

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ **X** WATER SANDS _____ LOCATION INSPECTED _____ SUB. REPORT/abd. _____

DATE FILED **SEPTEMBER 15, 1998**
 LAND: FEE & PATENTED _____ STATE LEASE NO. _____ PUBLIC LEASE NO. **U 67161** INDIAN _____

DRILLING APPROVED: **SEPTEMBER 17, 1998**

SPUDED IN: _____
 COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY A.P.I. _____

GOR: _____

PRODUCING ZONES: _____

TOTAL DEPTH: _____

WELL ELEVATION: _____

DATE ABANDONED: **LA 10-4-2000**

FIELD: **WILDCAT**

UNIT: _____

COUNTY: **EMERY**

WELL NO. **WILDCAT WASH 1-22** API NO. **43-015-30343**

LOCATION **616 FNL** FT. FROM (N) (S) LINE. **824 FWL** FT. FROM (E) (W) LINE. **NW NW** 1/4 - 1/4 SEC. **22**

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				16S	9E	22	F L ENERGY CORP.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
 DRILL DEEPEN

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

2. NAME OF OPERATOR
 F L ENERGY CORP. (801) 487-0744

3. ADDRESS AND TELEPHONE NO.
 2020 East 3300 so., S.L.C. UT. 84199

4. LOCATION OF WELL (Report location clearly and in accordance with State Requirements)
 At surface: NW NW 616' FNL, 824' FWL
 At proposed prod. zone: 198 261

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 15 miles south of Price, UT., on highway 60

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
 616' ~~8XX8'~~

16. NO. OF ACRES ASSIGNED TO THIS WELL 1920

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. 1 mile

19. PROPOSED DEPTH 2810'

20. ROTARY OR CABLE TOOLS ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6209' survey

22. APPROX. DATE WORK WILL START*
 Oct. 20, 1998

5. LEASE DESIGNATION AND SERIAL NO.
 U 67161

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARMOR LEASE NAME, WELL NO.
 Wildcat Wash 1-22

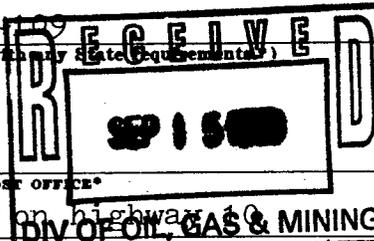
9. A/WELL NO.

10. FIELD AND POOL, OR WILDCAT
 Ferron SS, Coalseam

11. SEC., T., R., M., OR BLK. AND SURFACE AREA
 sec 22 T16S R 9 E

12. COUNTY OR PARISH Emery

13. STATE Utah



23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	24# J 55	8 5/8"	120'	circulate to surface
7 7/8"	15.5# J 55	5 1/2"	TD 2810' est.	250 sx class H

This well is proposed to test the gas potential of the Ferron SS and the associated coal seam presence.

We're planning to drill with air, utilizing a 3000# dual ram hydraulically operated B O P and rotating head.

The area for the well location and access road are relatively flat, no cuts or fills will be required.

An Archaeological Survey of the well location and the entire access route has been performed by Montgomery Arch. Consultants and will be submitted by them to the BLM.

A Right of Way application has been included with this APD for a 3/4 mile section of existing dirt road to be used for access.

50816957
4363593.95

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 Jim Hemingway TITLE Jim HEMINGWAY agent DATE Sept. 4, 1998

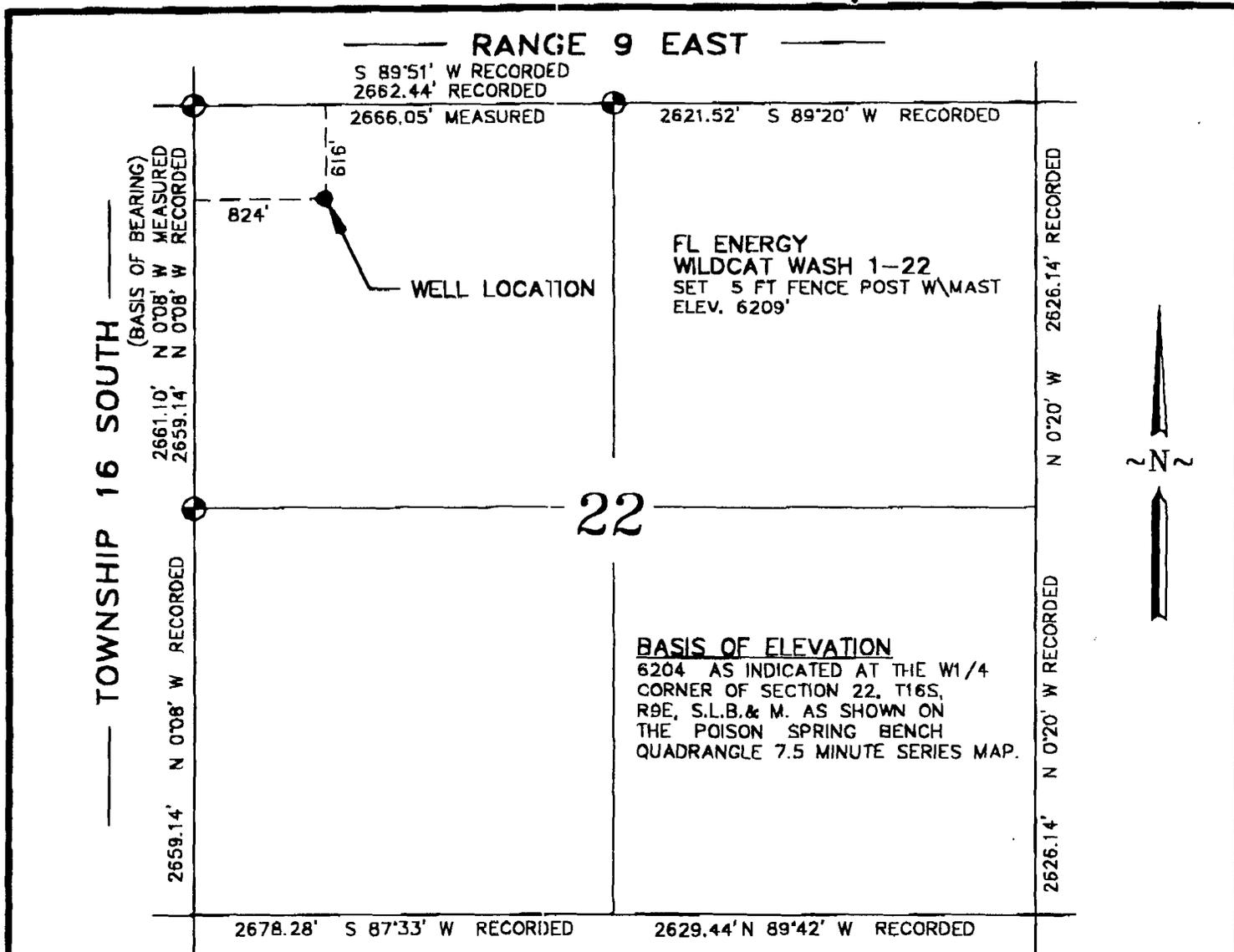
(This space for Federal or State office use)
 PERMIT NO. 43-015-30343 APPROVAL DATE _____

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

CONDITIONS OF APPROVAL Federal Approval of this Action is Necessary

APPROVED BY Bradley G. Hill TITLE BRADLEY G. HILL RECLAMATION SPECIALIST III DATE 9/17/98

*See Instructions On Reverse Side



LEGEND

- FOUND BRASS CAP
- SEARCHED FOR BUT NOT FOUND
- ◊ FOUND ROCK CORNER

BASIS OF BEARING

BASIS OF BEARING N 00°08' W RECORDED BETWEEN THE W1/4 CORNER AND THE NW CORNER OF SECTION 22, TOWNSHIP 16 SOUTH, RANGE 9 EAST, SALT LAKE BASE AND MERIDIAN.



