

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SUBMIT IN THIS DATE
(Other instructions on reverse side)
DEC 8 1987

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 EDWARDS & HARDING PETROLEUM COMPANY

3. ADDRESS OF OPERATOR
 9730 SOUTH 700 EAST #204 SANDY UT 84070

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface: NE NW (816 FNL 1874 FWL) SECTION 18, T8S, R24E
 At proposed prod. zone: SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 2.8 MILES SE OF VERNAL

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

16. NO. OF ACRES IN LEASE
 628.64

17. NO. OF ACRES ASSIGNED TO THIS WELL
 N/A

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 N/A

19. PROPOSED DEPTH
 1500

20. ROTARY OR CABLE TOOLS
 ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 GROUND 5162 FEET

22. APPROX. DATE WORK WILL START*
 12/15/87

5. LEASE DESIGNATION AND SERIAL NO.
 U 61409

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
 FEDERAL #18-3

10. FIELD AND POOL, OR WILDCAT
~~WILDCAT~~ - UNDESIGNATED

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 T 8S R 24E SECTION 18

12. COUNTY OR PARISH
 UTAH

13. STATE
 UTAH

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	7"	20 #	300'	150 SX
6 1/4"	4 1/2"	11.6 #	1500'	350 SX

PROPOSAL: TO DRILL A TEST WELL THROUGH THE UINTA FORMATION

SEE ATTACHED:

- 1) TEN - POINT DRILLING PLAN
- 2) MULTI POINT SURFACE USE & OPERATION PLAN

ANTICIPATED BHP IS 500 PSI

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 M. C. Edwards TITLE PRESIDENT DATE 12/1/87

(This space for Federal or State office use)

PERMIT NO. 43 047-31831 APPROVAL DATE 12-14-87

APPROVED BY John R. Day TITLE DATE: 12-14-87

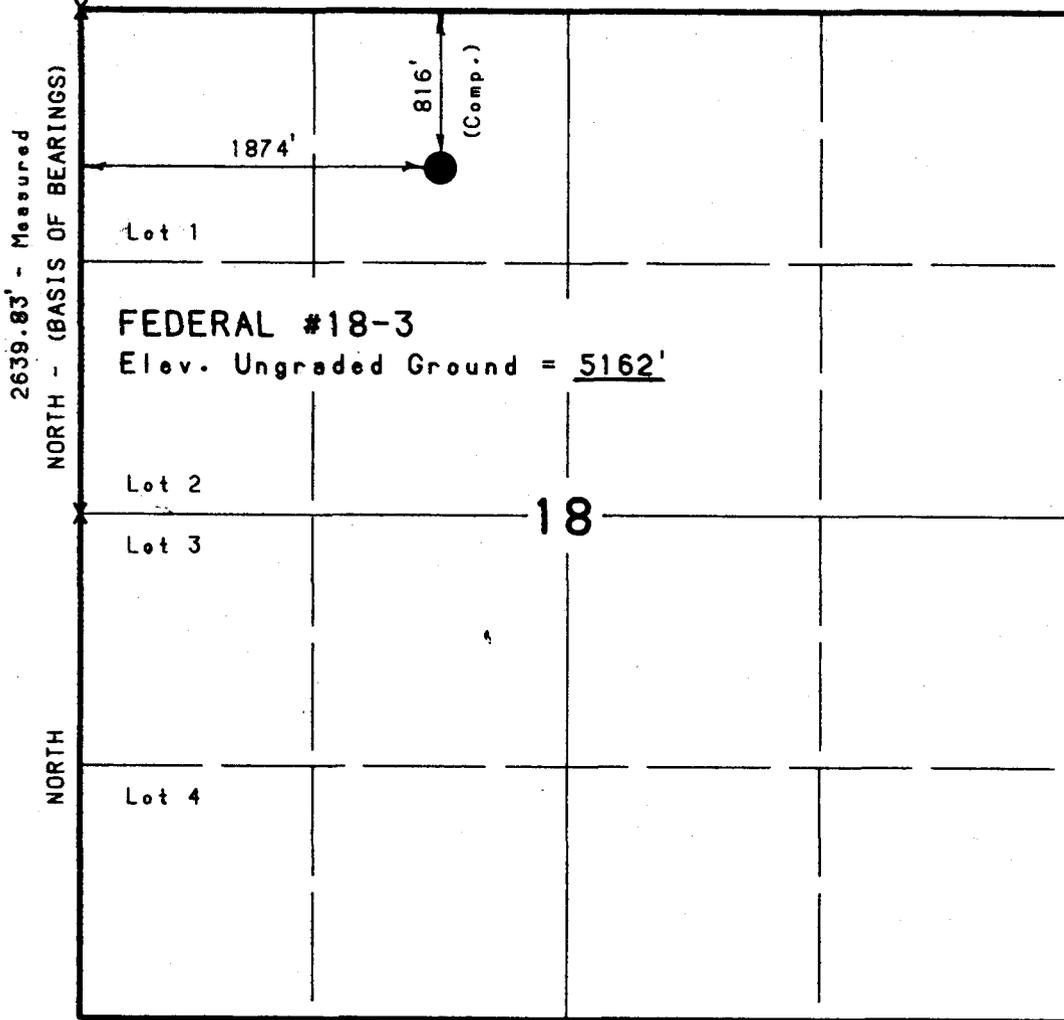
CONDITIONS OF APPROVAL, IF ANY:

BY: John R. Day
 WELL SPACING: R615-3-2

*See Instructions On Reverse Side

T8S. R24E. S.L.B.&M.

S 89° 45' E - 78.53 (G.L.O.)



2639.83' - Measured
NORTH - (BASIS OF BEARINGS)

N 0° 04' W

S 89° 44' E - 78.63

X = SECTION CORNERS LOCATED (Brass Caps)

PROJECT

EDWARDS PETROLEUM CO.

Well location, FEDERAL #18-3,
located as shown in the NE1/4
NW1/4 of Section 18, T8S, R24E,
S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION IN THE SW1/4 NE1/4 OF SECTION 7,
T8S, R24E, S.L.B.&M., TAKEN OFF AN EXISTING GAS
WELL. ELEVATION ON THE WELL HEAD IS 5198' AS
SHOWN ON THE RED WASH QUADRANGLE, UTAH -
UINTAH COUNTY, 7.5 MINUTE QUADRANGLE TOPOGRAPHY
MAP PUBLISHED BY THE UNITED STATES DEPARTMENT OF
THE INTERIOR, GEOLOGICAL SURVEY.

RECEIVED
DEC 10 1987
DIVISION OF
OIL, GAS & MINING

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.

[Signature]
REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

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

SCALE 1" = 1000' DATE 11-8-87

R.K. G.M. J.R.S. SLO

EDWARDS PETROLEUM

TEN POINT PROGRAM

EDWARDS & HARDING PETROLEUM COMPANY

Federal #18-3

NE NW Section 18 T8S-R24E

Uintah Co., Utah

1) GEOLOGIC SURFACE FORMATION

The surface formation is Uinta.

Fed 18-3

*complete except
for API &
diagrams*

2 & 3) GEOLOGIC MARKERS AND PRODU

Formation	Estimated Top	Possible Production
<u>Uinta</u>	<u>Surface</u>	<u></u>
<u>"A" Marker</u>	<u>815</u>	<u>H</u>
<u>"B" Marker</u>	<u>1015</u>	<u>H</u>
<u>"C" Marker</u>	<u>1215</u>	<u>H</u>
<u>Green River</u>	<u>1515</u>	<u></u>

W=Water H=Hydrocarbon (oil or gas) C=Coal S=Steam

4) CASING PROGRAM

<u>Hole Size</u>	<u>Casing Size</u>	<u>Grade</u>	<u>Weight</u>	<u>Thread & Cond</u>	<u>Depth</u>
12 1/4	7 "	J-55	20.0	STC	+/- 300'
7 7/8	4 1/2"	J-55	11.6	STC	TD

5) CONTROL EQUIPMENT SPECIFICATIONS

The following equipment will be utilized for detection and control during the drilling operation.

BLOW OUT PREVENTORS

Size 11" Pressure Rating 5000 psi

Pipe Rams yes Blind Rams yes

Annular Preventor yes

Kill Line Size 2" x 3000 psi Valves 2" x 3000 psi

Check Valve 2" x 3000 psi

MANIFOLD

Size 3" Valves 3" x 3000 Pressure 3000 psi

Positive Choke yes Adjustable Choke yes

See Exhibit I attached for additional detail. BOP Equipment will be installed prior to drilling below 8 5/8" casing and BOP will be tested to 1500 psi using rig pump. Surface casing will be tested to 70% of internal yield.

6) DRILLING FLUIDS

<u>Interval</u>	<u>Type Fluid</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>Remarks</u>
<u>0 - 1000</u>	<u>Air</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>1000-1500</u>	<u>Water</u>	<u>8.4-9.0</u>	<u>No Control</u>	<u>No Control</u>	<u> </u>
<u> </u>					

Possible Sub Normal Pressured Zones Green River
Possible Abnormal Pressured Zones Uinta

7) AUXILIARY EQUIPMENT

Upper Kelly Cock no
Lower Kelly Cock yes
Floor Valve DP yes
Floor Valve DC yes
Float in DC yes
Inside BOP (Dart Valve) no

ADDITIONAL DETECTION EQUIPMENT & SERVICE

Mud Logging Unit yes
Pit Volume Totalizer no
Flow Line Sensor no
Flow Line Temperature no

Sour Gas Detector no
Pump Stroke Counter no
Degasser no
Mud Gas Separator no
Drilling Data Unit no
Other The mud system will be visually monitored

8) EVALUATION

A) Testing

Drill stem tests will probably not be run.

B) Logging

Depth	Electric Wireline Logs	Interval
<u>Total Depth</u>	<u>DIL/GR</u>	<u>300'-TD</u>

C) CORING

<u>Formation</u>	<u>Type Core</u>	<u>Analysis</u>
<u>none</u>	<u></u>	<u></u>

9) DRILLING HAZARDS

No extraordinary hazards are anticipated.

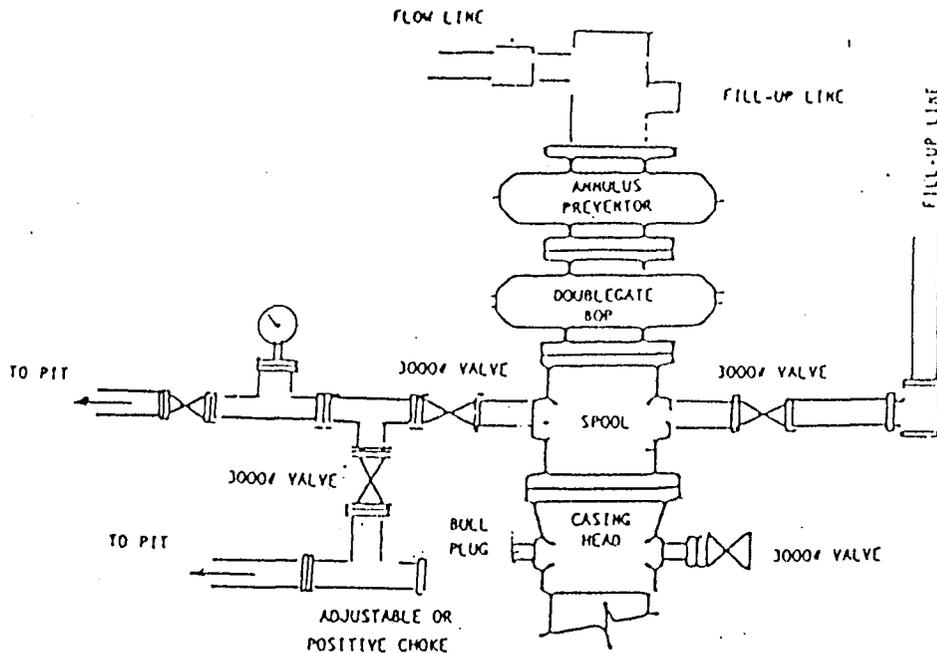
10) STARTING DATE: 12/15/87 DURATION: 4 days .

DRILLING PROGRAM PREPARED BY: MICHAEL L. EDWARDS



Michael L. Edwards

Exhibit 1
Sketch of Blowout Preventor
5000 psi System



Note: Pipe rams to be operated daily

Test Procedure

- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test the following to rated pressure:
 - a) inside blowout preventor
 - b) stand pipe valve
 - c) lines to mud pump
 - d) kill line to BOP's
- 4) Close and test pipe rams to rated pressure.
- 5) Close and test Hydril to rated pressure.
- 6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
- 7) Test all choke manifold valves to rated pressure.
- 8) Test kill line valves to rated pressure.

THIRTEEN POINT SURFACE USE PLAN

Edwards & Harding Petroleum Company
Federal #18-3
NE NW Section 18, T8S-R24E
Uintah Co., Utah

1) EXISTING ROADS

See attached topographic maps A & B. Directions: Take Highway 40 south from Vernal, approximately one mile to point where Highway 40 veers east. Take the "New Bonanza" highway south approximately 25 miles. After the Deseret Power Plant road appears on your right, continue on the highway for about another 1/2 mile. From that point the well site location is approximately 1/10th of a mile on east or left side of highway.

2) PLANNED ACCESS ROAD

See attached topographic map A. It will be necessary to construct approximately 400 feet of new road to connect the existing road with the proposed location. Construction of the new road will meet the following standards:

Maximum grade should not exceed 7% (7' per 100). The trail will be a maximum of an 18' crown road (9' on either side of the center line) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run off from any normal precipitation occurring in this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

The road will be centerline flagged prior to the commencement of construction.

The grade of this road will be constructed from native borrow accumulated during construction.

The access road will gently slope up to the highway and it was determined at the on-site inspection, with the approval of the BLM representative, that dirt from either side of the access road in the immediate area of the access road ramp could be used to build the access ramp. Otherwise, no major cuts or fills appear necessary.

There are no existing fences or cattleguards associated with this location.

3) LOCATION OF EXISTING WELLS

Within a one-mile radius the following wells are identified by category and listed below.

1. Water wells - none
2. Abandoned wells:
 - Producing- none
 - Dry holes - SW NE Section 18 T8S-R24E
3. Temporarily abandoned wells - none
4. Disposal wells - none
5. Drilling wells - none
6. Producing wells - SW NE Section 7 T8S-R24E
7. Shut-in wells - NE NE Section 13 T8S-R23E
8. Injection wells - none
9. Monitoring or observation wells - none

4) LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES AND PRODUCTION GATHERING AND SERVICE LINES

At the present time there are no Edwards & Harding Petroleum batteries, production facilities, oil gathering lines, gas gathering lines, injection or disposal lines within a two mile radius.

In the event that production of this well is established, then the existing area of the location will be utilized for the establishment of the necessary production facilities.

This area will be built, if possible, with the native materials and if

these materials are not available, then the necessary arrangements will be made to get them from private sources.

The rehabilitation of the disturbed area that is not required for the production of this well will meet the requirements of Items # 7 and #10 and these requirements and standards will be adhered to.

If production facilities are necessary, these facilities will be constructed as shown in Figure 1.

5) LOCATION AND TYPE OF WATER SUPPLY

Water will be hauled from the Green River or White River by truck. Application has been made for a state water permit.

The existing roads and proposed roads previously noted will be all that are needed. No water well will be drilled for this operation.

6) SOURCE OF CONSTRUCTION MATERIALS

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

7) METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet.

The mud pit will be approximately 6' deep and at least one half of this depth shall be below the surface of the existing ground.

A test tank will be used to contain produced fluids.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the water fowl, wildlife, and domestic animals.

On the onset of drilling, the mud pit will be fenced on three sides and at the time the drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are attempted.

When the mud pit dries and the reclamation activities commence, the pit will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

Trash will be placed in a completely enclosed container and hauled off the location.

All flammable materials will be burned and then buried upon completion of this well.

A portable chemical toilet will be supplied for human waste.

8) ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none are foreseen in the near future.

9) WELL SITE LAYOUT

See attached Location Layout Sheet. The BLM District Manager shall be notified before any construction begins on the proposed location site.

As mentioned in #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10) PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

As mentioned on Item #7, the mud pit will be completely fenced and wired and overhead wire and flagging installed, if there is oil in the pits, and then allowed to completely dry before covering.

Restoration activities shall begin as soon as possible after the mud pit has dried up, and will be completed without undue delay.

When restoration activities have been completed, the location site and access ramp shall be reseed with a seed mixture recommended by the BLM District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11) OTHER INFORMATION

The drillsite is located in a flat area with drainage to the north and south. The surface is the Uinta formation, light brown sandy clay with sparse sagebrush cover. There are no trees on the proposed location.

General use of the surface is grazing. The new road and location are federally owned.

It has been determined by the BLM that no archeological report will be necessary for this location.

The closest water is located in the Green River.

12) LESSEE'S OR OPERATOR'S REPRESENTATIVE

Karen or Michael Edwards
Edwards Petroleum Company
9730 South 700 East
Sandy, UT 84070
Office Phone: (801) 572-3414
Home Phone: (801) 571-6781

D. D. "Curley" Grimlie
Drilling & Completion Consultant
1905 Newcombe Dr.
Lakewood, CO 80215
(303) 238-9950

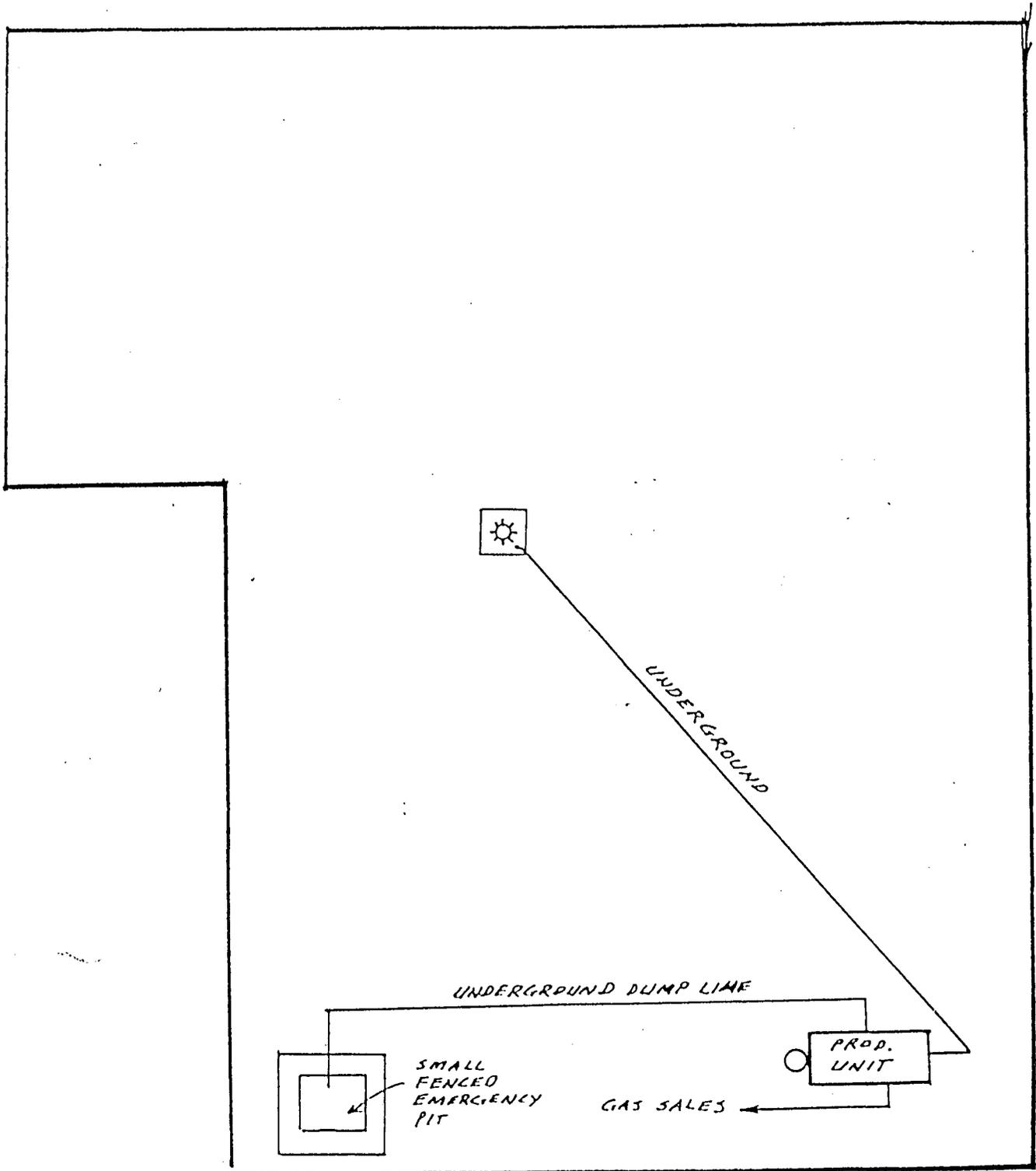
13) CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site 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 Edwards & Harding Petroleum Company and its contractors and subcontractors in conformity with this plan and terms and conditions under which it is approved.



Michael L. Edwards, President

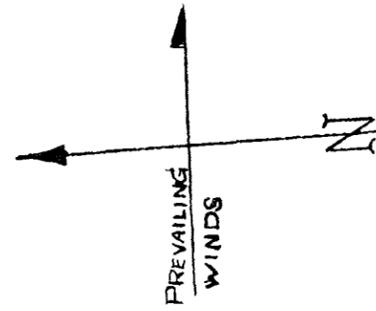
FIGURE 1. PRODUCTION FACILITIES



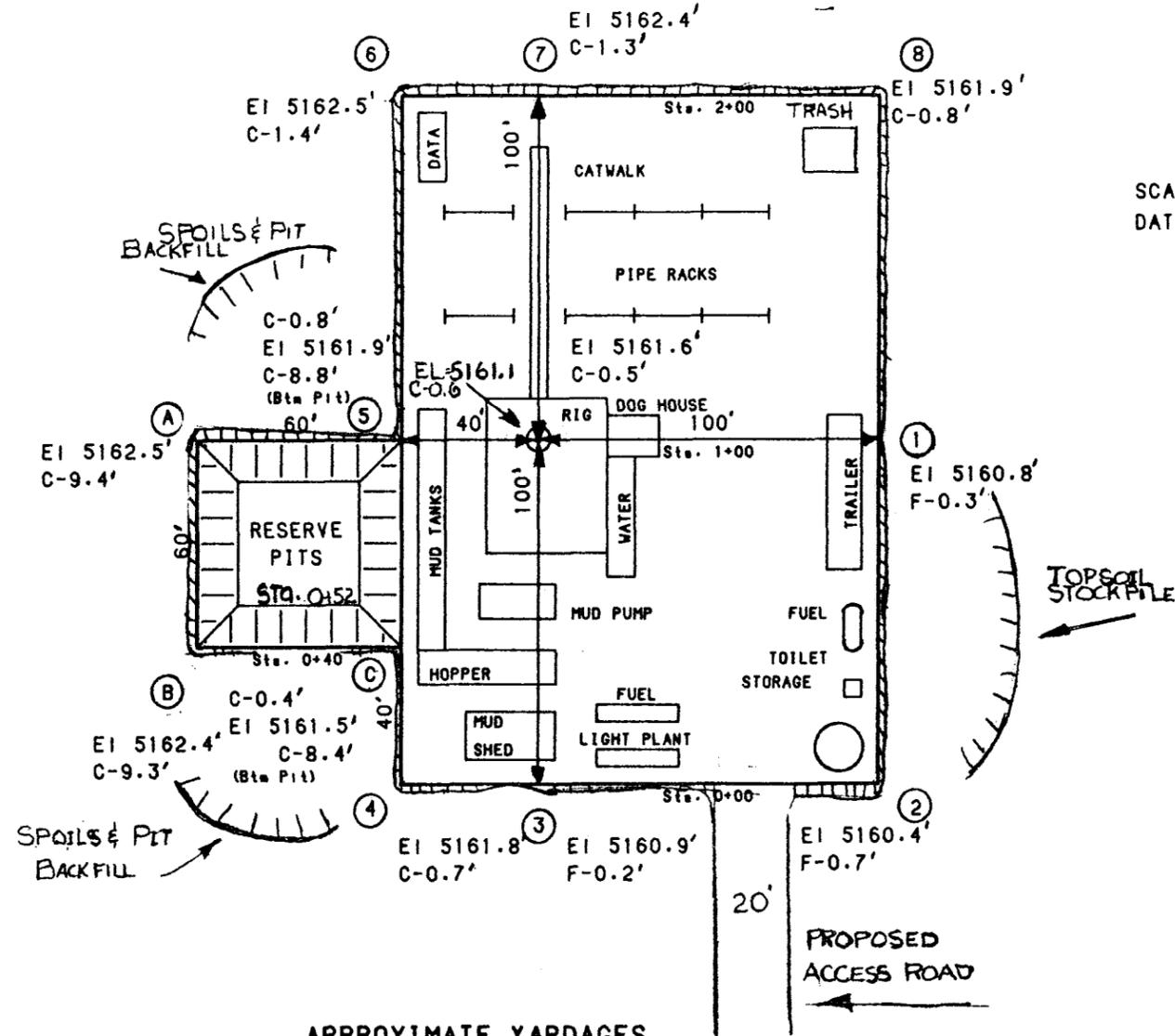
EDWARDS PETROLEUM CO.

FEDERAL #18-3

SECTION 18, T8S, R24E.
S.L.B.&M.

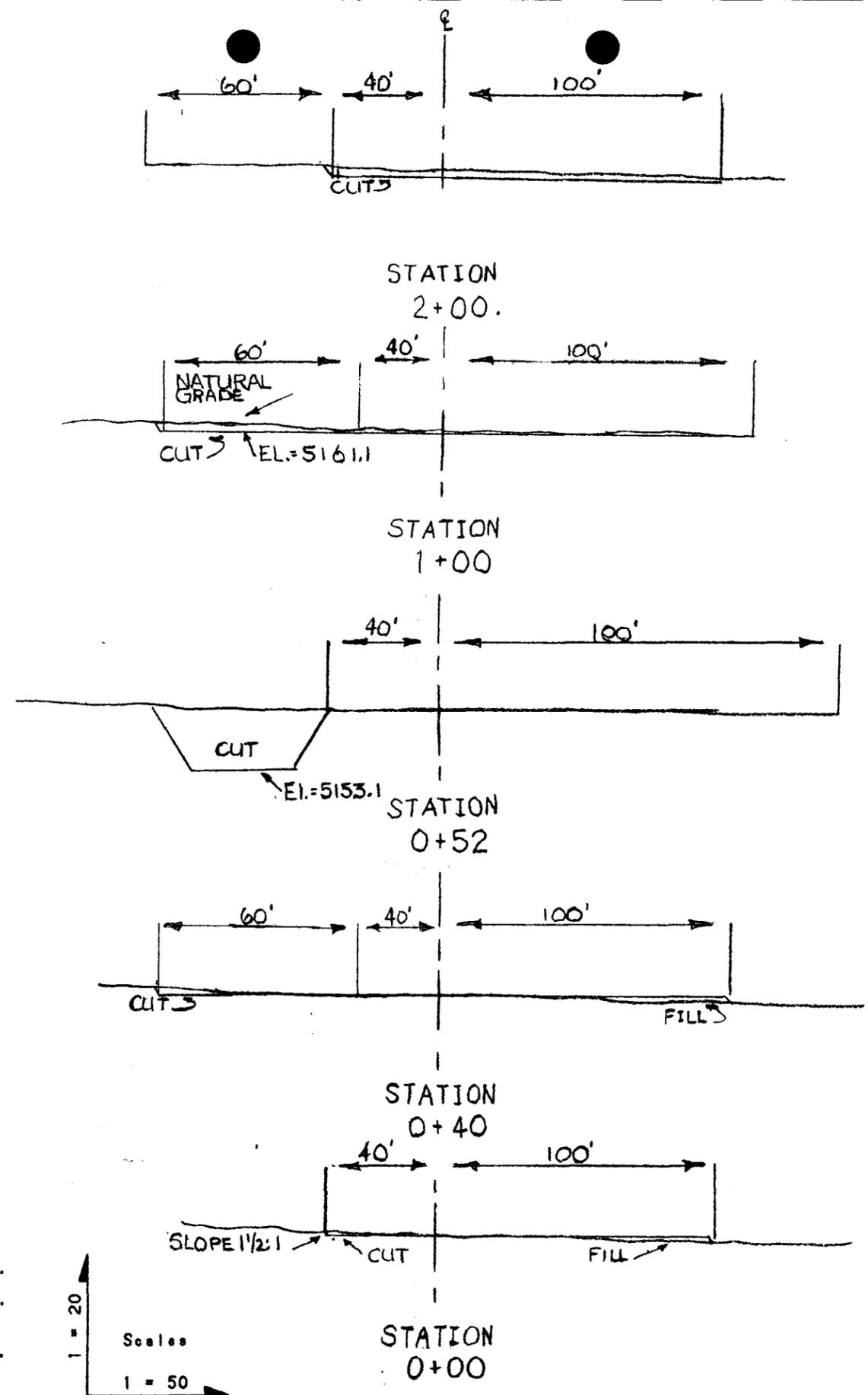


SCALE: 1" = 50'
DATE: 11/10/87



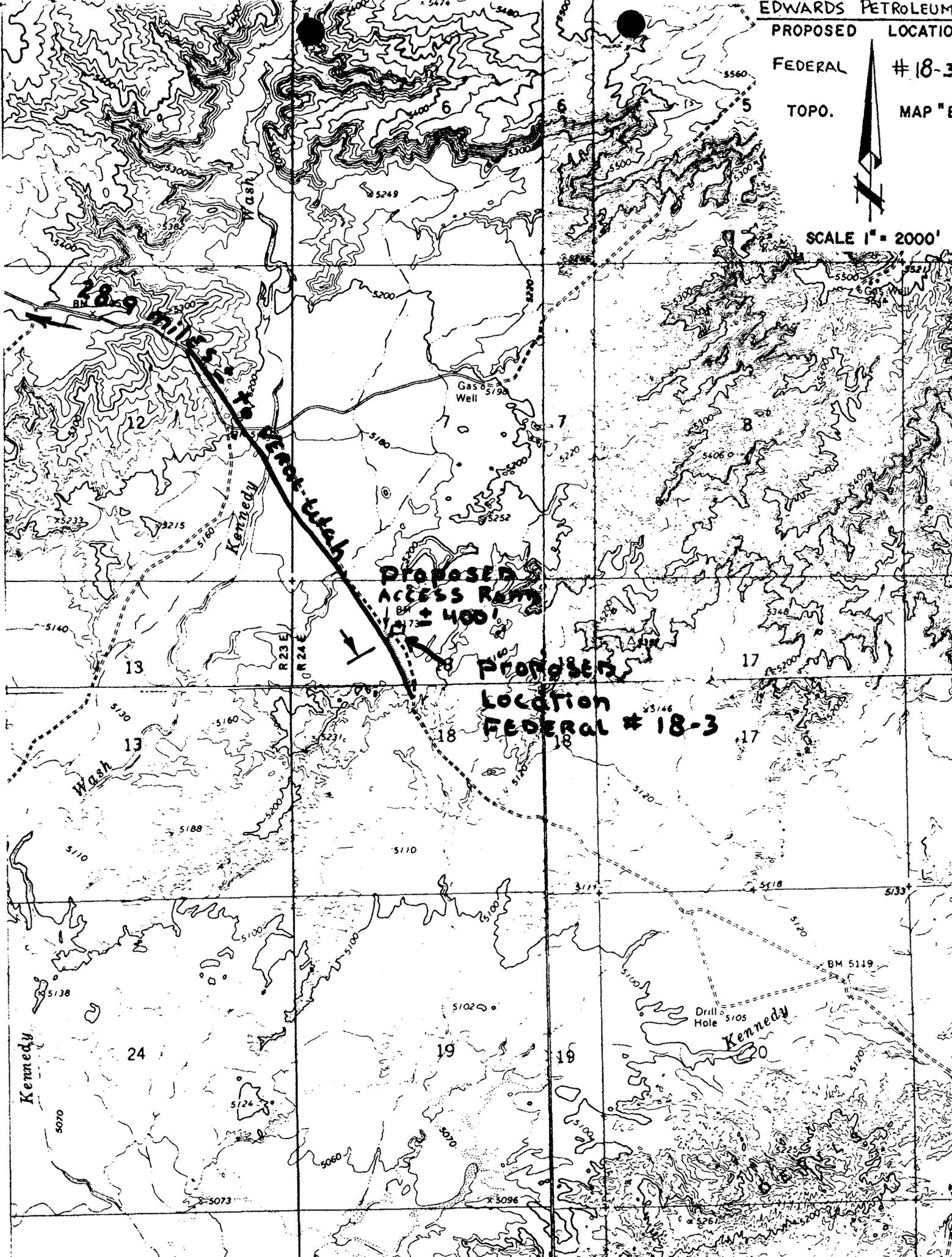
APPROXIMATE YARDAGES

CUT		EXCESS MATERIAL AFTER	
(6) Topsoil Stripping	= 585 Cu. Yds.	20% COMPACTION	= 1,094 Cu. Yds.
Pit Volume (Below Grade)	= 683 Cu. Yds.	Topsoil & Pit Backfill	= 927 Cu. Yds.
Remaining Location	= 258 Cu. Yds.	(1/2 Pit Vol.)	
TOTAL CUT	= 1,526 CU. YDS	EXCESS UNBALANCE	= 167 Cu. Yds.
FILL	= 346 CU. YDS	(After Rehabilitation)	





SCALE 1" = 2000'



Proposed Access Ramp
1/2" x 400'

Proposed Location
FEDERAL # 18-3

Kennedy

Kennedy

24

19

19

17

17

18

13

13

7

5

6

6

5

12

12

Kennedy Wash

Wash

Gas Well 5198

Drill Hole 5105

BM 5119

R23E OR 24E

Wash

5073

5096

5070

5126

5102

5110

5110

5188

5138

5140

5160

5160

5200

5220

5250

5249

5476

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121823

OPERATOR Edwards & Harding Pet. Co. DATE 12-8-87

WELL NAME Federal 18-3

SEC NE NW 18 T 95 R 24E COUNTY Unitab

43-047-31831
API NUMBER

Fed.
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

NO other well within 920' (No other well in Sec. 18)
Need water permit

APPROVAL LETTER:

SPACING:

R615-2-3

UNIT

R615-3-2

CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

1-Water



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

December 14, 1987

NE675

Edwards & Harding Petroleum Company
9730 South 700 East, Suite 204
Sandy, Utah 84070

Gentlemen:

Re: Federal 18-3 - NE NW Sec. 18, T. 8S, R. 24E - Uintah County, Utah
816' FNL, 1874' FWL

Approval to drill the referenced well is hereby granted in accordance with Rule R615-3-2, Oil and Gas Conservation General Rules, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

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

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form to the Division within five working days of the time that the well is spudded or a change in operations or interests necessitates a change in entity status.
3. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
4. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
5. Compliance with the requirements of Rule R615-3-22, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

Page 2
Edwards & Harding Petroleum Company
Federal 18-3
December 14, 1987

6. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31831.

Sincerely,



R. L. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: Branch of Fluid Minerals
D. R. Nielson
8159T

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED
DEC 21 1987
DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO. U 61409 Drl.
6. INDIAN, ALLOTTEE OR TRIBE NAME 122807
7. AGREEMENT NAME

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
EDWARDS & HARDING PETROLEUM COMPANY

3. ADDRESS OF OPERATOR
9730 SOUTH 700 EAST #204 SANDY UT 84070

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface NE NW (816 FNL 1874 FWL) SECTION 18, T8S, R24E
At proposed prod. zone SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
28 MILES SE OF VERNAL 43-047-31831

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 816 FT
16. NO. OF ACRES IN LEASE 628.64

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. N/A
19. PROPOSED DEPTH 1500

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GROUND 5162 FEET

5. FARM OR LEASE NAME

9. WELL NO. FEDERAL #18-3

10. FIELD AND POOL, OR WILDCAT WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA T 8S R24E SECTION 18

12. COUNTY OR PARISH UTAH
13. STATE UTAH

17. NO. OF ACRES ASSIGNED TO THIS WELL N/A

20. ROTARY OR CABLE TOOLS ROTARY

22. APPROX. DATE WORK WILL START* 12/15/87

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	7"	20#	300'	150 SX
6 1/4"	4 1/2"	11.6#	1500'	350 SX

PROPOSAL: TO DRILL A TEST WELL THROUGH THE UINTA FORMATION

SEE ATTACHED:

- 1) TEN-POINT DRILLING PLAN
- 2) MULTIPPOINT SURFACE USE & OPERATION PLAN

ANTICIPATED BHP IS 500 PSI

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 M. C. Edwards TITLE PRESIDENT DATE 12/1/87

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE ASSISTANT DISTRICT MANAGER MINERALS DATE 12-18-87

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

*See Instructions On Reverse Side

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Edwards and Harding Petroleum Company Well No. 18-3

Location NE/NW Sec. 18 T 8S R 24E Lease No. U-61409

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

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A. DRILLING PROGRAM

1. 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 Wayne Svejnoha of this office. Copies of State of Utah form, OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

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

2. Pressure Control Equipment

While utilizing air as a drilling medium, the following equipment shall be utilized:

- a. Properly lubricated and maintained rotating head.
- b. Staked down, straight Bloopie Line extending at least 150' away from wellbore with an automatic lighter/continuous pilot light at end.
- c. Float at bit.

Minimum 2000 psi BOPE shall be utilized. Annular, pipe and blind rams shall be pressure tested to at least 1200 psi. IF abnormal pressure gradients are encountered while drilling any well in this area, higher BOPE test pressures will be required.

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

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

3. Casing Program and Auxiliary Equipment

Adequate cement volumes are proposed which should bring the cement to the surface for both the surface and production string. If wellbore conditions prevent successful completion of the proposed plan, immediately contact Al McKee or Jerry Kenczka of this office for possible remedial action.

Test all casing strings to 1000 psi before drilling out shoe.

If production casing is run and cemented, a cement bond log shall be run to determine bond quality.

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

4. Mud Program and Circulating Medium

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

5. Coring, Logging and Testing Program

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

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

6. Notifications of Operations

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

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

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

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

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

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

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

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

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

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

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

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

7. Other Information

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

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

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

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

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a

date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

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

There will be no deviation from the proposed drilling and/or work-over 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."

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.

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

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

Gerald E. Kenczka (801) 781-1190
Petroleum Engineer

R. Allen McKee (801) 781-1368
Petroleum Engineer

Craig M. Hansen (801) 247-2318
Assistant District Manager
for Minerals

Date NOS Received 11-19-87

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

Company/Operator Edwards and Harding Petroleum Company

Well Name & Number Federal No. 18-3

Lease Number U-61409

Location NE ¼ NW ¼ Sec. 18 T.8S. R.24E.

Surface Ownership Federal

B. THIRTEEN POINT SURFACE USE PROGRAM:

1. Location of Existing and/or Proposed Facilities

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

2. Methods for Handling Waste Disposal

The reserve pit shall be lined if needed to conserve water and drilling fluids.

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

3. Well Site Layout

All pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed. Pits will be fenced and maintained until clean-up.

4. Plans for Restoration of Surface

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

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed. The reserve pit will be reclaimed within 6 months from the date of well completion.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage and the seed mixture will be proportionately larger (double the lbs. per acre).

All seeding will be done from September 15 until the ground freezes.

At such time as the well is plugged and abandoned, the operator will submit a surface reclamation plan to the Surface Management Agency for prescribed seed mixtures and reseeding requirements.

If the seeding is unsuccessful, the lessee/operator may be required to make subsequent seedings.

The BLM recommends the following procedure for reclamation:

Compacted areas of the well pad should be plowed or ripped to a depth of 12" before reseeding. Seeding should be done with a disc-type drill to ten inches apart. The seed should be planted between one-half inch deep and three-quarter inch deep. A drag, packer or roller may be used to insure uniform coverage of the seed, and adequate compaction. Drilling of the seed should be done on the contour where possible. Where slopes are too steep for contour drilling, a "cyclone" hand-seeder or similar broadcast seeder should be used, using twice the recommended seed per acre. Seed should then be covered to a depth described above by whatever means is practical.

5. Other Additional Information

If, during operations, any archaeological or historical sites, or any object of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites are to be suspended and the discovery reported promptly to the Surface Management Agency.

On BLM administered land, it is required that a proposed use of pesticide, herbicide or other possible hazardous chemicals shall be cleared for use prior to application.

The operator or his contractor shall contact the BLM Bookcliffs Resource Area at (801) 789-1362 (BLM) between 24 and 48 hours prior to construction activities. Contact Jim Piani.

The lessee/operator is given notice that the area has been identified as crucial pronghorn (antelope) habitat. Modifications may be required in the Surface Use Plan to protect the pronghorn during the kidding period of May 15 to June 20.

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.

The dirt contractor will be provided with an approved copy of the Surface Use Plan from the APD.

This drilling 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.

EHPC MEMO

To: Vicky Carney

From: Karen *Karen*

Date: 12/28/87

RE: Well File Confidentiality

RECEIVED
DEC 31 1987

DIVISION OF
OIL, GAS & MINING

Here is the letter requesting confidentiality for the Federal #13-1 well that we talked about this morning. At the same time, lets also designate the files on the the three wells that we just recently permitted as confidential:

Federal #13-3

Federal #13-9

Federal #18-3

Next time I'll know to make this confidentiality request at the time that I submit the APD. Thanks for your help.

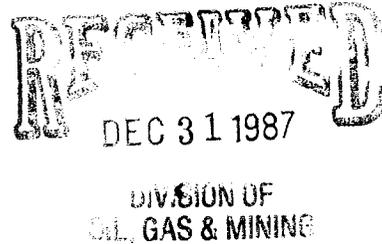
EDWARDS & HARDING PETROLEUM COMPANY

9730 SOUTH 700 EAST
SUITE 204
SANDY, UTAH 84070
(801) 572-3414

EHPC

December 28, 1987

Ms. Vicky Carney
Division of Oil, Gas, & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180



RE: Well File Confidentiality
Federal #18-3
8 S, 24E, Section 18
Uintah County, Utah

Dear Vicky:

We hereby request at this time that all the information related to this well be held confidential and ask that the well file be designated CONFIDENTIAL.

Sincerely,

Karen Edwards

Karen Edwards

010611

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API #43-047-31831

NAME OF COMPANY: EDWARDS & HARDING PETROLEUM COMPANY

WELL NAME: FEDERAL 18-3

SECTION NE NW 18 TOWNSHIP 8S RANGE 24E COUNTY Uintah

DRILLING CONTRACTOR LEON ROSS

RIG # 6

SPUDDED: DATE 1-2-88

TIME 12:30 AM

How Dry Hole/Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Curley Grimley

TELEPHONE # 789-4200 (Unit 9533)

DATE 1-4-88 SIGNED AS

RECEIVED

JAN 06 1988

WATER RIGHTS

JAN 20 1988

FILING FOR WATER IN THE STATE OF UTAH

Rec. by SP

Fee Rec. 30.00

Receipt # 23534

Microfilmed _____

Roll # _____

APPLICATION TO APPROPRIATE WATER

DIVISION OF OIL, GAS AND MINES

RECEIVED

For the purpose of acquiring the right to use a portion of the unappropriated water of 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 Title 73, Chapter 3100 of the Utah Code Annotated (1953, as amended.)

WATER RIGHTS

SALT LAKE

APPLICATION NO. T63005

WATER USER CLAIM NO. 49 - 1441

1. PRIORITY OF RIGHT: December 17, 1987

FILING DATE: December 17, 1987

2. OWNER INFORMATION

Name: Edwards and Harding Petroleum Co c/o Target Trucking
Address: 2960 N. 500 E.; Vernal, UT 84078
The land is not owned by the applicant(s), see explanatory.

3. QUANTITY OF WATER: 12.0 acre feet (Ac. Ft.)

4. SOURCE: Green River DRAINAGE: SE Uinta Basin

POINT(S) OF DIVERSION:

COUNTY: Uintah

(1) S. 2200 feet, W. 1550 feet, from the NE Corner of Section 7, Township 6 S, Range 22 E, SLB&M

Description of Diverting Works: Pumped into tank trucks.

(2) N. 400 feet, W. 850 feet, from the E $\frac{1}{2}$ Corner of Section 2, Township 10 S, Range 24 E, SLB&M

Source: White River

Description of Diverting Works: Pumped into tank trucks.

COMMON DESCRIPTION: 11mi. South of Vernal.

5. NATURE AND PERIOD OF USE

Oil Exploration From January 1 to December 31.

6. PURPOSE AND EXTENT OF USE

Oil Exploratio: Completion of 3 oil wells: Federal 18-3, 13-3, 13-9.

7. PLACE OF USE

The water is used in all or parts of each of the following legal subdivisions.

TOWN RANGE SEC	North East Quarter				North West Quarter				South West Quarter				South East Quarter					
	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$		
8 S 23 E 13					X												X	
8 S 24 E 18					X													

All locations in Salt Lake Base and Meridian

EXPLANATORY

Edwards Petroleum has oil lease on land.

Cont.
43-047-31829-Dr. (13-
Cont.
43-047-31830 (13-9)
Cont.
43-047-31831-(18-3)

The applicant hereby acknowledges he/they are a citizen(s) of the United States or intends to become such a citizen.

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described.

The undersigned hereby acknowledges that even though he/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 therein, at the time of filing, rests with the applicant(s).



Signature of Applicant

STATE ENGINEER'S ENDORSEMENT

WATER RIGHT NUMBER: 49 - 1441

APPLICATION NO. T63005

1. December 17, 1987 Application received.
 2. December 18, 1987 Application designated for APPROVAL by RL and KLJ.
 3. Comments:
-
-

Conditions:

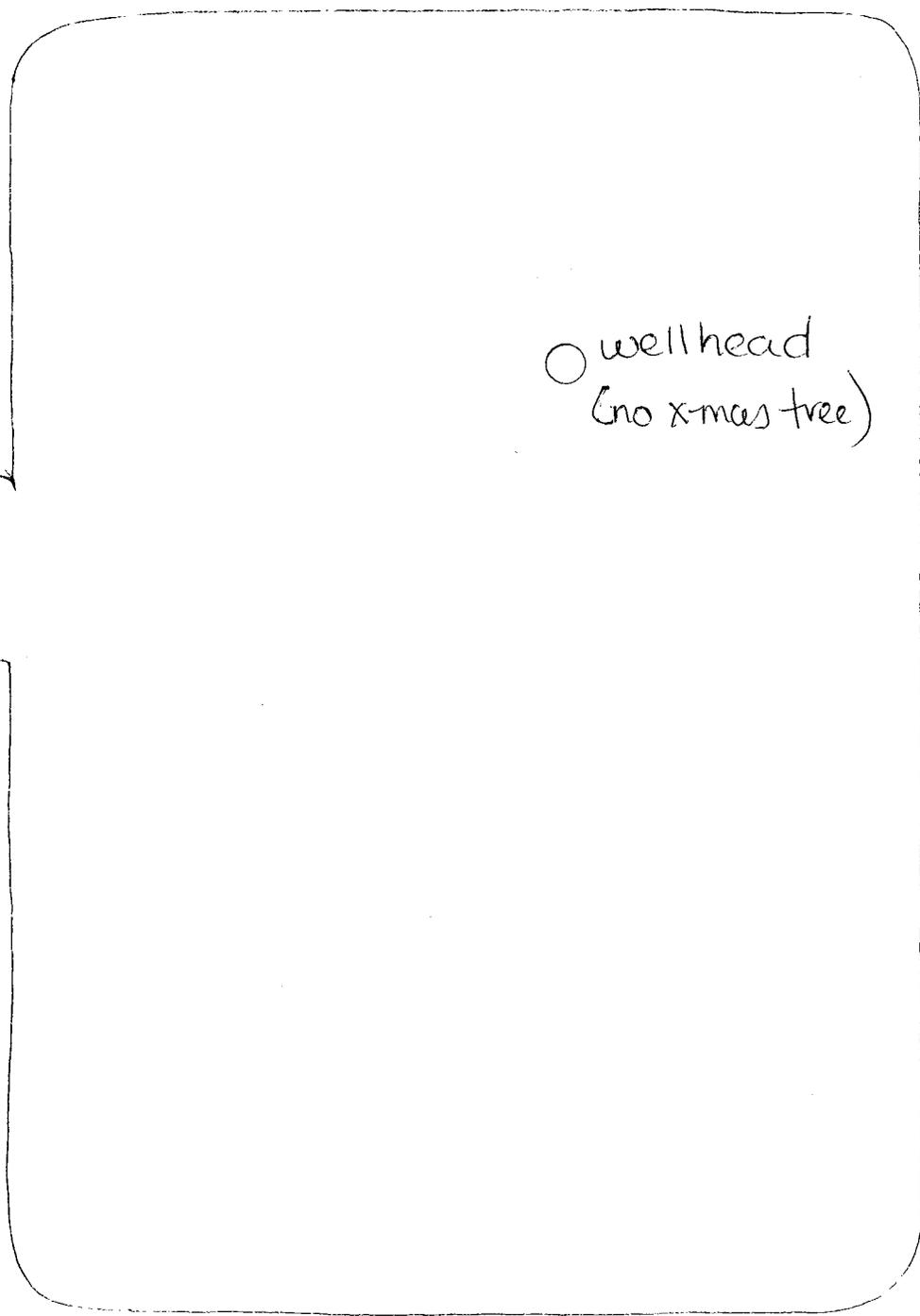
This application is hereby APPROVED, dated January 15, 1988, subject to prior rights and this application will expire on January 15, 1989.


Robert L. Morgan, P.E.
State Engineer

Ad 18-3

Sec 18, T8S, R24E Grubly

3/27/89



○ well head
(no x-mas tree)

ROUTING AND TRANSMITTAL SLIP

Date

1/2/91

TO: (Name, office symbol, room number, building, Agency/Post)

Initials

Date

- 1. *Lisha Romero*
- 2.
- 3.
- 4.
- 5.

Action	File	Note and Return
Approval	For Clearance	Per Conversation
As Requested	For Correction	Prepare Reply
Circulate	For Your Information	See Me
Comment	Investigate	Signature
Coordination	Justify	

REMARKS

Found it. Hope these are what you need.

RECEIVED
JAN 04 1991

DIVISION OF
OIL, GAS & MINING

DO NOT use this form as a RECORD of approvals, concurrences, disposals, clearances, and similar actions

FROM: (Name, org. symbol, Agency/Post) <i>Margie - Vernal BLM</i>	Room No.—Bldg.
	Phone No.

RECEIVED
JAN 04 1991

ABANDONED WELL CHECKLIST

BLM
C. ...

Operator Edwards and Harding
Township 8S Range 24E Meridian S&B&M Section 18
Well Name and No. Federal 18-3 Lease No. U-61409

Surface Management Agency BLM

Date Well Was Plugged Not Plugged Notification Rec'd _____

.....43-047-31831.....

Dry Hole Marker Installed NO

Surface Facilities and Waste Material Removed YES

Location Reshaped and Topsoil Spread YES

Seeding Completed and Evidence Reseeding Has Taken Place YES

Vegetation Re-established NO

Surface Rehabilitation Acceptable YES

Surface Rehabilitation Unacceptable -

Recommendations:

Since BLM has accepted the responsibility on this well and will be developing this well for livestock and wild life water, we won't require that the site be revegetated prior to releasing the bond.

Rehabilitation Satisfactorily Completed YES

Paul M. ...
Area Manager

11/20/88
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
EDWARDS + HARDING PETROLEUM CO.

3. ADDRESS OF OPERATOR
12680 SOUTH 900 EAST DRAPER, UT 84020

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
816' FNL 1874' FWL NENW

14. PERMIT NO. 43-047-31831 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR 5162

5. LEASE DESIGNATION AND SERIAL NO.
61409

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
JAN 04 1989

8. FARM OR LEASE NAME

9. WELL NO.
FEDERAL #18-3

10. FIELD AND POOL, OR WILDCAT
WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
18/85/24E

12. COUNTY OR PARISH 13. STATE
LINTAH UTAH

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

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

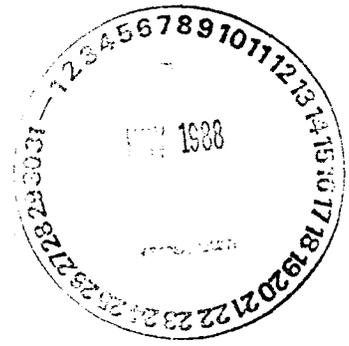
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WELL SITE HAS BEEN RECLAIMED AND RESEEDED
NOTIFICATION OF FINAL ABANDONMENT AND REQUEST
FOR RELEASE OF BOND.

VERNAL DIST.
ENGR. 8/11-16-78
GEOLOGIST _____
E.S. _____
PET. _____
A.M. Amc

Effective Date



18. I hereby certify that the foregoing is true and correct
SIGNED Karen Edwards TITLE V. President DATE 11/4/88

(This space for Federal or State office use)

APPROVED BY Paul M. ... TITLE Area Manager DATE 11/2/88
CONDITIONS OF APPROVAL, IF ANY:

Surface rehabilitation
is satisfactory.
*See Instructions on Reverse Side

SURFACE REHABILITATION INSPECTION

Automated Inspection Records System

Well Processing Screen

=====
Lease No: U-61409

Operator: Edwards and Harding

Well Number: 18-3

NE/ NW, Section 18, T 8S, R 24E

Inspector: Byron Tolman

Date Inspected: 11-17-88

=====
Remarks: Location has been rehabilitated
and reseeded. BLM has excepted
the responsibility for this well and
will be developing it for livestock and
wildlife water this spring.

=====

AIRS _____

Date _____

EDWARDS & HARDING PETROLEUM COMPANY

12680 SOUTH 900 EAST
DRAPER, UTAH 84020
(801) 572-3414

EHPC

November 7, 1988

Mr. Byron Tolman
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Dear Mr. Tolman:

Enclosed is the sundry notice for final abandonment of the Federal #18-3. I spoke with Irene Anderson who is handling our bonding at the Salt Lake City BLM today. She said that she sent out the papers requesting release on the bond on Wednesday, November 2nd, so you should have them any day now.

Thank you again for your assistance.

Sincerely,

Karen Edwards

Karen Edwards



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE
(Other instructions
verse side)

Form approved,
Budget Bur. No. 1004-0135
Expires Aug. 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.
LI-61409

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
JAN 04 1991

9. WELL NO. DIVISION OF
OIL & GAS FEDERAL #18103

10. FIELD AND POOL, OR WILDCAT
WILDCAT

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA
18/85/24E

12. COUNTY OR PARISH 13. STATE
UINTAH UTAH

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
EDWARDS + HARDING PETROLEUM COMPANY

3. ADDRESS OF OPERATOR
12680 SOUTH 900 EAST DRAPER, UT 84020

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
816' FNL 1874' FWL NENW

14. PERMIT NO.
43-047-31831

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR 5162

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

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WELL WAS RELEASED TO VERNAL BLM AS A WATER WELL ON MARCH 31, 1988. OPERATOR WISHES TO CLEAN UP, RE-SEED, AND RECLAIM LOCATION WITHIN NEXT 30 DAYS FOR FINAL RELEASE OF RESPONSIBILITY.

VERNAL DIST.
ENG. _____
GEO. _____
ES. BXT 9-23-88
PET. _____
A.M. _____



18. I hereby certify that the foregoing is true and correct
SIGNED Karen Edwards TITLE VICE PRESIDENT DATE 9/15/88

(This space for Federal or State office use)

APPROVED BY Paul M. Ash TITLE Area Manager DATE 9/22/88
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

BLM
09-88-19-A



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 SOUTH 500 EAST
VERNAL, UTAH 84078



IN REPLY REFER TO:
31625
UT08581

September 22, 1988

Karen Edwards
Edwards and Hardings Petroleum Co.
12680 South 900 East
Draper, UT 84020

Re: Reclamation of Wells
18-3, Sec. 18, T8S, R24E
13-1, Sec. 13, T8S, R23E
Uintah County, Utah

Dear Mrs. Edwards:

Upon receiving your request to complete reclamation on the above mentioned wells, a surface inspection was made on September 19, 1988. This inspection revealed that the following things should be completed:

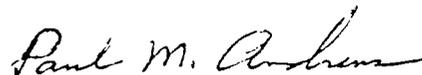
1. Fences around reserve pits at both locations should be removed and the pits reclaimed.
2. Reclaim the flare pits at both locations.
3. Remove all barrels, pipe, and trash from both locations not necessary for production.
4. Well 18-3: Remove the well sign, replace the topsoil, rip the site, and seed with the following seed mixture:

<u>Species</u>	<u>lbs/acre</u>
Ephriam Crested Wheatgrass	5
Tall Wheatgrass	4
4-Wing Saltbush	2
Yellow Sweet Clover	1
Total	<u>12 lbs/acre</u>

5. Well 13-1: Remove the weeds from the location and access road. Reseed any of the disturbed areas not needed for the production of this well. Use the same seed mix already identified.
6. Use a seed drill on the reclamation for both locations if possible. If seed is broadcast, you will be required to double the amount of seed. If seed is broadcast, an effort must be made to cover the seed by dragging a harrow, chain, etc., over the area to help cover the seed.

You have the right to request a State Director review of this decision per 43 CFR 3165.3. This request must be filed within 20 working days of receipt of this decision with the appropriate State Director. The State director review decision may be appealed to the Office of Hearings and Appeals, Washington, DC (see 43 CFR 3165.4). Contact Byron Tolman or Jim Piani at the Bureau of Land Management Office listed above for further information at (801) 789-1362.

Sincerely,

A handwritten signature in cursive script that reads "Paul M. Andrews".

Paul M. Andrews
Area Manager
Book Cliffs Resource Area

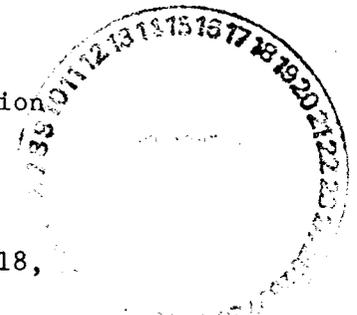
WATER WELL RELEASE

Instruction: District Manager prepares five copies. File original in District file. Submit one copy each to lessee and/or operator, surface owner, and State Office. Lease Number U-61409

Edwards and Harding Petroleum Co., hereinafter called operator and Edwards and Harding Petroleum Co., hereinafter called lessee, do enter into an agreement by and between the United States of America, through the Bureau of Land Management, hereinafter called the Bureau, for release of water well no longer needed by lessee or operator.

Said water well was

- drilled expressly for water to be used in drilling operation
- discovered in the course of drilling for oil and gas
- discovered by seismograph operators
- other



Said water well is located in 816' FNL 1,874' FWL (NE $\frac{1}{4}$ NW $\frac{1}{4}$) Section 18, T.8S., R.24E. SLB&M in the State of Utah.

The Bureau, acting through the Secretary of the Interior, agrees to assume control and responsibility of water well, with condition that subsequent use will not restrict operations of lessee and operator and thereby relieves lessee and operator of any further liability for plugging water well.

The lessee and the operator agree to quitclaim all rights to water well to the Bureau in lieu of plugging water well to surface.

It is further agreed by the undersigned that the owners of record title to the above oil and gas lease and the operator for lessee Edwards and Harding Petroleum Co. and well number 18-3, with surety bonds are relieved from liability in connection with water well, effective the date this instrument is signed, for extend of liability for satisfactorily plugging of water well to the surface.

IN WITNESS WHEREOF, the undersigned hereto have executed this instrument

By M. C. Edwards
(signature)

For Lessee
Edwards and Harding Petroluem X 3/31/88
(date)

By M. C. Edwards
(signature)

For Operator
Edwards and Harding Petroluem X 3/31/88
(date)

EXECUTED AND ACCEPTED BY
BUREAU OF LAND MANAGEMENT

Authorized Officer
[Signature]
(signature)

4-13-88
(date)

ROUTING AND TRANSMITTAL SLIP

Date

3/27/91

TO: (Name, office symbol, room number, building, Agency/Post)	Initials	Date
1. <i>Lisha Romero</i>		
2.		
3.		
4.		
5.		

Action	File	Note and Return
Approval	For Clearance	Per Conversation
As Requested	For Correction	Prepare Reply
Circulate	For Your Information	See Me
Comment	Investigate	Signature
Coordination	Justify	

REMARKS

RECEIVED

APR 0 1 1991

DIVISION OF
OIL GAS & MINING

DO NOT use this form as a RECORD of approvals, concurrences, disposals, clearances, and similar actions

FROM: (Name, org. symbol, Agency/Post)	Room No.—Bldg.
<i>Margie Eernal BLM</i>	Phone No.

No logs submitted to BLM office 3/27/91

APPROVAL TO PLUG AND ABANDON WELL - CASED HOLE

Operator EDWARDS & HARDING PETROLEUM Co. Representative CURLEE GRIMLEY

Phone 789-4200 UNIT 9533

Well Number 18-3

Location: NE 1/4 NW 1/4 Section 18 Township 8S Range 24E
UINTAH County, Utah Lease No. U-61409

Field/CA/Unit Name _____

Formation	Top	Base	Shows
<u>UINTA</u>	<u>SURFACE</u>	-----	-----
<u>"A" MKR</u>	<u>815'</u>	-----	-----
<u>"B" MKR</u>	<u>1015'</u>	-----	-----
<u>"C" MKR</u>	<u>1215'</u>	-----	-----
<u>GREEN RIVER</u>	<u>1515'</u>	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----

Oil Shale/Tar Sand Show _____ Yes X No

Depth (if not shown above) _____

T.D. 1382' P.B.D. _____ Cubic Ft./Sack Cement _____

Casing Size	Set At	Top of Cement	To be Pulled
<u>7", 20#</u>	<u>300'</u>	<u>SURFACE</u>	-----
<u>4 1/2", 11.6#</u>	<u>1343'</u>	<u>SURFACE</u>	-----
-----	-----	-----	-----
-----	-----	-----	-----

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File _____

(Location) Sec ___ Twp ___ Rng ___
(API No.) _____

Suspense
(Return Date) _____
(To - Initials) _____

Other
OPERATOR CHANGE
FILE _____

1. Date of Phone Call: 1-2-91 Time: 9:40

2. DOGM Employee (name) L. ROMERO (Initiated Call
Talked to:

Name KAREN EDWARDS (Initiated Call - Phone No. (703) 676-2380
of (Company/Orga CO. (N5675)

3. Topic of Conversa Ada
(DONATED T No WCR or Logs.

(per Btm - Vernal)
Lisha

F OPERATOR DOCUMENTATION.
13-047-31831 / Federal 18-3

4. Highlights of Con Lisha
DOCUMENTATION

CR & OPERATOR CHANGE
DOCUMENTATION ASAP.

**

(received from)
* The Btm did not require a WCR, file was turned over to
Wildlife Resources. (No logs were submitted)

* Bill Stroh - Wildlife Specialist

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File _____

(Location) Sec ___ Twp ___ Rng ___
(API No.) _____

Suspense
(Return Date) _____
(To - Initials) _____

Other
OPERATOR CHANGE
FILE _____

1. Date of Phone Call: 1-2-91 Time: 9:40

2. DOGM Employee (name) L. ROMERO (Initiated Call
Talked to:

Name KAREN EDWARDS (Initiated Call - Phone No. (703) 676-2380
of (Company/Organization) EDWARDS & HARDING PETRO. CO. (N5675)

3. Topic of Conversation: REQUEST FOR WCR AND CHANGE OF OPERATOR DOCUMENTATION.
(DONATED TO THE BLM/VERNAL AS A WSW IN 1988) 43-047-31831 / Federal 18-3

4. Highlights of Conversation: MS. EDWARDS WILL SEND WCR & OPERATOR CHANGE
DOCUMENTATION ASAP.

**BLM/VERNAL - MARGIE HERMAN WILL MAIL DOCUMENTATION ASAP.

(Received 1-4-91)fp

* The BLM did not require a WCR, file was turned over to
Wildlife Resources. (No logs were submitted)

* Bill Stroh - Wildlife Specialist