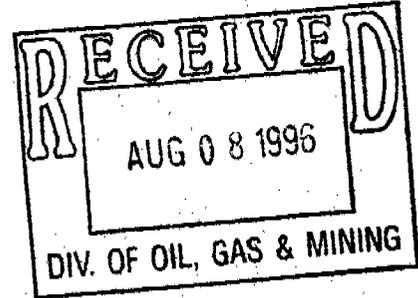




August 6, 1996



Utah Division of Oil, Gas & Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, UT 84114-5801

Attn: Frank Matthews

Re: **Enserch Exploration, Inc.**  
**Federal #34-18I**  
**SW SE Sec. 18, T9S - R18E**  
**Uintah County, Utah**

Dear Frank,

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

Please forward the approved copies to me at the address shown below. Thanks for your assistance in this matter.

Sincerely,

PERMITCO INC.

A handwritten signature in cursive script that reads "Lisa L. Smith".

Lisa L. Smith  
Consultant for:  
Enserch Exploration, Inc.

Enc.

cc: **Enserch Exploration, Inc. - Dallas, TX**  
**Enserch Exploration, Inc. - Vernal, UT**

Permitco Incorporated  
A Petroleum Permitting Company

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

**RECEIVED**  
AUG 08 1996  
SUMMIT COUNTY, UTAH  
(Other instructions on reverse side)

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

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

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

5. LEASE DESIGNATION AND SERIAL NO.  
**U-39714**

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

1a. TYPE OF WORK    **DRILL**     **DEEPEN**     **PLUG BACK**

7. UNIT AGREEMENT NAME  
**N/A**

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

8. FARM OR LEASE NAME  
**Federal**

2. NAME OF OPERATOR    **214/987-6430**    **4849 Greenville Ave., Suite 1200**  
**Enserch Exploration, Inc.**    **Dallas, Texas 75206**

9. WELL NO.  
**#34-181**

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

10. FIELD AND POOL OR WILDCAT  
**Eight Mile Flat**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At Surface    **660' FSL and 1980' FEL**  
At proposed Prod. Zone    **SW SE Sec. 18, T9S - R18E**

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA  
**Sec. 18, T9S - R18E**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**19 miles southeast of Myton, Utah**

12. COUNTY OR PARISH    **Uintah**    13. STATE    **Utah**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)  
**660'**

16. NO. OF ACRES IN LEASE  
**1717.32**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**40**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.  
**Approx. 1300'**

19. PROPOSED DEPTH  
**5700'**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**5122' GR**

22. APPROX. DATE WORK WILL START\*  
**October 13, 1996**

23. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	400'	270 cubic feet Class "G"
7-7/8"	5-1/2"	17#	5700'	1900 cubic feet Light &

Class "G".

Enserch Exploration, Inc. proposes to drill a well to 5700' to test the Douglas Creek D & F Markers. 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 Enserch Exploration, Inc. is considered to be the Operator of the above mentioned well. Enserch Exploration, Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by BLM Nationwide Bond No. MT-0680 (203826). The principal is Enserch Exploration, Inc. via surety consent as provided for in 43 CFR 3104.2.

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

24. SIGNED *Greg G. Smith*    Consultant for:    TITLE Enserch Exploration, Inc.    DATE 08/06/96

(This space for Federal or State office use)

PERMIT NO. 43-047-32780    APPROVAL DATE \_\_\_\_\_

APPROVED BY *J. Matthews*    TITLE *Petroleum Engineer*    DATE 8/29/96

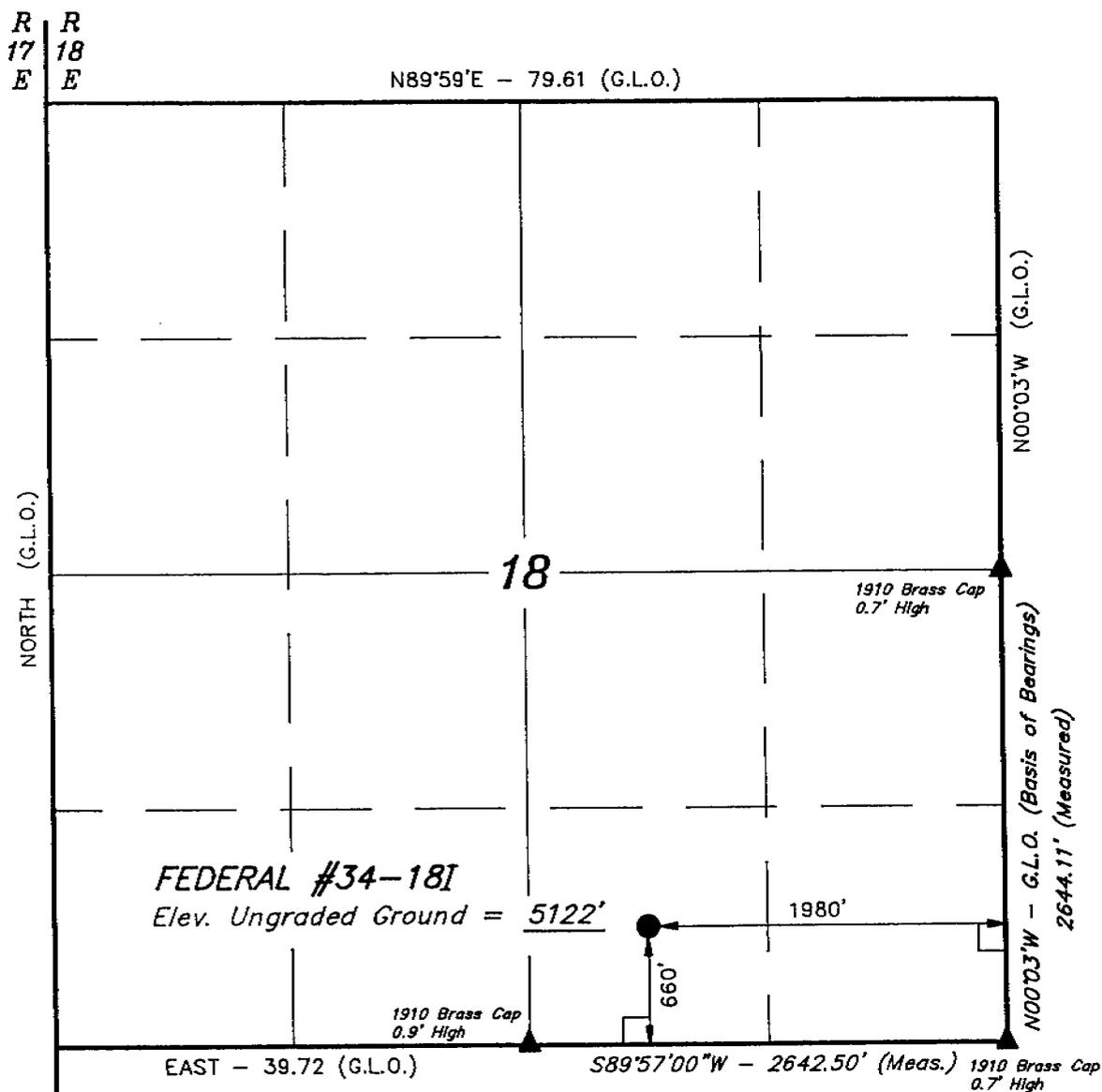
CONDITIONS OF APPROVAL, IF ANY:

cc: Utah Division of Oil, Gas & Mining

\*See Instructions On Reverse Side

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

T9S, R18E, S.L.B.&M.



**LEGEND:**

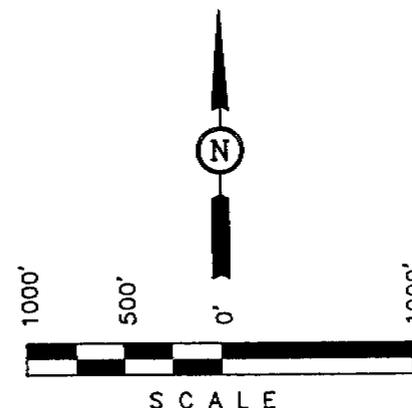
- └ = 90° SYMBOL
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**ENSERCH EXPLORATION, INC.**

Well location, FEDERAL #34-18I, located as shown in the SW 1/4 SE 1/4 of Section 18, T9S, R18E, S.L.B.&M. Uintah County, Utah.

**BASIS OF ELEVATION**

SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION 18, T9S, R18E, S.L.B.&M. TAKEN FROM THE PARIETTE DRAW SW, QUADRANGLE, UTAH, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5119 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.

No. 161319  
**JOE ROBERTS**  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b>		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 7-12-96	DATE DRAWN: 7-15-96
PARTY G.S. J.K. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE ENSERCH EXPLORATION, INC.	

**RECEIVED**  
AUG 08 1996  
(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**

5. LEASE DESIGNATION AND SERIAL NO.  
**U-39714**

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

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At Surface     **660' FSL and 1980' FEL**  
At proposed Prod. Zone     **SW SE Sec. 18, T9S - R18E**

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CONFIDENTIAL - TIGHT HOLE

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24. SIGNED *[Signature]*     CONSULTANT FOR:     TITLE Enserch Exploration, Inc.     DATE 08/06/96

PERMIT NO. 43-047-32780     APPROVAL DATE  
APPROVED BY *[Signature]*     TITLE Professional Engineer     DATE 8/29/96  
CONDITIONS OF APPROVAL, IF ANY:

cc: Utah Division of Oil, Gas & Mining

\*See Instructions On Reverse Side

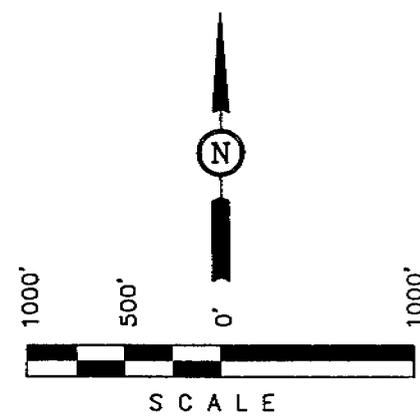
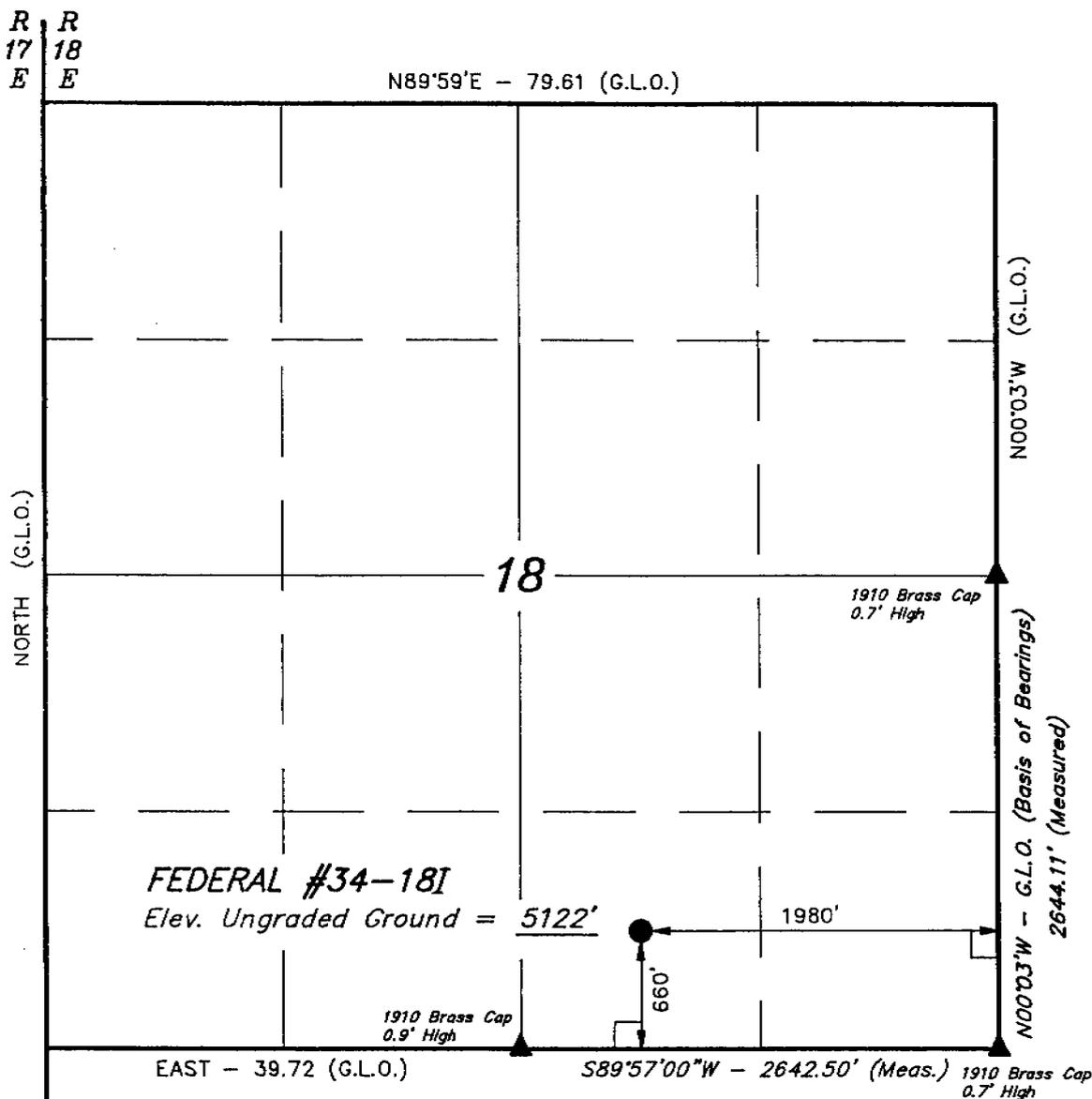
T9S, R18E, S.L.B.&M.

ENSERCH EXPLORATION, INC.

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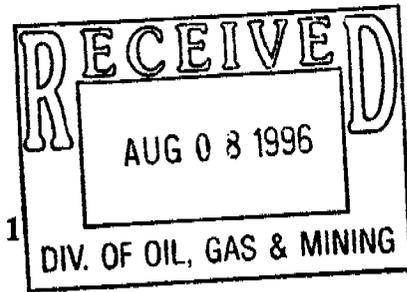
FILE NO. 161319  
 FILE ROBERT L. JENSEN  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

LEGEND:

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

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b>		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(801) 789-1017		
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PARTY G.S. J.K. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE ENSERCH EXPLORATION, INC.	