ENGINEER'S CERTIFICATE

I, EVAN E. HANSEN, DO HEREBY CERTIFY THAT I AM A REGISTERED LAND SURVEYOR AND PROFESSIONAL ENGINEER HOLDING CERTIFICATE NO. 145656 AS PRESCRIBED UNDER THE LAWS OF THE STATE OF UTAH. I FURTHER CERTIFY THAT I HAVE MADE A SURVEY OF THE TRACT OF GROUND SHOWN AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

EVAN E. HANSEN

DATE

NW1/4 SEC. 22, T 16 S, R 9 E, S.L.B. & M.

Empire Engineering

1665 E. Sagewood Rd. Price, Utah 84501

**FL ENERGY
WILDCAT WASH 1-22**

Drawn By: RH	Approved By: EEH	Drawing No. EEOG-98-13
Date: 4-24-98	Scale: 1"=1000'	SHEET 1 OF 2

C:\EMPIRE\FL ENERGY WILDCAT\ 09/02/98

RANGE 9 EAST

TOWNSHIP 16 SOUTH

(BASIS OF BEARING)
N 0°08' W MEASURED
N 0°08' W RECORDED

2661.10'
2659.14'

2659.14' N 0°08' W RECORDED

S 89°51' W RECORDED
2662.44' RECORDED

2666.05' MEASURED

2621.52' S 89°20' W RECORDED

2626.14' RECORDED
N 0°20' W

N 0°20' W RECORDED
2626.14'

824'

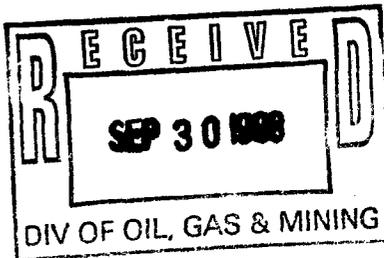
616'

WELL LOCATION

FL ENERGY
WILDCAT WASH 1-22
SET 5 FT FENCE POST W/MAST
ELEV. 6209'

43-015-30343

22



BASIS OF ELEVATION
6204 AS INDICATED AT THE W1/4
CORNER OF SECTION 22, T16S,
R9E, S.L.B. & M. AS SHOWN ON
THE POISON SPRING BENCH
QUADRANGLE 7.5 MINUTE SERIES MAP.

2678.28' S 87°33' W RECORDED

2629.44' N 89°42' W RECORDED

LEGEND

- FOUND BRASS CAP
- SEARCHED FOR BUT NOT FOUND
- ◻ FOUND ROCK CORNER

BASIS OF BEARING

BASIS OF BEARING N 0°08' W RECORDED
BETWEEN THE W1/4 CORNER AND THE NW CORNER
OF SECTION 22, TOWNSHIP 16 SOUTH, RANGE 9
EAST, SALT LAKE BASE AND MERIDIAN.



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Evan E. Hansen
EVAN E. HANSEN

5007. 2, 1998
DATE

NW1/4 SEC. 22, T 16 S, R 9 E, S.L.B. & M.

Empire Engineering

1665 E. Sagewood Rd. Price, Utah 84501

FL ENERGY
WILDCAT WASH 1-22

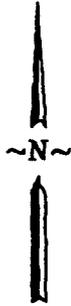
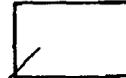
Drawn By: RH	Approved By: EEH	Drawing No. EEOG-98-13
Date: 4-24-98	Scale: 1"=1000'	SHEET 1 OF 2

C:\EMPIRE\FL ENERGY\WILDCAT1 09/02/98

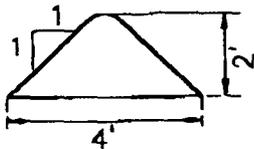
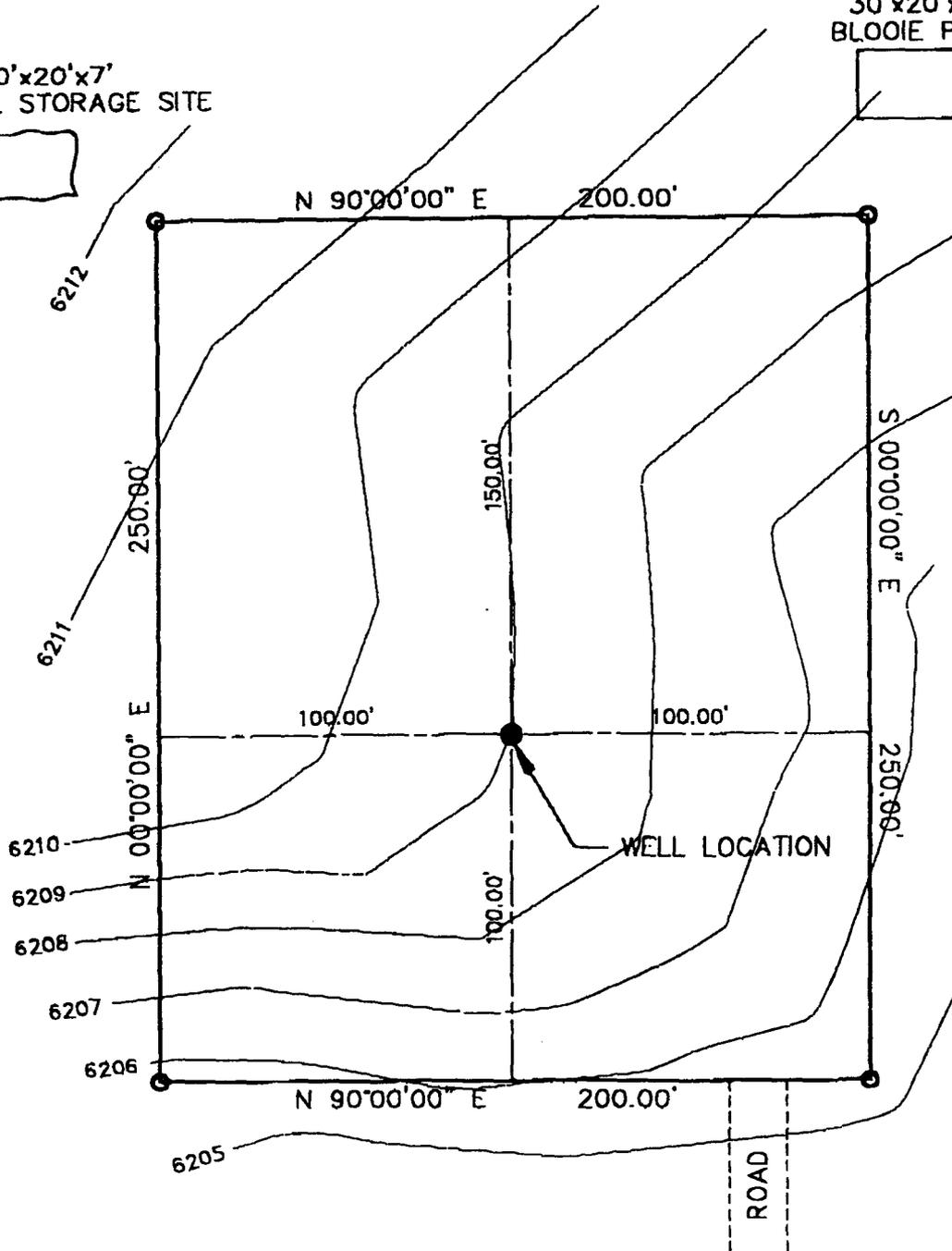
30'x20'x7'
TOP SOIL STORAGE SITE



30'x20'x6'
BLOOEIE PIT



SCALE: 1" = 50'



TYP. BERM
SURROUNDING PAD

○ INDICATES 5/8"x24" REBAR

NW1/4 SEC. 22, T 16 S, R 9 E, S.L.B.& M.

