

UTAH OIL AND GAS CONSERVATION COMMISSION

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

Well name change effective 12-9-80

DATE FILED 11-10-80

LAND: FEE & PATENTED _____ STATE LEASE NO _____ PUBLIC LEASE NO U-31747 INDIAN _____

DRILLING APPROVED: (11-10-80 OW) 11-19-80

SPOUDED IN _____

COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY A.P.I. _____

GOR _____

PRODUCING ZONES _____

TOTAL DEPTH: _____

WELL ELEVATION: _____

DATE ABANDONED 2-22-84 LA well never drilled

FIELD: Greater Cisco Area 3/86

UNIT: _____

COUNTY: Grand

WELL NO. CISCO FEDERAL # ~~252~~ API NO. 43-019-30680

LOCATION 1980' FT. FROM IN EX LINE. 3300' FT. FROM XX (W) LINE. SW 1/4 NE 1/4 1/4 - 1/4 SEC. 7 SLM

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
20S	22E	7	CISCO DRILLING & DEVELOP,				

TEMCO, Ltd.

Landmen
Drilling
Claim Staking
Oil Field Service
Energy Properties

840 Rood Ave. (303) 245-3505
Grand Junction, Colo. 81501

August 6, 1980

Mr. Cleon B. Feight
Director
Utah Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah

Re: Cisco Springs #15

Dear Mr. Feight:

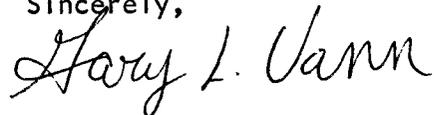
Enclosed are duplicate copies of the Application for Permit to Drill, Cisco Springs Well #15, Grand County, Utah. The operator is Cisco Drilling and Development, Inc.

On August 5, 1980, I met with the U.S.G.S. and B.L.M. for an onsite inspection of this well. Glenn Doyle of the U.S.G.S. made some revision in the location of the well and crilliste layout. The location of the well was moved 150' east of its original location, the drillsite was rotated 180° putting the blewie pit on the east side, with the access road approaching from the south-east.

It was recommended by the B.L.M. to make some revisions in our surface use plan. We will be using a chemical toilet instead of a pit. Instead of a trash pit, a container will be used. Also, our restoration by seeding, will be done by drill instead of by broadcasting.

Please review this application and notify me if you find any irregularities in it.

Sincerely,



Gary L. Vann
Field Representative

GLV/lrs



**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 27 T20S, R23E SLM
 At proposed prod. zone

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
 1240 ft.

16. NO. OF ACRES IN LEASE
 1120.00

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

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 2,300 ft.

19. PROPOSED DEPTH
 2,300 ft.

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, BT, GR, etc.)
 G.R. 4860.0

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

5. LEASE DESIGNATION AND SERIAL NO.
 U-17245-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 N/A

7. UNIT AGREEMENT NAME
 N/A

8. FARM OR LEASE NAME
 Federal

9. WELL NO.
 Cisco Well #15

10. FIELD AND POOL, OR WILDCAT
 Cisco Springs

11. SEC., T., R., M., OR SLM, AND SURVEY OR AREA
 T20S, R23E, SLM Sec. 27

12. COUNTY OR PARISH
 Grand

13. STATE
 Utah

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 200.0 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 oil 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 pressures & temperatures. 2-inch Fill and Kill lines will be connected below the blind rams. Any oil 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 Harry L. Gann TITLE Field Representative DATE 6/3/80

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Operation Plan for
Cisco Drilling & Development Inc.
Cisco Well #15

LOCATION: SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 27, Township 20 South, Range 23 East, S.L.M.
Grand County, Utah

ELEVATION: 4,860 ft. (GR)

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.	4,850 ft.
Dakota Sandstone	1,585 ft.	80 ft.	3,075 ft.
Cedar Mountain	1,665 ft.	100 ft.	2,995 ft.
Morrison			
Brushy Basin Shale Member	1,765 ft.	225 ft.	2,895 ft.
Salt Wash Sandstone Member	1,990 ft.	250 ft.	2,670 ft.
Summerville/Curtis	2,240 ft.	75 ft.	2,420 ft.
Entrada Sandstone	2,315 ft.	--	2,345 ft.
Total Depth to top of Entrada:	2,270 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 oil should be reached is approximately 50 ft. below the top of the Entrada Formation. There is a slight probability of a commercial flow of oil 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 July 1, 1980.

Gary L. Vann
Field Representative
EMCO Inc.
840 Rood Avenue
Grand Junction, CO 81502
(303) 245-3505

Surface Use Plan

Cisco Drilling & Development Inc.

Cisco Well #15

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 an existing gravel road (Cisco Mesa Road) that runs in a northwesterly direction approximately 4 1/2 miles, then southwesterly approximately 2.5 miles on an existing road. The new access road to the well has been center-line flagged and generally follows a natural contour; it will not need any culverts or low water crossings.
 - 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. 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 ROAD
 - 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 5% grade.
 - 3) No turnouts will be necessary on the access road.
 - 4) There will be no ditches or water turnouts necessary for Cisco Well #15 because the main access roads are already in this area.
 - 5) No culverts or major cuts or fills will be necessary on the access road.
 - 6) We anticipate not using any surfacing material for the access roads.
 - 7) No gates, cattleguards, or fence cuts will be necessary.
 - 8) All new roads or reconstructed roads have been center-line flagged; no culverts or low water crossings should be necessary for this location. The new road is 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.
 - 1) Tank Batteries - None
 - 2) Production Facilities - None
 - 3) Oil Gathering lines - See Exhibit "B"
 - 4) Gas Gathering Lines - See Exhibit "B"
 - 5) Injection Lines - None
 - 6) Disposal Lines - None
- 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 200' x 300'. 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 to normal topography.

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, gravel, sand or culverts will be required. There will be no low water crossings on the approach road to Cisco Well #15. All existing, new and reconstructed, roads are outlined on the enclosed map. Upon production, only existing materials on the site will be used for permanent road. 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 strips 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 east side of the Cisco Mesa on an area 200' X 300' and slopes from the north to the south. The top soil (approx. 1 ft.) will be stockpiled in the southwest corner of this drill site. A cross section of this area is provided in the lower left hand side of Plat No. 3. The maximum cut will be 4' - 5' along the north side and through the center line with the dirt being moved to the south sides. The surface in this area is a sandy shale with very little vegetation. The reservoir pit will be placed on the north 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 the 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 reseeded 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.

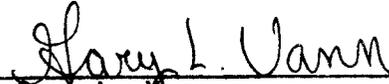
12. Field Representative who can be contacted concerning compliance of this Surface Use Plan is:

Gary L. Vann
840 Rood Avenue
Grand Junction, CO 81502
(303) 245-3505

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 preformed 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.

6/3/80



Gary L. Vann
Field Representative

RESEEDING PROGRAM FOR
CISCO SPRINGS WELL #15

<u>SPECIES</u>		<u>LB/ACRE</u>
<u>Grass</u>		
<u>Hilaria James 11</u>	Galleta Grass	1
<u>Oryzopsis Hymenoides</u>	Indian Rice Grass	1
<u>Forbs</u>		
<u>Sphaeralcea Coccinea</u>	Globmallow Scarlet	1
<u>Shrubs</u>		
<u>Artemisia Spinescens</u>	Budsage	1
<u>Ceratoides Lanata</u>	Winter Fat	1
		<u>6</u>

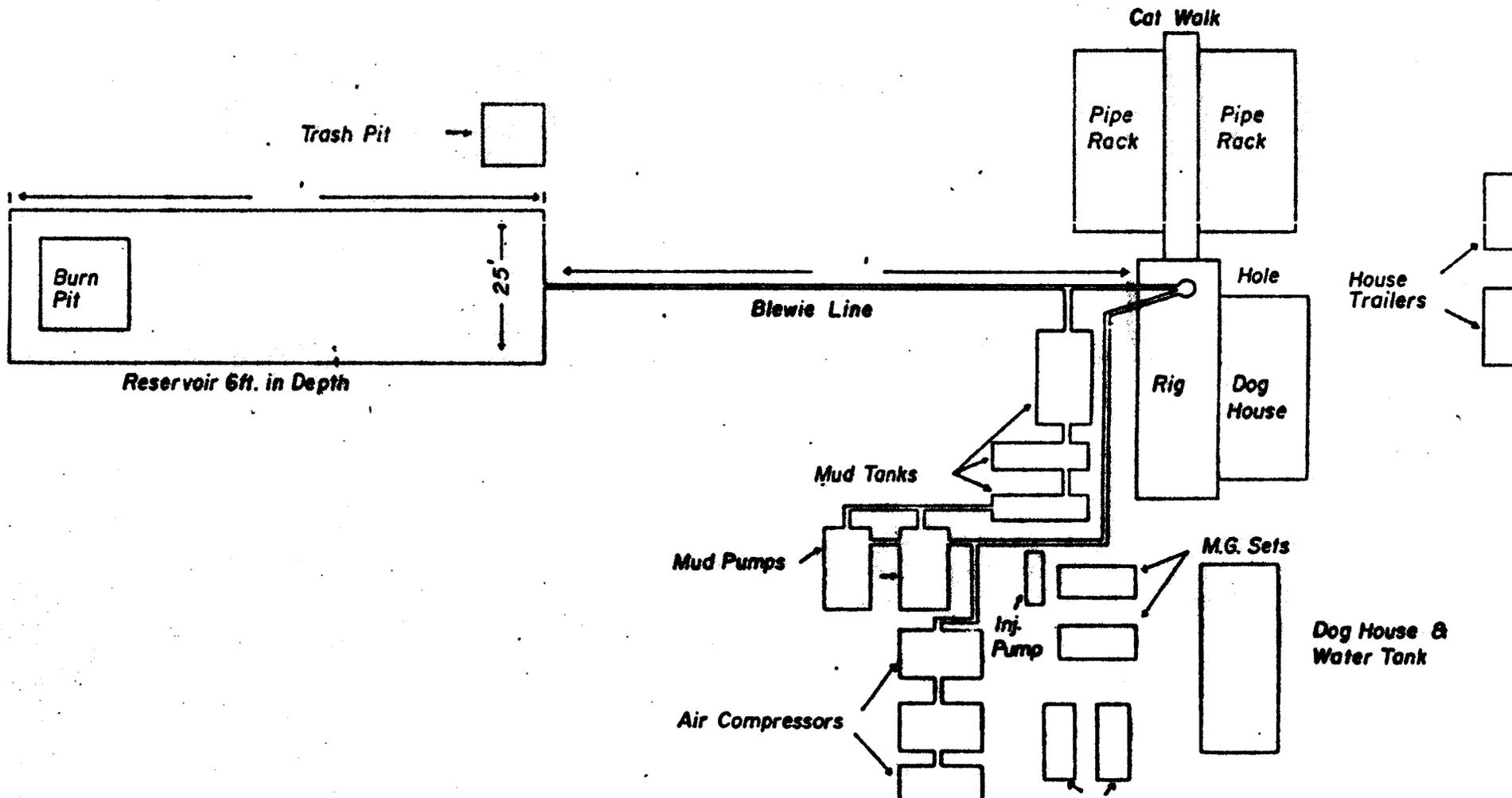
CISCO DRILLING & DEVELOPMENT COMPANY

CISCO WELL #15

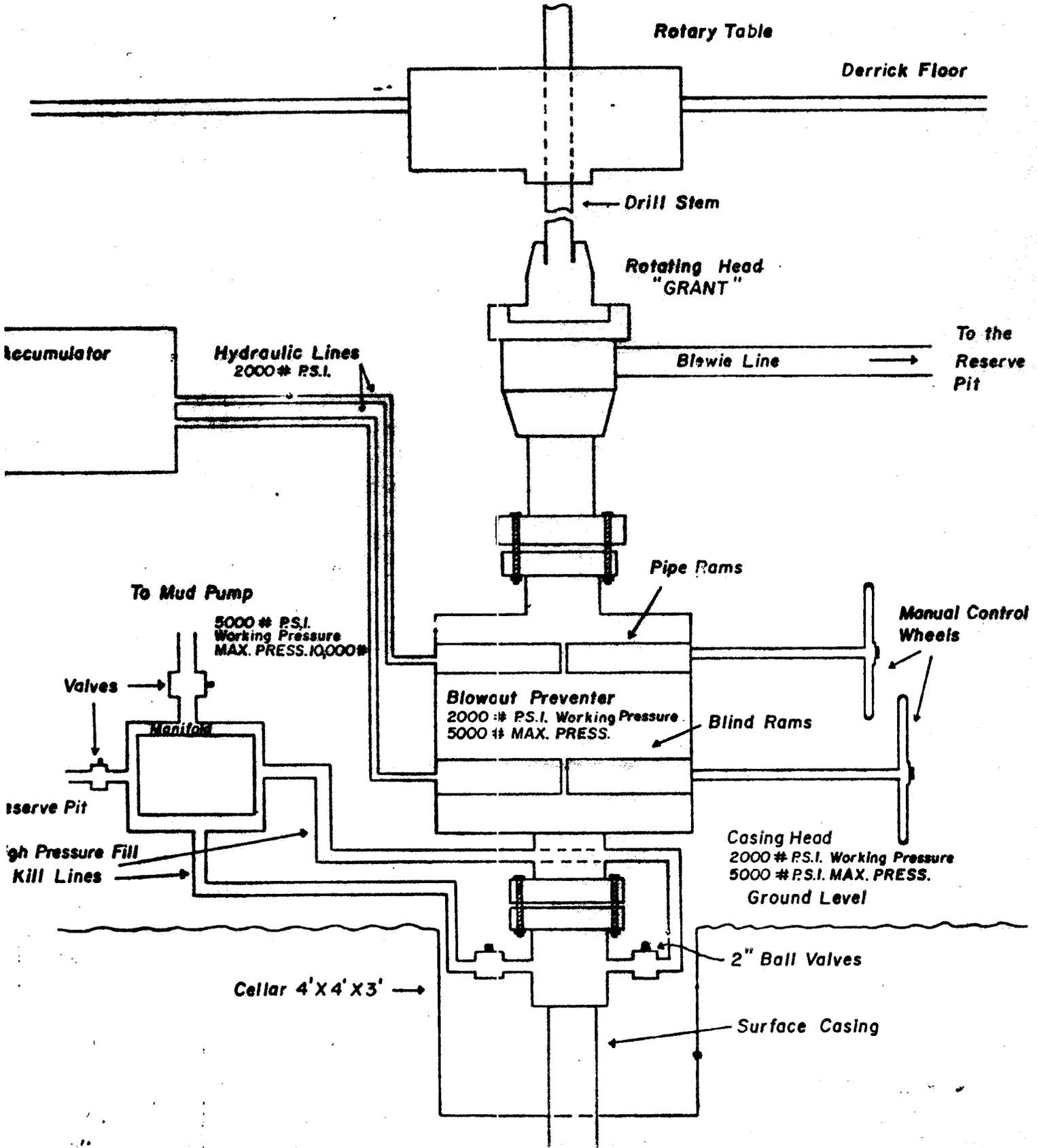
SECTION 27, T.20S, R.23E.

