

UTAH OIL AND GAS CONSERVATION COMMISSION

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

This Application is rescinded by the U.S.G.S. for no information re activity on this location!! 2-2-82

DATE FILED 11-10-80

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

DRILLING APPROVED: 11-10-80 11-19-80

SPUDED IN:
COMPLETED: PUT TO PRODUCING

INITIAL PRODUCTION:
GRAVITY A.P.I.

GOR:
PRODUCING ZONES:

TOTAL DEPTH:
WELL ELEVATION:

DATE ABANDONED: LOCATION ABANDONED 2-2-82

FIELD: Greater Cisco Area 3/86

UNIT:
COUNTY: Grand

WELL NO. CISCO FEDERAL #20 API NO. 43-019-30740

LOCATION 660' FT. FROM (X) (S) LINE. 1980' FT. FROM (X) (W) LINE. SE 1/4 SW 1/4 1/4 - 1/4 SEC 6 SLM

TWP	RGE	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
				20S	22E	6	CISCO DRILLING & DEVELOP.

14

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 Company Inc.

3. ADDRESS OF OPERATOR
 840 Road Ave. Grand Junction, CO 81505

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface
 SE1/4SW1/4 Section 6 T20S R22E
 At proposed prod. zone
 1980' FWL & 660' FSL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* DIVISION OF
 15 miles northwest of Cisco, Utah OIL, GAS & MINING

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
 1980 FWL
 660 FSL

16. NO. OF ACRES IN LEASE
 2480

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.

19. PROPOSED DEPTH
 4100 Entrada

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5590 G.R.

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 feet	75 sax thru production zone and cemented 200 feet above the Dakota formation
6 1/2"	4 1/2"	10.50		

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 feet 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 blowout 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. Vann TITLE Field Representative DATE 11/5/80

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

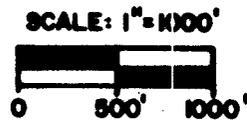
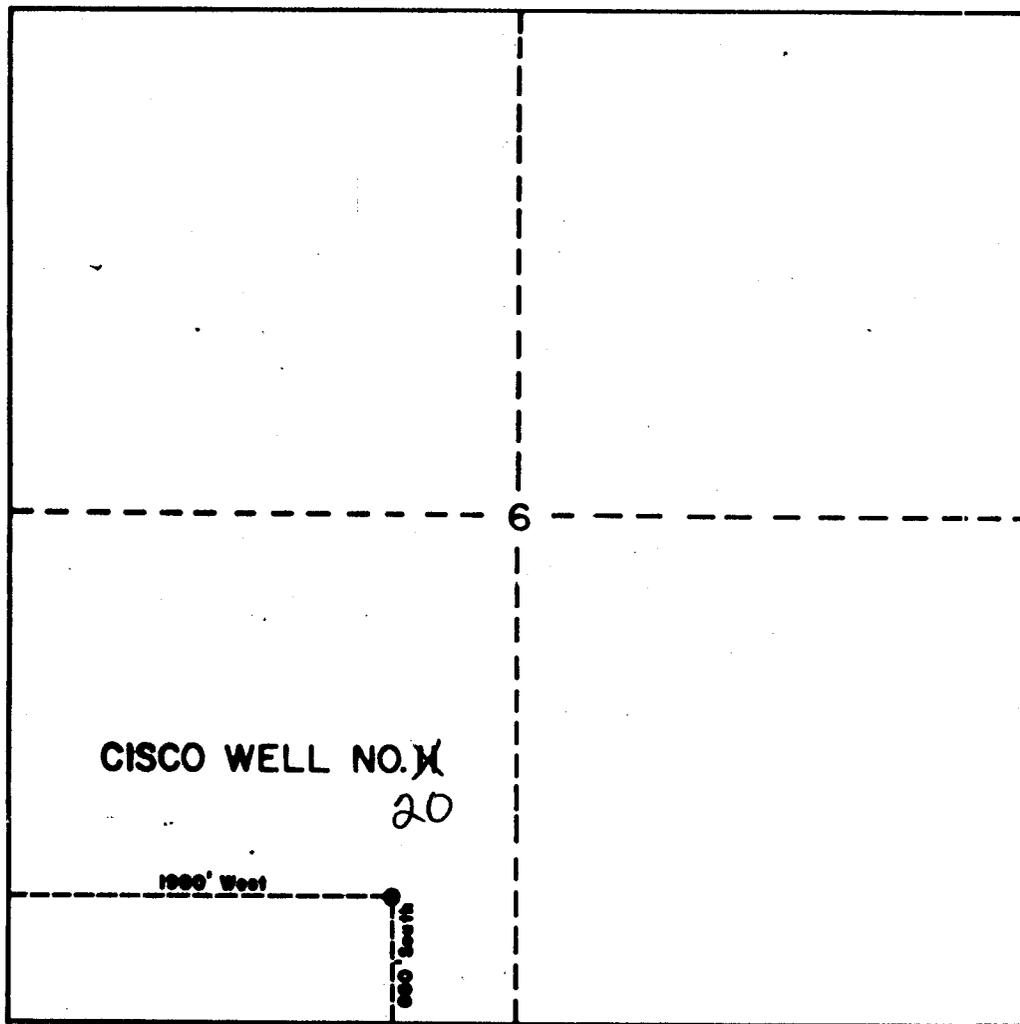
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE 11/10/80

BY: CB Feipho

*See Instructions On Reverse Side



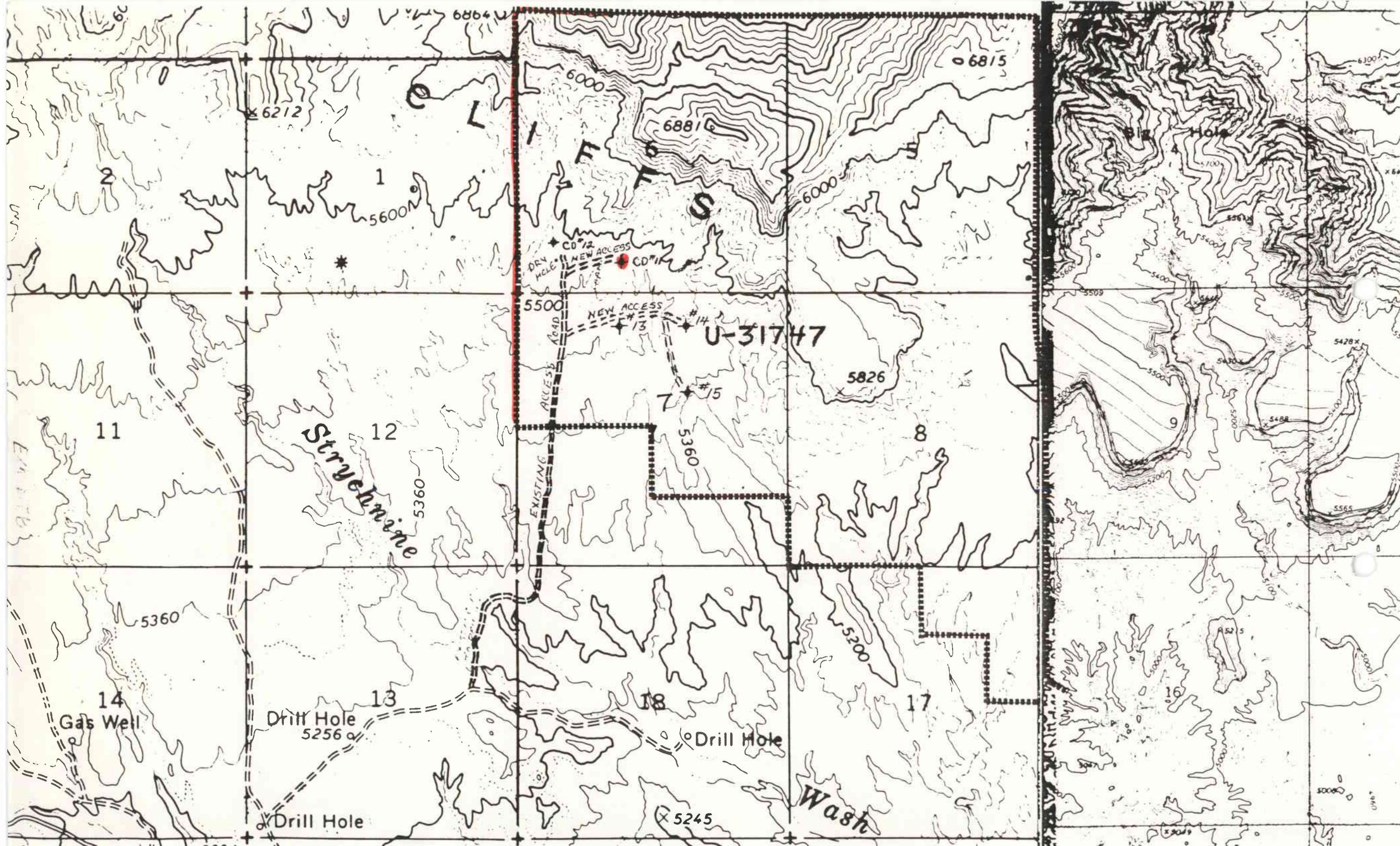
CERTIFICATE OF SURVEY

I, EDWARD F. CARPENTER, BEING A REGISTERED LAND SURVEYOR
 DO HEREBY CERTIFY THAT THE SURVEY OF DRILL SITE LOCATION
 CISCO WELL # 11, IN THE SE 1/4 SW 1/4 OF SECTION 6, 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. II GRAND COUNTY, UTAH			
TEMCO LTD. GRAND JUNCTION, COLORADO			
STAKED BY: TEMCO	SCALE: 1" = 1000'	DRAWN BY: N.P.E.	JOB NUMBER
SURVEYED BY: TEMCO	DATE: 10/21/80	CHECKED BY: E.F.C.	



PROGNOSIS FOR
CISCO DRILLING & DEVELOPMENT CO.
CISCO WELL #11

Location: SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 6, T20S., R22E., S.L.M., Grand County, Utah (2050' from West lease line, 3200' from South lease line).

Elevation: 5592;grd.; 5600; K.B.

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	2650	5590
Dakota Sandstone	2756	106	2940
Cedar Mountain	2826	70	2834
Morrison:			
Brushy Basin Shale	2881	55	2764
Salt Wash Sandstone	3180	299	2465
Summerville/Curtis	3438	258	2166
Entrada Sandstone	3513	-	-

Total Depth to top of Entrada: 3540

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 WELL # 11
SE $\frac{1}{4}$ SW $\frac{1}{4}$ SEC. 6 - 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 #11

1. EXISTING ROADS - Area Map Exhibit "B" is a reproduction of portions of Sego 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.

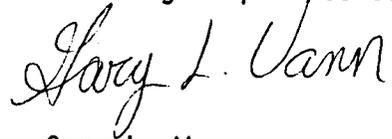
10. PLANS FOR RESTORATION OF SURFACE

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

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

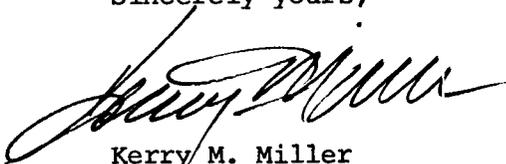
ATTN: Jim Kyle

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,



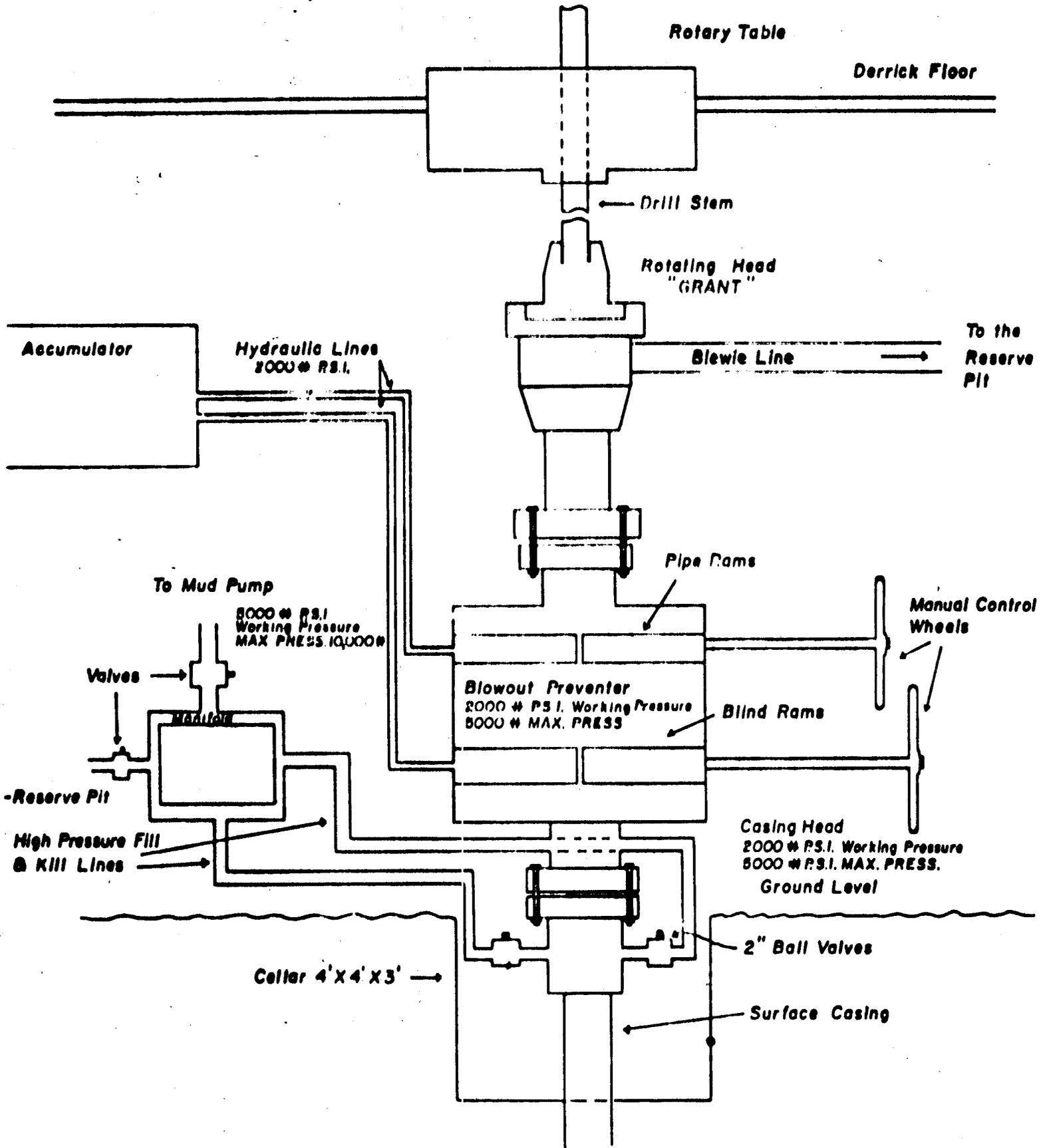
Kerry M. Miller
Production Manager

KMM/jj

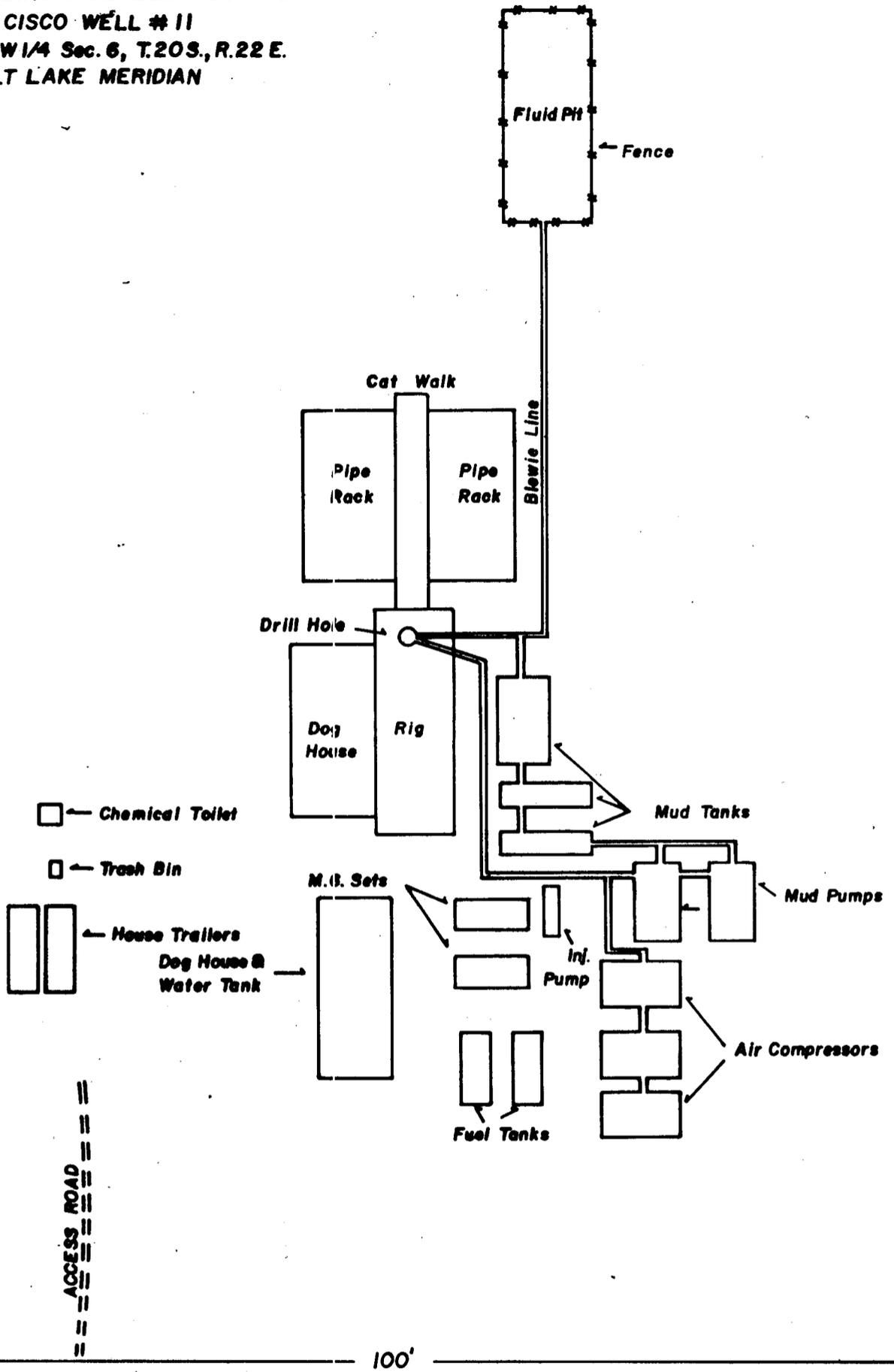
cc: Tony Cox
Wes Pettingill

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

**CISCO WELL # 11
SE 1/4 SW 1/4 Sec. 6, T.20S, R.22E.
SALT LAKE MERIDIAN**



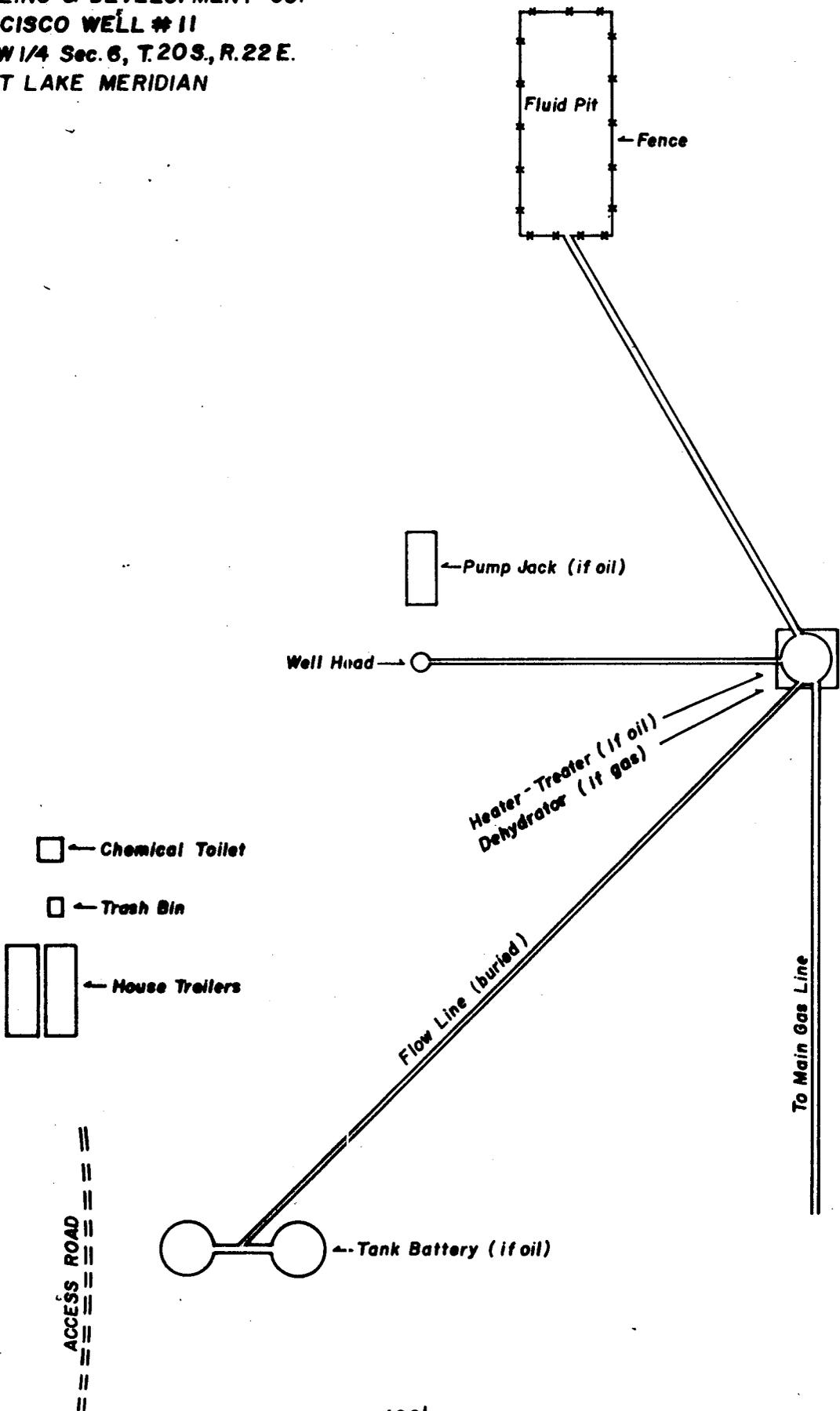
CISCO DRILLING & DEVELOPMENT CO.
 CISCO WELL # 11
 SE 1/4 SW 1/4 Sec. 6, T.20S., R.22 E.
 SALT LAKE MERIDIAN



150'

100'

PLAN FOR PRODUCTION EQUIPMENT
CISCO DRILLING & DEVELOPMENT CO.
CISCO WELL # 11
SE 1/4 SW 1/4 Sec. 6, T.20S., R.22 E.
SALT LAKE MERIDIAN



100'

150'

** FILE NOTATIONS **

DATE: Nov. 10, 1980

OPERATOR: Cisco Drilling & Development Inc.

WELL NO: Cisco Federal #20

Location: Sec. 6 T. 20S R. 22E County: Grand

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-019-30740

CHECKED BY:

Petroleum Engineer: _____

Director: _____

Administrative Aide: ok as per spacing Order No. 102-16B

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. 102-16B-9/26/78

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.

November 19, 1980

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

Re: Well No. Cisco Federal #20
Sec. 6, 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 43-019-30740.

Sincerely,

DIVISION OF OIL, GAS, AND MINING


Cleon B. Feight
Director

/ka
cc: USGS

DUPLICATE
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other Instru. on reverse)

Form approved.
Budget Bureau No. 42-R1425.

Bond #U9006401

5. LEASE DESIGNATION AND SERIAL NO.
U 31747

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 Dome #20

10. FIELD AND POOL, OR WILDCAT
Greater Cisco Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SE 1/4 SW 1/4 Sec. 6
T20S R22E SLM

12. COUNTY OR PARISH
Grand

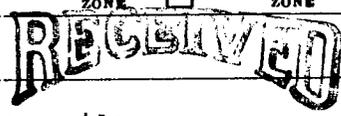
13. STATE
Utah

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 Rood Ave. Grand Junction, CO 81501

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At proposed prod. zone
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DIVISION OF
OIL, GAS & MINING

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15 miles NW of Cisco, Utah

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1980' FWL
660 FSL

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Rotary

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5590 G.R.

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

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

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY (Orig. Sgd.) R. A. Harricks TITLE FOR E. W. GUYNN DISTRICT ENGINEER DATE JAN 20 1981

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

NOTICE OF APPROVAL

*See Instructions On Reverse Side

Production Facilities and Flowline NOT Approved

ut.
ST. OG

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

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator/Project Name Cisco Drilling and Development Cisco Dome No. 20

Project Type Development Oil Test

Project Location 1980' FWL, 660' FSL, Section 6, T20S, R22E, Grand County, Utah

Date Project Submitted November 21, 1980

FIELD INSPECTION Date January 8, 1981

Field Inspection

Participants

Jim Kyle - Operator's representative

Chip Hopkins-Dirt contractor

Jim Lucas - Colorado-Pacific

Jeff Robbins - BLM

Glenn Doyle - USGS

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

January 16, 1981
Date Prepared

Glenn M. Doyle
Environmental Scientist

I concur

1/19/81
Date

Ed Lyman
District Supervisor

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Correspondence (date)	Phone check (date)	Meeting (date)						
1. Public health and safety					1,2				
2. Unique characteristics					1,2				
3. Environmentally controversial					1,2				
4. Uncertain and unknown risks						4			
5. Establishes precedents					1,2				
6. Cumulatively significant					1,2				
7. National Register historic places	1-1/14/81								
8. Endangered/threatened species	1-1/14/81								
9. Violate Federal, State, local, tribal law						4			3

Site-specific stipulations attached

COMMON REFERENCE LIST

NEPA Categorical Exclusion Review

1. SMA Input
2. Reviews, reports, or information received from Geological Survey (CD, GD, WRD, TD).
3. Lease Stipulations/Terms
4. Application to Drill
5. Operator correspondence
6. Field observation
7. Private Rehabilitation Agreement

Site-Specific Stipulations

- 1) Operator will keyseat the blooie/reserve pit(s).
- 2) Fence the reserve pit on three sides prior to drilling, and on the fourth side once the rig moves off.



United States Department of the Interior

IN REPLY REFER TO

3109
(U-603)

BUREAU OF LAND MANAGEMENT
Moab District
Grand Resource Area
P.O. Box M
Moab, Utah 84532

Memorandum

To: Oil & Gas Office, U.S.G.S. Conservation Division
P.O. Box 3768, Grand Junction, CO 81502

From: Acting Area Manager, Grand

Subject: Application to Drill: U-31747
Cisco Dome #20
Section 6, T. 20 S., R. 22 E.
Grand County, Utah

On January 8, 1981 a representative from this office met with Glenn Doyle, USGS, and Jim Kyle, agent of the Cisco Drilling and Development Company for an inspection of the above referenced location. Subject to the attached conditions and an approved Permit to Drill from the USGS, I am approving the surface management portion of the Application for Permit to Drill.

The archaeological requirement has been fulfilled on this location. No threatened or endangered flora or fauna are indicated in the area.

Please forward the enclosed information to Cisco Drilling and Development Company.

M. Scott Parker

Enclosures (4)
1-Reclamation Procedures
2-Suggested Color Hues
3-Reserve Pit Diagram
4-Fence Diagram



JAN 14 REC'D

Save Energy and You Serve America!

STIPULATIONS FOR THE CISCO DOME #20 WELL SITE

1. Contact this office at least 48 hours prior to starting excavation of the site.
2. If changes need to be made relating to the excavation of the site the USGS and/or BLM must be notified prior to making changes. Otherwise the operator will be expected to excavate according to the standards set forth by the NTL-6 and application for permit to drill.
3. The access road will exit on the SW edge of the location, follow the ridge contour south until it meets up with the new access road for the Cisco Dome #13. This road will be temporarily pushed-in with the topsoil pushed to one side of the right-of-way trying to avoid excavating a channel. This roughed-in road should have some small water-bars or cuts made in the downhill side for water dispersion.
4. The reserve pit should be constructed with a keyway and constructed similar to the enclosed reserve pit construction diagram (Fig. 1). This should prevent the potential for reserve pit leakage on this particular landform.
5. Because of the presence of trailing sheep in this area, a woven wire sheep-tight fence (26" standard woven wire, two barbed-wire strands on top, (Fig. 2) will be constructed around the reserve pit.
6. Producer:
 - A) The access road will be upgraded to permanent road specification so to facilitate tank truck traffic.
 - B) Production facilities are not approved at this time.
 - C) Colors for the production facilities have been enclosed in this permit.
 - D) That portion of the topsoil not used in restoration will be seeded with the grasses from the seed mixture.
7. Plugged and Abandoned:
 - A) The only item that was not attended to in the APD was that on specific portions of the access road there are needs for water-bars.
 - B) A seed mixture will be prepared at the time the operator is ready to use it.
 - C) The BLM will be notified when the operator intends to begin the restoration of the surface and at the time the operator intends to revegetate the site.

RECLAMATION PROCEDURES IN GRAND RESOURCE AREA

1. Disk or rip pads and access roads.
 - a. Overlap passes in order to insure complete treatment.
2. Contour pads and access roads.
 - a. Lay berms into centers.
 - b. Use cut material for fill areas.
 - c. Lay stockpiled surface soil over top of pads and spread evenly.
 - d. On highly erosive soils, it may be more beneficial to grade slopes to reduce steepness.
 - e. Do not smooth pads cut, leave a roughened surface. On steeper slopes and slopes with clayey soils scarify or serrate the ground in order to increase water infiltration and reduce erosion.
3. Water bar roads where required by this office.

* 2 percent	Grade	-	200 ft. intervals
2-4 percent	Grade	-	100 ft. intervals
4-5 percent	Grade	-	75 ft. intervals
5 percent	Grade	-	50 ft. intervals

* Actual spacing may vary according to soil stability. Lighter textured soils will require more frequent water bars. When natural drainage ways are present, water bars are to be constructed to make maximum use of them. Plan operations so that natural drainage ways do not become blocked.
4. Seed roads and pads in the fall (Oct. through mid-Dec.).



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

SUGGESTED COLORS TO PAINT OIL & GAS PRODUCTION FACILITIES

Cisco Desert and Flats below the Bookcliffs:

Dynasty Green	(Sears)
Tumbleweed	(Pratt & Lambert)
Desert Tan	-----
Sage Gray	(Pratt & Lambert)

Bookcliffs Region:

Sage Gray	(Pratt & Lambert)
Sea Life	(Pratt & Lambert)
Dynasty Green	(Sears)

Similar hues other than the ones mentioned above must be approved by the Grand Resource Area Manager.

Figure 1.

Selecting Locations for Well Sites, etc.

In planning for well sites, tank batteries, sump, reserve and mud pits, and pumping stations, the operator should select locations that involve the least disruption to scenic values and other surface resources. The operator should employ construction techniques and design practices, including selection of material, camouflage techniques and rehabilitation practices that will preserve scenic and aesthetic qualities. The following guidelines can be used by operators to assist in minimizing surface disturbance and as an aid in the maintenance of the best possible conditions for rehabilitation.

Construction

Avoid steep hillsides. Locate the site on the most nearly level location obtainable that will accommodate the intended use.

View the site location as to how it will affect the road location. What may be gained on a good location may be lost from an adverse access route.

Adjust the site layout to conform to the best topographic situation. Deep vertical cuts and steep long fill slopes should be avoided. All cut and fill slopes should be constructed to the least percent slope practical.

Avoid excessive disturbance of drainage bottoms and locate reserve pits away from any watercourse. Reserve pits may have to be lined to prevent contamination of groundwater or soil. (See Figure 11 for construction in areas of steep slopes.)

Surface water should not be allowed to accumulate on such sites in order to prevent excessive erosion. Runoff water can be controlled by installing waterbars, terraces or diversion ditches on the uphill sides of facilities. (See Figures 12, 13 and 14.)

Excavations used for the permanent impoundment of usable water should be graded to establish safe access for humans, livestock and wildlife.

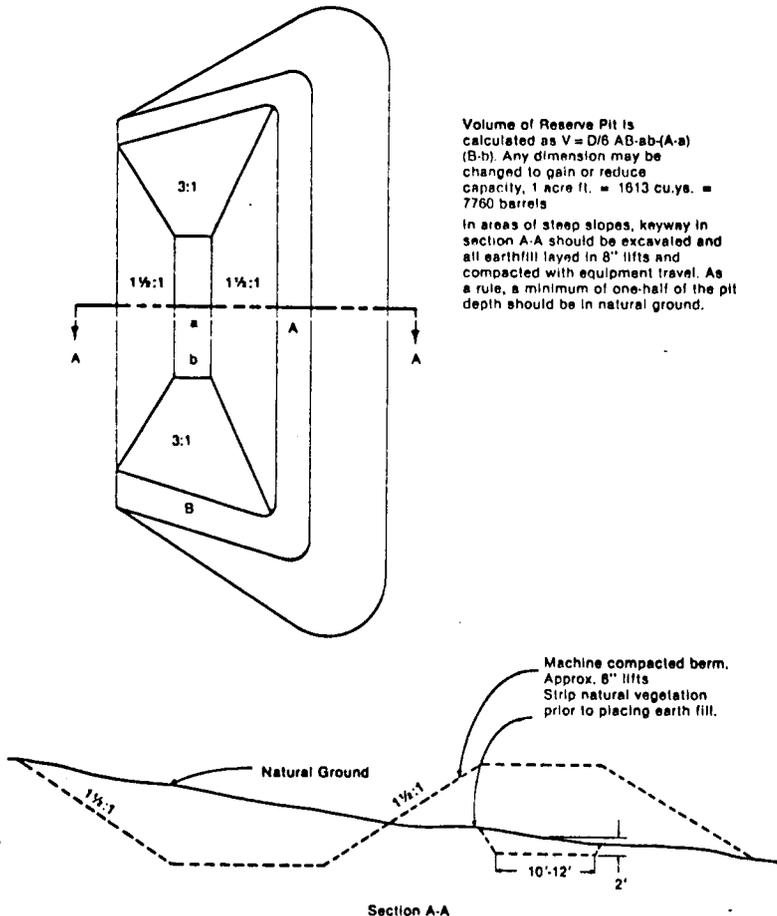


Figure 1. Reserve Pit Construction in Areas of Environmental Concern

Figure 2.

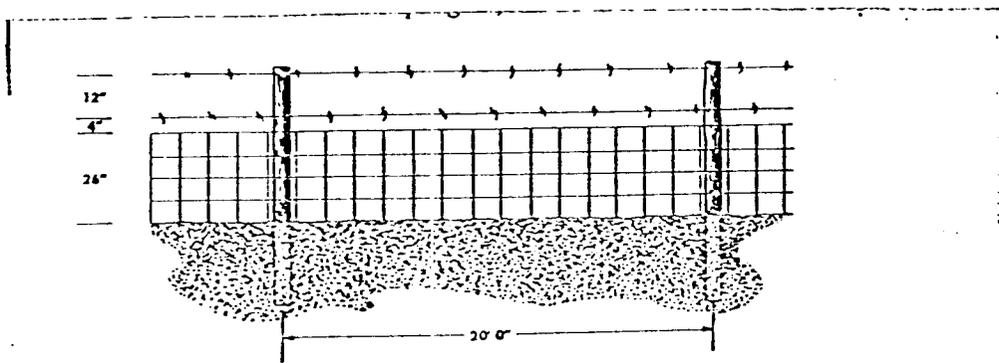


FIGURE 2 Standard woven wire, sheep-light fence

Minerals Management Service
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104-3884

February 2, 1982

Cisco Drilling and Development
840 Food Ave.
Grand Junction, Colorado 81501

Re: Return Application for
Permit to Drill
Well No. 13
Section 7, T. 20S., R. 22 E.
Grand County, Utah
Lease No. U-31747

Well No. 20
Section 6, T. 20S., R. 22E.
Grand County, Utah
Lease No. U-31747

Gentlemen:

The Application for Permit to Drill the referenced wells were approved January 20, 1981. Since that date no known activity has transpired at the approved locations. Under current District policy, application's for permit to drill are effective for a period of one year. In view of the foregoing this office is rescinding the approval of the referenced applications without prejudice. If you intend to drill at these locations on a future date a new application for permit to drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for these drill sites. Any surface disturbance associated with the approved locations of these wells is to be rehabilitated. A schedule for this rehabilitation must, then be submitted.

Your cooperation in this matter is appreciated.

Sincerely,

E. W. Gynn
District Oil and Gas Supervisor

bcc: SMA
✓State Office (O&G)
State Office (BLM)
MMS-Vernal
Well File
APD Control

RAH/db