

# TEMCO, Ltd.

Landmen  
Drilling  
Claim Staking  
Oil Field Service  
Energy Properties

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

February 13, 1981

State of Utah  
Dept. of Natural Resources  
Division of Oil & Gas & Mining  
1588 West North Temple  
Salt Lake City, UT 84116

ATTN: Mr. Cleon Freight

RE: Cisco Well # 25  
SW $\frac{1}{4}$ NW $\frac{1}{4}$  Sec. 7  
T20S, R22E  
Greater Cisco Area  
Grand County, UT

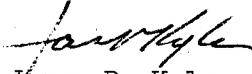
Dear Mr. Freight:

Enclosed please find a copy of form 9-330 for permit to drill at the above location.

Please advise if there are any problems with our proposed location in event of production of oil or secondarily in the event of producable gas.

Very truly yours,

TEMCO, Ltd.

  
James P. Kyle

JPK/cmr  
Enclosure

  
FEB 17 1981  
DIVISION OF  
OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Bond # U 9006401

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

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

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 16 miles NW Cisco, UT, west exit US Interstate 70

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)  
 350 FWL 2290 FNL

16. NO. OF ACRES IN LEASE  
 2560

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.  
 3225

19. PROPOSED DEPTH  
 3225

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5365 GR

22. APPROX. DATE WORK WILL START\*  
 March 10, 1981

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  
 Cisco Federal

9. WELL NO.  
 Cisco Well # 25

10. FIELD AND POOL, OR WILDCAT  
 Wildcat Greater Cisco

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 SW $\frac{1}{4}$ NW $\frac{1}{4}$  Sec. 7 102-16B  
 T20S, R22E

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
7 7/8"	8 5/8"	20.00	150'	75 sax thru production zone Cement 200' above Dakota

Request Exception in spacing as outlined in Cause #2, Cause #102-5 and Cause #102-16 and field rule.

This well is to be drilled through the Dakota Sandstones, Cedar Mountain, Brushy Basin and Salt Wash, and into the Summerville Curtis to TD; to test the oil production possibilities in these formations. Surface casing will be set and cemented with two returns to the surface. Hydraulically operated blind and pipe rams with manual backup will be installed on top of surface casing. A kelly cock and safety sub will be on derrick floor at all times to provide protection from pressure and temperature. Fill and kill lines will be connected below the rams. Any oil or gas encountered will be flaired at the end of the blowie line by a pilot flame that will be lit at all times during drilling. Volume will be checked through a 2 inch line after pipe rams are closed.

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 James P. Kyle TITLE Representative DATE 2/13/81  
 (This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

Oil and Gas well spacing in the Cisco Dome and Cisco Springs Area, Grand County, Utah

See accompanying note for Townships and Ranges affected.

All wells drilled for the discovery of oil and/or gas which are not within a pool, reservoir, or field for which drilling units have been established or for which a petition for establishment of a drilling unit has been filed, shall be located not less than 500 feet from any property or lease line and not less than 200 feet from the boundary of any legal subdivision comprising a governmental quarter - quarter section or equivalent lot or lots of comparable size and location, and not less than 400 feet from any oil well, or less than 1,320 feet from any gas well, unless otherwise specifically authorized by the Board after Notice of Hearing.

These rules are only applicable to wells drilled or to be drilled to a depth of 3,500 feet or less, in the Dakota, Morrison and Cedar Mountain Formations. If the Cedar Mountain Formation is broken through the state wide spacing pattern takes affect.

There can be one gas well drilled per 640 acres or 1 oil well drilled per 40 acres. They will be located not less than 500 feet from any property or lease line and not less than 1,000 feet from any existing oil well or 4,960 feet from any existing gas well, or any oil well or gas well to be drilled in the future.

1. That the Board's order in Cause No. 2, Cause No. 102-5, and Cause No. 102-16 is hereby revised as follows:

Field Rule 1-2 reads:

The spacing of all wells drilled for oil or gas which are within the following described area--to wit:

Township 18 South, Range 25 East  
Sec: 25 through 36

Township 18 South, Range 26 East  
Sec: 29 through 32

Township 19 South, Range 23 East  
Sec: 19 through 36

Township 19 South, Range 24 East  
Sec: All

Township 19 South, Range 25 East  
Sec: All

Township 19 South, Range 26 East  
Sec: 5 through 8

Township 20 South, Range 21 East  
Sec: All

Township 20 South, Range 22 East  
Sec: All *U 31747*

Township 20 South, Range 23 East  
Sec: All

Township 20 South, Range 24 East  
Sec: All

Township 20 South, Range 25 East  
Sec: All

Township 21 South, Range 22 East  
Sec: 1 through 12

Township 21 South, Range 23 East  
Sec: All

Township 21 South, Range 24 East  
Sec: All

*For attachment  
letter to O+G - Utah  
K*

*Lease*

*[Faint stamp]*  
OIL, GAS & MINING

Field Rule 2-2 is amended to read:

"All wells drilled for the discovery of oil and/or gas which are not within a pool, reservoir, or field for which drilling units have been established or for which a petition for establishment of a drilling unit has been filed, shall be located not less than 300 feet from any property or lease line or 200 feet from the boundary of any legal subdivision comprising a governmental quarter-quarter-quarter section or equivalent lot or lots of comparable size and location, and not less than 600 feet from any oil well, or less than 2640 feet from any gas well, unless otherwise specifically authorized by the Board after notice of hearing.

↑  
*Verify with location on Cisco 25 permit please*  
↓

Whenever an exception is granted by the Board, the Board may, at any time thereafter, take such action as will offset any advantage which the person securing the exception may obtain over the other producers in the area covered by Field Rule 1-2."

All previously drilled wells and all wells drilled in the future which:

- (1) are less than 1320 feet from the lease or property line and are classified as gas wells or
- (2) are less than 300 feet from the lease or property line and are classified as oil wells

may be offset, the same distance from the property line or a drilling unit may be established for said well if the Board of Oil, Gas and Mining finds, after notice and a hearing that correlative rights are being violated.

All notices of Intention to Drill must be accompanied by a plat on which is outlined the acreage covered by the lease on which the well is to be drilled.

Rule 1-2 and Rule 2-2 are only applicable to wells drilled or to be drilled to a depth of 3500 feet or less.

FEB 17 1931

OIL, GAS & MINING

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria	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)						
516 DM 2.3.A									
1. Public health and safety					1,2			7/1/81	
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		6		
7. National Register historic places	1-7/15/81								
8. Endangered/threatened species	1-7/15/81								
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



8/80

Cisco D+D #25 - Sec. 7, T20S,  
R22E, Grand Co.  
New location 200' SW

Site-specific Stipulations

- 1) Move the location 200' on an approximate bearing of S. 20° W. to avoid a major drainage. An exception from state spacing has been filed for this move.
- 2) Rotate the location 90° counter-clockwise to avoid the drainage to the northeast.
- 3) Fence the reserve pit on three sides prior to drilling and on the fourth side once the rig moves off.
- 4) The access will not be realigned behind the blooie pit.
- 5) When this location is rehabilitated, the Cisco D & D Federal #13 (Sec. 7, T20S, R22E) will also be rehabilitated unless it is determined to be drilled based upon production from the #25 well.



# United States Department of the Interior

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

IN REPLY REFER TO  
3109  
U-31747  
(U-068)

JUL 14 1981

## Memorandum

To: Oil & Gas Office  
USGS Conservation Division  
P. O. Box 3768  
Grand Junction, CO. 81501

From: Area Manager, Grand

Subject: Cisco Drilling & Development Company  
Cisco Well #25, Lease #U-31747  
SW/SW/NW Sec. 7 T. 20 S., R. 22 E., SLB&M  
Grand County, Utah

On July 1, 1981 a representative from this office met with Glenn Doyle, USGS, and Jim Kyle, agent of the Cisco Drilling & Development Company for an inspection of the above referenced location. Subject to the attached conditions and written approval from 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 & Development Co.

Enclosures: (3)  
1-Reclamation Procedures  
2-Seed Mixture  
3-Suggested Colors - Production Facilities

*Ernest Deane*  
Acting

U. S. GEOLOGICAL SURVEY  
OIL AND GAS OPERATIONS  
RECEIVED

JUL 15 1981

GRAND JUNCTION, COLORADO

STANDARD STIPULATIONS FOR OIL & GAS EXPLORATION

Contact this office at least 48 hours prior to beginning construction of access road and pad.

Stockpile the surface 12 inches to 18 inches of topsoil in a wind-row on the north west quadrant of the location.

The upper banks (uphill side) of all cuts will be rounded during construction of the access road and pad.

Notify the BLM District Archaeologist if cultural material from sub-surface deposits is exposed during the operation.

The trash cage will be at the location and fenced with fine mesh wire during drilling operations.

The "blooey" line will be centered and directed into the pit.

If production is obtained, the access road will be upgraded to BLM specifications for long-term roads as outlined in the surface use standards section of the "Oil and Gas" pamphlet (joint BLM, USGS and USFS publication).

If production is obtained, all production facilities will be painted. (See enclosed suggested colors - for facilities).

Rehabilitation of the site and access road will be accomplished in accordance with the enclosed restoration procedures.

Production facilities and pipeline route are approved on this location under lease rights.

As agreed upon at the Pre-drill field examination -

Access -

- 1) Existing roads, both county and on Lease will be used to get to the location.
- 2) Low water crossings will be installed in each of the drainages.

Location -

- 1) Move well location south 200 feet.
- 2) Rotate rig layout 90 degrees counter clockwise to put pit(s) in "cut" pad portion.
- 3) Pit(s) will be fenced on three sides with 48 inch high woven wire and two strands of barbed wire along the top for support, prior to drilling, and on the fourth side prior to rig removal.
- 4) Surface restoration will start by August 1, 1981 and be finished by August 15, 1981. Seeding will be done by drilling, during the fall of 1981.

- 5) In addition to part 10 "Plans for Restoration of Surface", in your 13 point plan - If the well is completed for production, areas of non-production (from approximately 15 feet outside the deadmen or anchors to the outside of the disturbed surface areas), will be recontoured, ripped, topsoils replaced and seeded in the fall of 1981.

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 out, 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.).

