

UTAH DIVISION OF OIL, GAS AND MINING

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

Location Abandoned - Application terminated - 12-22-8081

DATE FILED 1-10-80

LAND: FEE & PATENTED _____ STATE LEASE NO. _____ PUBLIC LEASE NO. U-17245 _____ INDIAN _____

DRILLING APPROVED: 1-²²~~21~~-80

SPUDDED IN:

COMPLETED: 12-22-81 PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH: 2500

WELL ELEVATION: 4677' GR

DATE ABANDONED: LA'D 12-22-81

FIELD: Greater Cisco Area 3/86

UNIT:

COUNTY: Grand

WELL NO. Cisco Federal #11 API NO: 43-019-30595

LOCATION 1540' FT. FROM (N) ~~90X~~ LINE. 1100' FT. FROM (E) ~~90X~~ LINE. SE NE 1/4-1/4 SEC. 28

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				20S	23E	28	CISCO DRILLING & DEV, INC.

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 Cisco Drilling & Development Inc.

3. ADDRESS OF OPERATOR
 P. O. Box 6059, Hamden, Connecticut 06517

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 SE 1/4 NE 1/4 Section 28 T20S, R23E, SLM
 At proposed prod. zone
 1540 ft. from N-Line and 1100 ft. from E-Line

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 4 miles NW of Cisco, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
 1100 ft.

16. NO. OF ACRES IN LEASE
 1120.00

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

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 5097 ft.

19. PROPOSED DEPTH
 2,500 ft. *intended*

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 GR 4677 ft; RT 4687 ft.

22. APPROX. DATE WORK WILL START*
 1-7-80

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-3/4"	7"	20.0 lbs.	150 ft.	75 sks cement thru production zone and cemented 200 ft. above the Dakota Formation.
6-1/2"	4-1/2"	10.5 lbs.		

It is planned to drill a well at the above location to test the gas production possibilities of the sands in the Dakota, Cedar Mountain, and Morrison Formations. The well will be drilled to a point which is near the top of the Entrada Formation or to commercial production. Rotary tools with air for circulation until water is encountered, then drilling fluid will be used to drill the well. The surface casing will be set at about 150 ft. and cemented with returns to the surface. A blowout preventer with hydraulically operated blind and pipe rams will be installed on top of the surface casing; and a Kelly cock and safety sub on the derrick floor will provide protection from pressure and temperatures. 2-inch Fill and Kill lines will be connected below the blind rams. Any gas encountered will be flared at the end of the blowline, and roughly checked for volume thru a 2-inch line after the pipe rams have been closed. A float valve will be used in the bottom drill collar at all times.

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 John M. Mudon TITLE Field Representative DATE 12-17-79

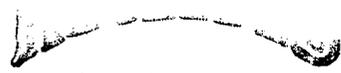
(This space for Federal or State office use)

PERMIT NO. 43-019-30595 APPROVAL DATE January 21, 1980

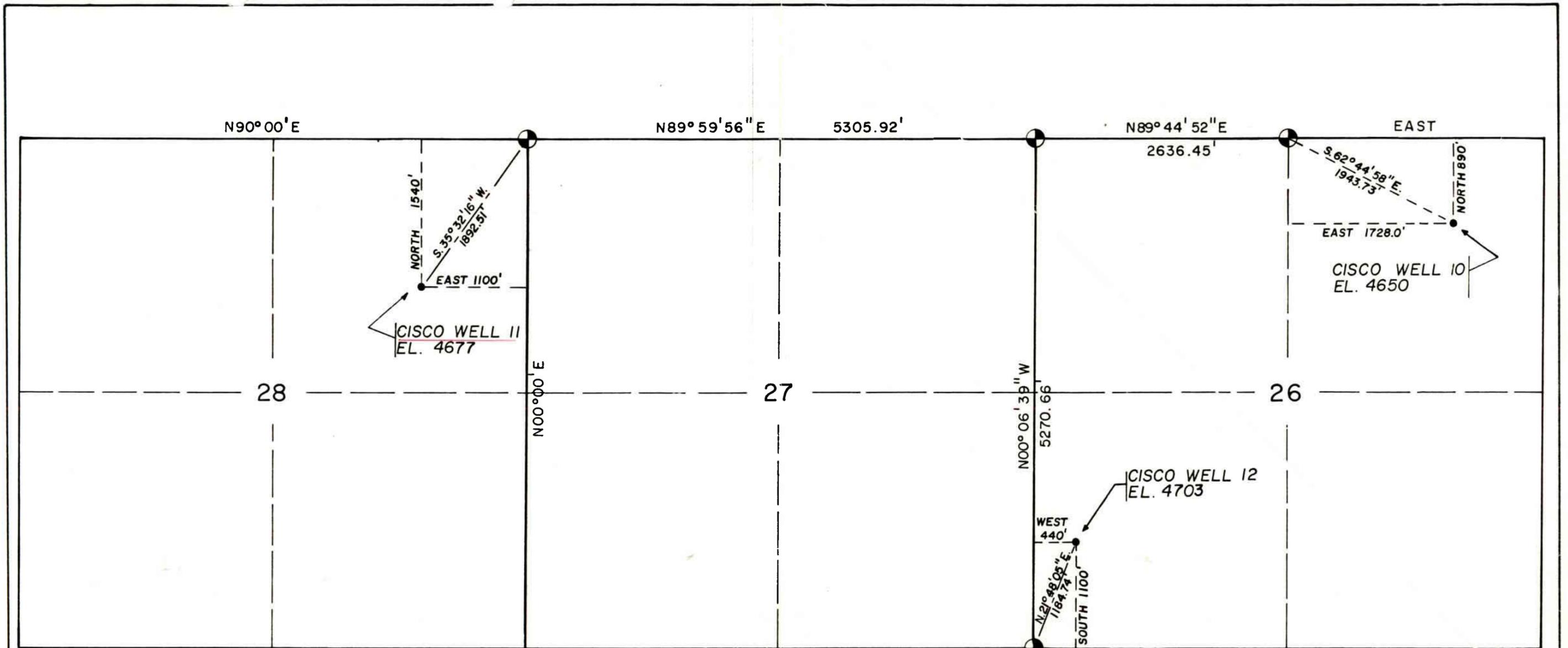
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side



JAN 10 1980



CERTIFICATE OF SURVEY

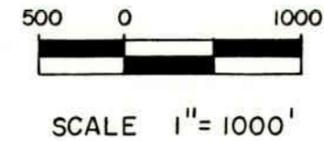
I, MERRITT P. DISMANT, BEING A REGISTERED LAND SURVEYOR DO HEREBY CERTIFY THAT THE SURVEY OF DRILL SITE LOCATION CISCO WELL #10 IN THE NE¼ OF SECTION 26, CISCO WELL #11 IN THE NE¼ OF SECTION 28, AND CISCO WELL #12 IN THE SW¼ OF SECTION 26, ALL LOCATED IN T.20S., R.23E., SALT LAKE MERIDIAN, GRAND COUNTY, UTAH, AND THE PLAT THEREOF WAS MADE UNDER MY SUPERVISION.

Merritt P. Dismant

MERRITT P. DISMANT



7935



⊕ FOUND G.L.O. BRASS CAP

ELEVATIONS ARE FROM THE U.S. DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY TOPOGRAPHIC MAP.

	PLAT OF THE CISCO WELL 10 - CISCO WELL 11 - CISCO WELL 12 GRAND COUNTY, UTAH		
	MINERALS SERVICE COMPANY GRAND JUNCTION, COLORADO		
SURVEYED BY I.T.S., Inc.	SCALE 1" = 1000'	DRAWN BY KLF	JOB NUMBER M.S.C.-79-124-L
DATED BY I.T.S., Inc.	DATE	CHECKED BY	

Operation Plan for
Cisco Drilling & Development Inc.
Cisco Well #11

LOCATION: SE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 28, Township 20 South, Range 23 East, SLM
Grand County, Utah.
1,540 ft. from N-Line and 1,100 ft. from E-Line

ELEVATION: 4,677 ft. (GR); 4,687 ft. (RT)

1. & 2. EXPECTED FORMATION TOPS:

<u>Formation</u>	<u>Depth to Top</u>	<u>Thickness</u>	<u>Datum (RT)</u>
Mancos Shale	Surface	1,585 ft.	4,687 ft.
Dakota Sandstone	1,585 ft.	80 ft.	3,102 ft.
Cedar Mountain	1,665 ft.	100 ft.	3,022 ft.
Morrison			
Brushy Basin Shale Member	1,765 ft.	225 ft.	2,922 ft.
Salt Wash Sandstone Member	1,990 ft.	250 ft.	2,697 ft.
Summerville/Curtis	2,240 ft.	75 ft.	2,447 ft.
Entrada Sandstone	2,315 ft.	---	2,372 ft.
Total Depth to Top of Entrada:	2,297 ft.		

