

Entered in MID File
Location Map Pinned
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Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Location Trac
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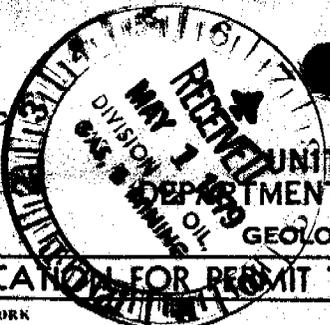
HW..... US..... EA.....

State

LOGS FILED

Dittler's Log.....
Electric Logs (No.)
R..... I..... Dual I Lat..... GR-N..... Micro.....
BNC Sonic GR..... Lat..... MI-L..... Sonic..
CBLog..... CLog..... Others.....

DME
12/31/90



SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

State

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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
 Fossil Petroleum Corp.

3. ADDRESS OF OPERATOR
 (75206)
 Suite 2160M, 8350 N. Central Expwy., Dallas, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface
 SE. NW. Sec. 4, T 20S, R 7E., S.L.M.
 At proposed prod. zone (1980' fr. N-line and 1980' fr. W-line)

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 1 mile NW. of Ferron, 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
 400'

17. NO. OF ACRES ASSIGNED TO THIS WELL
 160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 3/4 mile

19. PROPOSED DEPTH
 2150'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6117' grd.; 6127' K.B.

22. APPROX. DATE WORK WILL START*
 June 15, 1979

5. LEASE DESIGNATION AND SERIAL NO.
 U-8808

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Federal

9. WELL NO.
 Fed. #4-1

10. FIELD AND POOL, OR WILDCAT
 Ferron

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 SE. NW. Sec. 4-20S-7E. S.L.M.

12. COUNTY OR PARISH
 Emery

13. STATE
 Utah

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14 1/2"	10 3/4"	40.50#	150'	75 sks.
6 1/2"	4 1/2"	10.5#	Set thru pay zone.	

It is planned to drill a well at the above location to test the natural gas production potential of the Ferron sandstone in the Mancos formation. The well will be drilled to a depth sufficient to penetrate the Ferron sandstone. The well will be drilled with rotary tools using air for circulation. The surface casing (10 3/4") will be set at about 150' K.B. and cemented with returns to the surface. A blowout preventer and rotating head will be attached to the surface casing and the B.O.P. will be tested to 1000# prior to drilling out the cement plug in the surface casing. Fill and kill lines will be connected to the well head below the blind rams of the B.O.P. Any gas encountered will be flared at the end of the blowout line, and roughly checked for volume thru a 2" line after the pipe rams have been closed. A float valve will be used in the bottom drill collar at all times. A prognosis of the well is attached.

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 William B. Mast TITLE Receiver DATE April 20, 1979

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
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 SINGLE ZONE MULTIPLE ZONE

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17. NO. OF ACRES ASSIGNED TO THIS WELL 160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3/4 mile

19. PROPOSED DEPTH 2150'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6117' grd.; 6127' K.B.

22. APPROX. DATE WORK WILL START*
 June 15, 1979

23. PROPOSED CASING AND CEMENTING PROGRAM

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It is planned to drill a well at the above location to test the natural gas production potential of the Ferron sandstone in the Mancos formation. The well will be drilled to a depth sufficient to penetrate the Ferron sandstone. The well will be drilled with rotary tools using air for circulation. The surface casing (10 3/4") will be set at about 150' K.B. and cemented with returns to the surface. A blowout preventer and rotating head will be attached to the surface casing and the B.O.P. will be tested to 1000# prior to drilling out the cement plug in the surface casing. Fill and kill lines will be connected to the well head below the blind rams of the B.O.P. Any gas encountered will be flared at the end of the blowline, and roughly checked for volume thru a 2" line after the pipe rams have been closed. A float valve will be used in the bottom drill collar at all times. A prognosis of the well is attached.

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 William B. Mast TITLE Receiver DATE April 20, 1979

(This space for Federal or State office use)

PERMIT NO. W. B. Mast APPROVAL DATE JUN 29 1979
 CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY
 NOTICE OF APPROVAL DATE JUN 29 1979
 CONDITIONS OF APPROVAL, IF ANY:

ACTING DISTRICT ENGINEER

NECESSARY FLARING OF GAS DURING DRILLING AND COMPLETION APPROVED
 SUBJECT TO ROYALTY (NTL-4)

*See Instructions On Reverse Side

State O&G

T. 20 S.

T. 21 S.

1820 000
YARDS

39° 00'

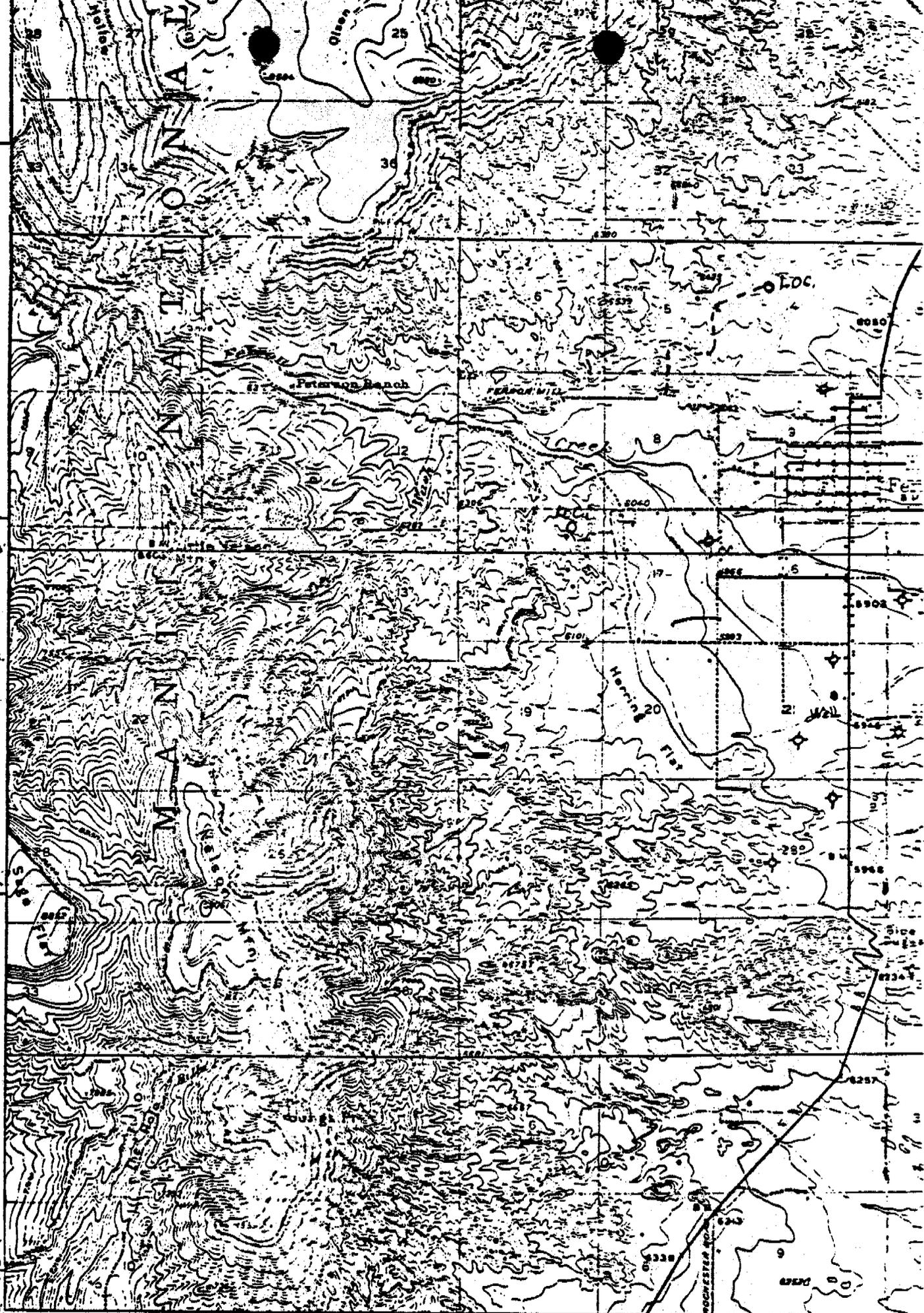
R. 6 E.

1170 000 YARDS

EMERY 10 MI.
LOS ANGELES 525 MI.

R. 7 E.

Scale 625



Topography by W.B. Upton, Jr. and E.B. Hill.
 Surveyed in 1922-1923.

MAP No. 1

and labels

PROGNOSIS FOR
FOSSIL PETROLEUM CORP.
FEDERAL #4-1 WELL
EMERY COUNTY, UTAH

Location: SE. NW. Section 4, T 20S, R 7E, S.L.M., Emery County
Utah (1980' from N-line and 1980' from W-line)

Elevations: 5117' grd; 6127' K.B.

Surface Casing: 150 ft. of 10 3/4", 40.50#, H-40, R-3 casing set
and cemented with 75 sks of cement w/3% CaCl, with
returns to surface. The surface hole, 13 5/8" or 14 1/2",
will be drilled to 160' K.B. and will be less than 1 1/2°
deviation.

Expected Formation Tops:

<u>Formation</u>	<u>Depth to Top</u>	<u>Thickness</u>	<u>Datum</u>
Mancos	Surface	1727'	5127' K.B.
Ferron *	1727'	350'	4400'
Tununk	2077'	—	4050'
Total Depth	2150'		

* Formations with potential productive zones

1. It is planned to drill a well to test the Ferron section of the Mancos formation for potential gas production initially; but the well will be deepened to the Kaibab-Coconino formations at some later date after the gas production ceases (if any). Therefore, large surface casing is being set. The surface hole, 13 5/8" or 14 1/2", will be drilled to a depth of 160' K.B. and kept below a deviation of less than 1 1/2°. About 150' of 10 3/4", 40.5#, H-40, R-3 casing will be set and cemented with 75 sks of cement with 3% CaCl with returns to the surface. A casing head or flange will be mounted on top of the surface casing and a blowout preventer with hydraulically operated blind and pipe rams will be mounted on top of the casing head or flange. A rotating head will be mounted on top of the blowout preventer. The B.O.P. will be tested to 2000# p.s.i. as soon as the cement and plug in the surface casing have been drilled out. A blewie line, at least 125' long, will be attached to the rotating head and extended so

that the discharge end is directed downward into the reserve pit; but there will be no bends or restrictions in this blewie line, because of safety reasons.

2. A 6½" hole will then be drilled below the surface casing, using air for circulation. Deviation surveys will be taken every 400 feet or less and the deviation will be held below 4°. A flare will be maintained at the end of the blewie line at all times while drilling below 750'. This will insure that no gas will be missed. The air drilling will also minimize the damage to the hydrocarbon reservoir.
3. Samples of the cuttings will begin at 800'. 30-ft. samples will be taken from 800' to 1610' and then 10-ft. samples will be taken from 1610' to total depth.
4. It is planned to drill the well to a depth which is approximately 100 feet below the base of the Ferron member. This should be about 2150'. If a large flow of gas is obtained in the upper portion of the Ferron, the well may be discontinued at that point.
5. If a reasonable flow of gas (250 MCF or more) is obtained, 4½" casing with a blank shoe will be run thru a stripper rubber or the rotating head to total depth and set on bottom, and set in slips and packed off at the surface. Then tubing and a tubing head will then be installed and the well perforated with a tubing gun opposite the pay section, thus completing the well. This will allow pulling the casing and deepening the well at a later date. In the event the well is dry, electric logs will be run. Prior to running logs, high viscosity (not less than 125 Vis.) and low water loss (8 cc. or less) will be pumped into the hole to provide a conductive medium for the logs. A dual-induction-laterolog will be run from the bottom to the top of the hole, and a gamma-density-CNL log will be run from the bottom to a point which is 100 feet above the top of the Ferron member. If a dry hole, the well will be plugged according to regulations.
6. If good production is obtained (250 MCF or more) 4½", 10.5#, H-40, R-3 casing will be run in the manner described above and set on bottom; and the well will be completed as noted above.
7. It is anticipated that the drilling and completing of the well will require approximately ten days.

W. Don Quigley
W. Don Quigley
Consulting Geologist
Salt Lake City, Utah

NTL - 6 PLAN REPORT

For

Well Name: Fossil Petroleum Corp.-Federal #4-1 WellLocation: SE. NW. Sec. 4, T 20S, R 7E, S.L.M., Emery County, Utah1. Existing Roads: (See attached Maps)A. Well Location: (See Plat #1)Reference Stakes: 150' N-S-E-WPerimeter Stakes: Above stakes outline maximum perimeter of well pad.B. Route and Distance to Well Site From Reference Point: (See att. maps)Approx. 1 mile NW. of Ferron, Utah. Go north on 8th west road to end of road, then west on Ferron Ck. road for ½ mile and then north on gravel pit road and trail for about 1½ miles to the location.C. Access Roads (Identify secondary roads to be used): (See att. maps)The 8th west road and Ferron Ck road are hard surfaced. The gravel pit road to the north is unimproved but is on gravel surface for the first ½ mile and then on natural Mancos soil of silt and gravel and shale for last 1 mile. The last 1½ miles of road are unimproved, unditched, about 10 ft. wide, and rough over shallow washes.D. Roads Within 3 mile Radius: (See att. maps) Ferron City roads are mostly gravel as are the main roads. The secondary roads are normally unimproved and rough. There are many trails in the area which are not used very much. These are unimproved and mostly wheel tracks across rough terrain. There are a few seis trails.Surface type and conditions: Most of the unimproved roads are on normal Mancos surface of silt, sand, gravel, and shale with no improvements. They are not used in bad weather.E. Roads Within 1 mile Radius: (See att. maps) See 1-D Above.Narrow trails which are not improved, approximately 10 ft. wide, unditched, and uncrowned and rough over washes. There is a bridge over an irrigation ditch which may need reinforcement.F. Plans for Road Improvement & Maintenance: The access roads will be widened to a maximum disturbed width of 20 feet. They will be crowned and ditched adequately. The bridge over the irrigation ditch

F. will be reinforced or by-passed. The portions over the shallow washes will be cut slightly to the bottom of the wash.

2. Planned Access Roads: (See att. maps) A new road, about 200 ft. in length will be dozed from the present road to the location.

(1) Width: 20 feet maximum

(2) Maximum Grades: 4%

(3) Turnouts: None

(4) Drainage Design: None

(5) Location and Size of Culverts, Cuts, and Fills: None

(6) Surfacing Material: No new material. Natural surface material of gravel and shale will be used.

(7) Gates, Cattleguards, or Fence Cuts: No additional ones required.

(8) All new roads have been flagged as required.

3. Location of Existing Wells: (See Map No. 1)

(1) Water Wells: None

(2) Abandoned Wells: 5 or 6 shallow wells and one deep well

(3) Temporarily Abandoned Wells: None

(4) Disposal Wells: None

(5) Drilling Wells: None

(6) Producing Wells: Three

(7) Shut-in Wells: Two

(8) Injection Wells: None

(9) Monitoring or Observation Wells: None

4. Location of Existing and/or Proposed Facilities:

A. Within 1-mile radius of location show the following existing facilities owned or controlled by lessee/operator:

(1): Tank Batteries: (Size) None

(2) Production Facilities: None

(3) Oil gathering lines: None

(4) Gas gathering lines: None

(5) Injection lines: None

(6) Disposal lines: None

(7) Are lines buried? _____

B. If new facilities are contemplated, in the event of production, show: (These facilities depend on the outcome of the proposed well and are really unknown at this time.) Show a general proposed plan. (See Plat No. 2)

(1) Are any facilities planned off well pad? None at the present time. In the event of gas production, a gas gathering line (3") may be laid and buried to the main Mt. Fuel gas line in the area; but this will be covered by a separate proposal and plat at a later date, accompanied with maps, surveys, etc.

(2) Give dimensions of facilities: See Plat #2

(3) Construction methods and materials: Location will be levelled for production equipment. Tank batteries, if used, will be placed on a 3" thick gravel pad and surrounded with an 18" high dike placed 15' from the tanks. Separators and heater-treaters will be placed on gravel or cement bases. Pump jacks will be on cement platforms or on raised dirt and gravel mounds. All pipe lines on the pad will be buried.

(4) Protective measures for livestock and wildlife: All open pits will be fenced with barbed wire, and pump jacks or rotating machinery will have guards to prevent danger by moving parts.

C. Plan for rehabilitation of disturbed areas no longer needed after drilling operations are completed: Well site will be cleaned, levelled, and graded for production equipment; pits folded-in or

C. fenced with barbed wire if full of fluid. This will be done within 30 days after well is completed, and before rig is moved. While production ensues, previous areas of well pad not needed for production operations will be restored as in item 10 below.

5. Location & Type of Water Supply: (See att. maps)

A. Type of Water Supply: From Ferron Creek or irrigation ditch (See Map #1).

B. Method of Transporting Water: Water will be hauled to the location by truck from the creek or irrigation ditch. This will be about 1½ miles.

C. Is Water Well Planned? No
If so, describe location, depth and formation: _____

6. Source of Construction Materials:

A. See attached map and describe: None will be required.

B. Identify if Federal, Indian, or Fee Land: _____

C. Describe Material: (Where from and how used) _____

D. See item 1-C and 2 above.

7. Waste Disposal:

(1) Cuttings: Will be deposited into reserve pit (See Plat #3)

(2) Drilling Fluids: In mud tanks; excess in reserve pit.

(3) Producing Fluids (oil or water) Oil in tanks; water in reserve pit.

(4) Human Waste: Toilet with pit (4' deep) with lime for odor and sanitation control. Will be covered with at least 3' of soil at end of operation.

(prior to start of drilling)

(5) Garbage & Other Waste: (Burn pit will be adequately fenced with chicken wire to prevent scattering of debris by wind) Into burn pit (4' X 6' X 6' deep) See Plat #3.

(6) Clean-up: (See item 10 below) All debris and unused material will be removed from location as soon as well is finished. The unburned garbage and small debris will be covered over in the burn pit by at least 3' of cover. The unused material and all equipment will be transported to supply yards or to the next location as soon as the operations are finished.

8. Airstrips and/or Camp Sites (Describe): None required

9. Well Site Layout: (See Plat No. 3)

(1) Describe cuts or fills: The well site is on fairly level ground and no major cuts or fills will be required. The surface will be levelled and the top soil (12") will be piled at the east end of the location.

(2) Describe pits, living facilities, soil stockpiles: Reserve pit will be long and narrow (100' X 20') and about 4 ft. deep. Excavated material will be piled at the N. end of the pit. The burn pit will be 4'X6'X6' deep and fenced with chicken wire. The top soil will be piled at the E. end of the site. Two or three trailer houses will be used for supervisory personnel.

(3) Rig Orientation, Pipe rack, Access Road Entrance, etc.: (See Plat #3)

(4) Are Pits Lined? No

10. Plans For Restoration:

A. If Well is completed: Site will be cleaned, debris and excess equipment and material removed, pits folded-in and covered or fenced if full of fluid which when dried will be covered. The site will be levelled for production equipment. All unused portions will be contoured, graded, scarred, and seeded with a native seed mix.

B. If Well is abandoned:

(1) Clean-up, levelling, folding pits-in, contouring: This work will be accomplished as soon as possible (within 30 days after rig is removed). The unburned garbage and small debris will be buried in

B. (1) the burn pit. The reserve pit will be folded-in and levelled or fenced if full of fluid and then covered over when dry. Equipment and material will be removed to supply yards or to the next location.

(2) Seeding location and access road: The location and short (200') access road will be scarred and seeded with a native seed mix and covered over with a spike-toothed drag or chain.

(3) Will pits be fenced or covered? Folded-in and covered since little fluid is expected to be left in reserve pit.

(4) Is there any oil in reserve pit? None expected.

If so, describe disposal: The small amount from rig use will be covered over.

(5) When will restoration work be done? As soon as possible (within a maximum of 60 days) after equipment is removed if weather and availability of equipment permit. The work will be completed within 10 days thereafter.

11. Description of Land Surface:

(1) Topography & Surface Vegetation: The surface of the site is a gentle slope with gentle and irregular humps which can easily be smoothed out. Sage brush, shad scale and some grass cover the site.

(2) Other Surface Activities & Ownership: There are no buildings, irrigation ditches, powerlines, telephone lines near the site. A fence line is 560' S. of the location. The minerals are owned by the public and Fossil Petroleum Corp. has an Oil & Gas Lse. on the NW $\frac{1}{4}$ of Sec. 4. Ranching and grazing are active about $\frac{1}{2}$ mile from the site.

(3) Describe other dwellings, archaeological, historical, or cultural sites: There are no known dwellings, archaeological, historical, or cultural sites within $\frac{1}{2}$ mile radius of the site. Ranching and cattle grazing activities are current in the area about $\frac{1}{2}$ mile from the site. An archaeological report of the site will be provided in the near future, if required.

12. Operators Representative: (Address & Phone number)

M. Darwin Quigley, Fossil Petroleum Corp., 8350 N. Central Expressway, Dallas, Texas 75206 (214-363-9340)

13. Certification:

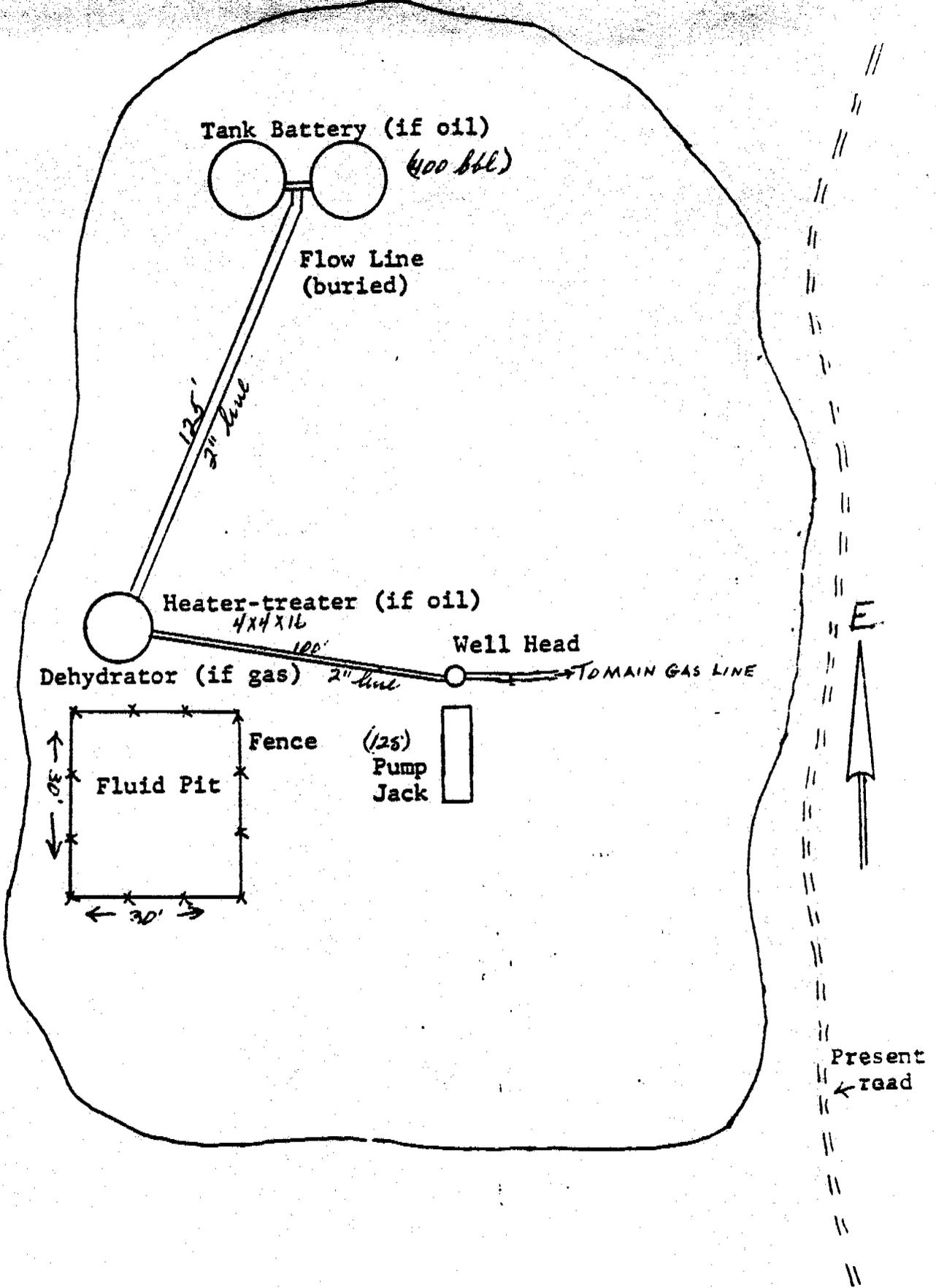
I hereby certify that I, or persons under my direct supervision, have inspected the drill site and access route; that I am familiar with the conditions which presently exist; that statements made in this plan are, to the best of my knowledge, true and correct; and that work associated with the operations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

Date: April 23, 1979

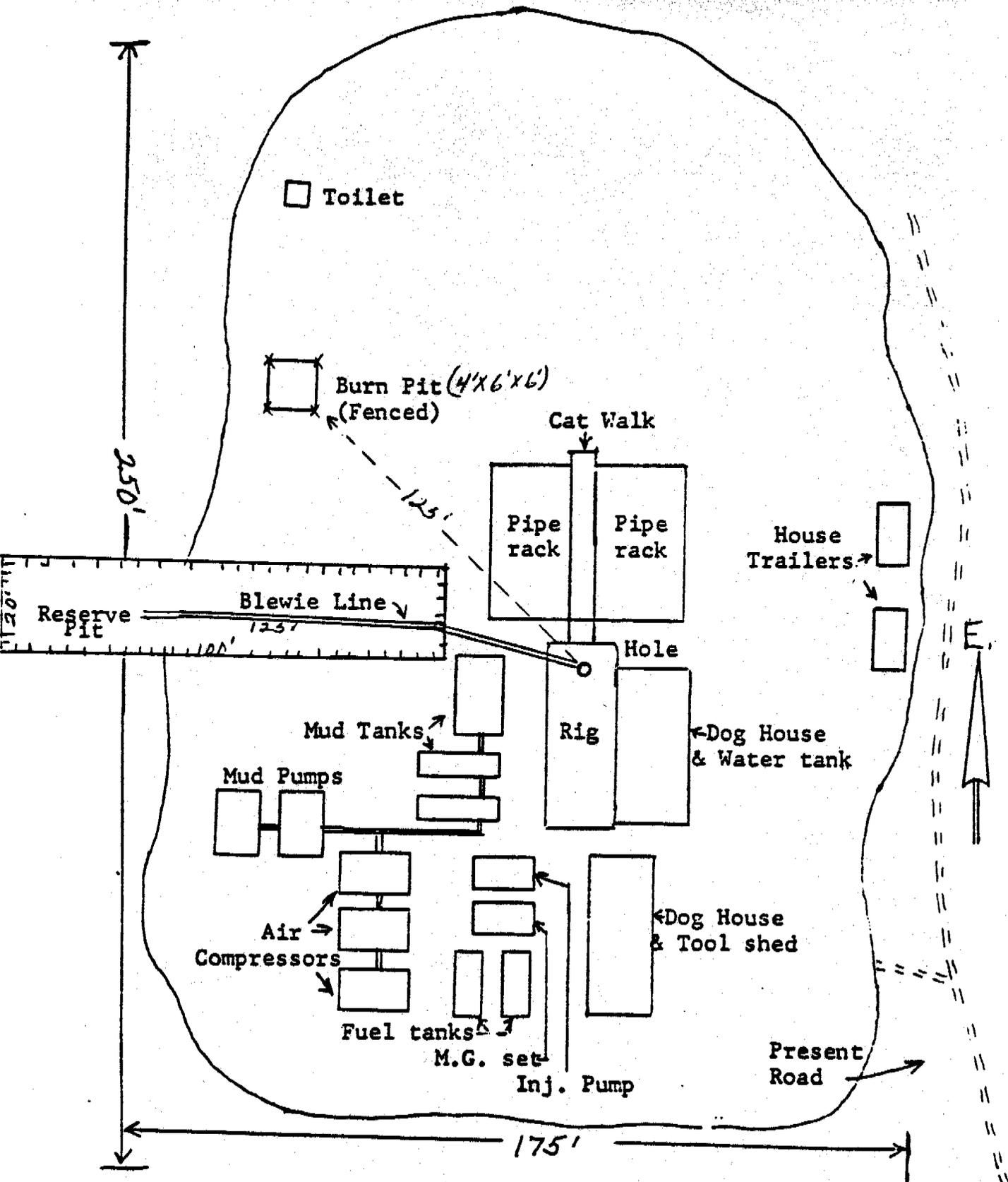
Name: H. Row Gingley

Title: Consulting Geologist

PLAN FOR PRODUCTION EQUIPMENT
FOSSIL PETROLEUM CORP.
FEDERAL #4-1 WELL
SE. NW. SEC. 4-20S-7E.



LOCATION PLAN FOR
 FOSSIL PETROLEUM CORP.
 FEDERAL #4-1 WELL
 SE. NW. SEC. 4-20S-7E.



Scale: 1 in. = approx. 30 ft.

PLAT #3

WELL CONTROL EQUIPMENT FOR
FOSSIL PETROLEUM CORP.
FEDERAL #4-1 WELL
SE. NW. SEC. 4-20S-7E.
EMERY COUNTY, UTAH

The following control equipment is planned for the above designated well: (See attached diagram)

1. Surface Casing:

- A. Hole size for surface casing is 13 5/8".
- B. Setting depth for surface casing is approx. 150 ft.
- C. Casing specs. are: 10 3/4" O.D., H-40, 40.50#, 8 rd. thread, R-3 new or used.
- D. Anticipated pressure at setting depth is approx. 20 lbs.
- E. Casing will be run using three centralizers and a guide shoe, and will be cemented with 100 sks of cement with returns to the surface.
- F. Top of the casing will be near ground level.

2. Casing Head:

Flange size: 10", A.P.I. Pressure rating: 2000# W.P., Series 600; Cameron, OCT, or equivalent; new or used; equipped w/two 2" ports with nipples and 2", 2000# W.P. ball or plug valves. Casing head and valves set above ground level. (A flange only may be used on top of the casing, if the B.O.P. is equipped with 2" outlets below the blind rams.)

3. Intermediate Casing:

None

4. Blowout Preventors:

- A. Double rams; hydraulic; one set of blind rams; one set of rams for 3 1/2" or 4" drill pipe; 10" flange; 2000# or greater W.P.; Series 900; equipped with mechanical wheels and rod for back-up; set on top of casing head flange and securely bolted down, and pressure tested for leaks up to 2000# p.s.i. A hydraulically operated hy-drill may be used in place of the above B.O.P., if equipped with 2" outlets below the rams.
- B. Rotating Head: Shaffer, Grants or equivalent; set on top of blowout preventor and bolted securely; complete with kelly drive, pressure lubricator; 3 1/2" or 4" rubber for 2000# W.P.;

need not have hydril assembly on bottom, if a separate hydril or B.O.P. is used.

C. Fill and Kill Lines: The fill and kill lines (2" tubing or heavy duty line pipe) are to be connected thru the 2" valves on the casing head and thru a manifold to permit ready switching from the fill to kill lines.

5. Auxillary Equipment:

A float valve is to be used in the bottom drill collar at all times. A safety valve that can be used in the drill pipe will be kept within easy reach on the rig floor at all times.

6. Anticipated Pressures:

The shut-in pressures of the Ferron member of the Mancos formation at depths of 2000' in the area have been measured at about 200# to 500# maximum. No toxic gases are anticipated.

7. Drilling Fluids:

Air will be used to drill the subject well until water is encountered, then air-soap-water mist will be used to drill the well deeper. In case of excessive caving problems, it may be necessary to convert to mud.

8. Production Casing:

A. Hole size for production casing will be 6½".

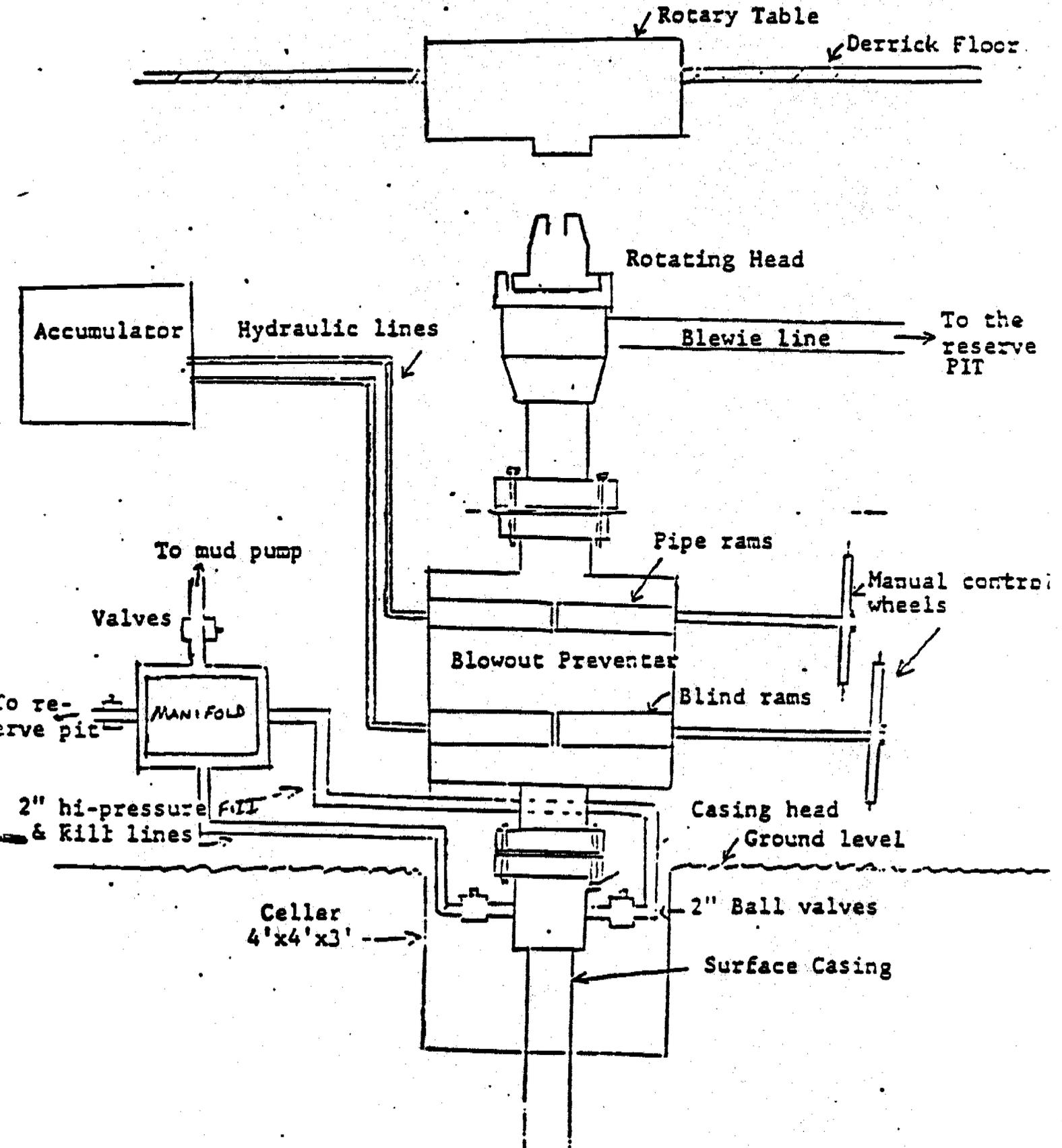
B. Approx. setting depth will be about 2100'.

C. Casing Specs. are: 4½" O.D.; K-55' 10.50#; 8-rd thread; R-3 new.

D. If good production is obtained, the casing will be run with a blank guide shoe at the bottom and about six centralizers. The casing will be landed on the bottom of the hole and set in slips and sealed off at the surface. 2 3/8" O.D. tubing will be run and tied in with a tubing head. The gas zone will then be perforated below the tubing with a tubing gun.

**SCHEMATIC DIAGRAM OF
CONTROL EQUIPMENT FOR THE**

**FOSSIL PETROLEUM CORP.
FEDERAL #4-1 WELL
SE. NW. SEC. 4-20S-7E.
EMERY COUNTY, UTAH**



FROM: : DISTRICT GEOLOGIST [REDACTED], SALT LAKE CITY, UTAH

TO: : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-8808

OPERATOR: Fossil Petroleum Corp.

WELL NO. Fed. #4-1

LOCATION: 1/4 SE 1/4 NW 1/4 sec. 4, T. 20 S., R. 7 E., SIM

Emery County, Utah

1. **Stratigraphy:** Pacific Natural Gas Exploration well # 23-14 M Singleton-Fee (NE SW same section) el. 5815 reported tops as follows:

Surface- Mancos

628- Ferron (gas 696-708)

However, a structure map on the top of the Ferron ss for the Ferron KGS indicates that the Ferron should be at a depth of 1800 to 2000'. If this is the case, the operator projected tops are reasonable.

2. **Fresh Water:** Water in the Mancos shale and Ferron ss likely to be saline. Fresh water should be confined to near surface unconsolidated sediments.

3. **Leasable Minerals:** The area is valuable prospectively for coal. Coal beds likely to occur in the Ferron ss 1700-2100'.

4. **Additional Logs Needed:** The gamma-density-CNL log proposed by the operator should be run through the Ferron ss to help identify any coal beds. Also, the operator should also submit lithologic log prepared from cuttings.

5. **Potential Geologic Hazards:** None anticipated.

6. **References and Remarks:** USGS Files, Salt Lake City, Utah
Within 2 1/2 miles of Ferron KGS.

Signature: James F. Kohler

Date: 05 - 09 - 79

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: May 1, 1979
Operator: Fossil Petroleum Corp.
Well No: Federal 4-1
Location: Sec. 4 T. 20S R. 7E County: Emery

File Prepared: Entered on N.I.D.:
Card Indexed: Completion Sheet:
API Number: 43-015-30063

CHECKED BY:

Administrative Assistant: _____
Remarks:
Petroleum Engineer: M.H. Minder 5-7-79
Remarks:
Director: [Signature]
Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: Survey Plat Required:
Order No. _____ Surface Casing Change
to _____

Rule C-3(c), Topographic exception/company owns or controls acreage
within a 660' radius of proposed site

O.K. Rule C-3 O.K. In _____ Unit

Other:

Letter Written/Approved

1

SCOTT M. MATHESON
Governor



OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

CHARLES R. HENDERSON
Chairman

CLEON B. FEIGHT
Director

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

May 11, 1979

FOSSIL PETROLEUM CORPORATION
SUITE 2160M
8350 N CENTRAL EXPRESSWAY
DALLAS TX 75206

Re: Well No. Federal 4-1, Sec. 4, T. 20S, R. 7E, Emery County, UT

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MENDER - Geological Engineer
HOME: 876-3001
OFFICE: 533-5771

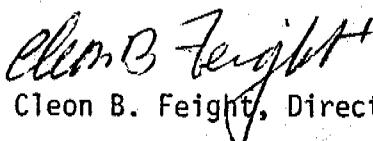
Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operation commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-015-30063.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING


Cleon B. Feight, Director

/lw

cc: U. S. Geological Survey

Enclosure

lease expires 6-30-79

Oil and Gas Drilling

EA No. 326-79

United States Department of the Interior
Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138

Unusual Environmental Analysis

Lease No. U-8808

Operator Fossil Petroleum Corporation

Well No. 4-1

Location 1980' FNL & 1980' FWL SE 1/4 NW 1/4 Sec.4, T20S, R7E

County Emery State Utah Field Ferron

Status: Surface Ownership Public Minerals Federal

Joint Field Inspection Date June 18, 1979

Participants and Organizations:

George Diwachak
Neal Simmons
W. Don Quigley
George Wareham

USGS - SLC
BLM - Price
Operator
Shumway Drilling

Related Environmental Analyses and References:

(1) San Rafael Resource Area, Muddy Planning Unit (07-07), BLM, Price

Analysis Prepared by:

George Diwachak
Environmental Scientist
Salt Lake City, Utah 84138

Date: June 19, 1979

Noted - G. Diwachak

*Change in Access
Pad 175 x 250
Pit 20 x 100
200' new access 20' wide
Stockpile topsail
1 1/2 ac
Mitigations Pg 7
(3)(a)*

Proposed Action:

On 4-30-79, Fossil Petroleum Corp. filed an Application for Permit to Drill the No. 4-1 exploratory well, a 2150-foot gas test of the Ferron sandstone member of the Mancos Formation; located at an elevation of 6117 ft. in the SE 1/4, NW 1/4, Sec. 4-20S-7E on Federal mineral lands and Public surface; Lease No. U-8808. There was no objection raised to the wellsite. Since an objection was raised to the access road, it was changed. See ← attached map for new access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A Blowout Preventer would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface Plan are on file in the U.S.G.S. District Office in Salt Lake City, Utah, and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming. The 13-Point Surface Protection Plan is on file in the District Office in Salt Lake City.

A working agreement has been reached with the Bureau of Land Management. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 175 ft. wide x 250 ft. long and a reserve pit 20 ft. x 100 ft. A new access road would be constructed 20 ft. wide x 200 feet long from an existing trail. The operator proposes to construct production facilities on a disturbed area of the proposed drill pad. If production is established, plans for a gas flow line would be submitted to the appropriate agencies for approval. The anticipated starting date upon approval and duration of drilling activities would be about 5 days.

Location and Natural Setting:

The proposed drillsite is approximately 1 mi. northwest of Ferron, Utah the nearest town. A poor road runs to within 200 ft. of the location. This well is in the Ferron field.

Topography

The site lies in a gently undulating valley with rolling hills, approximately 1 mile east of the eastern flank of the Wasatch Plateau.

Local topography would eliminate the view of the drill pad from the town of Ferron.

Geology

The surface geology is Mancos Formation. The soil is sandy clay. No geologic hazards are known near the drillsite.

Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

A geologic review of the proposed action has been furnished by the Area Geologist, U.S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing, and blowout prevention programs have been reviewed by the Geological Survey Engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay type soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community. The pinon-juniper association is also present at higher elevations.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access roads per the recommendations of the Bureau of Land Management.

Approximately 1.1 acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, and reseeding of slope-cut area would minimize this impact.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases are not anticipated.

Precipitation:

Annual rainfall should range from about 8 to 11 inches at location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 8 inches. Winds are medium and gusty, occurring predominantly from southwest to northeast. Air mass inversions are rare. The climate is semi-arid with abundant sunshine, hot summers and cold winters, with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

Area drainage is through intermittent washes and irrigation canals toward Ferron Creek a tributary of the San Rafael River.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface-water systems. There is no variance to leaks or spills for this operation.

Ground Water Hydrology:

Some minor pollution of ground-water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination, and commingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basis information as all shows of fresh water would be reported. Water production with the gas would

require disposal of produced water per the requirements of NTL-2B. Any fluids produced will be collected and disposed of elsewhere (no pits). The depths of fresh-water formations are listed in the 10 Point Subsurface Protection Plan. There would be no tangible effect on water migration in fresh-water aquifers. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

Plants on the location consists of a sparse cover of sagebrush, shadscale grasses and cacti.

Plants in the area are of the salt-desert-shrub types grading to the pinon-juniper association at higher elevations.

Proposed action would remove about 1.1 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

The fauna of the area consists predominantly of ^{mule} deer, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

Animal and plant inventory has been made by the BLM. No endangered plants or animals are known to habitat on the project area.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If an historic artifact, an archaeological feature or site is discovered during construction operations, activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

The town of Ferron is approximately 1 mile to the southeast of the of the test site. Minor distractions from aesthetics would occur over the lifetime of the project and are judged to be minor. All permanent facilities placed on the location should be painted a light sand color to blend in with the natural environment and would not be visible from major roads due to local topography. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to predrilling levels.

The site is visible from a major road. After drilling operations, completion equipment would be visible to passersby of the area but would not present a major intrusion.

The economic effect of one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are significant in Emery County, Utah.

But should this well discover a significant new hydrocarbon source, local, State, and possibly National economies might be improved. In this instance, other development wells would be anticipated with substantially greater environmental and economic impacts.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and U.S. Geological Survey's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

There are no National, State, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails, or other formally designated recreational facilities near the proposed location.

The proposed location is within the Muddy Planning Unit (07-07) of the San Rafael Resource Area. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

Waste Disposal:

The mud and reserves pits would contain all fluids used during the drilling operations. A trash cage would be utilized for any solid wastes generated at the site and would be removed at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternative to the Proposed Action:

(1) Not approving the proposed permit -- The oil and gas lease grants the Lessee exclusive right to drill for, mine, extract, remove, and dispose of all oil and gas deposits. Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under the U.S. Geological Survey and other controlling agencies' supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

(2) Minor relocation of the wellsite and or any special, restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

(3) Drilling should be allowed provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator. 

- (a) The access road was changed to enter from the north using an existing road, to reduce the grade and necessary construction to allow access on the original proposed road. (See attached map for new road.)

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately 1.1 acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, gas leaks, and spills of oil and water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface damage to fresh water aquifers and other geologic formations exists.

EA #326-79

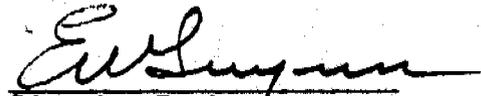
Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in the San Rafael River. The potential for pollution to Ferron Creek would exist through leaks and spills.

Determination:

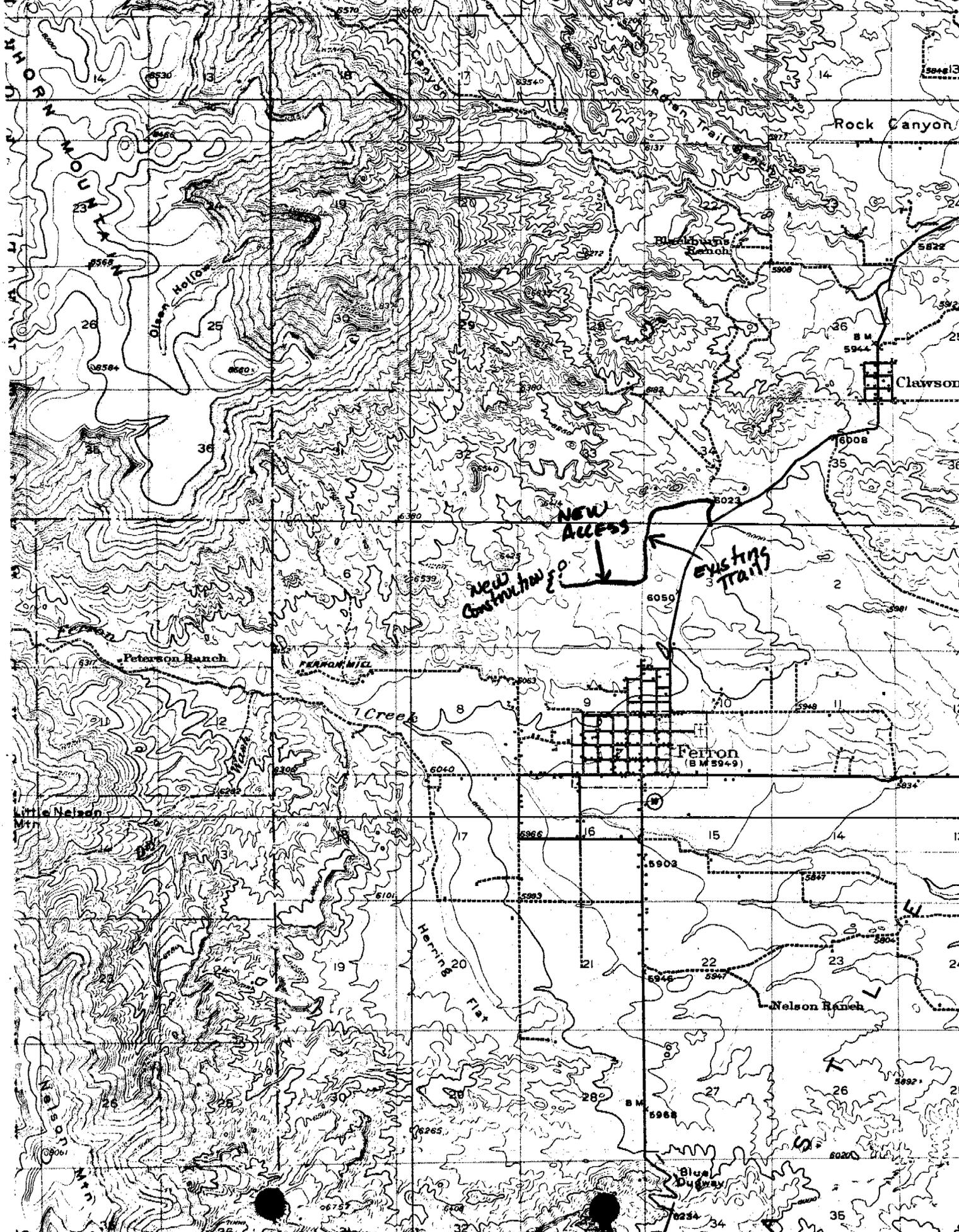
This requested action ~~does~~/does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Sec.102 (2) (C).

Date

6/19/79



District Engineer
U. S. Geological Survey
Conservation Division
Oil and Gas Operations
Salt Lake City District



UTAH
CANYON MOUNTAINS
MOUNTAINS

Rock Canyon F

Blackburn's Ranch

Clawson

Peterson Ranch

FERRON MOUNTAINS

T. Creek

Ferron
(B.M. 5949)

Little Nelson Mt.

Herring Flat

Nelson Ranch

Blue Dugway

New Access
New Construction

Existing Trail

July 6, 1979

MEMO TO FILE

Re: Fossil Petroleum Corporation
Well No. Federal #4-1
Sec. 4, T.20S, R.7E,
Emery County, Utah

Darwin Quigley called July 6, 1979 and said this well is being drilled as of this date at 1900' and should be bottomed at the Ferron Formation at 2200' on Sunday the 8th.

DIVISION OF OIL, GAS AND MINING

MICHAEL T. MINDER *M.T.M.*
Geological Engineer

/btm

cc: USGS

FILE IN QUADRUPLICATE
FORM OGC-8-X



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

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: Federal #4-1
Operator: Fossil Petroleum Corporation Address: Suite 2160-M, 8350 N. Central Expy., Dallas, Texas 75206
Contractor: Bob Shumway Drlg. Co. Address: Spanish Trail Drive Moab, Utah
Location SE 1/4 NW 1/4; Sec. 4 T. 20 S, R. 7 E; Emery County

Water Sands:

<u>Depth:</u>	<u>Volume:</u>	<u>Quality:</u>
From- To-	Flow Rate or Head	Fresh or Salty
1. <u>Drld with Air from Surface to Total Depth 2207</u>		
2. <u>No water bearing sands penetrated - Hole dry</u>		
3. <u>Gas in basal Ferron Sd. 2055-2087</u>		
4. <u>8' of Coal 1862'-1870'</u>		
5. <u>3' of Coal 1953'-1956'</u>		

(Continue on Reverse Side if Necessary)

Formation Tops:
Surface - Mancos Elev. 6117' Grd.
Ferron - 1837'
Tununk - 2200'

Remarks:

Intend to complete the well as a gas well.

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

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

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

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS <small>(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.)</small>		5. LEASE DESIGNATION AND SERIAL NO. U-8808
1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Fossil Petroleum Corporation		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR Suite 2160-M, 8350 N. Central Expwy., Dallas, TX 75206		8. FARM OR LEASE NAME Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SE/NW Sec 4, T20S, R7E, S.L.M. (1980' F.N.L. & 1980' F.W.L.)		9. WELL NO. Fed. #4-1
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Ferron
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6117' grd, 6127' K.b.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE/NW 4-20S-7E
		12. COUNTY OR PARISH 13. STATE Emery 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"/> FRACTURE TREAT <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (Other) <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> ABANDON* <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	WATER SHUT-OFF <input checked="" type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> (Other) <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> ABANDONMENT* <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.)*

July 31, 1979 - 1. Ran Tubing and set Halliburton RTTS pkr at 1953'.
2. Squeezed zone 2064-84 with 50 sacs cement in 10 bbls diesel. Max. squeeze pressure 2600#.

August 4, 1979 - 1. Drilled out cement to 2082'.
2. Perforated upper part of Lower Ferron Sd. 2061'-68' with 2 shot per ft. (14 shots) [Subsea = 4056'-4049']
3. Reacidized with 800 gals. 10% Acid
Breakdown Pressure = 2400#
Injection rate = 4 bbls/min at 1600#

August 5, 1979 - 1. Swabbed Acid back.
2. Removed RTTS pkr. from hole.

August 6-8, 1979 - 1. Reran tubing and continued swabbing.
2. Swab rate 10 bbls of highly gas cut salt wtr. per hr.
3. Gas flares on each swab run but sustained gas flow thru the wtr. too small to measure.

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

SIGNED M. D. Quigley TITLE Consultant to the Receiver DATE August 13, 1979

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-8808

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

Fed. #4-1

10. FIELD AND POOL, OR WILDCAT

Ferron

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

SE/NW 4-20S-7E

12. COUNTY OR PARISH 13. STATE

Emery

Utah

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
Fossil Petroleum Corporation

3. ADDRESS OF OPERATOR
Suite 2160-M, 8350 N. Central Expwy., Dallas, TX 75206

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
**SE/NW Sec 4, T20S, R7E, S.L.M.
(1980' F.N.L. & 1980' F.W.L.)**

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6117' grd., 6127' Kb.

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"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input checked="" type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

July 26, 1979 - Ran Cement Bond Log and perforated lower Ferron Sd. from 2064'-2084' with 21 shots (1 shot/ft.) [Subsea = 4053'-4083']

July 27, 1979 - 1. Acidized Zone 2064-84 with 1000 gals 15% Acid.
Breakdown pressure = 2000#
2. Swabbed acid back
3. Fraced zone 2064-84 with 6000 gals gelled water and 7500# of 10-20 mesh sand
Injection rate 12 bbls/min at 1700#

July 28-30, 1979 - Swabbed back fluid from well.
Swab rate 40 bbls of highly gas cut salt wtr per hour.
Gas pressure in annulus built up to 195#.
Will attempt to shut water off in lower part of zone.

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

SIGNED M. D. Quigley TITLE Consultant to the Receiver DATE August 13, 1979

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

Form approved.
Budget Bureau No. 42-R355.5

(See instructions on reverse side)

6

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

2. TYPE OF COMPLETION: NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESER. Other _____

2. NAME OF OPERATOR
Fossil Petroleum Corporation

3. ADDRESS OF OPERATOR
Suite 2160M, 8350 N. Central Expwy., Dallas, Texas 75206

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **SE/NW Sec. 4, T20S, R7E, S.L.M.**
At top prod. interval reported below
At total depth **(1980' FNL & 1980' FWL)**

5. LEASE DESIGNATION AND SERIAL NO.
U-8808

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
Fed. #4-1

10. FIELD AND POOL, OR WILDCAT
Ferron

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SE/NW 4-20S-7E

12. COUNTY OR PARISH
Emery

13. STATE
Utah

14. PERMIT NO. _____ DATE ISSUED
June 29, 1979

15. DATE SPUDDED **6-30-79** 16. DATE T.D. REACHED **7-7-79** 17. DATE COMPL. (Ready to prod.) **8-8-79**

18. ELEVATIONS (OF, HEB, BT, OR, ETC.)* **6117' grd, 6127 K.b.** 19. ELEV. CASINGHEAD **6119'**

20. TOTAL DEPTH, MD & TVD **2207 drlr.** 21. PLUG, BACK T.D., MD & TVD **2137' Csg.** 22. IF MULTIPLE COMPL., HOW MANY* _____

23. INTERVALS DRILLED BY ROTARY TOOLS **10 - 2207'** CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Ferron Sandstone 2061' to 2068'

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Gamma-Induction, Gamma-Density, Cement-Bond

27. WAS WELL CORED
No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10 3/4	40.5	165'	14 1/2	Circ Cement to Surf(100 Sacs)	None
4 1/2	10.5	2187'	6 1/4	Cemented to 1380' w/65 sacs	None

29. LINEER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	1955' (Hanging)	None

31. PERFORATION RECORD (Interval, size and number)

- 2064-84 w/21 shots (.39 inches)
- After squeeze, 2061-68 w/14 shots (.39 inches)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2064-84	1000 gal 15% Acid, 6000 gal gelled wtr + 7500# 10-20 sand
2064-84	Squeezed to 2600# w/50 sacs in 10 bbl diesel

33. PRODUCTION RECORD

DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)
Flowing

WELL STATUS (Producing or shut-in)
Shut-In

DATE OF TEST **8-8-79** HOURS TESTED **4 hrs.** CHOKER SIZE **1/4"** PROD'N. FOR TEST PERIOD **100 Small to Measure**

OIL—BBL. _____ GAS—MCF. _____ WATER—BBL. **10 bbl/hr** GAS-OIL RATIO _____

FLOW. TUBING PRESS. **0** CASING PRESSURE **210#** CALCULATED 24-HOUR RATE **240 bbl/day** OIL GRAVITY-API (CORR.) _____

24. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) _____ TEST WITNESSED BY
Colorado Well Service

35. LIST OF ATTACHMENTS
Mechanical Logs

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

SIGNED M. D. Quigley TITLE **Consultant to the Receiver** DATE **August 13, 1979**

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 23, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
 SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORREL INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CURSION USED, TIME TOOL OPER, FLOWING AND SHUT-IN PRESSURES, AND RECOVERY

38. GEOLOGIC MARKERS

FORMATION	TOP		DESCRIPTION, CONTENTS, ETC.	BOTTOM	NAME	TOP	
	DEPTH	FEET				MEAS. DEPTH	TRUE VERT. DEPTH
Ferron Ss.	2064		Ss, lt gy to colorless, med gr., ang., well cemented with calcite to friable.	2084	Mancos Sh. Ferron Ss. Tununk Sh.	Surface 1837 2200	6117' 4280' 3917'



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

December 4, 1979

Fossil Petroleum Corp.
Suite 2160-M, 8350 N. Central Expwy.
Dallas Texas 75206

RE: Fossil Petroleum Corp.
Well No. Federal #4-1
Sec. 4, T. 20S, R. 7E,
Emery County, Utah
August 1979 thru November 1979

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the months indicated above on the subject well(s).

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. Please note, a negative report is also required. This report may be filed on Form OGC-1b, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Debbie Beauregard
DEBBIE BEAUREGARD
CLERK-TYPIST

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN TRIPlicate*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

M

5. LEASE DESIGNATION AND SERIAL NO.

U-8808

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

Fed. #4-1

10. FIELD AND POOL, OR WILDCAT

Ferron

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

SE/NW 4-20S-7E

12. COUNTY OR PARISH

Emery

13. STATE

Utah

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
Fossil Petroleum Corporation

3. ADDRESS OF OPERATOR
Suite 2160-M, 8350 N. Central Expwy., Dallas, TX 75206

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

**SE/NW Sec. 4, T20S, R7E, S.L.M.
(1980' FNL & 1980' FWL)**

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6117' grd., 6127' K.b.

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

(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.)*

August 9, 1979 - Control head installed and well shut-in pending further developments. No further operations planned until more gas wells are drilled.

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

SIGNED *M. A. Quigley* TITLE Consultant to the Receiver DATE Dec. 10, 1979

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

FOSSIL PETROLEUM CORPORATION

8350 N. Central Expy.
Suite 2160M · Dallas, Texas 75206
Tel: 73373 · Phone: (214) 363-9340

November 13, 1981

Dear Sirs:

This is to inform you that the following companies

Fossil Petroleum Corporation
Cappetro, Inc.
HJH Incorporated

are all now operating as a newly formed entity - Petro United Ltd. These companies, which were previously under a Receivership administrated by me, have now been turned over to Petro United Ltd. under the auspices of a ruling by the Dallas Federal Court. Petro United Ltd. is presently in the process of obtaining a tax I.D. number and will be forwarding the number to you as soon as it is received. Kindly address all future correspondence to Petro United Ltd. at Suite 2160M, 8350 N. Central Expressway, Dallas, Texas 75206.

Thank you for your cooperation over the years.

Yours very truly,



William B. West III
Receiver for
Fossil Petroleum Corporation
Cappetro, Inc.
HJH Incorporated

WBW/ch



PETRO UNITED LTD.

November 16, 1981

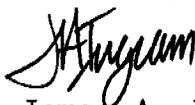
State of Utah
Department of Natural Resources
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Re: Well No. Federal 4-1
Sec. 4, T 20S, R 7E
Emery County, Utah
API 43-015-30063

Gentlemen:

It is our intention to plug the above referenced well. Please find attached a diagram of pipe and cement positioning in the wellbore. Please give us plugging instructions which will comply with all Utah and Department of the Interior requirements while allowing us maximum salvageable pipe.

Sincerely,



James A. Ingram
Operations Manager

JAI/ch

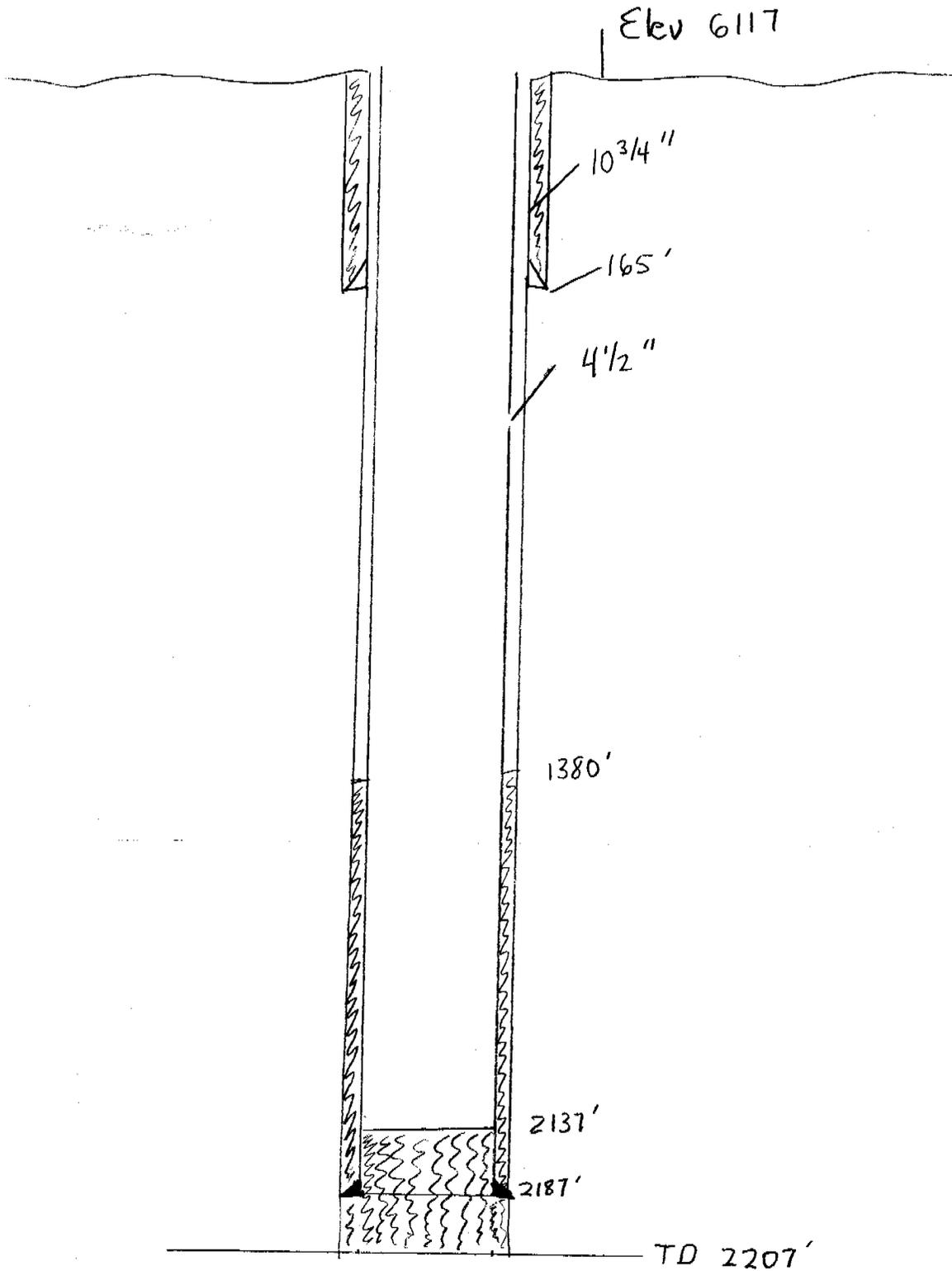
cc: Department of the Interior
Ref Lease U-8808

NOV 16 1981

DIVISION OF
OIL, GAS & MINING

PETRO UNITED LTD.

Well No. Federal 4-1 Sec 4 T. 20S R. 7E Emery Co, UT.



Minerals Management Service
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104-3884

February 4, 1982

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Fossil Petroleum Corporation
8350 N. Central Expy., Suite 2160M
Dallas, Texas 75206

RE: Well No. 4-1, SE NW
Section 4, T. 20S., R. 7E.
Emery County, Utah
Lease No. U-8808

RECEIVED
FEB 08 1982

DIVISION OF
OIL, GAS & MINING

Gentlemen:

Oil and Gas Lease U-8808 was issued effective July 1, 1969, for a ten-year period and was extended through June 30, 1979, by diligent drilling operations.

Our records do not show that the referenced well was capable of production in paying quantities on or before midnight June 30, 1981. Therefore, this lease would have expired on this date.

Since there is no lease authority, any activities on this lease after June 30, 1981, without prior approval is in violation.

It is requested that a Sundry Notice, Form 9-331, "Notice of Intention to Abandon" be submitted to this office for approval by April 1, 1982, showing in detail your plugging program, rehabilitation plan and the time schedule for completing the required work. All work including the seeding is to be completed by November 1, 1982.

You are to contact the Bureau of Land Management prior to commencing any restoration work for their surface rehabilitation requirements.

If you have any questions, please contact this office.

Sincerely Yours,

(ORIG. SGD.) E. W. GUYNN

E. W. Guynn
District Oil and Gas Supervisor

cc: BLM, Utah State Office
BLM, Price, Utah

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR

F L Energy

3. ADDRESS OF OPERATOR

2020 E 3300 So. # 23 SLC, UT 84109

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: SE/NW Sec 4 T20 R7E SLM

AT TOP PROD. INTERVAL: 1980 FNL !(*) FWL

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON*

(other)

Operation Report

5. LEASE U-8808

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.

Fed 4-1

10. FIELD OR WILDCAT NAME
Ferron

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

SE NW 4-20S- 7E

12. COUNTY OR PARISH
Enery

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6117

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

Preparing to Plug

Subsurface Safety Valve: Mand. and Type _____ Set @ _____ Ft.

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

SIGNED [Signature] TITLE Secretary DATE 9-2-82

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
F L Energy

3. ADDRESS OF OPERATOR
2020 E 3300 So. # 23 SLC, UT 84109

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: SE/NW Sec 4 T20 R7E SLM
AT TOP PROD. INTERVAL: 1980 FNL 1(*) FWL
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Operation Report</u>	

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.)*

Waiting for rig to plug and abandon

RECEIVED
OCT 06 1982
DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve; Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Lynn Row TITLE Secretary DATE 10-5-82

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

5. LEASE	U-8808
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME	Federal
9. WELL NO.	Fed 4-1
10. FIELD OR WILDCAT NAME	Ferron
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	SE NW 4-20S- 7E
12. COUNTY OR PARISH	Enery
13. STATE	Utah
14. API NO.	
15. ELEVATIONS (SHOW DF, KDB, AND WD)	6117

1. oil well gas well other

2. NAME OF OPERATOR

F L Energy

3. ADDRESS OF OPERATOR

2020 E 3300 So. # 23 SLC, UT 84109

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: SE/NW Sec 4 T20 R7E SLM
AT TOP PROD. INTERVAL: 1980 FNL !(*) FWL
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

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

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

Preraring to Plug and Abandon

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED [Signature] TITLE Secretary DATE 11-9-82

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
F L Energy

3. ADDRESS OF OPERATOR
2020 E 3300 So. # 23 SLC, UT 84109

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: SE/NW Sec 4 T20 R7E SLM
AT TOP PROD. INTERVAL: 1980 FNL !(*) FWL
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)	<input type="checkbox"/>	Operation Report	<input type="checkbox"/>

5. LEASE	U-8808
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME	Federal
9. WELL NO.	Fed 4-1
10. FIELD OR WILDCAT NAME	Ferron
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	SE NW 4-20S- 7E
12. COUNTY OR PARISH	13. STATE
Energy	Utah
14. API NO.	
15. ELEVATIONS (SHOW DF, KDB, AND WD)	6117

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

Preparing to Plug and Abandon

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED [Signature] TITLE Secretary DATE 12-6-82

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-8806
Communitization Agreement No. _____
Field Name Ferron
Unit Name _____
Participating Area _____
County Emery State Utah
Operator _____
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of July, 19 83

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
Fed 1-4	SE 1/4 NW 1/4	20	7E	S.I.	0	0	0	0	Waiting for Rig to Plug & Abandon

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	0	0	0
*Sold	0	0	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	0	0	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: [Signature] Address: Suite 23 2020 E 3300 S SLC 84109
Title: Corp Sec Page 1 of 1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM G-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-8808
Communitization Agreement No. _____
Field Name Ferron
Unit Name _____
Participating Area _____
County Emery State Utah
Operator FL ENERGY
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of Mar, 1983

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
<u>Fed 1-4</u>	<u>SE 1/4 NW 1/4</u>	<u>20</u>	<u>7E</u>	<u>S.I.</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>Waiting for Rig to Plug & Abandon</u>

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	<u>0</u>	<u>XXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Produced	<u>0</u>	<u>0</u>	<u>0</u>
*Sold	<u>0</u>	<u>0</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Spilled or Lost	<u>0</u>	<u>XXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Flared or Vented	<u>XXXXXXXXXXXXXXXXXX</u>	<u>0</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Used on Lease	<u>0</u>	<u>0</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Injected	<u>0</u>	<u>0</u>	<u>0</u>
*Surface Pits	<u>XXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXX</u>	<u>0</u>
*Other (Identify)	<u>0</u>	<u>0</u>	<u>0</u>
*On hand, End of Month	<u>0</u>	<u>XXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*API Gravity/BTU Content	<u>0</u>	<u>0</u>	<u>XXXXXXXXXXXXXXXXXX</u>

Authorized Signature: [Signature] Address: Suite 23 2020 E 3300 S SLC 84109
Title: Corp Sec Page 1 of 1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-8808
Communitization Agreement No. _____
Field Name Ferron
Unit Name _____
Participating Area _____
County Emery State Utah
Operator FL ENERGY
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of APR 7, 19 83

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
Fed 1-4	SE 1/4 NW 1/4	20	7E	S.I.	0	0	0	0	Waiting for Rig to Plug & Abandon

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	0	0	0
*Sold	0	0	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	0	0	XXXXXXXXXXXXXXXXXX

Authorized Signature: [Signature]
Title: Corp Sec

Address: Suite 23 2020 E 3300 S SLC 84109

Lease No. U-8808
Communitization Agreement No. _____
Field Name Ferron
Unit Name _____
Participating Area _____
County Emery State Utah
Operator _____
 Amended Report

MONTHLY REPORT
OF
OPERATIONS

The following is a correct report of operations and production (including status of all unplugged wells) for the month of May, 19 83

(See Reverse of Form for Instructions)

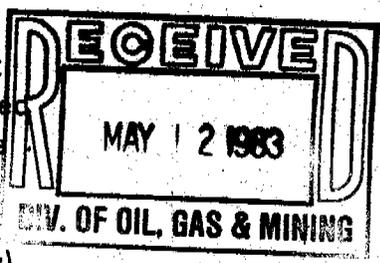
This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
Fed 1-4	SE 1/4 NW 1/4	20	7E	<u>S.I.</u>	0	0	0	0	Waiting for Rig to Plug & Abandon

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	0	0	0
*Sold	0	0	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	0	0	XXXXXXXXXXXXXXXXXXXX



Authorized Signature: [Signature]

Address: Suite 23 2020 E 3300 S SLC 84109

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

Lease No. U-8808
Communitization Agreement No. _____
Field Name Ferron
Unit Name _____
Participating Area _____
County Emery State Utah
Operator _____
 Amended Report

MONTHLY REPORT
OF
OPERATIONS

The following is a correct report of operations and production (including status of all unplugged wells) for the month of JUNE, 1983

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
Fed 1-4	SE 1/4 NW 1/4	20	7E	S.I.	0	0	0	0	Waiting for Rig to Plug & Abandon

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	0	0	0
*Sold	0	0	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	0	0	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: *[Signature]* Address: Suite 23 2020 E 3300 S SLC 84109

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-8808
Communitization Agreement No. _____
Field Name Ferron
Unit Name _____
Participating Area _____
County Emery State Utah
Operator FOSSILL PETRO
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of Aug, 1983

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
Fed 1-4	SE 1/4 NW 1/4	20	7E	S.I.	0	0	0	0	Waiting for Rig to Plug & Abandon 30063 ✓ SEP 6 1983

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	0	0	0
*Sold	0	0	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	0	0	XXXXXXXXXXXXXXXXXXXX

2

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY
 (FORM 9-329)
 (2/76)
 OMB 42-RO 356

MONTHLY REPORT
 OF
 OPERATIONS

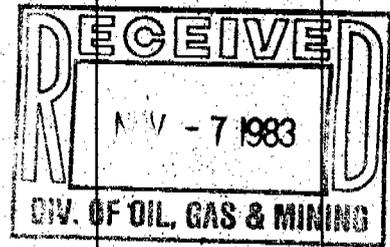
Lease No. U-8808
 Communitization Agreement No. _____
 Field Name Ferron
 Unit Name _____
 Participating Area _____
 County Emery State Utah
 Operator _____
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of Oct, 19 83

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
Fed 1-4	SE 1/4 NW 1/4	20	7E	S.I.	0	0	0	0	Waiting for Rig to Plug & Abandon



*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	0	0	0
*Sold	0	0	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	0	0	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: _____

[Handwritten Signature]

Address: Suite 23 2020 E 3300 S SLC 84109

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-8808
Communitization Agreement No. _____
Field Name Ferron
Unit Name _____
Participating Area _____
County Emery State Utah
Operator Fossil Petroleum Corp
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of Nov, 19 83

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
Fed 1-4	SE 1/4 NW 1/4	20	7E	S.I.	0	0	0	0	Waiting for Rig to Plug & Abandon 30063 ✓

DEC 13 1983

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	0	0	0
*Sold	0	0	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	0	0	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: [Signature] Address: Suite 23 2020 E 3300 S SLC 84109

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-8808
Communitization Agreement No. _____
Field Name Ferron
Unit Name _____
Participating Area _____
County Emery State Utah
Operator EL Energy
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of Dec, 19 83

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
Fed 1-4	SE 1/4 NW 1/4	20	7E	S.I.	0	0	0	0	Waiting for Rig to Plug & Abandon

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	0	0	0
*Sold	0	0	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	0	0	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: _____ Address: Suite 23 2020 E 3300 S SLC 84109



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 13, 1984

F. L. Energy
2020 E 3300 S #23
Salt Lake City, UT 84109

Re: Well No. Fed. #4-1
1980' FNL, 1980' FWL SE/NW
Sec. 4, T. 20S, R. 7E.
Emery County, Utah

Gentlemen:

According to Sundry Notices received by this office, this well is now operated by you. We have not received the proper information stating that your company is now operator of this well. If you have assumed operations on this well, it is your responsibility as current operator to submit those changes to this office. Please send in those changes stated on a Sundry Notice OGC-1b (enclosed). If your company has not taken over responsibility of this well, please explain why your office is sending in the reports for this well.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our company.

Thank you for your prompt attention to the above matter.

Respectfully,

A handwritten signature in cursive script that reads "Claudia Jones".

Claudia Jones
Well Records Specialist

CJ/cj
Enclosures

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

PRINT IN TRIPLICATE*
 (Other instructions on reverse side)

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. U-8808
1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Non-commercial Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR F.L. ENERGY CORP.		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR Suite 23 2020 East 3300 South, Salt Lake City, Utah 84109		8. FARM OR LEASE NAME Fossil-Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface C SE 1/4 NW 1/4 (1980' FNL & 1980' FWL)		9. WELL NO. #4-1 <input checked="" type="checkbox"/>
14. PERMIT NO. 43-015-30063		10. FIELD AND POOL, OR WILDCAT Ferron
15. ELEVATIONS (Show whether OF, RT, OR, etc.) 6117 C.L.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 4 Twp20S Rge7E
12. COUNTY OR PARISH Grand		13. STATE Utah

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

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

*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.)*

On August 1, 1982- F.L. Energy Co. acquired this well from United Oil and Gas Co./Fossil Petroleum Corp. This is a non-commercial well and it is the intention of F.L. Energy Corp. to plug and abandon this well in early spring, or whenever the weather conditions permit entrance into this well-site.

As soon as it can be determined if any production casing can or cannot be salvaged, F.L. Energy will request specific plugging instructions.

A notice of change of operator has previously been filed.

RECEIVED
 FEB 22 1984

DIVISION OF
 OIL, GAS & MINING

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

SIGNED Richard L. Buscoll TITLE V.P. Operations DATE 2/13/84

(This space for Federal or State office use)

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

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

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. <p align="center">U-49928</p>	
2. NAME OF OPERATOR <p align="center">FOSSIL FUELS, INC.</p>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR <p align="center">P. O. BOX 459, FERRON, UTAH 84523</p>		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <p align="center">SE NW SEC. 4, T20S, R7E, SLBM 1980' FNL, 1980' FWL</p>		8. FARM OR LEASE NAME <p align="center">FOSSIL FUELS, INC.</p>	
14. PERMIT NO.		9. WELL NO. <p align="center">FOSSIL 1-4</p>	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <p align="center">6117 GR 6619 CH</p>		10. FIELD AND POOL, OR WILDCAT <p align="center">WILDCAT</p>	
12. COUNTY OR PARISH <p align="center">EMERY</p>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <p align="center">SEC. 4, T20S, R7E</p>	
13. STATE <p align="center">UTAH</p>			

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

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

A. INSTALL AN ADDITIONAL 120 FT., PLUS OR MINUS, OF 2 3/8" TUBING

B. SWAB WELL IN AND TEST

WORK TO COMMENCE ON OR ABOUT AUGUST 1, 1984

RECEIVED

JUL 30 1984

DIVISION OF OIL
GAS & MINING

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

SIGNED *[Signature]* TITLE PRODUCTION MANAGER DATE JULY 19, 1984

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

August 8, 1984

Fossil Fuels, Incorporated
P.O. Box 459
Ferron, Utah 84523

Attention: G. Gary Knight

Gentlemen:

SUBJECT: Well No. Fossil 1-4, Sec. 4, T. 20S., R. 7E., Emery County,
Utah; API #43-015-30063

According to a "Sundry Notice" received by our office dated July 19, 1984, this well is now operated by your company. We have not received the proper information stating that your company is now operator of this well. If you have assumed operations on this well, please submit a change of operator notice on Form OGC-1b, "Sundry Notices and Reports", indicating the company which previously operated this well and the date the change became effective. A form is enclosed for your convenience.

If your company has not taken over responsibility of this well, please explain why your office is sending in the reports for this well.

It has also been noted that your company is referring to this well as the "Fossil 1-4." It has previously been referred to as the "Federal 4-1." Please indicate the exact well name your company will be using.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Thank you for your prompt attention to this matter.

Sincerely,

Claudia L. Jones
Well Records Specialist

clj

Enclosure

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

RECEIVED

AUG 15 1984

DIVISION OF OIL
GAS & MINING

FOSSIL FUELS, INC.

Gas/Oil Exploration & Development

P.O. BOX 459
FERRON, UTAH 84523
(801) 384-3220

August 13, 1984

State of Utah Natural Resources
Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Attention: Claudia L. Jones

Dear Ms. Jones:

Re: Letter dated August 8, 1984

Enclosed are copies of "Sundry Notices" and "Designation of Operator" on the Fossil 1-4 well which we submitted to the Bureau of Land Management and inadvertently failed to send to you.

I trust this will fulfill this obligation.

Respectfully,

G. Gary Knight

G. Gary Knight

GGK/ck

Enc.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

STATE OFFICE: 2174H
SERIAL NO.: 21-47728

and hereby designates

NAME: Fossil Fuels Inc.
ADDRESS: P.O. Box 458, Fossil, Idaho - 84523

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the authorized officer may serve written or oral instructions in securing compliance with the Operating Regulations (43 CFR 3160) with respect to (describe acreage to which this designation is applicable):

lots 3, 4, 5 1/2 NW 1/4 of Sec 4 T.20S R.1E Emery County UT

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the authorized officer of any change in the designated operator.

BURNS DRILLING INC.

James A. Knight
(Signature of lessee)

11/24
(Date)

P.O. Box 458, Fossil, Idaho 84523
(Address)

This form does not constitute an information collection as defined by 44 U.S.C. 3502 and therefore does not require OMB approval.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

3. LEASE DESIGNATION AND SERIAL NO.
U-49928

6. IF INDIAN, ALLEGED INDIAN NAME

7. UENY AGREEMENT NAME

8. FARM OR LEASE NAME
FOSSIL FUELS, INC.

9. WELL NO.
FOSSIL 1-4

10. FIELD AND POOL, OR WELDCAT
WILDCAT

11. SEC., T., R., N., OR ENE. AND
SERVEY OF AREA
SEC. 4, T20S, R7E

12. COUNTY OR PARISH 13. STATE
EMERY UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED

AUG 15 1984

DIVISION OF OIL
GAS & MINING

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
FOSSIL FUELS, INC.

3. ADDRESS OF OPERATOR
P. O. BOX 459, FERRON, UTAH 84523

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
(See also space 17 below.)
At surface
SE NW SEC. 4, T20S, R7E, SLEM
1980' ENL, 1980' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether OF, RT, OR, etc.)
6117 GR 6619 CH

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) CHANGE OF OPERATOR

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

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

A. INSTALL AN ADDITIONAL 120 FT., PLUS OR MINUS, OF 2 3/8" TUBING

B. SWAB WELL IN AND TEST

WORK TO COMMENCE ON OR ABOUT AUGUST 1, 1984

RECEIVED
AUG 21 1984
BUREAU OF OIL, GAS & MINING

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

SIGNED [Signature]
(This space for Federal or State office use)

TITLE PRODUCTION MANAGER

DATE JULY 19, 1984

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

"See Instructions on Reverse Side"

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE U-49928

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME FEDERAL DEC 24 1990

9. WELL NO. Fossil 1-4

10. FIELD OR WILDCAT NAME FERRON

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE/NE 1/4 SEC 4, T 20 S, R 7 E 5 L M

12. COUNTY OR PARISH EMERY 13. STATE UTAH

14. API NO. 43-015-30063 PA

15. ELEVATIONS (SHOW DF, KDB, AND WD) 6117 GR - 6619 CH

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 Form 9-331-C for such proposals.)

1. Oil well gas well other

2. NAME OF OPERATOR

Fossil Fuels

3. ADDRESS OF OPERATOR

P.O. Box 457 Ferron UT, 84523

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) SE/NE 1/4 SEC 4, T 20 S, R 7 E 5 L M

AT SURFACE: 1980' ENL - 1980' SWL

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

- TEST WATER SHUT-OFF
- FRACTURE TREAT
- SHOOT OR ACIDIZE
- REPAIR WELL
- PULL OR ALTER CASING
- MULTIPLE COMPLETE
- CHANGE ZONES
- ABANDON*

(other) Subsequent Report of Abandonment

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

CN 10-14-89 WELL WAS PLUGGED & ABANDONED

THE 2 3/8 TUBING WAS LEFT IN THE WELL CEMENT & MUD WERE PUMPED DOWN THE TUBING IN THE PROPER SEQUENCE & AMOUNTS TO SET CEMENT PLUGS AT BOTTOM OF HOLE TO 2,000 FT. AND FROM 215 FT TO SURFACE - A PLUG WAS ALSO SET IN THE ANULAS BETWEEN THE 4 1/2" CASING & THE 10 7/8" CASING FROM 215 FT. TO SURFACE.

SEE ATTACHED HALLIBURTON SERVICES, JOB LOG SHEET FOR QUANTITIES & PUMP RATES & PRESSURES.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED [Signature] TITLE FIELD MANAGER DATE 2-5-90

(This space for Federal or State office use)

APPROVED BY William C. Hungs TITLE ADM-Minerals DATE 4/9/90

CONDITIONS OF APPROVAL, IF ANY:

APPROVE W/ STD. FAW COND.: DCJ 2/18/90

ALS 4/1/90