SEED MIXTURE

<u>Species</u>		<u>Rate</u>
<u>Grasses</u>		
		<u>lb/ac</u>
Oryzopsis hymenoides	Indian rice grass	1
Hilaria jamesii	Curley grass	1
Elymus cineras	Wildrye	1
<u>Forbs</u>		
Spaeralcea coccinea	Globemallow	1
<u>Shrubs</u>		
Ceretoides lanata	Winterfat	1
Atriplex confertifolia	Shadscale	<u>1</u>
	Total	6



# 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.

U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

FROM : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-31747

OPERATOR: Cisco

WELL NO. Cisco Well #25

LOCATION: C SW 1/4 NW 1/4 sec. 7, T. 20S, R. 22E, SLM

Grand County, Utah

1. Stratigraphy:

Mancos	surface
Dakota	2535'
Cedar Mtn	2640'
Morrison	2765'
Summerville	3115'
Entrada	3335'
Fresh Water: <u>TD</u>	<u>3325'</u>

2. Fresh Water:

Fresh water may be present in near-surface Mancos sandstones (to 500' depth).

3. Leasable Minerals:

Coal: Dakota (thin, lenticular beds)

Oil/Gas: Dakota through Summerville

4. Additional Logs Needed:

Gamma ray log through the Dakota for coal identification.

5. Potential Geologic Hazards: None expected

6. References and Remarks:

Signature: Gregory W. Wood

Date: 6-2-81

Glenn

FROM: : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&amp;G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-31747OPERATOR: CiscoWELL NO. Cisco Well #25LOCATION: C SW 1/4 NW 1/4 sec. 7, T. 20S, R. 22E, SLMGrand County, Utah

## 1. Stratigraphy:

Mancos	surface
Dakota	2535'
Cedar Mtn	2640'
Morrison	2765'
Summerville	3115'
Entrada	3335'
<u>TD</u>	<u>3325'</u>

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Fresh water may be present in near-surface Mancos sandstones (to 500' depth).

## 3. Leasable Minerals:

Coal: Dakota (thin, lenticular beds)

Oil/Gas: Dakota through Summerville

## 4. Additional Logs Needed:

Gamma ray log through the Dakota for coal identification.

5. Potential Geologic Hazards: None expected

U. S. GEOLOGICAL SURVEY  
OIL AND GAS OPERATIONS  
RECEIVED

JUN 11 1981

## 6. References and Remarks:

GRAND JUNCTION, COLORADO

Signature: Gregory W. WoodDate: 6-2-81

No Card file

~~James P. Kyle~~  
Cisco Drilling

# TEMCO, Ltd.

Landmen  
Drilling  
Claim Staking  
Oil Field Service  
Energy Properties

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

July 2, 1981

Approved  
Hearing

State of Utah  
Division of Oil, Gas & Mining  
1588 West North Temple  
Salt Lake City, UT 84116

**RECEIVED**  
JUL 03 1981

RE: Lease # U31747  
Cisco Drilling & Development  
Cisco Well # 25  
SW $\frac{1}{4}$ NE $\frac{1}{4}$ , Sec. 7  
T20S, R22E SLM  
Grand County, UT

DIVISION OF  
OIL, GAS & MINING

Gentlemen:

Due to drainage problems caused by the terrain, USGS and BLM have moved the location of the oil well named above to a point 200 feet south of the original location.

This places the well approximately 325 feet north and 550 feet east of the lease lines.

It appears that this location is permissible if Cause No. 2, Cause No. 102-5, and Cause No. 102-16 as revised in Field Rule 2-2 still applies.

In any event we need your permission to locate the well site as determined by the Federal Government.

Very truly yours,  
TEMCO, Ltd.

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

DATE: 7/21/81  
BY: [Signature]

[Signature]  
James P. Kyle  
Field Representative

JPK/cmr

Site-specific Stipulations

- 1) Move the location 200' on an approximate bearing of S. 20° W. to avoid a major drainage. An exception from state spacing has been filed for this move.
- 2) Rotate the location 90° counter-clockwise to avoid the drainage to the northeast.
- 3) Fence the reserve pit on three sides prior to drilling and on the fourth side once the rig moves off.
- 4) The access will not be realigned behind the blooie pit.
- 5) When this location is rehabilitated, the Cisco D & D Federal #13 (Sec. 7, T20S, R22E) will also be rehabilitated unless it is determined to be drilled based upon production from the #25 well.

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

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
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
1. Public health and safety					1,2			7/1/81	
2. Unique charac- teristics					1,2				
3. Environmentally controversial					1,2				
4. Uncertain and unknown risks						4			
5. Establishes precedents					1,2				
6. Cumulatively significant					1,2		6		
7. National Register historic places	1-7/15/81								
8. Endangered/ threatened species	1-7/15/81								
9. Violate Federal, State, local, tribal law						4			3

Site-specific stipulations attached

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

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator/Project Name Cisco Drilling & Development Co. Federal #25

Project Type Wildcat Oil Test

Project Location 2278' FNL, 492' FWL, Sec. 7, T20S, R22E, Grand County, Utah

Date Project Submitted May 21, 1981

FIELD INSPECTION

Date July 1, 1981

Field Inspection  
Participants

Jim Kyle - Operator representative

Elmer Duncan - 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.

July 21, 1981  
Date Prepared

Glenn M. Doyle  
Environmental Scientist

I concur

\_\_\_\_\_  
Date

\_\_\_\_\_  
District Supervisor

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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  
Cisco Federal

9. WELL NO.  
Cisco Well #25

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SW $\frac{1}{4}$ NW $\frac{1}{4}$ , Sec. 7, T20S, R22E

12. COUNTY OR PARISH  
Grand

13. STATE  
Utah

16. NO. OF ACRES IN LEASE  
2560

17. NO. OF ACRES ASSIGNED TO THIS WELL  
40

20. ROTARY OR CABLE TOOLS  
Rotary

22. APPROX. DATE WORK WILL START\*  
June 1, 1981

APPLICATION FOR PERMIT TO DRILL, D. PEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL       DEEPEN       PLUG BACK

b. TYPE OF WELL  
 OIL WELL       GAS WELL       OTHER

2. NAME OF OPERATOR  
Cisco Drilling & Development Company

3. ADDRESS OF OPERATOR  
840 Rood Ave., Grand Junction, CO 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
 At surface: SW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ , Sec. 7, T20S, R22E 2278'  
 At proposed prod. zone: 550' FWL, 2090' FNL  
 492' 500'

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
16 miles NW Cisco, UT, west exit US Interstate 70

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
 550' FWL  
 (Also to nearest drlg. unit line, if any) 2090' FNL

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
None

19. PROPOSED DEPTH  
3325'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5365 GR

RECEIVED  
JUL 26 1981  
DIVISION OF OIL, GAS & MINING

*B. Lenn, S. Kyle*

This Application to Drill the referred to oil and/or gas well was received in this office on 5/21/81. We are withholding approval of this application pending your comments (or input) as to the adequacy of the attached surface management plan and any supplemental stipulations for compliance with your surface management policies.

This proposal will require a joint onsite inspection and Environmental Analysis determination under Sec. 102 of the National Environmental Protection Act of 1969. NEW policy requires that all wells have a joint onsite inspection effective 2-1-75. Please provide a date on which the joint inspection can be made to the following office.

Grand Junction 303 245-8052  
Vernal 801 789-5236

*ea # 466-81*

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 *James P. Kyle* TITLE Representative DATE 4/30/81  
 (This space for Federal or State office use)

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

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

*cc: B. Lenn, M. Oule*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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  
Cisco Federal

9. WELL NO.  
Cisco Well #25

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC. T. R. M. OR BLM. AND SURVEY OR AREA  
SW<sup>1</sup>/<sub>4</sub>SW<sup>1</sup>/<sub>4</sub>NW<sup>1</sup>/<sub>4</sub>, Sec. 7, T20S, R22E

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface SW<sup>1</sup>/<sub>4</sub>SW<sup>1</sup>/<sub>4</sub>NW<sup>1</sup>/<sub>4</sub>, Sec. 7, T20S, R22E  
At proposed prod. zone 550' FWL, 2090' FNL  
492' 2278'

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
16 miles NW Cisco, UT, west exit US Interstate 70

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)  
550' FWL, 2090' FNL

16. NO. OF ACRES IN LEASE  
2560

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.  
None

19. PROPOSED DEPTH  
3325'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5365 GR

22. APPROX. DATE WORK WILL START\*  
June 1, 1981

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	28.00#	150'	75 sax thru production zone
9 3/4"	7 "	20.00#	to 300'	Cement 200' above Dakota
6 1/2"	4 1/2"	10.50#	to T.D.	as required.

This well is to be drilled through the Dakota Sandstones, Cedar Mountain, Brushy Basin, and Salt Wash, and into the Summerville Curtis to TD; to test the oil production possibilities in these formations. Surface casing will be set and cemented with two returns to the surface. Hydraulically operated blind and pipe rams with manual backup will be installed on top of surface casing. A kelly cock and safety sub will be on derrick floor at all times to provide protection from pressure and temperature. Fill and kill lines will be connected below the rams. Any oil or gas encountered will be flaired at the end of the blowie line by a pilot flame that will be lit at all times during drilling. Volume will be checked through a 2 inch line after pipe rams are closed.

Blowout preventor and control equipment diagrams, location maps and 12 point program attached.

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 James P. Kyle TITLE Representative DATE 4/30/81  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY E. W. Gwynn TITLE FOR DISTRICT ENGINEER DATE JUL 30 1981  
CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY  
\*See Instructions On Reverse Side

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

NOTICE OF APPROVAL

*State of*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

Cisco Federal

9. WELL NO.

Cisco Well #25

10. FIELD AND POOL, OR WILDCAT

Wildcat In Cisco area

11. SEC., T., R., M., OR BLE.  
AND SURVEY OR AREA

SW<sup>1</sup>/<sub>4</sub>SW<sup>1</sup>/<sub>4</sub>NW<sup>1</sup>/<sub>4</sub>, Sec. 7,  
T20S R22E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

2560

20. SPECIAL OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START\*

June 1, 1981

APPLICATION FOR PERMIT TO DRILL, D. PEN, OR PLUG BACK

12. TYPE OF WORK

DRILL

DEEPEN

PLUG BACK

D. 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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

SW<sup>1</sup>/<sub>4</sub>SW<sup>1</sup>/<sub>4</sub>NW<sup>1</sup>/<sub>4</sub>, Sec. 7, T20S, R22E

At proposed prod. zone

550' FWL, 2090' FNL  
500 2279

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

16 miles NW Cisco, UT, west exit US Interstate 70

15. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.

550' FWL

(Also to nearest drlg. unit line, if any) 2090' FNL

16. NO. OF ACRES IN LEASE

2560

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

None

19. PROPOSED DEPTH

3325'

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

5365 GR

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	28.00#	150'	75 sax thru production zone
9 3/4"	7 "	20.00#	to 300'	Cement 200' above Dakota
6 1/2"	4 1/2"	10.50#	to T.D.	as required.

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Blowout preventor and control equipment diagrams, location maps and 12 point program attached.