3. It is anticipated that we will encounter water in the Dakota Formation. If the water produced is significant, it will be necessary to convert from air to drilling fluid. About 800 sacks of Barite will be maintained on the drill-site. The reservoir pit is considered sufficient to accommodate even a large volume of water produced. The estimated depth gas should be reached is approximately 50 ft. below the top of the Entrada Formation. There is a slight probability of a commercial flow of gas above this depth.
4. It is planned to drill a 9-3/4" hole and run new 7" surface casing down to a depth of 150 ft. (RT) and will be no more than 1° deviation. 150 ft. of 7-inch, 20 lbs/ft., K-55, R-3 new casing will be set and cemented with 75 sks cement, 3% CaCl; with returns to the surface. A 6-1/2 inch hole will be drilled below the surface casing, using air for circulation until water is encountered. If good production (over 750 MCF/day) is obtained, 4-1/2 inch diameter, 10.5 lb/ft. K-55, R-3 new casing will be run and cemented conventionally with sufficient R.E.C. cement to reach 200 ft. above the top of the Dakota Formation. The production zone will then be perforated; 2-3/8 inch outside diameter tubing run; and the well completed conventionally.
5. The maximum pressure and the working pressure for control equipment is stated on the enclosed schematic diagram. A flare will be maintained at the end of the blowie line while drilling below 1,200 ft. This will insure that no gas will be missed. The air drilling will minimize the pollution to ground waters and damage to shallow formations. In addition to the blind rams, the drill rig will be equipped with a Kelly cock and a safety sub on the derrick floor.
6. High viscosity mud (not less than 100 vis.) will be pumped into the hole to provide control of anticipated gas and to provide a conductive medium for the electric logs. About 800 sacks of Barite will be maintained on the drill-site even after conversion from air to drilling fluid.

7. 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 (see plat for diagram). A rotating head or "Grant" will be mounted on top of the blowout preventer. A blewie line, at least 125 ft. long, will be attached to the rotating head and extended into the reservoir pit.
8. Should gas (several million cubic feet) or oil be encountered, and/or when the total depth of the well is reached, electric logs will be run. Prior to running logs, high viscosity mud (not less than 100 vis.) will be pumped into the hole to provide control of the gas and to provide a conductive medium for the logs. A dual-induction-laterolog will be run from 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. Samples of the cuttings will begin at 1,200 ft. 30 ft. samples will be taken from 1,200 ft. to 1,600 ft., and then 10 ft. samples will be taken from 1,600 ft. to total depth.
9. As stated before, high viscosity mud (not less than 100 vis.) will be pumped into the hole to provide control of the gas and to provide a conductive medium for the logs. The drilling fluid will be used as a control in the event of high pressure gas and the various safety devices -- the blind rams, Kelly cock, and safety valves -- will serve further to control any hazardous flow pressure or high temperature by permitting a shut-in of the well.
10. It is anticipated that the drilling of the well will require about one week and will start about January 7, 1980.

John M. Mudon

John M. Mudon
Field Representative
Minerals Service Company
Grand Junction, CO 81502

Surface Use Plan

Cisco Drilling & Development Inc.

Cisco Well #11

1. EXISTING ROADS - Area Map Exhibit "B" is a reproduction of portions of Danish Flat, Cisco Springs, Cisco Utah Quadrangles.
 - A. Exhibit "A" shows the proposed well site as staked. Drill site and directional reference stakes have been completed and flagged during our on-site field work.
 - B. From the east exit off Interstate 70 to Cisco, Utah, take the Cisco Mesa Road approximately 4 miles in a northwesterly direction, then approximately 3-1/2 miles west along an existing pipeline to flagging along east side of the road. The well location is approximately 1 mile east of the road; the new road is colored orange on the map, Exhibit "B". Because of deep draws, you can only drive about 1/4 mile to the well location. One culvert and two low water crossings will be necessary in order to get access to Cisco Well #11.
 - C. Access roads to the location are color-coded and labeled on map, Exhibit "B".
 - D. This is an exploratory well. Existing public and ranch roads within a three mile radius are shown on map, Exhibit "B", and consist of a sandy-dirt surface with road conditions color-coded.
 - E. The existing roads will require grading, with no additional road material necessary, other than a culvert. With production, we anticipate having to grade the roads into the well location but should not have any problems with the existing main approach roads through the Cisco Mesa area.
2. PLANNED ACCESS ROADS
 - 1) The width of the existing road is about 12' and is not expected to be wider than 16'.
 - 2) The maximum anticipated grade from the preliminary survey will not exceed 3% grade.
 - 3) No turnouts will be necessary on the access road.
 - 4) There will be no ditches or water turnouts necessary for Cisco Well #11 because the main access roads are already in this area.
 - 5) The location of the culvert is about 1/4 mile east of the existing road going to Cisco Well #11, the culvert will not be smaller than 18". There will also be two low water crossings east of the culvert approximately 1/4 mile towards Cisco Well #11.

- 6) We anticipate not using any surfacing material for the access roads.
- 7) There is a fence that crosses an existing road in section 16, no cattleguard will be necessary.
- 8) All new roads or reconstructed roads have been center-line flagged and are shown in orange on map, Exhibit "B".

3. LOCATION OF EXISTING WELLS WITHIN TWO MILE RADIUS

- 1) Water Wells - None
- 2) Abandoned wells - None
- 3) Temporarily abandoned wells - See Exhibit "B"
- 4) Disposal wells - None
- 5) Drilling wells - See Exhibit "B"
- 6) Producing wells - See Exhibit "B"
- 7) Shut-in wells - See Exhibit "B"
- 8) Injection wells - None
- 9) Monitoring or observation wells - None

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. Presently the Lessee does not control or own any tank batteries, production facilities, oil, gas, injection or disposal lines within a one mile radius.
- B. A plan for the anticipated production equipment, if the well is successful, is submitted on Plat No. 2. This location should stay within the boundary of the proposed well pad. The dimensions of the pad are 250'x275'. No additional construction materials will be required. Protective measures for livestock and wildlife will include all pits being fenced on three sides during drilling and will be fenced on the fourth side and overhead flagging installed after drilling is completed and prior to filling.
- C. Areas not needed for production equipment will be surface graded, contoured and reseeded.

5. LOCATION AND TYPE OF WATER SUPPLY

Since the proposed well is to be drilled with air for circulation, very little water will be required. The water needed will be hauled by truck to the location by Dalgarno Transportation, located in Grand Junction, Colorado. They will get their water at Cisco Springs, or from the Colorado river. No water well will be drilled on this lease.

6. SOURCE OF CONSTRUCTION MATERIALS

No additional road material, sand, gravel, stone or soil material will be required. There will be two low water crossings necessary and one culvert put in on the approach road to Cisco Well #11. All existing, new and reconstructed, roads are outlined on the enclosed map. The majority of travel on these roads will be during winter months while frost is in the ground. Upon production, only existing materials on the site will be used for permanent roads. The surface and mineral ownership are both held by the U.S.A.

7. METHODS FOR HANDLING WASTE DISPOSAL

A reservoir and burn pit will be constructed at the well site as shown on Plat No. 3. All excess water, mud and drill cuttings will be deposited into the reservoir pit. Burnable material and garbage will be put into the trash pit, which will be fenced to prevent the spreading of debris by wind. A toilet will be furnished for human waste. The approximate dimensions of the reservoir pit are shown on Plat No. 3. When the pits are dry and the weather permitting, all pits will be folded in and covered after cessation of drilling operation. Any oil left on the surface of the reservoir pit will be either skimmed off or burned off prior to covering the reservoir pit. The reservoir pit will also be fenced on three sides during drilling and will be fenced on the fourth side and overhead flagging installed after drilling is completed and prior to filling.

8. ANCILLARY FACILITIES

No camp facilities other than two or three house trailers at the well site will be needed. No air strip will be required.

9. WELL SITE LAYOUT

A plan for the drilling equipment layout required for the drilling of the proposed well is shown on Plat No. 3. The approximate dimensions of the site, direction of drill rig setting, reservoir pit location with dimensions, and equipment arrangements are shown on this plat. The drilling site is located on the west side of the Cisco Mesa on an area 250'x275' and is generally high through the center and slopes to the east and west. The top soil (approx. 8") will be stockpiled in the north corner of the drill site. A cross section of this area is provided in the lower left hand side of Plat No. 3. It is estimated that the maximum cut will be 8'-10' through the center line with fills in all corners of the pad. The surface in this area is a sandy shale with very little vegetation. The reservoir pit will be placed on the northeast side of the site and will be unlined.

10. PLANS FOR RESTORATION OF SURFACE

After drilling operations have been concluded, and the equipment removed, the well site will be cleaned, rat hole and mouse hole filled in; the cellar filled in around well marker or well head; the location and roads leveled and restored to normal topography; top soil spread back over the location and reseeded if the well is unsuccessful. If the well is completed for production, the location will be cleaned and leveled for the

production equipment; oil on pits will be either skimmed off or burned off; the pits will be folded in and leveled. This work will be conducted as soon as feasible, hopefully, within 60 days after the drilling equipment has been removed. When drilling is completed, if there is moisture in the ground, we will reseed by broadcasting. If, during Spring/Summer, the reseeding proves ineffective, we will reseed during the more favorable October-mid-December period by drill.

11. OTHER INFORMATION

Topography of the land is a desert highland consisting of erosional hills, mesas and plateaus. Upper Sonoran Zone greasewood, salt brush, sagebrush, rabbit brush grow in a sandy loam saline soil, which supports various insect, rodent and reptile populations.

There are no known archaeological, historical or cultural sites in the area.

There are no occupied dwellings in the area.

The surface and mineral ownership are both held by the U.S.A.

12. Field Representative who can be contacted concerning compliance of the Surface Use Plan is:

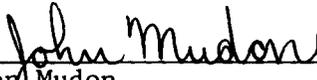


John M. Mudon
P. O. Box 3523
Grand Junction, CO 81502
(303) 245-2335

CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operation proposed herein will be performed by Cisco Drilling & Development Inc. and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

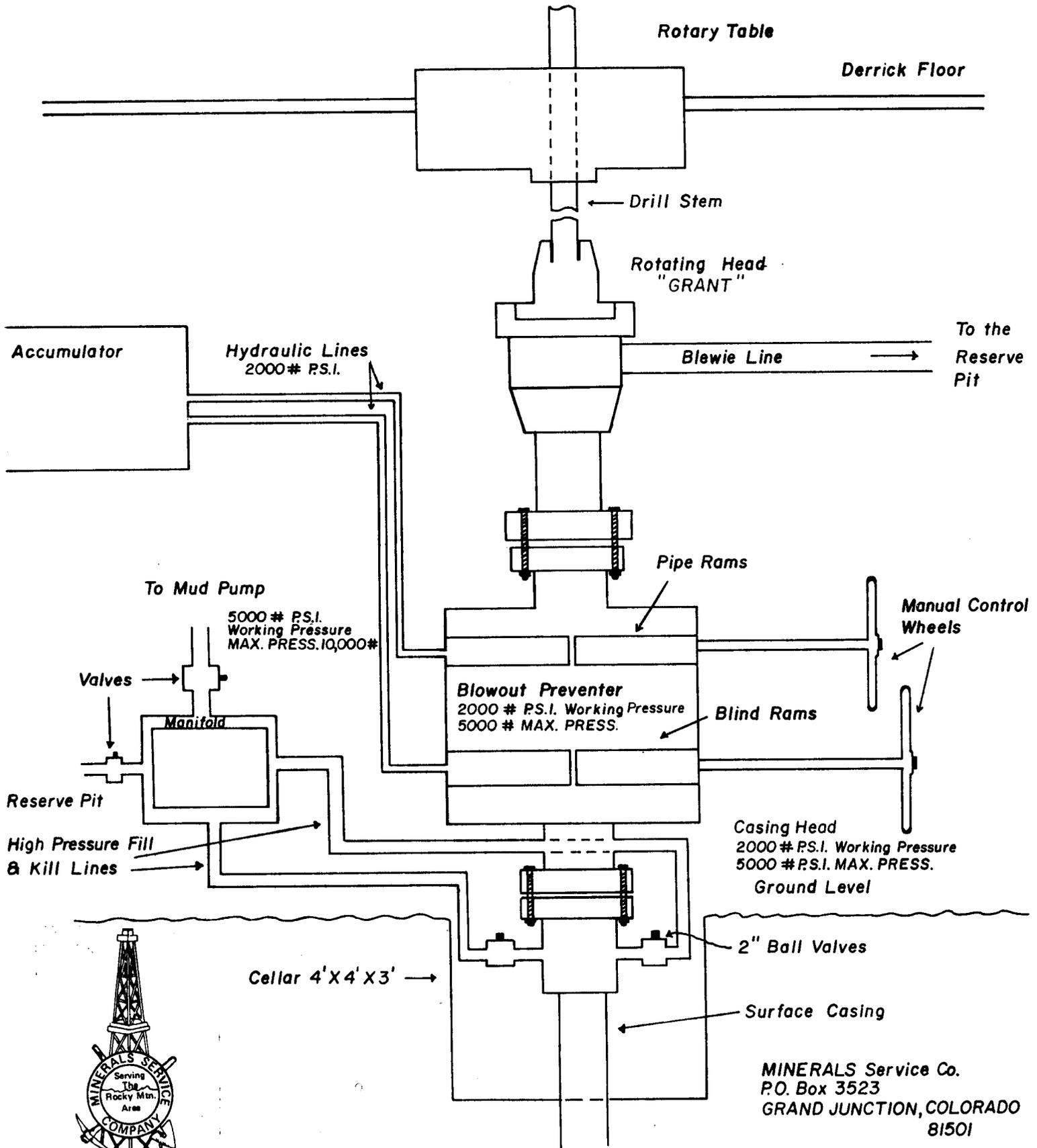
12-19-79



John Mudon
Field Representative

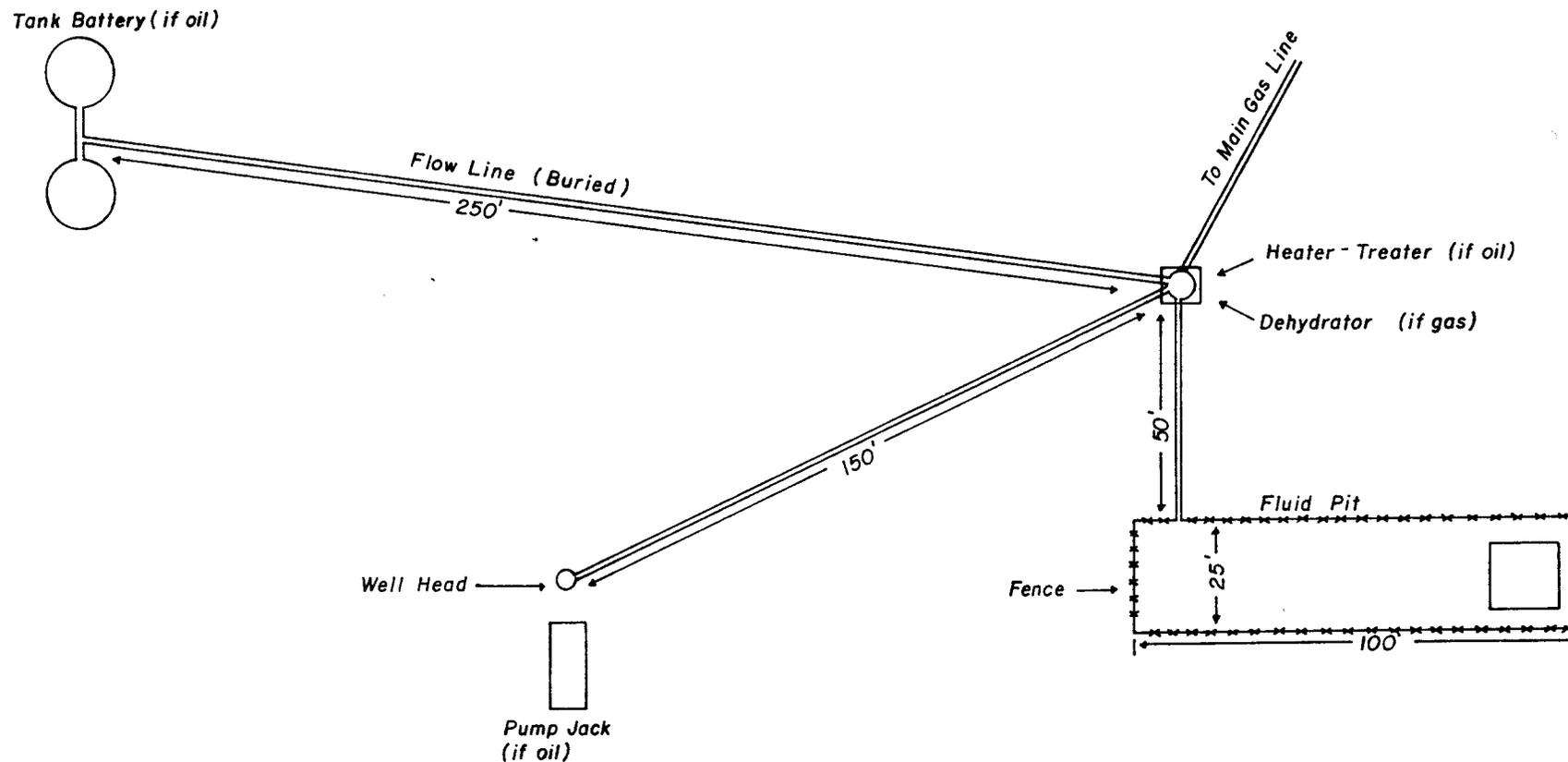
SCHEMATIC DIAGRAM OF
CONTROL EQUIPMENT FOR THE
CISCO DRILLING & DEVELOPMENT CO.

CISCO WELL # 11
SE 1/4 NE 1/4 Sec. 28, T.20S., R.23E.
SALT LAKE MERIDIAN

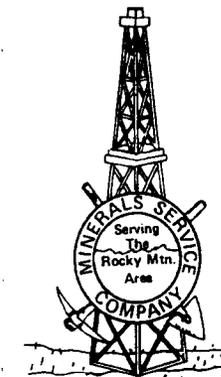


MINERALS Service Co.
P.O. Box 3523
GRAND JUNCTION, COLORADO
81501

PLAN FOR PRODUCTION EQUIPMENT
 CISCO DRILLING & DEVELOPMENT CO.
 CISCO WELL # 11
 SE 1/4 NE 1/4 Sec. 28, T.20S., R.23E.
 SALT LAKE MERIDIAN



DIVISION OF
 COMMERCE

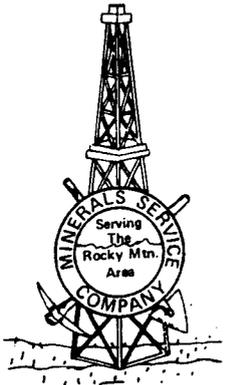
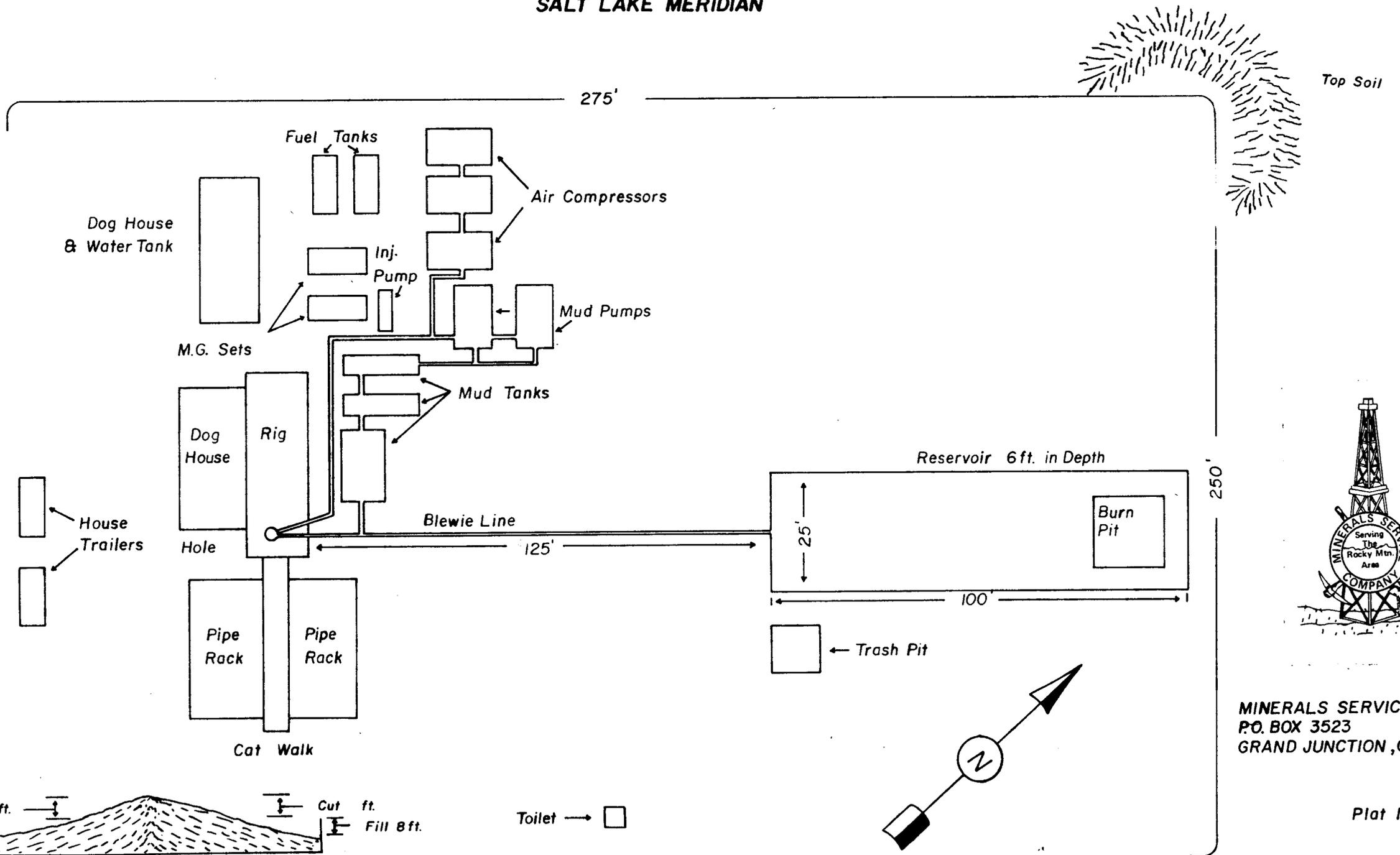


MINERALS SERVICE CO.
 P.O. BOX 3523
 GRAND JUNCTION, COLORADO
 81501



Plat No.2

LOCATION PLAN FOR
 CISCO DRILLING & DEVELOPMENT CO.
 CISCO WELL # 11
 SE 1/4 NE 1/4 Sec. 28, T.20S., R.23E.
 SALT LAKE MERIDIAN



MINERALS SERVICE CO.
 P.O. BOX 3523
 GRAND JUNCTION, COLORADO
 81501

Plat No.2

** FILE NOTATIONS **

DATE: January 10, 1980

Operator: Cisco Drilling + Development

Well No: Cisco Federal #11

Location: Sec. 28 T. 20S R. 23E County: Grand

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number 43-019-30595

CHECKED BY:

Geological Engineer: M. J. Menden 1-18-80

Petroleum Engineer: _____

Director: _____

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. 102-16B 11/15/79

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

Wm

W
PI

January 22, 1980

Cisco Drilling and Development Co.

419 Whalley Avenue
New Haven, Connecticut 06511

Re: Cisco Federal #9, Sec. 84, T. 20S, R. 23E., Grand County, Utah
Cisco Federal #10, Sec. 26, T. 20S, R. 23E., Grand County, Utah
Cisco Federal #11, Sec. 28, T. 20S, R. 23E., Grand County, Utah
Cisco Federal #12, Sec. 26, T. 20S, R. 23E., Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas wells is hereby granted in accordance with the Order issued in Case No. 102-16B, dated November 15, 1979.

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

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

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 numbers assigned to these wells are #9, 43-019-30593,
#10 - 43-019-30594, #11 - 43-019-30595; #12 - 43-019-30596.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Geological Engineer

/b:tm

cc: USGS



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

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

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EDWARD T. BECK
E. STEELE McINTYRE

October 10, 1980

Cisco Drilling & Development Co.
419 Whalley Avenue
New Haven, Connecticut 06511

RE: Well No. Cisco Federal #12, Sec. 26, T. 20S, R. 23E, Grand County.,
RE: Well No. Cisco Federal #11, Sec. 28, T. 20S, R. 23E, Grand County.,
RE: Well No. Cisco Federal #9, Sec. 34, T. 20S, R. 23E, Grand County.,

Gentlemen:

In reference to above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan on drilling these locations at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Barbara Hill

BARBARA HILL
CLERK TYPIST

/bjh

SCOTT M. MATHESON
Governor



OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

CHARLES R. HENDERSON
Chairman

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
MAXILIAN A. FARBMAN
EDWARD T. BECK
E. STEELE McINTYRE

1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

CLEON B. FEIGHT
Director

April 14, 1981

Cisco Drilling and Development
419 Whalley Avenue
New Haven, Connecticut 06511

Re: Well No. Cisco Federal #11
Sec. 28, T. 20S. R. 23E.
Grand County, Utah
(2nd Request)

Re: Well No. Cisco Federal #12
Sec. 26, T. 20S. R. 23E.
Grand County, Utah
(2nd Request)

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not recieved any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. (If we do not hear from your company within fifiteen (15) days. we will assume you do not intend to drill these wells and action will be taken to terminate the application. If you plan on drilling these wells at a later date, please notify as such.

Your prompt attention to the above will be greatlt appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Sandy Bates
SANDY BATES
CLERK-TYPIST

December 22, 1981

Cisco Drilling And Development
419 Whalley Avenue
New Haven, Connecticut 06511

Re: Well No. Cisco Federal #11
Sec. 28, T. 20S, R. 23E
Grand County, Utah

Well No. Cisco Federal #12
Sec. 26, T. 20S, R. 23E
Grand County, Utah

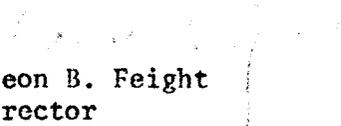
Gentlemen:

Approval to drill the above mentioned well, which was granted in our letter of April 14, 1981, is hereby terminated for failure to spud it within a reasonable period of time.

If and when you should decide to drill this well, it will be necessary for you to again obtain the approval of this Division.

Very truly yours,

DIVISION OF OIL, GAS AND MINING


Cleon B. Feight
Director