SALT LAKE MERIDIAN

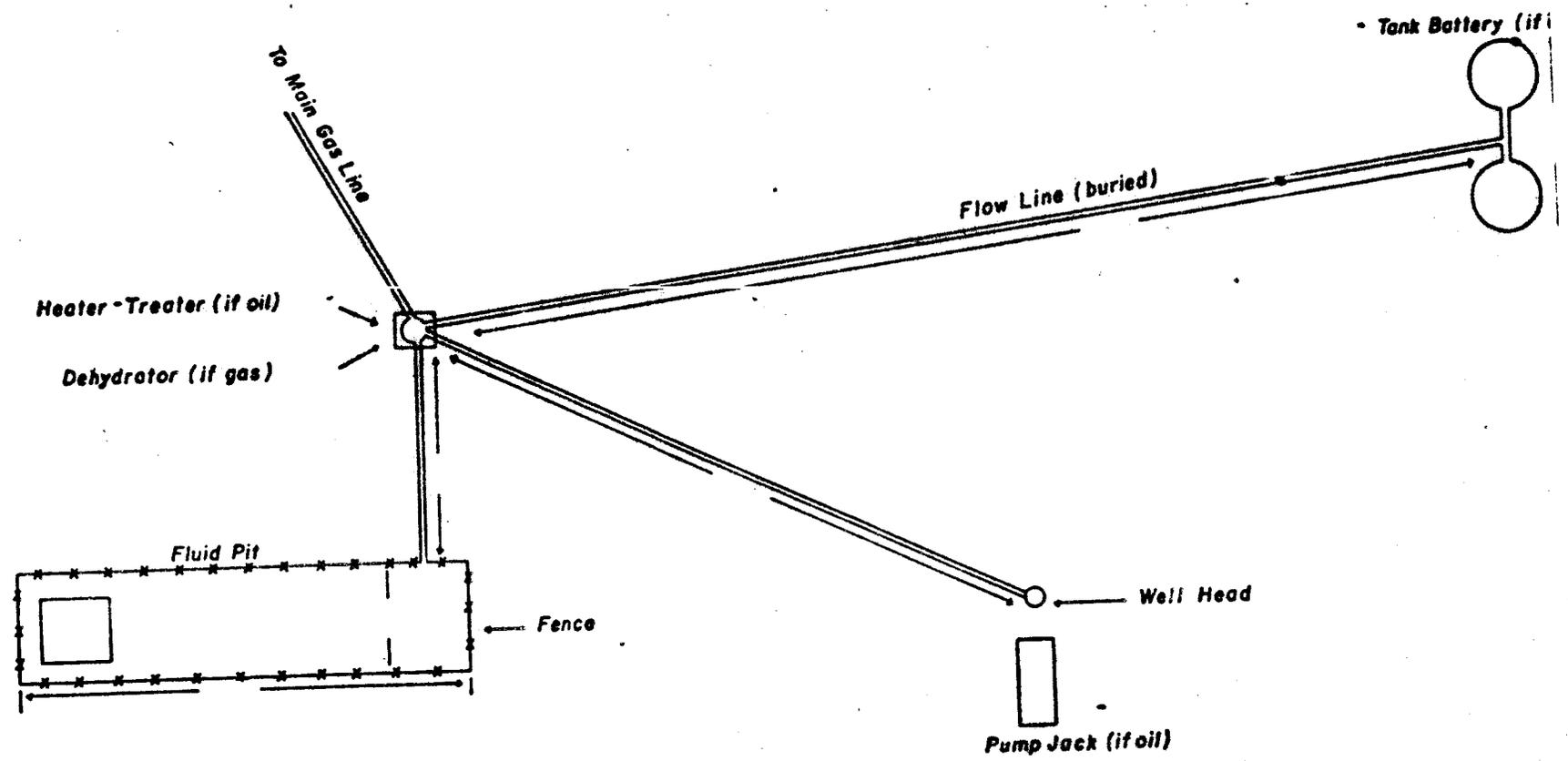
□ ← Toilet

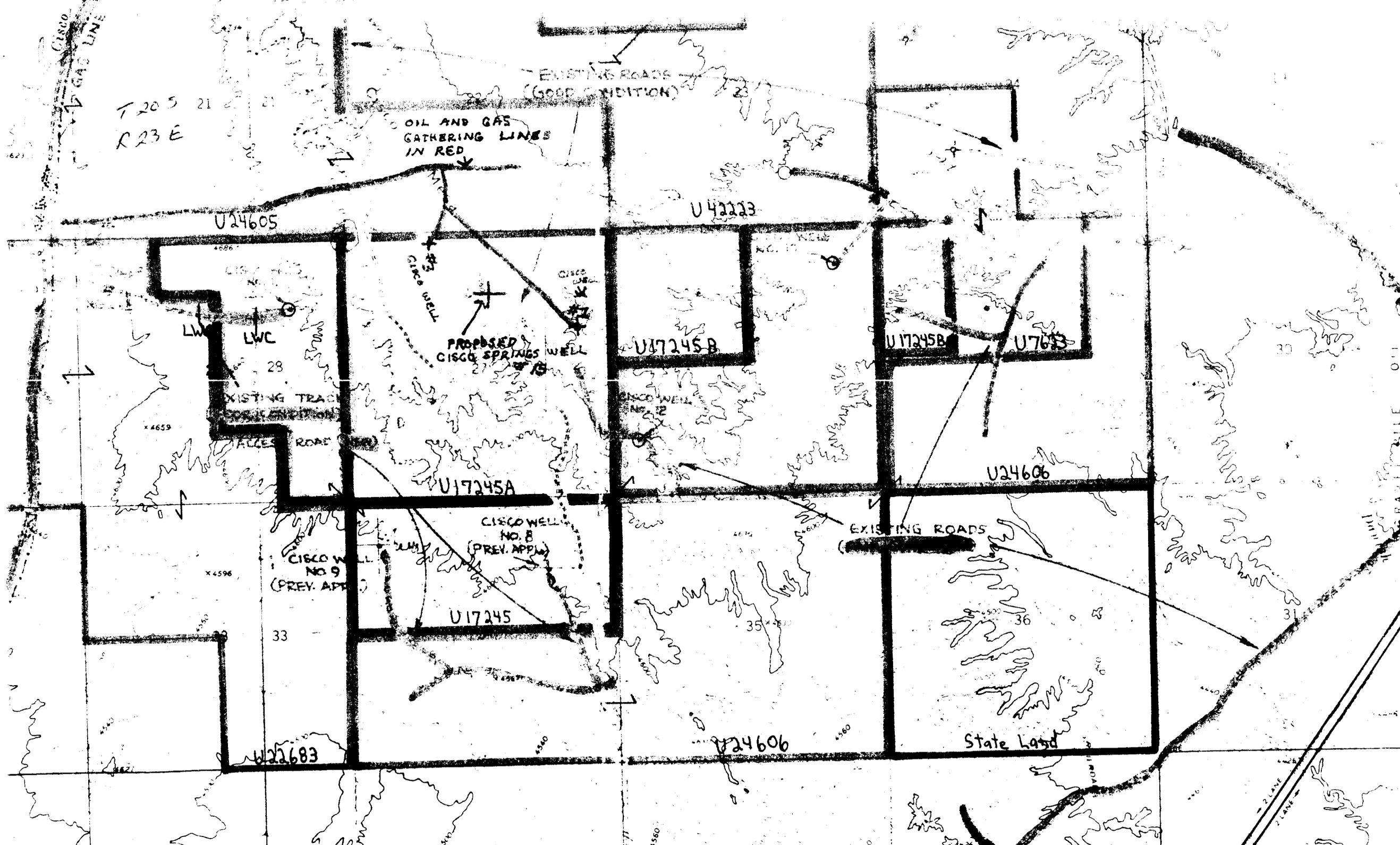


**SCHEMATIC DIAGRAM OF
 CONTROL EQUIPMENT FOR THE
 CISCO DRILLING & DEVELOPMENT CO.
 CISCO WELL #15
 SECTION 27, T.20S, R.23E.
 SALT LAKE MERIDIAN**



PLAN FOR PRODUCTION EQUIPMENT
CISCO DRILLING & DEVELOPMENT CO.
CISCO WELL #15
SECTION 27 T.20S.,R.23E.
SALT LAKE MERIDIAN





T 20 S 21
R 23 E

EXISTING ROADS
(GOOD CONDITION)

OIL AND GAS
GATHERING LINES
IN RED

U24605

U42223

LW

LWC

28

EXISTING TRAILS

X4659

X4659

CISCO W
NO 9
(PREV. APP)

33

U222683

U17245A

U17245

CISCO WELL
NO. 8
(PREV. APP)

U17245B

CISCO WELL
NO. 12

U17245B

U7643

U24606

EXISTING ROADS

35

36

U24606

State Land

GRAVITABLE OIL

2 LANE
2 LANE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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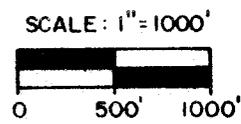
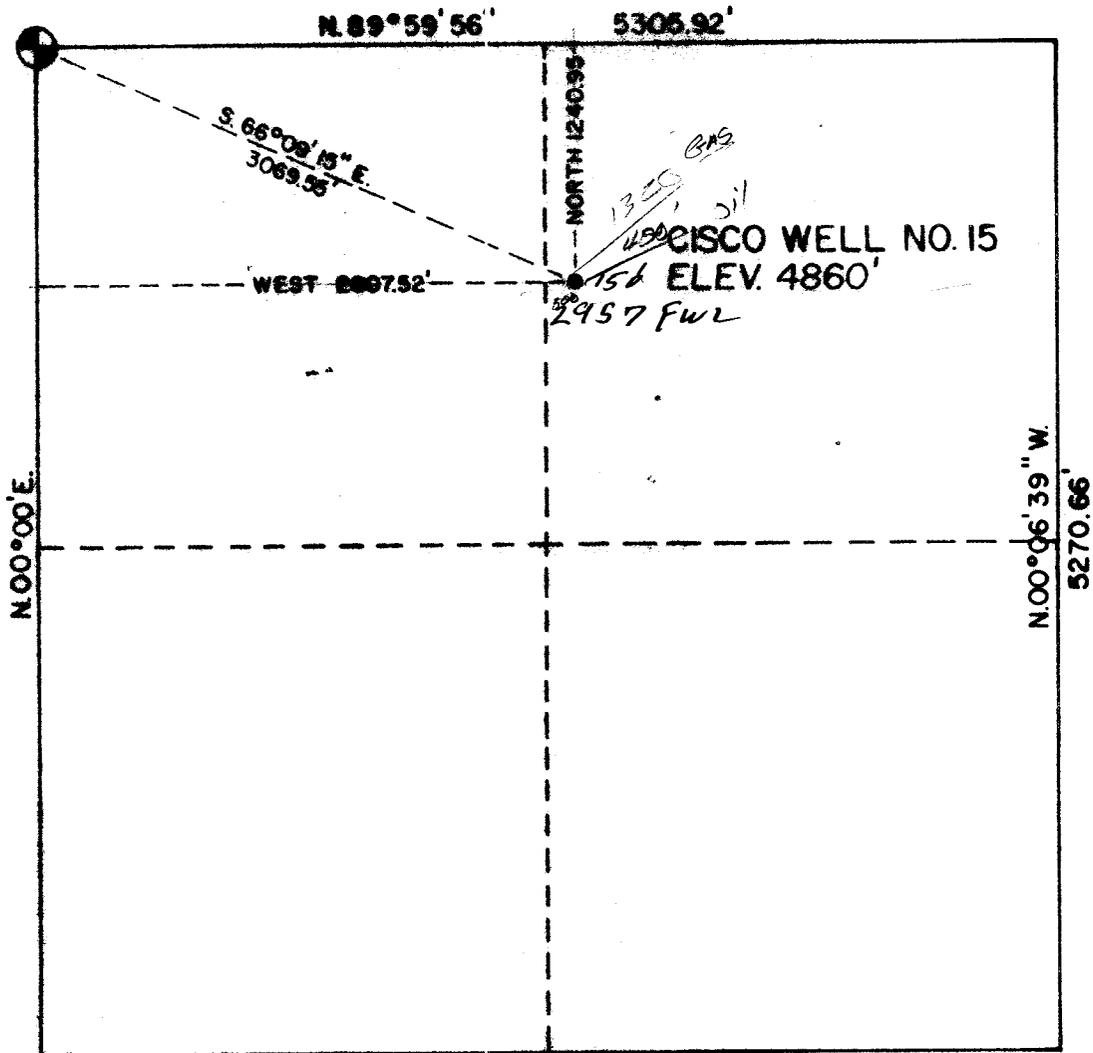
24. SIGNED Harry L. Jann TITLE Field Representative DATE 6/3/80

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

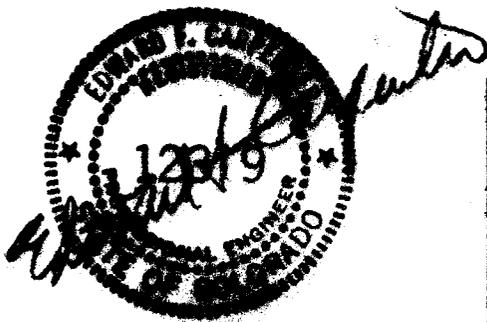
CONDITIONS OF APPROVAL, IF ANY:



CERTIFICATE OF SURVEY

I, ED CARPENTER, BEING A REGISTERED LAND SURVEYOR DO HEREBY CERTIFY THAT THE SURVEY OF DRILL SITE LOCATION CISCO WELL #15, IN THE NE. 1/4 OF SECTION 27, T. 20S., R. 23E., SALT LAKE MERIDIAN, GRAND COUNTY, UTAH AND THE PLAT THEREOF WAS MADE UNDER MY SUPERVISION.

Edwin H. Carpenter P.E. - L.S.



PLAT OF THE CISCO WELL NO. 15 GRAND COUNTY, UTAH EMCO INC.			
ORDERED BY: EMCO	SCALE: 1" = 1000'	DRAWN BY: N.P.B.	JOB NUMBER
APPROVED BY: EMCO	DATE: 6/4/00	CHECKED BY: E.C.	

**UNITED STATES
DEPARTMENT OF THE INTERIOR
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10. FIELD AND POOL, OR WILDCAT
 Cisco Springs Area

11. SEC., T., R., W., OR SLM. AND SURVEY OR AREA
 T20S, R23E, SLM Sec. 27

12. COUNTY OR PARISH
 Grand

13. STATE
 Utah

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 200.0 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 oil 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 pressures & temperatures. 2-inch Fill and Kill lines will be connected below the blind rams. Any oil 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.

**APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING**

DATE:

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.