**CONFIDENTIAL - TIGHT HOLE**



**ONSHORE OIL & GAS ORDER NO. 1**

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

**Federal #34-18I  
660' FSL and 1980' FEL  
SW SE Sec. 18, T9S - R18E  
Uintah County, Utah**

**Prepared For:**

**ENSERCH EXPLORATION, INC.**

**By:**

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

**CONFIDENTIAL - TIGHT HOLE**

**Copies Sent To:**

- 3 - BLM - Vernal, Utah**
- 1 - Utah Division of Oil, Gas & Mining - SLC, UT** ←
- 5 - Enserch Exploration, Inc. - Dallas, TX**
- 1 - Enserch Exploration, Inc. - Vernal, Utah**



**Permitco**  
Permitco Incorporated  
A Petroleum Permitting Company

**ENSERCH  
EXPLORATION** INC.

Drilling Division  
4849 Greenville Ave., Suite 1200  
Dallas, Texas 75206-4186

**Bureau of Land Management  
170 S. 500 East  
Vernal, Utah 84078**

**Attn: Minerals**

**Re: Federal 34-18 I  
Sec. 18-T9S-R18E  
Uintah Co., Utah**

**Gentlemen:**

**This letter is to inform you that Permitco Inc. is authorized to act as Agent and to sign documents on behalf of Enserch Exploration, Inc. when necessary for filing county, state and federal permits including Onshore Order No. 1, Right of Way applications, etc., for the above mentioned well.**

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

**Enserch Exploration, Inc. agrees to accept full responsibility for operations conducted in order to drill, complete and produce the above mentioned well.**

  
Wm. Dane Hendley      Date

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**Federal #34-18I**

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**ONSHORE ORDER NO. 1**  
Enserch Exploration, Inc.  
Federal #34-18I  
660' FSL and 1980' FEL  
SW SE Sec. 18, T9S - R18E  
Uintah County, Utah

CONFIDENTIAL - TIGHT HOLE

Lease No. U-39714

DRILLING PROGRAM  
Page 1

**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>
Uintah	Surface	
Green River	1187'	+3948'
Douglas Creek Marker	4340'	+ 795'
"D" Marker	4575'	+ 560'
"F" Marker	5139'	- 4'
Basal Limestone	5527'	- 392'
T.D.	5700'	

2. Estimated Depth of Anticipated Water, Oil, Gas or Mineral Formations:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Oil	D Sands	4575-4700'
Oil	F Marker	5170-5300'
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**

Enserch'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.

ONSHORE ORDER NO.  
Enserch Exploration, Inc.  
Federal #34-18I  
660' FSL and 1980' FEL  
SW SE Sec. 18, T9S - R18E  
Uintah County, Utah

CONFIDENTIAL - TIGHT HOLE

Lease No. U-39714

DRILLING PROGRAM  
Page 3

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 10", 3000 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. Three centralizers will be run on the bottom three joints of surface casing with a minimum of one centralizer per joint starting with the shoe joint.
- 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>New or Used</u>	
						<u>Type</u>	<u>Used</u>
Surface	0-400'	12-1/4"	8-5/8"	24#	J-55	ST&C	New
Produc.	0-5700'	7-7/8"	5-1/2"	15.5#	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>
0-400'	270 cubic feet Class "G" containing CaCl <sub>2</sub> and fluid loss. Approx. 15.8 ppg and 1.17 cubic feet/sk.



**Production**  
**0-5700'**

**Type and Amount**

**Lead: 1300 cubic feet Light weight cement containing gel, salt and LCM. Approx. 11.1 ppg and 2.82 cubic feet/sk.**

**Tail: 600 cubic feet Class "G" containing gypsum, retarder and salt. Approx. 14.9 ppg, 1.52 cubic feet/sk.**

- 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>
0-5700'	Wtr./Lime & Gel	8.4-8.8	27-36	N/C	9.0-10.0

There will be sufficient mud on location to control a blowout should one occur.

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

- b. Mud monitoring equipment to be used is as follows:
  - 1. Periodic checks will be made each tour of the mud system. The mud level will be checked visually.
- c. No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.
- d. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355,

in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

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

6. Evaluation Program

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

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

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

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

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

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

**ONSHORE ORDER NO. 1**  
**Enserch Exploration, Inc.**  
**Federal #34-18I**  
**660' FSL and 1980' FEL**  
**SW SE Sec. 18, T9S - R18E**  
**Uintah County, Utah**

**CONFIDENTIAL - TIGHT HOLE**

**Lease No. U-39714**

**DRILLING PROGRAM**

**Page 9**

- b. The following logs will be run:
- |                                |            |
|--------------------------------|------------|
| Laterolog                      | 0-5700'    |
| Microspher Focused Log/Caliper | 3000-5700' |
| Density Log                    | 3000-5700' |
| Neutron Log                    | 3000-5700' |
- c. No cores will be run.
- 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 zones of interest and frac hydrocarbon bearing zones. Flow to tanks.
- 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. The expected bottom hole pressure is 2600 psi.
- b. No hydrogen sulfide gas is anticipated and no abnormal pressures or temperatures are anticipated.

8. Anticipated Starting Dates and Notification of Operations

- a. Drilling will commence on approximately October 13, 1996.
- b. It is anticipated that the drilling of this well will take approximately 8 days.
- c. The BLM in Vernal, Utah shall be notified of anticipated date of location construction commencement and of anticipated spud date.
- d. 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.
- e. 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.
- f. 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.
- g. 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.
- h. 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.

- i. 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.
- j. 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.
- k. 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.
- l. A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9.d.), 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 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.).
- m. A first production conference will be scheduled within 15 days after receipt of the first production notice.
- n. 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.



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**Enserch Exploration, Inc.**  
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**660' FSL and 1980' FEL**  
**SW SE Sec. 18, T9S - R18E**  
**Uintah County, Utah**

**CONFIDENTIAL - TIGHT HOLE**

**Lease No. U-39714**

**DRILLING PROGRAM**

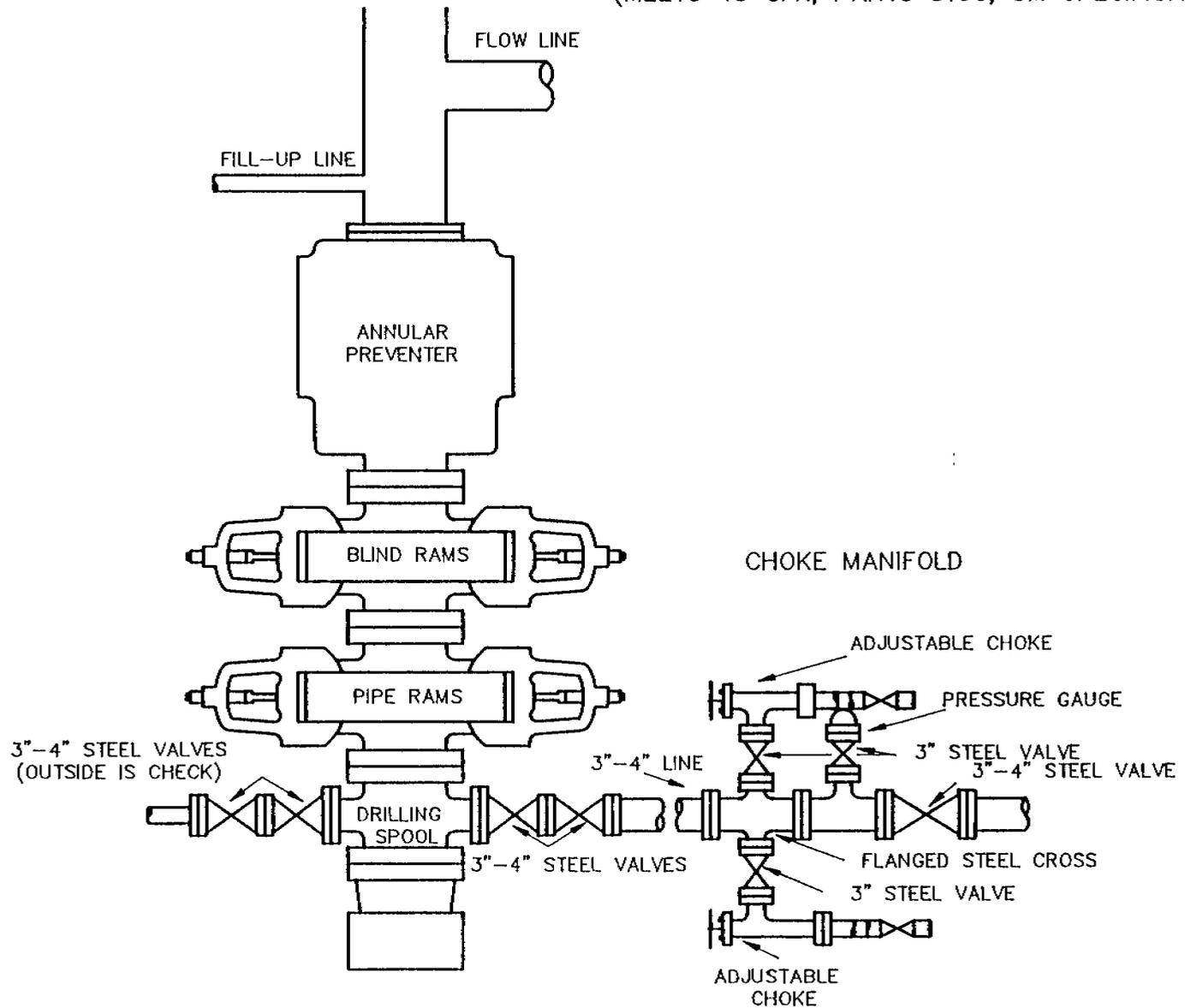
**Page 12**

- o. 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.



**Permitco Incorporated**  
A Petroleum Permitting Company

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



**ONSHORE ORDER NO. 1**  
Enserch Exploration, Inc.  
Federal #34-181  
660' FSL and 1980' FEL  
SW SE Sec. 18, T9S - R18E  
Uintah County, Utah

CONFIDENTIAL - TIGHT HOLE

Lease No. U-39714

SURFACE USE PLAN

Page 1

**ONSHORE OIL & GAS ORDER NO. 1**

Thirteen Point Surface Use Plan

**NOTIFICATION REQUIREMENTS**

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

The onsite inspection for the above mentioned well was conducted on Tuesday, July 23, 1996 at approximately 11:50 a.m. Weather conditions were warm and dry. Present at the onsite inspection were the following individuals:

<b>Byron Tolman</b>	<b>Natural Resource Specialist</b>	<b>BLM</b>
<b>Robert Kay</b>	<b>Surveyor</b>	<b>UELS</b>
<b>Lisa Smith</b>	<b>Permitting Consultant</b>	<b>Permitco Inc.</b>
<b>Dane Hendley</b>	<b>Drilling Supervisor</b>	<b>Enserch Exploration, Inc.</b>
<b>Harley Jackson</b>	<b>Dirt Contractor</b>	<b>Harley Construction</b>
<b>Tony Pummell</b>	<b>Dirt Contractor</b>	<b>Stubbs &amp; Stubbs Const.</b>



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**1. Existing Roads**

a. The proposed well site is located approximately 16 miles southeast of Myton, Utah.

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

From Myton proceed south on Highway 40 for 1.5 miles. Turn left onto an existing paved road and proceed southerly and then southeasterly for 11.2 miles to the old Castle Peak Mine. Continue in a southeasterly direction for 3.2 miles along the Eight Mile Flat road. Then east for 1.8 miles. Turn right and proceed south for 0.9 miles. Turn right and proceed southwesterly for 0.7 mile. Turn right onto the new access road (flagged) and proceed northwesterly for approximately 0.2 miles to the #44-18I location. Continue past the 44-18I location in a westerly direction for an addition 0.2 miles to the location.

c. For location of access roads within a 2-Mile radius, see Maps A & B.

d. Improvement to the existing access will not be necessary.

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. There will be approximately 0.2 miles of new access which was flagged at the time of staking.

b. The maximum grade is approximately 4% or less.

c. No turnouts are planned.



- d. No culverts and/or bridges will be required, however, appropriate drain dips or water turnouts will be installed as necessary to control erosion.
- e. The need for surfacing material is not anticipated.
- 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. A road right of way application has been previously submitted for access across the NE SW of Section 17, T9S - R18E.



3. Location of Existing Wells Within a 1-Mile Radius of the Proposed Location.  
(See Map #C).
- a. Water wells - none
  - b. Injection wells - none
  - c. Producing wells - none
  - d. Drilling wells - none
  - e. Shut-in wells - none
  - f. Temporarily abandoned wells - none
  - g. Disposal wells - none
  - h. Dry Holes - none
4. Location of Tank Batteries and Production Facilities.
- a. All permanent structures (onsite for six months or longer) constructed or installed (including oil well pump jacks) will be painted Desert Tan (10YR6/3). All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.
  - b. If storage facilities/tank batteries are constructed on this lease, the facility/battery or the wellpad shall 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 production facility diagram is attached.



- d. All loading lines will be placed inside the berm surrounding the tank battery.
- e. 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.
- f. Any necessary pits will be properly fenced to prevent any wildlife entry.
- g. All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.
- h. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.
- i. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic.
- j. 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 either the U.G.W. (well) located in Section 27, T1S - R2W (Permit No. 84-43-73 t 14099) or Gorman Draw Reservoir in Section 12, T4S - R2W, (Permit No. 47-1437 t20196).
- 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 permits are attached.

**6. Source of Construction Material**

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

**7. Methods of Handling Waste Disposal**

- a. **The reserve pit will be constructed so as not to leak, break, or allow discharge.**
- b. **A reserve pit liner will not be necessary.**
- 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 as shown on the location layout diagram.**
- b. The flare pit will be located downwind of the prevailing wind direction and will be a minimum of 100 feet from the well head and will be approximately 35 feet from the reserve pit fence.**
- c. Approximately six inches of topsoil will be stripped and wind rowed along the south side of the location between points 2 and 8 as shown on the location layout.**
- d. The topsoil stockpile will serve as a natural berm to divert drainage around the location. Drainage is minimal.**
- e. Access to the wellpad will be from the east as shown on the attached rig layout.**
- 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 is shown on the Location Layout.**



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

**10. Plans for Restoration of Surface**

**Producing Location**

- a. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash and junk not required for production.
- b. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.



- c. The 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.
- d. At the time of reclamation and final abandonment, the Bureau of Land Management will provide an appropriate seed mixture.

