

UTAH OIL AND GAS CONSERVATION COMMISSION

H₂O

M

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

Application resubmitted 4-27-85

DATE FILED 9-28-83
LAND: FEE & PATENTED _____ STATE LEASE NO. ML-27749 PUBLIC LEASE NO. _____ INDIAN _____DRILLING APPROVED: 11-7-83 - OIL/GAS (Cause No. 102-16B)

SPUDDED IN: _____

COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY A.P.I. _____

GOR: _____

PRODUCING ZONES: _____

TOTAL DEPTH: _____

WELL ELEVATION: _____

DATE ABANDONED: LA 4-27-85FIELD: 3/86 GREATER CISCO

UNIT: _____

COUNTY: GRANDWELL NO. STATE 2-16A API #43-019-31111LOCATION 500' FSL FT. FROM (N) (S) LINE. 1820' FWL FT. FROM (E) (W) LINE. SESW 1/4 - 1/4 SEC. 2

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
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21S	23 E	2	ROSS JACOBS
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STATE OF UTAH UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN ORIGINAL DATE (Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL [X] DEEPEN [] PLUG BACK []

b. TYPE OF WELL OIL WELL [X] GAS WELL [X] OTHER [] SINGLE ZONE [X] MULTIPLE ZONE []

2. NAME OF OPERATOR Ross Jacobs

3. ADDRESS OF OPERATOR 2467 Commerce Blvd., Grand Junction, Colo 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 900' FSL, 2040' FWL, S-2, T-21S, R-23E, Grand County Utah. At proposed prod. zone 500' 1820' Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Same as above

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 900'

16. NO. OF ACRES IN LEASE 320

17. NO. OF ACRES ASSIGNED TO THIS WELL 40 (as per lease)

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 550' from Grindstaff No. 9

19. PROPOSED DEPTH 1100'

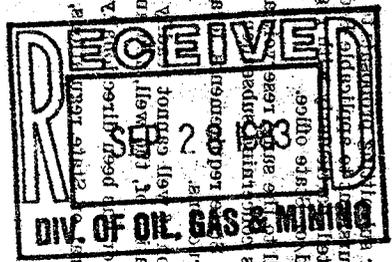
20. ROTARY OR OTHER TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4526 GL Watered up and abandoned. We will plug.

23. PROPOSED CASING AND CEMENTING PROGRAM

Table with 4 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH. Row 1: 9-7/8", 7-5/8", 26 lb., 150'. Row 2: 6-3/4", 4 1/2", 10.5 lb., top of Dakota.

Well to be air drilled to top of Dakota and completed procedure will be used as on State 2-14 well drilled in 1983.



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

24. SIGNED Ross Jacobs TITLE Operator

(This space for Federal or State office use)

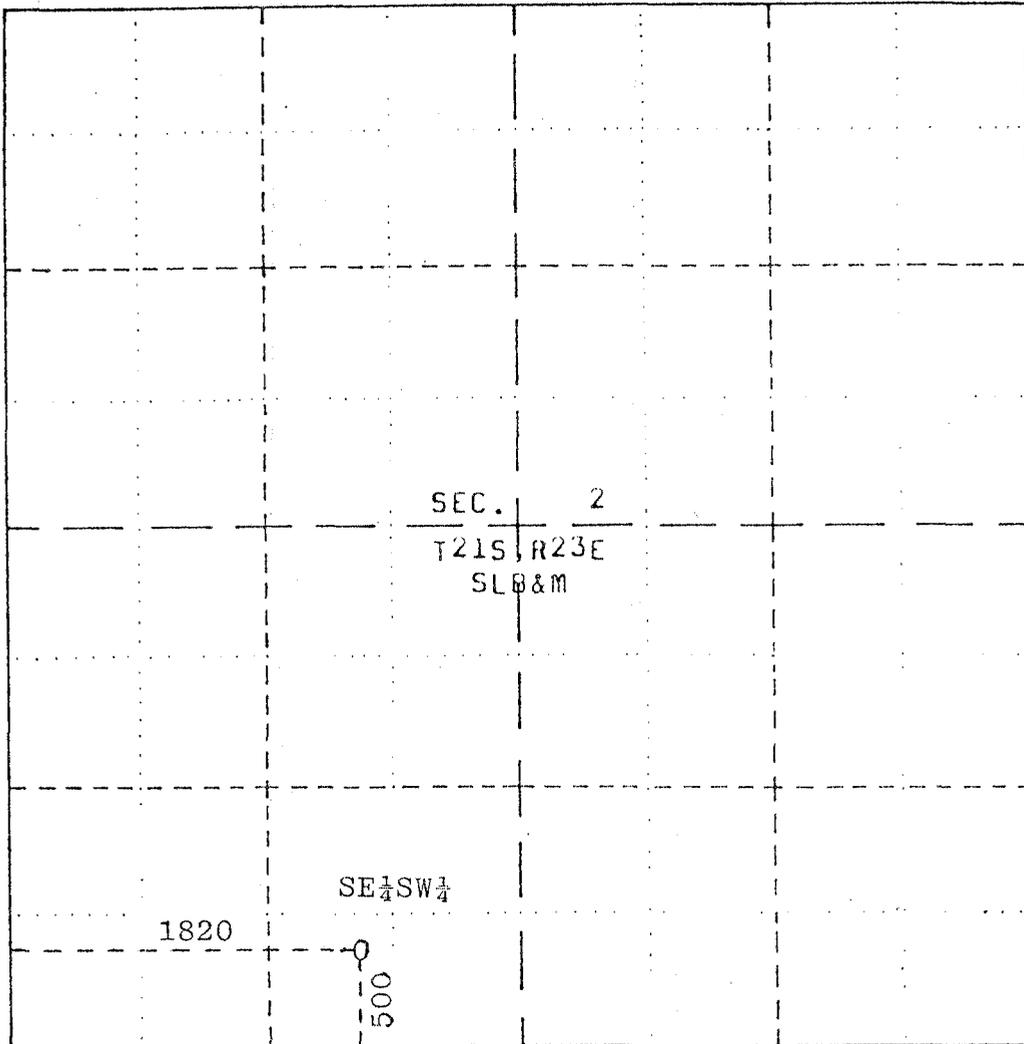
PERMIT NO. APPROVAL DATE

APPROVED BY TITLE

CONDITIONS OF APPROVAL, IF ANY

*See Instructions On Reverse Side

102-1613 11-7-83

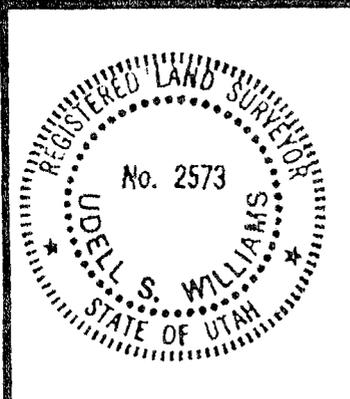


SCALE: 1" = 1000'

STATE #2-16A

Located North 500 feet from the South boundary and East 1820 feet from the West boundary of Section 2, T21S, R23E, SLB&M

RP North 200'	=	4484.7	Elev.	4482
RP South 200'	=	4479.8		
RP East 200'	=	4484.2	Grand County, Utah	
RP West 200'	=	4480.4		



SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

Udell S. Williams
UTAH R.L.S. NO. 2573



UDELL S. WILLIAMS
751 Rood Avenue
GRAND JUNCTION, COLORADO 81501

PLAT OF
PROPOSED LOCATION

STATE #2-16
SE 1/4 SW 1/4 SECTION 2
T21S, R23E, SLB&M

SURVEYED BY: USW DATE: 10/6/83
DRAWN BY: USW DATE: 10/12/83

LEASE MAP

ML-27749

(UTAH)

ML-27798

S-2 T-21S R-23E

ML 27749

STATE
2-16A
Loc.

900' FSL
2340' FWL

WATER PERMIT

COPY OF PERMIT ON FILE

PLEASE SEE STATE 2-14 §

STATE 2-15 WELLS ; S-2, T-215

R-231E SLB § M

LEASE ML-27749

9 D Harrison

TOM HARRISON
303-242-5321

2-14

PROGNOSIS FOR
R. L. JACOBS OIL AND GAS COMPANY

STATE 2-16A

Location: Section 2, Township 21 South, Range 23 East, SLB&M, Grand County, Utah

Elevations: 4526 GL

Surface Casing: 150 ft of 7-5/8" 26lb., K-55. R-3 casing set and cemented with 100 sax cement w/3% CaCl; with returns to surface. The surface hole (12½") will be drilled to 150 ft. depth, with not more than 1° deviation.

Expected Formation Tops:

<u>Formation</u>	<u>Depth to Top</u>	<u>Thickness</u>	<u>Datum</u>
Mancos	Surface	900'	4530'
Dakota	900'	100'	3630'
Cedar Mountain	1000'	90'	3530'
Morrison (Brushy Basin)	1090'	280'	3440'
(salt Wash)	1370'	250'	3160'
Entrada	1700'	---	
Total Depth	1250'		

1. It is planned to drill a 12½" surface hole for the surface casing down to a depth of 150 ft., and set 150 ft. of 7-5/8" casing with approx. 100 sax cement with returns to the surface. A casing head or flange will be mounted on top of the surface casing, and a blowout preventer with blind and pipe rams (hydraulic) will be mounted on the casing head. A rotating head will then be mounted on top of the blowout preventer. A blewie line, at least 125 ft. in length, will then be attached to the rotating head, and extended into the reserve pit. The BOP will be tested to 2000 psi, before drilling below surface casing is begun.
2. A 6-3/4" hole will then be drilled below the surface casing, using air for circulation. A flare will be maintained at 500 ft. and below, to insure that no gas is missed. The air drilling will also minimize the damage to the hydrocarbon reservoir. No toxic gasses have ever been encountered in this area, and none are expected.

3. Samples of the cuttings will begin at 500 ft., with 30 ft. samples being taken from 500 ft. to 800 ft., and then 10 ft. samples will be taken from 800 ft. to Total Depth.
4. It is planned to drill the well to a depth which is approximately 100 ft. below the top of the Cedar Mt formation, unless major commercial flows of gas or oil are obtained above this depth.
5. If a high gas flow (several million CFD) and/or when the total depth of the well is reached, electric logs will be run. Prior to running logs, high viscosity mud will be pumped into the hole to provide control of the gas and to provide a conductive medium for the logs. A dual inductive laterlog will be run from the bottom to the top of the hole, and a gamma-density and compensated neutron porosity log will be run from the bottom, to a point which is 150 ft. above the top of the Dakota formation.
6. If good production is obtained (over 750 MCFD), 4½" casing (10.5 lb. K-55) will be run and cemented conventionally, with sufficient R.F.C. cement to cover 200 ft. above the top of the Dakota formation. The production zone will then be perforated, with 2-3/8" tubing run and completed conventionally.
7. It is anticipated that the drilling of the well will require 5 days.

R. L. JACOBS OIL AND GAS COMPANY

Thomas D Harrison
Thomas D. Harrison

WELL CONTROL EQUIPMENT FOR
R. L. JACOBS OIL & GAS COMPANY

STATE 2-16 A

GRAND COUNTY, UTAH

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

1. Surface Casing

- A. Hole size for surface casing is 12½" or 9 7/8"
- B. Setting depth for surface casing is approx. 150 ft.
- C. Casing specs. are: 7-5/8" O.D., K-55, 26 lb, 8 round thd, new or used.
- D. Anticipated pressure at setting depth is approx. 20 psi
- E. Casing will be run using three centralizers and a guide shoe, and will be cemented with approx 100 sax cement, with returns to the surface.
- F. Top of casing will be near ground level.

2. Casing Head

Flange size: 10", A.P.I. Pressure rating: 2000 psi W. P. Series 600; Cameron, JCT, or equivalent; new or used; equiped with two 2" ports with nipples and 2" 2000 psi W.P. ball or plug valves. Casing head and valves set above ground level. Aflange only, may be used on top of the casing, if the BOP is equiped with 2" outlets below the blind rams.

3. Intermediate casing

None.

4. Blowout Preventors:

- A. Double rams; hydraulic; one set of blind rams; one set of rams for 3½" or 4" drill pipe; 10" flange; 2000 psi or greater W.P.; Series 900; equiped with mechanical wheels and rod for back-up; set on top of casing head flange and securly bolted down, and pressure tested for leaks up to 2000 psi. A hydraulically operated hy-drill may be used in place of the above BOP, if equiped with 2" outlets below the rams. BOP will be tested for leaks at 2000 psi prior to drilling below surface casing.
- B. Rotating Head: Grants or equivalent; set on top of the BOP, and bolted securly; complete with kelly drive, pressure lubricator, 3½" or 4" rubber for 2000 psi W.P.; need not have hydril assembly on bottom, if a separate hydril or BOP is used.
- C. Fill and Kill Lines: The fill and kill lines (2" tubing or heavy duty line pipe) are to connected thru the 2" valves on the casing head, and through a manifold to permit ready switching from the fill to kill lines

5. Auxillary Equipment

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

6. Anticipated Pressures

The shut-in pressures of the Dakota, Cedar Mountain, Morrison, and Entrada formations in the area, at depths of from 500 ft. to 1000 ft., have been measured at about 250 psi to 350 psi maximum. No toxic gases have ever been encountered in the area, and none are expected.

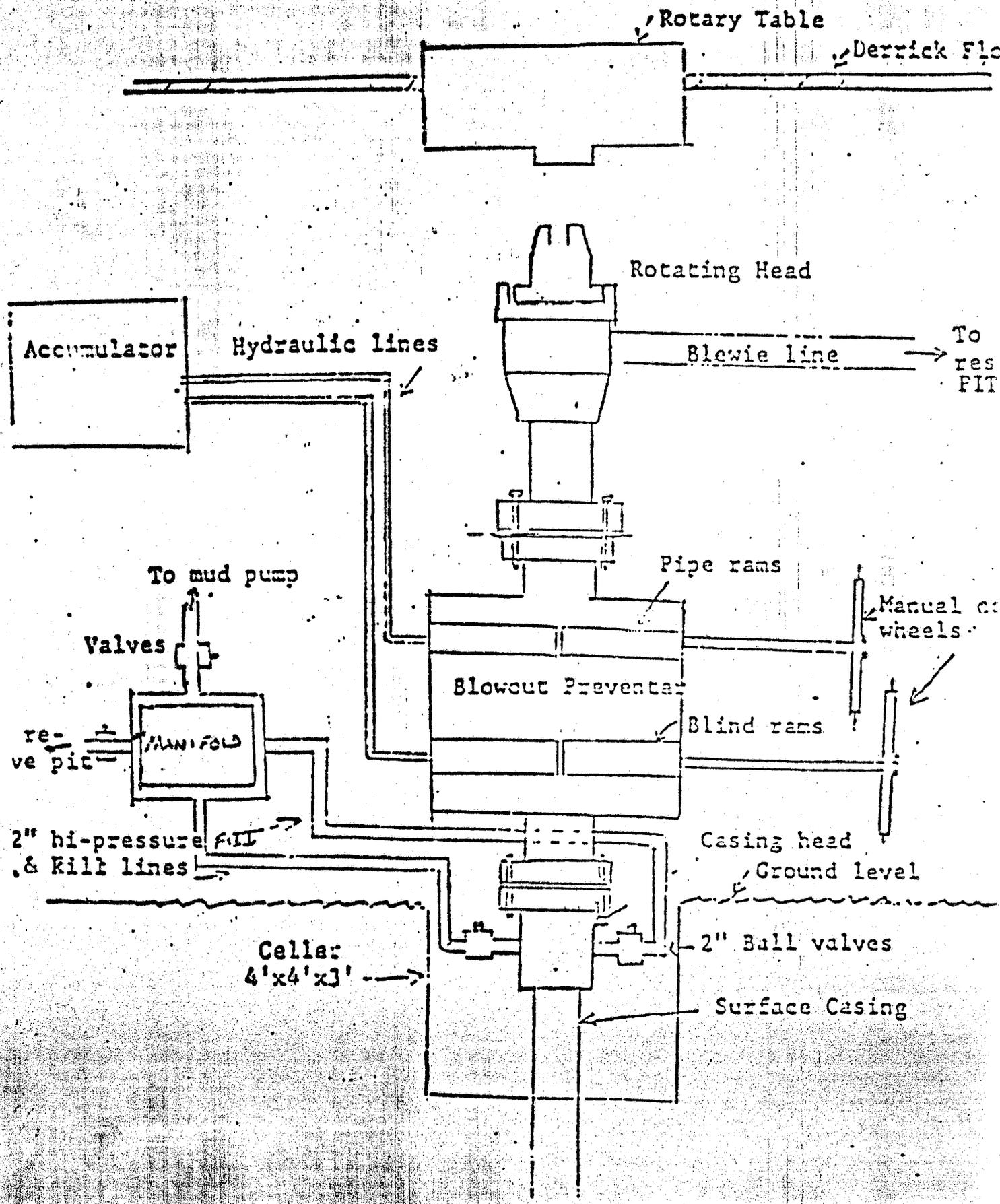
7. Drilling Fluids

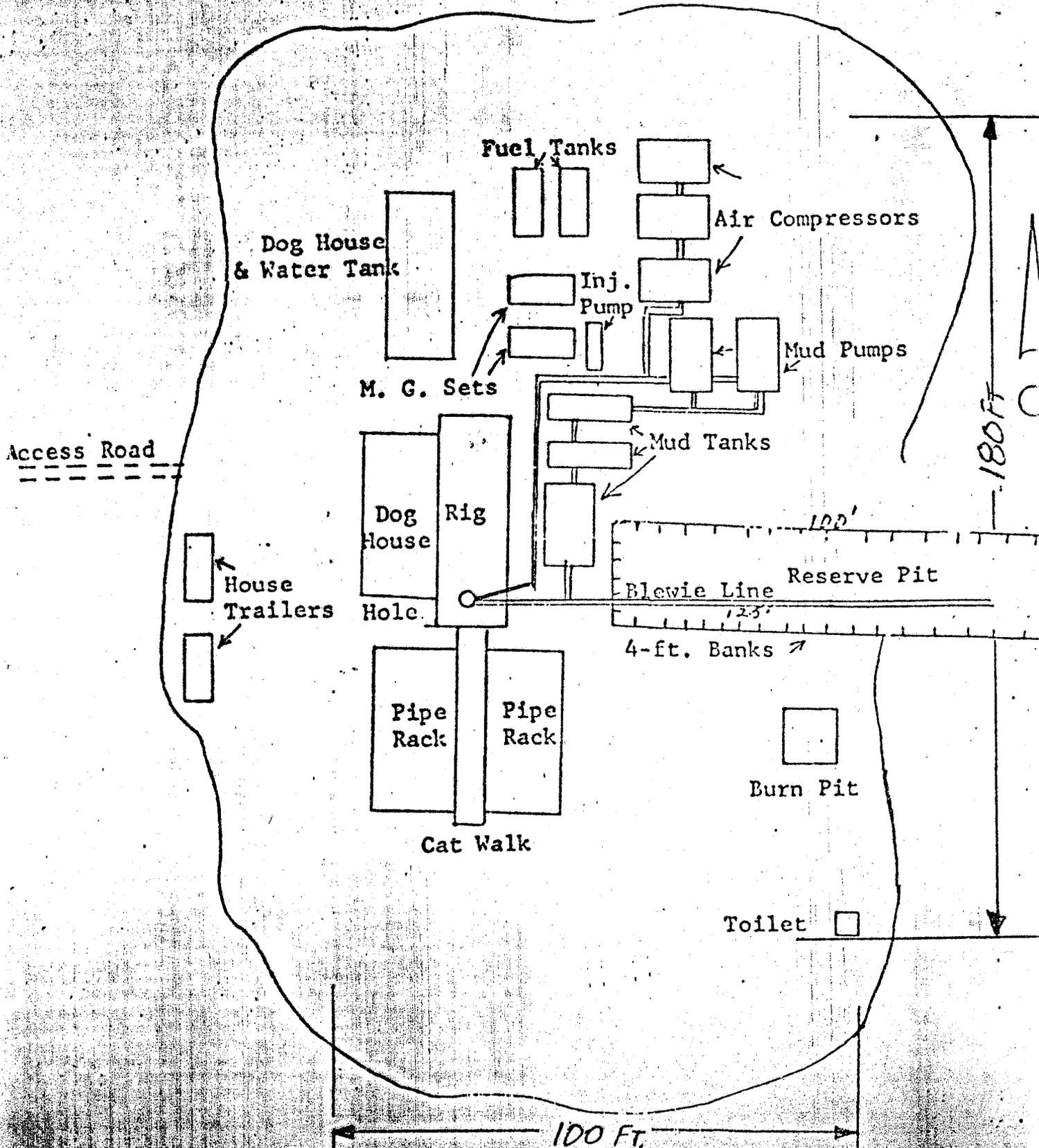
Air will be used to drill the subject well until water is encountered, then air-soap-water mist will be used to drill the well deeper. In case of excessive caving problems, it may be necessary to convey to mud.

8. Production Casing

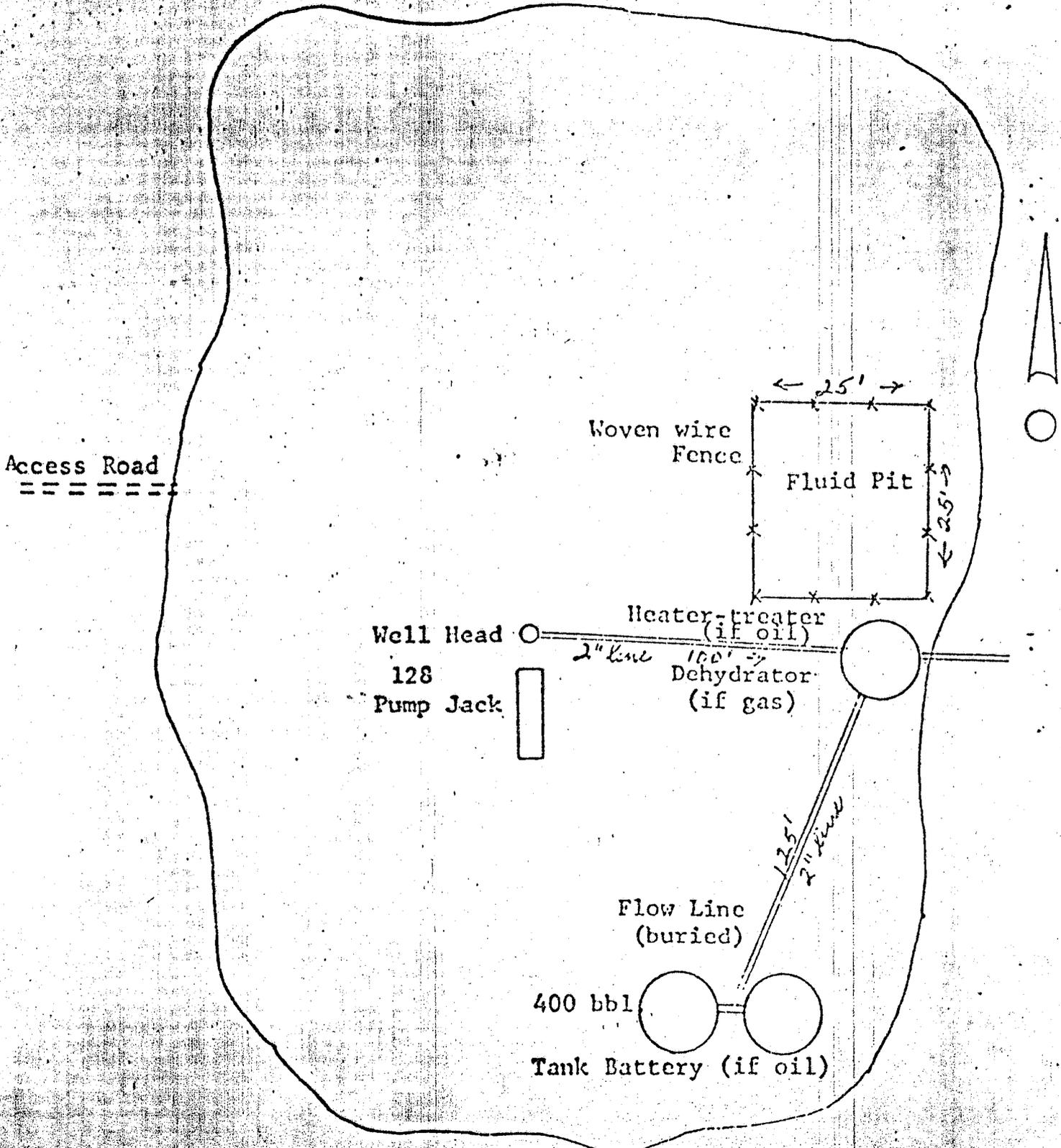
- A. Hole size for production casing will be 6-3/4 inch
- B. Approximate setting depth will be 1000 ft.
- C. Casing specs. are: 4 1/2 in O.D.; K-55; 10.5 lb.; 8-rd. thread; new.
- D. If good production is obtained, the casing will be run, with a guide shoe at the bottom and about six centralizers, and cemented conventionally with sufficient R.F.C. cement to cover 200 ft. above the top of the Dakota formation. The production zone will be perforated, and 2-3/8" tubing will be run, with the well completed conventionally. In the event the production is small, it may be desirable to minimize formation damage by keeping all mud and cement off the producing formation. In this event, the procedure outlined below will be used.
- E. Casing will be run with about six centralizers and a cement basket with DV tool set above the production zone. There will be sufficient casing to extend through the production zone below the basket with a blind guide shoe on the bottom. The casing will be cemented above the packer with sufficient cement to cover the Dakota formation with 200 ft. The cement will be allowed to cure for at least 48 hours. The plug can then be drilled out, and the casing perforated below the DV tool. The 2-3/8" tubing will be run and secured in the tubing head prior to perforating.

CONTROL EQUIPMENT FOR THE
R. L. JACOBS OIL & GAS CO.
STATE 2-16A
GRAND COUNTY, UTAH





Scale: 1 in. = approx. 30 ft.



N T L - 6 P L A N R E P O R T

For

Well Name: 2-16 A

Location: Section 2, T-21, R-23E
Grand County, Utah

1. Existing Roads: (See attached Maps)

A. Well Location: (See Plat #1)

Reference Stakes: 200' N-S-E-W

Perimeter Stakes: As above. Stakes outline maximum perimeter of well pad.

B. Route and Distance to Well Site From Reference Point: (See att. maps)

The reference point is located on the main Cisco Springs road at a point 0.3 miles from I-70 turnoff, where the Jacobs road turns to the left. Proceed four miles to the well site.

C. Access Roads (Identify secondary roads to be used): (See att. maps)

Proceed on I-70 36 miles West of Fruita offramp (Exit 19). to the East Cisco offramp. Proceed North 150 feet and take a Left on the Cisco Springs Road. Proceed to the well site as outlined in (B) above.

D. Roads Within 3 mile Radius: (See att. map) The main road (first 2 miles) is a county road,

graded, crowned, and ditched. All the other roads around the well site are unimproved and are flat with no drainage provisions. The last 0.3 miles of road is a trail with no improvement. It is on Mancos soil and topography and is on shale and silt in the low area. Surface type and conditions: and on gravel across the benches, crosses small washes, and has grades of about 10% on both sides of the wash.

E. Roads Within 1 mile Radius: (See att. map.) See 1-D Above.

The roads within 1-mile of the site are mostly dozed trails (old seis trails) dozed across natural topography and soil. The road base is Mancos shale and soil with some gravel and conglomerate on the bench areas. They are normally about 10 ft. wide.

F. Plans for Road Improvement & Maintenance: The last 0.1 miles of road will be widened to a maximum disturbed width of 20' and flat-graded with the dirt pushed to the sides.

2. Planned Access Roads: (See att. maps) About 0.2 mi. of new road will be built across fairly level Mancos terrain by blading a path with a bulldozer.

(1) Width: Maximum disturbed width will be 20 ft.

(2) Maximum Grades: 6% or less

(3) Turnouts: None needed

(4) Drainage Design: None needed

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

(6) Surfacing Material: The road is across Mancos shale and soil which is composed of gravel and silt. No other material will be used.

(7) Gates, Cattleguards, or Fence Cuts: None

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

3. Location of Existing Wells: (See Map No. 2)

(1) Water Wells: None

(2) Abandoned Wells: (2), Grindstaff No. 9, and 2-10C

(3) Temporarily Abandoned Wells: None

(4) Disposal Wells: None

(5) Drilling Wells: None

(6) Producing Wells: Escondito No. 1

(7) Shut-in Wells: None

(8) Injection Wells: None

(9) Monitoring or Observation Wells: None

4. Location of Existing and/or Proposed Facilities:

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

(1): Tank Batteries: (Size) None

(2) Production Facilities: None

(3) Oil gathering lines: None

(4) Gas gathering lines: None

(5) Injection lines: None

(6) Disposal lines: None

(7) Are lines buried? N/A

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

(1) Are any facilities planned off well pad? None at this time. If the well is a successful gas well, a gas gathering line (1 1/2") will have to be laid and connected to the main gas line; but this will be covered by a separate proposed plan, accompanied with maps, surveys, etc., at a later date.

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

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

(4) Protective measures for livestock and wildlife: All open pits will be fenced with woven wire (sheep) fence (40") and pump jacks or rotating machinery will have guards to prevent danger by moving parts.

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

C. fenced with woven wire. While production ensues, previous areas of well pad not needed for production operations will be restored as in Item 10 below.

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

A. Type of Water Supply: Cisco Springs (natural flow) located in Section 9 of T 20S, R 23E. (See copy of State Water Permit, enclosed)

B. Method of Transporting Water: The water will be hauled from the spring to the well site by truck

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

6. Source of Construction Materials:

A. See attached map and describe: None will probably be required, since the well will be drilled during the good weather season.

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

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

D. See item 1-C and 2 above.

7. Waste Disposal:

- The cuttings will be blown into the reserve pit, and the
- (1) Cuttings: blewie line will be directed into the cut portion of the
 - (2) Drilling Fluids: In mud tanks; excess put into reserve pit.
 - (3) Producing Fluids (oil or water) Oil in tanks; water in reserve pit
 - (4) Human Waste: Toilet with pit (4' deep) with lime for odor and sanitation control. Will be covered with soil (3' deep) at end of operatic

(prior to commencement of drilling

(5) Garbage & Other Waste: (Burn pit will be adequately fenced with chicken wire to prevent scattering of debris by wind) Into burn pit, (4' X 6' X 6' deep) and burned periodically. The burn pit will be approx. 125' from well head.

(6) Clean-up: (See item 10 below) All garbage and unburned debris will be buried by at least 3 ft. of cover after the drilling and completion operations are finished. The unused material and all equipment will be removed from the site and taken to supply yards or to the next drill site.

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

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

(1) Describe cuts or fills: See well site layout and profile for detail of cuts and fills. Only other cuts will be for pits.

(2) Describe pits, living facilities, soil stockpiles: Reserve pit is long and narrow as shown. Excavated material will be piled at the north end of pit. Top soil (1½' deep) will be piled at the east end of the site. Two or three trailer houses will be provided for the supervisory personnel.

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

(4) Are Pits Lined? Unlined with 4-ft. banks

10. Plans For Restoration:

A. If Well is completed: Site will be cleaned, debris removed, pits folded-in or fenced with woven wire, and site levelled for production equipment. All unused portions will be contoured, graded, scarred, and seeded with wheat grass.

B. If Well is abandoned:

(1) Clean-up, levelling, folding pits-in, contouring: These items will be done as soon as possible.

(2) Seeding location and access road: Site will be seeded with crested wheat grass, or as suggested by BLM by hand broadcasting and then scarred with a dozer or spike-toothed drag. The access road, if no longer needed, will be erased, contoured, seeded, and scarred as above. Water bars will be placed where needed.

(3) Will pits be fenced or covered? If there is a large amount of fluid in the reserve pit, it will be fenced with woven wire before rig is released & remain fenced until the fluid dries up & the pit is reclaimed.

(4) Is there any oil in reserve pit? Should not be any great amount.
If so, describe disposal: any great amount.
If there is a large amount, it will be removed prior to covering pits.

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

11. Description of Land Surface:

(1) Topography & Surface Vegetation: Location is on fairly level ground and is on typical Mancos soil and gravel. Sage brush, shad scale, grass and tumble weed are present.

(2) Other Surface Activities & Ownership: The land around the drill site is federal land with minerals and surface owned by the public.
→ The area does have some grazing by sheep. There are no power lines, power sites, irrigation ditches, or cultivation in the area.

(3) Describe other dwellings, archaeological, historical, or cultural sites: There are no known buildings, archaeological, historical or cultural sites in the area.

12. Operators Representative: (Address & Phone number)

Thomas D. Harrison; 1923 Wingate Drive; Grand Junction, Colo., 81503
(303) 242-5321

13. Certification:

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

Date: Sept 22, 1983

Name: Thomas D Harrison

Thomas D. Harrison

Title: Engineer

14

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

5. LEASE DESIGNATION AND SERIAL NO.
ML-27749

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
State 2-16

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
S-2, T-21S, R-23E, SLB&M

12. COUNTY OR PARISH | 13. STATE
Grand | Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Ross Jacobs

3. ADDRESS OF OPERATOR
2467 Commerce Blvd., Grand Junction, CO 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
Changed location of State 2-16 to: 1820' FWL, 500' FSL, S-2, T-21South, R-23 East, SLB&M, Grand County, Utah

14. PERMIT NO. | 15. ELEVATIONS (Show whether DF, RT, GR, etc.)

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

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and 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.)*

Changed location of the State 2-16 well to be drilled to: 1820' FWL, 500' FSL, Section 2, Township 21 South, Range 23 East, SLB&M, Grand County, Utah.

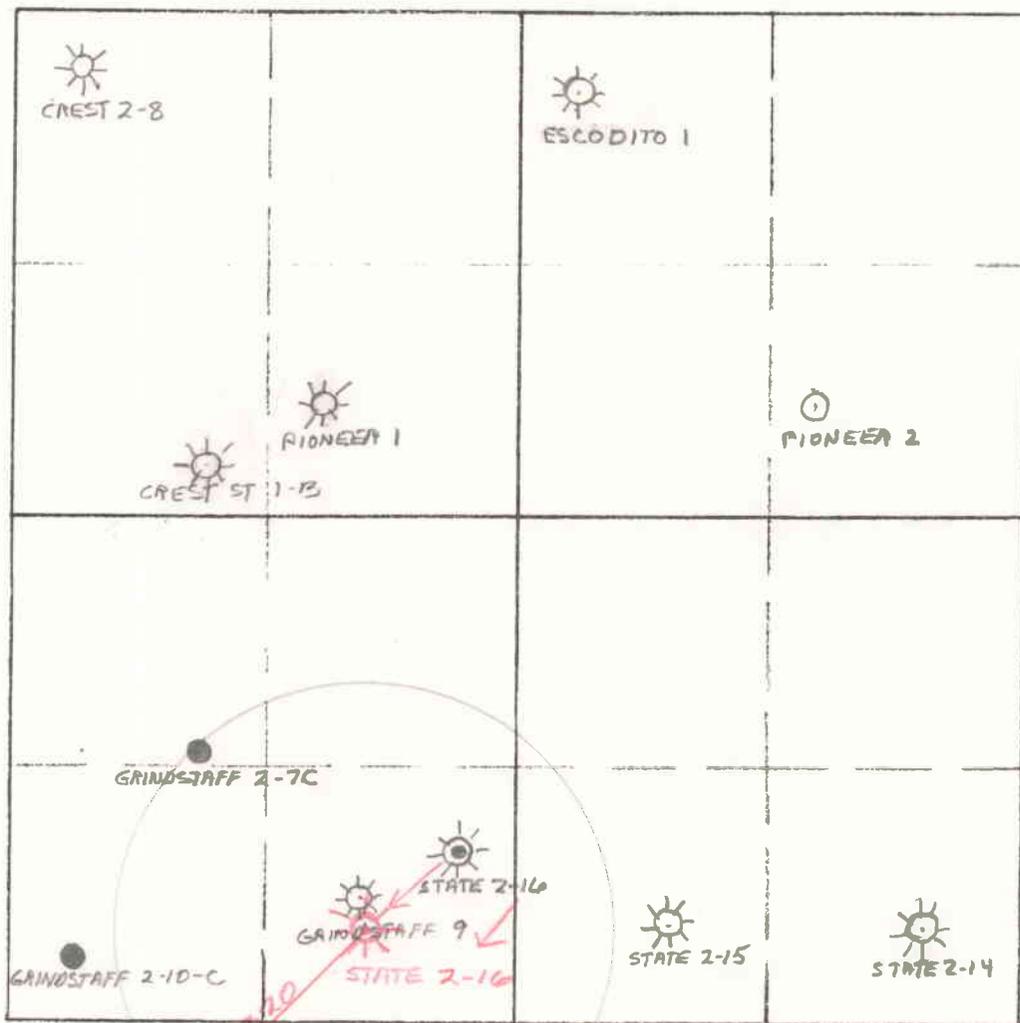
This change of location was processed as an LA, and a new permit issued for State 2-16A

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

SIGNED Ross Jacobs TITLE Operator DATE Oct 3, 1983

(This space for Federal or State office use)

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



SCALE 1:1000

SECTION 2
 TOWNSHIP 21S
 RANGE 23E
 COUNTY GRAND

OPERATOR ROSS JACOBS

DATE 11-7-83

WELL NAME STATE 2-16A

SEC SESW 2 T 21S R 23E COUNTY GRAND

43-019-3111
API NUMBER

STATE
TYPE OF LEASE

POSTING CHECK OFF:

<input type="checkbox"/>	INDEX	<input type="checkbox"/>	MAP	<input type="checkbox"/>	HL
<input type="checkbox"/>	NID	<input type="checkbox"/>		<input type="checkbox"/>	PI

PROCESSING COMMENTS:

WATER OK - THIS IS A CHANGE OF LOCATION AND
NEW PERMIT (OLD LOCATION 900FSL - 2340FWL STATE 2-16,
API NO 43-019-31101)

**APPROVED BY THE STATE
 OF UTAH DIVISION OF
 OIL, GAS, AND MINING**
 DATE: 11-7-83
 BY: [Signature]

CHIEF PETROLEUM ENGINEER REVIEW:

11/7/83
102-16B
Subj: P & A / Grandstaff #9,

APPROVAL LETTER:

SPACING: A-3 _____ UNIT c-3-a 102-16B 11-15-79
 CAUSE NO. & DATE

c-3-b c-3-c

SPECIAL LANGUAGE:

The Grandstaff #9 well shall be properly plugged
prior to spudding the State 2-16A well,
otherwise this letter of approval is void

- RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.
- AUTHENTICATE LEASE AND OPERATOR INFORMATION
- VERIFY ADEQUATE AND PROPER BONDING
- AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.
- APPLY SPACING CONSIDERATION

ORDER 102-16B

UNIT _____

c-3-b

c-3-c

DATE: _____
 DIVISION OF OIL AND MINING
 OF THE DIVISION OF
 APPROVED BY THE STATE

- CHECK DISTANCE TO NEAREST WELL.
- CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.
- IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER
- IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.
- VERIFY LEGAL AND SUFFICIENT DRILLING WATER

November 7, 1983

Ross Jacobs
2467 Commerce Blvd.
Grand Junction, Colorado 81501

RE: Well No. State 2-16A
SESW Sec. 2, T. 21S, R. 23E
500' FSL, 1820'FWL
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil/gas well is hereby granted in accordance with the Order issued in Cause No. 102-16B dated November 15, 1979. The Grindstaff #9 well shall be properly plugged prior to spudding the State 2-16A well, otherwise this letter of approval is void.

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

RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

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

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

The API number assigned to this well is 43-019-31111.

Sincerely,

Norman C. Stout
Administrative Assistant

NCS/as
cc: State Lands
Encl.



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

March 27, 1985

R.L. Jacobs Oil & Gas Company
2467 Commerce Boulevard
Grand Junction, Colorado 81501

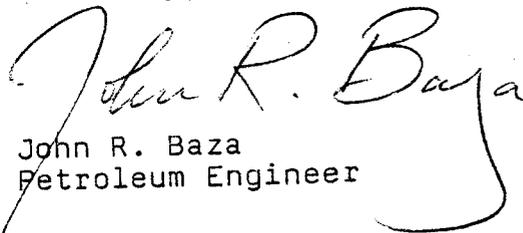
Gentlemen:

Re: Well No. State 2-16A - Sec. 2, T. 21S., R. 23E.
Grand County, Utah - API #43-019-31111

Due to excessive time delay in commencing drilling operations approval to drill the subject well is hereby rescinded, effective one calendar month from the date of this notice. If any operations have been performed on this well location it is imperative that you notify this division immediately.

A new "Application for Permit to Drill" must be filed with this office for approval, prior to future drilling of the subject location.

Sincerely,


John R. Baza
Petroleum Engineer

pk
cc: Dianne R. Nielson
Ronald J. Firth
File

0161S/10