

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK   
 b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER Wildcat  
 SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 Lab Energy

3. ADDRESS OF OPERATOR  
 7107 South, 400 West, Midvale, Utah 84047

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 661' FNL, 1989 FWL, Sec. 19, T. 7 S, R. 4 W, SLM  
 At proposed prod. zone  
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 25 miles SW of Cedar Fort, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 1989 FWL  
 (Also to nearest drig. unit line, if any)

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5106 Gr.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	29.30#	500	200 sacks or 100% excess
8 3/4"	5 1/2"	15.50#	6000'	100 sacks

Drilling program is as follows: 30 feet of 20" corrugated or steel casing will be set for conductor pipe and cemented to surface. 500 feet of 12 1/4" hole will be drilled and 9 5/8 inch 29.3# casing will be run to total depth and cemented to the surface with 100% excess class H cement. If hydrocarbons are discovered, 5 1/2" 15.5# casing will be run to total depth and cemented with 100 sacks of class H cement. Expected formation tops are as follows:  
 Tertiary, Salt Lake Formation Surface.  
 Paleozoic, Oquirrh Formation 2600 -TD  
 All casing in this well will be J55, 8rd, new.

5. LEASE DESIGNATION AND SERIAL NO.  
 U-52938  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 --  
 7. UNIT AGREEMENT NAME  
 Faust Unit  
 8. FARM OR LEASE NAME  
 Lab Energy  
 9. WELL NO.  
 19-3  
 10. FIELD AND POOL, OR WILDCAT  
 Wildcat  
 11. SEC. T. R. M. OR BLK. AND SURVEY OR AREA  
 Sec. 19, T. 7 S, R. 4 W  
 SLM  
 12. COUNTY OR PARISH  
 Tooele  
 13. STATE  
 Utah  
 16. NO. OF ACRES IN LEASE  
 2040  
 17. NO. OF ACRES ASSIGNED TO THIS WELL  
 Not spaced  
 19. PROPOSED DEPTH  
 6000'  
 20. ROTARY OR CABLE TOOLS  
 Rotary  
 22. APPROX. DATE WORK WILL START\*  
 February 1, 1985

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 Keith M. Hebertson TITLE Petroleum Engineer DATE 1/15/85

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE  
 OF UTAH  
 DIVISION OF OIL, GAS, AND MINING  
 DATE 2/21/85  
 John R. Baya  
 WELL SPACING: 6-7(B)

RECEIVED  
 JAN 17 1985  
 DIVISION OF OIL, GAS & MINING

\*See Instructions On Reverse Side

N<sup>1/2</sup> Cor  
Sec. 19

N<sup>1/2</sup> Cor  
Sec. 19

267294  
S. 89° 54' W.

WELL  
SITE  
#19-3  
EL. = 5106

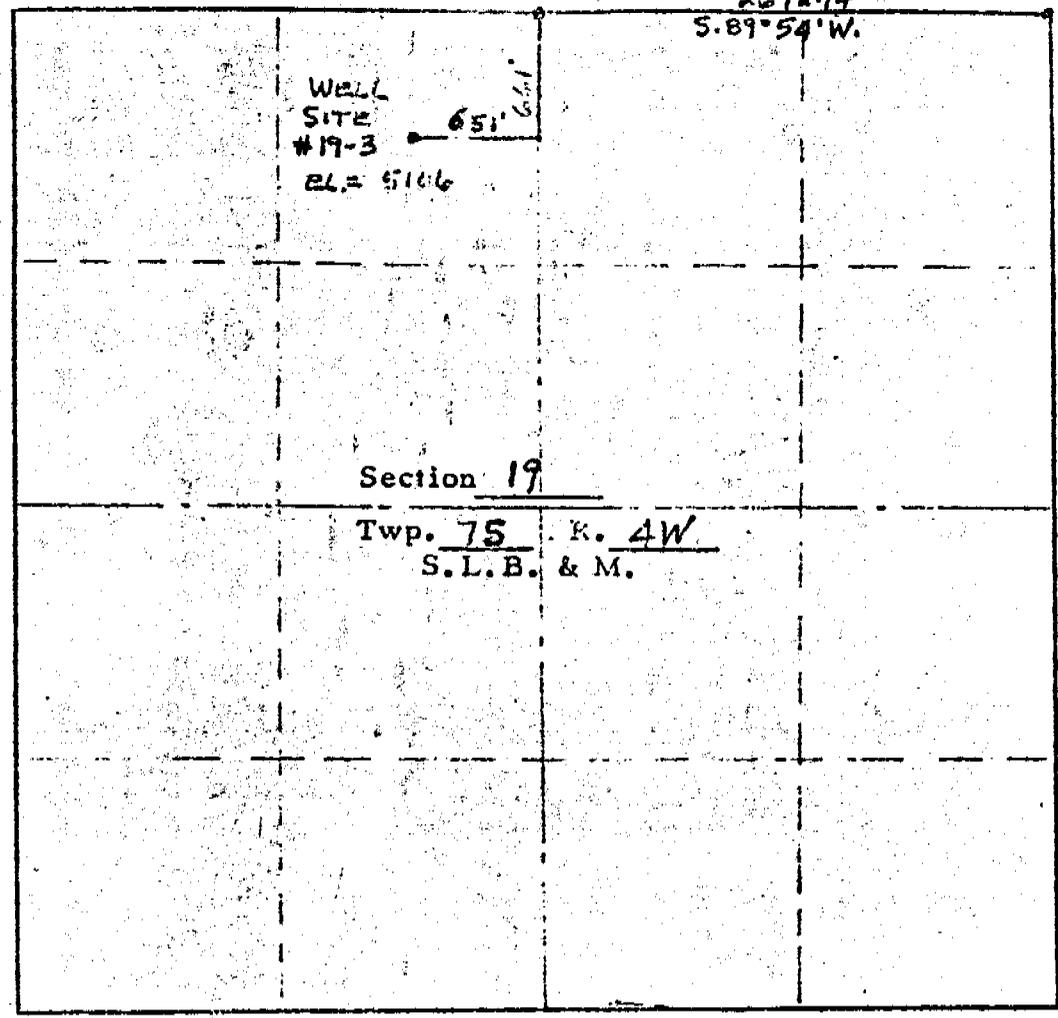
651' *661'*

Section 19

Twp. 7S R. 4W  
S.L.B. & M.



SCALE: 1" = 1000'



SURVEYOR'S CERTIFICATE

I, Kay L. Ryan, of Ryan Engineering Inc., do hereby certify that I am a Registered Land Surveyor, and hold certificate No. 4385 as prescribed by the laws of the State of Utah, and have made a survey as shown on this plat of:

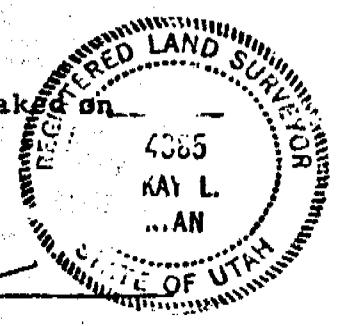
LAB Energy Inc., Federal #19-3, located 661 ft. South and 651 ft. West from the North  $\frac{1}{4}$  Corner, Section 19, Township 7 South, Range 4 West, Salt Lake Meridian.

Ground Line Elevation: 5106 (Approx.)

I further certify that the above plat shows the locations as staked on the ground.

Date 1-13-85

Kay L. Ryan



CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company: Lab Energy                      Well No. Faust Unit #19-3  
Location: NENW Sec. 19, T 7 S, R 4 W. Tooele County, Utah.  
Lease No. U-52938.  
Onsite Inspection Date: By appointment.

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

A. Drilling Program

1. Surface Formation and Estimated Formation Tops:

Surface: Salt Lake Formation  
2600'-TD: Paleozoic, Oquirrh Formation. (?)

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

	<u>Formation</u>	<u>Zone</u>
Expected oil zones:	Salt Lake Fm. Oquirrh Fm.	500'-2600' 2600'-TD
Expected gas zones:	Same.	
Expected water zones:	None.	
Expected mineral zones:	None	

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

3. Pressure Control Equipment:

3: Operator will maintain a minimum pressure control of 3000 psi. (See Figure 3). Blowout preventer will be operated with hydraulic and mechanical equipment. Kelly cocks will be available on the rig floor at all times. Drilling fluid weight sufficient to control well will be maintained. No over pressured zones are anticipated.

BOP systems will be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office will be notified 3 days in advance in order to have a BLM representative on location during pressure testing.

4. Casing Program and Auxiliary Equipment:

4: As indicated. (See Figure 4). Casing will be cemented at 500' in depth and approximately 4000' in depth.

Anticipated cement tops will be reported as to depth; not the expected number of sacks of cement to be used. The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

5. Mud Program and Circulating Medium:

Drilling medium will be fresh water gel mud with 2% KCL. Mud weight will be held to 9# per gallon or less unless increased weight is needed to prevent blowout. Mud system will be kept at balance to minimize lost circulation. Pit level will be monitored visually.

No hydrogen sulfide is anticipated.

6. Coring, Logging and Testing Program:

6: Three drill stem tests are anticipated but not specific. No cores are planned. The minimum logging program includes a Dual Induction Laterolog; a Compensated Formation Density log and Neutron log with Gamma Ray and Caliper; and a Long Spaced Sonic Log.

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

7. Abnormal Conditions, Bottom Hole Pressures and Potential Hazards:

7: It is expected that the reservoir drive pressure will be approximately equal to the hydrostatic pressure, or not more than 2000 psi. No hydrogen sulfide is expected. For contingency, a portable detector will be kept on site. If hydrogen sulfide is detected, the blowout preventers will be closed and the location evacuated until protective equipment can be provided.

No other mitigating circumstances were encountered in the #17-10 well drilled by Lab Energy to a depth of 7130 feet in 1983.

8. Anticipated Starting Dates and Notifications of Operations:

Location construction: January 20, 1985.

Spud date: February 1, 1985. Well must be under way as near to these dates as possible to meet unit requirements.

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

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

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the BLM, Salt Lake District Office, 2370 South 2300 West, SLC, Utah 84119.

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

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

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

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

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

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the

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

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

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and that the current status of surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

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

Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. The marker will be constructed as follows:

The top of the marker will be closed or capped.

The following minimum information will be permanently placed on the marker with a plate, cap or beaded-on with a welding torch.

"Fed" or "Ind", as applicable. "Well number, location by 1/4 1/4 section, township and range". "Lease number".

Other:

B. THIRTEEN-POINT SURFACE USE PLAN

1. Existing Roads:

a. Location of proposed well in relation to town or other reference point: Well is located approximately 25 miles SW of Cedar Fort Utah.

b. Proposed route to location:

1: All existing roads are shown on Figure 1 and 1A. Access to the locality is from State Highway #73 to the Faust Road, then west about 10 miles to the location which can be seen from the

road. A 3/4 mile section of unimproved road must be reconstructed.

c. Plans for improvement and/or maintenance of existing roads:

2: Roads requiring improvement are indicated in red. (Figure 1). The maximum disturbed width will be 30' or less. Maximum grade will be 5% or less. No turnouts are required. The center line is indicated on Figure 1 in red. All roads to be improved will be done according to the Class III requirements as defined by the Bureau of Land Management, including rehabilitation. No drainages will be impaired so no culverts will be required.

d. Location and description of roads in the area: See Figure 1.

e. Other: None

2. Planned Access Roads:

a. The maximum total disturbed width will be kept to 30 feet. No new construction is planned except as in (d) above.

b. Maximum grades: Grades can be kept to 7% or less.

c. Turnouts: No turnouts will be required.

d. Location (centerline): (See Figure 1).

e. Drainage: Roads will be ditched and drained as required by BLM regulations. A 12-14 inch culvert will be placed where access road turns off Faust road. (See Figure 1). No major drainages will be disturbed.

f. Surface Materials: Road and location will be gravelled with material from pit located in Sec. 17, T 7 S, R 4 W. (See Figure 1).

g. Other:

Surface disturbance and vehicular travel will be limited to the approved location and access road. Any additional area needed will be approved by the District Manager in advance.

3. Location of Existing Wells: There are no existing wells within one mile of this site.

4. Location of Tank Batteries and Production Facilities:

A detailed location plan for drilling purposes is attached. (Figure 2). Until production is established, it is requested that the plat showing facilities should be deferred, since at present, equipment needed is unknown. The location terrain is essentially flat. Topsoil will be stockpiled on the east side of the pad. The pad will be sloped slightly toward the north to permit drainage. The short access road and pad will be graveled

with gravel from nearby existing pits if needed. Access to the pad will be had along an existing unimproved road off the Faust road. The access road will be ditched and crowned in addition to gravelling. (See Figure 1).

All permanent (on site for six months or longer) structures constructed or installed (including oil well pumpjacks) will be painted a flat, non-reflective, earthtone color to match the standard environmental colors, as determined by the Rocky Mountain 5 State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1 1/2 times the storage capacity of the battery.

Tank batteries will be placed on the: Deferred.

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

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

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

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

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration, and reports will be submitted to the Salt Lake District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

✓ 5. Location and Type of Water Supply:

All water needed for drilling purposes will be obtained from: the Fitzgerald Ranch near Fairfield, Utah, Approximately 15 miles to east of location.

6. Source of Construction Material:

Road surfacing and pad construction material will be obtained from: Gravel pit located in C 17, T 7 S, R 4 W. (See Figure 1).

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

Construction material will not be located on lease.

7. Methods of Handling Waste Disposal:

The reserve pit will not be lined:

Three sides of the reserve pit will be fenced with sheep proof field wire fence before drilling starts. The fourth side will be fenced as soon as the drilling is completed. The fence will be kept in good repair while the pit is drying.

All trash must be contained and disposed of by: Burning in a pit constructed for the purpose.

If burning is required, a permit will be obtained from the State Fire Warden, Tooele, Utah.

Produced waste water will be confined to a (line/unlined) pit for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the District Manager's approval pursuant to Onshore Oil and Gas Order No.3 (NTL-2B). Failure to file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order.

8. Ancillary Facilities:

8: The only ancillary facilities required will be two trailers, one for the toolpusher and one for company personnel. In addition, the mud logging contractor will have a trailer and there may be one trailer for mud storage. (See Figure 2). A chemical toilet will be provided.

Camp facilities will not be required.

9. Well Site Layout: See Figure 2.

The reserve pit will be located: On the North side of the pad.

The top 4 inches of soil material will be removed for the location and stockpiled separately on: The northwest corner of the pad, away from traffic.

Topsoil along the access road will be reserved in place adjacent to the road.

Access to the well pad will be from: The east end, off existing road. (See Figure 1).

The trash pit will be located: See Figure 2.

10. Plans for Restoration of Surface:

10: Upon completion of operations, the pits will be filled and the topsoil replaced over the location. Reseeding will be as directed by the appropriate range management agency. No significant drainages will be affected. The operator or his agent will notify the District BLM office 48 hours before starting reclamation work.

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

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed.

The operator or his contractor (will/will not) notify the Salt Lake District Office forty-eight (48) hours before starting reclamation work that involves earthmoving equipment and upon completion of restoration measures.

All disturbed areas will be recontoured to the approximate natural contours.

The stockpiled topsoil will be evenly distributed over the disturbed areas.

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

Seed will broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.

The following seed mixture will be used:

The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed.

Additional Requirements: \_\_\_\_\_

11. Surface and Mineral Ownership: All surface is federally owned.

12. Other Information: A Blanket Archeological study has been done and a report will be forwarded immediately upon completion, by the University of Utah Department of Archeology.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.2.

"Sundry Notice and Report on Wells" (Form 3160-5) and will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.

The dirt contractor will be provided with an approved copy of the surface use plan.

A cultural resource clearance (will/will not) be required before any construction begins. If any cultural resources are found during construction, all work will stop and the AO will be notified.

This permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

13. Lessee's or Operators Representative and Certification:  
Attached.

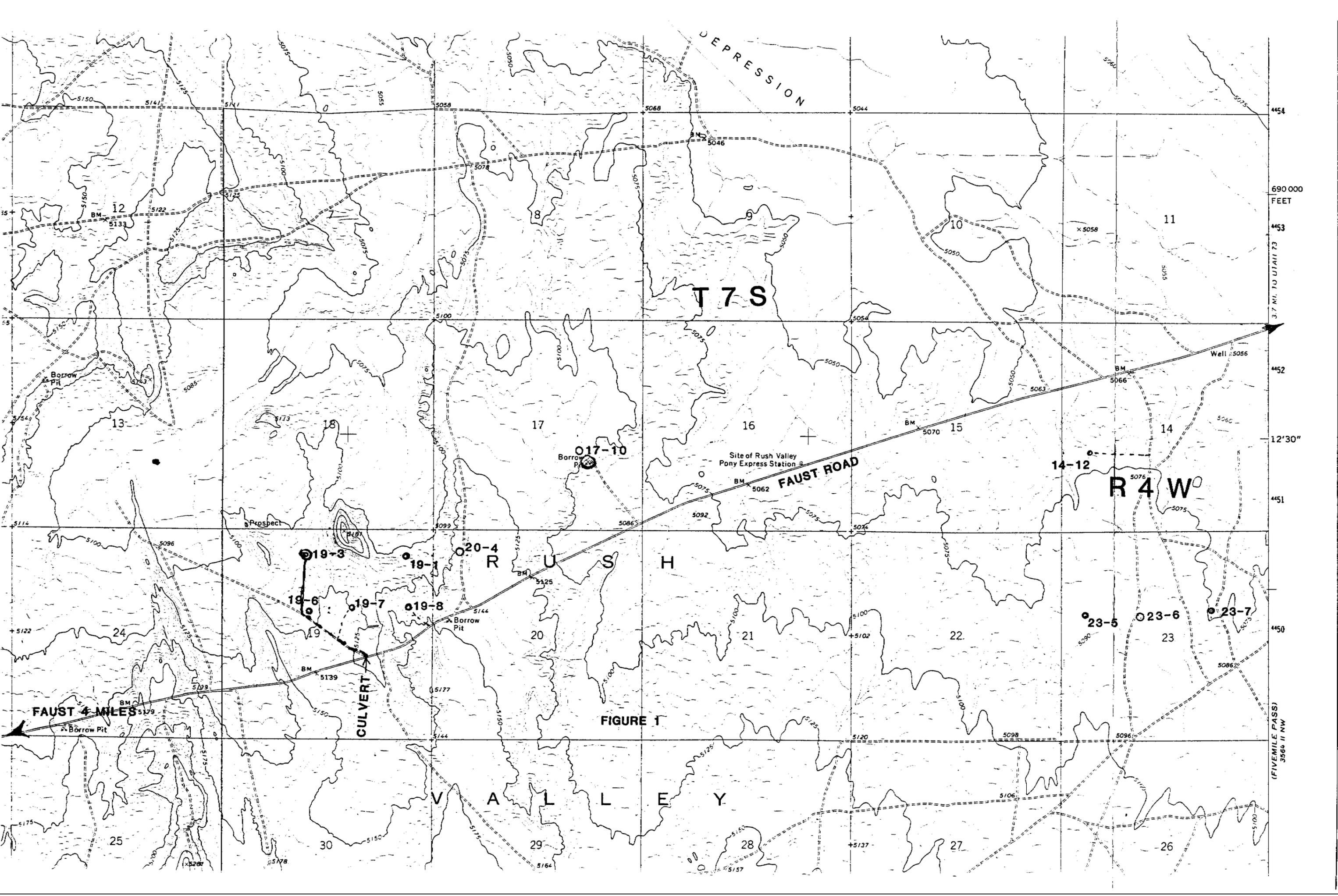
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by Lab Energy and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

DATE: Jan 15, 1985

NAME AND TITLE Keith M. Hebertson  
Keith M. Hebertson, Petroleum Engineer

Keith M. Hebertson Telephone (801) 278-2109  
Hebertson Petroleum Consulting Inc  
2797 Sommet Drive  
Salt Lake City, Utah 84117

Frank P. Turner Telephone (801) 268-0067  
4785 So. Meadow View Road  
Murray, Utah 84107



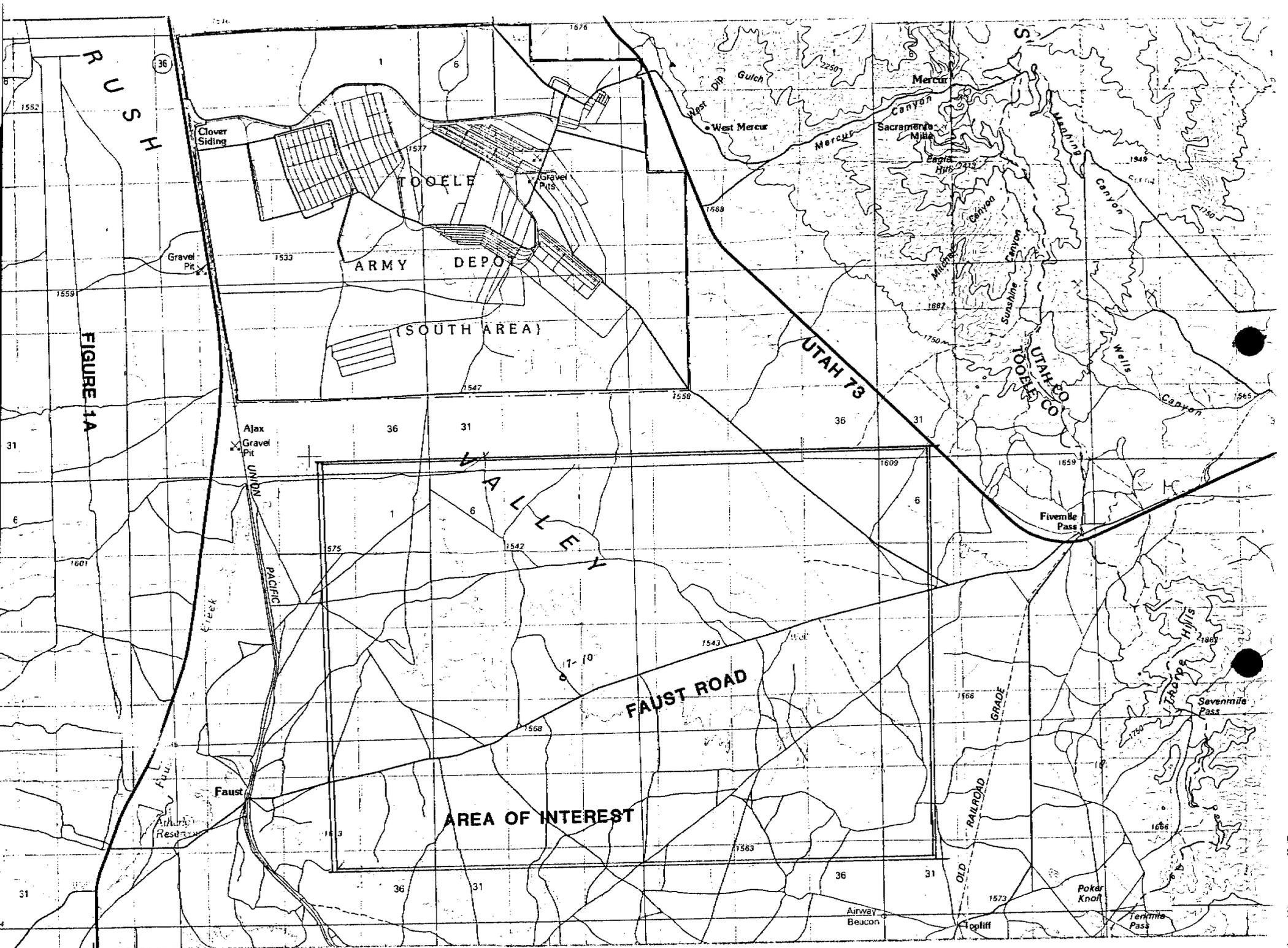


FIGURE 1A

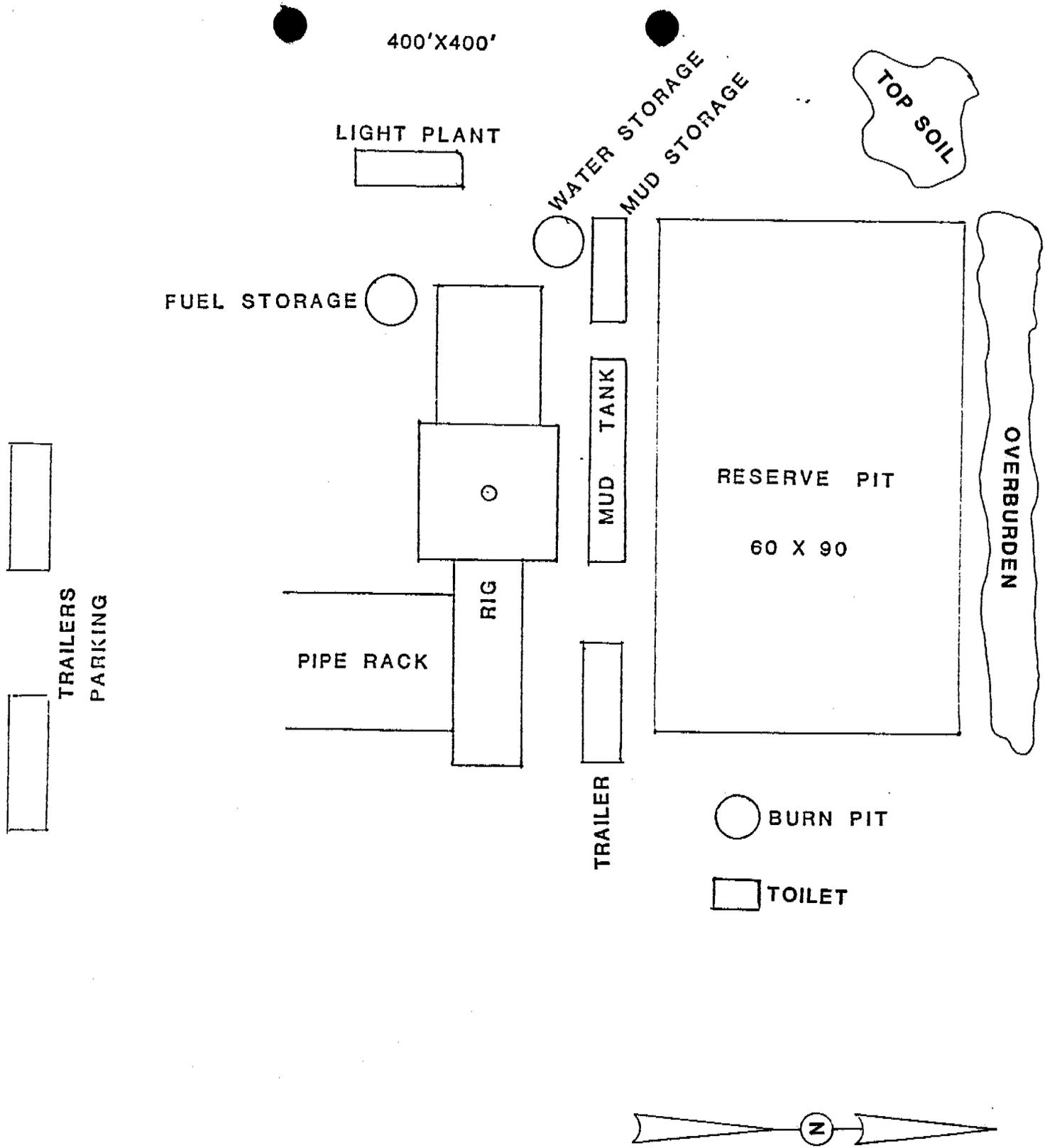


FIGURE 2

LOCATION PLAN

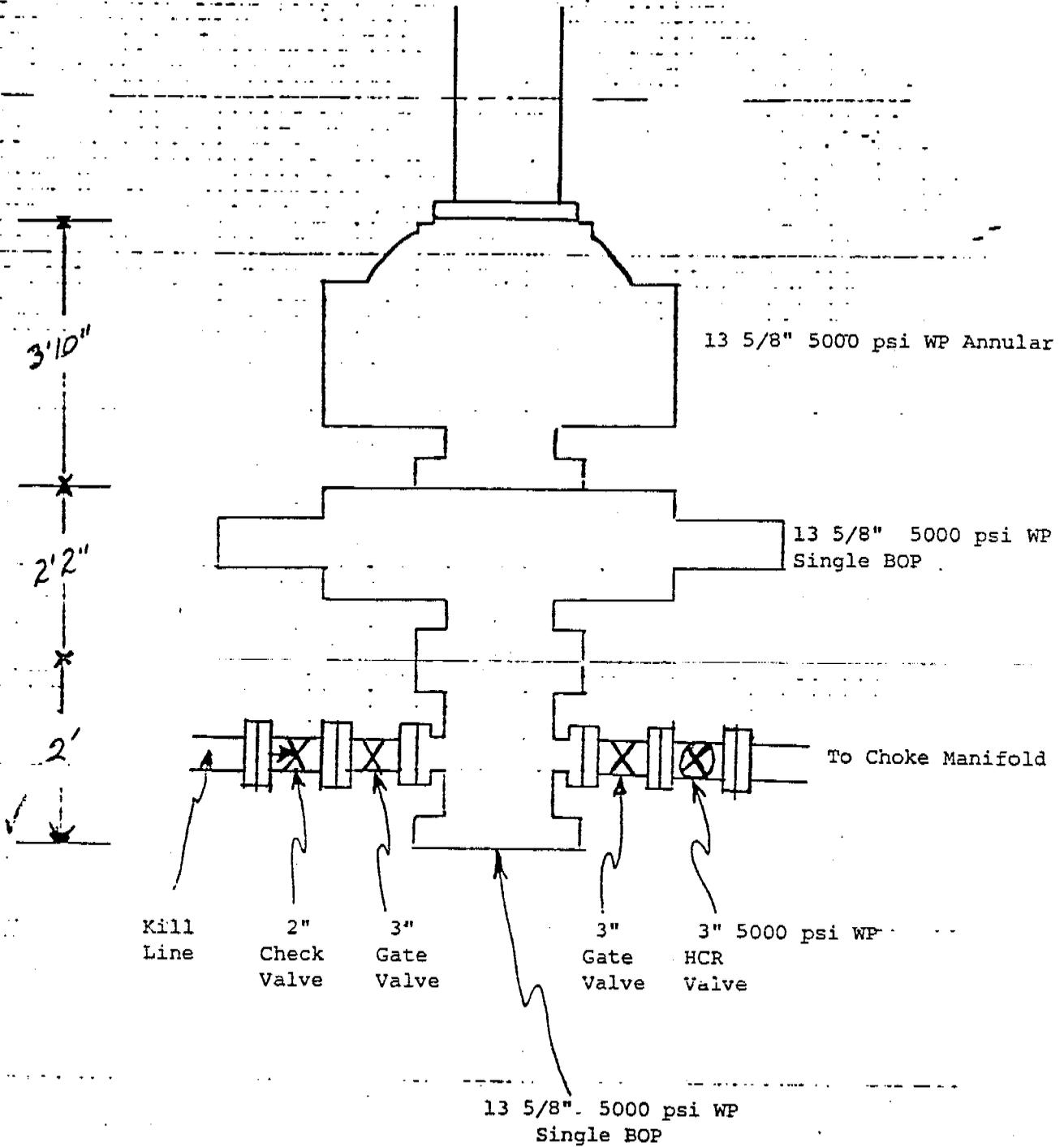


FIGURE 3

SCHEMATIC DIAGRAM  
CASING DETAIL FOR  
SHALLOW WELL SINGLE  
STRING COMPLETION  
RUSH VALLEY, TOOELE  
COUNTY, UTAH

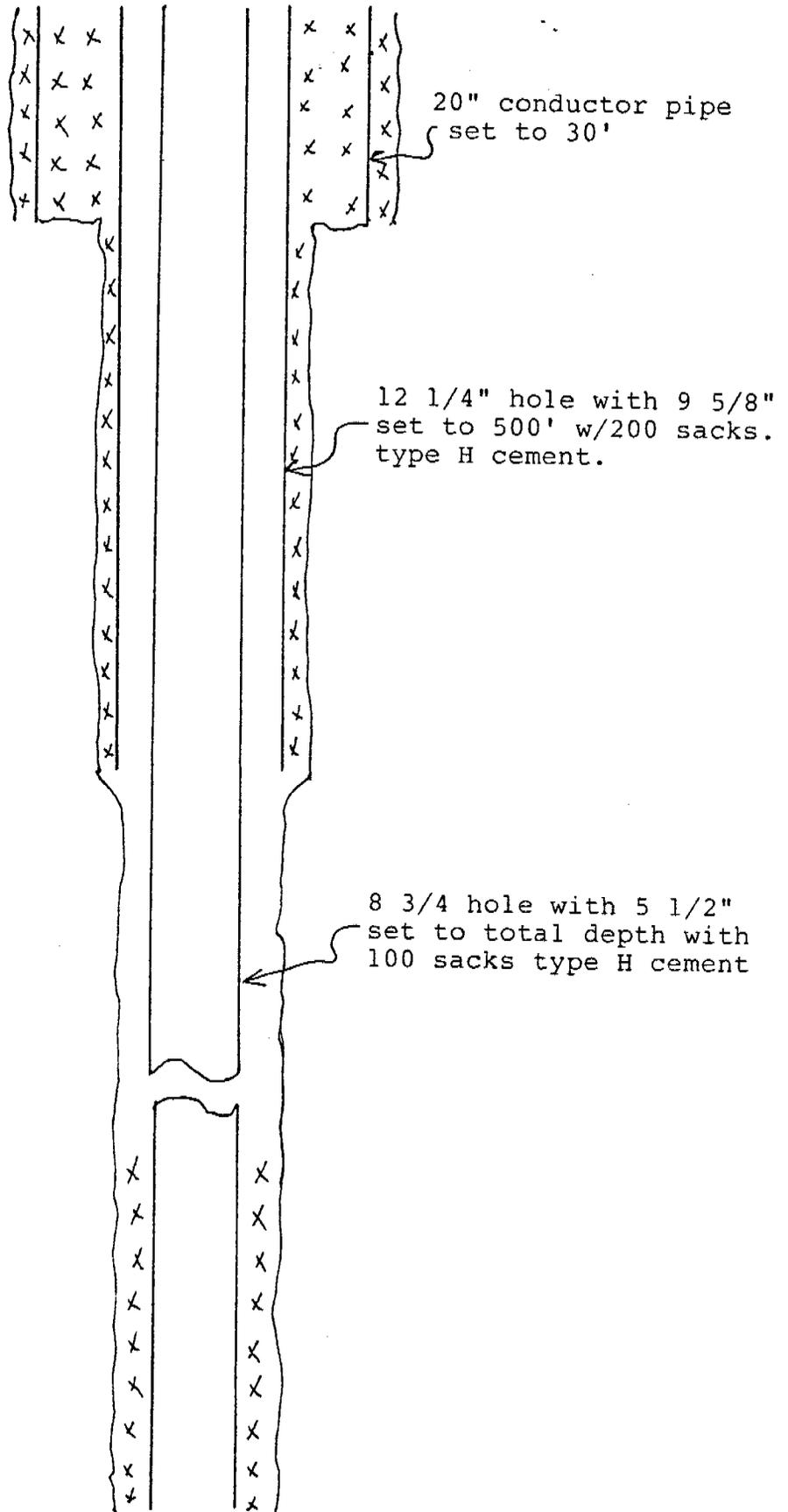


FIGURE 4

OPERATOR Lat Energy DATE 12-28-84

WELL NAME Lat Energy #19-3

SEC NE NW 19 T 7S R 4W COUNTY Booke

43 045-30020  
API NUMBER

Full  
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other well within 1000'

Need water permit

APPROVAL LETTER:

SPACING:  A-3 Full UNIT

C-3-a \_\_\_\_\_ CAUSE NO. & DATE

C-3-b

C-3-c

STIPULATIONS:

1- Water



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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

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

... the one (1) ... **February 21, 1985** ...  
... is operation ... as an approval ...  
... prior to ...

Lab Energy  
7107 South 400 West  
Midvale, Utah 84047

Gentlemen:

Re: Well No. Lab Energy #19-3 - NE NW Sec. 19, T. 7S, R. 4W  
661' FNL, 1989' FWL - Tooele County, Utah

Approval to drill the above referenced oil well is hereby granted in accordance with Rule C-3 (b), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

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

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Page 2  
Lab Energy  
Well No. Lab Energy #19-3  
February 21, 1985

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-045-30020.

Sincerely,



R. A. Firth  
Associate Director, Oil & Gas

as  
Enclosures  
cc: Branch of Fluid Minerals

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate  
(Other instructions on  
reverse side)

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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 DRILL       DEEPEN       PLUG BACK

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2040

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February 1, 1985

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SLM

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Tooele

13. STATE  
Utah

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12 1/4"	9 5/8"	29.30#	500	200 sacks or 100% excess
8 3/4"	5 1/2"	15.50#	6000'	100 sacks

RECEIVED

MAY 10 1985

DIVISION OF OIL  
GAS & MINING

24. SIGNED Kerch M. Hebertson TITLE Petroleum Engineer DATE 1/15/85

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY /s/Frank W. Snell TITLE DISTRICT MANAGER DATE MAY 08 1985

CONDITIONS OF APPROVAL, IF ANY:

state of Utah

\*See Instructions On Reverse Side

MEC 2  
SEC. 19

MEC 2  
SEC. 19

267294

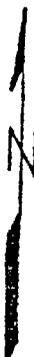
S. 89° 54' W.

Well  
Site  
#19-3  
EL. = 5106

651' 6.41'

Section 19

Twp. 7S R. 4W  
S.L.B. & M.



SCALE: 1" = 1000'

SURVEYOR'S CERTIFICATE

I, Kay L. Ryan, of Ryan Engineering Inc., do hereby certify that I am a Registered Land Surveyor, and hold certificate No. 4385 as prescribed by the laws of the State of Utah, and have made a survey as shown on this plat of:

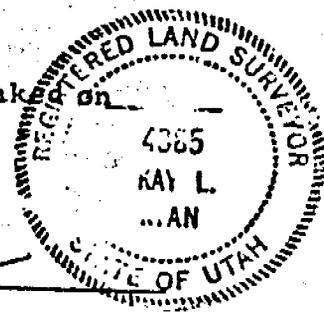
LAB Energy Inc., Federal #19-3, located 661 ft. South and 651 ft. West from the North  $\frac{1}{4}$  Corner, Section 19, Township 7 South, Range 4 West, Salt Lake Meridian.

Ground Line Elevation: 5106 (Approx.)

I further certify that the above plat shows the locations as staked on the ground.

Date 1-13-85

*Kay L. Ryan*



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE (Other instructions on verso side)

Budget Bureau No. 1004-0135 Expires August 31, 1983

LEASE DESIGNATION AND SERIAL NO.

U=52938

IF INDIAN, ALLOTTEE OR TRIBE NAME

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

MAY 23 1985

UNIT AGREEMENT NAME

Faust Unit

FARM OR LEASE NAME

Lab Energy

WELL NO.

19-3

FIELD AND POOL, OR WILDCAT

Wildcat

SEC. R. E. M. OR B.L. AND SURVEY OR AREA

SLM

Sec. 19, T 7 S, R 4 W

COUNTY OR PARISH

Tooele

STATE

Utah

1. OIL WELL  GAS WELL  OTHER Wildcat

2. NAME OF OPERATOR Lab Energy

3. ADDRESS OF OPERATOR 7107 South 400 West, Midvale, Utah 84047

4. LOCATION OF WELL (Report location clearly and in accordance with any BLM mapping. See also space 17 below.) At surface 661 FNL, 1989 FWL, Sec. 19, T 7 S, R 4 W, Tooele County, Utah SLM

14. PERMIT NO.

15. ELEVATIONS (If whether of, ft, or, etc.)

5106 Ground

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

FULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other)

(Other)

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

To notify of Designation of Agent. (attached)

RECEIVED S.L. DISTRICT OFFICE

1985 MAY -6 PM 12:45

DEPT. OF INTERIOR BUR. OF LAND MGMT.

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

SIGNED Kessel M Helbertson

TITLE Petroleum Engineer

DATE 5/6/85

(This space for Federal or State use)

APPROVED BY [Signature] CONDITIONS OF APPROVAL, IF ANY:

TITLE DISTRICT MANAGER

DATE MAY 10 1985

Operator

\*See Instructions on Reverse Side

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API #43-045-30020

NAME OF COMPANY: LAB ENERGY

WELL NAME: FAUST UNIT 19-3

SECTION NE NW 19 TOWNSHIP 7S RANGE 4W COUNTY Tooele

DRILLING CONTRACTOR TWT Well Services

RIG # 55

SPUDDED: DATE 5-24-85

TIME 9:00 AM

How \_\_\_\_\_

DRILLING WILL COMMENCE \_\_\_\_\_

REPORTED BY Keith Hebertson

TELEPHONE # 278-2109

DATE 5-24-85 SIGNED JRB

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on reverse 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  GAS WELL  OTHER  Wildcat

2. NAME OF OPERATOR  
Lab Energy

3. ADDRESS OF OPERATOR  
7107 South 400 West, Midvale, Utah

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations.  
See also space 17 below.)  
At surface 661 FNL, 1989 FWL, Sec. 19, T 7 S, R 4 W, Tooele County, Utah SLM

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, WT, GR, etc.)  
5106 Ground

5. LEASE DESIGNATION AND SERIAL NO.  
U=52938

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Faust Unit

8. FARM OR LEASE NAME  
Lab Energy

9. WELL NO.  
19-3

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SLM  
Sec. 19, T 7 S, R 4 W

12. COUNTY OR PARISH  
Tooele

13. STATE  
Utah

MAY 31 1985

DIVISION OF OIL AND GAS

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other)

(Other) Spud notice

(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.)\*

To notify of site plan changes and layout. ( plat attached ).

To notify of change in hole size from 8 3/4" to 7 7/8".

Well spud on 5/24/85, 4:30 PM

water permit # 15 T-60912

Federal approval of this action is required before commencing operations.

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

DATE: 6/7/85  
BY: John R. Baya

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

SIGNED John R. Baya

TITLE Petroleum Engineer

DATE 5/30/85

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

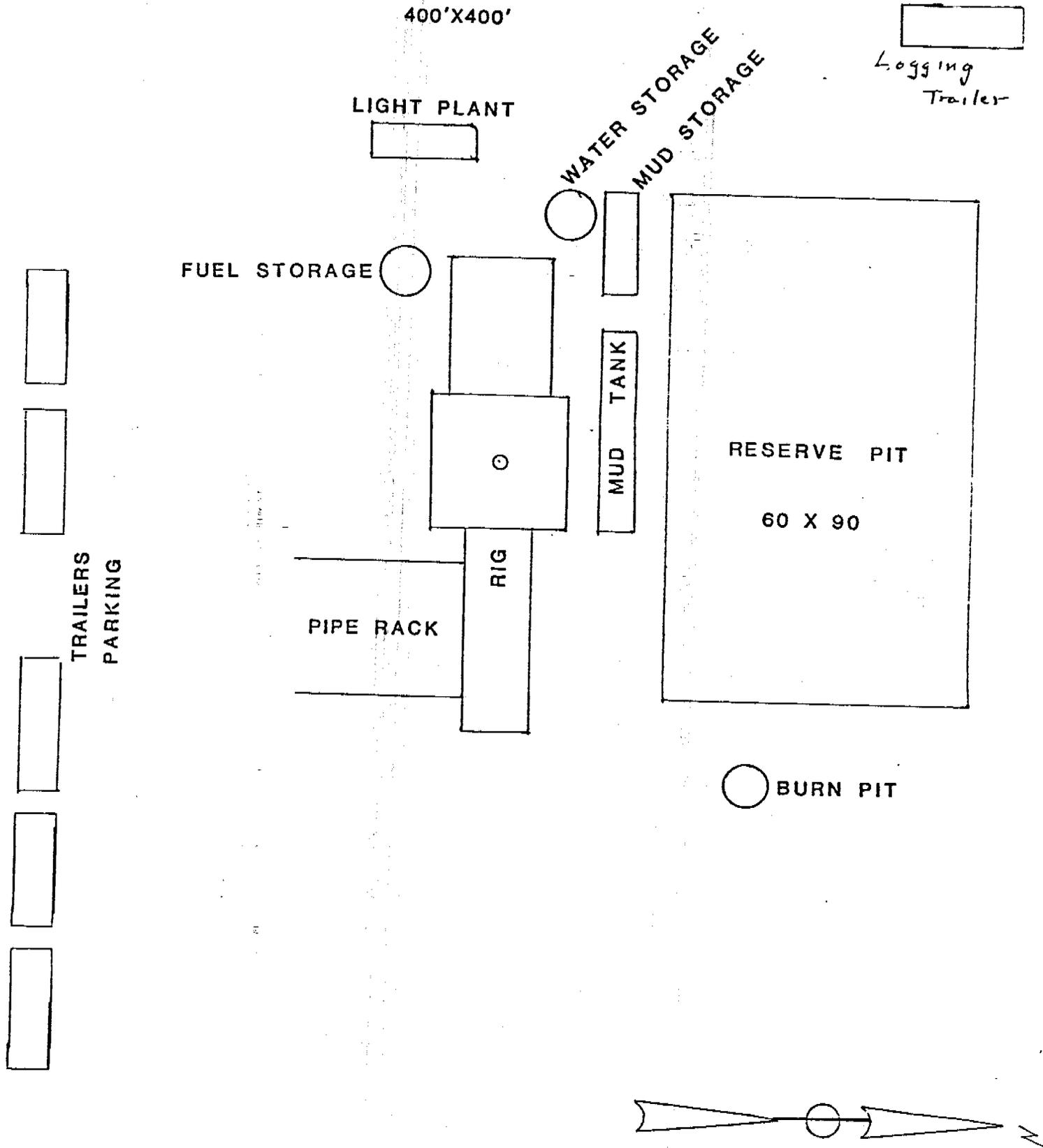


FIGURE 2

LOCATION PLAN

(Submit in quadruplicate.)

(Appropriate Authorized Officer)

DESIGNATION OF AGENT

The undersigned is, on the records of the Bureau of Land Management, unit operator under the Faust unit agreement, Tooele County, Utah, No. UtO-20P49-85U697, approved and effective on Feb. 28, 1985

and hereby designates

NAME: Kirby Petroleum Corporation  
ADDRESS: Rt. 4, Box 18, Kaufman, Texas 75142

as its agent, with full authority to act on its behalf in complying with the terms of the unit agreement and regulations applicable thereto and on whom the authorized officer or his representative may serve written or oral instructions in securing compliance with the oil and gas operating regulations with respect to drilling, testing, and completing unit well No. 19-3 in the NE 1/4 NW 1/4, Sec. 19, T.7S, R.4W, Tooele County, Utah.

It is understood that this designation of agent does not relieve the unit operator of responsibility for compliance with the terms of the unit agreement and the oil and gas operating regulations. It is also understood that this designation of agent does not constitute an assignment of any interest under the unit agreement or any lease committed thereto.

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

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

This designation of agent is deemed to be temporary and in no manner a permanent arrangement, and a designated agent may not designate another party as agent.

This designation is given only to enable the agent herein designated to drill the above specified unit well. Unless sooner terminated, this designation shall terminate when there is filed in the appropriate office of the Bureau of Land Management a completed file of all required Federal reports pertaining to the subject well. It is also understood that this designation of agent is limited to field operations and does not include administrative actions requiring specific authorization of the unit operator.

May 6, 1985  
Date

Arden S. Jacobs, President  
Lab Energy Unit Operator

NOTE: The designation of agent also must clearly state that either (1) the unit operator will take over the operation of any well(s) drilled under the designation if unitized production is obtained in paying quantities, or (2) that the designated agent will assume the duties of unit operator and will take over operation of all unit wells. In the absence of such statement, the authorized officer should condition his acceptance of the Designation of Agent on the above criteria.

APPROVED - EFFECTIVE MAY 9 1985

ACTIVE

[Signature]  
CHIEF, BRANCH OF FLUID MINERALS  
BUREAU OF LAND MANAGEMENT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN THIS DATE  
(Other instructions on reverse side)

FORM APPROVED  
Budget Bureau No. 1004-0138  
Expires August 31, 1985

RECEIVED

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 purposes.)

5. LEASE DESIGNATION AND SERIAL NO.

U=52938

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Faust Unit

8. FARM OR LEASE NAME

Lab Energy

9. WELL NO.

19-3

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., N., OR S.E. AND SURVEY OR AREA

SLM

Sec. 19, T 7 S, R 4 W

12. COUNTY OR PARISH

Tooele

13. STATE

Utah

1. OIL WELL  GAS WELL  OTHER Wildcat

2. NAME OF OPERATOR Lab Energy Inc. DIVISION OF OIL GAS & MINING

3. ADDRESS OF OPERATOR 7107 South 400 West, Midvale, Utah 84047

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) 661 FNL, 1989 FWL, Sec. 19, T 7 S, R 4 W, Tooele County, Utah SLM

14. PERMIT NO. 43-045-30020

15. ELEVATIONS (Show whether SV, ST, OR, etc.) 5106 Ground 5119 KB

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PLUG OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETION

SHOOT OR ACIDIZE

ABANDON

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT

(Other)

(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.)

This well reached a total depth of 3250 feet on June 3, 1985. Verbal permission was received to plug and abandon from Mr. Martens about 2:30 PM. Casing consists of 9 5/8 inch, 29.3# J55 set to 500', and cemented to surface. Circulated cement. Tertiary sediments from 500' to 2780'

Paleozoic sediments (Oquirrh?) 2780' to 3250'.

Plugs as follows:

2680' to 2880', 100 sax regular cement.  
400' to 600', 200 sax regular cement. Across bottom of surface pipe.  
5 sax regular cement in top of surface pipe. Waiting on Dry hole marker.

Hole was left full of 9.4#, 50 vis mud. There were no lost circulation intervals.

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

SIGNED Keith M. Lebeck

TITLE Petroleum Engineer

DATE 6/14/85

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

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

See Instructions on Reverse Side

DATE 7/11/85

BY [Signature]

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0137 Expires August 31, 1985

INSTRUCTIONS (SEE REVERSE)

5. LEASE DESIGNATION AND SERIAL NO. U-52938

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME Faust Unit

8. FARM OR LEASE NAME LAB Energy - Kirby Petroleum

9. WELL NO. #19-3

10. FIELD AND POOL, OR WILDCAT Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 19, T7S, R4W, SLM

3

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

JUN 27 1985

1a. TYPE OF WELL: OIL WELL [ ] GAS WELL [ ] DRY [X] OTHER [ ]

b. TYPE OF COMPLETION: NEW WELL [ ] WORK OVER [ ] DEEP EN [ ] PLUG BACK [ ] DIFF. RESERV. [ ] Other [ ]

2. NAME OF OPERATOR Designation of Agent = Kirby Petroleum Corporation

3. ADDRESS OF OPERATOR In care of LAB Energy, Inc. 7107 So. 400 W. #10, Midvale, Utah

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 661 FNL, 1989 FWL, Sec. 19, T7S, R4W, Tooele County, Utah. At top prod. interval reported below NE NW. At total depth

14. PERMIT NO. 43-041-30020 DATE ISSUED 2/21/85

12. COUNTY OR PARISH Tooele 13. STATE Utah

15. DATE SPUDDED 5/17/85 16. DATE T.D. REACHED 6/3/85 17. DATE COMPI. (Return to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5106 GR, 5119 RKB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 3250' MD 21. PLUG BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY ROTARY TOOLS 3250' CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN LS-BHC-GR-CAL, DLL-GR-MLL-CAL, COL-CN-GR 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well) Table with columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED.

29. LINER RECORD Table with columns: SIZE, TOP (MD), BOTTOM (MD), BACKS CEMENT, SCREEN (MD). 30. TUBING RECORD Table with columns: SIZE, DEPTH SET (MD), PACKER SET (MD).

31. PERFORATION RECORD (Interval, size and number) Table with columns: DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED.

33. PRODUCTION Table with columns: DATE FIRST PRODUCTION, PRODUCTION METHOD, WELL STATUS, DATE OF TEST, HOURS TESTED, CHOKER SIZE, PROD'N. CH. TEST PRESSURE, OIL-BBL., GAS-MCF., WATER-BBL., GAS-OIL RATIO, FLOW. TUBING PRESS., CASING PRESSURE, CALCULATED 24-HOUR RATE, OIL-BBL., GAS-MCF., WATER-BBL., OIL GRAVITY-API (CORR.).

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

35. LIST OF ATTACHMENTS

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

SIGNED Warren L. Gardner TITLE Ass. Vice President DATE 6/21/85

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

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

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	
						MEAS. DEPTH	TRUE VERT. DEPTH
<u>Pennsylvanian</u> Oquirrh Formation (Lower Butterfield Peaks Formation)	2780'	3200'	Sandstone-very porous (no test) Limestone- sl porous "	Miocene Salt Lake Group <u>Pennsylvanian</u> Oquirrh Fm. (L. Butterfield Peaks Fm.)	0 - 2780'		
	3200'	3250' TD			2780'-3250' TD		

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

SUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse side)

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.)

5. LEASE DESIGNATION AND SERIAL NO.  
**U-52938**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
**Faust Unit (terminated)**

8. FARM OR LEASE NAME  
**LAB Energy**

9. WELL NO.  
**#19-3**

10. FIELD AND POOL, OR WILDCAT  
**Wildcat**

11. SEC., T., R., M., OR BLK. AND SURVEY OR ARMA  
**Sec. 19, T7S, R4W, SLM**

12. COUNTY OR PARISH  
**Tooele**

13. STATE  
**Utah**

1. WELL  GAS WELL  OTHER  **Dry Hole**

2. NAME OF OPERATOR  
**LAB Energy, Inc.**

3. ADDRESS OF OPERATOR  
**7107 So. 400 W. #10, Midvale, Utah 84047**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
**661 FNL, 1989 FWL**

14. PERMIT NO.  
**43-045-30020**

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**5106 GR**

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

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

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 Subsequent report of abandonment and well completion report was filed under Kirby Petroleum Corporation as Designation of Agent by LAB Energy, Inc. Kirby Petroleum has failed to restore surface conditions as per agreement.

LAB Energy has now resumed operator of the lease and proposes to use well site location and road for an optional location to drill a deep test well.

The proposed deep test is tentatively planned to be spud after a proposed deep test is drilled in Sec. 14, T7S, R4W, SLM. The information found in the section 14 test will determine if the Sec. 19 test will be drilled.

The first proposed deep test in Sec. 14 is tentatively planned to be spud by the end of 1985, or Spring of 1986.

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

SIGNED Warren L. Paul TITLE Vice President DATE 9/18/85

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

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



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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

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

October 4, 1985

Lab Energy, Inc.  
7107 South 400 West #10  
Midvale, Utah 84047

Gentlemen:

Re: Well No. Lab Energy 19-3 - Sec. 19, T. 7S., R. 4W.,  
Tooele County, Utah - API #43-045-30020

According to our records a "Well Completion Report" filed with this office June 21, 1985 on the above referenced well indicates the following electric logs were run: LS-BHC-GR-CAL, DLL-GR-MLL-CAL, COL-CN-GR. This office has not yet received these logs.

Please take care of this matter as soon as possible, but not later than October 18, 1985.

Your cooperation in this matter is appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Pam Kenna".

Pam Kenna  
Well Records Specialist

Enclosure

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

0170S/17

cc: State of Utah PAA

120141

IN REPLY REFER TO:



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
SALT LAKE DISTRICT OFFICE  
2370 South 2300 West  
Salt Lake City, Utah 84119

3160  
83-APD-3 (U-56554)  
85-APD-1 (U-22640)  
85-APD-12(U-52938)  
86-APD-1 (U-37742)  
86-APD-2 (U-37742)

RECEIVED  
NOV 21 1986  
18 NOV 1986

121001

Mr. Warren Jacobs  
Lab Energy Inc,  
7107 South 400 West  
Suite 10  
Midvale, Utah 84047

DIVISION OF  
OIL, GAS & MINING

Dear Mr. Jacobs, **43.045.30000**

Your two applications to drill oil and gas wells 17-14 and 14-12 expired on November 6, 1986. The two approved sundry notices for temporary abandonment of wells 17-10 and 19-3 will expire on November 18, 1986. Your application to drill well 20-4 expired on February 15, 1986.

Oil and gas well 17-10 needs to be plugged and abandoned and the site recontoured, scarified, and reseeded. Please submit your proposed plugging program for our review. Oil and gas well 19-3's site needs to be scarified and reseeded. Site 14-12 needs to have the conductor pipe cut at the surface and a well marker cemented in place. The site must be recontoured, scarified, and reseeded. The reclamation of the access roads will be discussed on a case by case basis to determine the degree of reclamation required.

According to the conditions of approval for the temporary abandonment of wells 19-3 and 17-10, Lab Energy is required to "commence total restoration and reseeded" of these sites. Site 14-12 must be reclaimed as outlined in the approved Application for Permit to Drill (APD) and the supplemental stipulations of approval which were approved November 6, 1985. Reclamation of these sites must be initiated within 30 days of receipt of this notice. Please submit your proposed reclamation schedule.

According to our records, no surface disturbance has occurred at sites 20-4 and 17-14. This office requires a letter confirming that no surface disturbance has occurred on these drill sites.

We will be available to meet with you and your contractor onsite to ensure reclamation is completed to our standards. Feel free to contact met at (801) 524-5348 if you have any questions.

Sincerely,  
**HOWARD HEDRICK**

Howard Hedrick  
Pony Express Area Manager

cc: U-922, Branch of Fluid Minerals  
U-942, Branch of Land and Mineral Operations  
Division of Oil, Gas, and Mining,  
State of Utah

cc: State of Utah  
AA

120141

IN REPLY REFER TO:



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
SALT LAKE DISTRICT OFFICE

2370 South 2300 West  
Salt Lake City, Utah 84119

3160  
83-APD-3 (U-56554)  
85-APD-1 (U-22640)  
85-APD-12(U-52938)  
86-APD-1 (U-37742)  
86-APD-2 (U-37742)

Mr. Warren Jacobs  
Lab Energy Inc,  
7107 South 400 West  
Suite 10  
Midvale, Utah 84047

RECEIVED  
NOV 21 1986  
18 NOV 1986

121091

DIVISION OF  
OIL, GAS & MINING

Dear Mr. Jacobs, 43.045.30020

Your two applications to drill oil and gas wells 17-14 and 14-12 expired on November 6, 1986. The two approved sundry notices for temporary abandonment of wells 17-10 and 19-3 will expire on November 18, 1986. Your application to drill well 20-4 expired on February 15, 1986.

Oil and gas well 17-10 needs to be plugged and abandoned and the site recontoured, scarified, and reseeded. Please submit your proposed plugging program for our review. Oil and gas well 19-3's site needs to be scarified and reseeded. Site 14-12 needs to have the conductor pipe cut at the surface and a well marker cemented in place. The site must be recontoured, scarified, and reseeded. The reclamation of the access roads will be discussed on a case by case basis to determine the degree of reclamation required.

According to the conditions of approval for the temporary abandonment of wells 19-3 and 17-10, Lab Energy is required to "commence total restoration and reseeding" of these sites. Site 14-12 must be reclaimed as outlined in the approved Application for Permit to Drill (APD) and the supplemental stipulations of approval which were approved November 6, 1985. Reclamation of these sites must be initiated within 30 days of receipt of this notice. Please submit your proposed reclamation schedule.

According to our records, no surface disturbance has occurred at sites 20-4 and 17-14. This office requires a letter confirming that no surface disturbance has occurred on these drill sites.

We will be available to meet with you and your contractor onsite to ensure reclamation is completed to our standards. Feel free to contact met at (801) 521-5348 if you have any questions.

Sincerely,  
HOWARD HEDRICK

Howard Hedrick  
Pony Express Area Manager

No action required by us.  
- JRB

erals  
Mineral Operations  
Mining,



IN REPLY REFER TO:

# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
SALT LAKE DISTRICT OFFICE  
2370 South 2300 West  
Salt Lake City, Utah 84119

83-APD-3, No. 17-10  
85-APD-12, No. 19-3  
86-APD-2, No. 14-12  
3160 (U-027)

CERTIFIED MAIL P130 970 865  
RETURN RECEIPT REQUESTED

**RECEIVED**  
MAR 14 1988

031514

DIVISION OF  
OIL, GAS & MINING

7 MAR 1988

Mr. Warren Jacobs  
Lab Energy Inc.  
7107 South 400 West, Suite 10  
Midvale, Utah 84047

Dear Mr. Jacobs,

As per our previous correspondence dated February 4, 1987, Lab Energy is

*754w sec 19* required to complete reclamation for drilling operations on well number 17-10, *N6570*  
*43-045-30020-PA* *43-045-30019-Dr1.* *43-045-30017-Dr1.*  
19-3, and 14-12 and complete plugging and abandonment of 17-10. Since all

leases have been terminated, further delay in this matter cannot be allowed.

You have 30 days from receipt of this notification to complete the required work. Enclosed are copies of approvals which detail the required work.

Failure to complete this work will result in forfeiture of the bond as per 43 CFR 3163. You have the right of appeal as described in 43 CFR 3165.

Sincerely yours,

/s/ JOHN H. STEPHENSON

ACTING DISTRICT MANAGER

Deane H. Zeller  
District Manager

cc: U-922  
U-942

87-APD-1  
3160 (U-026)

*DW* 5/21/87

Warren L. Jacobs  
ABB Energy, Inc.  
7107 South 400 West #10  
Midvale, Utah 84047

21 MAY 1987

Dear Warren,

Enclosed are two copies of the approved Application for Permit to Drill (APD) for LAB Energy 17-10, T7S, R4W, Sec 17, NWSE. The APD includes the mitigating measures, conditions of approval, and management requirements provided by my staffs review of the proposed action.

Please advise us to when rig will begin setup and/or dirt work will begin so Dan or someone from my staff can witness this work.

Dan Washington of my staff will be glad to answer any questions concerning this matter.

Sincerely,

DEANE H. ZELLER

Deane H. Zeller  
District Manager

Enclosure  
APD (2)

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Lab Energies, Inc. Location NW $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 14, T. 7 S., R. 4 W.

Well No. 14-12 Lease No. U-37742

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

The following conditions are in addition to the information in the APD and follow that numbering system.

Part I. Eight-Point Drilling Program

Changes requested in our letter of May 4, 1987 are handwritten in APD.

8. Location Construction, Previously completed - November 10, 1985

Spud Date: June 4, 1987

Part II. Thirteen-Point Surface Use Plan.

10. If no drilling activity occurs on this location prior to the lease expiration date, rehabilitation of the location will begin on or before September 1, 1987. If well is found to be non-commercial and plugging and abandonment of the well and rehabilitation of the location will be commenced on or before September 1, 1987.

14. This permit will be valid until the expiration of the lease or September 1, 1987.

On-site inspection is waived since the location is built and previously drilled.

Your contact with this office is Dan Washington, office phone (801) 524-4458, home phone (801) 756-9383.

District Manager's office address and contacts are:

Address: 2370 South 2300 West, Salt Lake City, Utah 84119

District Manager: Deane H. Zeller, office phone (801) 524-5348, home phone (801) 571-5376.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Lab Energies, Inc. Location NW $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 17, T. 7 S., R. 4 W.  
Well No. 17-10 Lease No. U-56554

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

The following conditions are in addition to the information in the APD and follow that numbering system.

Part I. Eight-Point Drilling Program

Changes requested in our letter of May 4, 1987 are handwritten in APD.

8. Location Construction, May 23, 1987.

Spud Date: May 29, 1987

Part II. Thirteen-Point Surface Use Plan.

10. If no drilling activity occurs on this location prior to the lease expiration date, plugging and abandonment of the well, and rehabilitation of the location will begin on or before September 1, 1987. If well is found to be non-commercial and plugging and abandonment of the well and rehabilitation of the location will be commenced on or before September 1, 1987.

14. This permit will be valid until the expiration of the lease or September 1, 1987.

On-site inspection is waived since the location is built and previously drilled.

Your contact with this office is Dan Washington, office phone (801) 524-4458, home phone (801) 756-9383.

District Manager's office address and contacts are:

Address: 2370 South 2300 West, Salt Lake City, Utah 84119

District Manager: Deane H. Zeller, office phone (801) 524-5348, home phone (801) 571-5376.



PL  
5-16-88  
INFO

WELL FILE

IN REPLY REFER TO:

# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
SALT LAKE DISTRICT OFFICE

2370 South 2300 West  
Salt Lake City, Utah 84119

**RECEIVED**  
MAY 4 1988

DIVISION OF  
OIL, GAS & MINING

U-56554, 83-APD-3, No. 17-10  
U-52938, 85-APD-12, No 19-3  
U-37742, 86-APD-2, No. 14-12  
3160 (U-027)

CERTIFIED MAIL P 716 242 263  
RETURN RECEIPT REQUESTED

3 MAY 1988

Mr. Arlin Jacobs  
Lab Energy Inc. N6570  
7107 South 400 West, Suite 10  
Midvale, Utah 84047

Dear Mr. Jacobs:

Lab Energy has been unresponsive to my letter dated March 7, 1988, in which reclamation of drill sites 19-3, 14-12, and 17-10 and plugging and abandonment of well 14-12 was required to be completed within 30 days. As a result of this noncompliance, the necessary work will be put out to bid and your bond utilized to pay for such work.

Sincerely,

Deane H. Zeller  
District Manager

cc: ~~Regional Solicitor~~  
Jim Thompson  
U-942  
U-922

43-045-30020 (19-75-4W)  
43-045-30017



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

February 6, 1989

TO: Jim Thompson, Inspection Staff Supervisor  
FROM: Mike Laine, Inspector  
RE: Lab Energy 17-10, 19-3, and 14-12 Wells, Township 7 South, Range 4 West, Tooele County, Utah

As per your instructions I contacted Theresa Thompson (BLM-SLC) on February 6, 1989, concerning the status of these three wells.

Theresa stated that the 19-3 and 14-12 wells were already plugged, but that the 17-10 well was not. Apparently the plugging contractors want to be released from liability should the plug on the 17-10 fail sometime in the future. The matter is being reviewed in Washington and that all activity is on hold until an opinion is received concerning future contractor liabilities. Lab Energy has a federal statewide \$25,000 bond that is being used for the plugging and reclamation of these locations.

She also stated that it is hoped that the 17-10 well would be plugged before July so that all three well locations could be reclaimed and reseeded in September of 1989.

tc  
IN17/5