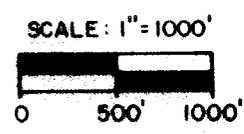
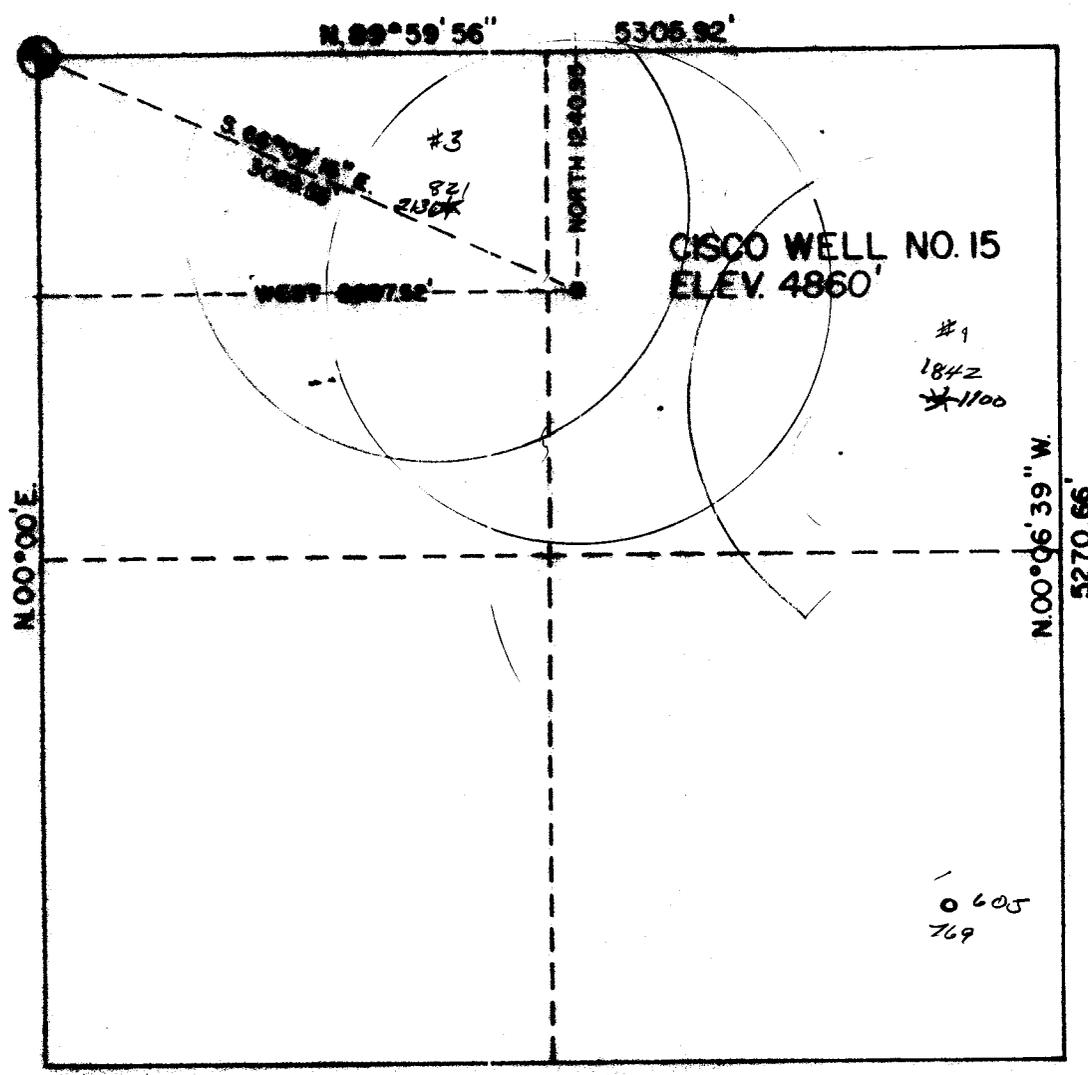
24. SIGNED Harry L. Jann TITLE Field Representative DATE 6/3/80

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

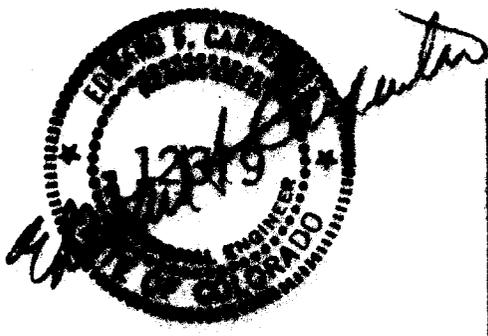
CONDITIONS OF APPROVAL, IF ANY:



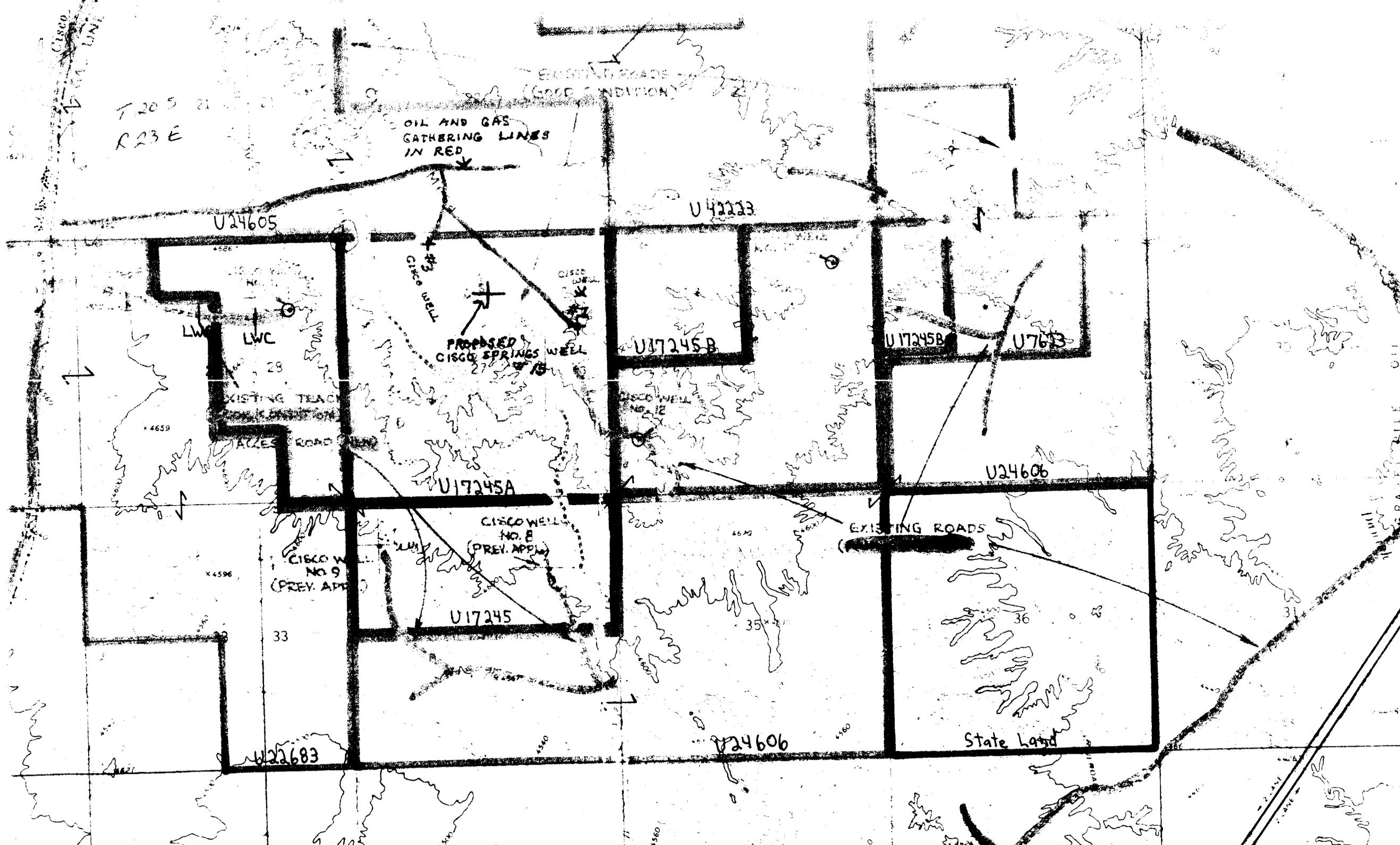
CERTIFICATE OF SURVEY

I, ED CARPENTER, BEING A REGISTERED LAND SURVEYOR DO HEREBY CERTIFY THAT THE SURVEY OF DRILL SITE LOCATION CISCO WELL #15, IN THE NE 1/4 OF SECTION 27, T.20S., R.23E., SALT LAKE MERIDIAN, GRAND COUNTY, UTAH AND THE PLAT THEREOF WAS MADE UNDER MY SUPERVISION.

Edward H. Carpenter P.E. - L.S.



PLAT OF THE CISCO WELL NO. 15 GRAND COUNTY, UTAH EMCO INC.			
DRAWN BY: EMCO	SCALE: 1" = 1000'	DRAWN BY: N.P.B.	JOB NUMBER
SURVEYED BY: EMCO	DATE: 6/4/80	CHECKED BY: E.C.	



T 20 S
R 23 E

OIL AND GAS
GATHERING LINES
IN RED

EXISTING ROADS
(GOOD CONDITION)

U24605

U42233

LWC
LWC

PROPOSED
CISCO SPRINGS WELL

U17245B

U17245B

U17613

EXISTING TRAC

U17245A

U24606

EXISTING ROAD

CISCO WELL
NO. 8
(PREV. APP.)

EXISTING ROADS

CISCO W.
NO. 9
(PREV. APP.)

U17245

State Land

U22683

U24606

33

35

36

31



GRAFFIABLE OIL

2 LANE
1 LANE

Operation Plan for
Cisco Drilling & Development Inc.
Cisco well #15

LOCATION: SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 27, Township 20 South, Range 23 East, S.L.M.
Grand County, Utah

ELEVATION: 4,860 ft. (GR)

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.	4,850 ft.
Dakota Sandstone	1,585 ft.	80 ft.	3,075 ft.
Cedar Mountain	1,665 ft.	100 ft.	2,995 ft.
Morrison			
Brushy Basin Shale Member	1,765 ft.	225 ft.	2,895 ft.
Salt Wash Sandstone Member	1,990 ft.	250 ft.	2,670 ft.
Summerville/Curtis	2,240 ft.	75 ft.	2,420 ft.
Entrada Sandstone	2,315 ft.	--	2,345 ft.
Total Depth to top of Entrada:	2,270 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 oil should be reached is approximately 50 ft. below the top of the Entrada Formation. There is a slight probability of a commercial flow of oil 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% CaCl₂ 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 visccosity 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 July 1, 1980.

Gary L. Vann
Field Representative
EMCO Inc.
840 Rood Avenue
Grand Junction, CO 81502
(303) 245-3505

Surface Use Plan

Cisco Drilling & Development Inc.

Cisco Well #15

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 an existing gravel road (Cisco Mesa Road) that runs in a northwesterly direction approximately 4 1/2 miles, then southwesterly approximately 2.5 miles on an existing road. The new access road to the well has been center-line flagged and generally follows a natural contour; it will not need any culverts or low water crossings.
 - 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. 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 ROAD
 - 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 5% grade.
 - 3) No turnouts will be necessary on the access road.
 - 4) There will be no ditches or water turnouts necessary for Cisco Well #15 because the main access roads are already in this area.
 - 5) No culverts or major cuts or fills will be necessary on the access road.
 - 6) We anticipate not using any surfacing material for the access roads.
 - 7) No gates, cattleguards, or fence cuts will be necessary.
 - 8) All new roads or reconstructed roads have been center-line flagged; no culverts or low water crossings should be necessary for this location. The new road is 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.
- 1) Tank Batteries - None
 - 2) Production Facilities - None
 - 3) Oil Gathering lines - See Exhibit "B"
 - 4) Gas Gathering Lines - See Exhibit "B"
 - 5) Injection Lines - None
 - 6) Disposal Lines - None

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 200' x 300'. 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 to normal topography.

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, gravel, sand or culverts will be required. There will be no low water crossings on the approach road to Cisco Well #15. All existing, new and reconstructed, roads are outlined on the enclosed map. Upon production, only existing materials on the site will be used for permanent road. 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 strips 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 east side of the Cisco Mesa on an area 200' X 300' and slopes from the north to the south. The top soil (approx. 1 ft.) will be stockpiled in the southwest corner of this drill site. A cross section of this area is provided in the lower left hand side of Plat No. 3. The maximum cut will be 4' - 5' along the north side and through the center line with the dirt being moved to the south sides. The surface in this area is a sandy shale with very little vegetation. The reservoir pit will be placed on the north 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 the 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 reseeded 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.

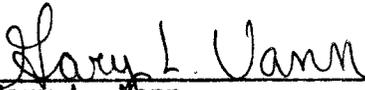
12. Field Representative who can be contacted concerning compliance of this Surface Use Plan is:

Gary L. Vann
840 Rood Avenue
Grand Junction, CO 81502
(303) 245-3505

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 preformed 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.

6/3/80



Gary L. Vann
Field Representative

RESEEDING PROGRAM FOR
CISCO SPRINGS WELL #15

<u>SPECIES</u>		<u>LB/ACRE</u>
<u>Grass</u>		
<u>Hilaria James 11</u>	Galleta Grass	1
<u>Oryzopsis Hymenoides</u>	Indian Rice Grass	1
<u>Forbs</u>		
<u>Sphaeralcea Coccinea</u>	Globmallow Scarlet	1
<u>Shrubs</u>		
<u>Artemisia Spinescens</u>	Budsage	1
<u>Ceratoides Lanata</u>	Winter Fat	1
		<u>6</u>

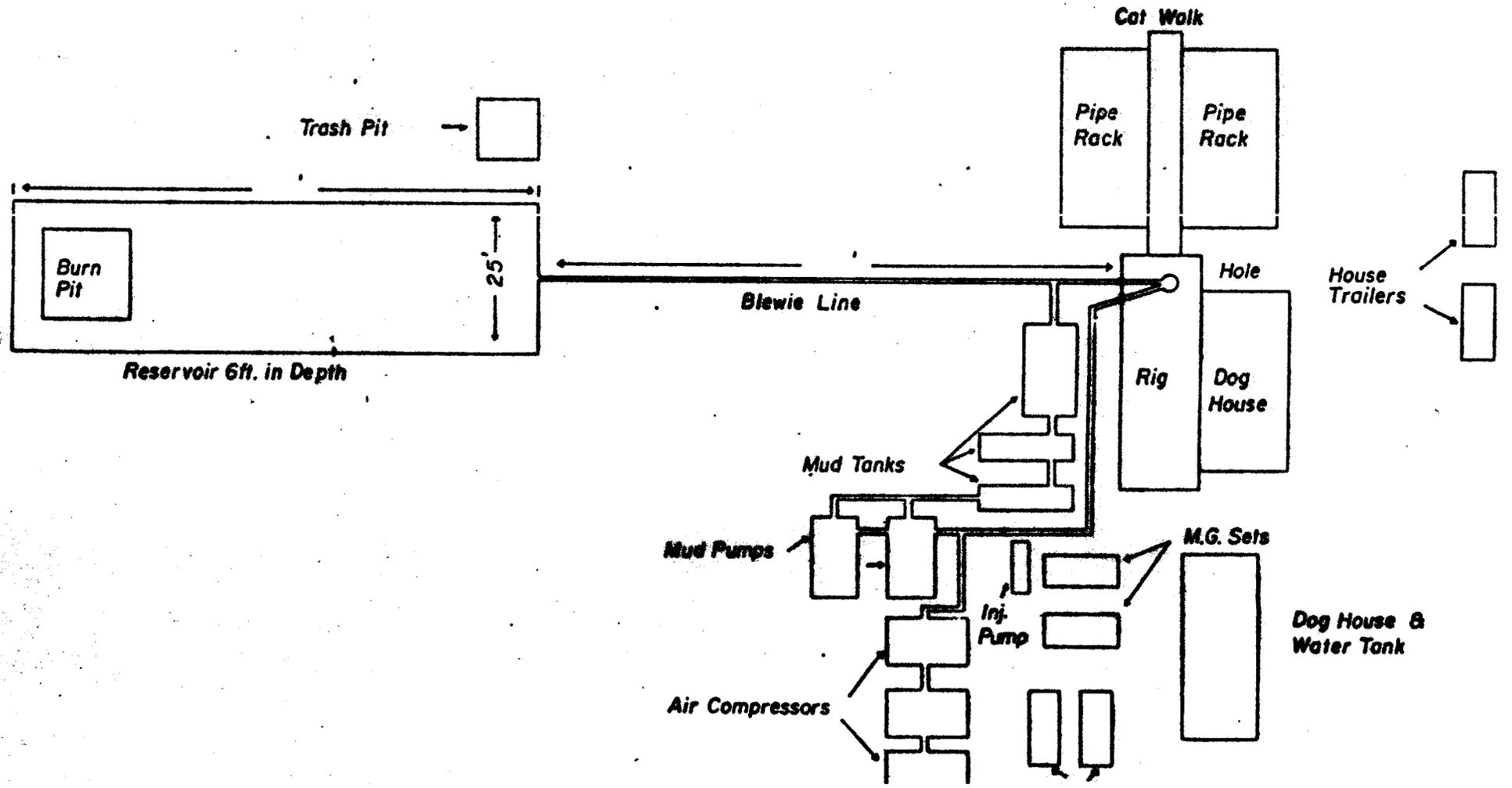
CISCO DRILLING & DEVELOPMENT COMPANY

CISCO WELL #15

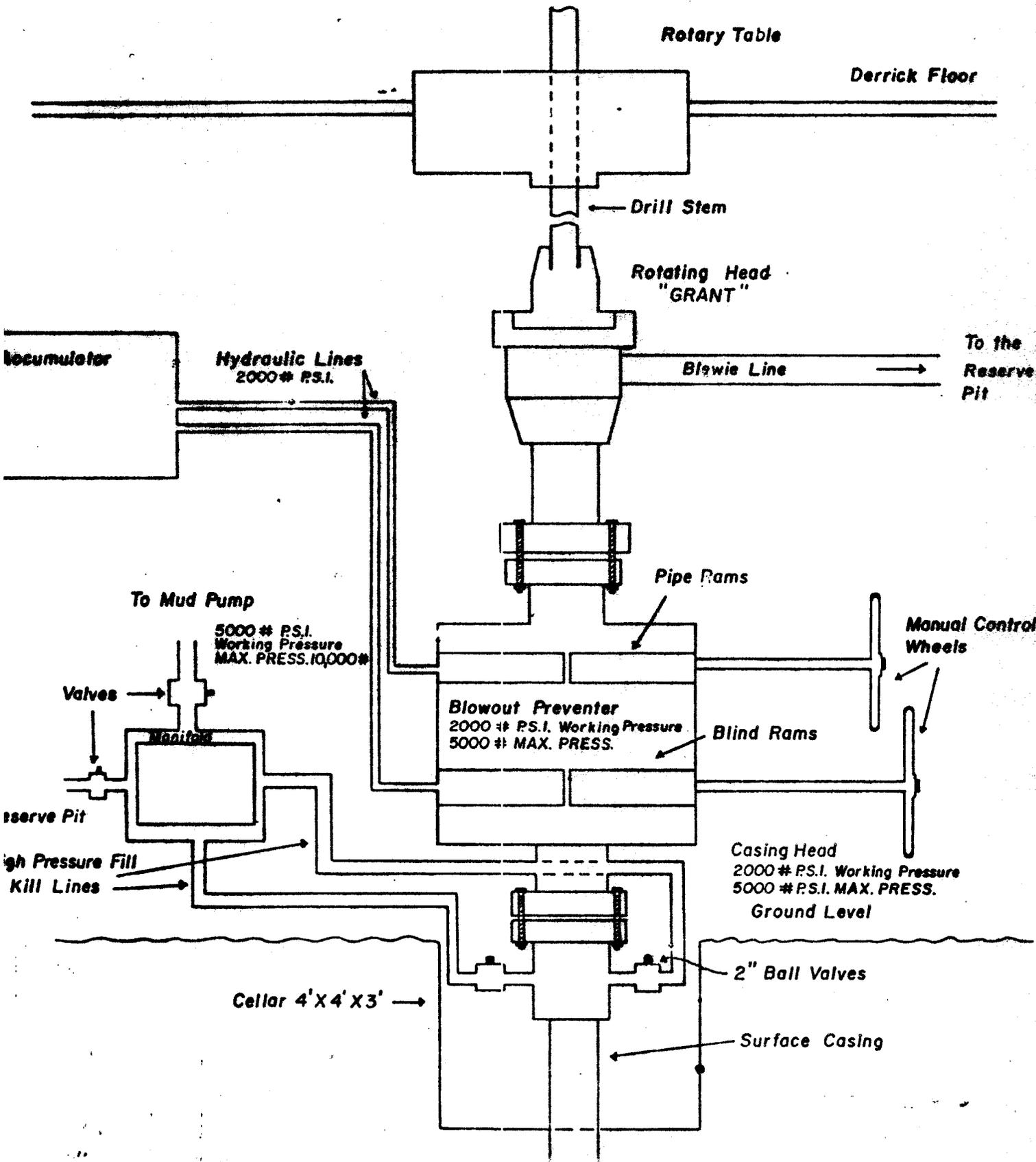
SECTION 27 T.20S, R.23E.

SALT LAKE MERIDIAN

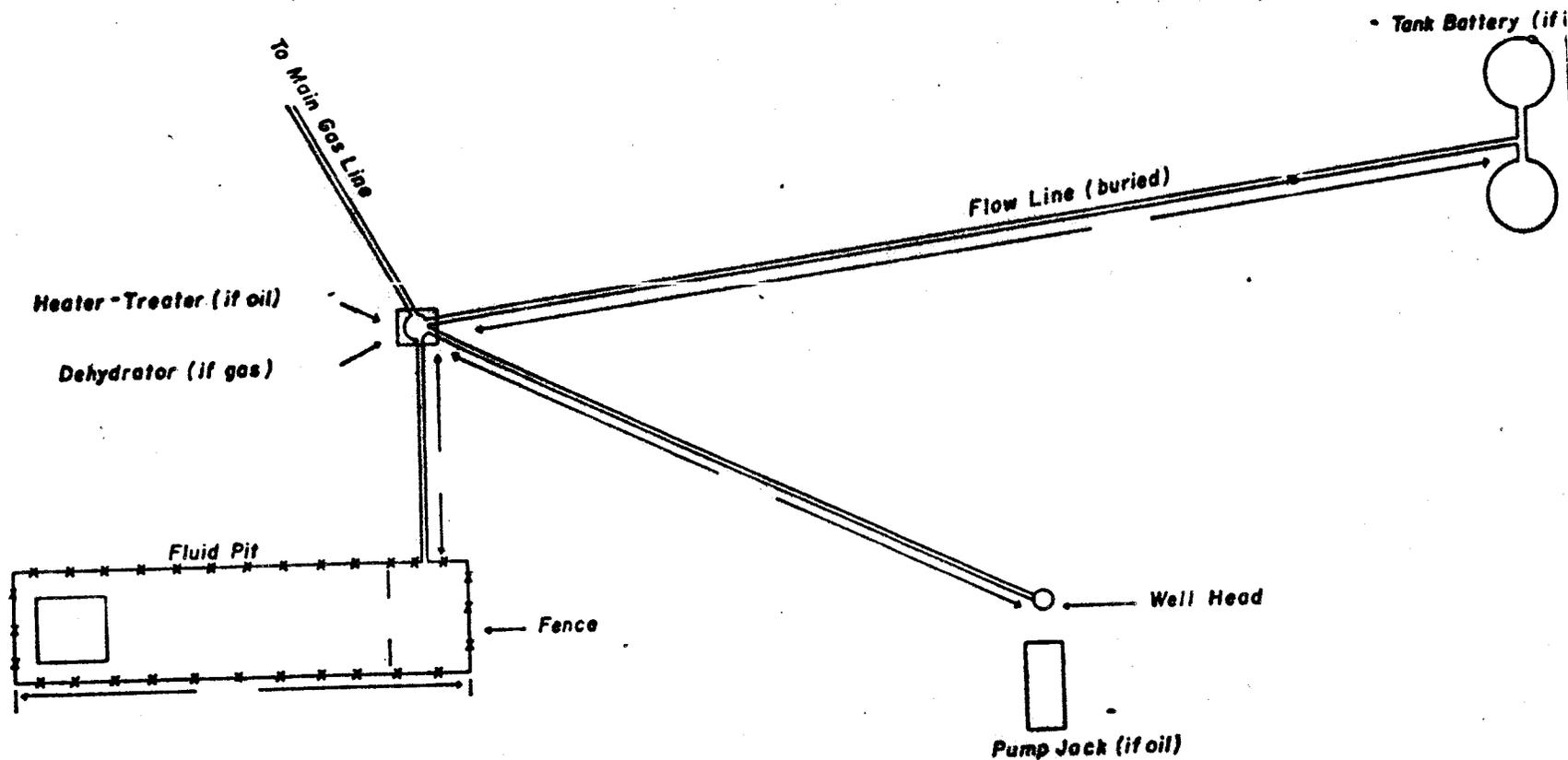
☐ ← Toilet



SCHEMATIC DIAGRAM OF
CONTROL EQUIPMENT FOR THE
CISCO DRILLING & DEVELOPMENT CO.
CISCO WELL #15
SECTION 27, T.20S, R.23E.
SALT LAKE MERIDIAN



PLAN FOR PRODUCTION EQUIPMENT
CISCO DRILLING & DEVELOPMENT CO.
CISCO WELL #15
SECTION 27 T.20S, R.23E.
SALT LAKE MERIDIAN



~~KEEP FILE WITH RECORDS -~~
~~API # ALREADY ASSIGNED~~
** FILE NOTATIONS **

DATE: Aug 14, 1980

OPERATOR: Cisco Drilling & Development, Inc.

WELL NO: 27-11-45

Location: Sec 27 T. 20S R. 23E County: Grand

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number 43-019-306

80 > Must keep this
API No. - Recorded
in API #'s book -
& given to HL&PI

CHECKED BY:

Petroleum Engineer: Well is to close to S16W - Cisco #3 (925') called J Jackson (2-12-80)
holding for evaluation as of 9/8/80

Director: approve in accordance with order
10-2-1980 - provided an amended survey plat
submitted to this District

Administrative Aide: _____

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. 102-1653 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 Good

Plotted on Map

Approval Letter Written

Hot Line

P.I.

October 30, 1980

Cisco Drilling & Development, Inc.
P. O. Box 6059
Hamden, Connecticut 06517

Re: Well No. Cisco Springs #15
Sec. 27, T. 20S, R. 23E
Grand County, Utah

Insofar as this office is concerned, your application for permit to drill the above referred to well is being denied for the following reason. Your proposed location is too close in proximity to a shut in gas well "Cisco #3, and does not comply with the Order issued in Cause No. 102-16B, dated November 15, 1979.

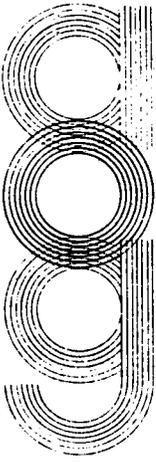
If you have any questions, please do not hesitate to call this office.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Michael T. Minder
Michael T. Minder
Petroleum Engineer

/ka
cc: USGS



ambra oil & gas co.

Suite 420-430
115 South Main • Salt Lake City, Utah 84111
(801) 532-6640
NASDAQ: AOGC

RECEIVED NOV - 5 1980

November 3, 1980

TMCO Limited
840 Rood Avenue
Grand Junction, CO 81501

ATTN: Jim Kyle

Dear Mr. Kyle:

This letter authorizes TMCO Limited to purchase waters from us at Cisco Springs, Grand County, Utah. Ambra Oil and Gas hereby contracts that it is the owner of one acre of foot per year of water from Cisco Springs. This is a new allocation, and Ambra Oil and Gas has used none of this water to date. Therefore, the agreed rate established is \$10 per load (2,000 gallons) will become due and payable up removal of this water.

Ambra Oil and Gas Company hereby authorizes TMCO to use up to 10 loads (20,000 gallons of water).

Sincerely yours,

Kerry M. Miller
Production Manager

KMM/jj

cc: Tony Cox
Wes Pettingill

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Bond # U9006401

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 Company

3. ADDRESS OF OPERATOR
 840 Road, Grand Junction, CO 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface SW 1/4 NE 1/4 Section 7 T20S, R22E

At proposed prod. zone 3300' FWL & 1980' DIVISION OF ENL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
 15 miles Northwest of Cisco, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
 (Also to nearest drlg. unit line, if any) 2000' to west line

16. NO. OF ACRES IN LEASE
 1320

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 3000

19. PROPOSED DEPTH
 4150 *Entrada*

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5360 GR

22. APPROX. DATE WORK WILL START*
 November 15, 1980

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9 3/4"	7"	20.00#	150'	
6 1/2"	4 1/2"	10.50#	thru production zone and cemented to 200' above Dakota Formation	

It is planned to drill a well at the above location to test the oil 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 pressures and temperatures. 2-inch Fill and Kill lines will be connected below the blind rams. Any oil encountered will be flared at the end of the blowie line, 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 Gary L. Cunn TITLE Field Representative DATE 11/5/80

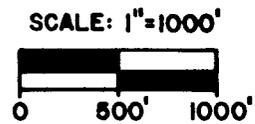
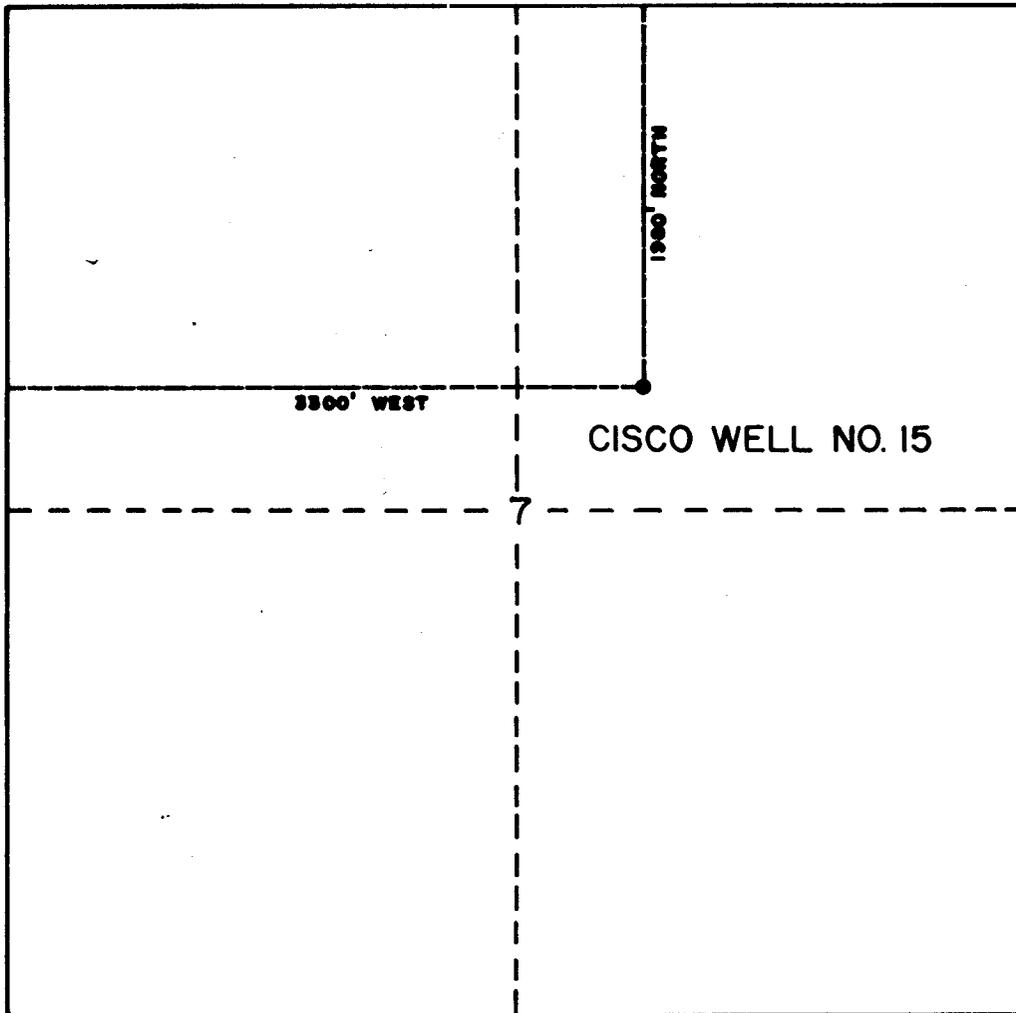
(This space for Federal or State office use)
 PERMIT NO. 43-09-30680 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

*See Instructions On Reverse Side
 DATE: 11/10/80
 BY: es [Signature]

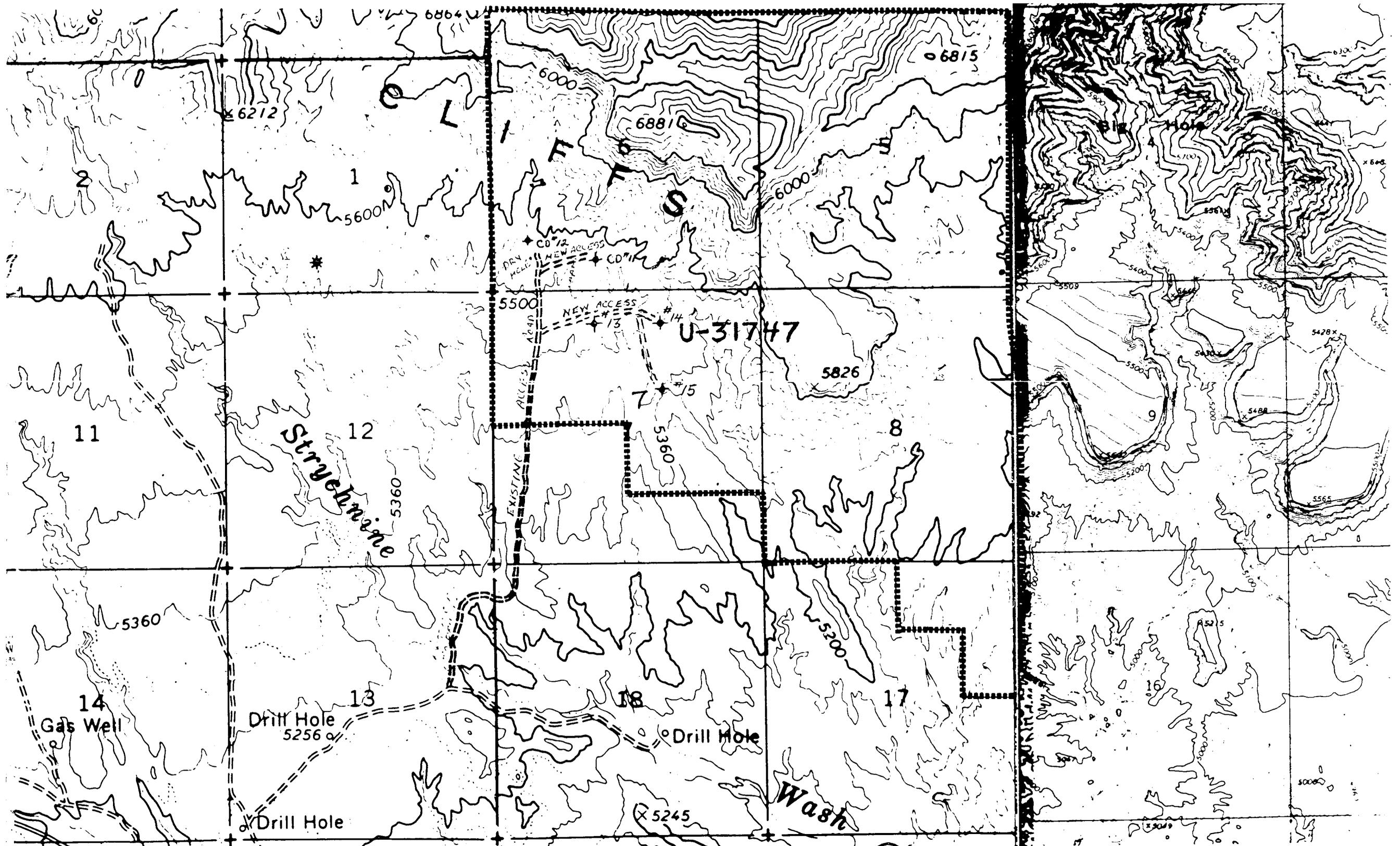


CERTIFICATE OF SURVEY

I, EDWARD F. CARPENTER, BEING A REGISTERED LAND SURVEYOR
 DO HEREBY CERTIFY THAT THE SURVEY OF DRILL SITE LOCATION
 CISCO WELL #15, IN THE SW 1/4 NE 1/4 OF SECTION 7, T.20S., R.22E.,
 SALT LAKE MERIDIAN, GRAND COUNTY, UTAH AND THE PLAT THEREOF
 WAS MADE UNDER MY SUPERVISION.

Edward F. Carpenter
 ED CARPENTER PE - L.S. #12319

PLAT OF THE CISCO WELL NO. 15 GRAND COUNTY, UTAH			
TEMCO LTD. GRAND JUNCTION, COLORADO			
STAKED BY:	TEMCO	SCALE:	1"=1000'
DRAWN BY:	N.P.B.	CHECKED BY:	E.F.C.
SURVEYED BY:	TEMCO	DATE:	10/21/80
			JOB NUMBER



6864 U

6815

6212

6881

6000

6000

5600

CD 72
NEW ACCESS

CD 71
NEW ACCESS

5500
NEW ACCESS

U-31747

5826

5360

11

12
Strychnine
5360

8

EXISTING ACCESS

5360

14
Gas Well

13
Drill Hole
5256

18

Drill Hole

17

Drill Hole

5245

Wash
5245

FROGNOSIS FOR
CISCO DRILLING & DEVELOPMENT CO.
CISCO WELL #15

Location: SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 7, T20S., R22E., S.L.M., Grand County, Utah (3000' from the West line and 2000' from the North Line).

Elevation: 5350 GR

Surface Casing: 150 feet of 7", 20.00#, K-55, R-3 casing set and cemented with 75 sks cement w/3% CaCl; with returns to the surface. The surface hole, 9 3/4", will be drilled to 150 feet K.B. and will be no more than 1° in deviation.

Expected Formation Tops:

<u>Formation</u>	<u>Depth to Top</u>	<u>Thickness</u>	<u>Datum</u>
Mancos Shale	Surface	2380	5350
Dakota Sandstone	2380	80	2970
Cedar Mountain	2460	100	2890
Morrison:			
Brushy Basin Shale	2560	225	2790
Salt Wash Sandstone	2785	250	2565
Summerville/Curtis	3015	75	2315
Entrada Sandstone	3080	-	2240

Total Depth to top of Entrada: 3600

1. It is planned to drill a 9 3/4" surface hole for the surface casing down to a depth of about 150 feet and set 7-inch casing with approximately 75 sks of 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 top of the blowout preventer. A blewie line, at least 100 feet long, will then be attached to the rotating head and extended into the reserve pit.
2. A 6 1/2" hole will then be drilled below the surface casing, using air for circulation. A flare will be maintained at the end of the blewie line while drilling below 1200'. This will insure that no gas will be missed. The air drilling will also minimize the damage to the hydrocarbon reservoir.

3. Samples of the cuttings will begin at 1200'. 30-ft. samples will be taken from 1200' to 1600', and then 10-ft. samples will be taken from 1600' to total depth.
4. It is planned to drill the well to a depth which is approximately 50 feet below the top of the Entrada formation unless good commercial-flow of gas is obtained above this depth.
5. If a high gas flow (several million cubic feet) 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' above the top of the Dakota formation.
6. If good production (over 750 MCF) is obtained, 4 1/2" O.D., 10.50#, K-55, R-3 new casing will be run and cemented conventionally with sufficient R.F.C. cement to cover 200' above the top of the Dakota formation. The production zone will then be perforated, 2 3/8" O.D. tubing run, and completed conventionally.
7. It is anticipated that the drilling of the well will require less than one week.

WELL CONTROL EQUIPMENT FOR
CISCO DRILLING & DEVELOPMENT CO.
CISCO #15 WELL
SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec.7 - T20S-R22E
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 9 3/4".
- B. Setting depth for surface casing is approximately 150 feet.
- C. Casing specs. are: 7 in. O.D., K-55, 20.00#, 8 rd. thread, R-3 new or used.
- D. Anticipated pressure at setting depth is approx. 20 lbs.
- E. Casing will be run using three centralizers and a guide shoe, and will be cemented with 75 sks of cement with returns to the surface.
- F. Top of the casing will be near ground level.

2. Casing Head:

Flange size: 10", A.P.I. Pressure rating: 200# W.P., Serier 600; Cameron, OCT, or equivalent; new or used; equipped w/two 2" ports with nipples and 2", 200# W.P. ball or plug valves. Casing head and valves set above ground level. (A flange only may be used on top of the casing, if the B.O.P. is equipped 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 3 1/2" or 4" drill pipe; 10" flange; 2000# or greater W.P.: Series 900; equipped with mechanical wheels and rod for back-up; set on top of casing head flange and securely bolted down, and pressure tested for leaks up to 2000# p.s.i. A hydraulically operated hy-drill may be used in place of the above B.O.P., if equipped with 2" outlets below the rams.
- B. Rotating Head: Shaffer, Grants or equivalent; set on top of blowout preventor and bolted securely; complete with kelly drive, pressure lubricator; 3 1/2" or 4" rubber for 2000# W.P.; need not have hy-drill assembly on bottom, if a separate hy-drill or B.O.P. is used.

C. Fill and Kill Lines: The fill and kill lines (2" tubing or heavy duty line pipe) are to be connected thru the 2" valves on the casing head and thru 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, and Morrison formations at depths of 2000' to 3000' in the area have been measured at about 600# to 800# maximum.

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 convert to mud.

8. Production Casing:

- A. Hole size for production casing will be 6 1/2".
- B. Approximate setting depth will be about 2300'.
- C. Casing Specs. are: 4 1/2" O.D.: K-55, 10.50#; 8-rd thread; R-3, 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, 2 3/8" O.D. tubing will be run, and the well completed conventionally. In the event production is small, it may be desirable to minimize the damage to the formation by keeping all mud and cement off the formation. In this case 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 thru the production zone below the basket with a blind guide shoe on the bottom. The casing will be cemented above the packer with about 85 sks of cement (sufficient to cement thru the Dakota formation). The cement will be allowed to cure at least 48 hrs. The plug can then be drilled out and the casing perforated below the DV tool. Two inch tubing will be run and secured in the tubing head prior to perforating.

Surface Use Plan

Cisco Drilling & Development Inc.

Cisco Well #15

1. EXISTING ROADS - Area Map Exhibit "B" is a reproduction of portions of Sejo Canyon, Cisco Springs 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 west exit of Interstate 70, proceed along state road 347 approximately 2 miles to existing county road. Proceed north-westerly along said road a distance of approx. 15 miles to intersection with dirt road located in N $\frac{1}{4}$, Sec. 25, T20S, R21E.
 - C. Access roads to the location are 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.
 - E. The existing roads will require little grading, with no additional road material necessary. With production, we anticipate having to grade and crown the roads into the well location but should not have any problems with the existing main approach roads.

2. PLANNED ACCESS ROAD
 - 1) The width of the existing road is about 12 feet and is not expected to be wider than 16 feet.
 - 2) The maximum anticipated grade from the preliminary survey will not exceed 5% grade.
 - 3) No turnouts will be necessary on the access road.
 - 4) There will be no ditches or water turnouts necessary because the main access roads are already in this area.
 - 5) No culverts or major cuts or fills will be necessary on the access road.
 - 6) We anticipate not using any surfacing material for the access roads.
 - 7) No gates, cattleguards, or fence cuts will be necessary.
 - 8) All new roads or reconstructed roads have been center-line flagged; there will be one low water crossing on the new approach road, shown on map, Exhibit "B".

3. LOCATION OF EXISTING WELLS WITHIN TWO MILE RADIUS

- 1) Water wells - None
- 2) Abandoned wells - See Exhibit "B"
- 3) Temporarily abandoned wells - None
- 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 106'x150'. 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 to normal topography.

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 Colorado Pacific Petroleum (see accompanying permit), 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, gravel, sand or culverts will be required. There will be no low water crossings on the approach road to Cisco Well. All existing, new and reconstructed, roads are outlined on the enclosed map. Upon production, only existing materials on the site will be used for permanent road. The surface and mineral ownership are both held by 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. All material and garbage will be put into the trash container and removed from location. A chemical 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 strips 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 east side of the Strychnine Wash on an area 100'x150' and slopes from the north to the south. The top soil (approximately 1 foot) will be stockpiled in the southwest corner of this drill site. A cross section of this area is provided in the lower left hand side of Plat No. 3. The maximum cut will be 2'-3' along the north sides. The reservoir pit will be placed on the west side of the site and will be unlined.

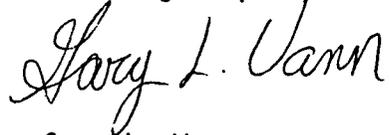
10. PLANS FOR RESTORATION OF SURFACE

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 the 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, we will reseed during the more favorable November-December period by drill.

11. OTHER INFORMATION

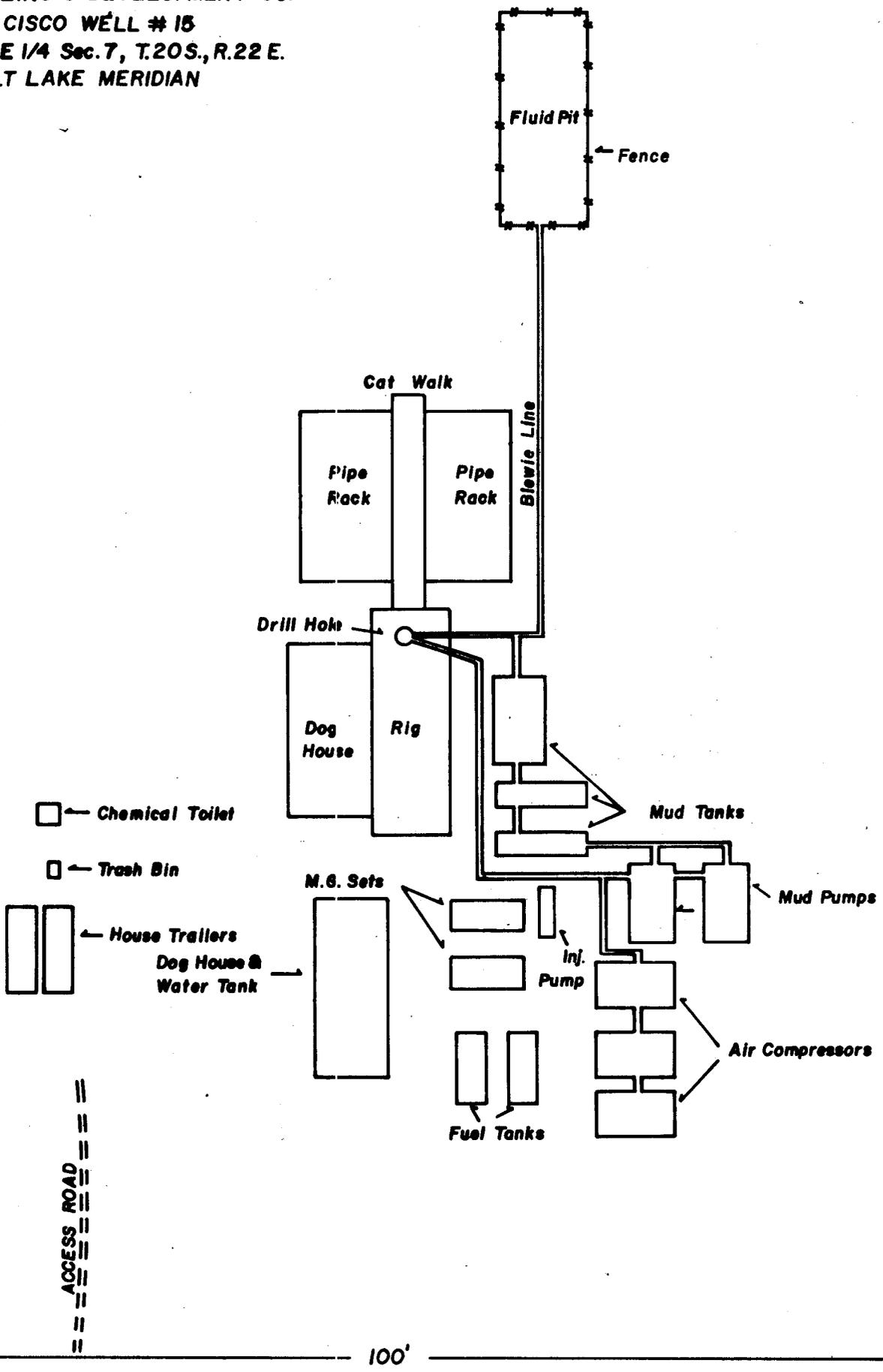
Topography of the land is a desert highland consisting of erosional hills, mesas and plateaus. Upper Sonoran Zone greasewood, salt brush, sagebrush, rabbit brush grow in a sandy loam saline soil, which supports various insect, rodent and reptile populations. There are no known archaeological, historical 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 this Surface Use Plan is:



Gary L. Vann
840 Rood Ave.
Grand Junction, CO 81501
(303) 245-3505

CISCO DRILLING & DEVELOPMENT CO.
 CISCO WELL # 18
 SW 1/4 NE 1/4 Sec. 7, T.20S., R.22 E.
 SALT LAKE MERIDIAN

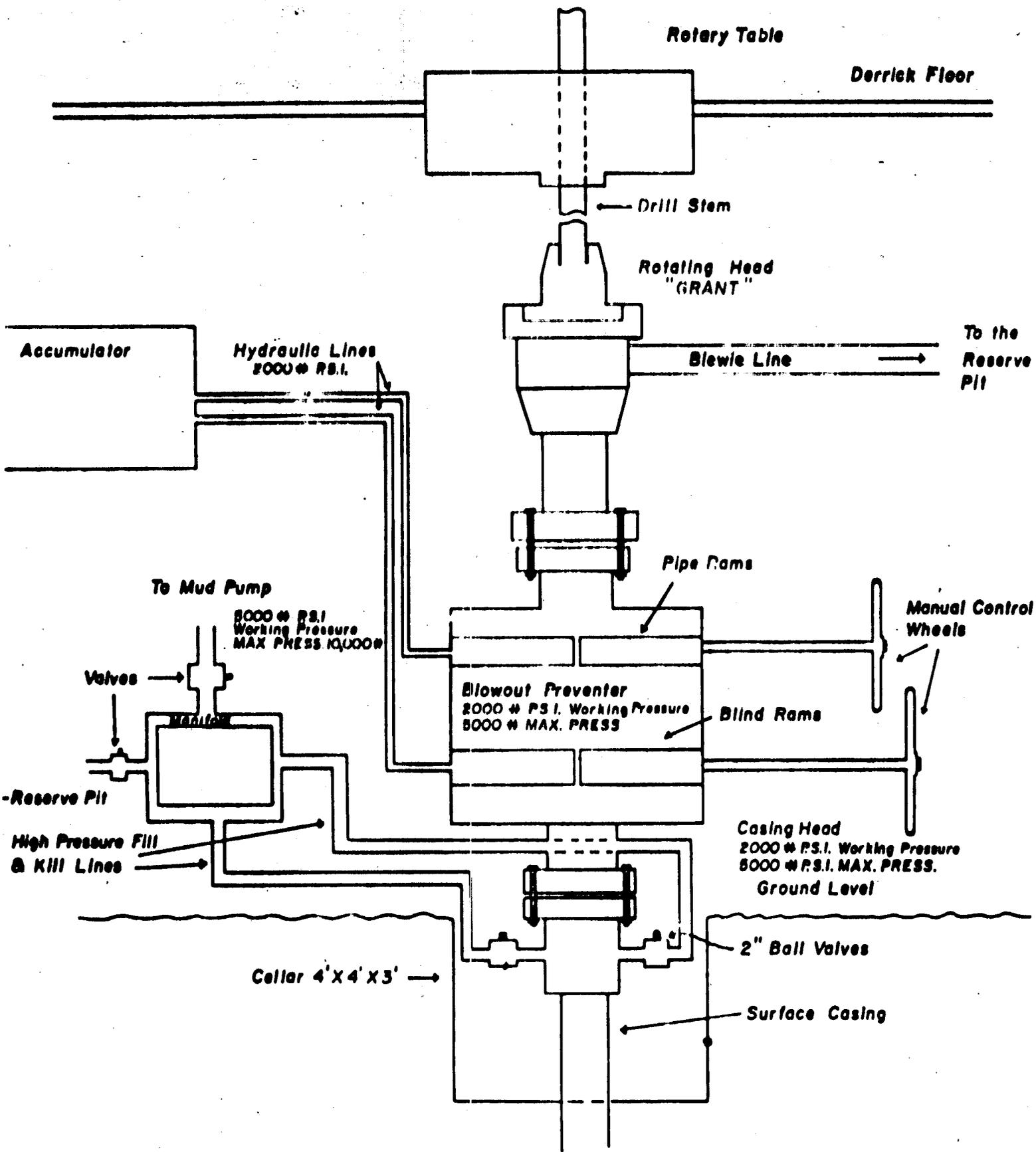


150'

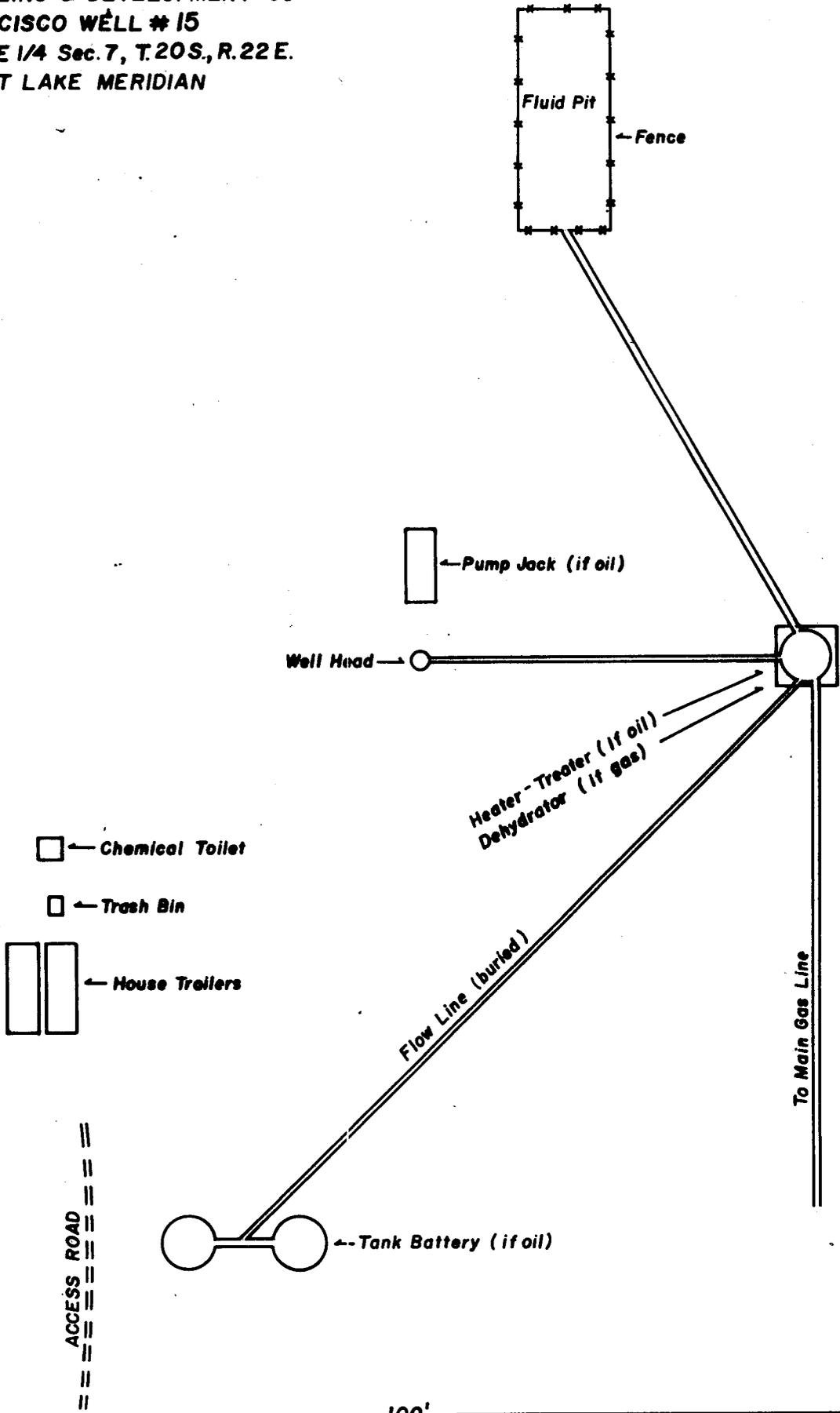
100'

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

**CISCO WELL # 15
SW 1/4 NE 1/4 Sec. 7, T.20S, R.22E.
SALT LAKE MERIDIAN**



PLAN FOR PRODUCTION EQUIPMENT
CISCO DRILLING & DEVELOPMENT CO.
CISCO WELL # 15
SW 1/4 NE 1/4 Sec. 7, T.20S., R.22 E.
SALT LAKE MERIDIAN



DUPLICATE COPIES OF WELL HISTORY INFORMATION

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

Bond # U9006401

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 Company

3. ADDRESS OF OPERATOR
 840 Road, Grand Junction, CO 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 7 T20S, R22E
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 15 miles Northwest of Cisco, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 2000' to west line

16. NO. OF ACRES IN LEASE
 1320

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 3000

19. PROPOSED DEPTH
 4150

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5360 GR

22. APPROX. DATE WORK WILL START*
 November 15, 1980

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9 3/4"	7"	20.00#	150'	
6 1/2"	4 1/2"	10.50#	thru production zone and cemented to 200'	above Dakota Formation

It is planned to drill a well at the above location to test the oil 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 pressures and temperatures. 2-inch Fill and Kill lines will be connected below the blind rams. Any oil encountered will be flared at the end of the blowie line, 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.

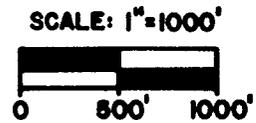
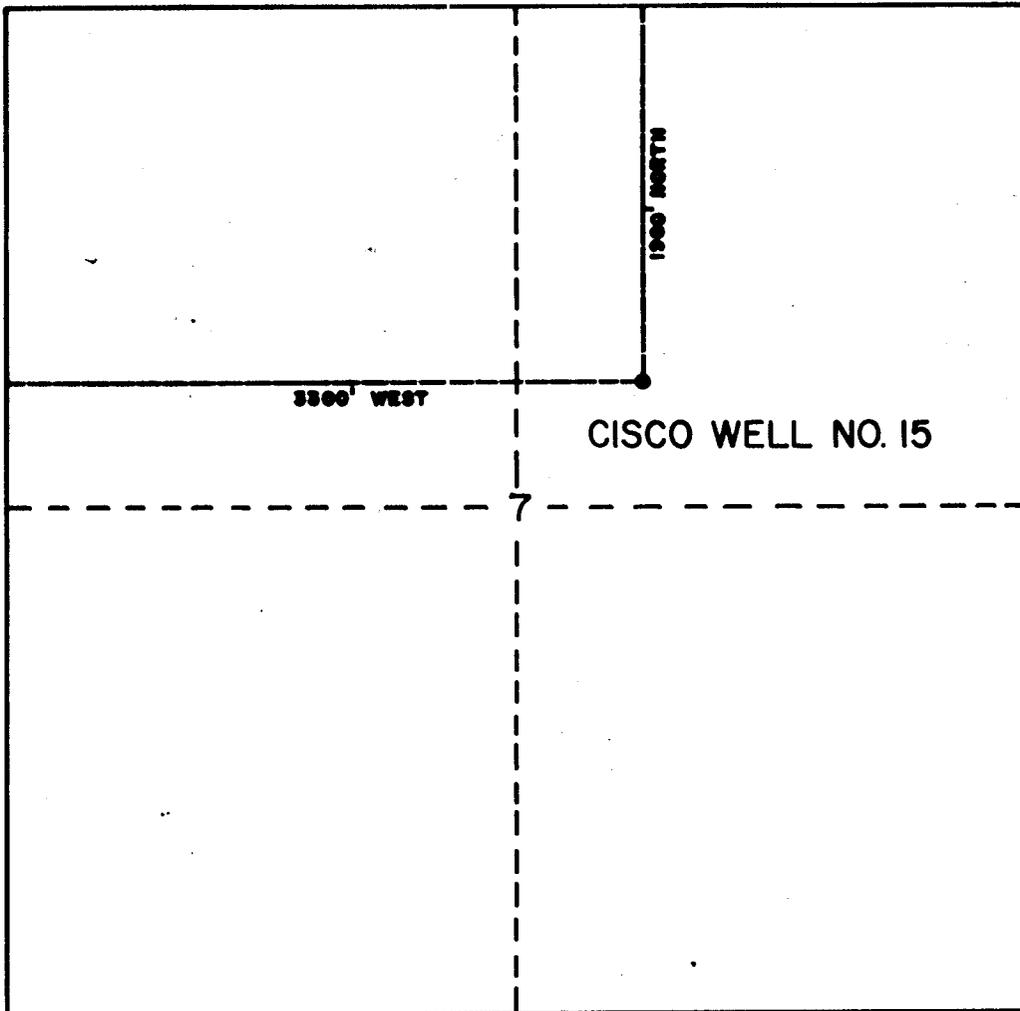
24. SIGNED Gary L. Cann TITLE Field Representative DATE 11/5/80

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

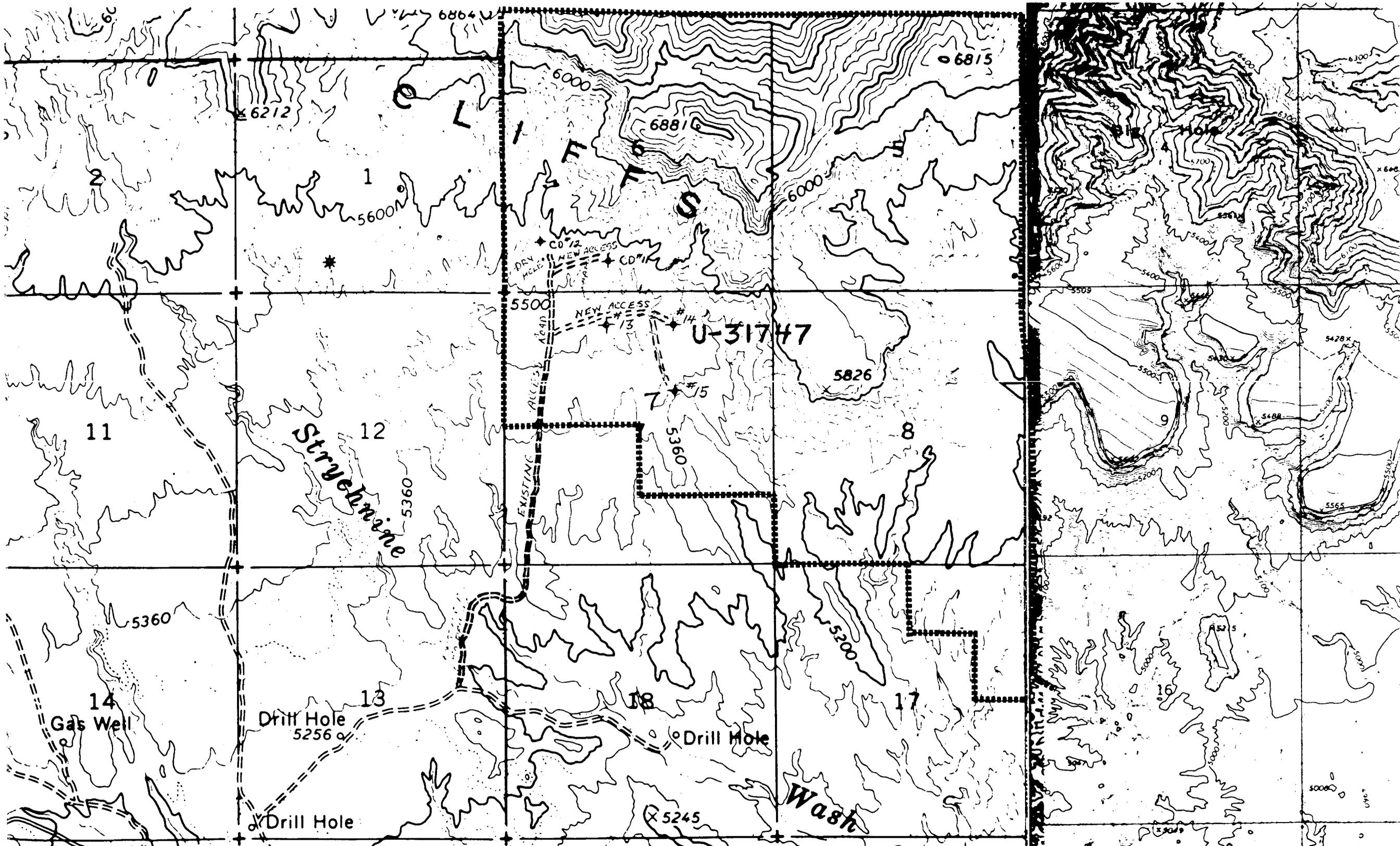


CERTIFICATE OF SURVEY

I, EDWARD F. CARPENTER, BEING A REGISTERED LAND SURVEYOR
 DO HEREBY CERTIFY THAT THE SURVEY OF DRILL SITE LOCATION
 CISCO WELL # 15, IN THE SW 1/4 NE 1/4 OF SECTION 7, T.20S., R.22E.,
 SALT LAKE MERIDIAN, GRAND COUNTY, UTAH AND THE PLAT THEREOF
 WAS MADE UNDER MY SUPERVISION.

Edward F. Carpenter
 ED CARPENTER PE. - L.S.# 12319

PLAT OF THE CISCO WELL NO. 15 GRAND COUNTY, UTAH			
TEMCO LTD. GRAND JUNCTION, COLORADO			
STAKED BY: TEMCO	SCALE: 1"=1000'	DRAWN BY: N.P.B.	JOB NUMBER
SURVEYED BY: TEMCO	DATE: 10/21/80	CHECKED BY: E.F.C.	



PROGNOSIS FOR
CISCO DRILLING & DEVELOPMENT CO.
CISCO WELL #15

Location: SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 7, T20S., R22E., S.L.M., Grand County, Utah (3000' from the West line and 2000' from the North Line).

Elevation: 5350 GR

Surface Casing: 150 feet of 7", 20.00#, K-55, R-3 casing set and cemented with 75 sks cement w/3% CaCl; with returns to the surface. The surface hole, 9 3/4", will be drilled to 150 feet K.B. and will be no more than 1° in deviation.

Expected Formation Tops:

<u>Formation</u>	<u>Depth to Top</u>	<u>Thickness</u>	<u>Datum</u>
Mancos Shale	Surface	2380	5350
Dakota Sandstone	2380	80	2970
Cedar Mountain	2460	100	2890
Morrison:			
Brushy Basin Shale	2560	225	2790
Salt Wash Sandstone	2785	250	2565
Summerville/Curtis	3015	75	2315
Entrada Sandstone	3080	-	2240

Total Depth to top of Entrada: 3600

1. It is planned to drill a 9 3/4" surface hole for the surface casing down to a depth of about 150 feet and set 7-inch casing with approximately 75 sks of 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 top of the blowout preventer. A blewie line, at least 100 feet long, will then be attached to the rotating head and extended into the reserve pit.
2. A 6 1/2" hole will then be drilled below the surface casing, using air for circulation. A flare will be maintained at the end of the blewie line while drilling below 1200'. This will insure that no gas will be missed. The air drilling will also minimize the damage to the hydrocarbon reservoir.

3. Samples of the cuttings will begin at 1200'. 30-ft. samples will be taken from 1200' to 1600', and then 10-ft. samples will be taken from 1600' to total depth.
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5. If a high gas flow (several million cubic feet) 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' above the top of the Dakota formation.
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SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec.7 - T20S-R22E
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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 Colorado Pacific Petroleum (see accompanying permit), 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, gravel, sand or culverts will be required. There will be no low water crossings on the approach road to Cisco Well. All existing, new and reconstructed, roads are outlined on the enclosed map. Upon production, only existing materials on the site will be used for permanent road. The surface and mineral ownership are both held by 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. All material and garbage will be put into the trash container and removed from location. A chemical 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 strips 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 east side of the Strychnine Wash on an area 100'x150' and slopes from the north to the south. The top soil (approximately 1 foot) will be stockpiled in the southwest corner of this drill site. A cross section of this area is provided in the lower left hand side of Plat No. 3. The maximum cut will be 2'-3' along the north sides. The reservoir pit will be placed on the west side of the site and will be unlined.

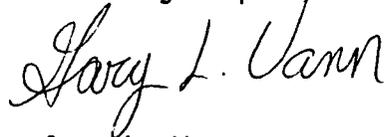
10. PLANS FOR RESTORATION OF SURFACE

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 the 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, we will reseed during the more favorable November-December period by drill.

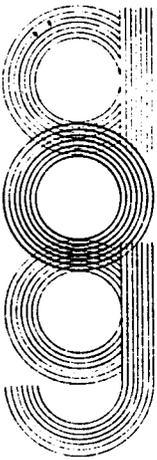
11. OTHER INFORMATION

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 this Surface Use Plan is:



Gary L. Vann
840 Rood Ave.
Grand Junction, CO 81501
(303) 245-3505



ambra oil & gas co.

Suite 420-430
115 South Main • Salt Lake City, Utah 84111
(801) 532-6640
NASDAQ: AOGC

RECEIVED NOV - 5 1980

November 3, 1980

TMCO Limited
840 Rood Avenue
Grand Junction, CO 81501

ATTN: Jim Kyle

Dear Mr. Kyle:

This letter authorizes TMCO Limited to purchase waters from us at Cisco Springs, Grand County, Utah. Ambra Oil and Gas hereby contracts that it is the owner of one acre of foot per year of water from Cisco Springs. This is a new allocation, and Ambra Oil and Gas has used none of this water to date. Therefore, the agreed rate established is \$10 per load (2,000 gallons) will become due and payable up removal of this water.

Ambra Oil and Gas Company hereby authorizes TMCO to use up to 10 loads (20,000 gallons of water).

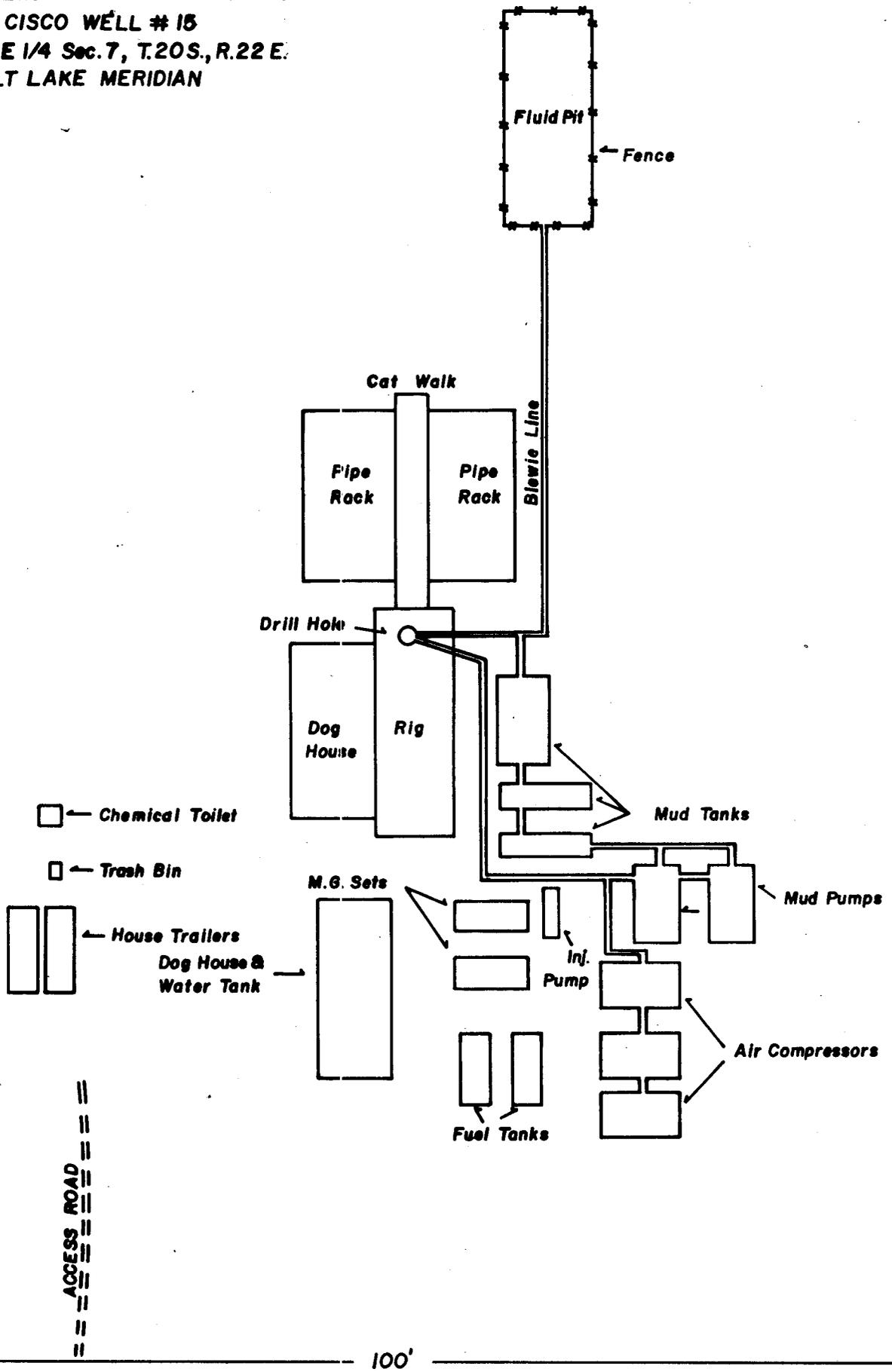
Sincerely yours,

Kerry M. Miller
Production Manager

KMM/jj

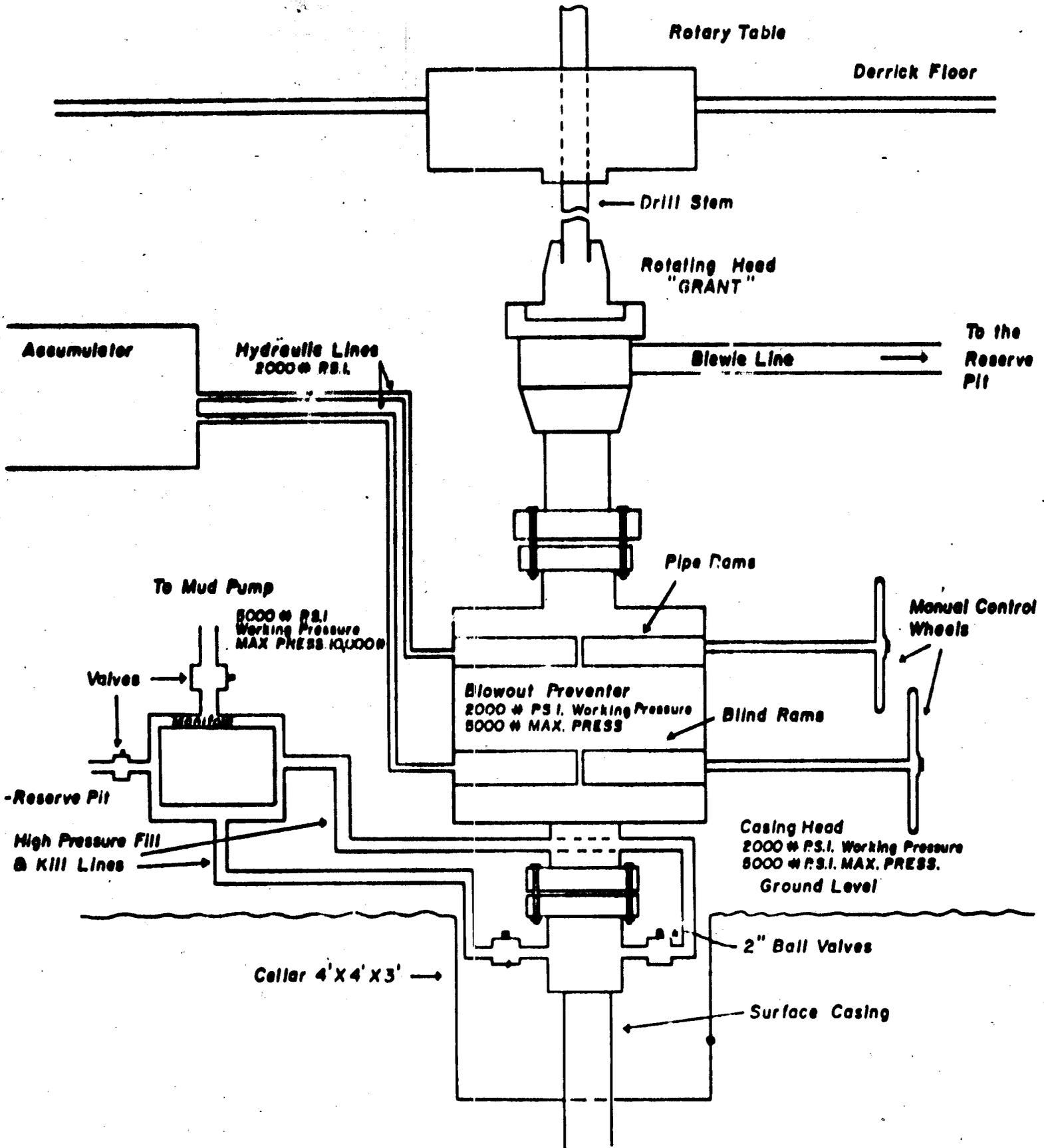
cc: Tony Cox
Wes Pettingill

CISCO DRILLING & DEVELOPMENT CO.
 CISCO WELL # 15
 SW 1/4 NE 1/4 Sec. 7, T.20S., R.22 E.
 SALT LAKE MERIDIAN

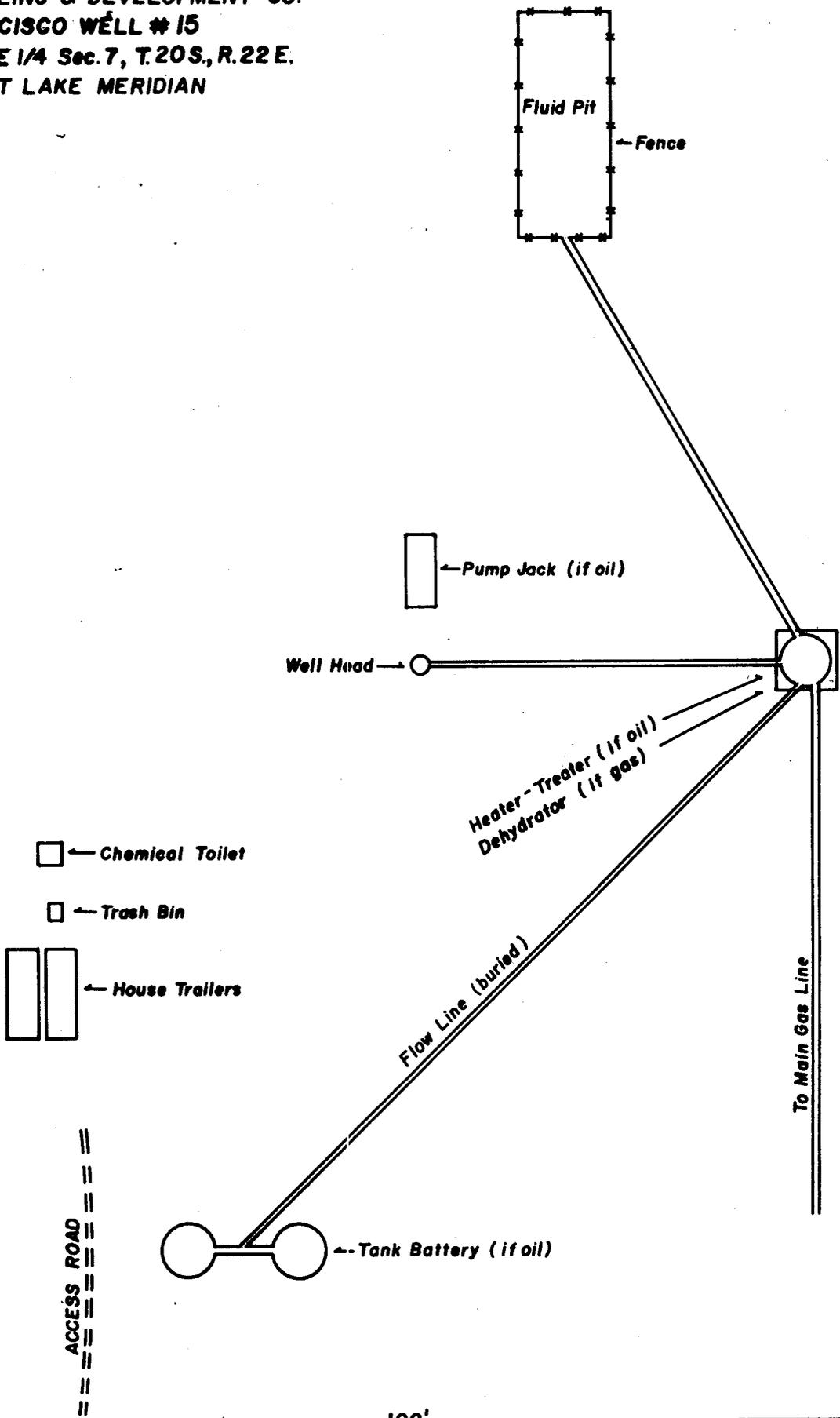


**SCHEMATIC DIAGRAM OF
CONTROL EQUIPMENT FOR THE
CISCO DRILLING & DEVELOPMENT CO.**

**CISCO WELL # 15
SW 1/4 NE 1/4 Sec. 7, T.20S, R.22E.
SALT LAKE MERIDIAN**



PLAN FOR PRODUCTION EQUIPMENT
CISCO DRILLING & DEVELOPMENT CO.
CISCO WELL # 15
SW 1/4 NE 1/4 Sec. 7, T.20S., R.22 E.
SALT LAKE MERIDIAN



150'

100'

** FILE NOTATIONS **

DATE: NOV. 10, 1980
OPERATOR: Cisco Drilling & Development Co.
WELL NO: Cisco Federal #15
Location: Sec. 7 T. 20S R. 22E County: Grand

File Prepared: Entered on N.I.D:
Card Indexed: Completion Sheet:

API Number 43-09-30680

CHECKED BY:

Petroleum Engineer: _____

Director: _____

Administrative Aide: ok as per spacing 102-16B

APPROVAL LETTER:

Bond Required: (corrected) Survey Plat Required:
Order No. 102-16B-9/26/79 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 Plotted on Map
Approval Letter Written
Hot Line P.I.



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

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

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

CLEON B. FEIGHT
Director

November 19, 1980

Cisco Drilling & Development Company
840 Rood
Grand Junction, Colorado 81501

Re: Well No. Cisco Federal #15
Sec. 7, T. 20S, R. 22E
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with the Order issued in Cause No. 102-16B dated September 26, 1979.

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 - Petroleum 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 number assigned to this well is 43-019-30680.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Cleon B. Feight /ka
Cleon B. Feight
Director

/ka
cc: USGS

24
Cari _____

OAK OIL AND GAS COMPANY, INC.

27 MERIDEN AVENUE
SOUTHINGTON, CONNECTICUT 06489

(203) 621-8525

December 1, 1982

State of Utah
Natural Resources & Energy
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, UT 84114

Gentlemen:

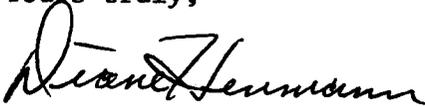
RE: See attached page for list of wells

This is to inform you that we do intend to work these wells at a later date.

At present we are in the process of re-entering Cisco #1 well and Cisco #3 well. We have recently encountered difficulties with Cisco Dome well #25 and have closed it down, causing us to delay any work on the wells that are listed.

If you have any further questions regarding these wells, please don't hesitate to call our office.

Yours truly,



Diane D. Hermann
OAK OIL AND GAS COMPANY, INC.

DEC 01 1982
DIVISION OF
OIL GAS & MINING

Well No. Cisco Federal #21
Sec. 6, T. 20S, R. 22E.
Grand County, Utah

Well No. Cisco Springs #22
Sec. 7, T. 20S, R. 22E.
Grand County, Utah

Well No. Cisco Federal #23
Sec. 7, T. 20S, R. 22E.
Grand County, Utah

Well No. Cisco Federal #25
Sec. 7, T. 20S, R. 22E.
Grand County, Utah

Well No Cisco Springs #16
Sec. 26, T. 20S, R. 23E.
Grand County, Utah

Well No. Cisco Federal #8
Sec. 34, T. 20S, R. 23E
Grand County, Utah

TEMCO, Ltd.

Landmen
Drilling
Claim Staking
Oil Field Service
Energy Properties

840 Rood Ave. (303) 245-3505
Grand Junction, Colo. 81501

December 9, 1980

United States Geological Survey
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

RE: *Cisco Drilling & Dev.*
Cisco #15
Greater Cisco Area

ATTN: Janice Himmert and Diana Horsley

Dear Janice & Diana:

It appears that the combining of Cisco Springs and Cisco Dome has resulted in the duplication of numbering of well "Cisco #15" in the Greater Cisco Area. The Utah Division of Oil, Gas, and Mining caught these duplications when applying for permits on #20 (formerly 11), #21 (formerly 12) and #23 (formerly 14), but must have missed #15.

I am enclosing copies of approval from Utah Division of Oil, Gas & Mining on Cisco federal #15. A copy of the old Cisco Springs #15 permit is also enclosed. This was never approved.

If it is satisfactory with the Utah Division of Oil, Gas, and Mining and you, please re-designate Greater Cisco #15 to Greater Cisco #22 and advise me.

Thank you for bringing this to my attention.

Very truly yours,

TEMCO, LTD.

James P. Kyle
James P. Kyle

JPK/cmr
Enclosure

cc: Utah Division Oil, Gas & Mining
Phillip Wm. Lear



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

November 10, 1982

Cisco Drilling & Development, Inc.
c/o Garback, Giannattteo & Denorfia
P. O. Box 597
27 Meridan Avenue
Southington, Conneticut 06489

Re: See attached page

Gentlemen:

In reference to the 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 to drill 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

Cari Furse

Cari Furse
Clerk Typist

CF/cf

Well No. Cisco Federal #21
Sec. 6, T. 20S, R. 22E.
Grand County, Utah

Well No. Cisco Springs #22
Sec. 7, T. 20S, R. 22E.
Grand County, Utah

Well No. Cisco Federal #23
Sec. 7, T. 20S, R. 22E.
Grand County, Utah

Well No. Cisco Federal #25
Sec. 7, T. 20S, R. 22E.
Grand County, Utah



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 301-533-5771

September 20, 1983

Cisco Drilling and Development Corporation
Oak Oil and Gas Company, Inc.
27 Meriden Avenue
Southington, Connecticut 06489

RE: See wells on attached page

Gentlemen:

In reference to the 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 to drill these locations at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse
Well Records Specialist

CF/cf

Well No. Cisco Federal # 21
1000' FSL, 788' FWL
SW SW, Sec. 6, T. 20S, R. 22E.
Grand County, Utah

Well No. Cisco Springs # 22
1980' FNL, 3300' FWL
SW NE, Sec. 7, T. 20S, R. 22E.
Grand County, Utah

Well No. Cisco Federal # 23
660' FNL, 3300' FWL
NW NE, Sec. 7, T. 20S, R. 22E.
Grand County, Utah

Well No. Cisco Springs # 16
500' FNL, 500' FEL
NE NE, Sec. 26, T. 20S, R. 23E.
Grand County, Utah

Well No. Cisco Federal # 8
1529' FNL, 1407 FEL
SW NE, Sec. 34, T. 20S, R. 24E.
Grand County, Utah



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

February 1, 1984

Cisco Drilling and Development Corporation
C/O P. L. Driscoll
1933 E Tartan Ave.
Salt Lake City UT 84108

RE: Well No. Cisco Springs #22
API #43-019-30680
1980' FNL, 3300' FWL SW/NE
Sec. 27, T. 20S, R. 23E.
Grand County, Utah

Gentlemen:

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.

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

Respectfully,

A handwritten signature in black ink, appearing to read 'Norman C. Stout'.

Norman C. Stout
Administrative Assistant

NCS/cj

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

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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Cisco Springs

9. WELL NO.
#22

10. FIELD AND POOL, OR WILDCAT
Cisco Springs

11. SEC., T., R., M., OR BLE. AND SURVEY OR ABSSA
Sec. 7 T20S R22E R23E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Cisco Drilling and Development Co.

3. ADDRESS OF OPERATOR
27 Meriden Ave. Southington, Conn. 06489

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface SW 1/4 NE 1/4 (1980 FNL & 3300 FWL)

14. PERMIT NO.
43-019-30680

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

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) _____

(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.)*

The Cisco Drilling and Development Co does not intend to drill this location.

Please cancel the permit and consider it an abandoned location.

RECEIVED
FEB 22 1984

DIVISION OF
OIL, GAS & MINING

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

SIGNED

Robert K. Russell

TITLE

Consultant

DATE

2/13/84

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY: