

UTAH DIVISION OF OIL, GAS AND MINING

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE  WATER SANDS \_\_\_\_\_ LOCATION INSPECTED \_\_\_\_\_ SUB. REPORT/ABD. \_\_\_\_\_

11/1/79- Location Abandoned; Well never drilled

DATE FILED 10-3-79

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-10049 INDIAN

DRILLING APPROVED: 10-3-79

SPUDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: 11/1/79 - Location Abandoned

FIELD: ~~Wildcat~~ 3/86 Lion Mesa Field

UNIT:

COUNTY: San Juan

WELL NO. Hatch Point 27-1

API NO: 43-037-30504

LOCATION 924' FT. FROM (N) ~~XX~~ LINE. 1939' FT. FROM ~~XX~~ (W) LINE. NE NW 1/4-1/4 SEC. 27

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				27S	21E	27	POOL OIL & GAS COMPANY

11/1/79 - Location Abandoned; well never drilled

20  
1998

POOL OIL & GAS COMPANY - WELL NO. HATCH POINT 27-  
MICROFICHE  
API No. 43-037-30504  
Sec. 27, T. 27S, R. 21E, San Juan County, Utah

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.  
U-10049

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Federal

9. WELL NO.  
Hatch Pt. #27-1

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
NE. NW. Sec. 27-27S-21E  
S.L.M.

12. COUNTY OR PARISH  
San Juan

13. STATE  
Utah

17. NO. OF ACRES ASSIGNED TO THIS WELL  
80 Acres

20. ROTARY OR CABLE TOOLS  
Rotary

22. APPROX. DATE WORK WILL START\*  
Oct. 29, 1979

1a. TYPE OF WORK  
DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER

SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
Pool Oil & Gas Co.

3. ADDRESS OF OPERATOR  
817 17th Street, Suite 309, Denver, Colo. 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface NE. NW. Sec. 27, T 27S, R 21E., S.L.M.  
At proposed prod. zone 1939' fr. W-line and 924' fr. N-line

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
10 miles SW. of Moab, Utah (60 miles by road)

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

16. NO. OF ACRES IN LEASE  
120 Acres

17. NO. OF ACRES ASSIGNED TO THIS WELL  
80 Acres

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
No others

19. PROPOSED DEPTH  
7700' *Mississippian*

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5570' Grd; 5585' K.B.

22. APPROX. DATE WORK WILL START\*  
Oct. 29, 1979

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	24.00#	1200 ft.	300 sks
7 7/8"	4 1/2"	11.60&10.50#	7700'	Cemented to 100' above salt

It is planned to drill a well at the above location to test the hydrocarbon production possibilities of all formations down to and including the Mississippian formation at a depth of about 7700'. There will be about 1200' of surface casing (8 5/8") set thru the Shinarump formation to protect possible uranium mines in the area. Hydraulically operated blow-out-preventer or hydril will be mounted on top of the surface casing for control equipment. The well will be drilled with rotary tools using mud for circulation. All hydrocarbon shows will be drill-stem-tested. In case of production, 4 1/2" or 5 1/2" casing will be set and cemented with sufficient cement to bring the cement above the top of salt. The well will then be completed conventionally. See attached Prognosis.

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 *Fred W. Pool* TITLE President DATE Sept. 22, 1979

(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

PROGNOSIS FOR  
 POOL OIL & GAS CO.  
 HATCH PT. #27-1 WELL  
 SAN JUAN COUNTY, UTAH

Location: NE. NW. Sec. 27, T 27S, R 21E, S.L.M., San Juan County, Utah (1939' from W-line and 924' from N-line)

Elevation: 5570' Grd; 5585' K.B.

Surface Casing: One joint of conductor pipe (13 5/8" or equivalent) will be set and cemented manually at the surface; then an 11" hole will be drilled to a depth of 1200' for the surface casing. 1200 ft. of 8 5/8", 24.00#, K-55 casing will be set and cemented with 300 sks of reg. cement w/3% CaCl, with returns to the surface. Casing will be set with a Texas shoe and six (6) centralizers. A casing head, Series 600 with No. 10 flange, will be installed on top of the casing. The cement will be allowed 12 hours to set before nipping up.

Expected Formation Tops:

<u>Formation</u>	<u>Depth to Top</u>	<u>Thickness</u>	<u>Datum</u>
Kayenta	Surface	50'	5585' K.B.
Wingate	50'	400'	5535'
Chinle	450'	600'	5135'
Shinarump	1050'	70'	4535'
Moenkopi	1120'	700'	4465'
Cutler	1820'	930'	3765'
Rico	2750'	250'	2835'
Hermosa (Upper) *	3000'	1150'	2585'
Paradox Salt *	4150'	2650'	1435'
Pinkerton Trail *	6800'	280'	-1260'
Molas	7280'	50'	-1540'
Mississippian *	7330'	---	-1590'
Total Depth	7700'		

\* Formations with possible hydrocarbons present.

1. It is planned to drill a 11" surface hole for the surface casing to a depth of about 1200'. (This depth will be sufficient to set the casing thru the Shinarump formation for the protection of possible uranium mines in the area.) Casing, 8 5/8", 24.00#, K-55, R-3, will be run and cemented with 300 sks of cement with returns to the surface. The surface hole will be drilled, using a bottom hole reamer and stabilizer (one collar up) on the drill string to maintain a straight hole, since no surveys can be taken in this portion of the hole due to hydrostatic sticking. A casing head will be mounted on top of the casing and a blowout preventer with hydraulically operated blind and pipe rams, or a hydril, will be mounted on the casing head. Fill and kill lines will be connected thru a manifold to the casing head below the blind rams. As soon as the cement plug is drilled out of the surface casing, the B.O.P. or hydril and surface casing will be tested to 2000 lbs. for leaks.
2. A 7 7/8" hole will then be drilled below the surface casing to a depth of about 4000 feet, using fresh water mud for circulation. At this point, the mud system is to be changed over to a salt base mud to permit drilling the salt section below. All shows of hydrocarbons will be drill-stem-tested. Particular attention will be given to the various clastic zones in the salt section. These can be productive and are very susceptible to formation damage by the drilling fluids. No barite (barium sulfate) is to be used at any time, if it can possibly be avoided.
3. A bottom hole reamer and stabilizer (one collar up) will be used in the drill string below the surface casing to maintain a straight hole. Deviation surveys will be taken at 400-ft. intervals. Maximum deviation will be kept below 6°, if possible, and the maximum drift between surveys will be 2°.
4. Samples of the cuttings will be taken at 10-ft. intervals, beginning at 800' and continuing to total depth.
5. The well will be drilled to a depth which is at least 250 ft. below the top of the Mississippian formation or to good commercial production. In the event of good production before the Mississippian is reached, the drilling may be discontinued at this point and 5 1/2" casing run to permit drilling deeper at a

later date. The mud program will be supervised by the company representative.

6. At total depth the well will be logged electrically; and a Gamma-Induction log and a Gamma-Density-CNL log will be run.
7. If production is obtained in the Mississippian, casing, 4½", 11.60#, K-55, R-3 will be run from 7700' to about 4000' and 4½", 10.50# casing will be run from 4000' to surface, and cemented with about 400 sks of reg. cement w/10% salt and 800 sks of Pozmix (50-50) light cement. Sufficient cement to cover the salt section will be used.
8. A gamma-cement bond log will be run and the production zone perforated, 2 3/8" tubing run, and completed conventionally. It may be necessary to break down the formation with a weak acid treatment which would be swabbed out immediately after treatment.
9. The drilling of this well should take about one month and completion work should take about ten days.

*W. Don Quigley*

W. Don Quigley  
Consultant  
Suite 440  
57 West South Temple  
Salt Lake City, Utah 84101

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

For

Well Name: Hatch Pt. #27-1Location: NE. NW. Sec. 27-27S-21E, S.L.M., San Juan County, Utah1. Existing Roads: (See attached Maps)

## A. Well Location: (See Plat #1)

Reference Stakes: 150 ft. N-S-E-WPerimeter Stakes: Reference stakes also mark perimeter of well pad.B. Route and Distance to Well Site From Reference Point: (See att. maps)  
Take Hwy 163 south from Moab for 31 miles to Canyon Rim Road, thence northwest on Canyon Rim Road for 29 miles, thence ½ mile NE on new rd. to location.C. Access Roads (Identify secondary roads to be used): (See att. maps)  
The Canyon Rim Road is an improved all weather road and is less than ½ mile from the well site. All other roads in the area are unimproved trails and have a natural base of sand, gravel and rock.D. Roads Within 3 mile Radius: (See att. maps) See above. The last ½ mile of access road will be new and will be a 20-ft. wide dozed path across natural surface. All other roads in the 3-mile radius (except the Canyon Rim Rd) are trails and unimproved.Surface type and conditions: The surface of the new road will be sand, silt, and some gravel. The main road (Canyon Rim Rd) is gravelled ditched, and is an all-weather road.

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

See AboveF. Plans for Road Improvement & Maintenance: No improvement or maintenance is required initially. In the event of production, the new access road will be ditched, crowned, and gravelled if required for

F. all weather use. Drain-outs will be provided where needed, and the road will be cut to the bottom of the shallow washes.

2. Planned Access Roads: (See att. maps) Approx. 1/2 mile of new road - built along ridge.

(1) Width: Maximum disturbed width of 20 ft.

(2) Maximum Grades: 6% or less

(3) Turnouts: None required

(4) Drainage Design: None required initially

(5) Location and Size of Culverts, Cuts, and Fills: No deep cuts or fills will be required. The road will be cut to the bottom of one shallow wash (Maximum cut is 2 ft.).

(6) Surfacing Material: Natural surface of sand, silt, and gravel

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

(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: Several within a six-mile radius

(3) Temporarily Abandoned Wells: None

(4) Disposal Wells: None

(5) Drilling Wells: None

(6) Producing Wells: None

(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?       

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. In the event of gas production, a pipeline leading to the main gas line at Lisbon will have to be constructed, but this will be applied for at a later date.

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

(3) Construction methods and materials: Tank batteries will be placed on gravel pads and surrounded by a 3-ft high dike which is 15-ft from the sides of the tanks. Heater-treaters and pump jacks, if required, will be placed on concrete blocks or raised dirt and gravel pads. All pipe lines on the pad will be buried. Unused portions of the pad will be graded and reseeded. Any fluid pit will be diked and neatly contoured.

(4) Protective measures for livestock and wildlife: All open pits will be fenced with woven wire (40") and covered with streamers to protect animals and birds. Pump jacks or rotating machinery will have guards to prevent danger of 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 fenced

C. with woven wire if full of fluid before rig is removed. While production ensues, previous areas of the well pad not needed for production operations will be restored as in Item 10 below. Cleaning the site and pit work will be done within 30 days after the well is completed, if possible.

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

A. Type of Water Supply: Spring - if not dry - A spring in Trout Water Canyon could provide water, if the spring is flowing at this time; otherwise, the water may have to be from Indian Creek at the Kelly Ranch.

B. Method of Transporting Water: The water will be hauled by truck from the spring or Indian Creek. This is a distance of 12 or 35 miles respectively.

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 needed

B. Identify if Federal, Indian, or Fee Land: \_\_\_\_\_

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

D. See item 1-C and 2 above.

7. Waste Disposal:

- (1) Cuttings: Cuttings will be deposited into the reserve pit.
- (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 operation.

(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'X6'X6' deep) and burned periodically. The burn pit will be placed approx. 125 feet from well head.

(6) Clean-up: (See item 10 below) All garbage and unburned debris will be buried by at least 3' 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, as soon as the well is completed.

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

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

(1) Describe cuts or fills: The location is on a gentle slope beside a shallow wash. The south side is the high side and this will be cut down about 3 feet and pushed to the north side.

(2) Describe pits, living facilities, soil stockpiles: The surface soil (12") will be piled at the east and west sides of the location. The reserve pit will be on the north side and excavated material will be piled around the sides. A high bank will be placed on the north side of the pit to prevent fluids getting into the wash. Two or three house trailers will be provided for supervisory personnel.

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

(4) Are Pits Lined? Unlined with 6 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 if full of fluid, and site levelled for production equipment. All unused portions will be contoured, graded, scarred, and seeded with wheat grass or acceptable seed mix authorized by BLM.

B. If Well is abandoned:

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

- B. (1) the time the rig is removed. The reserve pit, if full of fluid, will be fenced immediately and allowed to evaporate before folding-in. The rest of the work will be done within 10-60 days after well is completed.
- (2) Seeding location and access road: Site will be scarred with a dozer or spike tooth drag and seeded with crested wheat or seed mix authorized by BLM, by hand broadcasting. The access road, if no longer needed, will be erased, scarred, and seeded 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 and remain fenced until the fluid evaporates.
- (4) Is there any oil in reserve pit? Should be none.  
If so, describe disposal: If there is any large amount of oil in the pit, it will be pumped out and removed before covering the pit.
- (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 a gentle slope with a wash trending E-W on the north side. The surface is sand and gravel. The vegetation is shad scale, sage brush and sparse grass.

(2) Other Surface Activities & Ownership: There are no continuous activities in the area. Occasional site-seers and tourists visit the camp grounds and Anticline Lookout at the end of Hatch Pt. This is federal land and oil & gas leases have been granted to various oil companies. Husky Oil Co. has the lease under the drill site.

(3) Describe other dwellings, archaeological, historical, or cultural sites: Tourist attractions are in the nearby area. These are the Hatch Pt. Camp sites and Anticline Lookout. There are no known archaeological sites or exhibits on or near the drill site. Some cattle grazing by local ranches have been allowed in the past. Other wells have been drilled in the general area in the past. No other wells are currently operating or being drilled. An archaeological report is being prepared and will be submitted separately.

12. Operators Representative: (Address & Phone number)

W. Don Quigley, Suite 440, 57 W. South Temple Bldg., Salt Lake City, Utah  
84010 801-359-3575

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 Pool Oil & Gas Co. and its contractors in conformity with this plan and terms and conditions under which it is approved.

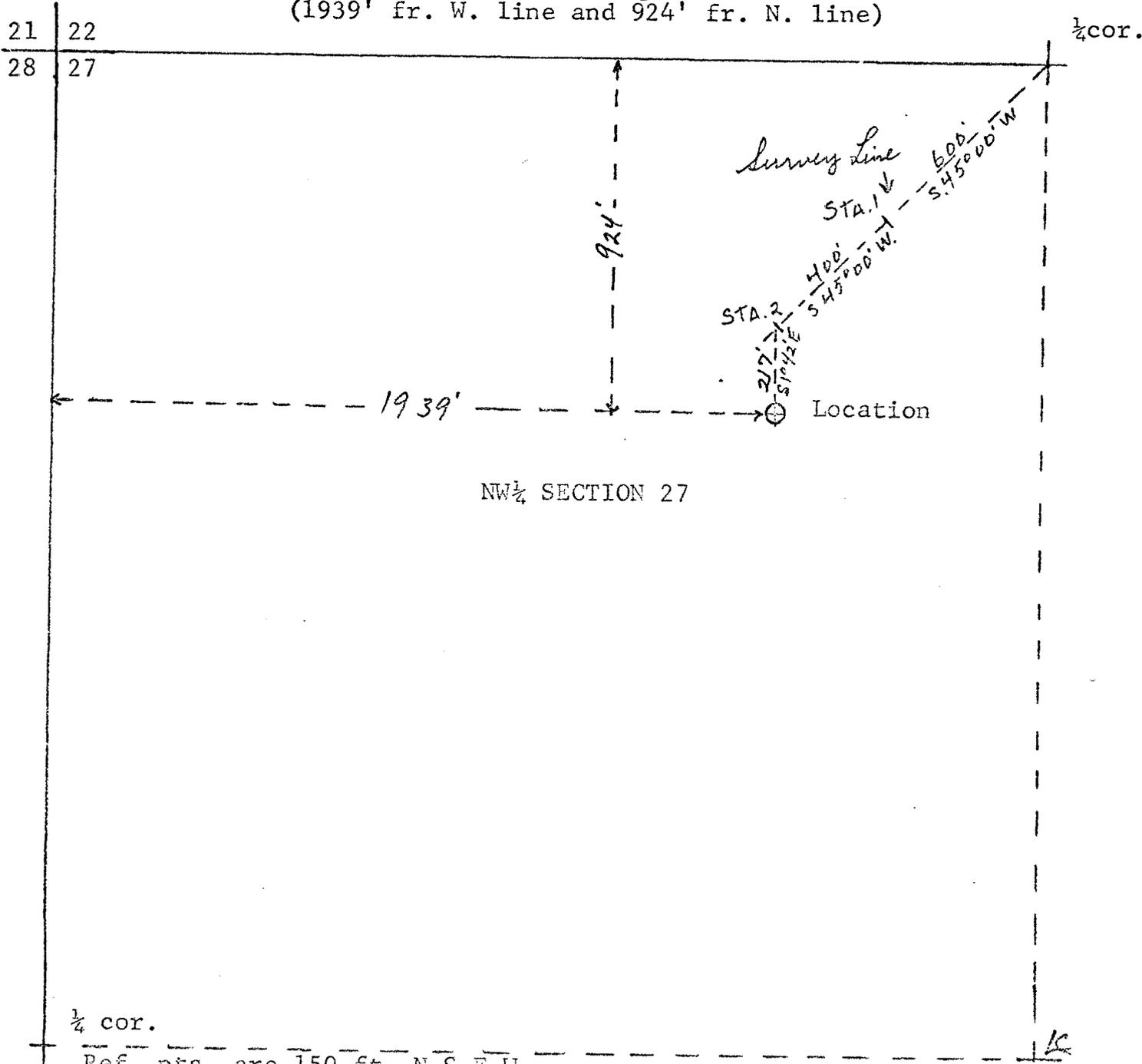
Date: September 22, 1979

Name: *H. Don Grigley*

Title: Consultant

LOCATION PLAT FOR  
 POOL OIL & GAS COMPANY  
 HATCH PT.#27-1 WELL  
 NE.NW.SEC.27-27S-21E  
 SAN JUAN COUNTY  
 UTAH

Elev.:5570'grd.  
 (1939' fr. W. line and 924' fr. N. line)



NW 1/4 SECTION 27

Ref. pts. are 150 ft. N-S-E-W

I, Sherman D. Gardner, do hereby certify that this plat was plotted from notes of a field survey made under my direct supervision, responsibility, and checking on Sept. 16, 1979

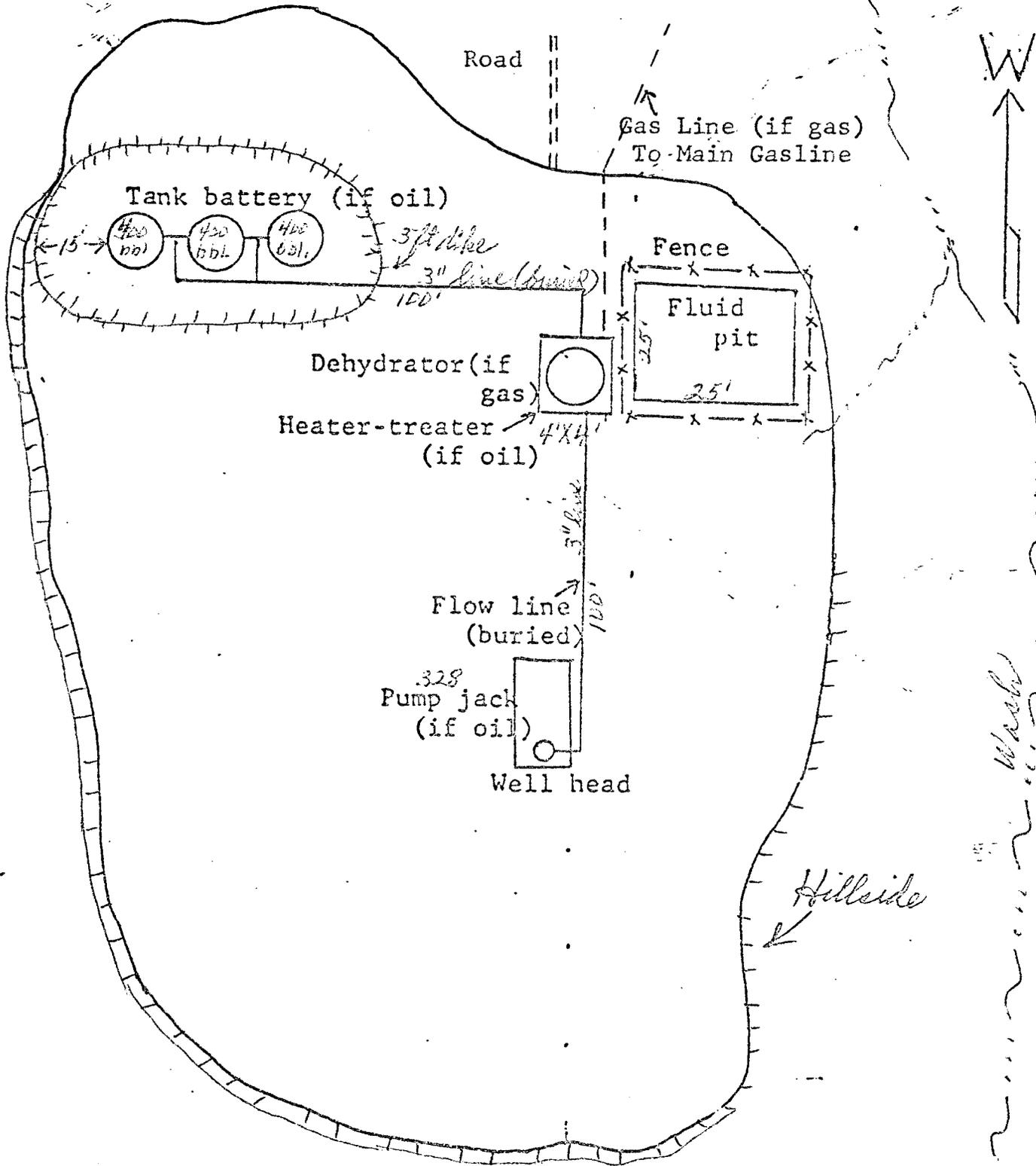
Scale: 1 in. = 400' ft.  
 Date: Sept. 19, 1979

*Sherman D. Gardner*  
 Registered Land Surveyor  
 State of Utah #1556

PLAT NO. 1

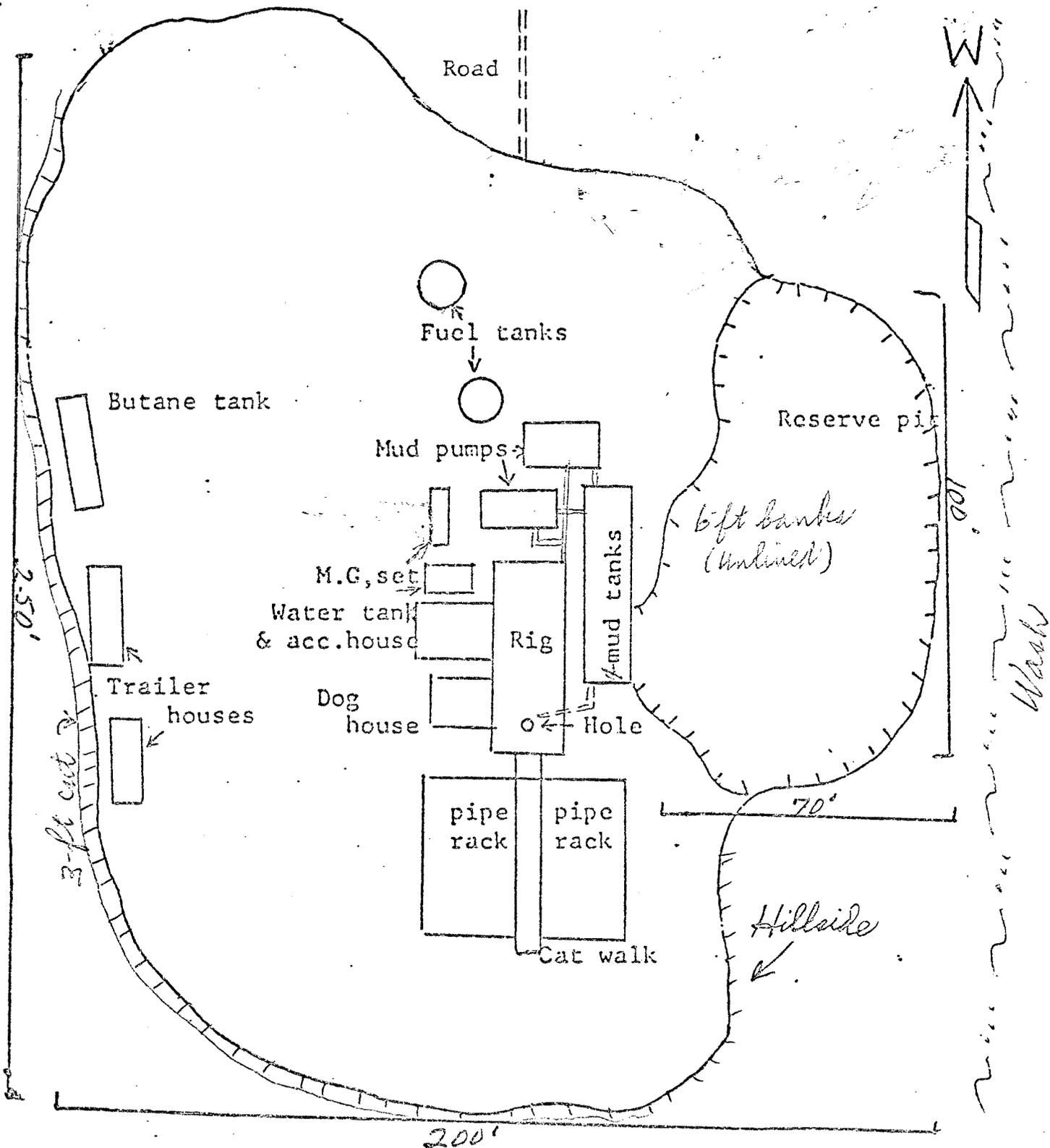
PLAN FOR PRODUCTION EQUIPMENT

POOL OIL & GAS COMPANY  
HATCH PT. #27-1 WELL  
NE. NW. SEC. 27-27S-21E.  
SAN JUAN COUNTY, UTAH



LOCATION PLAN FOR

POOL OIL & GAS COMPANY  
HATCH PT. #27-1 WELL  
NE. NW. SEC. 27-27S-21E.  
SAN JUAN COUNTY, UTAH



Scale: 1 in. = approx. 35 ft.

WELL CONTROL EQUIPMENT  
FOR  
POOL OIL & GAS COMPANY  
HATCH PT. #27-1 WELL  
NE. NW. SEC. 27-27S-21E.  
SAN JUAN COUNTY, UTAH

1. Surface Casing:
  - A. Hole size for surface casing is 11".
  - B. Setting depth for surface casing is approx. 1200 ft.
  - C. Casing specs. are: 8 5/8" O.D., K-55, 24.00#, LTC, R-3.
  - D. Anticipated pressure at setting depth is approx. 400#.
  - E. Casing will be run using six centralizers and a guide shoe, and will be cemented with 300 sks of cement with returns to the surface.
  - F. Top of casing will be about 18" below ground level.
2. Casing Head:

Flange size: 10; API Pressure Rating: 3000# W.P.; Series 600; Cameron, OCT, or equivalent; new or used; equipped with two 2" ports with high pressure nipples and 3000# W.P. ball valves.
3. Intermediate Casing: Probably none.
4. Blowout Preventer:
  - A. Double rams, hydraulic, one set of blind rams and one set of pipe rams for 4½" drill pipe; 10" flange, 3000# W.P.; Series 900; equipped with mechanical wheels and rod for back-up; set on top of casing head flange and securely bolted down. Initially rams will be pressure tested for not less than 2000# for leaks and will be checked and closed once a day while drilling operations are underway.
  - B. Fill and kill lines (2" tubing or heavy duty line pipe) with manifold are to be connected to the 2" valves on the casing head.
5. Auxilliary Equipment:

A float valve is to be used in the bottom drill collar at all times. The standpipe valve will be kept in good working condition, and a safety valve that can be stabbed into the top of the drill pipe or drill collars will be kept on the derrick floor in a handy position at all times.
6. Anticipated Pressures:

The shut-in pressures of the potential pay zones found in

the Hermosa, Paradox, and Mississippian formations at the corresponding depths are as follows:

Hermosa	----- 3900'	----- 2000#
Paradox	----- 6200'	----- 4500#
Mississippian	----- 7400'	----- 3000#

\* These pressures are based on DST's taken on other wells in the Lisbon area.

#### 7. Drilling Fluids:

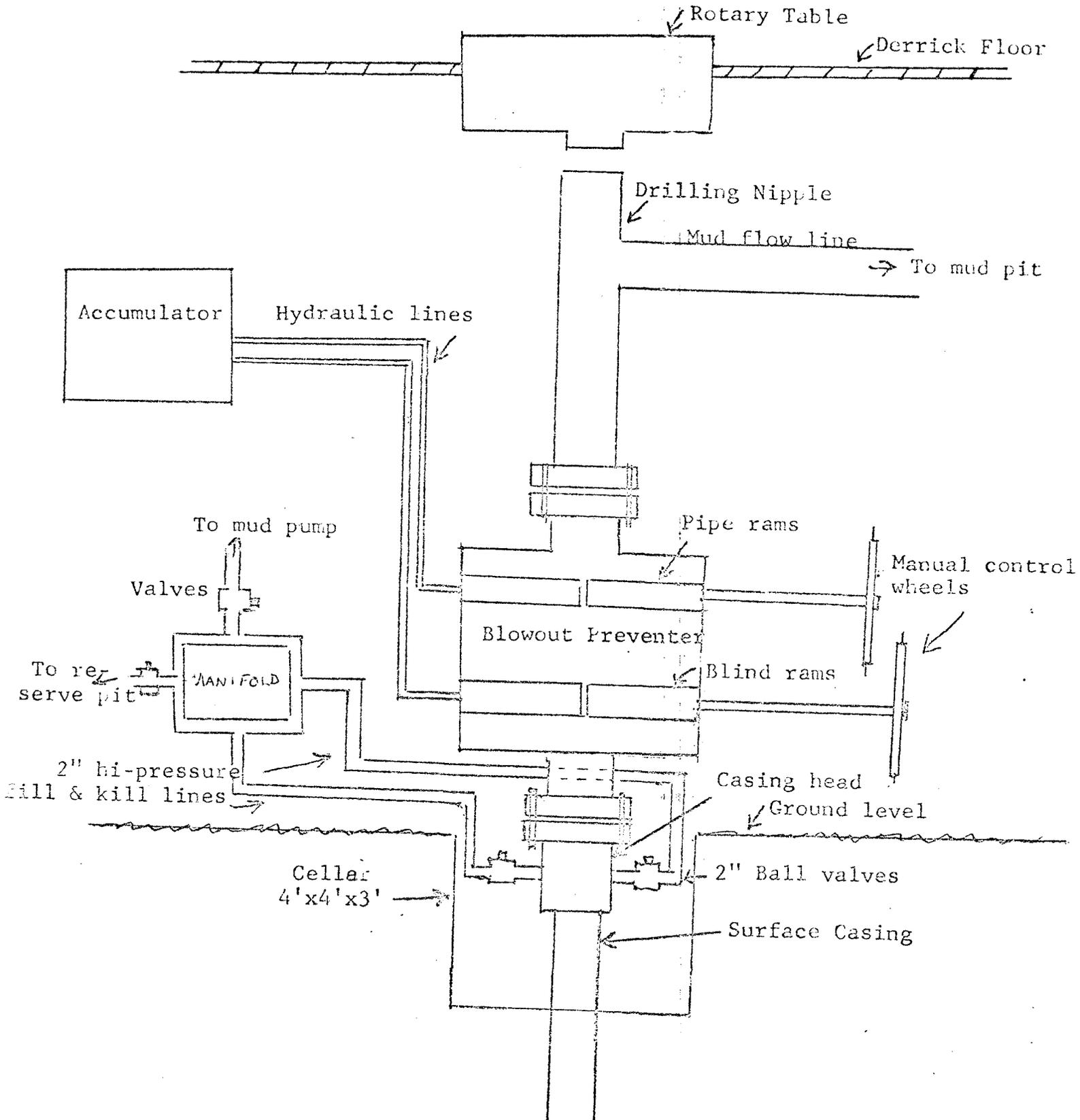
Normal fresh water mud with gel and chemicals will be used for circulation down to about 4000 ft. and then the mud system will be changed over to salt base mud. The mud weight will be kept at about 9-10 lbs/gal; and the viscosity will be kept around 35, and the water loss kept below 20 cc., if possible. At 4000 ft. the mud weight will be raised to about 10.8 to 11 lbs/gal; viscosity at 35, and water loss below 10 cc., if possible. This weight and associated hydrostatic pressure should usually keep the well under control. Abnormal pressures are known in the Paradox in the area, and care must be taken in this section to keep the well under control. There has been no indication of sour gas in the nearby wells.

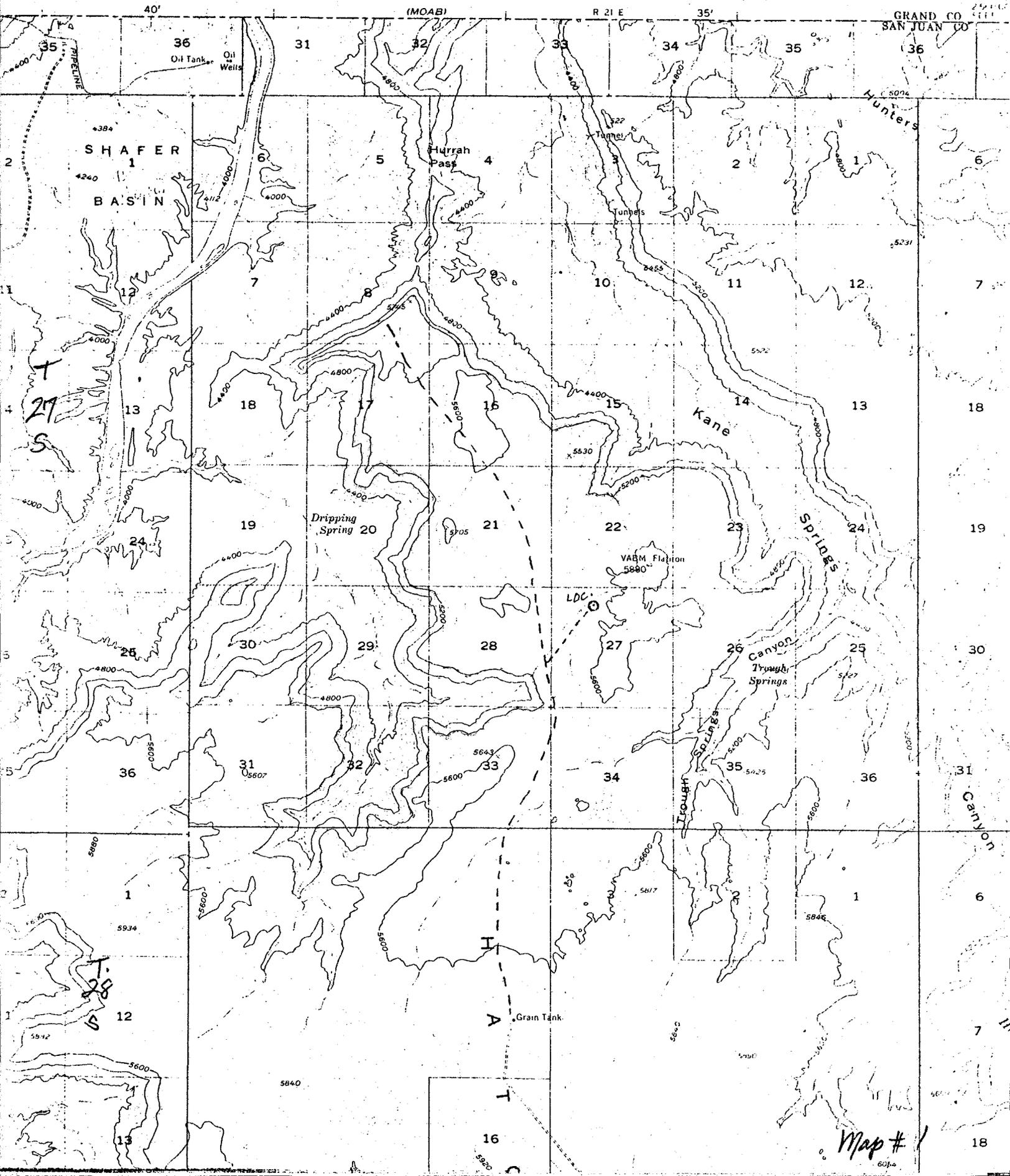
#### 8. Production Casing:

- A. Hole size for the production casing will be 7 7/8".
- B. Approx. setting depth will be about 7700'.
- C. Casing specs. are: 3700' of 4½" O.D., 11.60#, N-80, R-3 casing, and 4000' of 4½" O.D., 10.50#, K-55 casing with guide shoe and float collar and about 12 centralizers, D.V. tools, and cement baskets at the proper places, cemented with 1200 sks of regular, type "G" cement with 10% salt, and Pozmix light cement at top.
- D. The anticipated pressure at setting depth should not be greater than 3600#.

*W. Don Quigley*  
W. Don Quigley  
Consultant

SCHEMATIC DIAGRAM OF  
CONTROL EQUIPMENT FOR THE  
POOL OIL & GAS COMPANY  
HATCH PT. #27-1 WELL  
NE. NW. SEC. 27-27S-21E.  
SAN JUAN COUNTY, UTAH





40'

(MOAB)

R 21 E

35'

GRAND CO  
SAN JUAN CO

SHAHER  
BASIN

Hurrpah  
Pass

Kane

SPRIDES

Canyon  
Through  
Springs

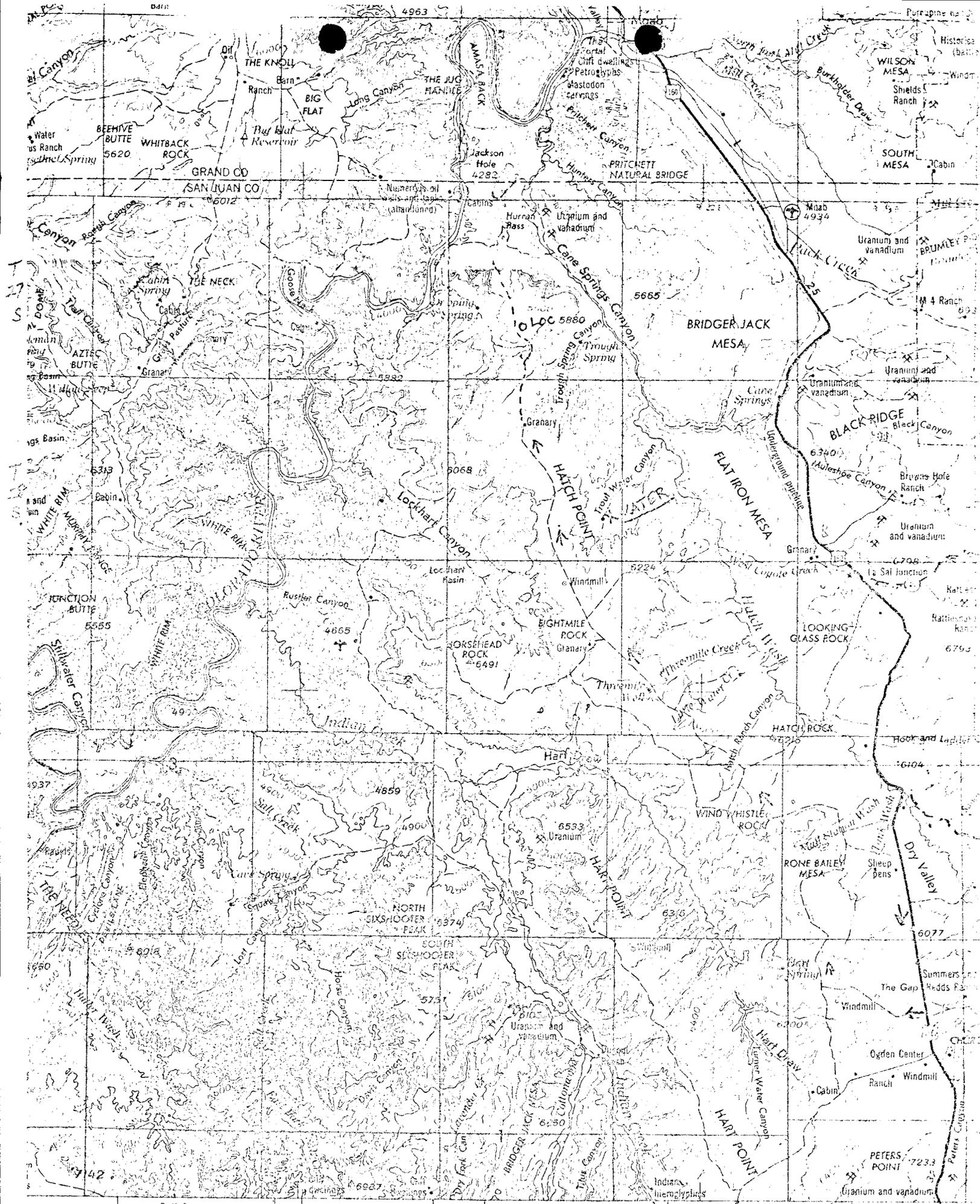
TROUGH  
SPRINGS

Canyon

T  
27  
S

H  
A  
T

Map # 1



\*\* FILE NOTATIONS \*\*

DATE: October 2, 1979

Operator: Pool Oil and Gas Co.

Well No: Hatch Point #27-1

Location: Sec. 27 T. 27S R. 21E County: San Juan

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number 43-037-30504

CHECKED BY:

Geological Engineer: \_\_\_\_\_

Petroleum Engineer: \_\_\_\_\_

Director: ORCBV

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. \_\_\_\_\_

O.K. Rule C-3

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

Lease Designation 3rd

Plotted on Map

Approval Letter Written

blm

#2 plus 660' ownership or control

PI KL

W. DON QUIGLEY

OIL AND MINERALS CONSULTANT  
SUITE 440, 57 W. SO. TEMPLE - SALT LAKE CITY, UTAH 84101  
Sept. 27, 1979

Oil & Gas Division  
Dept. of Natural Resources  
1588 West No. Temple  
Salt Lake City, Utah 84116

Re: Request for  
Exception to  
Spacing Rule

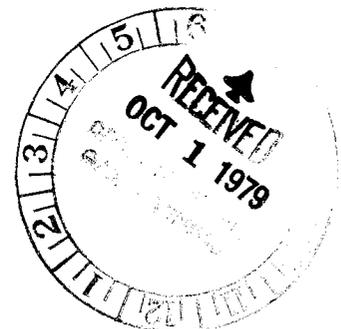
Dear Sirs:

The attached application for a well permit shows a location which is 400 ft. from the south line of a lease boundary and  $\frac{1}{4}$ - $\frac{1}{4}$  section. The location is control<sup>led</sup> by topography in this area and is therefore somewhat unorthodox. The requirements of the Bureau of Land Management is such that minimum disturbance of the landscape must be considered.

Therefore, an exception to the State wildcat spacing rule is hereby requested. There are no other nearby wells (none within a 3-mile radius). Pool Oil and Gas Company controls all the oil and gas leases within a 1-mile radius of the proposed well site.

Sincerely yours,

*W. Don Quigley*  
W. Don Quigley



Please Expedite  
This lease expires  
on Oct. 31, 1979

Thank you



October 3, 1979

Pool Oil and Gas Company  
317 17th Street, Suite 309  
Denver, Colorado 80202

Re; Well No. Hatch Point #27-1  
Sec. 27, T. 27S, R. 21E.,  
San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil and gas well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations of Practice and Procedure. However, approval is contingent upon a statement being sent by Pool Oil and Gas Company to this Division stating that you own or control acreage within a 660' radius of the proposed site.

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

MICHAEL T. MINDER  
Geological Engineer  
Office: 533-5771  
Home: 876-3001

or

FRANK M. HAMNER  
Chief Petroleum Engineer  
Office: 533-5771  
Home: 531-7827

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 43-037-30504.

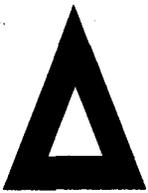
Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder  
Geological Engineer

/b:tm

cc: USGS



Suite 309, Guaranty Bank Building  
817 17th Street, Denver, Colorado 80202  
Telephone 303/573-0091

## POOL OIL & GAS

October 9, 1979

Mr. Michael T. Minder  
Department of Natural Resources  
1588 West North Temple  
Salt Lake City, Utah 84116

Re: Well No. Hatch Point 27-1  
Sec. 27, T27S, R21E  
San Juan County, Utah

Dear Mr. Minder:

Concerning the control of acreage within 660' radius of the proposed wellsite, Pool Oil & Gas either owns or has under farmout contract all of the acreage encompassed within said 660' radius.

Upon the completion of drilling this well, we will file with you Form OGC-8-X with regard to water sands encountered during the drilling of said well.

Thank you very much for your help and approval of the above drillsite.

Sincerely,

Fred W. Pool

FWP/mr

cc: Mr. Don Quigley  
57 West South Temple  
Salt Lake City, Utah 84101





# United States Department of the Interior

GEOLOGICAL SURVEY  
Federal Building  
701 Camino del Rio  
Durango, Colorado 81301

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

November 1, 1979

Pool Oil and Gas Company  
Attention: Fred W. Pool, II  
817 17th Street, Suite 309  
Denver, Colorado 80202

Dear Mr. Pool:

Reference is made to our telephone conversations this date. U.S. Geological Survey inspections October 31, 1979, and November 1, 1979, indicate that diligent drilling operations were not being conducted on Federal oil and gas lease U-10049 over its expiration date. Consequently, lease U-10049 terminated by its terms October 31, 1979.

As discussed with you by telephone this date at 10:25 a.m., approval is rescinded for Application for Permit to Drill Well No. 27-1 Hatch Point Federal, located in the NE $\frac{1}{4}$  sec. 27, T. 27 S., R. 21 E., SLM, San Juan County, Utah. Application for Permit to Drill had been approved October 29, 1979.

Our inspection this morning found that construction of access road was started this morning. Surface disturbance from this construction will have to be rehabilitated to the satisfaction of the Bureau of Land Management.

Sincerely yours,

(Orig. Sgd.) C. A. BARRICK

Carl A. Barrick  
Acting District Engineer

cc: Utah Div. Oil, Gas, & Mining, Salt Lake City, Utah