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

*James P. Kyle*  
James P. Kyle

TITLE

Representative

DATE

4/30/81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

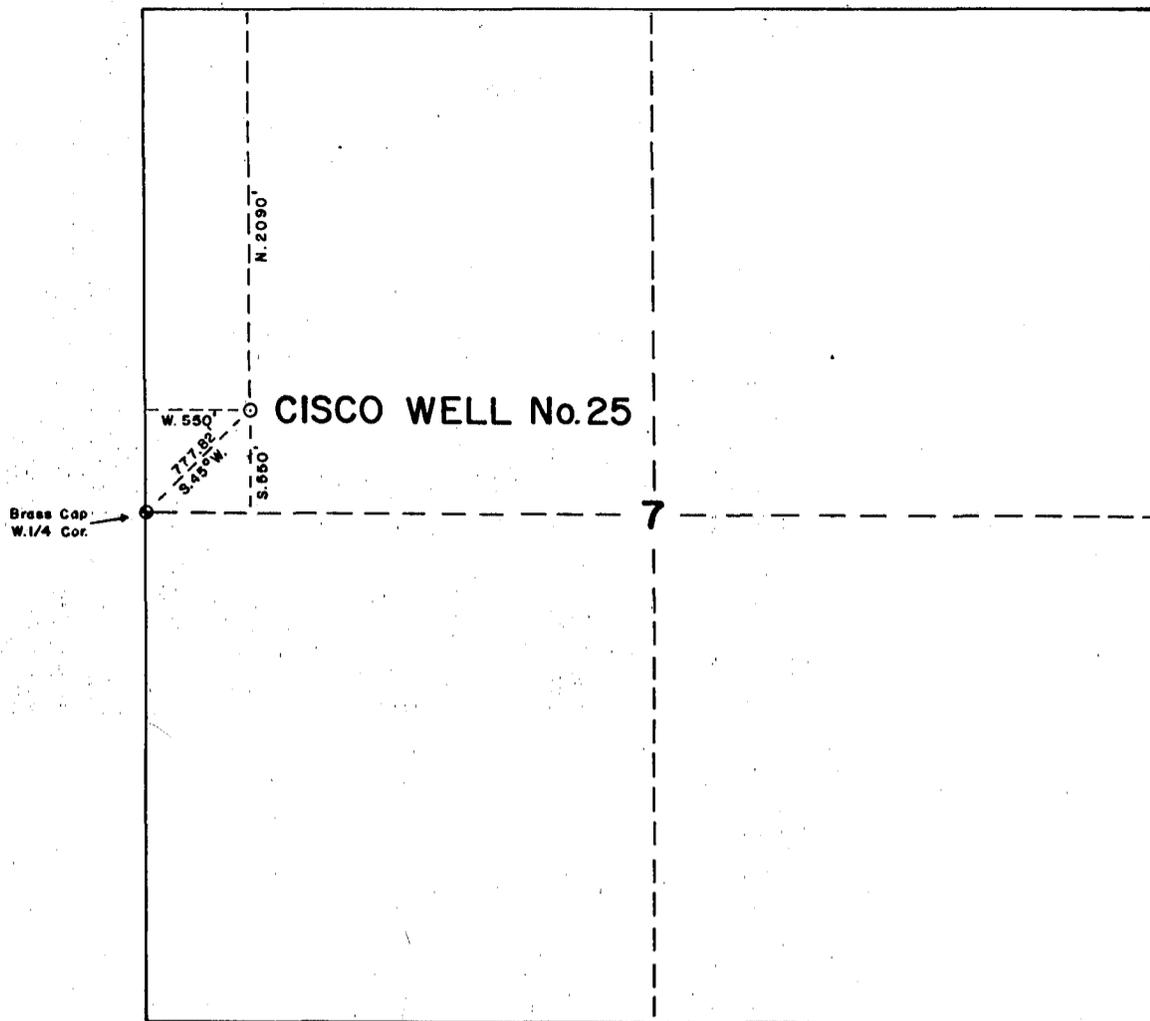
APPROVED BY

TITLE

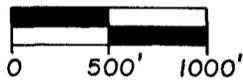
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE  
OF UTAH  
DATE: 3/27/81  
BY: *W.S. Fugate*

MAP A



SCALE: 1"=1000'



CERTIFICATE OF SURVEY

I, EDWARD F. CARPENTER, BEING A REGISTERED LAND SURVEYOR  
 DO HEREBY CERTIFY THAT THE SURVEY OF DRILL SITE LOCATION  
 CISCO WELL #25, IN THE SW 1/4 NW 1/4 OF SECTION 7, T.20S., R.22 E.,  
 SALT LAKE MERIDIAN, GRAND COUNTY, UTAH AND THE PLAT THEREOF  
 WAS MADE UNDER MY SUPERVISION.

*Edward F. Carpenter*  
 EDWARD F. CARPENTER P.E. - L.S. No. 12319



PLAT OF THE <b>CISCO WELL NO. 25</b> GRAND COUNTY, UTAH			
<b>TEMCO LTD.</b> GRAND JUNCTION, COLORADO			
STAKED BY: TEMCO	SCALE: 1"=1000'	DRAWN BY: N.P.B.	JOB NUMBER
SURVEYED BY: TEMCO	DATE: 2/11/80	CHECKED BY: E.F.C.	

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

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator/Project Name Cisco Drilling & Development Co. Federal #25

Project Type Wildcat Oil Test

Project Location 2278' FNL, 492' FWL, Sec. 7, T20S, R22E, Grand County, Utah

Date Project Submitted May 21, 1981

FIELD INSPECTION

Date July 1, 1981

Field Inspection  
Participants

Jim Kyle - Operator representative

Elmer Duncan - 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.

July 21, 1981

Date Prepared

Glenn M. Doyle  
Environmental Scientist

I concur

JUL 30 1981

Date

WT Mantua FOR E. W. GUYNN  
District Supervisor DISTRICT ENGINEER

Environmental  
Onsite Time Analysis

EA/CER No. 466-81 Well No. Cisco Drilling  
Fed. #25  
Location SW 1/4 NW 1/4 Sec. 7 T. 20S R. 22E County Grand State Utah

1. Receive/and Review Surface Use Plan 6/1, 6/2 - 45 minutes
2. Plan and Set-up Onsite ~~EA~~
  - a. Contact to arrange (telephone) 1/2 hr
  - b. Recontacts 1/2 hr
3. Conduct Onsite ~~#~~ 7/1 - 10 a.m. - W. Cisco
  - a. Travel miles to and time ~~#~~ 75 miles - 2 hrs
  - b. Conduct onsite ~~#~~ 3/4 hr
  - c. Prepare/Discuss stipulations \_\_\_\_\_
  - d. Travel miles return and time 75 miles - 2 hrs
4. Prepare Environmental Document 1/2 hr
  - a. Write Document \_\_\_\_\_
  - b. Assemble package and mail \_\_\_\_\_
5. Other Time Attributable to this EA/CER \_\_\_\_\_

6. Remarks (unusual time consumption) onsite delayed by BLM until  
previous sites properly cleaned and rehabilitated.  
Completed on ~~7/21~~ 7/21

Glenn M. Doyle  
Environmental Scientist  
Grand Junction  
Location

STANDARD STIPULATIONS FOR OIL & GAS EXPLORATION

Contact this office at least 48 hours prior to beginning construction of access road and pad.

Stockpile the surface 12 inches to 18 inches of topsoil in a wind-row on the north west quadrant of the location.

The upper banks (uphill side) of all cuts will be rounded during construction of the access road and pad.

Notify the BLM District Archaeologist if cultural material from sub-surface deposits is exposed during the operation.

The trash cage will be at the location and fenced with fine mesh wire during drilling operations.

The "blooey" line will be centered and directed into the pit.

If production is obtained, the access road will be upgraded to BLM specifications for long-term roads as outlined in the surface use standards section of the "Oil and Gas" pamphlet (joint BLM, USGS and USFS publication).

If production is obtained, all production facilities will be painted. (See enclosed suggested colors - for facilities).

Rehabilitation of the site and access road will be accomplished in accordance with the enclosed restoration procedures.

Production facilities and pipeline route are approved on this location under lease rights.

As agreed upon at the Pre-drill field examination -

Access -

- 1) Existing roads, both county and on Lease will be used to get to the location.
- 2) Low water crossings will be installed in each of the drainages.

Location -

- 1) Move well location south 200 feet.
- 2) Rotate rig layout 90 degrees counter clockwise to put pit(s) in "cut" pad portion.
- 3) Pit(s) will be fenced on three sides with 48 inch high woven wire and two strands of barbed wire along the top for support, prior to drilling, and on the fourth side prior to rig removal.
- 4) Surface restoration will start by August 1, 1981 and be finished by August 15, 1981. Seeding will be done by drilling, during the fall of 1981.

- 5) In addition to part 10 "Plans for Restoration of Surface", in your 13 point plan - If the well is completed for production, areas of non-production (from approximately 15 feet outside the deadmen or anchors to the outside of the disturbed surface areas), will be recontoured, ripped, topsoils replaced and seeded in the fall of 1981.

## 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 out, 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.).

SEED MIXTURE

<u>Species</u>		<u>Rate</u>
<u>Grasses</u>		
		<u>lb/ac</u>
Oryzopsis hymenoides	Indian rice grass	1
Hilaria jamesii	Curley grass	1
Elymus cineras	Wildrye	1
<u>Forbs</u>		
Spaeralcea coccinea	Globemallow	1
<u>Shrubs</u>		
Ceretoides lanata	Winterfat	1
Atriplex confertifolia	Shadscale	<u>1</u>
	Total	6



# 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.

Operator: CISCO DRILLING & DEVELOP. Co. Well # 25 SW1NW Sec. 7 T 20S R 22E  
Lease # U-31747 County: GRAND

PER Rec'd: 5-21-81  
Clear. Rec'd: \_\_\_\_\_

Lease Sketch & Abstract:  
On File \_\_\_\_\_ Updated

APD Rec'd: 5-21-81  
APD Resubmitted: \_\_\_\_\_

Lease Information:  
Lessee(s): CISCO Drilling & Develop. INC

APD to ME: 5/22/81  
Rec'd: \_\_\_\_\_

ISS 1-1-76

APD to Mining: w/a  
Rec'd: \_\_\_\_\_

APD to Oil Shale: w/a  
Rec'd: \_\_\_\_\_

Type: 104.15 Acres: 2479.75  
Lease Exp. Date: 12-31-75

Surface Plan to: Bern  
Date Sent: 5/22  
Clear. Rec'd: \_\_\_\_\_  
Arch. Clear Rec'd: \_\_\_\_\_

*Moore  
Doyle*

Operator's Authority: NA  
D/O: NA  
NA  
D/A: \_\_\_\_\_

Environmental Analysis:  
Required # 466-81  
Onsite Date: \_\_\_\_\_  
Results: (Does) (Does Not)

Bonds: S/W 25K  
BOTH

Surface Ownership: PUBLIC  
Rehab/Agree: \_\_\_\_\_

200' Stip: NA  
State Spacing: 102-16B  
CA Required: NA

Ack. Sent: 5/22/81  
Remarks: \_\_\_\_\_

Unit: NA  
POD: NA  
P.A.: NA  
Drlg. Com. Date: NA

Ref. # 37

WELL HISTORY

E Logs: \_\_\_\_\_  
\_\_\_\_\_

1st Prod: YES \_\_\_\_\_ NO \_\_\_\_\_  
Memo Written: \_\_\_\_\_

9-330: \_\_\_\_\_  
\_\_\_\_\_

Drilling Ext: YES \_\_\_\_\_ NO \_\_\_\_\_  
Memo Written: \_\_\_\_\_

Other: \_\_\_\_\_  
\_\_\_\_\_

PROGNOSIS FOR  
CISCO DRILLING & DEVELOPMENT CO.  
CISCO WELL # 25

Location: SW<sub>1</sub>SW<sub>1</sub>NW<sub>1</sub>, Section 7, T20S, R22E, S.L.M., Grand County, Utah.  
550 feet from West line and 2090 feet from North line.

Elevation: 5365 GR

Surface Casing: 150 feet of 8 5/8", 200.00#, K-55, R-3 casing set and cemented with 75 sacks cement with 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	2432	5365
Dakota Silts	2432	103	2830
Dakota Sandstone	2535	105	2725
Cedar Mountain	2640	125	2600
Morrison:			
Brushy Basin Shale	2765	51	2549
Salt Wash Sandstone	2816	300	2249
Summerville/Curtis	3116	220	2029
Entrada Sandstone	3336	50	1979

Total Depth to top of Entrada: 3336 feet.

1. 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 in a manner that will protect surrounding area from fire or blowout. A flare will be maintained at the end of the blewie line at all times.
2. To insure that no gas will be missed a 6 1/2" hole will be drilled below the surface casing, using air for circulation, unless water is encountered; in which event, air-soap-water mist will be used. Air will minimize the damage to hydrocarbon reservoirs.
3. Samples of the cuttings will begin at 2200 feet. 30-foot samples will be taken from 2200' to 2600'. 10-foot samples will be taken from 2600 feet to total depth (T.D.).

4. It is planned to drill the well to a depth which is into the Salt Wash approximately 20 feet above the top of the Entrada formation unless good commercial flow of gas is obtained above this depth. However, it is not planned to drill into the Entrada.

*— APD IS FOR OIL WELL, NOT GAS*

5. If a high gas flow (several hundred thousand 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 (100vis. or over) 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 feet 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 feet 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 approximately one week.

WELL CONTROL EQUIPMENT FOR  
CISCO DRILLING & DEVELOPMENT CO.  
CISCO WELL # 25

The following control equipment is planned for the above designated well:  
(See Exhibit "A".)

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 spec. are: 7" O.D., K-55, 20.00#, 8 rd. thread, R-3 new or used.
- D. Anticipated pressure at setting depth is approximately 20 lbs.
- E. Casing will be run using three centralizers and a guide shoe, and will be cemented with 75 sacks of cement with returns to the surface.
- F. Top of the casing will be at or near ground level.

2. Casing Head

Flange size: 10:, A.P.I.  
Pressure rating: 200# Working Pressure (W.P.), Series 600; Cameron, OCT, or equivalent; new or used; equipped with two 2" ports with nipples and 2", 200# W.P., psi, 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 blow-out preventor is equipped with 2" outlets below the blind rams).

3. Intermediate Casing

None

4. Blowout Preventors (BOP)

- 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 working pressure: Series 900 BOP, equipped with mechanical wheels and rod, set on top of casing head flange and securely bolted down, pressure tested for leaks up to 2000 #psi. For backup a hydraulically operated hy-drill may be used in place of the above BOP, if equipped with 2" outlets below the rams.
- B. Rotating Head: Grant #7060S or equivalent; set on top of blowout preventor and bolted securely; complete with kelly drive, pressure lubricator; 3 1/2" or 4" for 2000# working pressure; if a separate hy-drill or BOP is used, it will be on top of blowout preventor.

C. Fill and Kill Lines: The 2" fill and kill lines (2000 psi) 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 this well unless water is encountered; then air-soap-water mist will be used to drill. 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 3200 ft.

C. Casing Specs. are: 4 1/2" O.D.; K-55, 10.50#' 8-rd threads; R-3, new.

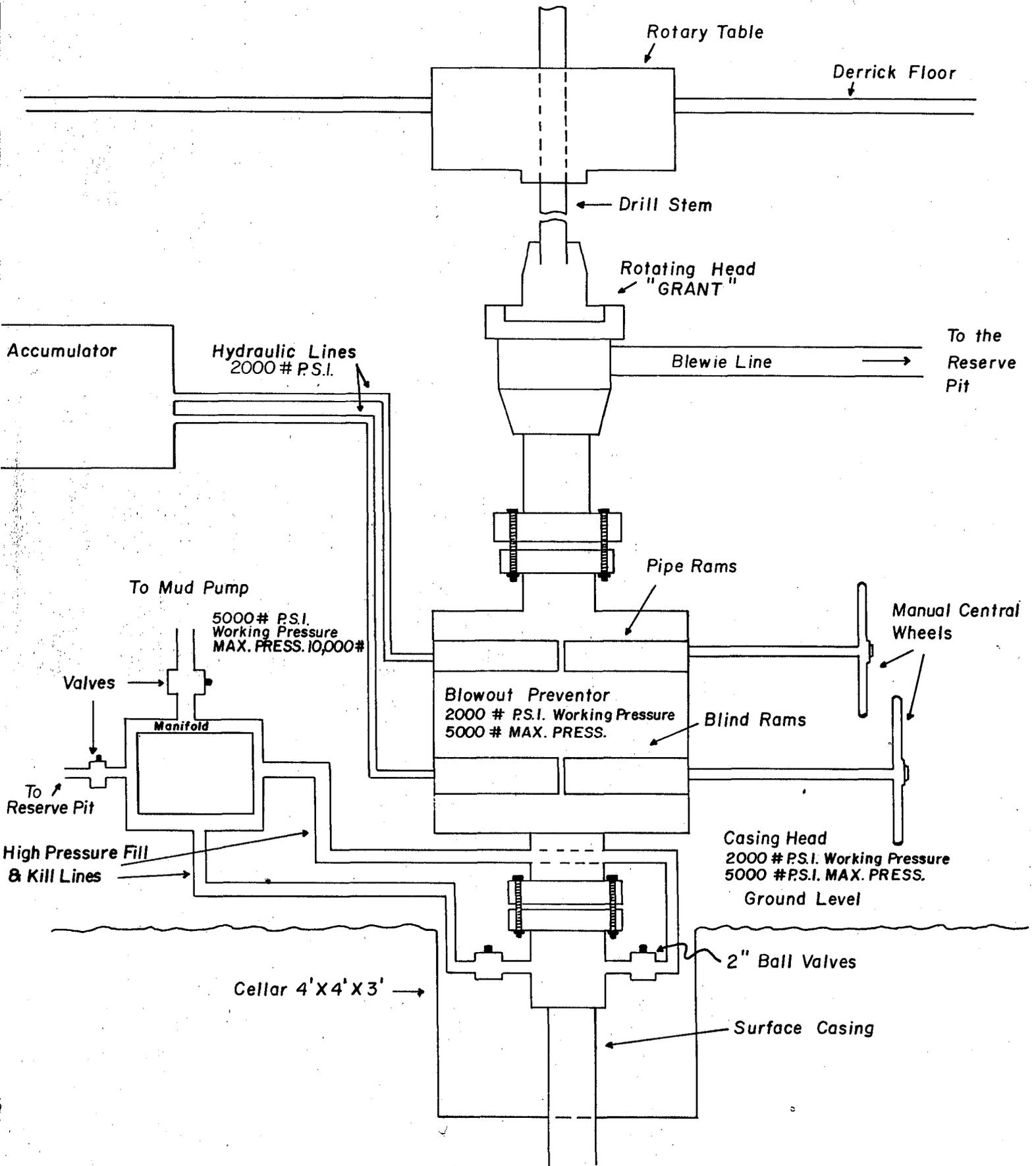
D. If good production is obtained, the casing will be run with a guide shoe at the bottom and about six centralizers and cemented conventionally with sufficient R.F.C. cement to cover 200 ft. above the top of the Dakota formation. The production zone will be perforated. 2 3/8" O.D. tubing will be run, 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 in "E" 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 saks of cement (sufficient to cement thru the Dakota formation). The cement will be allowed to cure at least 48 hours. 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.

# EXHIBIT A

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

CISCO WELL # 25  
SW 1/4 NW 1/4 Sec. 7, T.20S., R.22E.  
SALT LAKE MERIDIAN



4 44.64 3 45.86 2 45.80 1 45.75 4 45.63 3 45.45 2 45.27 1 45.09 4 45.87 3 44.62 2 44.36 1 44.11 4 43.5

5 39.02

6 39.14

7 39.26

39.37

2 39.47

3 39.57

39.67

39.75

2 39.83

3 39.89

39.97

40.03

40.10

40.16

40.23

6

5

4

8

9

7

18

17

16

19

20

21

U31746  
OG Lse

U31747  
OG Lse

U37730  
OG Lse

U26035  
OG Lse

43-65-0220

U37932 U12702A

U37730

#25  
CSC

SURFACE USE PLAN  
CISCO DRILLING & DEVELOPMENT CO.  
CISCO WELL # 25

1. EXISTING ROADS - Area Map "B" is a reproduction of portions of Sego Canyon, Cisco Springs Quadrangles

- PLAT**
- A. Map "A" shows the proposed well site as staked. Well site and directional reference stakes have been set and flagged during our on-site field survey work.
- B. From the West Cisco exit off Interstate 70, proceed east on state road 347 approximately 1 mile, to existing county road. Proceed northwesterly along this road a distance of approximately 13 miles to intersection with dirt road located in NW $\frac{1}{4}$  of Section 25, T20S, R21E. Turn right on access road which is about 100 yards SE of of corrals, through gate and proceed on marked access road to location.
- C. Access roads to the location are labeled on Map "B". Existing access roads are completed to location site, (see Map "B").
- D. This is an exploratory well. Existing public and ranch roads within a three mile radius are shown on Map "B", they consist of a sandy-dirt surface.
- E. The existing roads are in excellent condition and are being up-graded to meet requirements of the BLM.

*?*  
→ PLEASE EXPLAIN <sup>LOW WATER CROSSINGS AND ADVERT ACCORDING TO</sup> specifications of govt.

2. ACCESS ROAD (No new roads are planned)

- A. The width of the existing road is about 12 feet and is not expected to be wider than 16 feet.
- B. The maximum grades are less than 5%.
- C. No turnouts will be necessary on the access road. Since this location is on the existing access road to Section 6, T20S, R22E, an access will be kept open across or around the location.
- D. There will be no ditches or water turnouts necessary since the main access roads are already established in this area.
- E. One culvert is in place and all cuts and fills have been completed and approved on the existing access road. (SEE MAP "B")
- F. No surfacing materials for the access roads will be required.  
*- NATIVE SOILS*
- G. There is one low water crossing on the approach road, shown on Map "B".
- H. The location is adjacent to the existing access road as shown on Map "B". A stack area 150' x 150' is requested to be located south of pad as shown on Map "B".

*NOT SHOWN ON MAP "B"*



3. LOCATION OF EXISTING WELLS WITHIN TWO MILE RADIUS

- A. Water wells - None
- B. Abandoned wells - See Map "B".
- C. Temporarily abandoned wells - None
- D. Disposal wells - None
- E. Drilling wells - See Map "B".
- F. Producing wells - See Map "B".
- G. Shut-in wells - See Map "B".
- F. Injection wells - None
- G. 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. If the well is unsuccessful a plan for production is submitted on Exhibit "C". This location should stay within the boundary of the proposed well pad. The dimensions of the pad are 150' x 200'. 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 backfilling and restoration.
- C. Areas not needed for production equipment will be surface graded, contoured and reseeded to normal topography in accordance with restoration plan of BLM.

GRAVEL PAD -  
FOR H-T OR  
DEHY UNITS?

5. LOCATION AND TYPE OF WATER SUPPLY

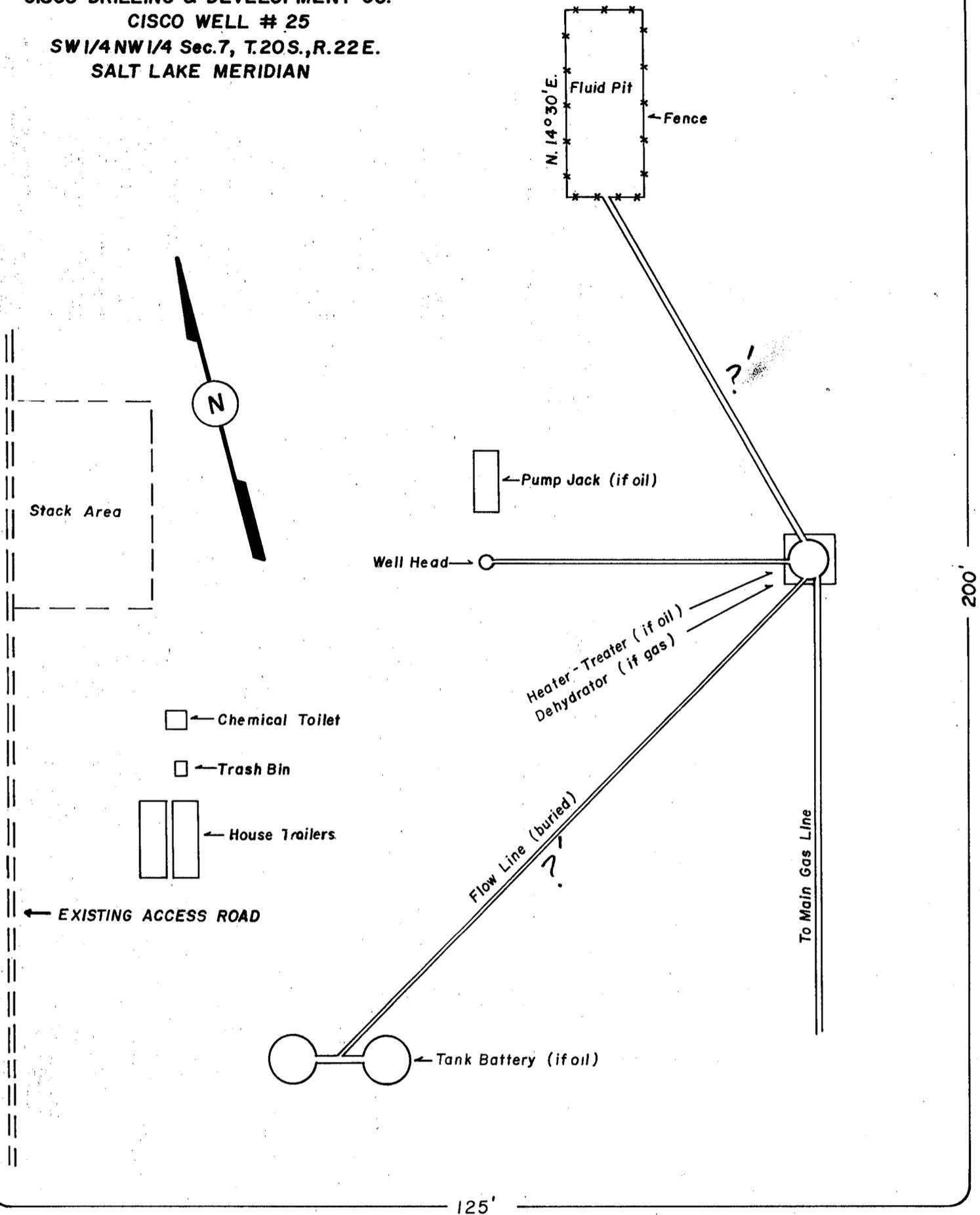
Since the proposed well is to be drilled with air for circulation, very little water will be required. The water needed will be hauled by truck to the location by Colorado Pacific Drilling Co. (see Exhibit D), located in Grand Junction, Colorado. They will get their water by permit from Ambra Oil & Gas ~~or from the Colorado River.~~ No water well will be drilled on this location.

6. SOURCE OF CONSTRUCTION MATERIALS

No additional road material, gravel, sand or culverts will be required. There is one low water crossing on the approach road to this well. All existing 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 rights are U.S. Government owned.

# EXHIBIT C

PLAN FOR PRODUCTION EQUIPMENT  
CISCO DRILLING & DEVELOPMENT CO.  
CISCO WELL # 25  
SW 1/4 NW 1/4 Sec. 7, T. 20 S., R. 22 E.  
SALT LAKE MERIDIAN



# 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

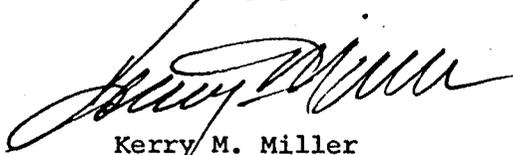
ATTN: Jim Kyle

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

Exhibit "D"

7. METHODS FOR HANDLING WASTE DISPOSAL

A reservoir and burn pit will be constructed at the well site as shown on Exhibit "B". All excess water, mud, and drill cuttings will be deposited into the reservoir pit. All material and garbage will be put into the wire covered 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 Exhibit "B". 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 disposed of as recommended by government inspectors prior to covering the reservoir pit. The reservoir pit will also be fenced on three sides <sup>pick to</sup> during drilling and will be fenced on the fourth side and overhead flagging installed after drilling is completed and prior to filling.

*FINE MESH*

8. ANCILLARY FACILITIES

No camp facilities other than one or two house trailers located in the stack area or well pad area. 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 Exhibit "B". 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 a 150' x 200' area which slopes from the north to the south. The topsoil will be stockpiled in the SE side of this drill site away from the blewie line. A cross section of this area is provided in Exhibit "E". The maximum cut will be 6 ft. along the north end and filled on the south end as shown on Cut & Fill diagram (Exhibit E).

*good*

10. PLANS FOR RESTORATION OF SURFACE

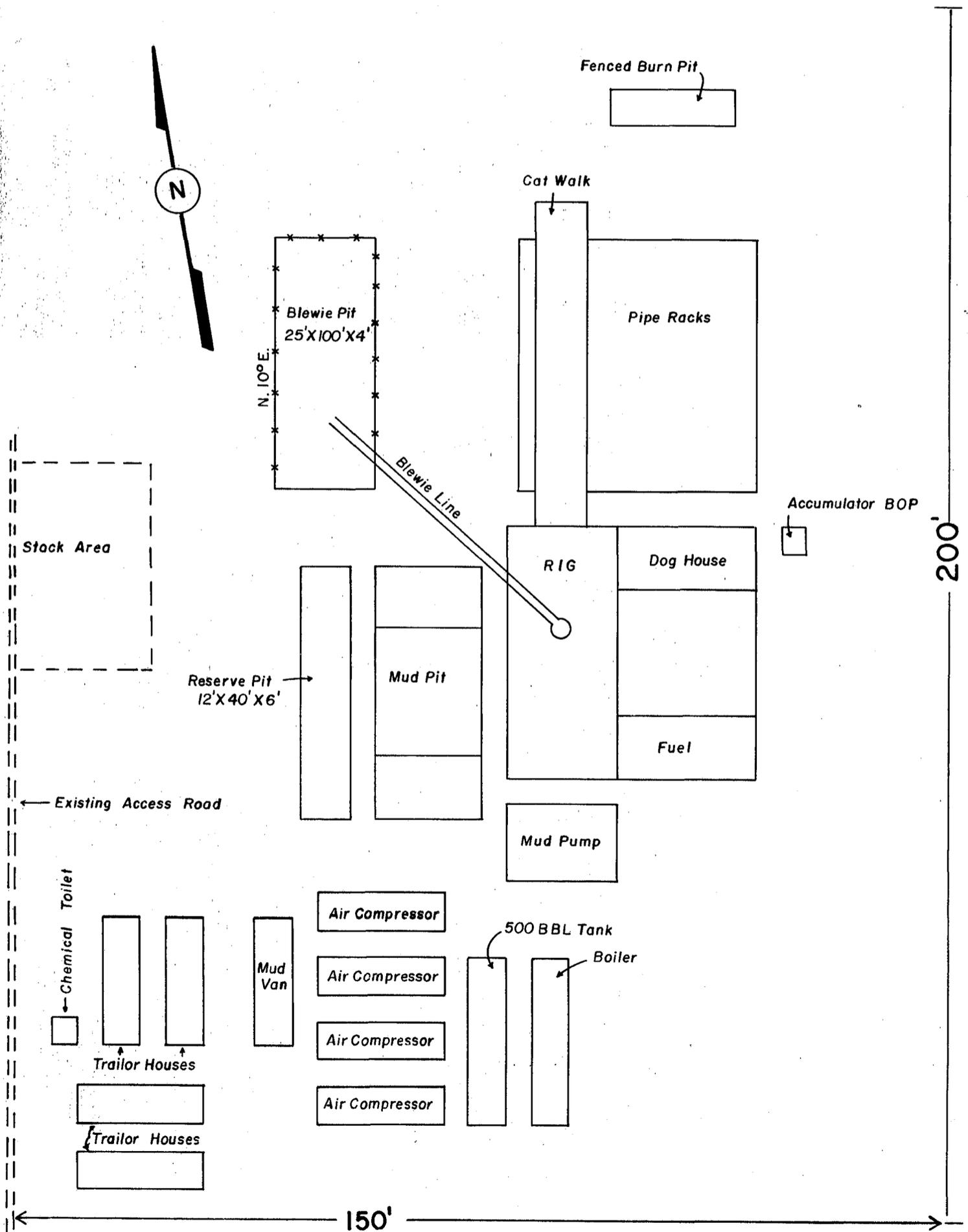
After drilling operations have been completed, and the equipment removed, the well site will be cleared, rat hole and mouse hole filled in; the cellar filled in around well marker or well head; the location and roads leveled and restored to the normal topography; top soil spread back over the location and reseeded if the well is non-productive. If the well is completed for production, the location will be cleaned and leveled for the production equipment; oil in pits will be disposed of as recommended and the pits will be folded in and leveled. This work will be completed as soon as possible after the drilling equipment has been removed. When drilling is completed, we will reseed by drill during the spring.

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

↑  
?

**EXHIBIT B**  
**CISCO DRILLING & DEVELOPMENT COMPANY**  
**CISCO WELL # 25**  
**SW1/4NW1/4 Sec.7, T.20S, R.22 E.**  
**SALT LAKE MERIDIAN**



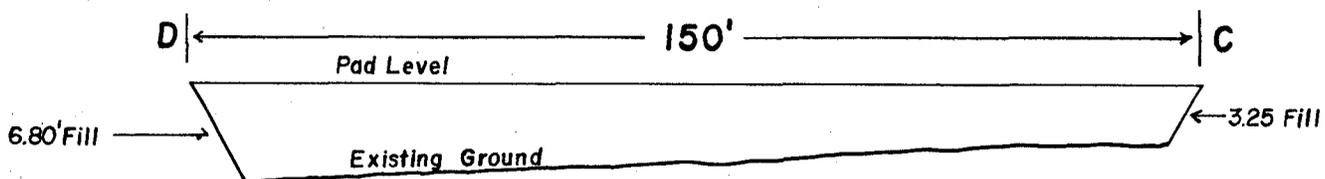
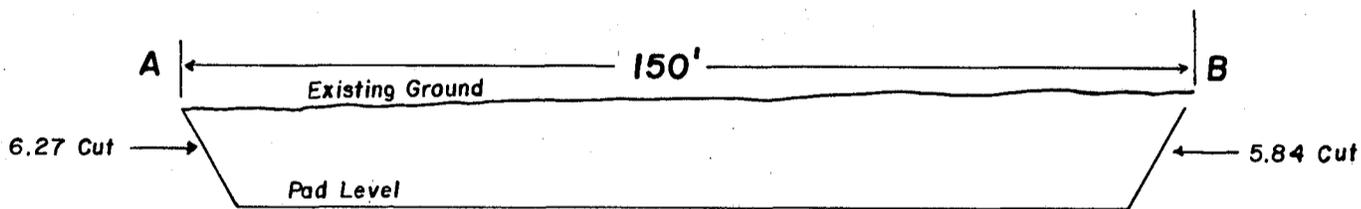
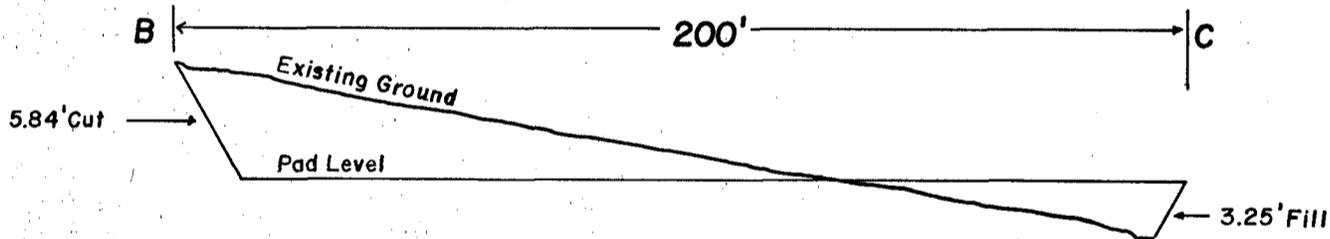
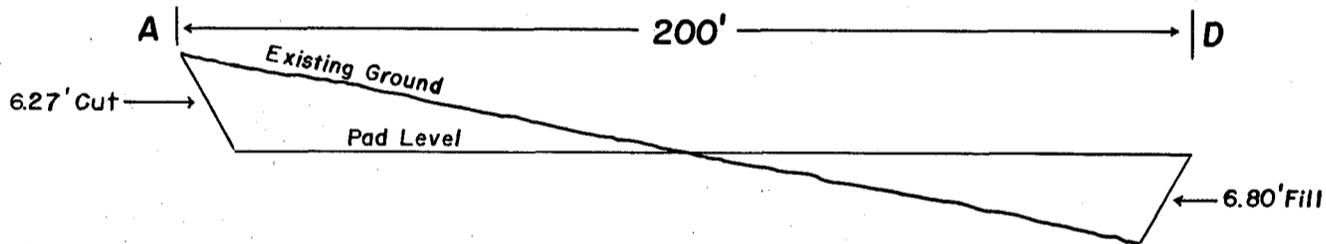
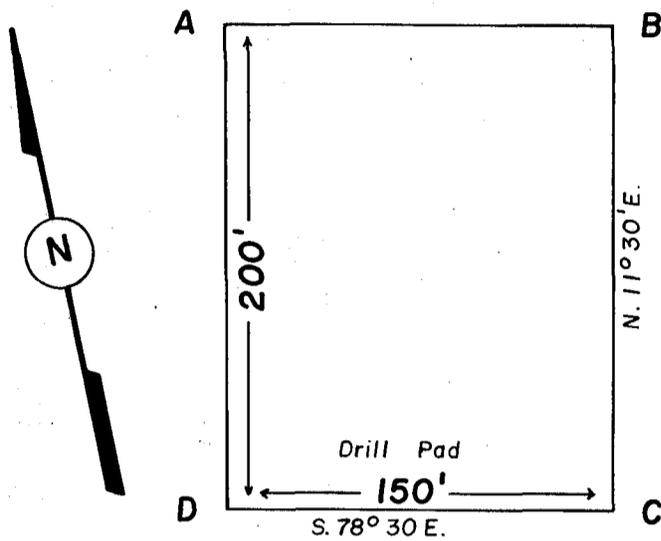
# EXHIBIT E

CISCO DRILLING & DEVELOPMENT COMPANY

CISCO WELL # 25

SW1/4 NW1/4 Sec. 7, T. 20S., R. 22 E.

SALT LAKE MERIDIAN



insect, rodent and reptile populations. Enclosed archaeological report indicates no archeologically, historical or cultural values in the area. There are no occupied dwellings in the area. The surface and mineral ownership are both held by the United States Government.

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

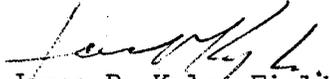
James P. Kyle  
840 Rood Ave.  
Grand Junction, CO 81501  
(303) 245-3505

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site 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 operations proposed herein will be performed by Cisco Drilling & Development Company, Inc. and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

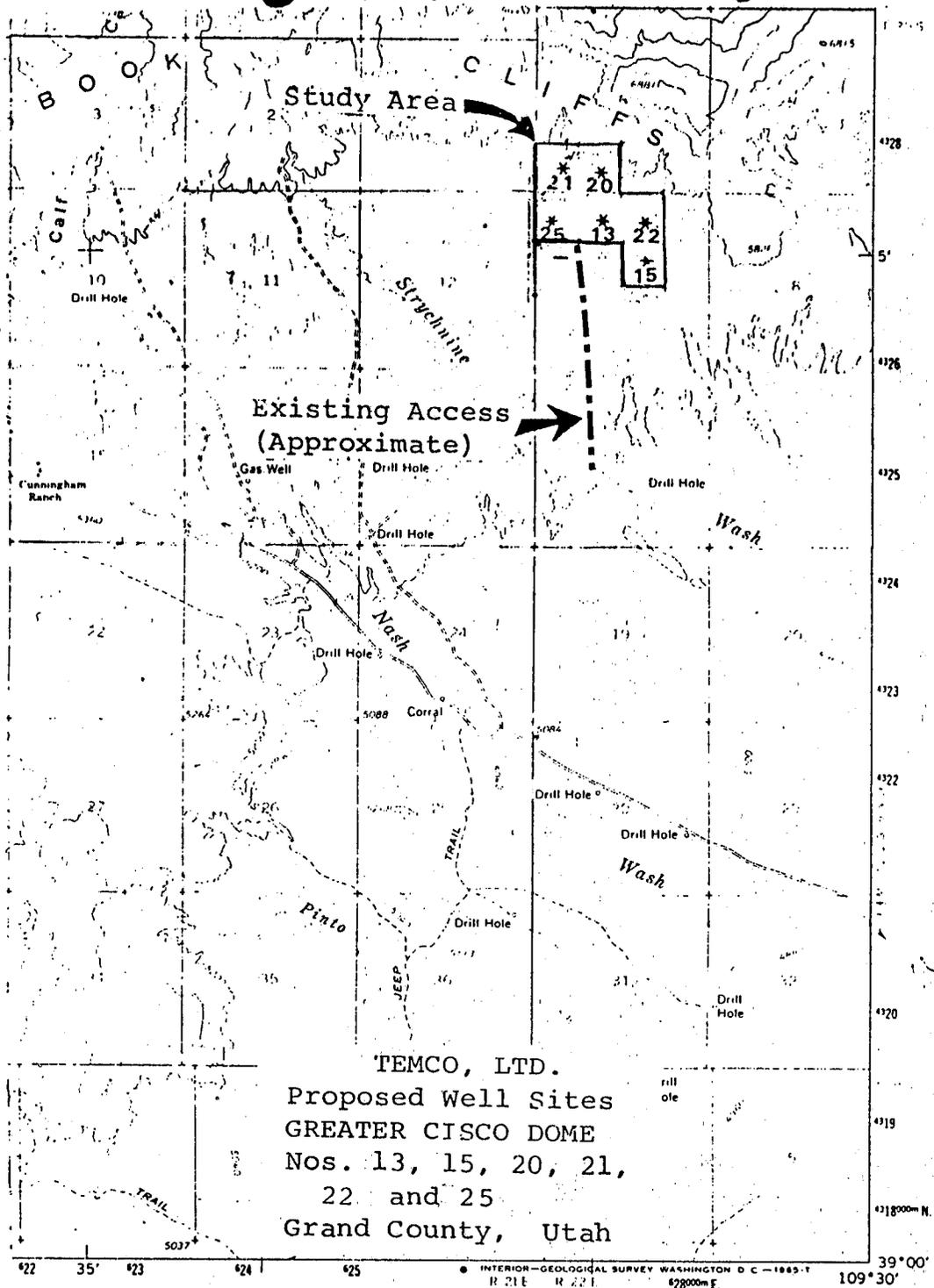
4/30/81

Date

  
James P. Kyle, Field Representative

Name & Title





TEMCO, LTD.  
 Proposed Well Sites  
 GREATER CISCO DOME  
 Nos. 13, 15, 20, 21,  
 22 and 25  
 Grand County, Utah

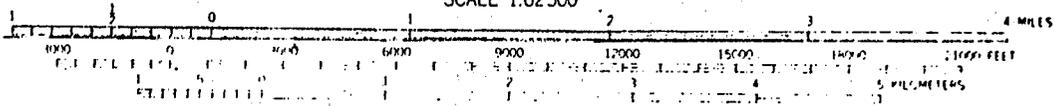
INTERIOR—GEOLOGICAL SURVEY WASHINGTON D C—1963-T  
 R 21E R 22E 628000m E 109° 30'

ROAD CLASSIFICATION  
 Light duty  
 Unimproved dirt  
 ( ) State Route

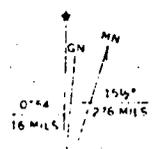


SEGO CANYON, UTAH  
 N3900—W10930/15

1963  
 SCALE 1:62500



CONTOUR INTERVAL 80 FEET  
 DOTTED LINES REPRESENT 40 FOOT CONTOURS  
 DATUM IS MEAN SEA LEVEL



# TEMCO, Ltd.

Landmen  
Drilling  
Claim Staking  
Oil Field Service  
Energy Properties

840 Rood Ave. (303) 245-2300  
Grand Junction, Colo. 81501

**RECEIVED**  
JUL 26 1981

DIVISION OF  
OIL, GAS & MINING

July 2, 1981

State of Utah  
Division of Oil, Gas & Mining  
1588 West North Temple  
Salt Lake City, UT 84116

RE: Lease # U31747  
Cisco Drilling & Development  
Cisco Well # 25  
SW $\frac{1}{4}$ NE $\frac{1}{4}$ , Sec. 7  
T20S R22E SLM  
Grand County, UT

*Note: Kathy - I added  
this copy of my letter  
sent to you July 2.  
Jim*

Gentlemen:

Due to drainage problems caused by the terrain, USGS and BLM have moved the location of the oil well named above to a point 200 feet south of the original location.

This places the well approximately 325 feet north and 550 feet east of the lease lines.

It appears that this location is permissible if Cause No. 2, Cause No. 102-5, and Cause No. 102-16 as revised in Field Rule 2-2 still applies.

In any event we need your permission to locate the well site as determined by the Federal Government.

Very truly yours,

TEMCO, Ltd.

*James P. Kyle*  
James P. Kyle  
Field Representative

*Ed Beck*

JPK/cmr

LAW OFFICES OF  
VAN COTT, BAGLEY, CORNWALL & McCARTHY

A PROFESSIONAL CORPORATION  
SUITE 1600  
50 SOUTH MAIN STREET  
SALT LAKE CITY, UTAH 84144  
TELEPHONE (801) 532-3333

DENNIS McCARTHY  
LEONARD J. LEWIS  
DAVID E. SALISBURY  
GRANT MACFARLANE, JR.  
MAX B. LEWIS  
M. SCOTT WOODLAND  
NORMAN S. JOHNSON  
ROBERT M. ANDERSON  
DAVID L. GILLETTE  
RICHARD K. SAGER  
STEPHEN D. SWINDLE  
ROBERT D. MERRILL  
RICHARD H. STAHLER  
ALAN F. MECHAM  
BRENT J. GIAUQUE  
E. SCOTT SAVAGE

DENNIS B. FARRAR  
CHRIS WANGSGARD  
JOHN S. KIRKHAM  
KENNETH W. YEATES  
RAND L. COOK  
JOHN A. SNOW  
DAVID A. GREENWOOD  
MAXILIAN A. FARBMAN  
ARTHUR B. RALPH  
BRENT M. STEVENSON  
ALAN L. SULLIVAN  
ROBERT K. ROGERS  
J. RAND HIRSCH  
ROBERT A. PETERSON  
JAMES A. HOLTAMP

J. KEITH ADAMS  
WILLIAM B. WRAY, JR.  
PATRICK A. SHEA  
DAVID K. DETTON  
JEANNE HENDERSON  
ANN L. WASSERMANN  
DANNY C. KELLY  
RICHARD H. JOHNSON, II  
SAMUEL O. GAUFIN  
H. MICHAEL KELLER  
J. SCOTT LUNDBERG  
STEVEN D. WOODLAND  
GREGORY K. ORME  
DARRELL R. LARSEN

JEFFREY E. NELSON  
PATRICIA M. LEITH  
KATE LAHEY  
PHILLIP WM. LEAR  
ROBERT F. HILL  
THOMAS T. BILLINGS  
DAVID J. JORDAN  
ERVIN R. HOLMES  
MICHAEL N. EMERY  
A. JAYNNE ALLISON  
JEFFREY C. COLLINS  
ROBERT D. SHERLOCK  
THOMAS A. ELLISON  
BRENT D. CHRISTENSEN

July 23, 1981

BENNETT, HARKNESS & KIRKPATRICK  
1874-1890

BENNETT, MARSHALL & BRADLEY  
1890-1896

BENNETT, HARKNESS, HOWAT  
SUTHERLAND & VAN COTT  
1896-1902

SUTHERLAND, VAN COTT & ALLISON  
1902-1907

VAN COTT, ALLISON & RITER  
1907-1917

VAN COTT, RITER & FARNSWORTH  
1917-1947

OF COUNSEL  
CLIFFORD L. ASHTON  
GEORGE M. McMILLAN

**RECEIVED**  
JUL 26 1981

**DIVISION OF  
OIL, GAS & MINING**

HAND DELIVERED

Division of Oil, Gas, and Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

Attention: Debbie Beauregard

Re: Lease #U31747  
Cisco Drilling & Development  
Cisco Well #25  
SW $\frac{1}{4}$ NE $\frac{1}{4}$ , Sec. 7  
T20S R22E SLM  
Grand County, Utah

Gentlemen:

We are transmitting to you USGS Form 9-311C, Application for Permit to Drill Cisco Federal #25 Well in the NW $\frac{1}{4}$  of Section 7, Township 20 South, Range 22 East, SLM. The APD is submitted on behalf of Cisco Drilling & Development, Inc. and is a resubmittal of that APD by virtue of the District Engineer's decision to move the well location 200 feet south of the original location.

We have arranged with USGS to obtain from you an executed copy of the Permit which we will hand deliver to the Salt Lake District Office of the USGS. Please telephone the undersigned when the Permit has been approved and our courier will deliver the same to the USGS. We are also providing you a photocopy for your files. Please note that all supporting documents from the USGS pertaining to the Categorical Exclusion

Division of Oil, Gas, and Mining  
July 23, 1981  
Page Two

Review, the Standard Stipulations for Oil and Gas Exploration, and the Environmental Onsite Time Analysis, together with USGS interoffice correspondence is provided as well. We would appreciate your expeditious review of this change application.

Very truly yours,

A handwritten signature in cursive script that reads "Phillip Wm. Lear". The signature is written in dark ink and is positioned above the typed name.

Phillip Wm. Lear

PWL:al  
Encls.

cc: Mr. James P. Kyle  
Roman F. Garbacik, Esq.  
Mr. Edward Bacchiocchi

# Speed Message

To State of Utah, Division of Oil Gas & Mining

From TEMCO, Ltd.

1588 West North Temple

840 Rood Ave.

Salt Lake City, UT 84116

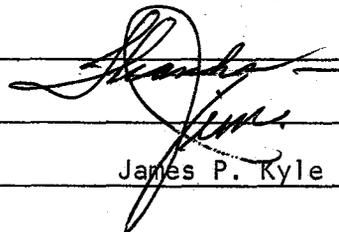
Grand Junction, CO 81501

Subject ATTN: Debbie - Oil Well Permit Section

Date July 23 19 81

Dear Debbie:

This came back to our office. I am sending it to you to attach to our application for permit to drill Cisco # 25.



James P. Kyle

**RECEIVED**

JUL 27 1981

DIVISION OF  
OIL, GAS & MINING

Signed \_\_\_\_\_

# TEMCO, Ltd.

Landmen  
Drilling  
Claim Staking  
Oil Field Service  
Energy Properties

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

July 2, 1981

State of Utah  
Division of Oil, Gas & Mining  
1588 West North Temple  
Salt Lake City, UT 84116

**RECEIVED**

JUL 06 1981

RE: Lease # U31747  
Cisco Drilling & Development  
Cisco Well # 25  
SW $\frac{1}{4}$ NE $\frac{1}{4}$ , Sec. 7  
T20S R22E SLM  
Grand County, UT

DIVISION OF  
OIL, GAS & MINING

Gentlemen:

Due to drainage problems caused by the terrain, USGS and BLM have moved the location of the oil well named above to a point 200 feet south of the original location.

This places the well approximately 325 feet north and 550 feet east of the lease lines.

It appears that this location is permissible if Cause No. 2, Cause No. 102-5, and Cause No. 102-16 as revised in Field Rule 2-2 still applies.

In any event we need your permission to locate the well site as determined by the Federal Government.

Very truly yours,

TEMCO, Ltd.

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

DATE: 7/21/81

BY: [Signature]

James P. Kyle  
Field Representative

**RECEIVED**

JUL 27 1981

JPK/cmr

DIVISION OF  
OIL, GAS & MINING

\*\* FILE NOTATIONS \*\*

DATE: July 29, 1981

OPERATOR: Cisco Drilling & Development Company

WELL NO: Cisco Federal #25

Location: Sec. 7 T. 20S R. 22E County: Grand

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-019-30862

CHECKED BY:

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

Director: OK as per order issued in Case 102-37  
per Aug 27, 1981

Administrative Aide: OK as per order Below

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. 102-37

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 Fed

Plotted on Map

Approval Letter Written

Hot Line

P.I.

TEXAS OIL & GAS CORP.

1800 LINCOLN CENTER BUILDING  
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

August 5, 1981

State of Utah  
Division of Oil, Gas and Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

Attn.: Mr. Mike Minder

Re: Cisco Federal #2  
Township 20 South, Range 22 East  
Section 7: 500' FWL - 2278' FNL  
Grand County, Utah

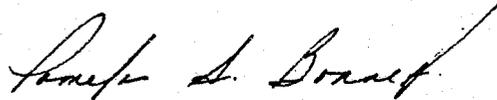
Gentlemen:

*J.P. Kyle*  
This letter is to confirm our telephone conversation of July 30, 1981. At that time you indicated that due to the topography of the area it was necessary to locate the captioned well in violation of Spacing Order Cause No. 149-10.

Texas Oil & Gas Corp., as lessee of Federal Lease No. U-41075, T20S-R22E-Section 7, Grand County, Utah, hereby consents to the captioned location for the Cisco Federal #2 well.

Very truly yours,

TEXAS OIL & GAS CORP.



Pamela S. Bonnett  
Landman

PSB:lbc

TEXAS OIL & GAS CORP.

1800 LINCOLN CENTER BUILDING  
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

August 5, 1981

Temco Limited  
840 Rude Avenue  
Grand Junction, CO 81501

Attn.: Mr. James P. Kyle

Re: Cisco Federal #2  
Sec. 7-T205-R22E  
Grand County, Utah

Gentlemen:

Please find enclosed a copy of the letter sent to Mike Minder, State of Utah, Division of Oil, Gas & Mining, confirming our July 30, 1981, telephone approval of the location for the captioned well.

We look forward to receipt of the logs from the agreed upon wells, and wish you success in your drilling venture.

Very truly yours,

TEXAS OIL & GAS CORP.



Pamela S. Bonnett  
Landman

PSB:lbc

Encls.

No card file

M

# TEMCO, Ltd.

Texas Oil & Gas

Cisco Drilling

Landmen  
Drilling  
Claim Staking  
Oil Field Service  
Energy Properties

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

August 10, 1981

Ms. Pamela S. Bonnett  
~~Texas Oil & Gas Corp.~~  
1800 Lincoln Center Bldg.  
Denver, CO 80264

RECEIVED

AUG 13 1981

DIVISION OF  
OIL, GAS & MINING

RE: Cisco #25  
Sec. 7 SW $\frac{1}{4}$ NW $\frac{1}{4}$   
T20S R22E

Dear Pamela:

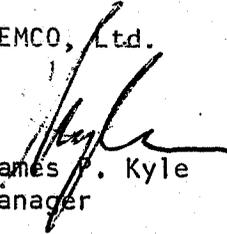
Thank you for sending me a copy of your letter to Mike Mender,  
Division of Oil, Gas & Mining, Utah.

The designation of the well is in error. The well number is  
Cisco #25 instead of Federal #2. It is so easy to misunderstand  
phone calls. I should have verified this information when I  
returned to Grand Junction. I will send Mike a copy of this  
letter which should suffice in identifying the well to be drilled  
on the above location.

Thank you again for your assistance. Please let me know if I can  
be of help to you in this area. You will receive copies of the logs  
on Cisco #25 and #21.

Sincerely,

TEMCO, Ltd.

  
James P. Kyle  
Manager

JPK/cmr

cc: R. Garbacik  
L.M. Minder, Utah Oil & Gas

October 19, 1981

Cisco Drilling & Development Company  
840 Rood Ave.  
Grand Junction, Colo. 80501

RE: Well No. Cisco Federal #25,  
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-~~305~~ dated August 27, 1981.

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 43-019-30862.

Sincerely

DIVISION OF OIL, GAS AND MINING

  
Cleon B. Feight  
Director

CBF/db  
CC: USGS

NOTICE OF SPUD

~~Sub #1~~  
CWS  
Dilg +  
Bev

Caller: George Nayla  
Phone: \_\_\_\_\_

Well Number: CISCO #25

Location: SWNW 7 205-22E

County: Grand State: Utah

Lease Number: U-31747

Lease Expiration Date: \_\_\_\_\_

Unit Name (If Applicable): \_\_\_\_\_

Date & Time Spudded: 12:00 p.m. 11-4-81

Dry Hole Spudder (Rotary): Utah East Oil 3

Details of Spud (Hole, Casing, Cement, etc.) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Rotary Rig Name & Number: \_\_\_\_\_

Approximate Date Rotary Moves In: \_\_\_\_\_

FOLLOW WITH SUNDRY NOTICE

Call Received By: Jm

Date: 11-3-81



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

21  
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:

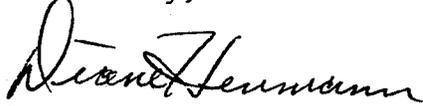
RE: See attached page for list of wells

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.

RECEIVED  
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



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

April 13, 1983

Cisco Drilling Company  
Oak Oil & Gas Company, Inc.  
27 Meriden Avenue  
Southington, Connecticut 06489

Re: Well No. Cisco Federal # 25  
Sec. 7, T. 20S, R. 22E.  
Grand County, Utah  
(January- March 1983)

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject well.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

We will be happy to acknowledge receipt of 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 firm 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  
Enclosure

Board/Charles R. Henderson, Chairman • John L. Bell • E. Steele McIntyre • Edward T. Beck  
Robert R. Norman • Margaret R. Bird • Herm Olsen



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

September 20, 1983

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

# 2nd NOTICE

Re: Well No. Cisco Federal # 25  
2278' FNL, 500' FWL  
SW NW, Sec. 7, T. 20S, R. 22E.  
Grand County, Utah  
(January 1983 - August 1983)

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject well.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U. S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

\*\*You are in violation with the above rule. If you wish to continue developing business in the State of Utah, compliance with pertinent rules and regulations is essential. Further delay in your attention to this matter may result in punitive action. Please submit the required information as stated above within fifteen (15) days.

*Copy of this  
letter sent to  
P.L. Driscoll  
2/1/84  
g.*

Respectfully,

DIVISION OF OIL, GAS AND MINING

*Cari Furse*

Cari Furse  
Well Records Specialist

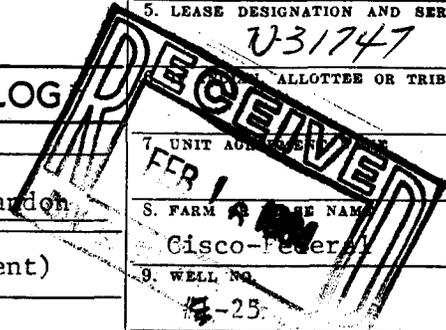
CF/cf  
Enclosure

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

5. LEASE DESIGNATION AND SERIAL NO. U-31747

ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG



1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

7. UNIT ADDRESS

8. FARM OR RANCH NAME

Cisco-Refer

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Cisco Dome

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 7

Twp20S Rge22E

12. COUNTY OR PARISH

Grand Utah

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other Plug & Abandon

2. NAME OF OPERATOR  
Oak Oil and Gas Co. (Cisco Drilling and Development)

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface SW 1/4 NW 1/4 (2278 FNL & 500' FWL)

At top prod. interval reported below As above  
At total depth As above

14. PERMIT NO. 43-019-30862 DATE ISSUED

15. DATE SPUDDED Aug. 1981 16. DATE T.D. REACHED Sept. 1981 17. DATE COMPL. (Ready to prod.) \_\_\_\_\_ 18. ELEVATIONS (DF, RKB, BT, GR, ETC.)\* \_\_\_\_\_ 19. ELEV. CASINGHEAD \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD 3100' 21. PLUG, BACK T.D., MD & TVD 2800' (Fish) 22. IF MULTIPLE COMPL., HOW MANY? \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS 0 to T.D. CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
NONE -- Dry Hole 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
None ran---objective depth never reached 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	20 lb/ft	161'	9 7/8"	100 sacks with Returns	None.

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
		NONE				none	none

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
NOT PERFORATED	NO TREATMENT

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
No Prod.		P. E. A.					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED Patrick K. Sinsell TITLE Consultant DATE Feb. 11, 1984

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
<p><b>37. SUMMARY OF POROUS ZONES:</b> SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES</p>						
<p><b>38. GEOLOGIC MARKERS</b></p>						

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

PRINT IN TRIPLICATE  
Other instructions on  
reverse side)

5. LEASE DESIGNATION AND SERIAL NO.  
U-31747

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Cisco-Federal

9. WELL NO.  
3-25

10. FIELD AND POOL, OR WILDCAT  
Cisco Dome

11. SEC., T., R., M., OR BLK. AND  
SUBVY OR AREA  
Section 7 T20S R22E

12. COUNTY OR PARISH  
Grand

13. STATE  
Utah

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. OIL WELL  GAS WELL  OTHER  DRY HOLE

2. NAME OF OPERATOR  
Oak Oil and Gas Co. (Cisco Drilling and Development)

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 NW 1/4 (2278' PNL & 500' FWL)

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, XT, GR, etc.)

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

NOTICE OF INTENTION TO:

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

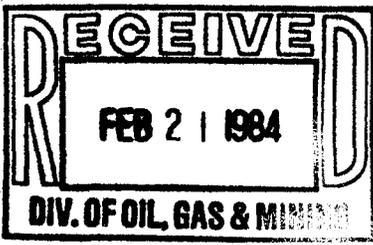
(Other) \_\_\_\_\_

(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.)

This well was drilled to 3100 feet with equipment owned by Utah Gas & Oil Co. They had severe monetary problems and a direct result of this was the fact they became stuck in the hole at 3100'. Ten (10) drill collars were left in the hole prior to the rig failing completely. A rig belonging to Starner Drilling Co. was eventually moved in and rigged up. They were unsuccessful in recovering the lost drill collars and subsequently plugged and abandoned the well. A fifty (50) sack plug of Class H cement was set on top of the fish at approximately 2800' and the top of the plug is estimated to be at 2650'. From this point to 200' the wellbore was filled with heavy drilling mud. A twenty-five sack plug was placed from 200' up and into the surface pipe. The surface pipe was filled with heavy mud to 25'. A ten (10) sack plug was set from 25' to the surface. A dry hole marker was erected, the pits filled and the location recontoured.

Above information received from Starner Drilling Co.



APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: \_\_\_\_\_  
BY: \_\_\_\_\_

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

SIGNED Frank D. Russell TITLE Consultant DATE 2/13/84

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: