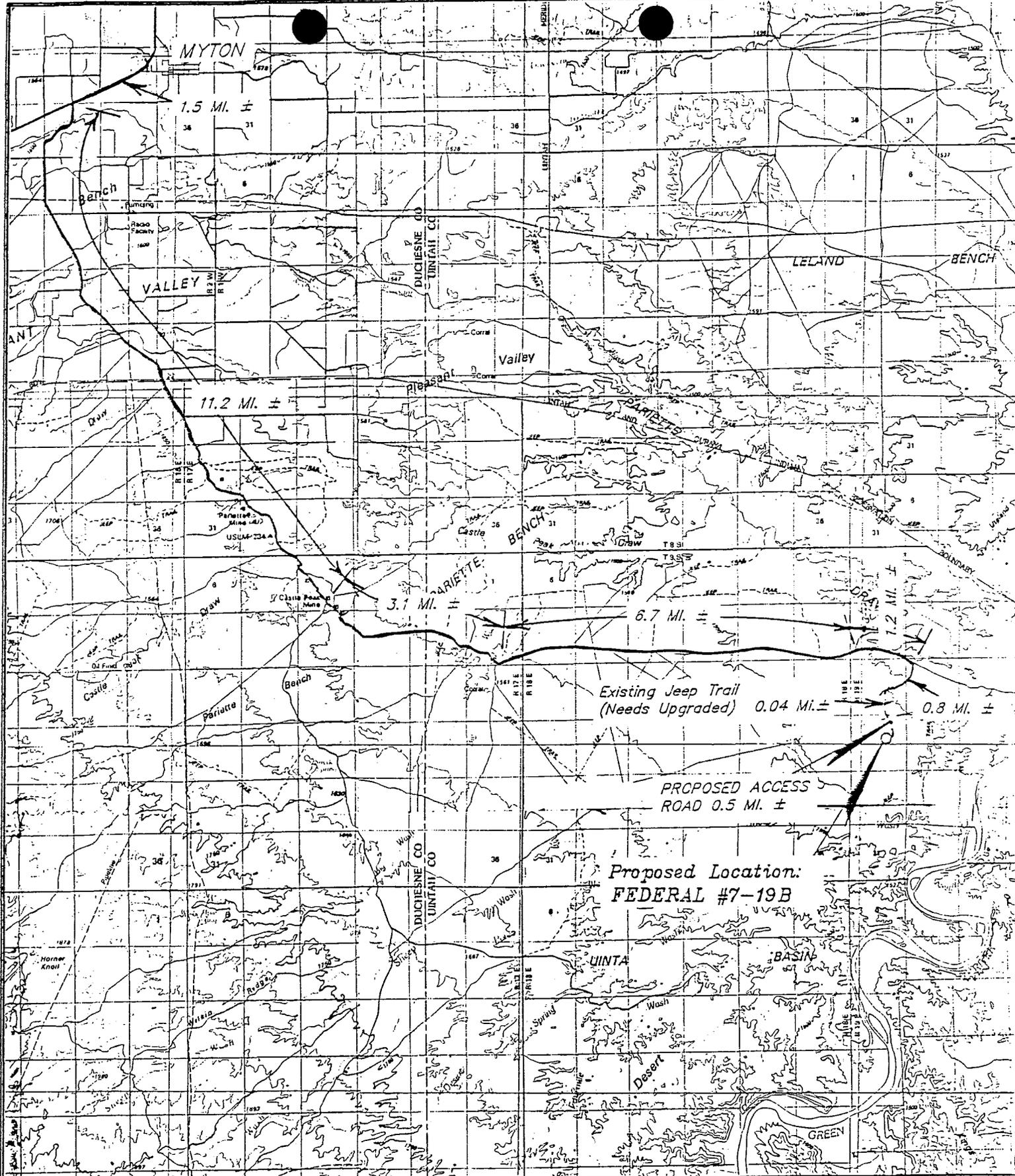
March 1, 1994
Date:



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



Permitco Incorporated
A Petroleum Permitting Company



TOPOGRAPHIC
MAP "A"

DATE 2-14-92 R.E.H.



PG&E RESOURCES COMPANY

FEDERAL #7-19B

SECTION 19, T9S, R19E, S.L.B.&M.

REVISED: 3-9-92 R.E.H.

R18E

R19E

N

Pariette

MYTON 22.5 MI. ±

County Road

LIGHT MOUNTAIN

13

17

FL

ATT

9

S

Proposed Location:
FEDERAL #7-19B

PROPOSED ACCESS
ROAD 0.5 MI. ±

Existing Jeep Trail
(Needs Upgraded) 0.04 MI. ±

WELL:
33-18

24

19

20

25

30

29

JEEP TRAIL

- ♣ Abandoned Well
- Producing Well
- Dry Hole

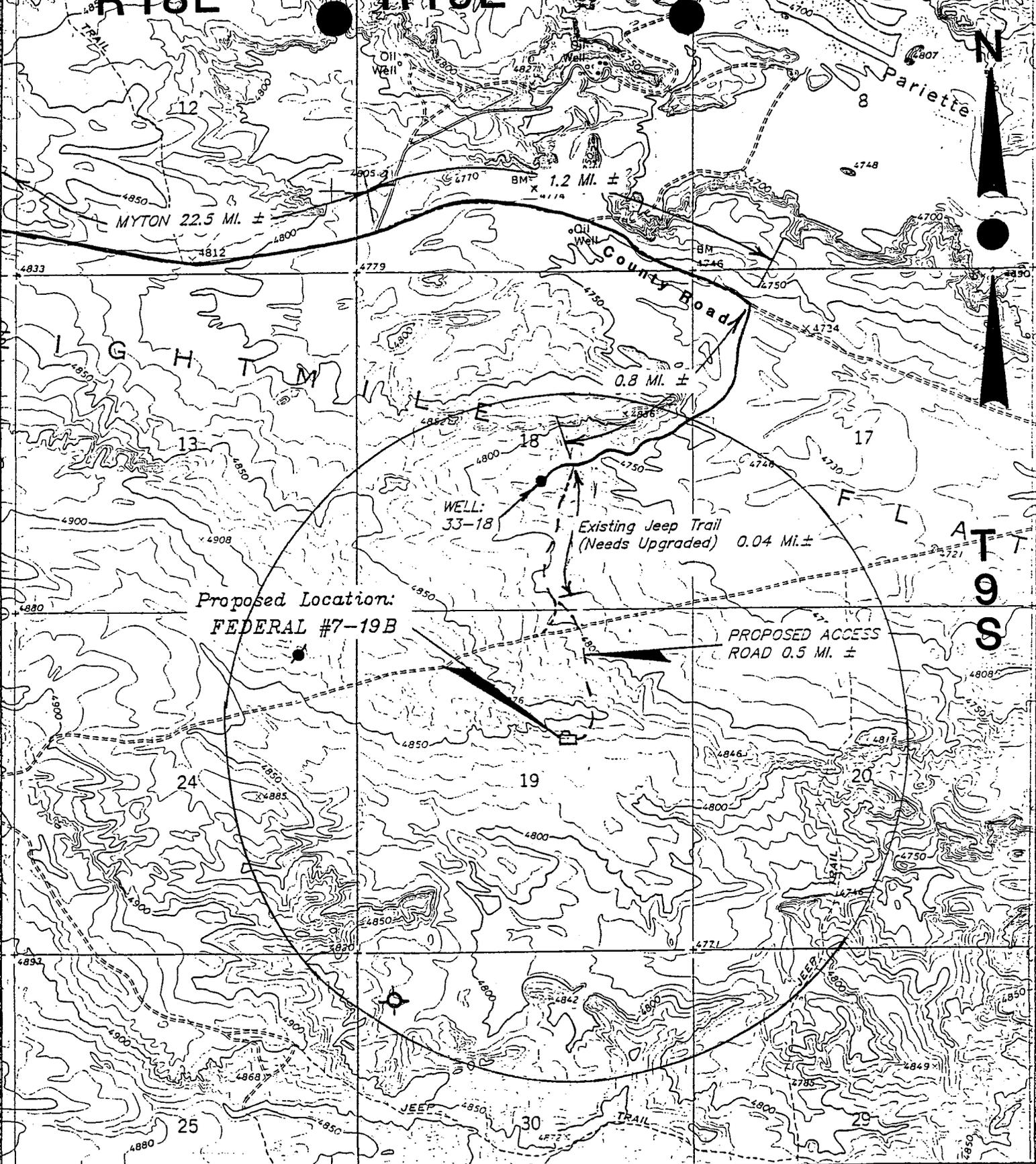
TOPOGRAPHIC
MAP "B"

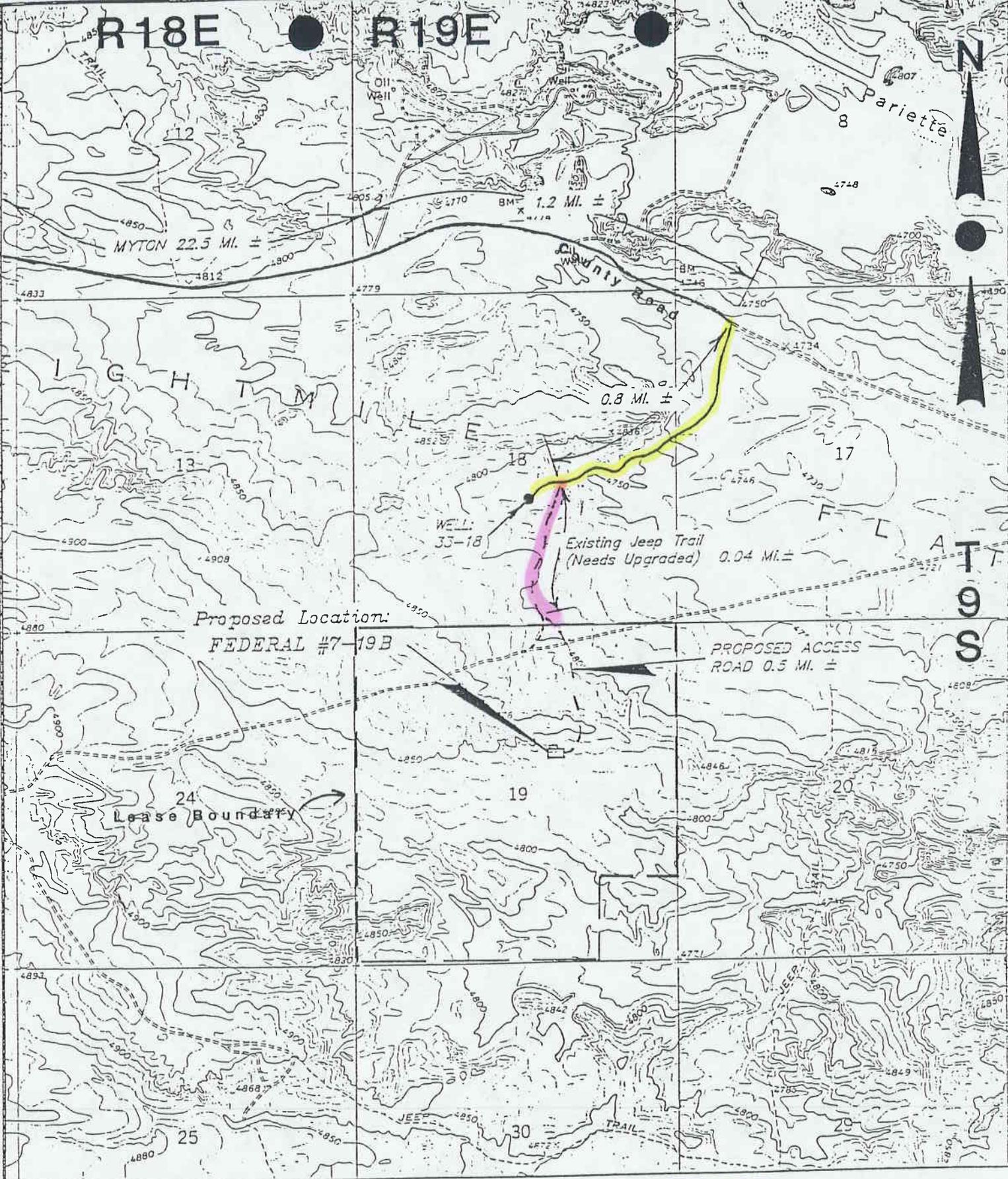
SCALE: 1" = 2000'
DATE 2-14-92 R.E.H.

PG&E RESOURCES COMPANY

FEDERAL #7-19B
SECTION 19, T9S, R19E, S.L.B.&M.

REVISED: 3-9-92 R.E.H.





Proposed Location:
FEDERAL #7-19B

PROPOSED ACCESS
 ROAD 0.5 MI. ±

Lease Boundary

MAP "C" - ROW MAP

TOPOGRAPHIC

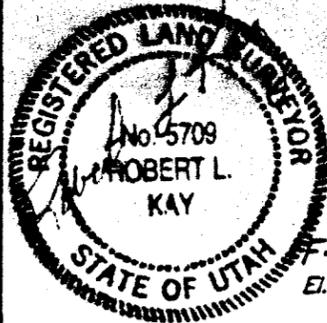
--- New Access to be Constructed

SCALE: 1" = 2000'
 DATE 2-14-92 R.E.H.

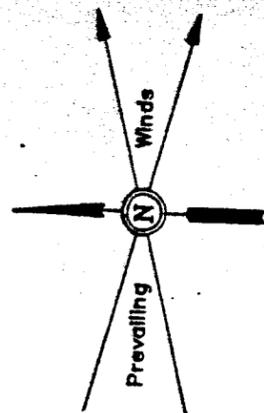
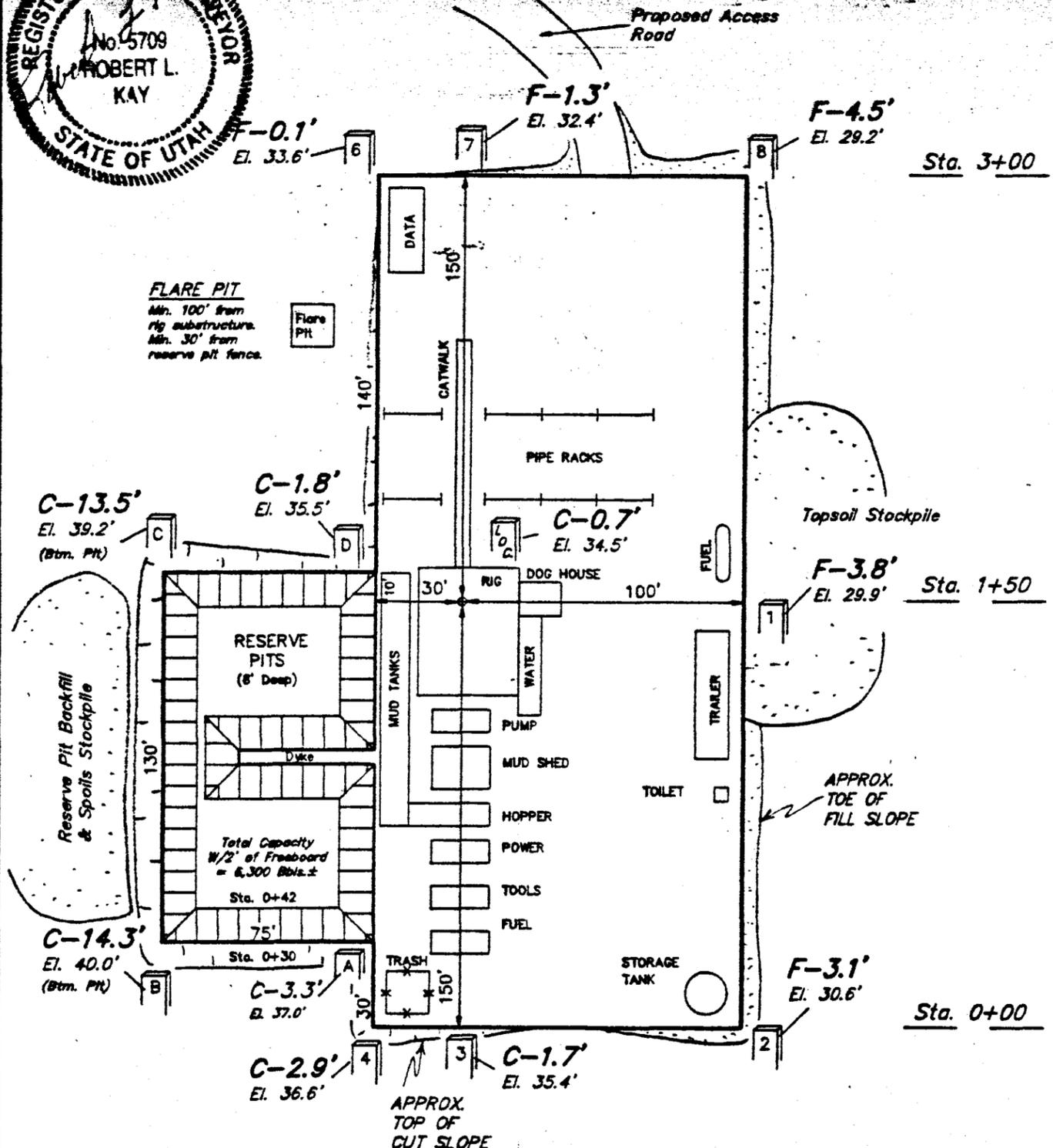
ROW #U-50803
PG&E RESOURCES COMPANY

FEDERAL #7-19B
 SECTION 19, T9S, R19E, S.L.B.&M.

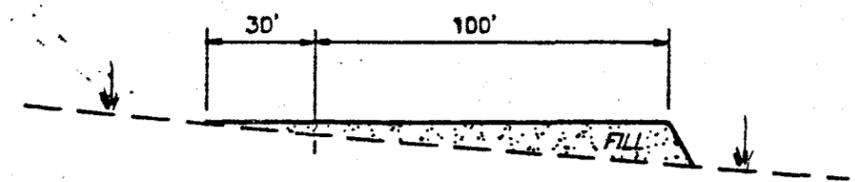
REVISED: 3-9-92 R.E.H.



PG&E RESOURCES COMPANY
LOCATION LAYOUT FOR
FEDERAL #7-19B
SECTION 19, T9S, R19E, S.L.B.&M.

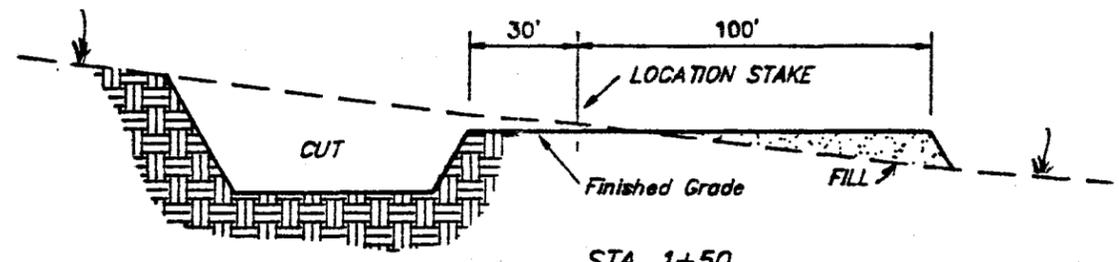


SCALE: 1" = 50'
 DATE: 2-14-92
 Drawn By: R.E.H.



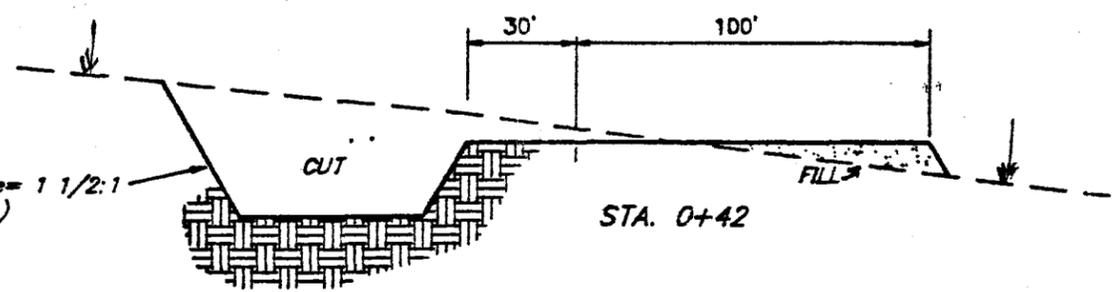
STA. 3+00

X-Section Scale
 1" = 20'
 1" = 50'

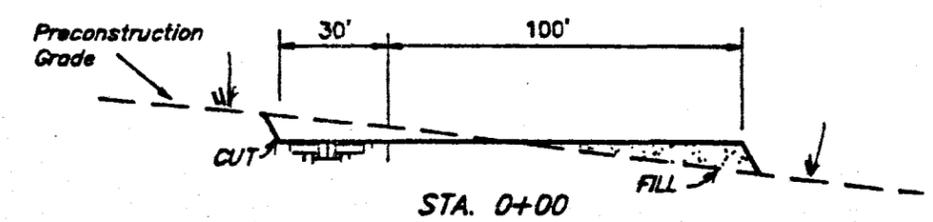


STA. 1+50

Slope = 1 1/2:1 (Typ.)



STA. 0+42



STA. 0+00

TYP. LOCATION LAYOUT

TYP. CROSS SECTIONS

APPROXIMATE YARDAGES

CUT		EXCESS MATERIAL AFTER 5% COMPACTION	= 1,880 Cu. Yds.
(6") Topsoil Stripping	= 800 Cu. Yds.	Topsoil & Pit Backfill (1/2 Pit Vol.)	= 1,880 Cu. Yds.
Remaining Location	= 3,850 Cu. Yds.	EXCESS UNBALANCE (After Rehabilitation)	= 10 Cu. Yds.
TOTAL CUT	= 4,750 CU.YDS.		
FILL	= 2,720 CU.YDS.		

Elev. Ungraded Ground at Location Stake = 4834.6'
 Elev. Graded Ground at Location Stake = 4833.7'

There are no federal stipulations at this time.



**A CULTURAL RESOURCES SURVEY OF
P G & E WELL FEDERAL #7-19B AND ITS ACCESS ROAD,
UINTAH COUNTY, UTAH**

by

Ann S. Polk
Senior Archaeologist

Prepared for:

P G & E Resources Company
85 South 200 East
Vernal, Utah 84078

Prepared by:

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

Under Authority of Cultural Resources Use Permit No. 91-UT-54630

and

State Antiquities Permit No. U-92-SJ-088b

Archaeological Report No. 513

March 24, 1992

INTRODUCTION

In March 1992, Michael McMican with P G & E Resources Company (P G & E) requested that Sagebrush Archaeological Consultants (Sagebrush) conduct a cultural resources inventory of well pad Federal #7-19B and its access road. The project area is located in T. 9S., R. 19E., S. 18 and 19, on the 7.5' USGS Uteland Butte, Utah Quadrangle (1964)(Figure 1). The wellhead itself lies in the SWNE of section 19 (1980 FNL, 1980 FEL). The proposed well location and access road lies on land controlled by the Bureau of Land Management (BLM). The project was carried out by the author under authority of Cultural Resources Use Permit No. 91-UT-54630 and Utah State Antiquities Permit No. U-92-SJ-088b.

A file search was carried out by Heather Weymouth at the State Historic Preservation Office in Salt Lake City on March 6 and 19, 1992 to determine if any cultural resources projects had been conducted or sites recorded in the project area. In addition, a file search was also done by Ann Polk and Heather Weymouth on March 9, 1992 at the Bureau of Land Management, Vernal District Office prior to conducting the fieldwork.

One project has been carried out in the vicinity of Federal #7-19B. In 1982, a well pad and its access road was surveyed in sections 17 and 18 and no sites were found. The proposed access road starts at this upgraded access road near the well location in section 18. One site (42UN1209) has been recorded about 0.4 mile north-northeast of the start of the proposed access road. Site 42UN1209 is a secondary quarry location with cores and flakes of local chert. This site was not considered eligible to the National Register of Historic Places (NRHP). No other cultural resources and no paleontological resources have been recorded near the project area.

The NRHP was also consulted prior to conducting the survey. No register sites were found to be in the vicinity of the current project area.

ENVIRONMENT

The well pad and access road lie on dissected tableland southwest of Ouray and west of the Green River. The area is characterized by low eroding hills and ridges, slightly sloping benches and shallow washes. Parts of the area are covered with some bedrock sandstone outcrops interspersed with sandy silt soils. Some clayey silt soils lie in the lower northern end of the survey area which lies in a shallow drainage. The elevation of the area ranges from about 4770 to 4850 feet a.s.l. Vegetation of the area covers about 20 percent of the surface and is predominately shadscale community species. Noted species include shadscale, four-wing saltbush, some rabbitbrush, bunchgrass, desert trumpet, prickly pear cactus and buckwheat.

The nearest permanent water source is the Green River which is located about 1.9 miles to the east-southeast. Natural disturbance in the area is primarily from extensive sheetwash erosion and some minor arroyo cutting. Cultural disturbance includes the existing oil field road which lies at the north end of the project area, a two-track road running north-south within the proposed corridor and another two-track road running northeast-southwest through section 19.

METHODOLOGY

The survey area covered during this project consists of a 10 acre parcel of land centered on the wellhead. The area was walked by the author and Heather Weymouth in east-west parallel transects spaced 15 meters apart. The access road was surveyed in a single zig-zag transect covering a corridor 100 feet wide and 0.9 mile long. In addition to the author's work, Alden Hamblin, Paleontologist with the Vernal Fieldhouse of Natural History, also walked the well pad area and the very southern end of the access road in order to evaluate the paleontological resources of the project area. The total area surveyed for this project is 20.91 acres.

RESULTS

No cultural resources were identified within the project area. Several fossils were observed at the southeastern edge of the well pad. Paleontologist Alden Hamblin of the Vernal Fieldhouse of Natural History was asked to appraise the significance of the paleontological resources. Two highly weathered Eocene age turtle shell fossils were found at the southeast edge of the well pad. He determined that the turtle shell fossils were generally weathered and lacking context. A letter from Mr. Hamblin and a paleontological locality form for this find are attached as an appendix.

RECOMMENDATIONS

Since no archaeological sites or isolates were found during the inventory of the well pad, cultural resources clearance is recommended. Mr. Hamblin's recommendation was that well site construction be allowed to proceed with the stipulation that if significant material is encountered, a paleontologist should be contacted to evaluate it (see appendix). Paleontological clearance is recommended.

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.

APPENDIX

March 23, 1992

Mike Polk
Sagebrush Archaeological Consultants
4263 Monroe Boulevard
Ogden, Utah 84403

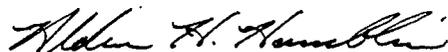
R.E.: Paleontology at PG&E Federal #7-19B

This location is on a gentle, slowly eroding slope. Only two fossil bone fragments (fairly weathered turtle shell fragments) were observed. These were just off the southeast corner of the location.

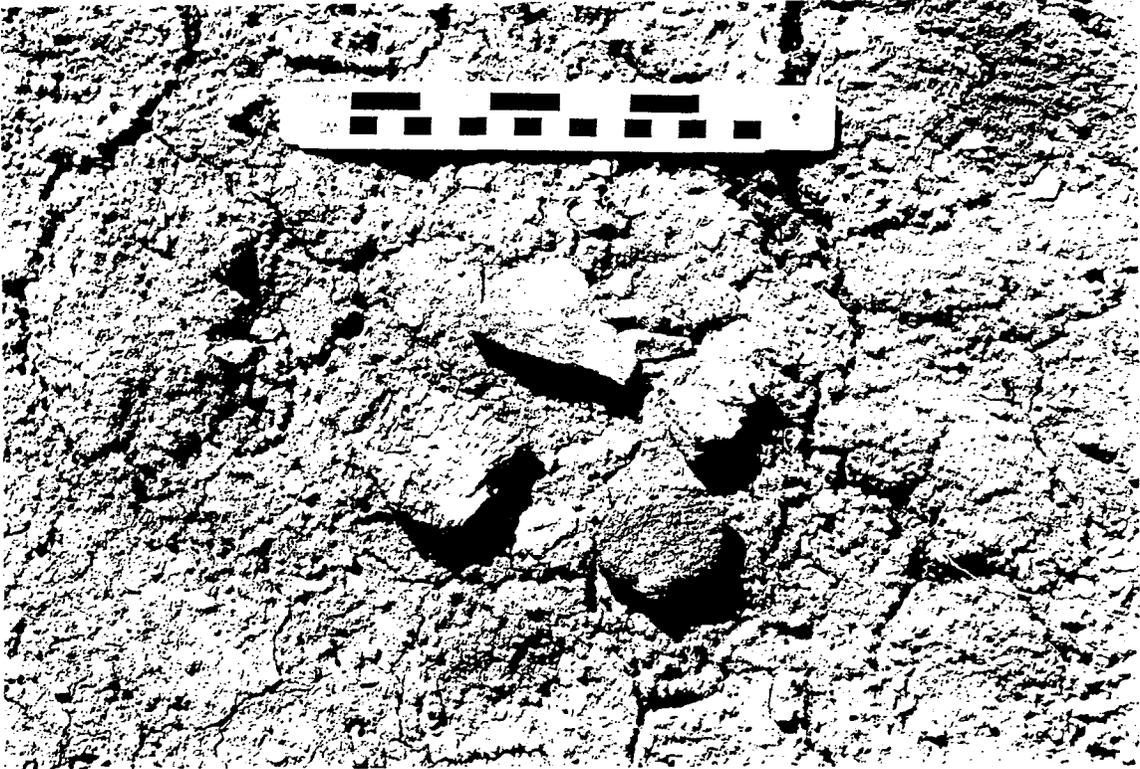
No mitigation is suggested for the location.

There is always some potential for finding fossil mammal bone in the Uinta Formation. If significant looking bone material is encountered during construction of the location site or access road, a paleontologist should be called to evaluate it.

Sincerely,



Alden H. Hamblin
Paleontologist
235 East Main
Vernal, Utah 84078



PG&E Well 7-19B. Close-up of weathered turtle shell fossils.



PG&E Well 7-19B. Area on and near pad of weathered turtle bone;
view to the west-northwest.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/07/94

API NO. ASSIGNED: 43-047-32479

WELL NAME: FEDERAL 7-19B
OPERATOR: PG & E RESOURCES COMPANY (N0595)

PROPOSED LOCATION:
SWNE 19 - T09~~MS~~- R19E
SURFACE: 1980-FNL-1980-FEL
BOTTOM: 1980-FNL-1980-FEL
UINTAH COUNTY
PARIETTE BENCH FIELD (640)

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering	<i>JMM</i>	4/8/94
Geology		
Surface		

LEASE TYPE: FED
LEASE NUMBER: UTU-65218

RECEIVED AND/OR REVIEWED:

Plat
 Bond: Federal State Fee
 (Number 4-187011)
 Potash (Y/N)
 Oil shale (Y/N)
 Water permit
 (Number 43-9974 A 14289)
 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 10-27-95

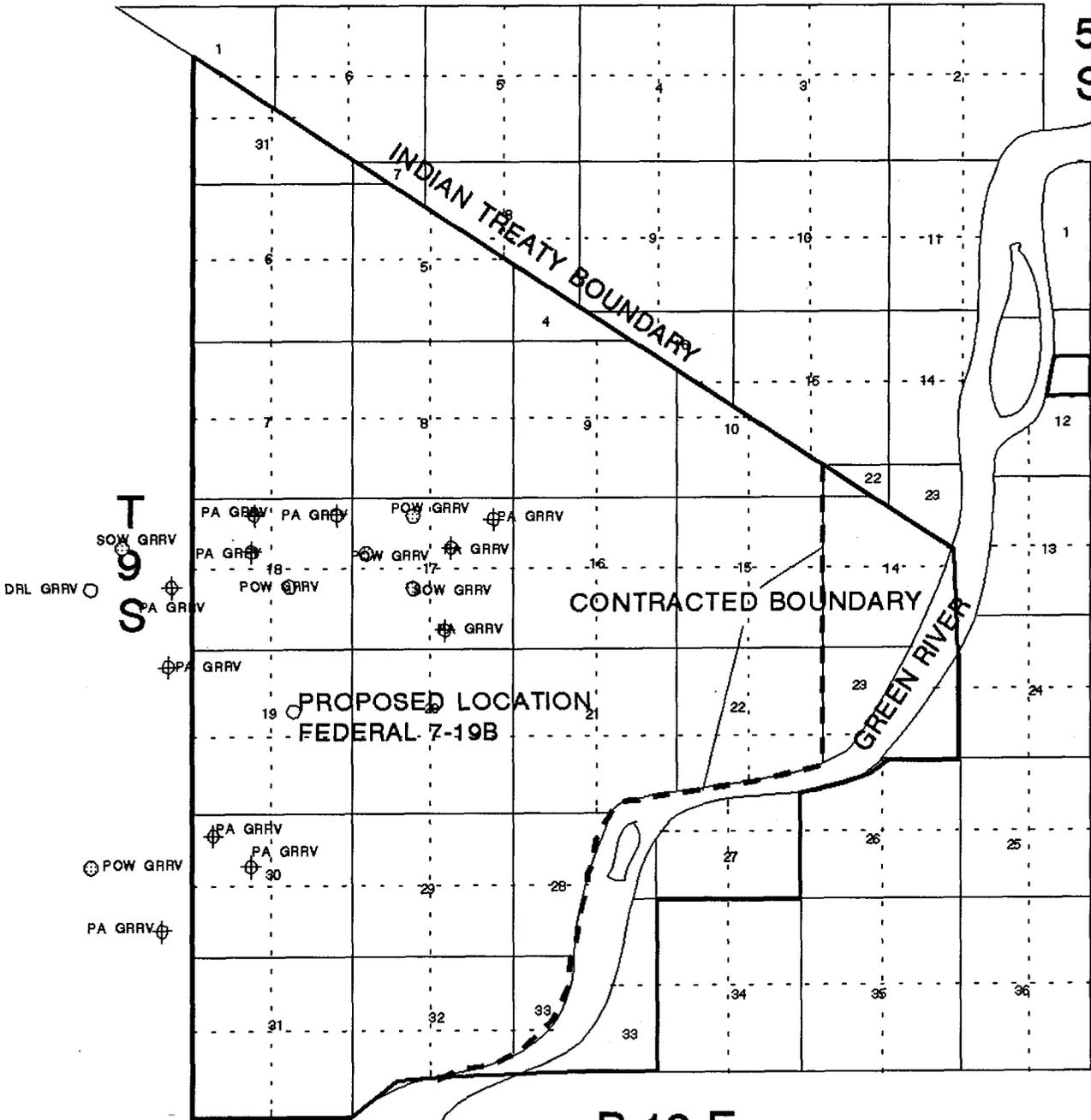
STIPULATIONS: _____

Uintah Co.
BLM-Vernal

PARIETTE BENCH

R 2 E

T 5 S



T 9 S

R 19 E

UINTAH COUNTY



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)

April 8, 1994

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

Re: Federal #7-19B Well, 1980' FNL, 1980' FEL, SW NE, Sec. 19, T. 9 S., R. 19 E.,
Uintah 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.

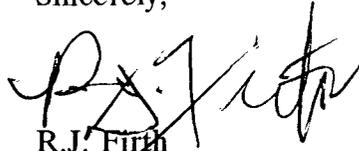
In addition, the following specific actions are necessary to fully comply with this approval:

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. 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.
6. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

Page 2
PG & E Resources Company
Federal #7-19B Well
April 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 43-047-32479.

Sincerely,



R.J. Firth
Associate Director

ldc
Enclosures
cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office
WOI1

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: PG & E RESOURCES

WELL NAME: FEDERAL 7-19B

API NO. 43-047-32479

Section 19 Township 9S Range 19E County UINTAH

Drilling Contractor NABORS

Rig # 181

SPUDDED: Date 4/20/94

Time _____

How DRY HOLE

Drilling will commence 4/25/94

Reported by JAKE NEVES

Telephone # 1-828-8346

Date 4/19/94 SIGNED JLT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

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)
 1980' FNL & 1980' FEL
 SW/4 NE/4 Sec. 19-T9S-R19E

5. Lease Designation and Serial No.
 UTU-65218

6. If Indian, Allottee or Tribe Name
 NA

7. If Unit or CA, Agreement Designation
 NA

8. Well Name and No.
 Federal 7-19B

9. API Well No.
 43-047-32479

10. Field and Pool, or Exploratory Area
 Riverbend/Green River

11. County or Parish, State
 Uintah County, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input 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>Set surface casing</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 moved in Jr's Rathole Drilling Inc. rig and spud on 04/20/94. Drilled to 355' & ran 8 jts 9-5/8" 36# K-55 ST&C casing & cemented with 200sx Premium mixed @15.6 ppg (yield of 1.18) and circ. 14 bbls to surface. Moved in Nabors Rig 181 and tested BOP's and related equipment to 3000 psi (annular to 1500 psi). Spud with Nabors Rig 04/28/94.

14. I hereby certify that the foregoing is true and correct
 Signed Cindy B. Reister Title Sr. Regulatory Analyst Date 04/28/1994

(This space for Federal or State office use)

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

WELL HISTORY

7-19B Federal
Pleasant Valley Field
Uintah County, Utah
(PG&E Resources Operated)

MAY - 2 1994

- 04-27-94 Fin NU BOP's, day 1. RU & test lines & valves to 3000 psi, replace inside 3" valve. Will fin testing & spud today.
- 04-28-94 Location: Graded Ground 4834', KB Elev 4849', 15' KB, Sec. 19-T9S-R19E. Trp 693', day 1, 383'/7 hrs., water, finished testing, drilled out. Drilled to 535', survey off chart, drilled to 621', survey off chart, drilled to 693', waited on 21° Totco, run survey 12° at 680', 13° at 380', 4.5° at 200, TOH, PU IBS at 60 and 90', running to bottom.

May 5, 1994

CONFIDENTIAL RECEIVED

MAY 9 1994

**DIVISION OF
OIL GAS & MINING**



State of Utah Dept. of Natural Resources
Division of Oil, Gas & Mining
355 West Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84186

Attention: Mr. Frank Matthews

RE: Federal 7-19B
Section 19, T19S-R19E
Uintah County, Utah

Dear Mr. Matthews:

Attached is a copy of From 3160-5 "Sundry Notices and Reports on Wells" submitted to the BLM for the referenced well. This sundry reflects the setting of the production casing and the revised bottom hole location.

PG&E requests that the drilling permit for the Federal 7-19B be amended to show the bottom hole location 2295' FNL & 1908' FEL SW/4 NE/4 Section 19-T19S-R19E, Uintah County, Utah. The Federal 7-19B was unintentionally deviated during the drilling of the surface hole. A copy of the directional survey is enclosed for your records.

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

Very truly yours,

Cindy R. Keister
Sr. Regulatory Analyst

CRK/ck

Enclosures

cc: Regulatory File
Central Files

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

CONFIDENTIAL RECEIVED

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)
 1980' FNL & 1980' FEL SW/4 NE/4 Sec. 19-T9S-R19E - SHL
 2295' FNL & 1908' FEL SW/4 NE/4 Sec. 19-T9S-R19E - BHL

MAY 9 1994

DIVISION OF
OIL GAS & MINING

5. Lease Designation and Serial No.

UTU-65218

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Federal 7-19B

9. API Well No.

43-047-32479

10. Field and Pool, or Exploratory Area

Riverbend/Green River

11. County or Parish, State

Uintah County, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input 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>Set Production Casing</u> <u>Amend Bottom Hole Loc</u>
	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water

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

PG&E Resources Company ran 131 jts 5-1/2" 17# N-80 LT&C casing to 5600' & cemented with 305sx Hi-Fill mixed @11.0 ppg (yield of 3.82) followed by 715sx 50/50 Poz mixed @14.2 ppg (yield of 1.23). Circ. 75sx to surface. Attached is a copy of the daily drilling history for your records. This well was unintentionally deviated during the drilling of the surface hole & a copy of the directional survey is attached showing the bottom hole location

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

DATE: 5-11-94
BY: [Signature]

14. I hereby certify that the foregoing is true and correct
 Signed Candy R. Keister Title Sr. Regulatory Analyst Date 05/05/1994

(This space for Federal or State office use)
 Approved by _____ Title _____ Date _____
 Conditions of approval, if any:

WELL HISTORY

7-19B Federal
Pleasant Valley Field
Uintah County, Utah
(PG&E Resources Operated)

- 04-27-94 Fin NU BOP's, day 1. RU & test lines & valves to 3000 psi, replace inside 3" valve. Will fin testing & spud today.
- 04-28-94 Location: Graded Ground 4834', KB Elev 4849', 15' KB, Sec. 19-T9S-R19E. Trp 693', day 1, 383'/7 hrs., water, finished testing, drilled out. Drilled to 535', survey off chart, drilled to 621', survey off chart, drilled to 693', waited on 21° Totco, run survey 12° at 680', 13° at 380', 4.5° at 200, TOH, PU IBS at 60 and 90', running to bottom.
- 04-29-94 Drilling 1600', day 2, 907'/16.5 hrs., MW 8.3, Visc 36. Drlg and survey to 1442', bit torqued up, trip to LD stab. and drlg ahead to 1600'. Survey 10° at 843', 7° at 1158', 4.5° at 1452'.
- 04-30-94 Drilling 2870', day 3, 1270'/19 hrs, MW 8.3, Visc 26. Drill and survey. Survey 1.25° at 2680'.
- 05-01-94 Drilling 4095', day 4, 1225'/21 hrs., MW 8.3, Visc 26. Drill and survey. Survey 2° at 3710'.
- 05-02-94 Drilling 5180', day 5, 1085'/20 hrs, MW 8.6, Visc 27,. Drill and survey. Survey 1.25° at 5009'.
- 05-03-94 Circ to run pipe, day 6, 420'/9 hrs, MW 8.6, Visc 27. Drill to 5600', POOH. Run Dual Laterlog and Dual-Spaced Neutron, PU 6" Monel, TIH and circ to run csgs.
- 05-04-94 TD 5600', day 7, MW 8.6, Visc 27. Drop multi-shot, POOH, retrieve multi-shot. TIH, POOH, LD DP. Run 131 jts 5-1/2", 17#, N-80, LT&C csg & set at 5600'. Cmt with 305 sx Hi-Fill + 3#/sk Cap Seal (11.0 ppg, 3.82 yield), 715 sx 50/50 Poz + 10% salt + 2% gel + .5% Halad-322 (14.2 ppg, 1.23 yield), displace with 129 bbl. Bump plug with 2000 psi (circ 75 sx to reserve pit) & ND BOP's to set slips.
- 05-05-94 Release rig, day 8. Set slips with 80,000 lbs, clean mud tanks. **RR at 8:00am 5-4-94. DROP UNTIL COMPLETION.**

PG&E RESOURCES COMPANY
 SEC.19-T9S-R19E,719B
 UINTAN COUNTY,UTAH

SURVEY LISTING Page 1
 Your ref : EMS SURVEY
 Last revised : 4-May-94

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert. Depth	RECTANGULAR DOGLEG COORDINATES		Dogleg Deg/100Ft	Vert Sect	
0.00	0.00	0.00	0.00	0.00 N	0.00 E	0.00	0.00	
200.00	2.00	200.00	199.96	3.28 S	1.19 W	1.00	-3.28	BASED ON INC SVY, DIR ASSUMED
370.00	12.00	200.00	368.48	22.72 S	8.27 W	5.88	-22.72	BASED ON INC SVY, DIR ASSUMED
559.00	12.58	198.49	553.15	60.71 S	21.52 W	0.35	-60.71	
647.00	11.81	197.15	639.16	78.40 S	27.21 W	0.93	-78.40	
835.00	10.25	195.67	823.68	112.89 S	37.40 W	0.84	-112.89	
928.00	9.15	194.38	915.35	128.02 S	41.48 W	1.20	-128.02	
1021.00	8.34	193.48	1007.27	141.74 S	44.88 W	0.88	-141.74	
1114.00	7.91	191.29	1099.34	154.58 S	47.71 W	0.57	-154.58	
1207.00	6.49	192.12	1191.60	165.99 S	50.07 W	1.53	-165.99	
1300.00	5.49	187.40	1284.09	175.54 S	51.74 W	1.20	-175.54	
1393.00	4.73	183.41	1376.72	183.78 S	52.54 W	0.90	-183.78	
1486.00	3.98	181.04	1469.45	190.84 S	52.83 W	0.83	-190.84	
1579.00	3.25	179.60	1562.27	196.70 S	52.87 W	0.79	-196.70	
1672.00	3.06	173.71	1655.13	201.80 S	52.58 W	0.40	-201.80	
1765.00	2.54	176.14	1748.01	206.33 S	52.17 W	0.57	-206.33	
1951.00	1.92	156.23	1933.88	213.29 S	50.64 W	0.53	-213.29	
2044.00	1.14	140.63	2026.84	215.43 S	49.42 W	0.94	-215.43	
2137.00	1.03	141.75	2119.82	216.80 S	48.32 W	0.12	-216.80	
2323.00	1.03	177.94	2305.80	219.79 S	47.22 W	0.34	-219.79	
2416.00	1.32	191.95	2398.78	221.67 S	47.41 W	0.44	-221.67	
2509.00	1.44	208.95	2491.75	223.74 S	48.20 W	0.46	-223.74	
2602.00	1.64	203.95	2584.72	225.98 S	49.31 W	0.26	-225.98	
2695.00	1.61	200.16	2677.68	228.42 S	50.30 W	0.12	-228.42	
2788.00	1.86	185.21	2770.64	231.15 S	50.88 W	0.55	-231.15	
2881.00	1.93	181.67	2863.59	234.22 S	51.07 W	0.15	-234.22	
2974.00	1.81	187.85	2956.54	237.24 S	51.31 W	0.25	-237.24	
3067.00	1.71	189.70	3049.49	240.06 S	51.75 W	0.12	-240.06	
3161.00	1.79	188.28	3143.45	242.90 S	52.20 W	0.10	-242.90	
3254.00	2.20	195.39	3236.39	246.06 S	52.88 W	0.51	-246.06	
3440.00	1.84	185.74	3422.28	252.47 S	54.12 W	0.26	-252.47	
3533.00	2.26	185.17	3515.22	255.78 S	54.44 W	0.45	-255.78	
3626.00	2.13	180.19	3608.15	259.34 S	54.61 W	0.25	-259.34	
3719.00	2.19	180.71	3701.08	262.84 S	54.64 W	0.07	-262.84	
3812.00	1.91	176.30	3794.02	266.16 S	54.56 W	0.34	-266.16	
3905.00	1.48	188.48	3886.98	268.90 S	54.64 W	0.60	-268.90	
3998.00	1.24	210.57	3979.96	270.95 S	55.33 W	0.61	-270.95	
4091.00	1.70	212.08	4072.93	272.99 S	56.57 W	0.50	-272.99	
4184.00	2.02	191.12	4165.88	275.76 S	57.62 W	0.80	-275.76	
4277.00	1.58	185.65	4258.83	278.65 S	58.06 W	0.51	-278.65	
4370.00	1.82	182.82	4351.79	281.40 S	58.26 W	0.27	-281.40	
4463.00	2.18	186.39	4444.74	284.63 S	58.53 W	0.41	-284.63	
4556.00	2.09	206.00	4537.67	287.92 S	59.47 W	0.79	-287.92	
4649.00	1.67	197.89	4630.62	290.73 S	60.63 W	0.53	-290.73	
4742.00	1.75	193.06	4723.58	293.40 S	61.37 W	0.18	-293.40	
4835.00	1.83	198.45	4816.54	296.19 S	62.16 W	0.20	-296.19	
4928.00	1.60	205.63	4909.49	298.77 S	63.19 W	0.34	-298.77	
5021.00	1.02	196.94	5002.47	300.74 S	63.99 W	0.66	-300.74	
5114.00	1.34	213.76	5095.45	302.43 S	64.84 W	0.50	-302.43	
5300.00	1.52	210.10	5281.39	306.37 S	67.28 W	0.11	-306.37	

All data is in feet unless otherwise stated
 Coordinates from FEDERAL and TVD from wellhead.
 Vertical section is from wellhead on azimuth 0.00 degrees.
 Declination is 13.21 degrees, Convergence is 1.08 degrees.
 Calculation uses the minimum curvature method.
 Presented by Baker Hughes Inteq

PG&E RESOURCES COMPANY
SEC.19-T9S-R19E,719B
UINTAH COUNTY,UTAH

SURVEY LISTING Page 2
Your ref : EMS SURVEY
Last revised : 4-May-94

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert. Depth	RECTANGULAR COORDINATES	Dogleg Deg/100ft	Vert Sect
5393.00	2.43	212.86	5374.34	309.10 S 68.97 W	0.98	-309.10
5487.00	2.43	198.49	5468.25	312.66 S 70.68 W	0.65	-312.66
5548.00	2.45	198.82	5529.20	315.12 S 71.52 W	0.04	-315.12

All data is in feet unless otherwise stated
Coordinates from FEDERAL and TVD from wellhead.
Vertical section is from wellhead on azimuth 0.00 degrees.
Declination is 13.21 degrees, Convergence is 1.08 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes Inteq

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

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

UTAH ACCOUNT NUMBER: N0595

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 11632 9S 19E 19	"			UTU 65218		
✓ Federal 2-19 4304732477 99999 9S 19E 19	"			UL 65218		
✓ State 31-32 4304732500 11645 8S 18E 32	GRRV			ML 22058		
✓ Federal 41-29 4304732495 11646 9S 18E 29	GRRV			U 19267		
✓ Federal 13-20 4301331443 99999 9S 17E 20	"			U 13905	(Rec'd 10-21-94)	
✓ Federal 44-18 4304732498 99999 9S 17E 18	"			U 16544		
✓ Federal 22-8H 4301331457 11675 9S 17E 8	"			U 10760	"	
✓ Federal 14-9H 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: _____

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 7871		# of pages ▶ 2
To LISHA CARDONA	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-034207A * Confirmed BLM/SL
11-29-94. Jee

UTAH WELLS

8/24/94

WELL NAME	LOCATION	SEC-TWNSHIP-RANGE	COUNTY	LEASE NUMBER	API NO.
✓ NGC #31-15 (PA'd 10/88)	NW/4 NE/4	15-14S-24E	Unitah	U-10133	43-047-30974
✓ Federal #42-23 (PA'd 9/90)	SE/4 NE/4	23-14S-24E	Unitah	U-10133	43-047-30976
✓ Federal #23-23 (PA'd 8/90)	NE/4 SW/4	23-9S-17E	Unitah	U-17785	43-047-31169
✓ Federal #32-29	SW/4 NE/4	29-9S-18E	Unitah	U-19267	43-047-31175
✓ Federal #33-18-J	NW/4 SE/4	18-9S-19E	Unitah	U-16544	43-047-31200
✓ State #2-32-B	NW/4 NE/4	32-9S-19E	Unitah	ML-45172	43-047-32221
✓ Federal #11-24-B	NE/4 SW/4	24-9S-19E	Unitah	UTU-68625	43-047-32223
✓ State #5-36-B	SW/4 NW/4	36-9S-19E	Unitah	ML-45173	43-047-32224
✓ State #9-36-A	NE/4 SE/4	36-9S-18E	Unitah	ML-45171	43-047-32225
✓ Federal #7-24-B	SW/4 NE/4	24-9S-19E	Unitah	U-68625	43-047-32227
✓ Federal #13-26-B	SW/4 SW/4	26-9S-19E	Unitah	UTU-68626	43-047-32237
✓ Federal #11-31-C (PA'd 2/94)	NE/4 SW/4	31-9S-20E	Unitah	UTU-68631	43-047-32244
✓ Federal #1-26-B	NE/4 NE/4	26-9S-19E	Unitah	UTU-68625	43-047-32248
✓ State #9-36-B	NE/4 SE/4	36-9S-19E	Unitah	ML-45173	43-047-32249
✓ Federal #13-24-B	SW/4 SW/4	24-9S-19E	Unitah	UTU-68625	43-047-32418
✓ Federal #15-24-B	SW/4 SE/4	24-9S-19E	Unitah	UTU-68625	43-047-32420
✓ State #15-14-B	SW/4 NW/4	24-9S-19E	Unitah	ML-45243	43-047-32450
✓ Federal #5-24-B	SW/4 NW/4	24-9S-19E	Unitah	UTU-68625	43-047-32447
✓ Blue Diamond #13-13-B	SW/4 SW/4	13-9S-19E	Unitah	Fee	43-047-32457
✓ Federal #7-19-B	SW/4 NE/4	19-9S-19E	Unitah	UTU-65218	43-047-32479
✓ State #31-32	NW/4 NE/4	32-8S-18E	Unitah	ML-22058	43-047-32500
✓ Federal #2-19	NW/4 NE/4	19-9S-19E	Unitah	U-65218	43-047-32497
✓ Federal #41-29	NE/4 NE/4	29-9S-18E	Unitah	U-19267	43-047-32495
✓ Federal #44-18	SE/4 SE/4	18-9S-19E	Unitah	U-16544	43-047-32498

DALEN Resources
Oil & Gas Co.



October 5, 1994

10/11/94

OCT 11

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

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 "DALEN 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

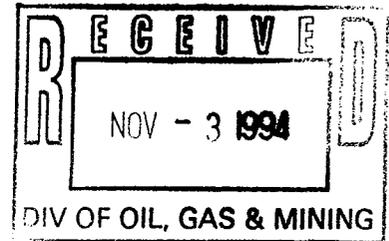
DALEN Resources
Oil & Gas Co.



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

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 Daten" 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.
- 2. A copy of this form has been placed in the new ^{Upon compl. of routing.} and former operators' bond files.
- Yes* / *N/A* 3. The former operator has requested a release of liability from their bond (yes/no) _____. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- DTB* 2. Copies of documents have been sent to State Lands for changes involving State leases. *2/8/94 to Ed Bonn*

FILMING

- 1. All attachments to this form have been microfilmed. Date: _____ 19____

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

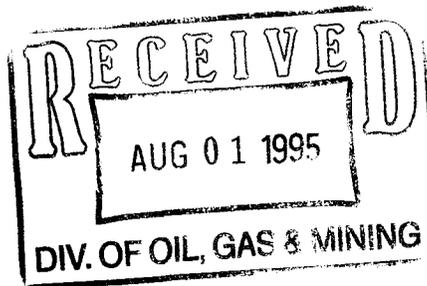
941108 Btm/s.f. Not Appr. yet!
 941125 " Appr.'d.

DALEN Resources
Oil & Gas Co.



July 26, 1995

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



Attention: Mr. Wayne P. Bankert

RE: Federal 17-9B
Section 19, T9S-R19E
Uintah County, Utah

Dear Mr. Bankert:

After our recent conversation, I researched our files and determined that DALEN did not submit a completion report and a subsequent sundry for the plugging of the referenced well. Attached is an original and two (2) copies of Form 3160-4 "Well Completion or Recompletion Report and Log" and an original and two (2) copies of Form 3160-5 "Sundry Notices and Reports on Wells" for the referenced well.

If you have any questions or need further information, please contact the undersigned at 214/692-4537.

Very truly yours,

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

Cindy R. Keister
Regulatory Compliance Specialist

CRK/ck

Attachments

cc: Utah Division Oil, Gas & Mining
Randy Miller - DALEN Vernal Office
Julie Whitehead - Land
Regulatory File
Central File

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 Dry Hole

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)

1980' FNL & 1980' FEL SW/4 NE/4 - SHL 2295' FNL & 1908' FEL SW/4 NE/4 - BHL
Section 19, T9S-R19E

5. Lease Designation and Serial No.

UTU-65218

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Federal 7-19B

9. API Well No.

43-047-32479

10. Field and Pool, or Exploratory Area

Green River/Riverbend

11. County or Parish, State

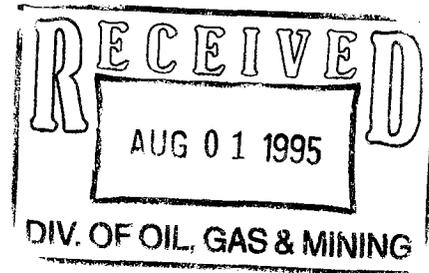
Uintah County, Utah

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

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

DALEN Resources plugged the Federal 7-19B on May 27, 1994 as described on the attached daily report.



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

Signed

Cindy S. Keister

Title Regulatory Compliance Specialist

Date 07/26/1995

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

UTAH DOGM

WELL HISTORY

7-19B Federal

Pleasant Valley Field

Uintah County, Utah

(PG&E Resources Operated)

- 05-17-94 MIRU. Unload 193 jts 2-7/8" tbg & strap. Install 5000 psi 7-1/16" BOPE. PU 4-3/4" RR bit on 5-1/2", 17# scraper & RIH to 4725'. Circ well with 100 bbl 3% KCl wtr, POOH, LD bit & scraper. Fill hole with 3% KCl wtr & test BOPE to 2000 psi (ok).
- 05-18-94 Test 5-1/2" csg to 2000 psi - 15 min. - ok. Run CBL. Perf 2 SPF from 4641' - 4645' & 4674' - 4683'. Acidize w/20 bbls KCL followed by 30 bbls HCl plus 60 ball sealers.
- 05-19-94 10 psi SITP & SICP. RIH with swab, FL at 1650', make 13 runs, rec'd 64.5 BLW. FFL at 4450'. RD swab, RU to frac, press test lines to 7500 psi. Frac "E" zone, avg 2150 psi TP at 39.9 BPM, ISIP 1700 psi, total 335,399 lbs 16/30 sand & 2081 bbl gelled fluid. Force close well at 1 BPM for 40 min. Flow well to pit for 3.5 hrs & rec'd 395 BLW for a total of 4365 bbl, 1646 BLWTR at 7:00pm, flowing 3/4 BPM rate.
- 05-20-94 Flow well back at 1/2 - 1/4 BPM, rec'd 360 BLW for a total of 795 bbl. Open BOPE & RIH with 4-3/4" bit on 2-7/8" tbg to 4710', pull to 4619'. RU swab, swab with IFL at surf, made 51 runs, rec'd 416 bbl frac fluid with trace of oil for a total of 1211 BLW, 870 BLWTR.
- 05-21-94 100 psi SITP & SICP. IFL at 200', make 46 swab runs, rec'd 387 BLW, FFL at 1300', swab from 3000'. Swab a total of 11.5 hrs, rec'd a total of 529 BLW today, total 1740 BLW, 339 BLWTR. FL at 1400'.
- 05-22-94 20 psi SITP & SICP. IFL at 200', make 432 swab runs, rec'd 334 BLW & 18 bbl form wtr, total 2099 BLW, FFL at 1700'. POOH with 2-7/8" tbg & bit.
- 05-23-94 0 psi SICP, FL at 520'. RU, set 5-1/2" CIBP at 4500', dump 2 sx on top with WL bailer. Test plug with 3000 psi (ok). Perf with 1 SPF at 4288', 91-3', 97', 99', 4301-4', 07-11 & 4314-30' (32 holes). Install stinger, test lines to 7000 psi, acidize perfs in the Douglas Creek zone. Acidize with IBD press of 4500 psi, pump 8 bbl 15% HCl with add followed by 32 bbl 15% HCl with 2 balls/bbl followed by 8 bbl 15% HCl. Displace with 104 bbl 3% KCl wtr, pump acid at 9.3 BPM, ball off with 6000 psi, surge off balls, 1300 psi TP, max 6000 psi TP, avg 1600 psi TP, ISIP 1320 psi. Open well with 1300 psi, bleed to 0 psi in 1 min. TIH with 4-3/4" bit to 4350', work bit thru perfs 4 times, pull to 4273' & RU to swab. Swab 22 runs, IFL at surf, rec'd 114 BLW, FFL at 3950'. Swab from 4200', 120 BLWTR, SDFN. Note: TDS report for 'E' zone is 58,728 mg/l.

WELL HISTORY

7-19B Federal

Pleasant Valley Field

Uintah County, Utah

(PG&E Resources Operated)

- 05-24-94 0 psi SITP & SICP, IFL at 2700'. Swab from 4200', make 10 runs, FL down to 4050'. Start making 1 run per hr for 4 hrs, swabbing from 4200', FL 3800-4050', recovering 1 bbl per run, rec'd 38 BLW, total of 150 BLW. RD swab equip, POOH with 2-7/8" tbg & bit. SDFN.
- 05-25-94 Set CIBP at 4200' with 7 sx cmt. Perf with 1 SPF 3724-48' & 3780-89'. RU Stinger, press test lines to 7000 psi, est FL at 2700'. Pump 20 bbl 15% HCl + add with 0 psi at 12 BPM followed by 35 bbl 15% HCl with 2 1.3 SG balls per bbl followed by 17 bbl 15% HCl, ball out with 59 bbl to 6000 psi. Surge balls off & con't to displace 90 bbl 3% KCl wtr with 12 BPM at 1400 psi, ISIP 1200 psi, 186 BLWTR. 900 psi SICP, open well to pit at 1 BPM, flow back 18 bbl, well dead. RIH with tbg, RU to swab, IFL at surf. Make 23 runs, rec'd 153 BLW, 33 BLWTR. FL at 3200', swabbing form 3700'.
- 05-26-94 Con't swabbing, rec'd 58 BW in 16 runs, total fluid rec'd 211 BW (25 BW over initial load), FFL at 3200', no oil or gas. POOH. Set CIBP at 3703' with tbg & SDFN.
- 05-27-94 0 psi. Tag plug at 3703', pump 10sx Class "G" cmt plug. Plug from 3703' - 3653'. Pump 15sx Class "G" cmt plug. Plug from 1196-1096'. Pump 15sx Class "G" cmt plug. Plug from 413-313'. Pump 15sx Class "G" cmt & circ to surface. Plug from 60' to surf. All plugs witnessed by Mr. Sparger with the BLM. Release rig.
FINAL REPORT - WELL P&A'd.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

DIVISION OF OIL & GAS & MINING
 SUBMIT IN DUPLICATE*
 AUG 01 1995
 (See other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.
UTU-65218

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

7. UNIT AGREEMENT NAME
NA

8. FARM OR LEASE NAME
Federal

9. WELL NO.
7-19B

10. FIELD AND POOL, OR WILDCAT
Green River/Riverbend

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Section 19, T9S-R19E

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 **1980' FNL & 1980' FEL SW/4 NE/4**

At top prod. interval reported below

At total depth **2295' FNL & 1908' FEL SW/4 NE/4**

14. PERMIT NO. **43-047-32479** DATE ISSUED **04/20/94** 12. COUNTY OR PARISH **Utah** 13. STATE **Utah**

15. DATE SPUDDED **04/20/94** 16. DATE T.D. REACHED **05/02/94** 17. DATE COMPL. (Ready to prod.) **05/27/94** 18. ELEVATIONS (LS, RGS, RT, GR, ETC.)* **4849' KB** 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **5600'** 21. PLUG, BACK T.D., MD & TVD **NA** 22. IF MULTIPLE COMPL., HOW MANY* **→** 23. INTERVALS DRILLED BY **→** ROTARY TOOLS **X** CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* **NA** 25. WAS DIRECTIONAL SURVEY MADE **Yes**

26. TYPE ELECTRIC AND OTHER LOGS RUN **DIL/DSN/CBL** 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	355'	12-1/4"	200sx Premium	0
5-1/2"	17	5600'	8-3/4"	305sx H-Fill w/additives + 715sx 50/50 Poz w/additives	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					NA	NA	NA

31. PERFORATION RECORD (Interval, size and number)

4641' - 4683'	2 SPF	41 Holes
4288' - 4330'	1 SPF	32 Holes
3724' - 3789'	1 SPF	35 Holes

32. ACID, SHOT, FRACTURE, CEMENT

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4641-83'	30 bbls 15% HCl ± 60 ball sealers 5000 gals prepad + 30000 gals pad 2/335,300# 16/30 sand CIBP @4500' w/2sx cmt on top

33.* PRODUCTION

DATE FIRST PRODUCTION **NA** PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)

WELL STATUS (Producing or shut-in) **P&A.**

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

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

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

35. LIST OF ATTACHMENTS

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

SIGNED *Cindy A. Reister* TITLE Regulatory Compliance Specialist DATE 07/26/1995

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

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

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
E(d)	4640'	4692'	Slight blow gas with water	Green River	1071'	
Douglas Creek (4)	4286'	4330'	Slight blow gas with water	"A" Marker	3602'	
"B" Zone Sands	3904'	4014'	Slight Blow gas with water	"B" Marker	3847'	
				Douglas Creek Marker	422'	
				"D" Marker	4454'	
				"E" Marker	4564'	
				"F" Marker	4986'	
				Basal Limestone	5367'	
				Wasatch	5522'	

No. 32

4288' - 4330'

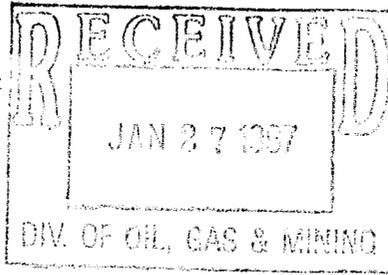
48 bbls 15% HCl w/64 ball sealers
CIBP @4200' w/7sx cmt on top

3724' - 3789'
CIBP @3703'

72 bbls 15% HCl w/70 ball sealers

**ENSERCH
EXPLORATION INC.**

P.O. Box 96
Bridgeport, Texas 76426
817-683-4056



Paul D. Herschler, Jr.
District Production Manager
Mid-Continent District
Production and Engineering Division

Mark Franki
District Petroleum Engineer

Danny E. Hagins
District Production Superintendent
Eastern Region

Sammy D. Reed
District Production Superintendent
Western Region

January 24, 1996

State of Utah
Department of Natural Resources
1594 W. North Temple Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Attn: Vicky Dyson

Re: Federal #7-19B
43 04782479
PA 5-27-94
093 19E 19

Dear Ms. Dyson:

Enclosed please find copies of the logs that you requested on the above captioned well. If any further information is needed please contact us.

Sincerely,

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

Jim Heinze
Sr. Petroleum Engineer

FORM 3

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
 DRILL DEEPEN PLUG BACK

b. Type of Well
 Oil Well Gas Well Other Single Zone Multiple Zone

3. Name of Operator
 Medallion Exploration

4. Address of Operator
 6975 Union Park Center Ste 310, Midvale Utah 84017

4. Location of Well (Report location clearly and in accordance with any State requirements.)
 At surface: 1980' FNL & 1980' FEL SW/NE
 At proposed prod. zone: 2295' FNL & 1908' FEL SW/NE

14. Distance in miles and direction from nearest town or post office:
 24.5 miles South East of Myton Utah

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drg. line, if any)
 600

16. No. of acres in lease
 600

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.
 5,600

19. Proposed depth
 5,600

20. Rotary or cable tools
 Rotary

21. Elevations (Show whether DP, RT, GR, etc.)
 4,835' GR, 4,819' KB

22. Approx. date work will start
 Upon Approval

8. Lease Designation and Serial No.
 UTU 76033

9. If Indian, Allottee or Tribe Name
 N/A

7. Unit Agreement Name
 N/A

3. Farm or Lease Name
 Federal

6. Well No.
 1-19B

10. Field and Foot, or Wildcat
 Greenrivor/Riverbend

11. 40, Sec., T., R., N., or S., and Survey or Area
 Sec 19, T9S, R19E

12. County or Parrish
 Uintah

13. State
 Utah

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	9-5/8"	36#	355'	200 sx Premium
7-7/8"	5-1/2"	17#	5,600'	305 sx H-fill w/additives 715 sx 50/50 Poz w/additives

Medallion Exploration intends to re-enter the 1-19B well, perforate and test zones 5,386-82', 4,960-82'. If productive, tank battery will be built and well put on production. If Dry, the well will be P&A as per BLM and State of Utah regulations.

All Surface Use requirements will be followed.

See Attachments.

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

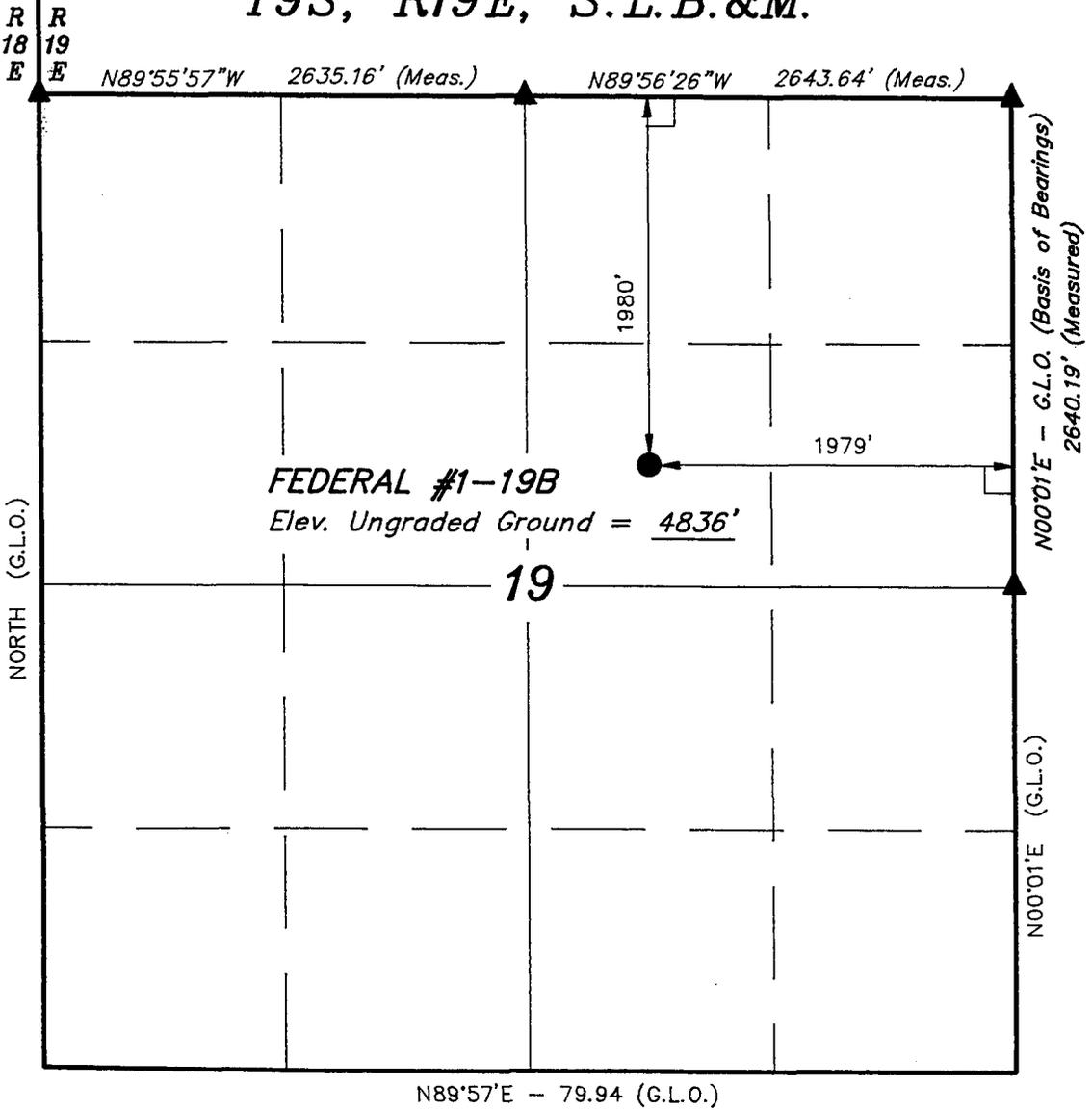
Signed: Arthur Lamb Title: Field Supt. Date: February 20, 1997
 (This space for Federal or State office use)

Approved by: [Signature] Approval Date: 3/18/97
 Conditions of approval, if any: _____ Title: _____ Date: _____

MEDALLION EXPLORATION

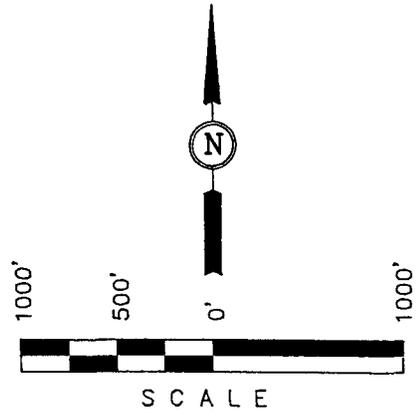
T9S, R19E, S.L.B.&M.

Well location, FEDERAL #1-19B, Located as shown in the SW 1/4 NE 1/4 of Section 19, T9S, R19E, S.L.B.&M. Uintah County, Utah.



BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 19, T9S, R19E, S.L.B.&M. TAKEN FROM THE UTELAND BUTTE QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4891 FEET.



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.

Robert L. Hay
 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: 2-5-97	DATE DRAWN: 2-7-97
PARTY J.F. K.S. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE MEDALLION EXPLORATION	

DRILLING PROGRAM

Well Name: Fed. 1-19B1
Location: SWNE, Sec. 19, T9S, R19E
Field: Riverbend
County: Uintah
State: Utah

1) Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>	<u>Subsea</u>
Green River	1052'	+3798'
D.C. marker	4200'	+650'
"D"	4435'	+415'
"E"	4547'	+303'
"E2"	4691'	+159'
"E2 Carb."	4823'	+27'
"F"	5003'	-153'
Basal Ls."E"	5369'	-519'
Wasatch	5529'	-679'
T.D.	5600'	

2) Estimated Depth Of Anticipated Water, Oil, Gas And Mineral:

<u>Sustance</u>	<u>Formation</u>	<u>Depth</u>
Oil	DC4	4235-4295'
Oil	E Sands	4630-4680'
Oil	E2 Sands	4760-4780'
Oil	E2 Sands	4925-4950'
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:

A 7 1/16" +5m BOPE will be installed and kept in good working order at all times during re-entry of the well. No pressure testing is required.

Drilling Program

Federal 1-19B

(Page 2)

4) Proposed Casing Program:

Casing as already been set and cemented is as follows:

Depths and volumes was taken from Form 3160-4, dated 7/26/95.

	<u>Depth</u>	<u>Hole Size</u>	<u>O.D.</u>	<u>Weight</u>	<u>Grade</u>	<u>Type</u>	<u>Used</u>
Surface	0-350'	12 1/4"	9 5/8"	36#	k-55	ST & C	New
Produc.	0-5600'	7 7/8"	5 1/2"	17#	J-55	LT & C	New

	<u>Depth</u>	<u>Type and Amount</u>
Surface	0-355'	200 SX Premium

	<u>Depth</u>	<u>Type and Amount</u>
Produc.	0-5600'	305 SX H-Fill W/Additives
		715 SX 50/50 POZ W/Additives

5) Mud Program:

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>
0-5600'	3% KCL	8.4-8.6	27-36	N/C	N/C

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.

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

6) Evaluation Program:

Open hole logs have been run on 5-4-94 as follows: DIL/DSN

Whether the well is completed as a dry hole or as a producer, Form 3160-4 will be submitted no 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 analysis, 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 will be submitted when requested by the AO.

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

Drilling Program

Federal 1-19B

(Page 3)

7) Abnormal Temperatures or Pressures:

No abnormal temperature or pressures are anticipated. No H₂s has been encountered in or known to exit from previous wells drilled to similar depths in the general area. The maximum anticipated bottom hole pressure will be approximately 2620 psi at T.D.

8) Anticipated Starting Date & Notification OF Operations:

The anticipated starting date is approximately on or soon after approval of drilling requirements. Operations should be completed within 20 days from spudding to rig release. The District Office shall be notified, at least 24 hours prior to spudding the well. Operator shall report production data to MMS pursuant to 30CFR 216.5 using form MMS/3160.

In the event abandonment of the well is required, an oral request may be granted by the District Office. A written "Notice of Intention to Abandon" (form 3160-5) will follow within fifteen days of receiving oral permission to plug and abandon.

MEDALLION EXPLORATION

FEDERAL 1-19B

SEC 19, T9S, R19E

1,980 FNL & 1,980 FEL SW 1/4, NE 1/4

UINTAH CO., UTAH

FIELD: RIVERBEND

PROCEDURE

- Step 1: Dig down cut off Dry Hole Marker and set Deadmen.
- Step 2: Install 11" x 3 m csg head and 11" x 3 m x 7-1/16" x 5 m Tubing head w/2 2-1/16" x 5 m gate valves. Land 5-1/2", 17# csg. Pack-off and test pack-off to 2,500 psi.
- Step 3: R/U Service unit and Allied Equip.
- Step 4: R/U 5 m BOPE and test to 3,000 psi.
- Step 5: Drill out 60' cmt surface plug, 131' cmt plug from 282' to 413', 131' cmt plug from 1,063' to 1,194' and cmt plug and CIBP from 3,616' to 3,703'. Note: Pressure test csg to 2,000 psi after each plug has been removed. Drill out CIPB and 7 sx cmt @ 4,200' and CIBP w/2 sx cmt @ 4,500'. Clean out to 5,600' and circulate hole clean w/3% KCL water. POOH w/tbg.
- Step 6: Run CBL form 5,600' to 4,700'. Perforate Upper Wasatch form 5,368'-82', 4 SPF w/4" csg guns, 14 net feet, 56 holes.
- Step 7: RIH w/5-1/2", 17# treating packer on 2-7/8" tbg. Set pkr @ 5,300' + or -. Breakdown w/3% KCL water. Swab or flow test.
- Step 8: Further procedures will be determined after testing of 5,368' - 82' zone.

KB: 14'

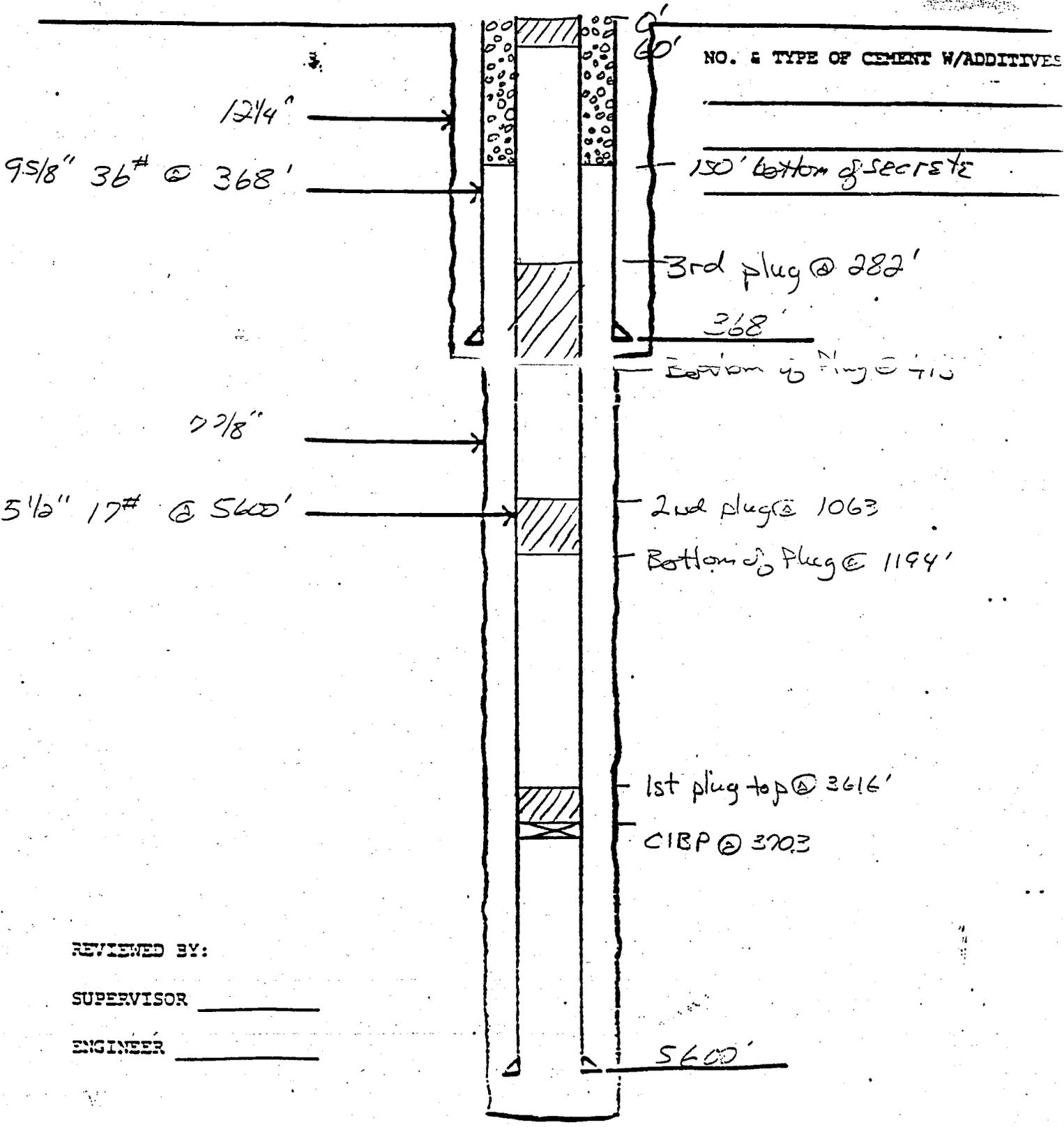
9-5/8", 36# to 355'

5-1/2", 17# to 5,600'

Perfs: 4,641-83, 4,288' - 4,330', 3,724-89'

Plugs: Surface, 282', 1,063', 3,616', 4,200' & 4,500'

OPERATOR MEDISON EXPLORATION LEASE 2-65218
 WELL NAME & NO. FED. 1-19B 4th SUN SEC. 19 T. 9S R. 19
 FIELD _____ COUNTY Winteh STATE Utah
 INSPECTOR SPAGET TITLE SPE T DATE May 27
 REMARKS _____



REVIEWED BY:
 SUPERVISOR _____
 ENGINEER _____

13 Point Surface Use Plan

Well Name: Fed. 1-19B1
Location: SWNE, Sec. 19, T9S, R19E
Field: Riverbend
County: Uintah
State: Utah

1) Existing Roads: (See Topographic Map "A")

The well site is located approximately 24.5 miles southeast of Myton, Utah. Directions to the location from Myton 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 11.2 miles to the Castle Peak Mine. Stay left and proceed an additional 3.1 miles in a southeasterly direction. Proceed east for 6.7 miles to a fork in the road. Stay right and proceed 1.2 miles. Turn right and proceed southwest for .8 miles to the #33-18J well. Turn south and follow an existing jeep trail for .9 miles to the proposed drillsite.

all existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this project. All roads under the jurisdiction of any Surface Managing Agency, also shall be maintained in accordance with the standards of the SMA.

2) Access Roads: (See Topographic Map "B")

a) Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service Publication, 1989.

The road will be used year round for transportation of oil and maintenance equipment. The volume of product to be transported is unknown at this time.

b) This APD is to serve as our request for an amendment to ROW U-50803 which currently serves the #33-18J well. The new road would extend approximately 2300 feet south until it intersects with the lease boundary for Lease No. U-76033.

3) Location Of Existing Wells: (See Topographic Map "C")

There are one producing well, one dry hole and one plugged & abandoned well within a one mile radius of this location site.

4) Location Of Existing And Proposed Facilities:

At the present time there are no Medallion Exploration producing facilities exist within a mile radius of this location site. In the event the production of this well is established, the following steps will be implemented: All permanent structures will be painted Desert Brown. All facilities will be painted within six months of installation with an exception of facilities required with OSHA Act.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the wellpad shall be 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.

A Sundry Notice will be submitted showing placement of all production facilities prior to construction. All loading lines will be placed inside the berm surrounding the tank battery.

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.

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 initial meter calibration and all future meter proving schedules. A copy of the meter

**Surface Plan
Federal 1-19B
(Page 2)**

measurement facilities will conform with Oil and Gas Order No. 4 for liquid hydrocarbons and Onshore Oil and Gas order no. 5 for natural gas measurement.

If at any time facilities located on public land and authorized by the terms of the lease are no longer included in the lease, BLM will process a change in authorization to the appropriate rental or other financial obligation as determined by the authorized officer.

Any necessary pit will be properly fenced to prevent any wildlife entry. All site security guidelines will be adhered to. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic.

The road will be maintained in a safe useable condition.

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

5) Location/Type Of Water Supply: (See Enclosed Map "D")

All water needed for this project will be obtained from Babcock Draw source which is located in Sec. 34, T8S, R2W, Duchesne County, Utah, Permit No 43-1721.

Water will be hauled over the roads marked on the map. A copy of the approved water permit is attached. No water well will be drilled at the location site.

6) Source Of Construction Material:

Surface and subsoil material in the immediate area will be utilized. Any gravel used will be obtained from a commercial source. The use of material under BLM jurisdiction will conform with the regulations. Construction material will not be located on lease.

7) Methods For Handling Waste Disposal:

No reserve pit will be constructed at this location.

Any spills of oil, gas salt water or other noxious fluids will be immediately cleaned up and removed to an approved disposal site. Chemical toilets will be provided for human waste disposal. Upon completion of operations, or as needed, the toilet holding tanks will be pumped and contents thereof disposed of in the nearest approved sewage disposal facility.

All garbage and other waste material will be collected in a portable and self-contained trash cage during trash will be disposed of at and authorized sanitary landfill. No trash will be burned on location.

Medallion maintain a file containing current (MSDS) for all chemicals, compounds and/or substances which are used during the course of construction, drilling, completion and production operations. Medallion has reviewed the EPA's Consolidated List of Chemicals Subject to Reporting under Title III of the SARA of 1986 to identify any hazardous substances as defined in 40 CFR 355, as amended.

Medallion and its contractors will comply with all applicable federal laws and regulations existing or thereafter enacted or promulgated. Medallion and its contractors will locate, handle and store hazardous substances in excess of the reportable quantities established by 40 CFR Part 117, would be reported as required by CERCLA of 1980, as amended. If the release of a hazardous substance in a reportable quantity would occur, a copy of the report would be furnished to the BLM's Authorized Officer and all other appropriate federal and state agencies.

8) Ancillary Facilities:

There are no airstrips, camps, or other facilities planned during the completion of this project.

9) Well Site Layout: (See Layout Map)

- a) No reserve pit will be constructed for this well.
- b) The stockpiled topsoil will be stored on the north and west side of pad in windrows to maximize drainage.
- c) During construction, all brush will be removed from the wellpad and access road and stockpiled separately from the topsoil.

10) Plan For Restoration Of Surface:

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

Stockpiled topsoil on location will be spread over the disturbed area. The location site and access road will be reshaped to the original contour. Any drainages re-routed during the construction activities, shall be restored to their original line of flow as near as possible. The location site and the access ramp will be reseeded with a seed mixture recommended by the BLM for germination and growth.

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 - All roads are County maintained or managed by the Bureau of Land Management.
Wellpad - The well pad is located on lands owned by the BLM.

12) Other Information:

The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer. Within five working days the AO will inform the operator as to whether the material appears eligible for the National Register of Historic Places; the mitigation measures the operator will have to undertake before the site can be used; and a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm 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 be allowed to resume construction. 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 prior to the application of herbicides or other pesticides or possible hazardous chemicals. Drilling rigs and equipment used during drilling operations will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. 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.

There will be no deviation from the proposed drilling program without prior approval from the AO. Safe drilling and operating practices must be observed. Safety Notices will be filed for approval for all changes of plans and other operations in accordance with 43CFR 3162.3-2.

This permit will be valid for a period of one year from the date of approval. The operator shall contact the BLM Offices 48 hours prior to construction activities. The BLM shall also be notified upon site completion prior to moving on the workover rig.

13) Lessee's Or Operator's Representatives:

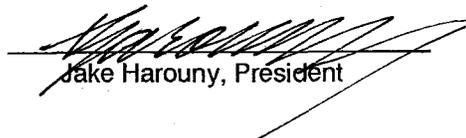
Jake Harouny
6975 Union Park Center, Suit 310
Midvale, Utah 84047
Telephone: 801-566-7400

Steve Lamb
57 North 100 East, Suite 3
Roosevelt, Utah 84066
Telephone: 801-722-4600

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I'm familiar with the conditions which presently exists; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operation proposed herein will be performed by Medallion Exploration in conforming with this plan and terms and conditions under which it's approved.

2/20/97
Date

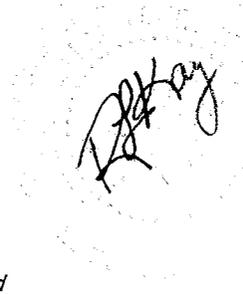
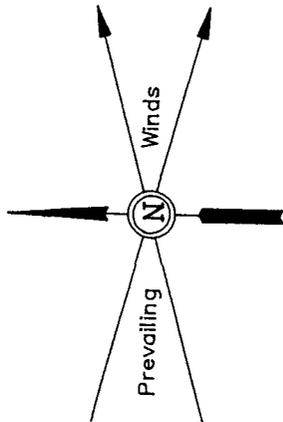

Jake Harouny, President

43-047-32479

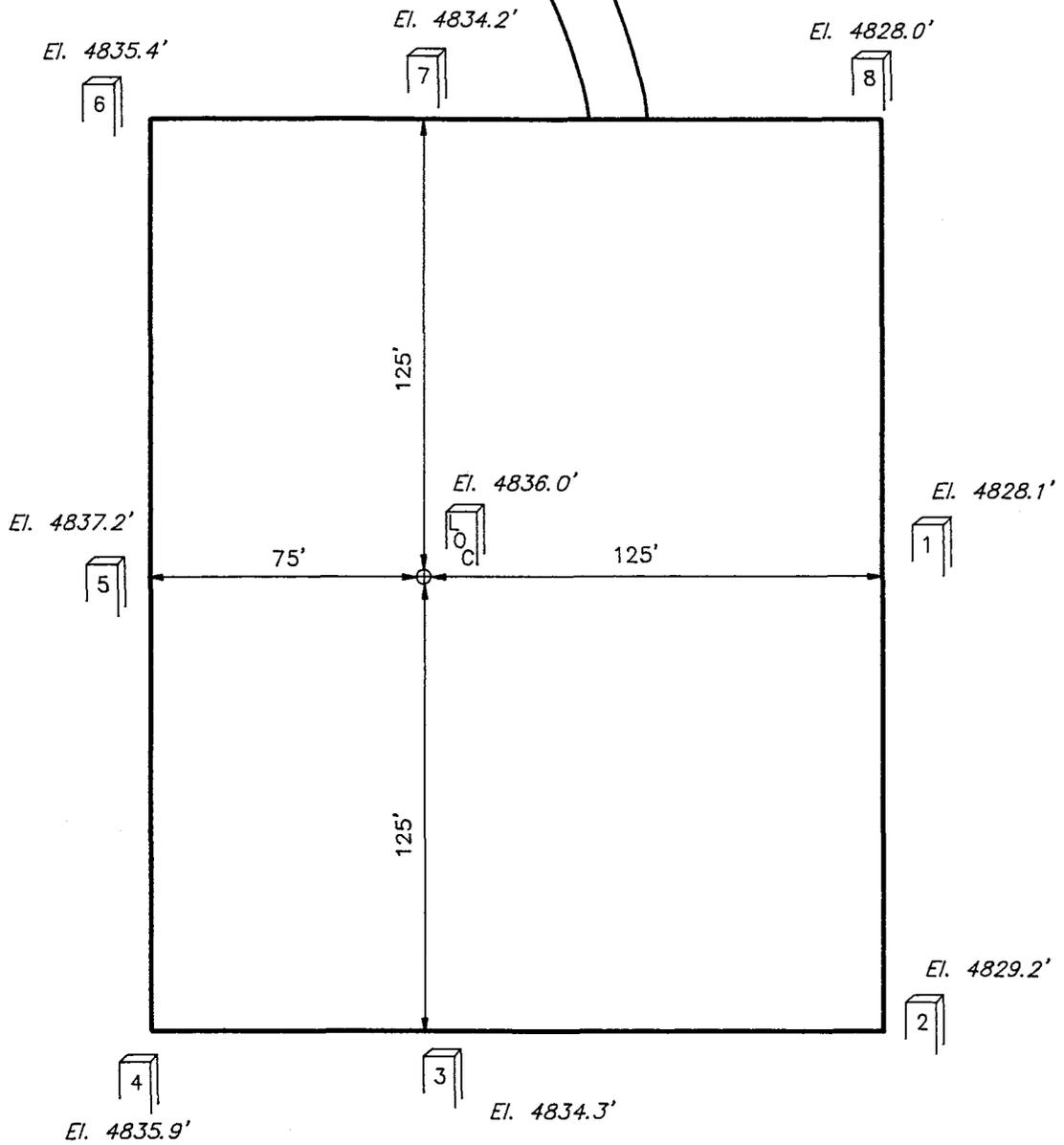
MEDALLION EXPLORATION

LOCATION LAYOUT FOR

FEDERAL #1-19B
SECTION 19, T9S, R19E, S.L.B.&M.
1980' FNL 1979' FEL



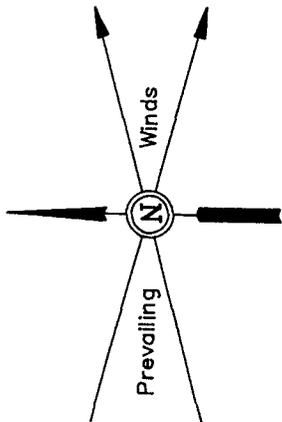
SCALE: 1" = 50'
DATE: 2-7-97
Drawn By: C.B.T.



MEDALLION EXPLORATION

LOCATION LAYOUT FOR

FEDERAL #1-19B
SECTION 19, T9S, R19E, S.L.B.&M.
1980' FNL 1979' FEL

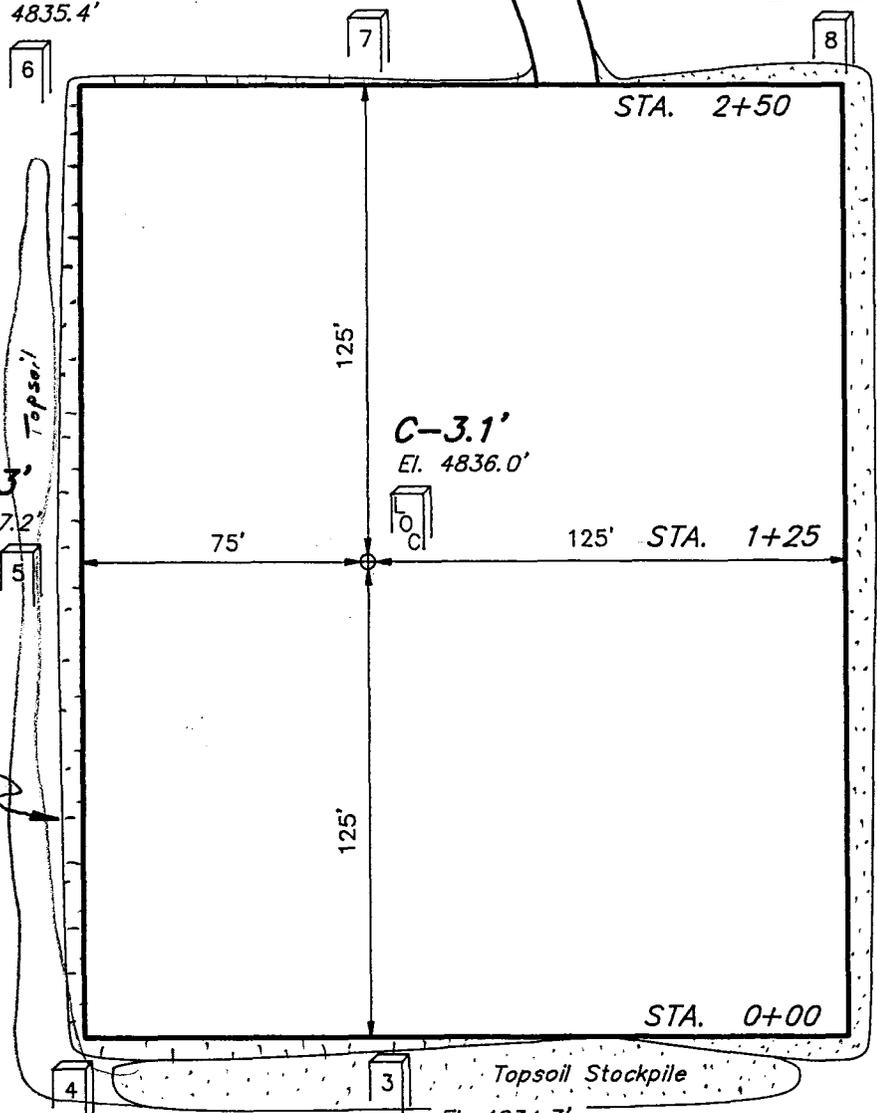


SCALE: 1" = 50'
DATE: 2-7-97
Drawn By: C.B.T.
Revised: 2-12-97 C.B.T.

C-2.5'
El. 4835.4'

C-1.3'
El. 4834.2'

F-4.9'
El. 4828.0'



C-4.3'
El. 4837.2'

C-3.1'
El. 4836.0'

F-4.8'
El. 4828.1'

Approx. Top of Cut Slope

F-3.7'
El. 4829.2'

El. 4835.9'
C-3.0'

El. 4834.3'
C-1.4'

Elev. Ungraded Ground at Location Stake = 4836.0'

Elev. Graded Ground at Location Stake = 4832.9'

MEDALLION EXPLORATION

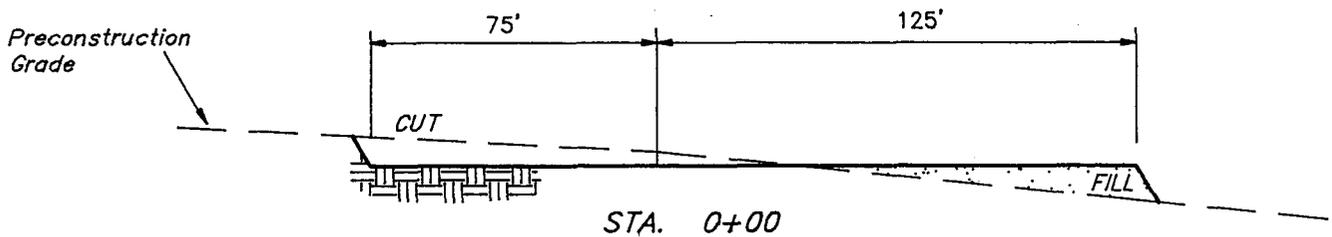
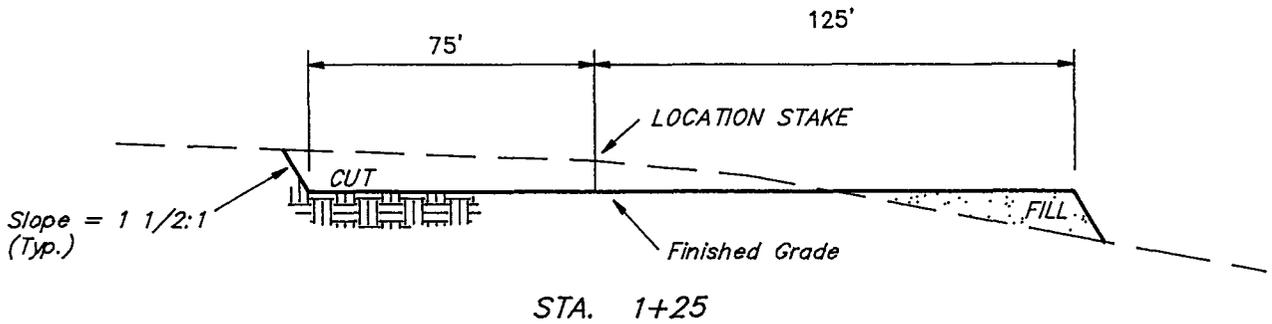
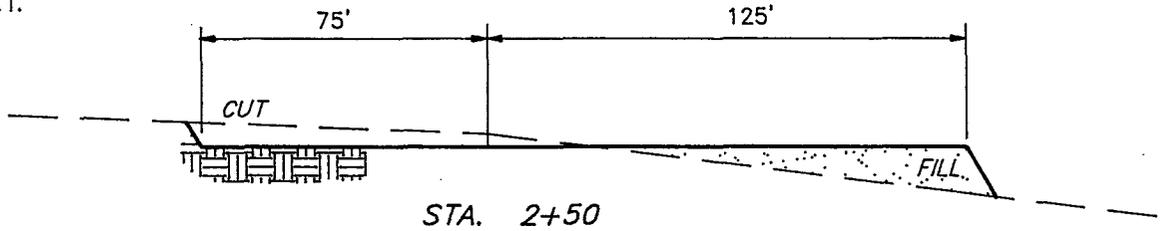
TYPICAL CROSS SECTIONS FOR

FEDERAL #1-19B
SECTION 19, T9S, R19E, S.L.B.&M.
1980' FNL 1979' FEL



1" = 20'
X-Section Scale
1" = 50'

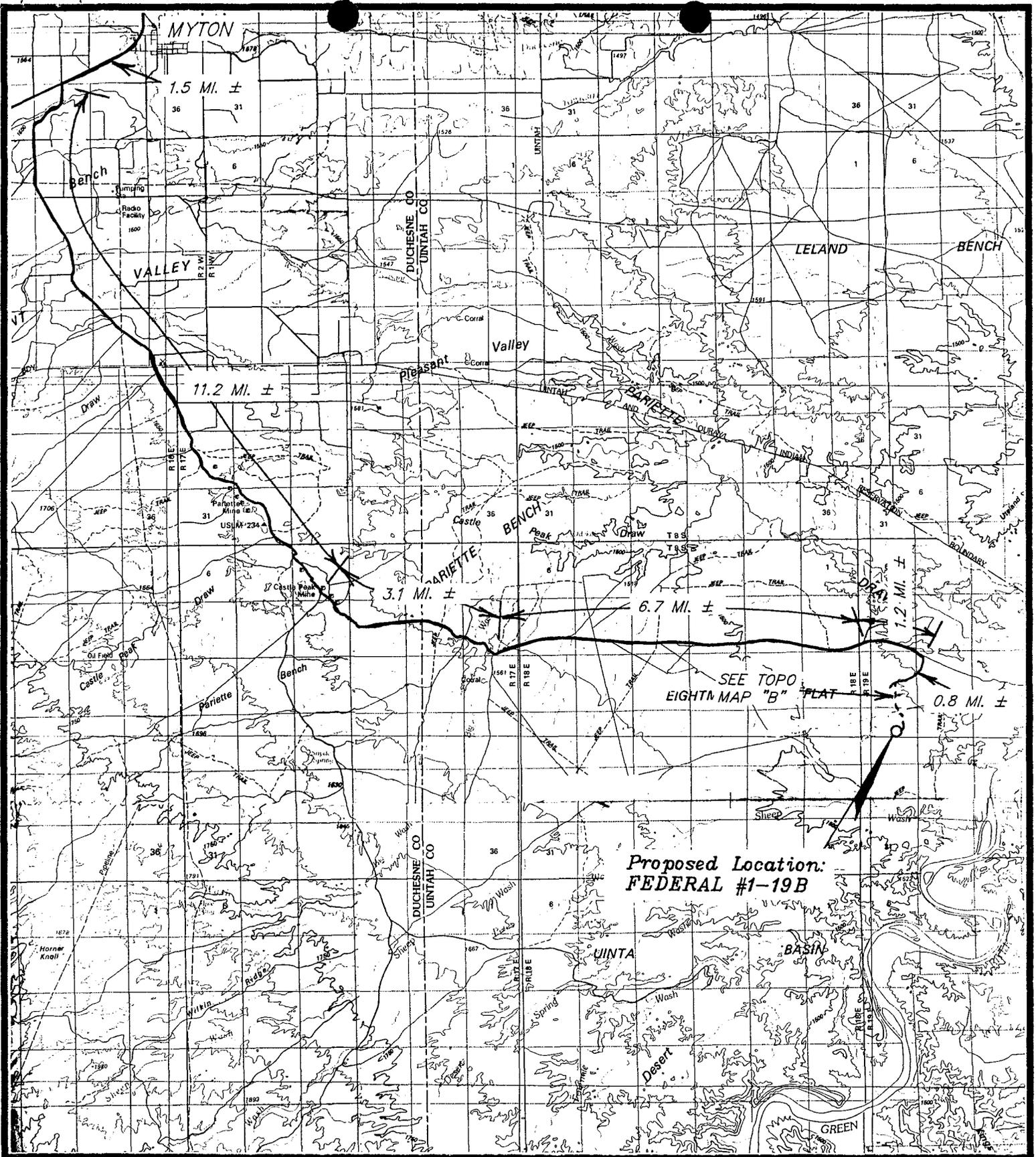
DATE: 2-12-97
Drawn By: C.B.T.



APPROXIMATE YARDAGES

CUT
(6") Topsoil Stripping = 930 Cu. Yds.
Remaining Location = 2,160 Cu. Yds.
TOTAL CUT = 3,090 CU.YDS.
FILL = 2,050 CU.YDS.

EXCESS MATERIAL AFTER
5% COMPACTION = 930 Cu. Yds.
Topsoil Backfill = 930 Cu. Yds.
EXCESS UNBALANCE
(After Rehabilitation) = 0 Cu. Yds.



**TOPOGRAPHIC
MAP "A"**

DATE: 2-7-97

Drawn by: C.B.T.



MEDALLION EXPLORATION

FEDERAL #1-19B

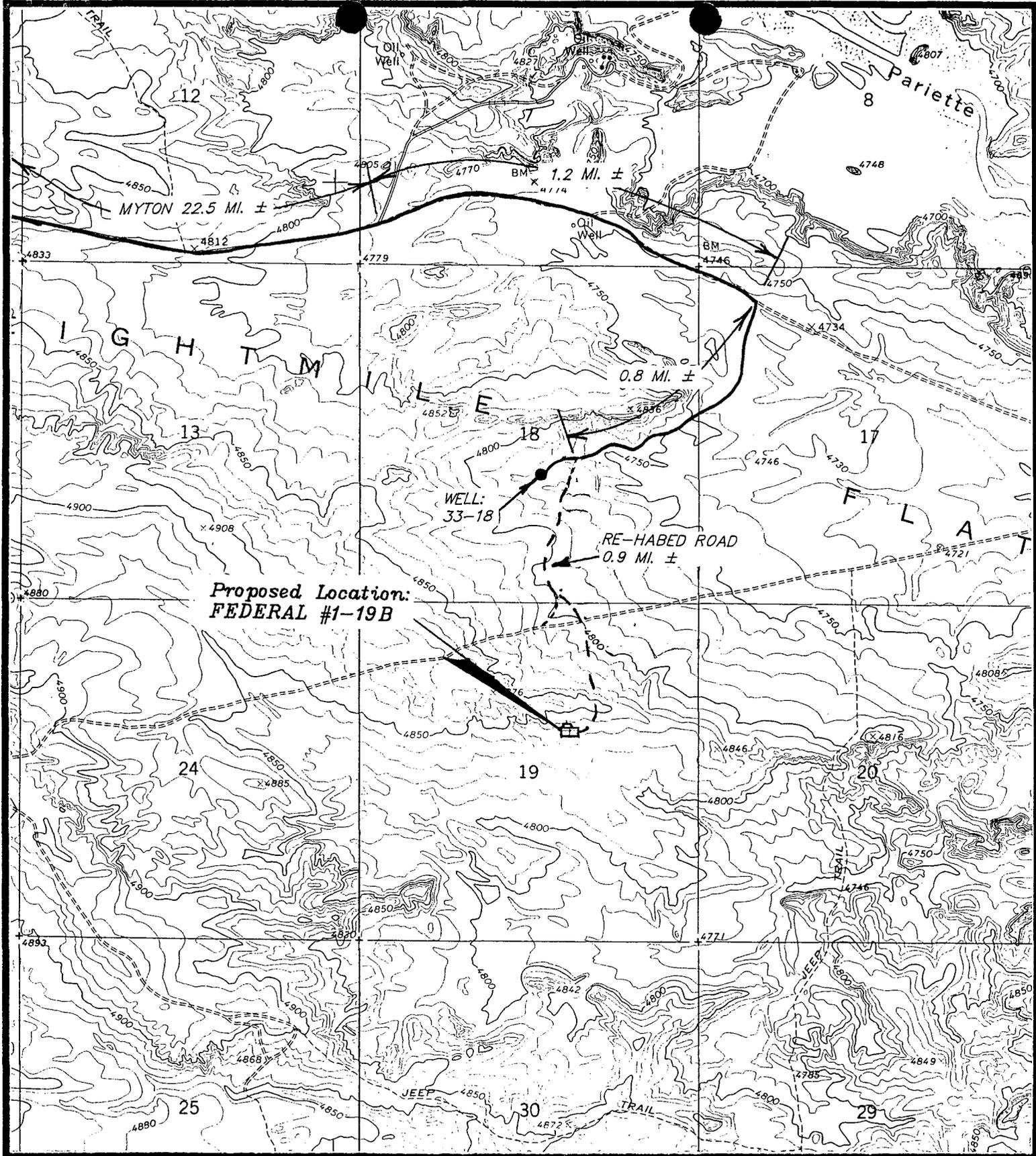
SECTION 19, T9S, R19E, S.L.B.&M.

1980' FNL 1979' FEL



UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



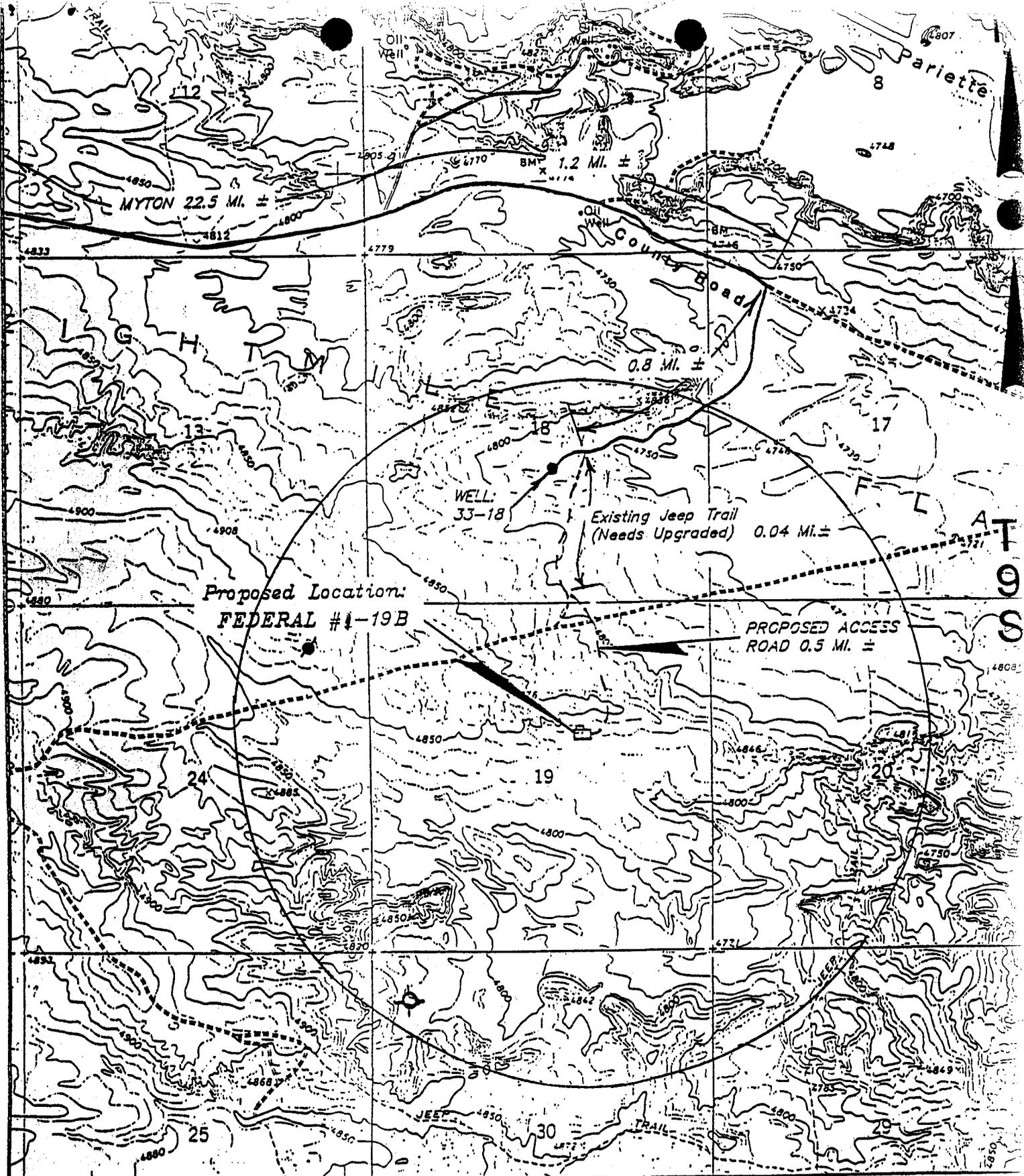
TOPOGRAPHIC
MAP "B"
 DATE: 2-7-97
 Drawn by: C.B.T.



MEDALLION EXPLORATION
 FEDERAL #1-19B
 SECTION 19, T9S, R19E, S.L.B.&M.
 1980' FNL 1979' FEL

UINTAH ENGINEERING & LAND SURVEYING
 85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

SCALE: 1" = 2000'



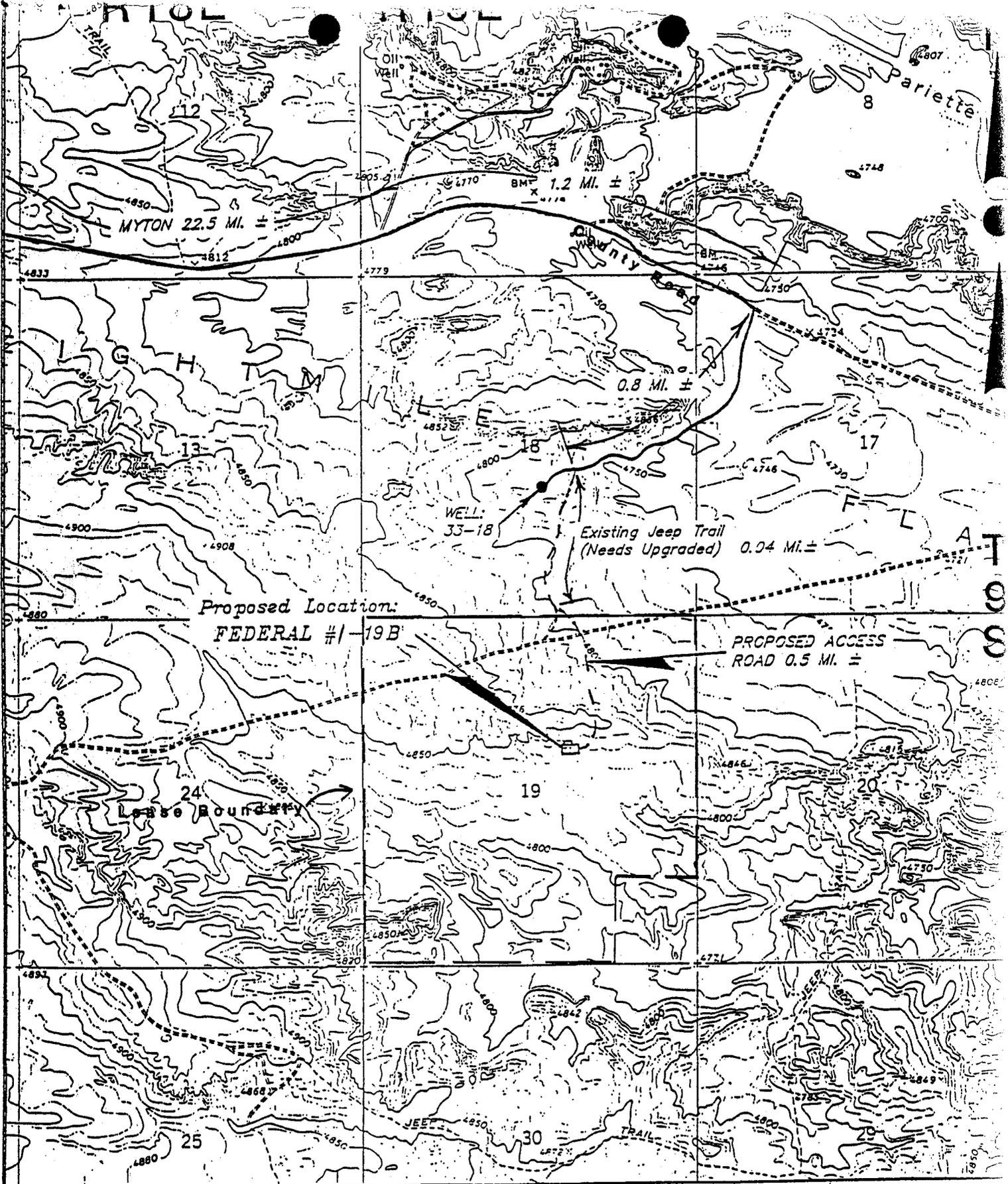
- ◆ Abandoned Well
- Producing Well
- Dry Hole

T O P O G R A P H I C
M A P " C "

SCALE: 1" = 2000'
DATE 2-14-92 R.E.H.



FEDERAL #1-19B
SECTION 19, T9S, R19E, S.L.B.&M.
REVISED: 3-9-92 R.E.H.



MAP "D" - ROW MAP

TOPOGRAPHIC

--- New Access to be Constructed

SCALE: 1" = 2000'
DATE 2-14-92 R.E.H.



ROW
FEDERAL #1-19B
SECTION 19, T9S, R19E, S.L.B.&M.
REVISED: 3-9-92 R.E.H.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/24/97

API NO. ASSIGNED: 43-047-32479

WELL NAME: FEDERAL 1-19B RE-ENTRY
 OPERATOR: MEDALLION EXPLORATIN (N5050)

PROPOSED LOCATION:
 SWNE 19 - T09S - R19E
 SURFACE: 1980-FNL-1980-FEL
 BOTTOM: 2295-FNL-1908-FEL
 UINTAH COUNTY
 PARIETTE BENCH FIELD (640)

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

LEASE TYPE: FED
 LEASE NUMBER: UTU - 76033

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Federal State Fee
 (Number _____)
- Potash (Y/N)
- Oil shale (Y/N)
- Water permit
 (Number 43-1721)
- 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: *Reentry - Dalen Resources Oil & Gas Co.
 Federal 7-19B. P&A.*

STIPULATIONS: _____



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

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

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

March 18, 1997

Medallion Exploration
6975 Union Park Center, Suite 310
Midvale, Utah 84047

Re: Federal 1-19B (Re-entry) Well, 1980' FNL, 1980' FEL, SW NE,
Sec. 19, T. 9 S., R. 19 E., Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-32479.

Sincerely,

A handwritten signature in black ink, appearing to read "R. J. Firth".

R. J. Firth
Associate Director

lwp

Enclosures

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

Operator: Medallion Exploration
Well Name & Number: Federal 1-19B (Re-entry)
API Number: 43-047-32479
Lease: UTU-76033
Location: SW NE Sec. 19 T. 9 S. R. 19 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact R. J. Firth (801)538-5274 or Mike Hebertson at (801) 538-5333.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

Form 3160-3
(November 1983)
(formerly 9-331C)

SUBMIT IN TRIPlicate
(Other instructions on reverse side)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 Medallion Exploration

3. ADDRESS OF OPERATOR
 6975 Union Park Center Ste 310, Midvale Utah 84047

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface
 1,980' FNL & 1,980' FEL SW/4, NE/4
 At proposed prod. zone
 2,295' FNL & 1,908' FEL SW/4, NE/4

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
 24.5 miles South East of Myton Utah

16. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
 600

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 5,600

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DP, BT, GR, etc.)
 4,835' GR, 4,849' KB

22. APPROX. DATE WORK WILL START
 Upon Approval

5. LEASE DESIGNATION AND SERIAL NO.
 UTU 76033

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

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Federal

9. WELL NO.
 7-19B 1-19B

10. FIELD AND FOOT, OR WILDCAT
 Greenriver/Riverbend

11. SEC., T., R., M., OR BLM AND SURVEY OR AREA
 Sec 19, T9S, R19E

12. COUNTY OR PARISH
 Uintah

13. STATE
 Utah

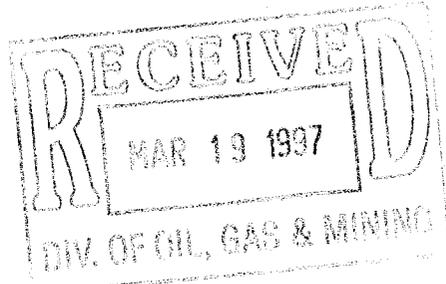
PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	355'	200 sx Premium
7-7/8"	5-1/2"	17#	5,600'	305 sx H-fill w/additives 715 sx 50/50 Poz w/additives

Medallion Exploration proposes to re-enter the 7-19B well and perforate and test zones 5,368-82', 4,960-82'. If productive, tank battery will be built and well put on production. If Dry, the well will be P & A as per BLM and State of Utah requirements.

All surface use requirements will be followed.

See Attachments.



RECEIVED
FEB 24 1997

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new production 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.

SIGNED Arthur Lamb TITLE Field Supt. DATE February 20, 1997

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY [Signature] TITLE Assistant Field Manager
 CONDITIONS OF APPROVAL, IF ANY: _____ DATE MAR 13 1997
 TITLE Mineral Resources

CONDITIONS OF APPROVAL
TO OPERATOR'S COPY

NOTICE OF APPROVAL

*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 representation as to any matter within its jurisdiction.

14080-711-159

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Medallion Exploration

Well Name & Number: Federal 1-19B (Re-entry of the Previous 7-19B)

API Number: 43-047-32479

Lease Number: U-76033

Location: SWNE Sec. 19 T. 9S R. 19E

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.
- BOP and Related Equipment Tests - at least twenty-four (24) hours prior to initiating pressure tests.
- First Production Notice - within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

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

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

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

A. DRILLING PROGRAM

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

Report **ALL** water shows and water-bearing sands to Tim Ingwell of this office. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit analyses to this office .

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for a **2M** system. Individual components shall be operable as designed and shall be function tested prior to drilling out any plugs..

3. 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.

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

6. Notifications of Operations

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

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

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

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

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

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

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

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

7. Other Information

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

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

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

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

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

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

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

be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

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

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

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

Wayne Bankert (801) 789-4170
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

Jerry Kenczka (801) 789-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

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

CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL

-The topsoil should be windrowed along the entire west and north sides of the location to keep runoff water from entering the location.

-The vegetation growing on the location should be mixed in with the topsoil instead of being piled separately as specified in the APD.

-The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by 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.

If capable of production, the well shall be equipped with a multi-cylinder engine or a "hospital-style" muffler.

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

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 Re-Entry

2. NAME OF OPERATOR: Medallion Exploration

3. ADDRESS OF OPERATOR: 6975 Union Park Center, Ste 310 Midvale Utah 84047

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1,980 FNL & 1,980 FEL SW/NE
At top prod. interval reported below
At total depth 2,295' FNL & 1,908' FEL SW/NE

5. LEASE DESIGNATION AND SERIAL NO. 76033

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

7. UNIT AGREEMENT NAME N/A

8. FARM OR LEASE NAME Federal

9. WELL NO. 1-19B

10. FIELD AND POOL, OR WILDCAT Greenriver/Riverbend

11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA Sec 19, T9S, R19E

14. PERMIT NO. 43-047-32479 DATE ISSUED _____

12. COUNTY OR PARISH Uintah 13. STATE Utah

15. DATE SPUDDED 4-3-97 16. DATE T.D. REACHED 4-12-97 17. DATE COMPL. (Ready to prod.) 5-12-97 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4,849' KB 19. ELEV. CASINGHEAD _____

20. TOTAL DEPTH, MD & TVD 5,600' 21. PLUG BACK T.D., MD & TVD N/A 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS X CABLE TOOLS _____

24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* N/A (Dry Hole) 25. WAS DIRECTIONAL SURVEY MADE _____

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL/DSN/CBL 1-27-97 27. WAS WELL CORED _____

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	355'	12-1/4"	200 sx Premium	0
5-1/2"	17	5,600'	8-3/4"	305 sx H-fill w/additives & 715 sx 50/50 Poz w/additives	0

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
	N/A	N/A

31. PERFORATION RECORD (Interval, size and number)

5,368-84	4 SPF	64 Holes
4,930-40	4 SPF	40 Holes
4,960-65	4 SPF	20 Holes
4,792-82	4 SPF	40 Holes
2,582-92	4 SPF	40 Holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5,368-84	1,000 gals 15% HCL w/85 ballseal
	CIBP @ 5,290' w/1 sx cmt
4,930-82	2,000 gals 15% HCL w/150 ballseal
	CIBP @ 3,550' w/2 sx cmt

33. PRODUCTION

DATE FIRST PRODUCTION: N/A PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) _____ WELL STATUS (Producing or shut-in) P/A

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

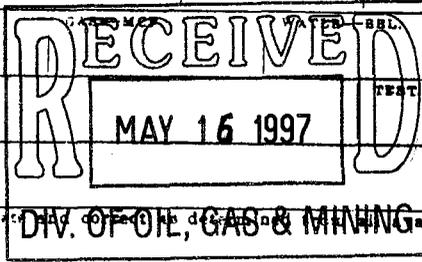
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

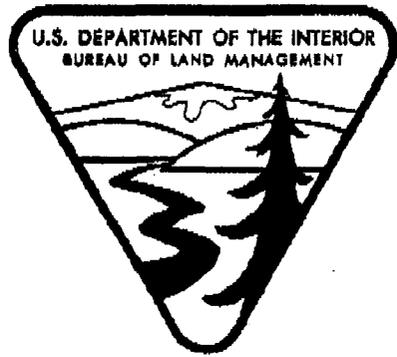
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) _____ TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS _____

36. I hereby certify that the foregoing and attached information is complete and correct to the best of my knowledge and belief and is available records

SIGNED [Signature] TITLE Field Supt. DATE 5/13/97





TELEFAX COVER SHEET

TO: Steve Lamb

OFFICE: Medallion Exploration,

NUMBER: 801-722-4600

FAX: 801-722-4613

FROM: WAYNE P. BANKERT (Petroleum Engineer)

OFFICE: VERNAL BLM
VERNAL, UTAH

NUMBER: 801-781-4486

FAX: 801-781-4410

NUMBER OF PAGES (INCLUDING COVER SHEET): 5

REMARKS: Steve: The P&A is about the same as the original plugging. Let us know a day in advance when you plan on rigging up so we can have someone there.

Thanks

Wayne P. Bankert

PLUGGING REQUIREMENTS

PLUG 1: Spot an additional 35' cement on top of the CIBP set at 3550'.

PLUG 2: Set a minimum 100' balanced cement plug from 1090'- 1190' to isolate the base of the usable water zone.

PLUG 3: Set a minimum of 100' cement plug across the 9 5/8" Surface shoe at 355'.

PLUG 4: A minimum of 50' cement plug at the surface to include the 5 1/2" and the 5 1/2" X 9 5/8" annulus.

PLUG 5: _____

PLUG 6: _____

PLUG 7: _____

IT WILL BE LEFT TO THE DISCRETION OF THE BLM REPRESENTATIVE ON LOCATION AS TO WHETHER OR NOT ANY ADDITIONAL PLUGS WILL NEED TO BE TAGGED.

Notify this office at least 24 hours prior to commencing plugging operations.

APPROVED BY: Wayne B. Bellet DATE: May 12, 1997 TIME: 11:34

CONDITIONS OF APPROVAL FOR WELL ABANDONMENT

Company: Medallion Exploration Location SWNE S19 T09S R19E

Well No. Fed. 1-19B Lease No. UTU-76033

**A COPY OF THESE CONDITIONS SHOULD BE GIVEN TO
YOUR FIELD REPRESENTATIVE TO ENSURE COMPLIANCE**

1. This office will be notified sufficiently in advance of actual plugging work so that a representative may have an opportunity to witness the operation. If time permits, please try to notify this office at least 24 hours in advance of rigging up.

2. Upon completion of the approved plugging program, erect the regulation marker in accordance with 43 CFR 3162.6(b) and clean up the site. The marker should not be less than 4 inches in diameter and extend approximately 4 feet above recontoured surface level. Heap up the dirt around the base of the marker about 18 inches to take care of any settling of the cellar. The top of the marker will be closed or capped, and the bottom of the marker will be placed in the top cement plug or welded to or through a 1/4 inch steel plate which is welded onto the cut-off surface casing. Pits must be fenced unless approved otherwise by the authorized officer.

3. The following minimum information will be permanently and legibly placed on the marker with a plate, cap or welded bead:

- A. Name of the operator.
- B. Lease serial number.
- C. Well number.
- D. Surveyed description of the well; section, township and range and either footages or quarter-quarter section.

4. Within 30 days after well bore plugging operations have been completed, Form 3160-5 (formerly Form 9-331), Subsequent Report of Abandonment, will be submitted to this office. The report must show the location of all plugs or any mechanical setting device, quantity and type of cement and additives in each plug, amount of casing or any tubulars left in the hole, methods used to test plugs and test results, and the status of the surface restoration. If a temporary delay in the removal of equipment or surface cleanup is deemed necessary, so justify in your report. This abandonment report will be approved by this office by this office with surface stipulations. Liability for the well shall not be released until the surface management agency approves the actual site rehabilitation.

5. If not previously filed, submit in duplicate, Form 3160-4 (formerly Form 9-330), Well completion or Recompletion Report and Log, well history, electric logs, any other surveys, and, if taken, core analysis. This completion report must be filed within 30 days after the culmination of downhole plugging operations.

6. The Bureau of Land Management District Office address is:

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

(801) 781-4400

7. For downhole concerns or approvals contact:

Wayne Bankert
Petroleum Engineer
Work: (801) 781-4486
Home: (801) 789-4170

Ed Forsman
Petroleum Engineer
Work: (801) 781-4490
Home: (801) 789-7077

8. For surface concerns contact the respective Resource Area Minerals Staff specified in the Surface Rehabilitation Conditions of Approval.

APPROVAL TO PLUG AND ABANDON WELL - OPEN HOLE

OPERATOR: Medallion Exploration

REPRESENTATIVE: Steve Lamb

PHONE: 801-722-4600

WELL NUMBER: Federal 1-19B

LEASE: U-76033

LOCATION: SWNE SEC: 19 TWN: 09S RNG: 19E

FIELD/CA/UNIT NAME: _____

FORMATION	TOP	BASE	SHOWS
<u>UINTA FM</u>	<u>SURFACE</u>	_____	_____
<u>GREEN RIVER FM</u>	<u>1940</u>	<u>5220</u>	_____
<u>BIRDS NEST</u>	_____	_____	_____
<u>MAHOGANY</u>	<u>2560</u>	<u>2640</u>	_____
<u>L-1</u>	<u>2760</u>	<u>2840</u>	_____
<u>WASATCH</u>	<u>52205</u>	<u>4116</u>	_____
<u>MESA VERDE</u>	<u>NP</u>	_____	_____

OIL SHALE/TAR SAND SHOW: YES NO

DEPTH(IF NOT SHOWN ABOVE): _____

CASING SIZE	SETTING DEPTH	TOP OF CEMENT	TO BE PULLED
<u>9 5/8 36.0#</u>	<u>368'</u>	<u>surface</u>	_____
<u>5 1/2 17.0#</u>	<u>5600'</u>	<u>surface</u>	_____

T.D.: 5597 SIZE HOLE: 7 7/8 CEMENT YIELD: 1.15 FT.³/SX

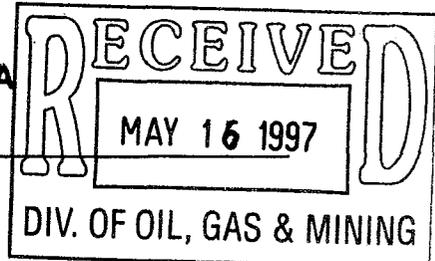
MUD WEIGHT: KCL PPG BASE OF FRESH WATER SANDS: _____

REMARKS/ADDITIONAL DATA

DRILL STEM TEST: _____

LOST CIRCULATION ZONES: _____

KNOWN WATER ZONES: None Encountered



ADDITIONAL INFORMATION: CIBP at 5290'. CIBP set at 3550' capped w/2 sx cement
Perfs at 5368'-5384' and 4930'-4982'