Empire Engineering

1665 E. Sagewood Rd. Price, Utah 84501

FL ENERGY WILDCAT WASH 1-22

Drawn By:
THK

Approved By:
EEH

Drawing No.

EEOG-98-13

Date:
9-02-98

Scale:
1"=50'

SHEET 2 OF 2

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Supplement To Form 3160-3

- 1- The surface material is Weathered Mancos Shale mixed with fine-grained aeolian silt-stone. Some of the cliff exposures include the Upper Ferron Sandstone.
- 2- The estimated tops of important and recognizable geologic markers are:

Mancos Shale	Surface
Top Ferron	2560
Tununk Shale	2770
- 3- The estimated depth at which important water oil and gas is expected to be encountered are:

Lower Ferron Sand	2650'	Gas and/or Oil
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There are no water sands expected to be encountered while drilling this well. The Tununk shale will be penetrated 40 ft.
- 4- The casing program as previously indicated will consist of 120' feet of 8 5/8 inch, 24# surface casing and 2810 feet of 15.5 lb/ft production casing. The surface casing will be set and cement will be circulated to surface. The production casing will be cemented with 250 sacks of cement. This is a calculated 30% excess amount of cement necessary to cement the entire string to ~~surface~~ 500' above the top of the Ferron sandstone.
- 5- The schematic diagram of the B.O.P. is attached. The 3,000 psig working configuration will be used. Also, dependent upon the height from ground level to the return flow, a hydril or equivalent type of B.O.P. will be utilized as the top piece of the B.O.P stack.
- 6- It is planned to drill this well using air as the circulating medium. The only water anticipated to be used will be that employed in cementing the casing.
- 7- The auxilliary equipment to be used will be that applicable to prudent air drilling practices. The blooie line will be terminated at a minimum distance of 150 feet from the rig. A relatively small blooie pit will be utilized. A Deduster and igniter will be used
- 8- It is planned to utilize open-hole logs in this well. They will consist of a gamma ray, compensated neutron formation density log, as well as a compensated sonic log and fracture detection log.
- 9- It is not anticipated that H₂S, abnormal pressures or high temperatures will be encountered in drilling this well. Bottom hole pressure gradient .35
- 10- It is expected to commence operations immediately upon permit approval. The estimated time to drill this well will be five (5) days.

WELL CONTROL EQUIPMENT

1. Surface Casing
 - A. Hole size for the surface casing will be 11 inches.
 - B. Setting depth for the surface casing will be approximately 120 feet.
 - C. Casing specifications are 8 5/8 inches o.d; thread, Condition "A".
 - D. Anticipated pressure at setting depth is approximately 40 psig.
 - E. Casing will be run and cement will continue to be mixed until returns are evident at surface.
 - F. Top of the surface casing will be at ground level.

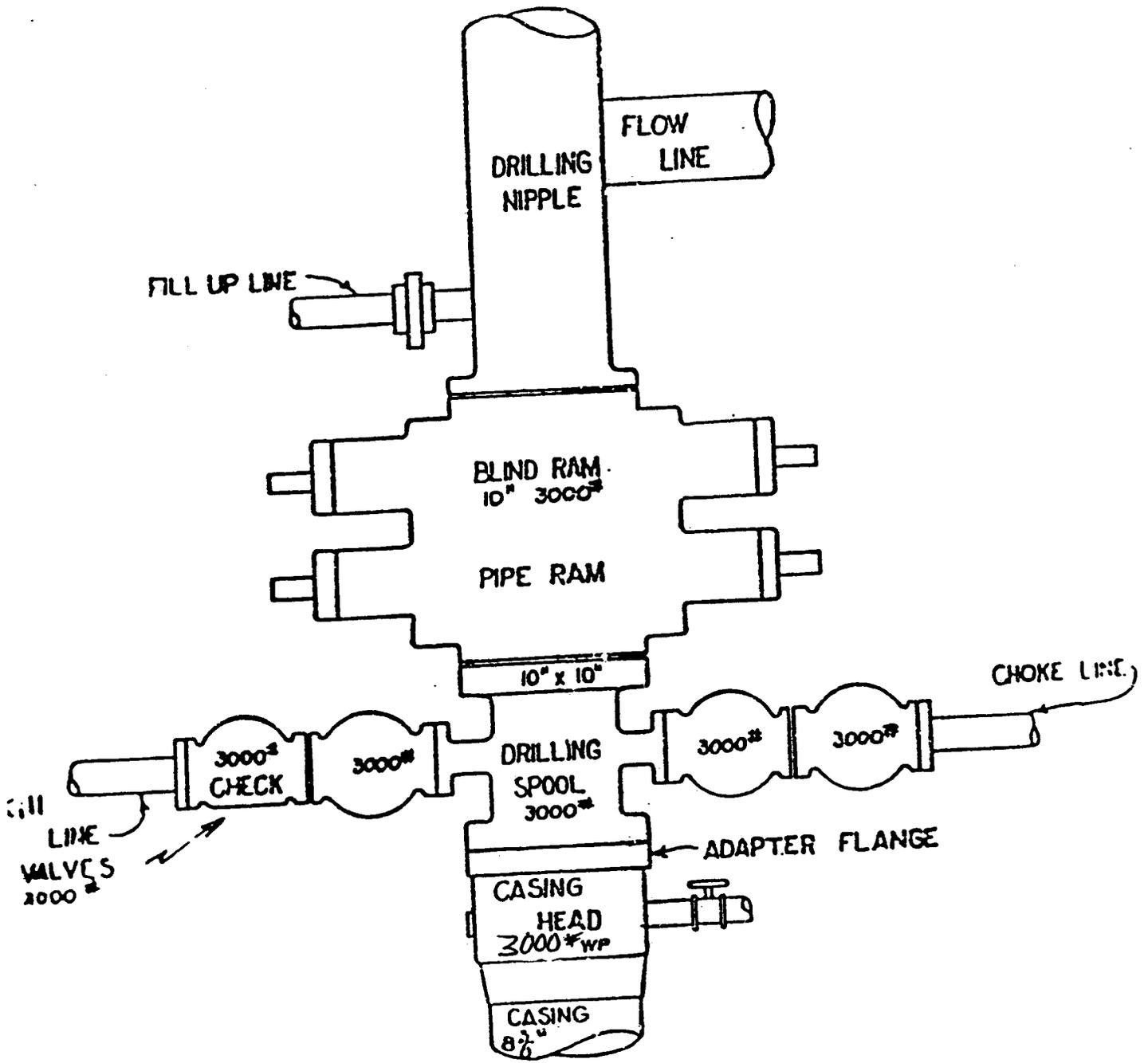
2. Casing Head
 - A. The flange size will be 6" series 3000 new equipped with 2 inch ports with nipples and 2" 3000 lb. working pressure valves. Casing head and valves will be set above ground.

3. Intermediate Casing
 - A. None

4. Blowout Preventers
 - A. Double Ram, hydraulically operated, one set of pipe ram for 2 7/8" drill pipe, and one set of blind rams. They will be equipped with a mechanical closing device for back-up service. A Hydril or similiar type is planned to be used as the top piece of the B.O.P. stack.

5. Auxilliary Equipment
 - A. All that is standard for safe and prudent air drillind operations.

6. Anticipated Pressures
 - A. The anticipated pressure that is expected to be encountered will be approximately 983 psig.



F-L Energy Corp.
 BLOWOUT PREVENTER DIAGRAM

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

1. EXISTING ROADS -- for the location of the proposed well and the existing roads, see the attached topographic map.
 - A. The proposed well is located in the NW NW , Section 22, T16s R9, SLBM,
 - B. The proposed well is approximately 15 miles south of Price., Utah, along State Highway 10 , thence west 2 miles. A request will be made of the Utah Department of Transportation for an access way off the State Highway.
 - C. The proposed route is color coded in blue on the topographic map, from Price., Utah, to the well site.
 - D. Not applicable.
 - E. This is a proposed development location, and the only existing road within a 1-mile radius of the well site is State Highway dirt
 - F. There are no plans for the improvement or maintenance of the existing road (Utah State Highway) other than the normal maintenance of the road as provided by the Utah Department of Transportation.