Dry Hole

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

11. Surface Ownership

Access Roads - All roads are County maintained or a located on BLM lands covered under a proposed ROW.

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

12. Other Information

- a. A Class III archeological survey was conducted by Metcalf Archeological Consultants. No significant cultural resources were found and clearance has been recommended. A copy of this report is attached.
- b. The operator is responsible for informing all persons in the areas who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:



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

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

**-a time frame for the AO to complete and expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate. If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.**

- c. Pursuant to 43 CFR 10.4 (g) the holder of this authorization must notify the authorized officer, by telephone, with written confirmation, immediately upon the discovery of human remains, funerary items, sacred objects, or objects of cultural patrimony. Further, pursuant to 43 CFR 10.4 (c) and (d), you must stop activities in the vicinity of the discovery and protect it for 30 days or until notified to proceed by the authorized officer.**
- d. 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.**
- e. 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.**



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**Enserch Exploration, Inc.**  
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**Uintah County, Utah**

**CONFIDENTIAL - TIGHT HOLE**

**Lease No. U-39714**

**SURFACE USE PLAN**

**Page 11**

- f. All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.**
- g. A complete copy of the approved APD shall be on location during construction of the location and drilling activities.**
- h. This permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.**
- i. The operator or his contractor shall contact the BLM Offices at 801/789-1362 48 hours prior to construction activities.**
- j. The BLM Office shall be notified upon site completion prior to moving on the drilling rig.**
- k. In the event after-hours approvals are necessary, please contact one of the following individuals:**

**Wayne Bankert**  
**Ed Forsman**  
**BLM Fax Machine**

**Petroleum Engineer**  
**Petroleum Engineer**

**801/789-4170**  
**801/789-7077**  
**801/781-4410**



**Permitco Incorporated**  
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ONSHORE ORDER NO.  
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Uintah County, Utah

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Lease No. U-39714

SURFACE USE PLAN  
Page 12

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 Matters  
ENSERCH EXPLORATION, INC.  
4849 Greenville, Suite 1200  
Suite 1200  
Dallas, TX 75206  
Dane Hendley - 214/987-6430

Completion & Production Matters  
ENSERCH EXPLORATION, INC.  
85 South 200 East  
Vernal, Utah 84078  
Randy Miller - 801/789-5192

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 Enserch Exploration, Inc. and its contractors and subcontractors in conformity with the plan and the terms and conditions under which it is approved.

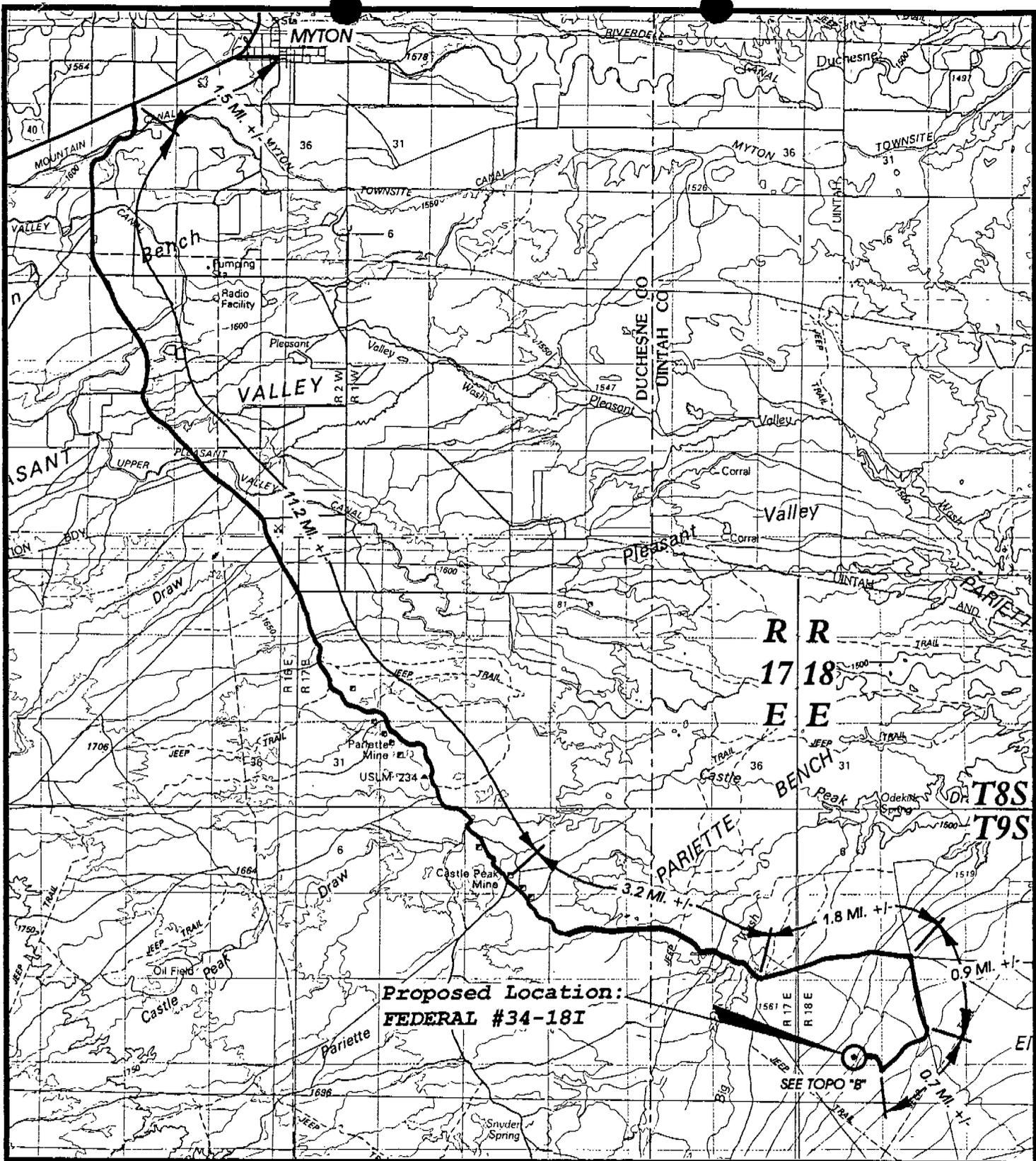
This statement is subject to the provisions of 18.U.S.C. 1001 for the filing of a false statement.

August 6, 1996  
Date:

  
\_\_\_\_\_  
Lisa L. Smith - PERMITCO INC.  
Authorized Agent for:  
Enserch Exploration, Inc.



Permitco Incorporated  
A Petroleum Permitting Company



Proposed Location:  
**FEDERAL #34-181**

SEE TOPO "B"

UELS

**TOPOGRAPHIC  
 MAP "A"**

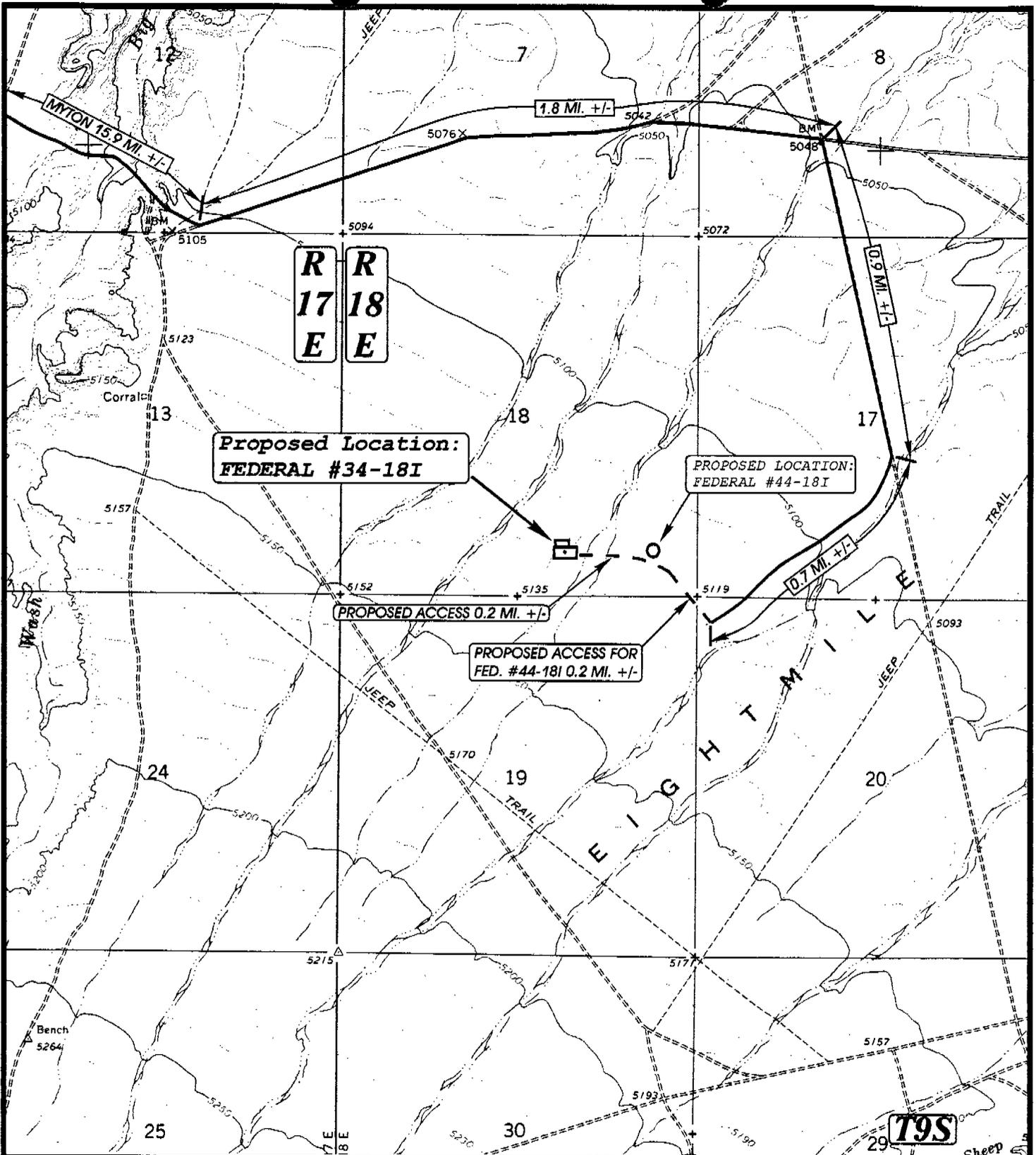
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UINTAH ENGINEERING & LAND SURVEYING  
 85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



**ENSERCH EXPLORATION, INC.**

**FEDERAL #34-181  
 SECTION 18, T9S, R18E, S.L.B.&M.  
 660' FSL 1980' FEL**



**UELS**  
 U  
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**TOPOGRAPHIC  
 MAP "B"**

DATE: 7-15-96  
 Drawn by: D.COX

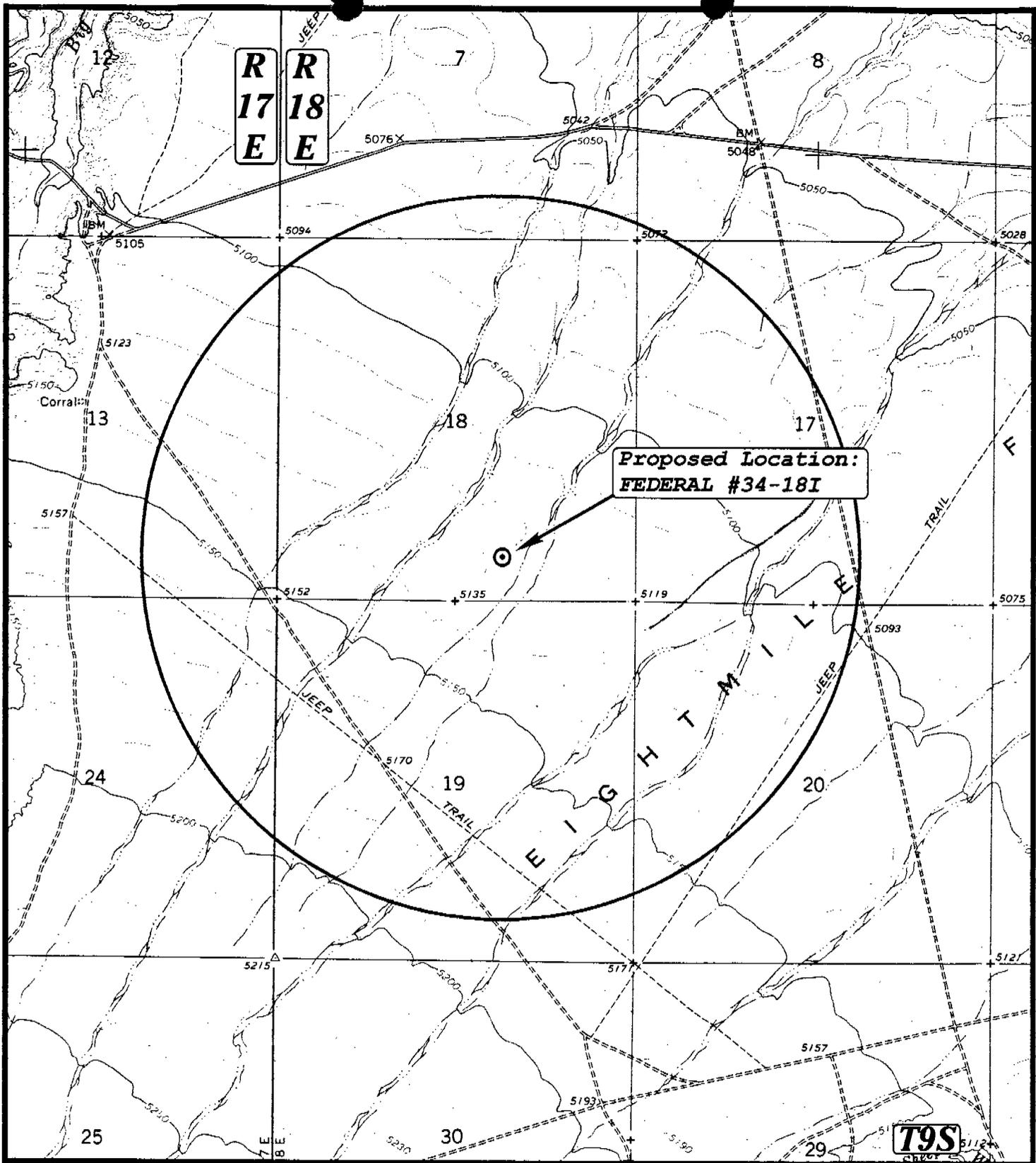
UTAH ENGINEERING & LAND SURVEYING  
 85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



SCALE: 1" = 2000'

ENSEARCH EXPLORATION, INC.

FEDERAL #34-18I  
 SECTION 18, T9S, R18E, S.L.B.&M.  
 660' FSL 1980' FEL



**Proposed Location:  
FEDERAL #34-181**

**LEGEND:**

**WELLS**

- Water Wells
- Abandoned Wells
- Temporarily Abandoned Wells
- Disposal Wells
- Drilling Wells
- Producing Wells
- Shut-in Wells

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SCALE: 1" = 2000

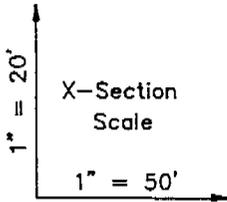
**ENSERCH EXPLORATION, INC.**

**FEDERAL #34-181  
SECTION 18, T9S, R18E, S.L.B.&M.  
TOPOGRAPHIC  
MAP "C"**

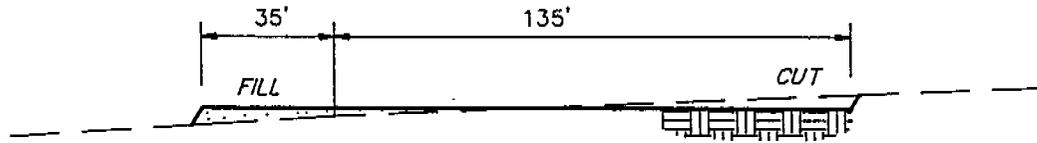
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ENSERCH EXPLORATION, INC.

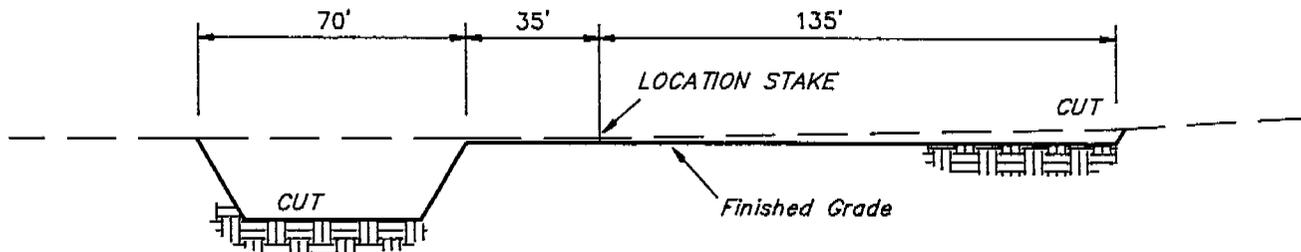
TYPICAL CROSS SECTIONS FOR  
 FEDERAL #34-18I  
 SECTION 18, T9S, R18E, S.L.B.&M.  
 660' FSL 1980' FEL



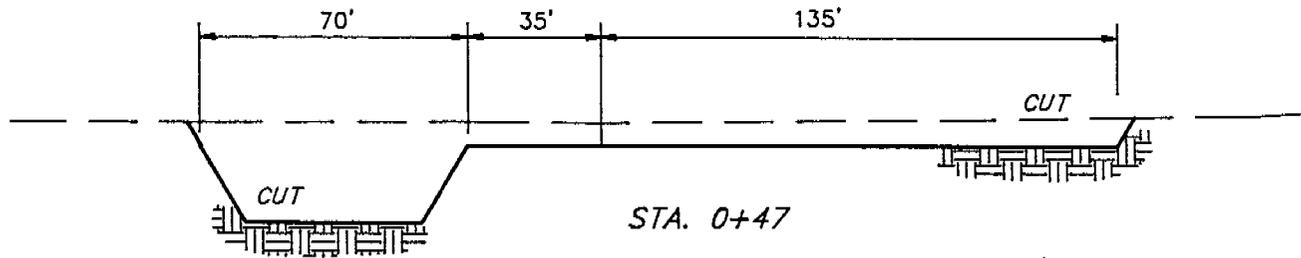
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STA. 3+50



STA. 1+65



STA. 0+47



STA. 0+00

NOTE:

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

APPROXIMATE YARDAGES

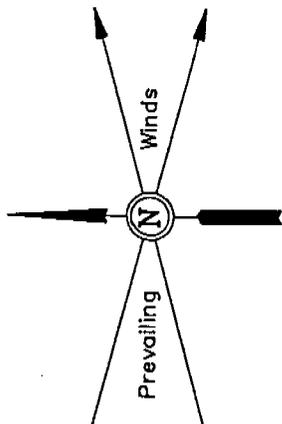
CUT	
(6") Topsoil Stripping	= 1,300 Cu. Yds.
Remaining Location	= 4,470 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 5,770 CU.YDS.</b>
<b>FILL</b>	<b>= 410 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 5,340 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,270 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 3,070 Cu. Yds.

ENSERCH EXPLORATION, INC.

LOCATION LAYOUT FOR

FEDERAL #34-181  
SECTION 18, T9S, R18E, S.L.B.&M.  
660' FSL 1980' FEL



SCALE: 1" = 50'  
DATE: 7-15-96  
Drawn By: C.B.T.  
Revised: 7-25-96 C.B.T.

**FLARE PIT**  
Min. 110' from  
rig substructure.

El. 22.9'  
C-1.4'

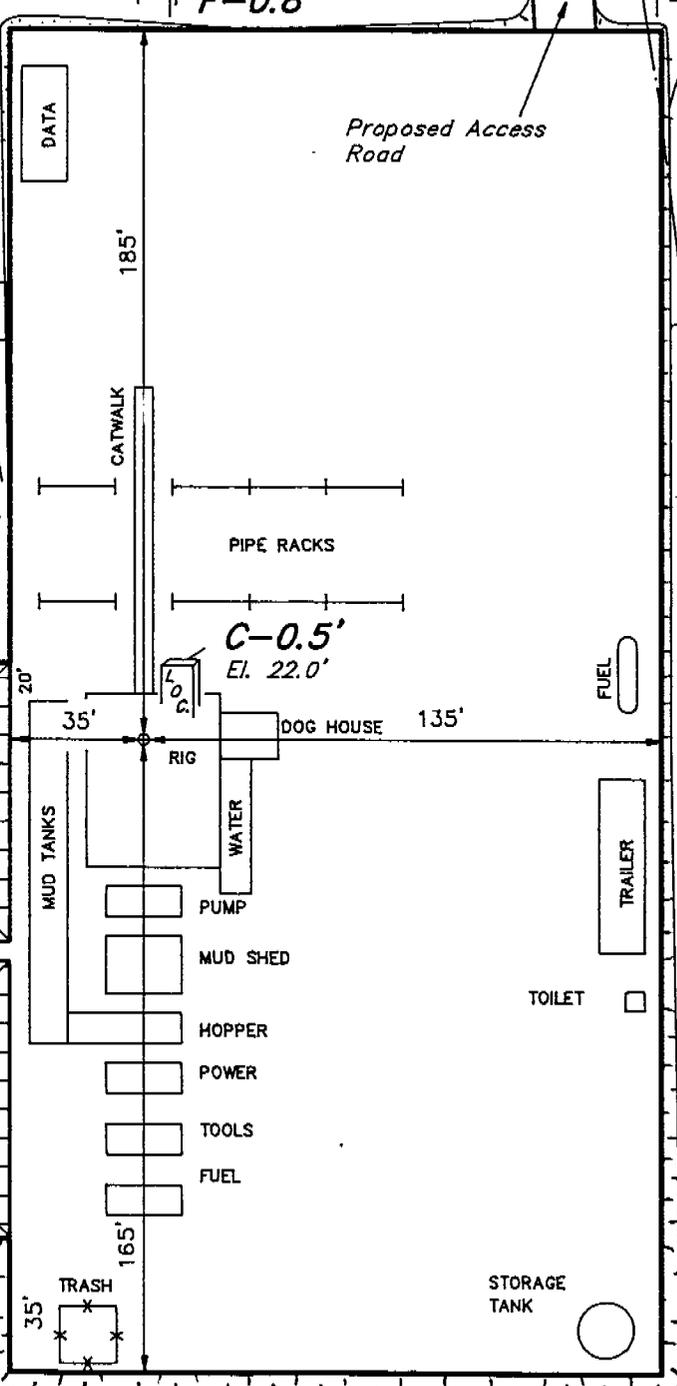
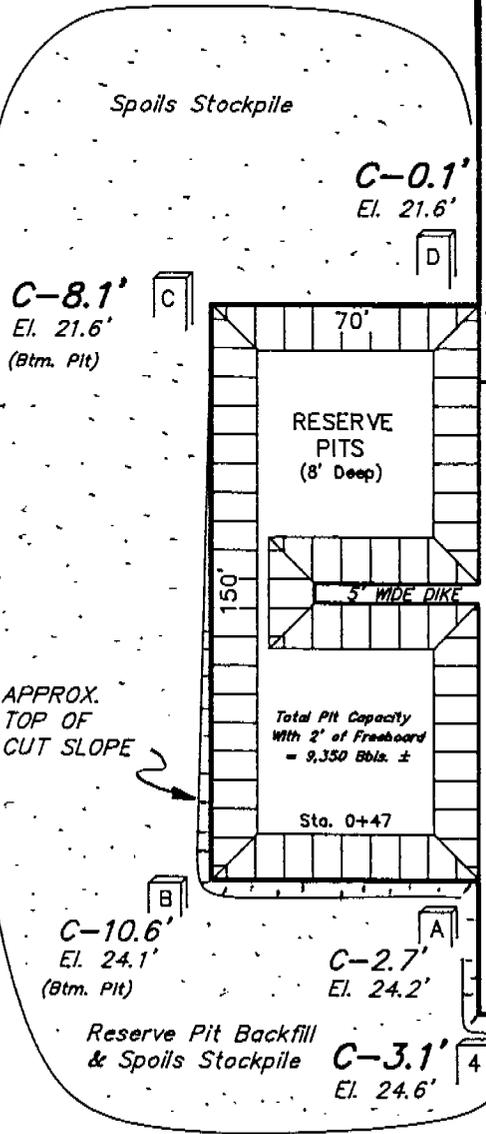
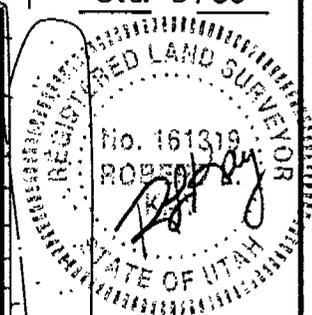
El. 19.7'  
F-1.8'

El. 20.7'  
F-0.8'

Sta. 3+50

APPROX.  
TOE OF  
FILL SLOPE

Proposed Access  
Road



Topsail Stockpile

Sta. 1+65

C-1.6'  
El. 23.1'

Sta. 0+00

El. 25.1'  
C-3.6'

C-3.1'  
El. 24.6'

Elev. Ungraded Ground at Location Stake = 5122.0'

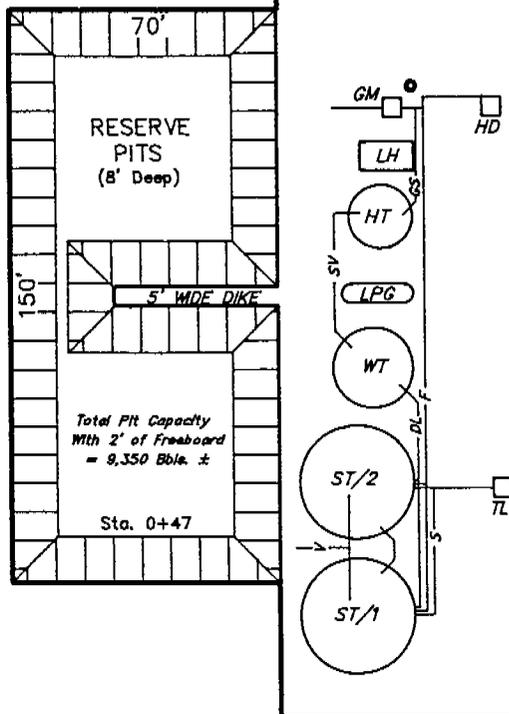
Elev. Graded Ground at Location Stake = 5121.5'

UINTAH ENGINEERING & LAND SURVEYING  
85 South 200 East Vernal, Utah (801) 789-1017

ENSERCH EXPLORATION, INC.  
TYPICAL PRODUCTION FACILITY LAYOUT

SCALE: 1" = 50'  
DATE: 7-30-96  
Drawn By: C.B.T.

Sta. 3+50



Sta. 1+65

Sta. 0+00

**There are no federal stipulations at this time.**



**Enserch Exploration, Inc. Federal #34-18I  
Class III Cultural Resource Inventory,  
Section 18, T.9S R.18E  
Uintah County, Utah**

Prepared by,  
Dulaney Barclay  
Metcalf Archaeological Consultants, Inc.  
Eagle, Colorado

Prepared for,  
Permitco  
13585 Jackson Dr.  
Denver, Colorado 80241

Utah Project #U-96-MM-0387(b)

July 1996

## INTRODUCTION

Metcalf Archaeological Consultants, Inc. (MAC), conducted a Class III cultural resource inventory for Permitco of the proposed Enserch Exploration, Inc. Federal #34-18I well location in Uintah County, Utah (Figure 1). The well pad is located in the SW¼ of the SE¼ of section 18, T.9S, R.18E off the Salt Lake Meridian (660' FSL, 1980' FEL) on Eightmile Flat west of the Green River and southeast of Pariette Bench. A ten acre block was inventoried around the proposed well location. The access road to the well pad is approximately 2100 feet long, beginning at an existing maintained oil field road that passes southeast of the pad location. The initial 900 feet of the access road also serves as the access to the adjacent proposed Enserch Federal #44-18I well pad and approximately 600 feet of the access is within the inventory block for that well pad. The inventory of that initial portion of the access road is covered by the investigation of the Enserch 44-18I well location (Barclay 1996). For the present investigation, a one hundred foot wide access corridor was inventoried beginning at the west edge of the inventory block for the Enserch Federal 44-18I and proceeds directly west 600 feet to the Enserch 34-18I well pad location. The total acreage inventoried for this project was roughly 11.4 with one isolated artifact being found within the inventory block.