2. PLANNED ACCESS ROADS

A planned access road will originate on Utah State Highway , and will proceed north for a distance of $\frac{1}{4}$ mile. The access road will originate on Mancos Shale, and will be very lightly graded during the drilling of this well. If the well is productive, the road will be contoured, sloped, and ditched. If, in the event a dry hole occurs, water bars will be made and the road restored to, as closely as possible, original conditions.

- (1) The width of the proposed access road will be 16 feet.
- (2) The grade of this access road will vary from flat to 2% and will not exceed this amount. The road will be constructed from native borrow accumulated during construction.
- (3) No turnouts are planned for this access road at this time, since none should be necessary.
- (4) No drainage design is required for the planned access road in this developmental stage of the project.
- (5) No culverts are planned in this development stage. No major cuts or fills are necessary for building the proposed access road.
- (6) The surfacing material shall be the native borrow material. No other material for construction is anticipated.

2. PLANNED ACCESS ROADS, cont.

- (7) No gates, cattleguards, or fence cuts are necessary in the building of this access road.
- (8) The road is presently not flagged, and not paved.

3. LOCATION OF EXISTING WELLS

The well location plat for _____ County indicates the existing wells in the immediate area of the proposed well site. The indicated wells are believed to be no longer productive. There are no other known wells, either productive, abandoned, or dry, than is shown on the attached plat.

- (1) Water wells -- 0
- (2) Abandoned wells -- .0
- (3) Temporarily abandoned wells -- None
- (4) Disposal wells -- 0
- (5) Drilling wells -- 0
- (6) Producing wells -- 0 3 miles to nearest
- (7) Shut-in wells -- 0
- (8) Injection wells -- 0
- (9) Monitoring or observation wells for other resources -- None

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

A. There are no existing production facilities located within one mile of the proposed well, which are owned or controlled by the lessee/operator.

- (1) Tank batteries -- 0
- (2) Production facilities -- 0
- (3) Oil gathering lines -- 0
- (4) Gas gathering lines -- 1 3/4 miles
- (5) Injection lines -- 0
- (6) Disposal lines -- 0

B. There are two diagrams attached. One indicates the location of production equipment in the event the well is oil productive. The second diagram indicates the production equipment for a gas well. All lines will be coated and wrapped and buried. The land usage

4. LOCATION OF EXISTING AND PROPOSED FACILITIES, cont.

for this equipment will be held to an absolute minimum.

- (1) See Drilling Rig Layout for the pad layout.
- (2) See Drilling Rig Layout for the dimensions of the facility.
- (3) Construction materials will be native borrow or cut exposed on the site.
- (4) Fences at the pits, wellhead, etc., will be constructed as protective measures and devices to protect livestock and wildlife.

C. After operations cease, and provided surface disturbances have occurred, the surface will be leveled and sloped to pre-existing conditions. Recommendations for reseedling will be taken from BLM guidelines.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. The water usage at this well site will be very minimal. The water required will be obtained from PRICE, from the water rights of one of the ranches in the immediate area. There are no present plans for using saline water except for a 3% KCl solution that will be used during completion operations.
- B. The water will be transported from PRICE by truck on existing roads, and the planned access road. No pipeline is needed.
- C. No water well will be drilled on the site.

6. SOURCE OF CONSTRUCTION MATERIALS

- A. All construction materials for this location site and access road shall be native borrow rock and soil accumulated during the construction. No additional road gravel or pit lining materials are anticipated at this time. The loose weathered shale shall be pushed aside and saved. Redistribution of this material shall occur on the drilling site immediately following cessation of completion operations. Reuse of this weathered shale shall be done as requested by the jurisdictional BLM office.
- B. Items described in 6A. above are from Federal lands or private surface.
- C. The materials are to be obtained and used as described in 6A. above. If any other materials are needed, the appropriate actions will be taken to acquire them from private sources after notification has been given to the proper regulatory agencies.
- D. No other access roads are required other than described in Section 2 above.

7. METHODS FOR HANDLING WASTE DISPOSAL

- (1) Cuttings -- A small reserve pit (20' X 75') will be used as a blooie line collection pit, and will be used for cuttings.
- (2) Drilling fluids -- A small reserve pit will be used to contain and dispose of drilling fluids.
- (3) Produced fluids (oil, water) -- The reserve pit will also be used to contain and dispose of any produced fluids, and any excess water that might be used. Also see 7 (3) a
- (4) Sewage -- A sanitary ~~hole will be constructed~~ ^{portable unit will be used} on the site to contain and dispose of any sewage.
- (5) Garbage and other waste material -- Covered trash cages will be constructed, and all trash collected will be picked up and hauled away.
- (6) The reserve pit will be folded in and recontoured as soon as possible following the completion of operations. The sanitary hole will also be treated in this manner. Both areas will be reseeded. The covered trash cages will be removed.

8. ANCILLARY FACILITIES

One motor home (self-contained) and one dog house will be used on location. No additional ground or facilities will be used for this equipment. There are no plans for an airstrip. For emergency facilities, Carbon County Airport will be used.

9. WELL SITE LAYOUT

The plan for the layout of the drilling equipment is indicated in the schematic Diagram for the Drilling Rig Layout. There may be slight additions or deletions that may occur if the drilling contractor decides to add or delete from the anticipated facilities. The plat indicates the following:

- (1) Cross sections of the pad, showing details of the cuts and fills. As this location is relatively flat, a minimum amount of cut and fill will be needed.
- (2) Location of the mud tanks, reserve, burn and trash cages, pipe racks, living facilities, and soil material stockpiles.
- (3) Rig orientation, parking areas, and access roads.
- (4) All pits in the development stage of the project will be unlined. As indicated in the separate production facilities plats for gas or oil, the fluid pits would be lined.

7. (3) a

F.L. Energy Corp.
2020 East 3300 So.
Suite 26
S.L.C. UT. 84109

Produced Water Use Intentions

Well / APD Wildcat Wash 1-22

Lease U67161

Surface discharge.
Contract disposal.
Use disposal well.
Mechanical filtration.
Bio Filtration.
Process water for beneficial use.

Initially the water will be hauled to envirocare for disposal. arrangements hav been made with Elaine.

10. PLANS FOR RESTORATION OF SURFACE

- (1) After drilling operations have been concluded and equipment removed, the well site areas will be cleaned, leveled, reseeded, and restored to blend with the surrounding topography. The pits will be covered, and all trash will be removed.
- (2) Reseeding will be done at the direction of the BLM. The F-L Energy Company has on record a \$25,000.00 Statewide Federal Bond.
- (3) All pits will be fenced prior to disposal of any waste material, and the open side of the reserve pit will be fenced before removing the rig from the location. The fences will be maintained in good condition until the restoration of the surface has commenced.
- (4) Any oil or condensate on any temporary pit will be removed in a timely manner. Overhead flagging or netting will be installed on any sump pit used to handle well fluids during the producing life of the well.
- (5) Restoration activities shall begin within 90 days after the completion of the well. Once restoration activities have begun, they shall be completed within 60 days.

11. OTHER INFORMATION

- (1) Land description: The area is fairly flat, but is also in near proximity to several rolling hills to the south. The Wasatch Plateau is to the west, and the San Rafael Swell lies to the east.
- (2) There are no other surface-use activities and surface ownership of the involved lands. **Federal per operator jc*
- (3) There are no water, occupied dwellings, archeological, historical, or cultural sites in the proximity of the well site. The only structure of interest within 3 miles of the site is Utah State Highway 10.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

The F-L Energy Company is the designated Operator of the lease. The Operator's supervisor will be:

Jim Hemingway
820 w. Old highway rd.
Morgan, UT. 84050
(801) 829-0670
(801) 557-9336 Dax S

Jim Hemingway

13. CERTIFICATION

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

Sept. 4, 1998

Date



Paul Pullman
President
F-L Energy Company

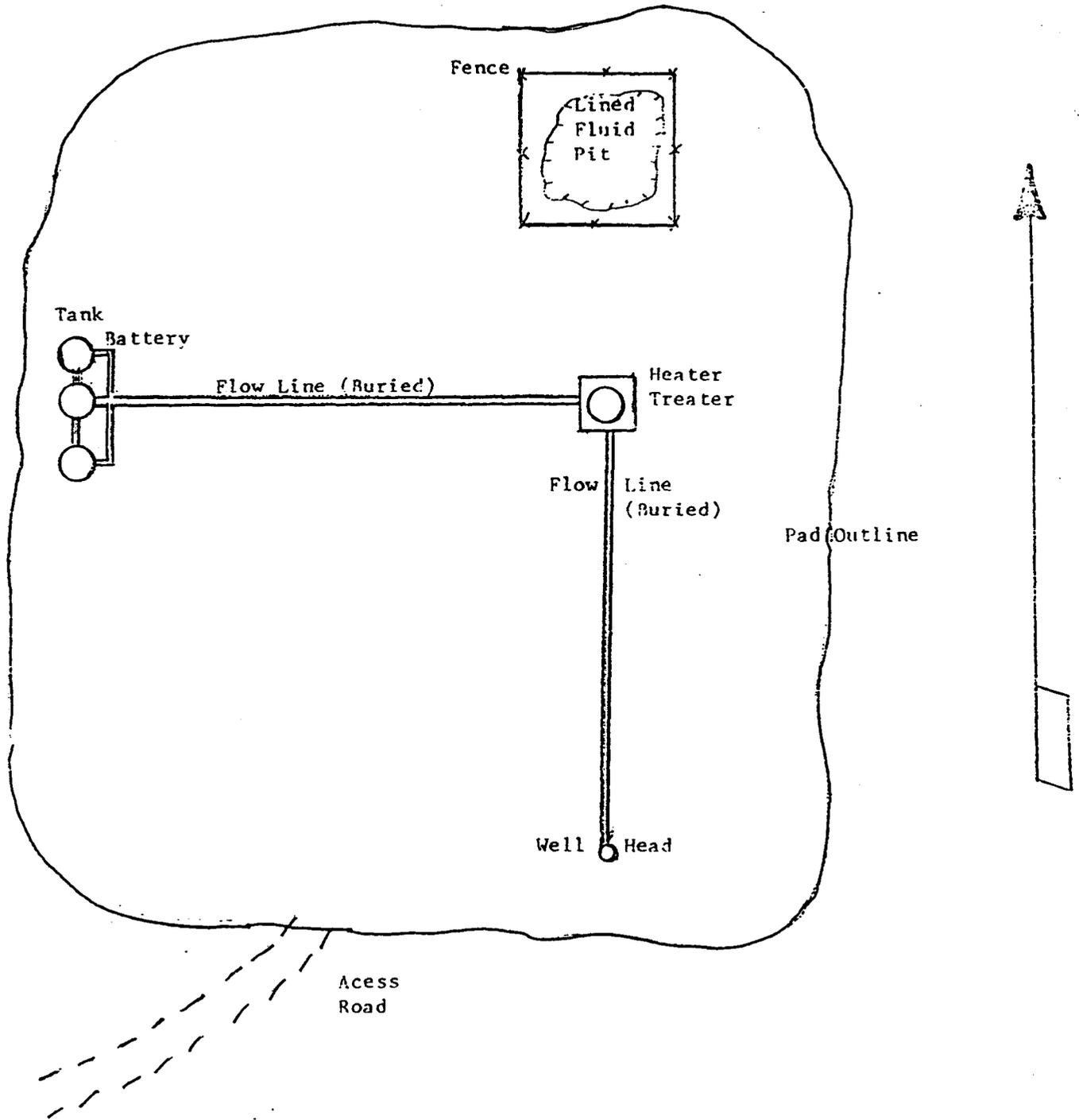
SELF-CERTIFICATION STATEMENT

Be advised that F L ENERGY is considered to be the operator of Well No. Wildcat Wash1-22 (11)nwnw, Sec.22 , T.16 S., R.9 E., Lease U67161 Emery County, Utah, and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond Coverage for this well is provided by Bond No. UT 1013.
(Principal F L / BIM) via surety consent as provided for in 43 CFR 3104.2.

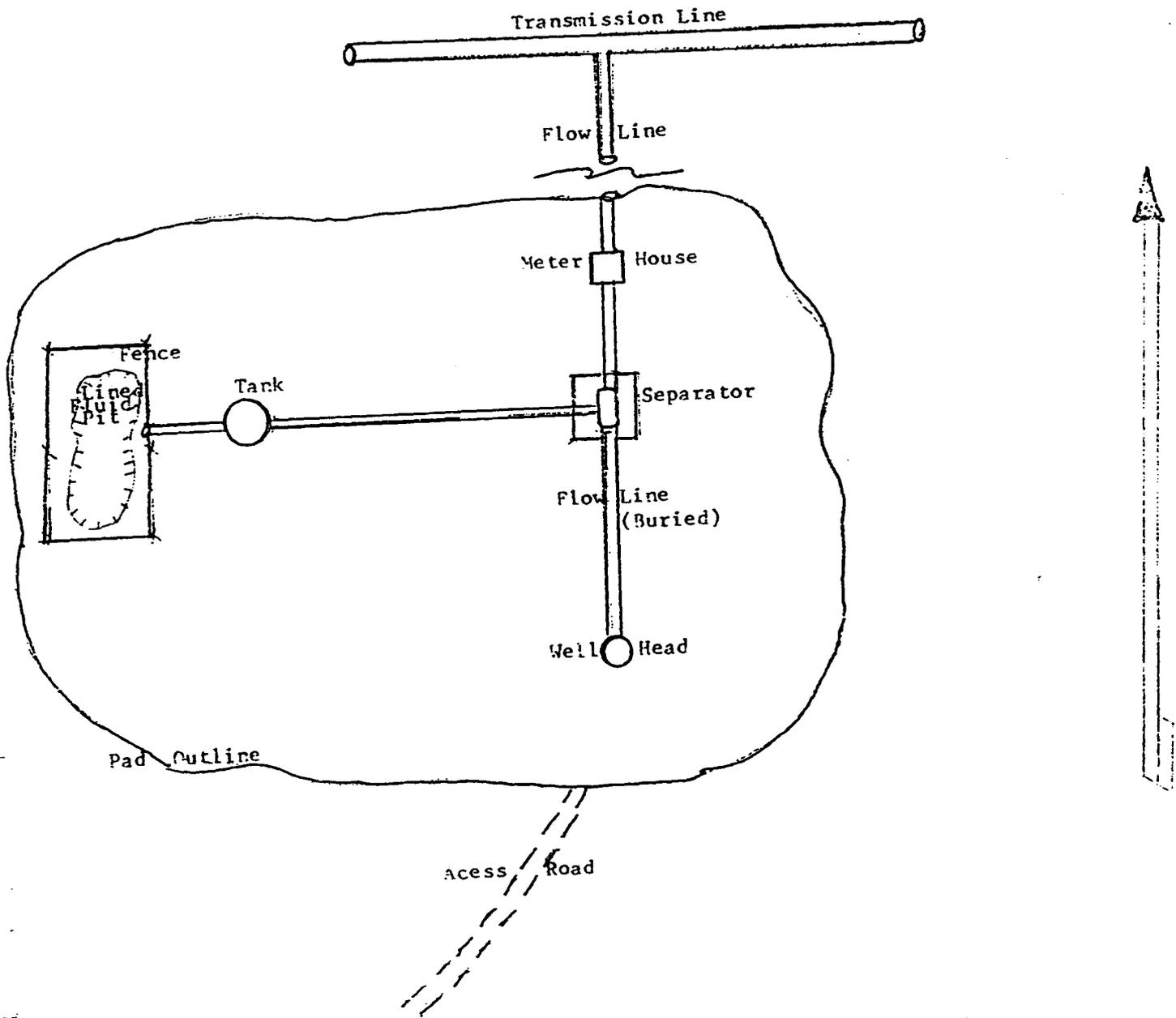
This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

F-L ENERGY COMPANY
Production Facilities
Oil



Approx. Scale: 1" = 50'

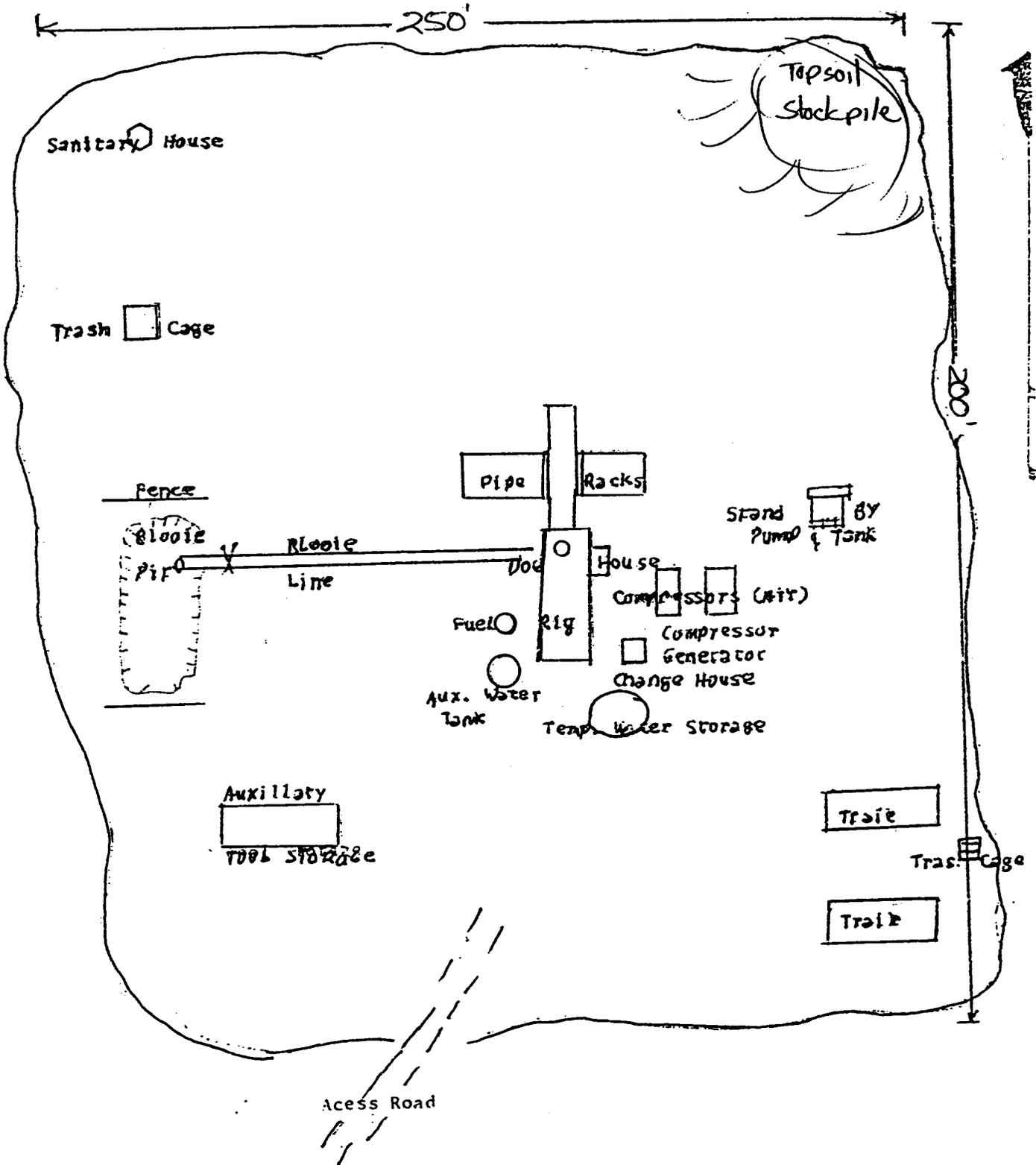
F-L ENERGY COMPANY
Production Facilities
Gas



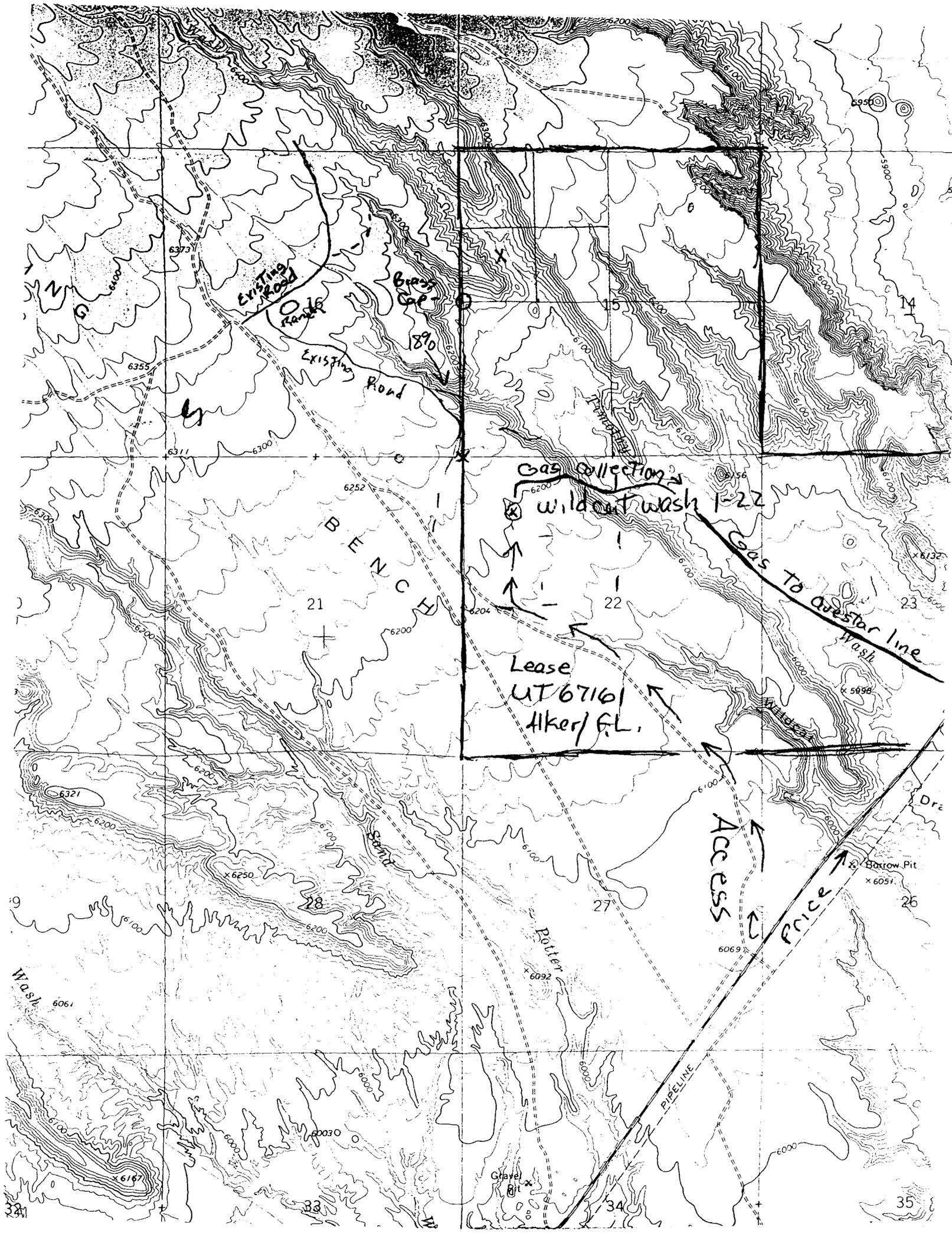
Approximate Scale: 1" = 50'

Schematic Diagram

Drilling Rig Layout



(approximate)



Existing Road

Branch Road

Existing Road

Gas collection without wash 1-22

Lease UT 67161 Hker/FL.

Gas to Orestar line Wash

Access

PIPELINE

Boxlow Pit x 6051

Gravel pit

Rotter

Wash

Dre

35

59

14

23

26

34

5200

6500

5900

6373

6355

6311

6252

6200

6200

6204

6321

6250

6061

6167

60030

6092

6069

6000

APPLICATION FOR TRANSPORTATION AND
 UTILITY SYSTEMS AND FACILITIES
 ON FEDERAL LANDS

FORM APPROVED
 OMB NO. 1004-0061
 Expires: August 31, 1998

FOR AGENCY USE ONLY

Application Number

Date filed

NOTE: Before completing and filing the application, the applicant should completely review this package and schedule a preapplication meeting with representatives of the agency responsible for processing the application. Each agency may have specific and unique requirements to be met in preparing and processing the application. Many times, with the help of the agency representative, the application can be completed at the preapplication meeting.

<p>1. Name and address of applicant (include zip code) F L ENERGY CORP. 2020 E. 3300 So. Suite 26 SLC, UT 84109</p>	<p>2. Name, title, and address of authorized agent if different from item 1 (include zip code) Jim HEMINGWAY 820 W. Old Hwy Rd. Morgan, UT. 84050</p>	<p>3. TELEPHONE (area code) Applicant (801) 497-0744 Authorized Agent (801) 829-0670</p>
<p>4. As applicant are you? (check one)</p> <p>a. <input type="checkbox"/> Individual b. <input checked="" type="checkbox"/> Corporation* c. <input type="checkbox"/> Partnership/Association* d. <input type="checkbox"/> State Government/State Agency e. <input type="checkbox"/> Local Government f. <input type="checkbox"/> Federal Agency</p> <p>* If checked, complete supplemental page</p>	<p>5. Specify what application is for: (check one)</p> <p>a. <input checked="" type="checkbox"/> New authorization b. <input type="checkbox"/> Renewing existing authorization No. c. <input type="checkbox"/> Amend existing authorization No. d. <input type="checkbox"/> Assign existing authorization No. e. <input type="checkbox"/> Existing use for which no authorization has been received* f. <input type="checkbox"/> Other*</p> <p>* If checked, provide details under item 7</p>	<p>(801) 557-9336 days</p>

6. If an individual, or partnership are you a citizen(s) of the United States? Yes No

7. Project description (describe in detail): (a) Type of system or facility, (e.g., canal, pipeline, road); (b) related structures and facilities; (c) physical specification (length, width, grading, etc.); (d) term of years needed; (e) time of year of use or operation; (f) Volume or amount of product to be transported; (g) duration and timing of construction; and (h) temporary work areas needed for construction (Attach additional sheets, if additional space is needed.)

Requesting ROW to use 3/4 mile of existing road in the East 1/2 of sec 27 T16S R9E Emery Co. UT.

This is a dirt road 16' wide, crowned and ditched but doesn't appear to have ever been graveled.

We will want to gravel this road if the well is found to be commercially productive. Not expected for the drilling phase.

The time of use for the drilling phase will be 4 months.

If the well is productive the time of usage will be 30 years.

8. Attach a map covering area and show location of project proposal yes

9. State or Loc government approval: Attached Applied for Not required

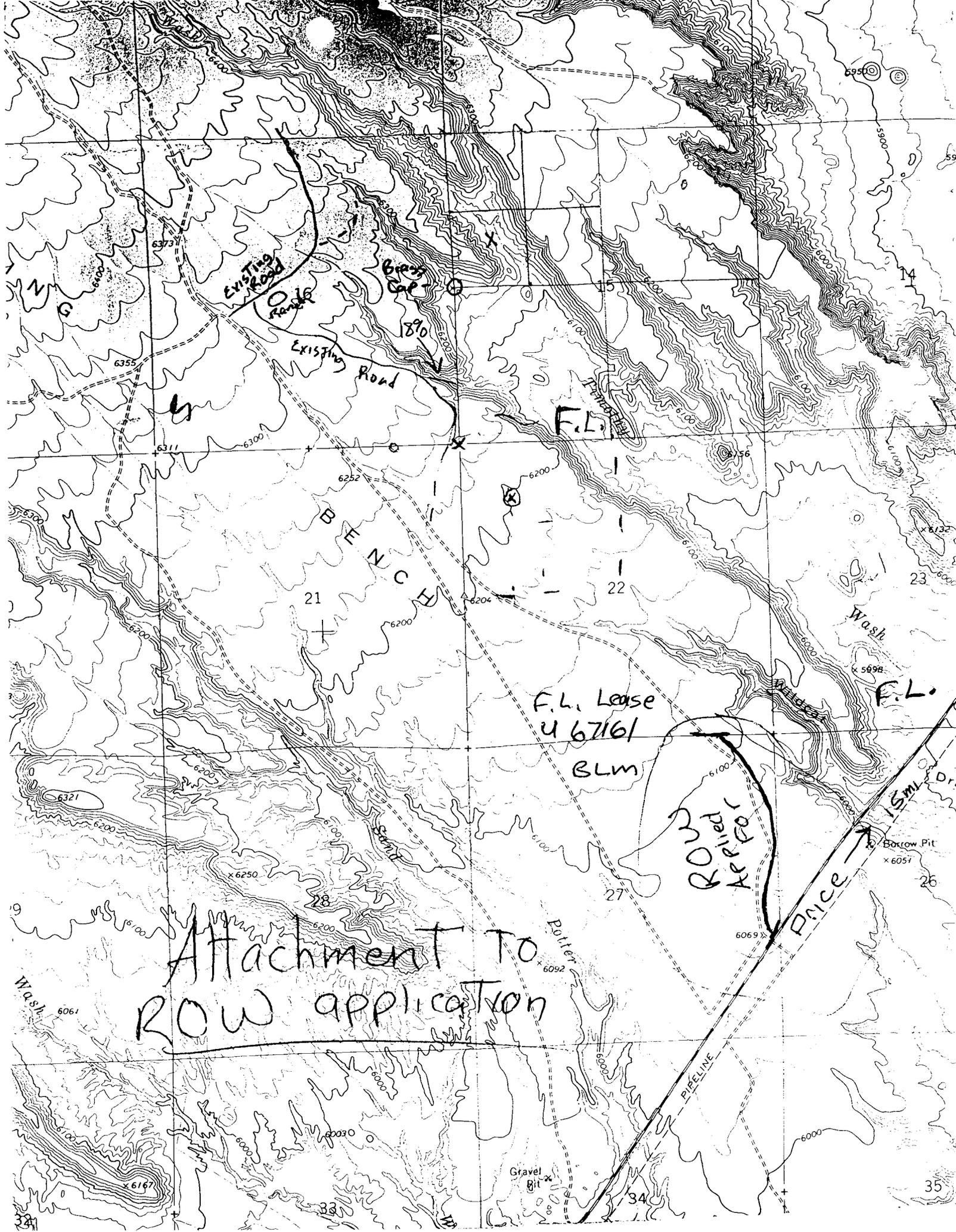
10. Nonreturnable application fee: Attached Not required To be determined

11. Does project cross international boundary or affect international waterways? Yes No (If "yes," indicate on map)

12. Give statement of your technical and financial capability to construct, operate, maintain, and terminate system for which authorization is being requested.

The project will be supervised by Engineers, the work will be done by competent contractors.

F L Energy and our investors have the financial resources to complete the upgrade, maintain and reclaim as required.