This project is located entirely on federal lands administered by the Bureau of Land Management, Vernal District. The survey was conducted on July 17, 1996 by MAC archaeologist Dulaney Barclay. All field notes and maps are on file at the MAC office in Eagle, Colorado.

## STATEMENT OF OBJECTIVES

Following the mandated policies implementing the National Historic Preservation Act of 1966 (NHPA [Public Law 89-665]), as amended, this project was inventoried to locate any cultural resources within the potential area of effect. Any discovered cultural resources were to be evaluated for eligibility to the National Register of Historic Places (Register). To be eligible for the National Register, the resource must retain essential aspects of integrity and meet one or more of the Criteria for Eligibility (36 CFR §60.4). For archaeological resources, eligibility is typically recommended under Criterion d, on the basis of the information potential of surface artifacts and features, and intact sub-surface cultural deposits. Historical resources may be evaluated under any of the four Criteria on the basis of information potential or significant historic associations.

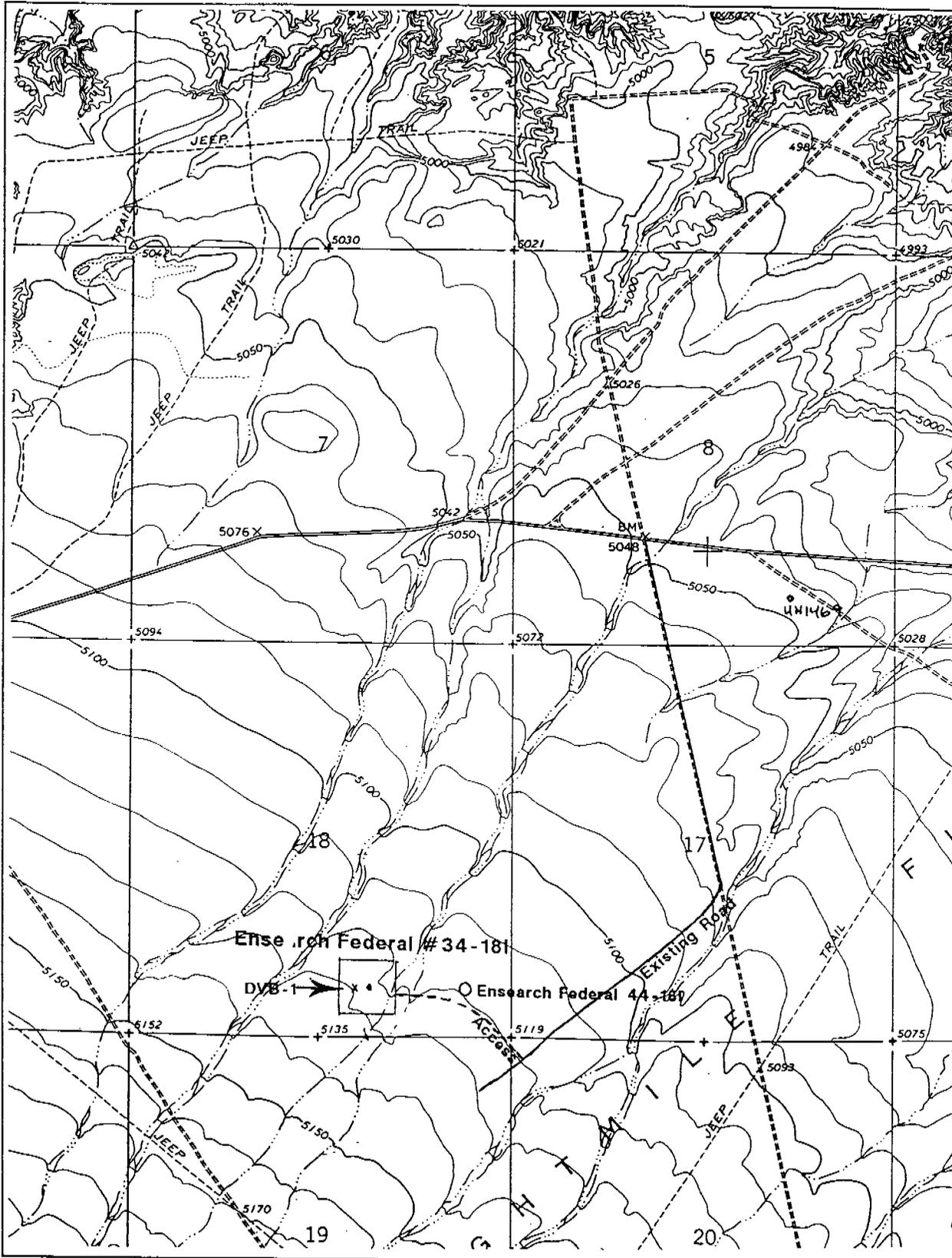


Figure 1 Ensearch Exploration, Inc. Federal #34-181, T.9S, R.18E, Pariette Draw SW, 1964 USGS 7.5' Quad.

## **ENVIRONMENT**

The project area is in an upland area west of the Green River within the Uinta Basin. The well pad is located on a very gently sloping (to the northeast), open flat surrounded by rugged terrain to the north, east and west consisting of gently sloping benches, shallow washes and draws, and isolated buttes. The flat is drained by numerous small intermittent drainages that flow northeast into Castle Peak Draw which in turn flows east into the Green River approximately ten miles to the east. Vegetation in the project area is sparse (15-20% cover) allowing for good surface visibility. It is composed of low shrubs, cactus and grasses. Shrubs include low sagebrush, rabbitbrush, shadscale, and thorny horsebrush. Surficial deposits consist of Quaternary aged alluvial deposits underlain by Tertiary aged bedrock of sandstones and clays (Hintze 1980). Soils in the project area are very thin and consist of a residual, light colored sand with abundant rock fragments and small chert pebbles, generally too small to be knappable. Isolated sheets of aeolian sand and sand shadow deposits are found in the general area, but were not observed in the project area. Consequently, there is little potential for cultural deposits.

## **FILE SEARCH**

A files search of the project area was conducted through the Division of State History in Salt Lake City on July 12, 1996 and at BLM, Vernal District Office in Vernal on July 16, 1996. The BLM files indicated block surveys of the NW¼ and SE¼ of section 18, T.9S, R.18E were conducted in 1978. No previously recorded sites were indicated on either files search. Due to the age of the previous inventories this project would need a Class III inventory conducted.

## **FIELD METHODS**

A ten acre block was inventoried around the centerstake. The block was inventoried by a series of parallel pedestrian transects spaced not more than 15 meters apart. The access road was inspected using zig-zag pedestrian transects, one on each side of the flagged centerline. The transects each covered 15 meters (50 feet) for a total inventory width of 100 feet. Special attention was paid to areas of enhanced subsurface visibility, such as eroded areas, rodent backdirt piles, road tracks, and animal trails. When cultural resources were encountered, the area was carefully inspected to define the boundaries and content of the resource. Sites are defined as five or more artifacts, a feature, a structure, or a building or any combination of these items. Isolated finds are defined as five or less artifacts that are not representative of patterned human behavior. Once the content, extent and type of resource has been determined, the appropriate forms are filled out. Isolated and diagnostic artifacts are drawn and sketch maps are made of sites. A black and white overview photograph is also taken of sites from two directions. Sites are marked with a datum consisting of a piece of white pvc pipe with a metal tag attached bearing the temporary site number.

## RESULTS AND RECOMMENDATIONS

One isolated find (DVB-1) was discovered during the block inventory around the proposed well pad. The isolated find consists of a early stage biface of gray and white chert. One side of the biface displays only initial flake removal with little evidence of any secondary thinning, and still possessing approximately 20% cortex on one end. Only a couple of flakes had been removed from the other side. The isolate is located outside the staked boundaries of the proposed pad. Isolated finds are by definition not eligible for inclusion on the National Register. No further work is recommended and cultural resource clearance is recommended for the Enserch Exploration, Inc. Federal #34-18I as staked.

## REFERENCES CITED

Barclay, Dulaney

- 1996 Enserch Exploration, Inc. Federal #44-18I Class III Cultural Resource Inventory, Section 18, T.9S R.18E, Uintah County, Utah. Ms on file at the Bureau of Land Management, Vernal District, Vernal.

Hintze, Lehi

- 1980 *Geologic Map of Utah*. Utah Geological and Mineral Survey, Salt Lake City. UT.

**Appendix A  
Site Forms  
(Limited Distribution)**

**A Wastewater Permit Application will be filed with the Uintah Basin District Health Department in Vernal once the drilling contractor has been determined.**



# APPLICATION FOR PERMANENT CHANGE OF WATER

## STATE OF UTAH

RECEIVED

APR 17 1987  
WATER RIGHTS  
SALT LAKE

Rec. by D.L. ...  
Fee Paid \$ 15.00  
Receipt # 22150  
Microfilm \_\_\_\_\_  
Roll # \_\_\_\_\_

For the purpose of obtaining permission to make a permanent change of water in the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

\*WATER USER CLAIM NO. 43-9974 \*APPLICATION NO. 0-14289

Changes are proposed in (check those applicable)

\_\_\_\_\_ point of diversion. \_\_\_\_\_ point of return.  
 place of use.  nature of use.

### 1. OWNER INFORMATION

Name: Owen Dale Anderson \*Interest: \_\_\_\_\_ %  
Address: Po Box 1169 Vernal UT 84078

2. \*PRIORITY OF CHANGE: \_\_\_\_\_ \*FILING DATE: \_\_\_\_\_

\*Is this change amendatory? (Yes/No): \_\_\_\_\_

3. RIGHT EVIDENCED BY: 43-3525

Prior Approved Change Applications for this right: 83-43-21 84-43-73 614099

\*\*\*\*\* HERETOFORE \*\*\*\*\*

4. QUANTITY OF WATER: 0.5 cfs and/or \_\_\_\_\_ ac-ft.

5. SOURCE: U.G.W (well)

6. COUNTY: Duchesne

7. POINT(S) OF DIVERSION: South 1167 ft East 340 ft from N 1/4 Corner Section 27 T1S, R2W, US&M

Description of Diverting Works: \_\_\_\_\_

### 8. POINT(S) OF REDIVERSION

The water will be rediverted from \_\_\_\_\_ at a point: \_\_\_\_\_

Description of Diverting Works: \_\_\_\_\_

### 9. POINT(S) OF RETURN

The amount of water consumed is \_\_\_\_\_ cfs or \_\_\_\_\_ ac-ft.

The amount of water returned is \_\_\_\_\_ cfs or \_\_\_\_\_ ac-ft.

The water will be returned to the natural stream/source at a point(s): \_\_\_\_\_

\*These items are to be completed by Division of Water Rights.

Permanent Change

4 acre shut

10. NATURE AND PERIOD OF USE

Stockwatering: From Jan 1 to Dec 31  
 Domestic: From \_\_\_\_\_ to \_\_\_\_\_  
 Municipal: From \_\_\_\_\_ to \_\_\_\_\_  
 Mining: From \_\_\_\_\_ to \_\_\_\_\_  
 Power: From \_\_\_\_\_ to \_\_\_\_\_  
 Other: From Jan 1 to Dec 31  
 Irrigation: From April 1 to Oct 31

11. PURPOSE AND EXTENT OF USE

Stockwatering (number and kind): 250 Livestock Units  
 Domestic: \_\_\_\_\_ Families and/or \_\_\_\_\_ Persons.  
 Municipal (name): \_\_\_\_\_  
 Mining: \_\_\_\_\_ Mining District in the \_\_\_\_\_ Mine.  
 Ores mined: \_\_\_\_\_  
 Power: Plant name: \_\_\_\_\_ Type: \_\_\_\_\_ Capacity: \_\_\_\_\_  
 Other (describe): drilling & completion of oil field locations Fish Culture  
 Irrigation: 55.7 acres. Sole supply of \_\_\_\_\_ acres

12. PLACE OF USE

Legal description of areas of use other than irrigation by 40 acre tract: n/a

13. STORAGE

Reservoir Name: Unnamed Storage Period: from 11-1 to 3-31  
 Capacity: 4.0 ac-ft. Inundated Area: \_\_\_\_\_ acres  
 Height of dam: \_\_\_\_\_ feet  
 Legal description of inundated area by 40 tract: NW NE Sec 27, T15 R2W 456 & 11

\*\*\*\*\* THE FOLLOWING CHANGES ARE PROPOSED \*\*\*\*\*

14. QUANTITY OF WATER: \_\_\_\_\_ cfs and/or 20.0 ac-ft  
 15. SOURCE: UGW Remaining Water: same  
 16. COUNTY: Duchesne  
 17. POINT(S) OF DIVERSION: same

Description of Diverting Works: \_\_\_\_\_

18. POINT(S) OF REDIVERSION

The water will be rediverted from \_\_\_\_\_ at a point: \_\_\_\_\_

Description of Diverting Works: \_\_\_\_\_

19. POINT(S) OF RETURN

The amount of water consumed is \_\_\_\_\_ cfs or \_\_\_\_\_ ac-ft

The amount of water returned is \_\_\_\_\_ cfs or \_\_\_\_\_ ac-ft

The water will be returned to the natural stream/source at a point(s): \_\_\_\_\_

20. NATURE AND PERIOD OF USE

Stockwatering: From \_\_\_\_\_ to \_\_\_\_\_

Domestic: From \_\_\_\_\_ to \_\_\_\_\_

Municipal: From \_\_\_\_\_ to \_\_\_\_\_

Mining: From \_\_\_\_\_ to \_\_\_\_\_

Power: From \_\_\_\_\_ to \_\_\_\_\_

Other: From Jan 1 to Dec 31

Irrigation: From \_\_\_\_\_ to \_\_\_\_\_

21. PURPOSE AND EXTENT OF USE

Stockwatering (number and kind): \_\_\_\_\_

Domestic: \_\_\_\_\_ Families and/or \_\_\_\_\_ Persons

Municipal (name): \_\_\_\_\_

Mining: \_\_\_\_\_ Mining District in the \_\_\_\_\_ Mine

Ores mined: \_\_\_\_\_

Power: Plant name: \_\_\_\_\_ Type: \_\_\_\_\_ Capacity: \_\_\_\_\_

Other (describe): drilling and completion of oil wells

Irrigation: \_\_\_\_\_ acres. Sole supply of \_\_\_\_\_

22. PLACE OF USE

Legal description of areas of use by 40 acre tract: \_\_\_\_\_

Other: hauled to locations by water trucks as needed

23. STORAGE

Reservoir Name: \_\_\_\_\_ Storage Period: from \_\_\_\_\_ to \_\_\_\_\_

Capacity: \_\_\_\_\_ ac-ft. Inundated Area: \_\_\_\_\_ acres

Height of dam: \_\_\_\_\_ feet

Legal description of inundated area by 40 tract: \_\_\_\_\_

24. EXPLANATORY

The following is set forth to define more clearly the full purpose of this application, (Include any supplemental water rights used for the same purpose. (Use additional pages of same size if necessary): \_\_\_\_\_

Change is for oilfield drilling and exploration.

Approximately 4 acre ~~ft~~ will be taken from

irrigation purposes and used for oilfield purposes  
Acres to be irrigated will change from ~~55.7~~ to ~~50~~ acres  
because of the change in use. ~~3.7~~ ~~48.7~~

\*\*\*\*\*  
 The undersigned hereby acknowledges that even though he/she/they may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained herein, at the time of filing, rests with the applicant(s).

*Devin Dale Anderson*  
 \_\_\_\_\_  
 Signature of Applicant(s)

IN THE OFFICE OF THE STATE ENGINEER OF THE STATE OF UTAH  
REQUEST FOR REINSTATEMENT AND EXTENSION OF TIME  
(Before Fourteen Years)

DIVISION OF WATER RIGHTS  
VERNAL, UTAH

WATER RIGHT NO. **43-9974 (a14289)** APPLICANT: **Owen Dale Anderson**  
STATE OF UTAH Robert Williams  
COUNTY OF **Duchesne** C/O Dalbo Inc. P.O. Box 1188  
Vernal, UT 84078

Cindy Young, being first duly sworn that he or she is the (agent of the) owner of the above number application; that the information given is true and correct to the best of his or her knowledge.

Describe briefly the type, extent, and cost of construction completed to date, and the estimated cost of any remaining construction to complete the project and to submit PROOF of BENEFICIAL USE. Give reasons why the work could not be completed and water put to beneficial use within the time allowed.

Robert Williams recently purchased the property from Owen Dale Anderson and

was not notified regarding the proof due notices until after June 30, 1995.

Therefore, we are requesting a reinstatement of the water right and an extension of time to clear the title work and file proof.

Pursuant to Section 73-3-12, Utah Code Annotated 1953 (as amended), request is made for REINSTATEMENT and EXTENSION OF TIME for filing proof from

June 30, 1995 to June 30, 1998.

Cindy Young  
APPLICANT (if a corporation, give title of officer signing)

Subscribed and sworn to before me this 11th day of July, 1995.

Bessie M. White  
NOTARY PUBLIC

FOR OFFICE USE ONLY

PROOF DUE DATE: **June 30, 1995** 14 YEAR PERIOD ENDS: **October 28, 2002**

\$25 FEE RECD. \_\_\_\_\_ BY \_\_\_\_\_ COMPUTER \_\_\_\_\_

REMARKS \_\_\_\_\_

RECOMMENDED DISPOSITION

PLEASE RETURN TO: DIVISION OF WATER RIGHTS-VERNAL OFFICE-SEAL & County Bldg. #152 East 100 North-Vernal, Utah 84078-(801)781-5327.

# APPLICATION FOR TEMPORARY CHANGE OF WATER

## STATE OF UTAH

Rec. by \_\_\_\_\_  
 Fee Paid \$ \_\_\_\_\_  
 Receipt # \_\_\_\_\_  
 Microfilmed \_\_\_\_\_  
 Roll # \_\_\_\_\_

For the purpose of obtaining permission to make a temporary change of water in the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of Section 73-3-3 Utah Code Annotated 1953, as amended.

CHANGE APPLICATION NUMBER: t20196

WATER RIGHT NUMBER: 47 - 1437

\*\*\*\*\*  
 This Change Application proposes to change the POINT(S) OF DIVERSION, PLACE OF USE, and NATURE OF USE.  
 \*\*\*\*\*

### 1. OWNERSHIP INFORMATION.

- A. NAME: Keith Hicken  
c/o Dalbo Inc.  
ADDRESS: Route 3, Myton, UT 84052
- B. PRIORITY OF CHANGE: July 15, 1996
- C. EVIDENCED BY:  
A26762

FILING DATE: July 15, 1996

-----  
 \* DESCRIPTION OF CURRENT WATER RIGHT: \*  
 -----

### 2. SOURCE INFORMATION.

- A. QUANTITY OF WATER: 1.85 cfs
- B. SOURCE: Gorman Draw COUNTY: Duchesne
- C. POINT OF DIVERSION -- SURFACE:  
(1) N 475 feet W 40 feet from SW corner, Section 12, T 4S, R 2W, UEBM

### 3. STORAGE. Water is diverted for storage into:

- (1) Gorman Draw reservoir, from Jan 1 to Dec 31.  
CAPACITY: 80,000 ac-ft.  
Area inundated includes all or part of the following legal subdivisions:

BASE TOWN RANG SEC	NORTH-WESTX				NORTH-EASTX				SOUTH-WESTX				SOUTH-EASTX			
	NW	NE	SW	SE	NW	NE	SW	SE	NW	NE	SW	SE	NW	NE	SW	SE
SL 48 2W 12				***				***			X	X	***			X
13	X	X		***	X			***					***			

Temporary Change

CHANGE APPLICATION NUMBER: 220196 for Water Right: 47 - 1437 continued\*\*\*\*\* Page: 3

. PLACE OF USE. Changed as Follows:

## 11. SIGNATURE OF APPLICANT(S).

The undersigned hereby acknowledges that even though he/she/they may have been assisted in the preparation of the above-numbered application, through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained herein, at the time of filing, rests with the applicant(s).

*Keith Hacker by Ken Pico*  
Signature of Applicant(s)

4. WATER USE INFORMATION.

The Water Right represented by this change application is SUPPLEMENTAL to other Water Rights.

IRRIGATION: from Apr 15 to Oct 15. IRRIGATING: 82.7000 acres.  
SOLE SUPPLY: 50.0000 acres

5. PLACE OF USE. (Which includes all or part of the following legal subdivisions:)

EASE TOWN RANG SEC	NORTH-WEST¼				NORTH-EAST¼				SOUTH-WEST¼				SOUTH-EAST¼			
	NW	NE	SW	SE	NW	NE	SW	SE	NW	NE	SW	SE	NW	NE	SW	SE
SL 4S 2W 12				***				***				***		X	X	X
13				***		X		***				***	X			

6. EXPLANATORY.

FLOW: Claims 1350 and 1437 limited to a combined flow of 1.85 c.f.s.

THE FOLLOWING CHANGES ARE PROPOSED:

7. SOURCE INFORMATION.

- A. QUANTITY OF WATER: 4.0 acre-feet                      REMAINING WATER: Same as HERETOFORE
- B. SOURCE:                      Unnamed Pond and ditch                      COUNTY: Duchesne
- C. POINTS OF DIVERSION -- SURFACE: Changed as Follows:
  - (1) N 475 feet W 40 feet from SW corner, Section 12, T 4S, R 2W, USBM  
DIVERT WORKS: Pond
  - (2) N 2000 feet W 475 feet from SE corner, Section 12, T 4S, R 2W, USBM  
DIVERT WORKS: ditch below pond
- D. COMMON DESCRIPTION: 4 miles south of Myton

8. STORAGE. Same as HERETOFORE

9. WATER USE INFORMATION. Changed as Follows:

OIL EXPLORATION from 04/18/96 to 04/17/97. Drilling and completion of wells in the Monument Buttes & South Myton Areas.

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/08/96

API NO. ASSIGNED: 43-047-32780

WELL NAME: FEDERAL 34-18I  
OPERATOR: ENSEARCH EXPLORATION (N4940)

PROPOSED LOCATION:  
SWSE 18 - T09S - R18E  
SURFACE: 0660-FSL-1980-FEL  
BOTTOM: 0660-FSL-1980-FEL  
UINTAH COUNTY  
EIGHT MILE FLAT NORTH FIELD (590)

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

LEASE TYPE: FED  
LEASE NUMBER: U - 39714

PROPOSED PRODUCING FORMATION: GRRV

<p>RECEIVED AND/OR REVIEWED:</p> <p><input checked="" type="checkbox"/> Plat</p> <p><input checked="" type="checkbox"/> Bond: Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> (Number <u>MI 0680</u>)</p> <p><input checked="" type="checkbox"/> Potash (Y/N)</p> <p><input checked="" type="checkbox"/> Oil shale (Y/N)</p> <p><input type="checkbox"/> Water permit (Number <u>47-1437</u>)</p> <p><input checked="" type="checkbox"/> RDCC Review (Y/N) (Date: _____)</p>	<p>LOCATION AND SITING:</p> <p><input type="checkbox"/> R649-2-3. Unit: _____</p> <p><input checked="" type="checkbox"/> R649-3-2. General.</p> <p><input type="checkbox"/> R649-3-3. Exception.</p> <p><input type="checkbox"/> Drilling Unit. Board Cause no: _____ Date: _____</p>
--	---

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

STIPULATIONS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: ENSERCH EXPLORATION	Well Name: FEDERAL 34-18I
Project ID: 43-047-32780	Location: SEC. 18 - T09S - 18E

Design Parameters:

Mud weight ( 8.80 ppg) : 0.457 psi/ft  
 Shut in surface pressure : 2244 psi  
 Internal gradient (burst) : 0.064 psi/ft  
 Annular gradient (burst) : 0.000 psi/ft  
 Tensile load is determined using air weight  
 Service rating is "Sweet"

Design Factors:

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

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	5,700	5.500	15.50	J-55	LT&C	5,700	4.825
	Collapse Load Strgth (psi)	Collapse Strgth S.F. (psi)	Burst Load Strgth (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth (kips)	Tension S.F.
1	2606	4040 1.550	2606	4810	1.85	88.35 217	2.46 J

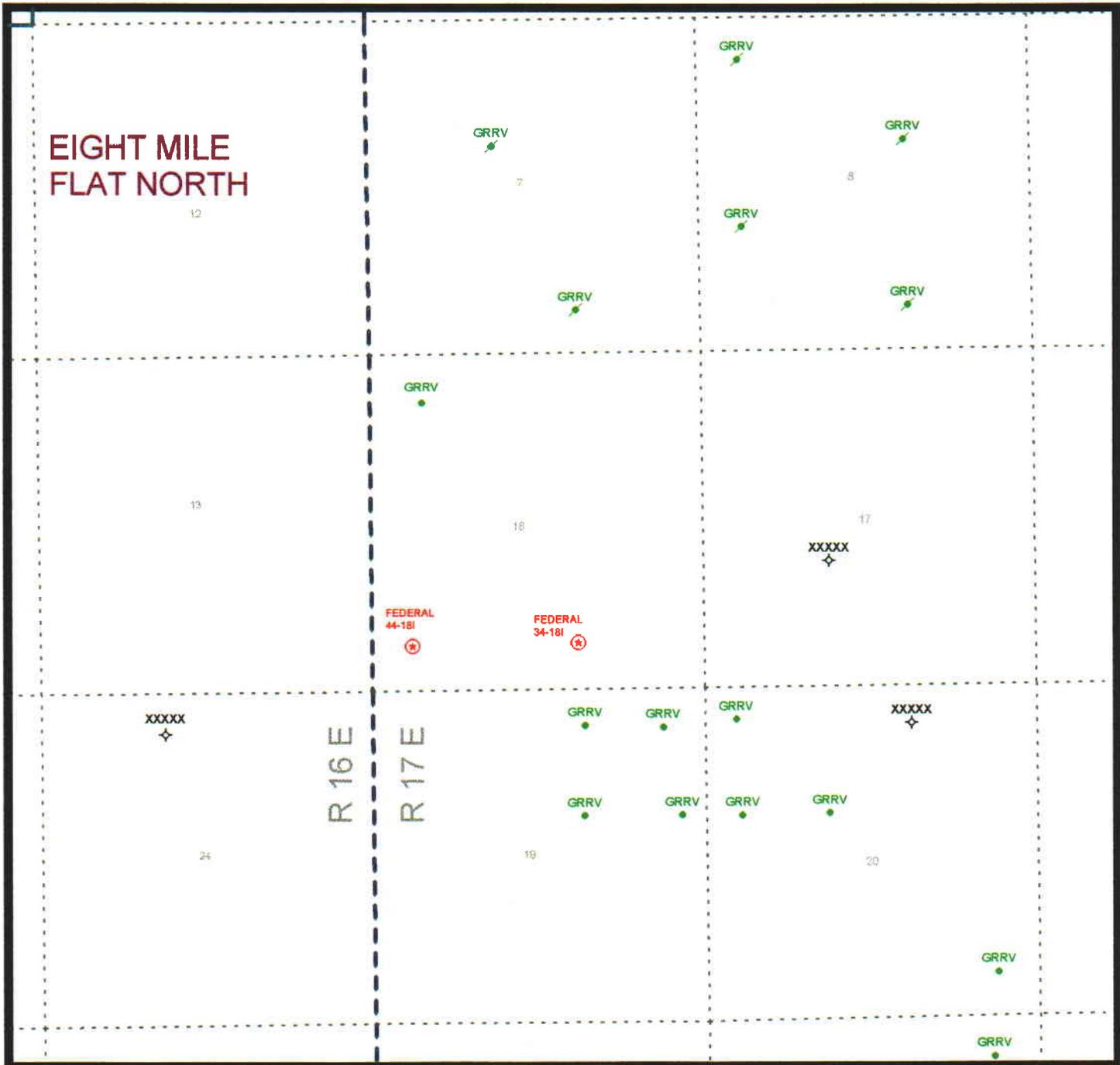
Prepared by : MATTHEWS, Salt Lake City, Utah  
 Date : 08-29-1996  
 Remarks :

GREEN RIVER

Minimum segment length for the 5,700 foot well is 1,500 feet.  
 SICP is based on the ideal gas law, a gas gravity of 0.75, and a mean gas temperature of 114°F (Surface 74°F , BHT 154°F & temp. gradient 1.400°/100 ft.)  
 String type: Production  
 The mud gradient and bottom hole pressures (for burst) are 0.457 psi/ft and 2,606 psi, respectively.

**NOTE:** The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.  
 Costs for this design are based on a 1987 pricing model. (Version 1.07)

OPERATOR: ENSEARCH EXPL  
FIELD: EIGHT MILE FLAT NORTH  
SECTION: 18, T9S, R18E  
COUNTY: UINTAH  
SPACING: UAC R649-3-2



PREPARED:  
DATE: 8-AUG-96



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)

August 29, 1996

Enserch Exploration, Inc.  
c/o Permitco, Inc.  
13585 Jackson Drive  
Denver, Colorado 80241

Re: Federal 34-18I Well, 660' FSL, 1980' FEL, SW SE, Sec. 18,  
T. 9 S., R. 18 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 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 43-047-32780.

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: Enserch Exploration, Inc.  
Well Name & Number: Federal 34-18I  
API Number: 43-047-32780  
Lease: U-39714  
Location: SW SE Sec. 18 T. 9 S. R. 18 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.

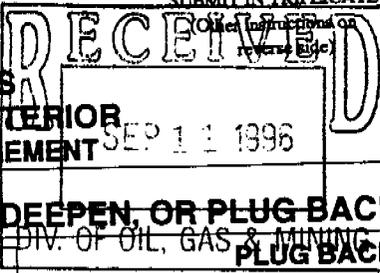
Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews at (801)538-5334 or Mike Hebertson at (801)538-5333.

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.

DOGMA

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

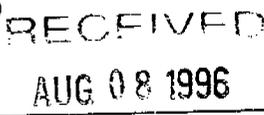
1a. TYPE OF WORK DRILL  DEEPEN  PLUG BACK

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

2. NAME OF OPERATOR 214/987-6430 4849 Greenville Ave., Suite 1200  
Enserch Exploration, Inc. Dallas, Texas 75206

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. \*)  
At Surface 660' FSL and 1980' FEL  
At proposed Prod. Zone SW SE Sec. 18, T9S - R18E



5. LEASE DESIGNATION AND SERIAL NO. U-39714  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A  
7. UNIT AGREEMENT NAME N/A  
8. FARM OR LEASE NAME Federal  
9. WELL NO. #34-181  
10. FIELD AND POOL OR WILDCAT Eight Mile Flat  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 18, T9S - R18E  
12. COUNTY OR PARISH Uintah  
13. STATE Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
19 miles southeast of Myton, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 660'  
16. NO. OF ACRES IN LEASE 1717.32  
17. NO. OF ACRES ASSIGNED TO THIS WELL 40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. Approx. 1300'  
19. PROPOSED DEPTH 5700'  
20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5122' GR  
22. APPROX. DATE WORK WILL START\* October 13, 1996

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	400'	270 cubic feet Class "G"
7-7/8"	5-1/2"	17#	5700'	1900 cubic feet Light & Class "G".

Enserch Exploration, Inc. proposes to drill a well to 5700' to test the Douglas Creek D & F Markers. 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 Enserch Exploration, Inc. is considered to be the Operator of the above mentioned well. Enserch Exploration, Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by BLM Nationwide Bond No. MT-0680 (203826). The principal is Enserch Exploration, Inc. via surety consent as provided for in 43 CFR 3104.2.

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

24. SIGNED [Signature] CONSULTANT FOR: Enserch Exploration, Inc. TITLE DATE 08/06/96

PERMIT NO. **NOTICE OF APPROVAL** APPROVAL DATE  
APPROVED BY [Signature] ACTING Assistant Field Manager DATE AUG 29 1996  
CONDITIONS OF APPROVAL, IF ANY: TITLE Mineral Resources

cc: Utah Division of Oil, Gas & Mining

\*See Instructions On Reverse Side

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

44090-100-174

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Enserch Exploration, Inc.

Well Name & Number: Federal 34-18I

API Number: 43-047-32780

Lease Number: U-39714

Location: SWSE Sec. 18 T. 9 S R. 18E

**NOTIFICATION REQUIREMENTS**

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

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

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

### A. DRILLING PROGRAM

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

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

#### 2. Pressure Control Equipment

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

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

#### 3. Casing Program and Auxiliary Equipment

As a minimum, the usable water and oil shale resources shall be isolated by having a cement top for the production casing at least 200 ft. above the base of the Usable Water Zone identified at **± 687 ft.** . If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

#### 4. Mud Program and Circulating Medium

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

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

5. Coring, Logging and Testing Program

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

A cement bond log (CBL) will be run from the production casing shoe to the  $\pm$  487 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

6. Notifications of Operations

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

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

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

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

7. Other Information

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

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

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated after installation prior to delivery and quarterly thereafter unless prior approval is obtained. 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.

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).

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

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**

-No surface disturbing activities, construction, or drilling operations, including the initial completion activities, are to occur on the well, access road, or location from March 15 through August 15. This restriction is to protect Mountain Plovers and Burrowing Owls located in the surrounding area. The restriction does not apply to maintenance and operation of existing wells and facilities. Waivers, exceptions, or modifications to this Condition of Approval may be specifically approved in writing by the authorized officer of the Bureau of Land Management if either the resource values change or the lessee/operator demonstrates that adverse impacts can be mitigated.

-The well pad and the access road must be constructed in such a way as to limit the number of prairie dog burrows that would be impacted. In order to accomplish this, a BLM representative should be present when dig work begins to guide the contractor around as many prairie dog burrows as possible.

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: ENSERCH

Well Name: FEDERAL 34-18I

Api No. 43-047-32780

Section 18 Township 9S Range 18E County UINTAH

Drilling Contractor CAZA

Rig # 56

SPUDDED:

Date 1/27/97

Time \_\_\_\_\_

How DRY HOLE

Drilling will commence \_\_\_\_\_

Reported by DONNIE BROWN

Telephone # \_\_\_\_\_

Date: 1/28/97 Signed: FRM

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator

Enserch Exploration, Inc.

3. Address and Telephone No.

4849 Greenville Ave., Ste. 1200 - Dallas, Tx. 75206 214/987-6430

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

660' FSL & 1980' FEL (SW-SE)  
Sec 18, T9S, R18E

5. Lease Designation and Serial No.

U-39714

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Federal 34-18I

9. API Well No.

43-047-32780

10. Field and Pool, or Exploratory Area

Pleasant Valley

11. County or Parish, State

Uintah County, Utah

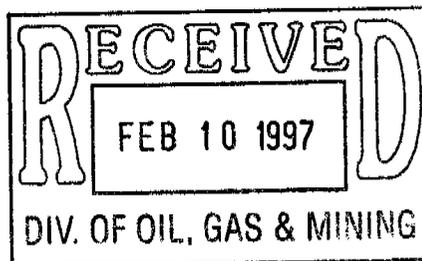
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input checked="" 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

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

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

Casing design plan originally called for running 5-1/2" 17# to 5700'. We now plan to run 5-1/2" 15.50# casing to 5700'. The 15.50# casing meets the requirements of OOGO #2. New design factors are: Collapse 4040, Burst 4810, Joint Strength 217,000, Body Yield 248,000.



CONFIDENTIAL

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

Signed

*Dane Hendley*

Title Sr. Drlg. Engineer

Date 1-30-97

(This space for Federal or State office use)

Approved by  
Conditions of approval, if any:

Title

Date

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

\*See Instruction on Reverse Side

**OPERATOR CHANGE WORKSHEET**

Routing	
1-DEC ✓	6-DEC ✓
2-GLH ✓	7-KAS ✓
3-DTS ✓	8-ST ✓
4-VID ✓	9-FILE ✓
5-JRB ✓	

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

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

The operator of the well(s) listed below has changed, effective: 2-5-98 (BLM APRVL)

TO: (new operator)	<u>EEX CORPORATION</u>	FROM: (old operator)	<u>ENSERCH EXPLORATION INC</u>
(address)	<u>4849 GREENVILLE AVE #1200</u>	(address)	<u>4849 GREENVILLE AVE #1200</u>
	<u>DALLAS TX 75206-4145</u>		<u>DALLAS TX 75206-4145</u>
	Phone: <u>(214)987-7859</u>		Phone: <u>(214)987-7859</u>
	Account no. <u>N3375 (2-10-98)</u>		Account no. <u>N4940</u>

WELL(S) attach additional page if needed:

Name: <u>FEDERAL 34-181/DRL</u>	API: <u>43-047-32780</u>	Entity: <u>12296</u>	S <u>18</u>	T <u>9S</u>	R <u>18E</u>	Lease: <u>U39714</u>
Name: <u>FEDERAL 44-181/DRL</u>	API: <u>43-047-32776</u>	Entity: <u>12297</u>	S <u>18</u>	T <u>9S</u>	R <u>18E</u>	Lease: <u>U39714</u>
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

**OPERATOR CHANGE DOCUMENTATION**

1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). \* BLM aprvl. 2-5-98. (Rec'd 2-11-98)
2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). \* BLM aprvl. 2-5-98. (Rec'd 2-11-98)
3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) \_\_\_\_ If yes, show company file number: #Co199807. (c.f. 4-22-97)
4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (2-10-98)
6. **Cardex** file has been updated for each well listed above. (2-10-98)
7. Well **file labels** have been updated for each well listed above. (2-10-98)
8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (2-10-98)
9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

**ENTITY REVIEW**

- LC* 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) \_\_\_\_ If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- LC* 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

**BOND VERIFICATION - (FEE WELLS ONLY)**

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

**LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY**

1. Copies of documents have been sent on \_\_\_\_\_ to \_\_\_\_\_ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated \_\_\_\_\_ 19 \_\_, of their responsibility to notify all interest owners of this change.

**FILMING**

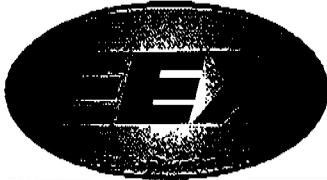
- LC* 1. All attachments to this form have been microfilmed. Today's date: *18 Sept 2000*.

**FILING**

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

**COMMENTS**

*980210 BLM/SL Aprv. 2-5-98; last 2 remaining wells for Enserch.*



EEX Corporation • 4849 Greenville Avenue, Suite 1200 • Dallas, Texas 75206 • Phone: 214-369-7893

### ENSERCH EXPLORATION, INC

has changed its name to:

### EEX CORPORATION

Post-It™ brand fax transmittal memo 7671		# of pages ▶ 1
To <i>LISHA CORDOVA</i>	From <i>JOHN BENICE</i>	
Co.	Co.	
Dept.	Phone #	
Fax # <i>801/359-3940</i>	Fax #	

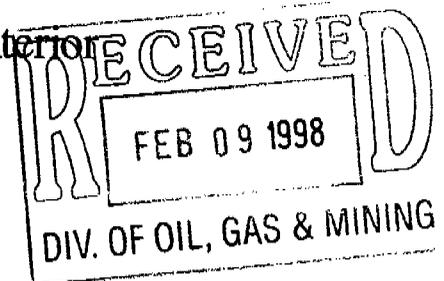




United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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



In Reply Refer To:  
3100  
U-11385  
(UT-932)

FEB 5 1998

NOTICE

EEX Corporation	:	Oil and Gas
4849 Greenville Avenue, Suite 1200	:	U-11385 et al
Dallas, TX 75206	:	

Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of Enserch Exploration, Inc. (Enserch) to EEX Corporation 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. The exhibit was compiled from your list of leases, a list of leases obtained from our Automated Land and Mineral Record System (ALMRS), and a list of leases showing Enserch as lease well operator. We have not abstracted the lease files to determine if the entity affected by the name change holds an interest in the leases identified nor have we attempted to verify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interest. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

The following lease identified by you is closed on the records of this office for cessation of production: U-55626.

Due to the name change, the name of the principal on the bond is required to be changed from Enserch Exploration, Inc. to EEX Corporation on Bond No. 203866 (BLM Bond No. MT0680). This may be accomplished by submitting a consent of surety or a bond rider to the Montana State Office.

**ROBERT LOPEZ**

Robert Lopez  
Group Leader,  
Minerals Adjudication Group

Enclosure  
Exhibit (1p)

cc: Vernal Field Office  
Moab District Office  
MMS, Reference Data Branch, MS 3130, P.O. Box 5860, Denver, CO 80217  
State of Utah, DOGM, Attn: Lisha Cordova (Ste. 1210), P.O. Box 145801, SLC, Utah 84114-5801

Exhibit of Affected Leases

U-11385  
U-12942  
U-13905  
U-14236  
U-16172  
U-16544

U-19267  
U-39714  
U-40751  
U-47171  
U-49092  
U-52757

U-52765  
UTU-65472  
UTU-65949  
UTU-66004  
UTU-68624  
UTU-68625  
UTU-69482



May 15, 2000

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

Attn: Mr. Ed Forsman

Re: **Federal 34-181**  
**SWSE Sec. 18, T9S, R18E**  
**Duchesne County, Utah**

Dear Mr. Forsman:

Enclosed please find a subsequent report (Form 3160-5) for the plugging of the above captioned well. Also enclosed is a Change of Operator form.

If you should have any questions or require any additional information, please contact me at (303) 893-0102.

Sincerely,

A. L. Shipman  
Operations Secretary

Enclosures

cc: State of Utah, Division of Oil, Gas and Mining  
Attn: Carol Daneils  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Well File - Denver  
Well File - Roosevelt

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

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

5. Lease Serial No.  
U-39714

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

7. If Unit or CA/Agreement, Name and/or No  
N/A

8. Well Name and No.  
Federal 34-18I

9. API Well No.  
43-047-32780

10. Field and Pool, or Exploratory Area  
Eight Mile Flat

11. County or Parish, State

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
Inland Production Company

3a. Address  
410 - 17th St, #700, Denver, CO

3b. Phone No. (include area code)  
(303) 893-0102

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SWSE 660' FSL & 1980' FEL *T.09S R.18E Sec.18*

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

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

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

The well was spudded on 1/27/97, drilled to 425', 8-5/8" casing was set @ 419' and the well was then plugged per BLM instructions by the operator, Ensearch Exploration Inc. Inland Resources has completed the required reclamation work.

(See attached drilling reports of Ensearch's drilling activity, BLM Inspection Record of Abandonment dated 3/3/97 & BLM correspondence dated 9/17/97.)

*PA-3-4-97 / Int. M. Report / CHD*

*This Sundry is used as a WCR!*

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

Name (Printed/Typed)  
David Donegan

Title  
Manager of Operations

Signature *David Donegan*

Date  
5/10/00

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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

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

100-1 100 501 03 10

FAX NO

100-1 101

To: Brad Mecham - Inland Production Company

From: Stan Olmstead - BLM

Date: September 17, 1997

Here are the following are locations that Equitable or Enserch needed to do reclamation activities on this fall. You may want to check them out to see what Inlands obligation will be. I hope I got all the legals and well numbers accurate.

1. Equitable well 42-14J, SENE section 14, T9S, R16E, U-09655  
access and location developed but not drilled.
2. Equitable well 11-7, NWNW section 7, T9S, R17E, U-44426  
subsurface water line installed for injection about 3/4 miles of surface requires  
mowing and seeding.
3. Equitable well 11-12J, NWNW section 12, T9S, R16E  
If I got this location correct it had site construction but not drilled reclamation  
needed.
4. Equitable well 43-26, NESE section 26, T8S, R18E, U-67845  
access and location developed but not drilled.
5. Enserch well 34-18J, SWSE section 18, T9S, R18E, U-39714  
location has been recontoured but most likely needs seeding.
6. Enserch well 44-18L SESE section 18, T9S, R18E, U-39714  
location has been recontoured but most likely needs seeding.

*Stan*

*To: Anita  
Sumi*

Post-It™ brand fax transmittal memo 7671		# of pages	1
To	Brad Mecham	From	Stan Olmstead
Co.	Inland	Co.	BLM
Phone #	801-722-9149	Phone #	781-4468
Fax #		Fax #	

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

INSPECTION RECORD - ABANDONMENT

DATE: March 3, 1997 DISTRICT: VERNAL, Utah  
 LOCATION(S-T-R): SUSE 18-93-18E OPERATOR: ESSAICH Exploration Inc.  
 WELL: 34-18I CONTRACTOR & RIG: Bill JR. Rat Hole  
 IID NUMBER: U-39714 LEASE NUMBER: U-39714  
 INSPECTOR: SODRGR  
 WELL TYPE(CIRCLE ONE): DRY HOLE DEPLETED PRODUCER  
 OTHER(EXPLAIN) Surface casing only

1. Plugs spotted across perforations if casing set?
2. Plugs spotted across casing stubs?
3. Open hole plugs spotted as specified?
4. Retainers, bridge plugs, or packers as specified?
5. Cement quantities as specified?
6. Method of verifying and testing plugs as specified?
7. Pipe withdrawal rate satisfactory?
8. All annular spaces plugged to surface?

YES	NO	NA
		<input checked="" type="checkbox"/>
		<input checked="" type="checkbox"/>
		<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>		
		<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/>		

PLUG 1: REQUIRED DEPTH: 0 ' TO 100 ' ACTUAL: 0 ' TO 97 '  
 PLUG SPOTTING METHOD: BALANCED RETAINERS BAILER OTHER(EXPLAIN)  
 PLUG TESTED: NO PRESSURED TAGGED OTHER(EXPLAIN)

CEMENT INFORMATION:  
 CLASS: G ADDITIVES: NONE SACKS: 35  
 WATER REQUIRED: 5.0 Gal/SK YIELD: 1.14 CuFt/SK  
 WEIGHT 15.8 PPG SLURRY VOLUME: 39.9 CuFt  
 VOLUME REQUIRED FOR PLUG: 40 CuFt

REMARKS: Simple plugging surface casing set and  
not drilled out. casing still full of water  
RTH w/ 3 joints 23/8" to 97' and circulated  
CEMENT TO SURFACE. NONE

Plug subsided - on fall back - everything cool.

PLUG 2: REQUIRED DEPTH: \_\_\_\_\_ ' TO \_\_\_\_\_ ' ACTUAL: \_\_\_\_\_ ' TO \_\_\_\_\_ '  
 PLUG SPOTTING METHOD: BALANCED RETAINERS BAILER OTHER(EXPLAIN)  
 PLUG TESTED: NO PRESSURED TAGGED OTHER(EXPLAIN)

CEMENT INFORMATION:  
 CLASS: \_\_\_\_\_ ADDITIVES: \_\_\_\_\_ SACKS: \_\_\_\_\_  
 WATER REQUIRED: \_\_\_\_\_ Gal/SK YIELD: \_\_\_\_\_ CuFt/SK  
 WEIGHT \_\_\_\_\_ PPG SLURRY VOLUME: \_\_\_\_\_ CuFt  
 VOLUME REQUIRED FOR PLUG: \_\_\_\_\_ CuFt

REMARKS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**ENSERCH EXPLORATION INC.**

FEDERAL 34-181

03/04/97

UINTAH, UTAH

API #: 43-047-32780

DEPTH: 425 FTG: ROT HRS: RIG CONTR/NAME: /  
 REPORT NO.: 4 DFS: 4 LITHOLOGY: % % % %  
 SHOE TEST (PPG): LAST CASING: 8.625 / 431 NEXT CASING: /  
 AFE TD/DHC/TCC: 5700 / \$ 149200 / \$ 191100 OART: PLUGGED SURFACE CASING W/100' 35 SX CEMENT ON TOP

LOGGERS RPT.		MUD REPORT		PUMP DATA		BIT RECORD	
PICKUP WT.		DEPTH 425	PF/MF /	LNR.	PUMP#1	PUMP#2	BIT NO
SLACK OFF WT.		TIME 06:00	CL	S.LGTH			SIZE
ROTATE WT.		LOC FLOWLINE	CA	%EFF			MFG.
TORQUE		TRIP? Y	SND	GPS			TYPE
BGG		MW	T.SOL	GPM			JETS
HIGH GAS		VIS	D.SOL	SPM			JETS
CON GAS		PV	OIL	GPM			DPTH OUT
TRIP GAS		YP	ES	PP			DPTH IN
SHALE DEN.		GELS /	TEMP	BP			FEET
P.L. TEMP.		PH	MBT	HHP			HOURS
AVG. BG GAS		API WL	HI GRV	BHHP			FEET/HR
PORE PRES.		HHP WL	LOW GRV				WOB
		CAKE	EX LME				RPM
		PM					IODL
		CUM MUD					BGOR

SURVEYS								BHA			
DEPTH	ANGLE	TVD	DIR	VERT SECTION	N/S COORD.	E/W	DOGLEG	DESCRIPTION	O.D.	I.D.	LENGTH
0	0.00	0.00	0.00	0.00	0.00	0.00	0.000				

RHL DEPARTURE : TOTAL RHA LENGTH:

ACTIVITY LAST 24 HOURS		COST SUMMARY		
HOURS	DESCRIPTION	CODE	DESCRIPTION	COSTS
6.00	MOVE IN & TIH TO 95' WITH 2-7/8" TBG.	10	COMPANY SALARIES & WAGES	300
0.50	SET 35 SX "G" NEAT CEMENT PLUG FROM 95'-0'.	20	TRANS & EQUIP/CO. VEHICLES	100
0.50	RIG DOWN & MOVE OFF.	30	TRAVEL EXPENSE	100
1.00	CUTOFF/CAP CASING. WELL WAS NOT DRILLED OUT OF SURFACE CASING. PLUGS SET AS PER BLM INSTRUCTIONS. FINAL REPORT.	132	WATER (HAULED)	300
		401	PLUG & ABANDON (RIG)	800
		402	PLUG & ABANDON (CEMENT)	1318

HRS: 8.00 Drlg. Foreman: T.M. BROWN

Total Daily Cost : 2918  
 Cum. Cost to Date: 36538

DEPTH: 425 FTG: ROT HRS: RIG CONTR/NAME: /  
 REPORT NO.: 3 DFS: 3 LITHOLOGY: % % % %  
 SHOE TEST (PPG): LAST CASING: 8.625 / 431 NEXT CASING: /  
 AFE TD/DHC/TCC: 5700 / \$ 149200 / \$ 191100 OART: AWAITING AVAILABILITY OF DRLG RIG

**LOGGERS RPT.**

PICKUP WT. \_\_\_\_\_  
 SLACK OFF WT. \_\_\_\_\_  
 ROTATE WT. \_\_\_\_\_  
 TORQUE \_\_\_\_\_  
 BGG \_\_\_\_\_  
 HIGH GAS \_\_\_\_\_  
 CON GAS \_\_\_\_\_  
 TRIP GAS \_\_\_\_\_  
 SHALE DEN. \_\_\_\_\_  
 F.L. TEMP. \_\_\_\_\_  
 AVG. BG GAS \_\_\_\_\_  
 PORE PRES. \_\_\_\_\_

**MUD REPORT**

DEPTH 425 PF/MF /  
 TIME 06:00 CL \_\_\_\_\_  
 LOC FLOWLINE CA \_\_\_\_\_  
 TRIP? Y SND \_\_\_\_\_  
 MW T.SOL \_\_\_\_\_  
 VIS D.SOL \_\_\_\_\_  
 PV OIL \_\_\_\_\_  
 YP ES \_\_\_\_\_  
 GELS / TEMP \_\_\_\_\_  
 PH MBT \_\_\_\_\_  
 API WL HI GRV \_\_\_\_\_  
 HTHP WL LOW GRV \_\_\_\_\_  
 CAKE EX LME \_\_\_\_\_  
 PM \_\_\_\_\_  
 CUM MUD \_\_\_\_\_

**PUMP DATA**

	PUMP#1	PUMP#2
LNR.	_____	_____
S.LGTH	_____	_____
%EFF.	_____	_____
GPS	_____	_____
SPM	_____	_____
GPM	_____	_____
PP	_____	_____
BP	_____	_____
HHP	_____	_____
BHHP	_____	_____
SLOW PUMP		
SPM	/ /	/ /
BPM	/ /	/ /
PP	/ /	/ /

**BIT RECORD**

BIT NO \_\_\_\_\_  
 SIZE \_\_\_\_\_  
 MFG. \_\_\_\_\_  
 TYPE \_\_\_\_\_  
 JETS \_\_\_\_\_  
 JETS \_\_\_\_\_  
 DPTH OUT \_\_\_\_\_  
 DPTH IN \_\_\_\_\_  
 FEET \_\_\_\_\_  
 HOURS \_\_\_\_\_  
 FEET/HR \_\_\_\_\_  
 WOB \_\_\_\_\_  
 RPM \_\_\_\_\_  
 IODL \_\_\_\_\_  
 BGOR \_\_\_\_\_

**SURVEYS**

DEPTH	ANGLE	TVD	DIR	VERT SECTION	N/S COORD	E/W	DOGLEG
0	0.00	0.00	0.00	0.00	0.00	0.00	0.000

**BHA**

DESCRIPTION	O.D.	I.D.	LENGTH

BHL DEPARTURE :

TOTAL BHA LENGTH:

**HOURS ACTIVITY LAST 24 HOURS**

1.50	START UP & P.O.O.H. W/ DRILL STRING
3.50	RUN 10 JTS OF 8 5/8" 24# J-55 STC NEW CSG. SET PIPE @ 419'
0.50	RIG UP DOWELL, PUMP MUD FLUSH & FRESH WATER AHEAD
1.00	CEMENT CASING AS FOLLOWS: RAN 287 SKS OF CLASS G W/ 2% CACL, .25#/SK CELLOFLAKE & .2% ANTIFOAM. DISPLACED W/ FRESH WATER, HAD GOOD RETURNS & PLUG DOWN @ 12:22 PM. CIRCULATED 25 BBLs CEMENT TO SURFACE. FLOAT DID NOT HOLD, SHUT IN HEAD. R/D DOWELL.
1.50	CLEANED EXCESS CUTTINGS OFF LOCATION & R/D BILL JR'S RIG.
16.00	WAIT ON AVAILABILITY OF DRILLING RIG

**COST SUMMARY**

CODE	DESCRIPTION	COSTS
10	COMPANY SALARIES & WAGES	300
20	TRANS & EQUIP/CO. VEHICLES	100
30	TRAVEL EXPENSE	100
62	CEMENT (SURFACE)	4903
503	CASING (SURFACE) 7.65/FT	3205

HRS: 24.00

Drig. Foreman: D BROWN

Total Daily Cost : 8608  
 Cum. Cost to Date: 33620

DEPTH: 425 FTG: 395 ROT HRS: 9.00 RIG CONTR/NAME: /  
 REPORT NO.: 2 DFS: 2 LITHOLOGY: % % % %  
 SHOE TEST (PPG): LAST CASING: / NEXT CASING: /  
 AFE TD/DHC/TCC: 5700 / S 149200 / S 191100 OART: P.O.O.H. TO SET 8 5/8" CSG

LOGGERS RPT.	MUD REPORT	PUMP DATA	BIT RECORD
PICKUP WT. _____	DEPTH 425 PF/MF /	LNR. _____ PUMP#1 _____ PUMP#2 _____	BIT NO 1
SLACK OFF WT. _____	TIME 06:00 CL _____	S.LGTH _____	SIZE 12.250
ROTATE WT. _____	LOC FLOWLINE CA _____	%EFF _____	MFG. MISSIO
TORQUE _____	TRIP? Y _____	GPS _____	TYPE _____
BGG _____	MW _____ T.SOL _____	SPM _____	JETS _____
HIGH GAS _____	VIS _____ D.SOL _____	GPM _____	JETS _____
CON GAS _____	PV _____ OIL _____	PP _____	DPTH OUT 425
TRIP GAS _____	YP _____ ES _____	BP _____	DPTH IN _____
SHALE DEN. _____	GELS / TEMP _____	HHP _____	FEET 425
F.L. TEMP. _____	PH _____ MBT _____	BHHP _____	HOURS 10.25
AVG. BG GAS _____	API WL _____ HI GRV _____	SLOW PUMP	
PORE PRES. _____	HTHP WL _____ LOW GRV _____	SPM / / / /	FEET/HR 41.46
	CAKE _____ EX LME _____	BPM / / / /	WOB 15
	PM _____	PP / / / /	RPM 20
	CUM MUD _____		IODL _____
			BGOR _____

SURVEYS							
DEPTH	ANGLE	TVD	DIR	VERT SECTION	N/S COORD.	E/W	DOGLEG
0	0.00	0.00	0.00	0.00	0.00	0.00	0.000

BHA			
DESCRIPTION	O.D.	I.D.	LENGTH

BHL DEPARTURE :

TOTAL BHA LENGTH:

HOURS	ACTIVITY LAST 24 HOURS
2.00	STARTING UP
1.00	P/U & SET ADDITIONAL 15' OF CONDUCTOR PIPE DOWN TO 40'. FORMATION WAS FIRM AND COULD DRILL EFFECTIVELY
9.00	DRILLING 12 1/4" HOLE TO TD OF 425'
11.50	SHUT DOWN FOR THE DAY
0.50	STARTING UP & PREPARING TO P.O.O.H. TO RUN CSG

COST SUMMARY		
CODE	DESCRIPTION	COSTS
10	COMPANY SALARIES & WAGES	300
20	TRANS & EQUIP/CO. VEHICLES	100
30	TRAVEL EXPENSE	100
43	RIG (FTG) 425' & RAT & MOUSE	9765
132	WATER (HAULED)	66

HRS: 24.00 Drlg. Foreman: D. BROWN

Total Daily Cost : 10331  
 Cum. Cost to Date: 5181