Attachment to
ROW application

F.L. Lease
U 67161
BLM

ROW
Pipe
Access

PRICE →

Existing Road

Existing Road

B
E
N
C
H

F.L.

F.L.

Gravel Pit

Boxrow Pit

35

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/15/98

API NO. ASSIGNED: 43-015-30343

WELL NAME: WILDCAT WASH 1-22
 OPERATOR: FL ENERGY CORPORATION (N2120)
 CONTACT: Jim Hemingway (801) 557-9336

PROPOSED LOCATION:
 NWNW 22 - T16S - R09E
 SURFACE: 0616-FNL-0824-FWL
 BOTTOM: 0616-FNL-0824-FWL
 EMERY COUNTY
 WILDCAT FIELD (001)

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

LEASE TYPE: FED
 LEASE NUMBER: U-67161
 SURFACE OWNER: Federal

PROPOSED FORMATION: FRSD

RECEIVED AND/OR REVIEWED:

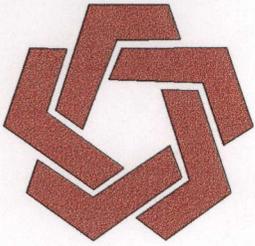
- Plat
- Bond: Federal State Fee
 (No. KT 1013)
- Potash (Y/N)
- Oil Shale (Y/N) *190-5(B)
- Water Permit
 (No. City of Price)
- RDCC Review (Y/N)
 (Date: _____)
- St/Fee Surf Agreement (Y/N)

LOCATION AND SITING:

- R649-2-3. Unit _____
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
 Board Cause No: _____
 Date: _____

COMMENTS: _____

STIPULATIONS: ① FEDERAL APPROVAL



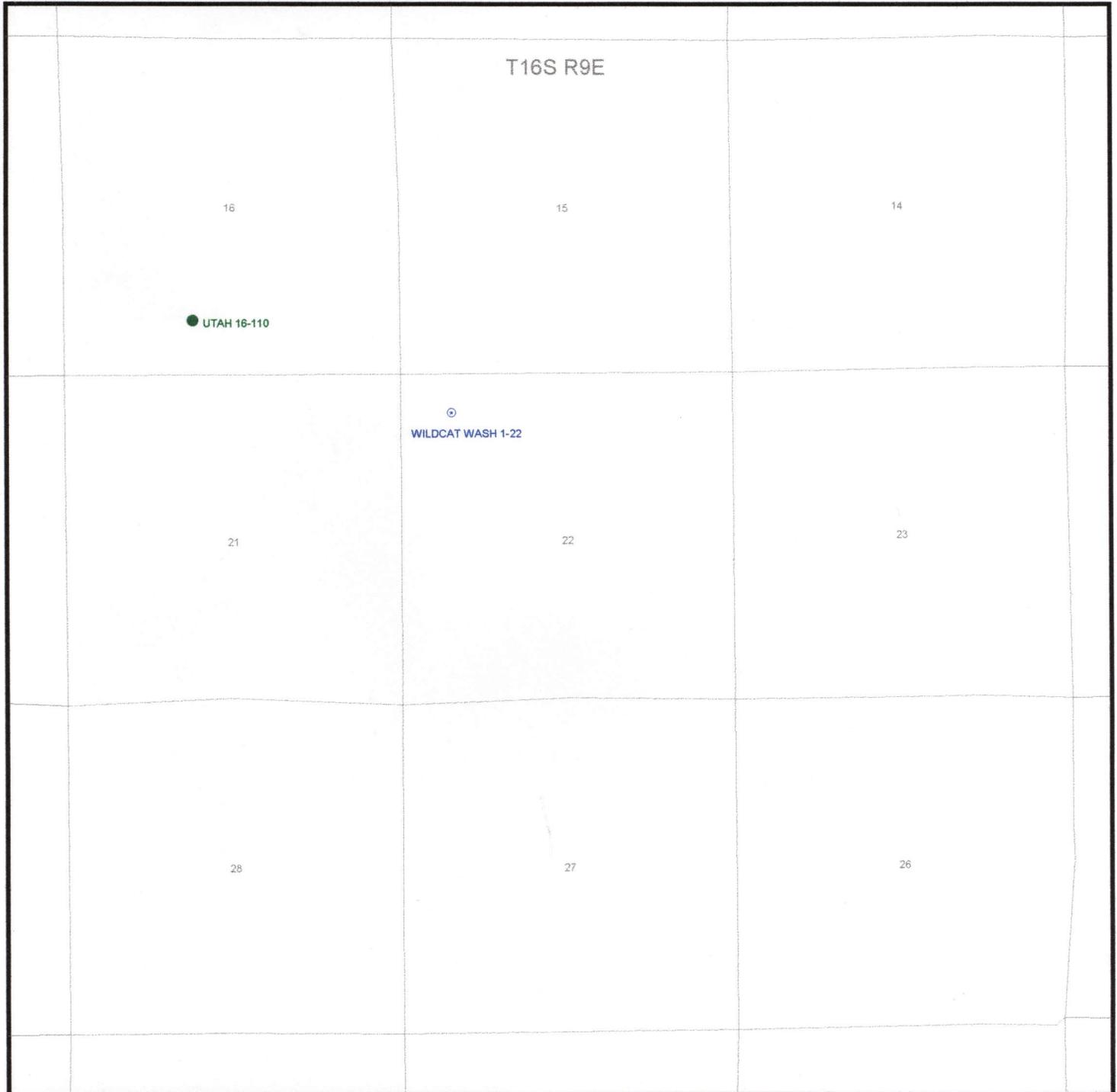
DIVISION OF OIL, GAS & MINING

OPERATOR: F.L. ENERGY CORPORATION (N2120)

FIELD: WILDCAT (001)

SEC. 22, TWP 16S, RNG 9E

COUNTY: EMERY UNIT: NONE



DATE PREPARED:
17-SEP-1998



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

1594 West North Temple, Suite 1210
PO Box 145801

Salt Lake City, Utah 84114-5801
801-538-5340

801-359-3940 (Fax)
801-538-7223 (TDD)

Michael O. Leavitt
Governor

Lowell P. Braxton
Division Director

September 17, 1998

F L Energy Corporation
2020 East 3300 South, Suite 26
Salt Lake City, Utah 84109

Re: Wildcat Wash 1-22 Well, 616' FNL, 824' FWL, NW NW, Sec. 22,
T. 16 S., R. 9 E., Emery County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-015-30343.

Sincerely,

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

John R. Baza
Associate Director

lwp

Enclosures

cc: Emery County Assessor
Bureau of Land Management, Moab District Office

Operator: F L Energy Corporation
Well Name & Number: Wildcat Wash 1-22
API Number: 43-015-30343
Lease: U 67161
Location: NW NW Sec. 22 T. 16 S. R. 9 E.

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours prior to spudding the well. Contact Jim Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Dan Jarvis at (801) 538-5338 or Robert Krueger at (801) 538-5274.

3. Reporting Requirements

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

4. State approval of this well does not supersede the required federal approval which must be obtained prior to drilling.



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

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

October 4, 2000

Lynn Kano
F L Energy
2020 East 3300 South, Suite 18
Salt Lake City, Utah 84109

Re: APD Rescinded-Wildcat Wash 1-22, Sec. 22, T.16S, R9E, Emery County, Utah
API No. 43-015-30343

Dear Mr. Kano:

The Application for Permit to Drill for the subject well was approved by the Division of Oil, Gas and Mining on September 17, 1998. No drilling activity at this location has been reported to the division. Due to the excessive time delay in commencing drilling operations, approval to drill the well is hereby rescinded, effective immediately.

Please note that a new Application for Permit to Drill must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division of Oil, Gas and Mining immediately.

Sincerely,

A handwritten signature in cursive script that reads "Lisha Cordova".

Lisha Cordova
Eng. Technician

cc: Well File
Bureau of Land Management, Moab