

UTAH OIL AND GAS CONSERVATION COMMISSION

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

DATE FILED **3-10-80**

LAND FEE & PATENTED _____ STATE LEASE NO. _____ PUBLIC LEASE NO. **U-37668** INDIAN _____

DRILLING APPROVED **3-14-80**

SUDDEN IN _____

COMPLETED: _____ PUT TO PRODUCING _____

INITIAL PRODUCTION: _____

GRAVITY API _____

GOR _____

PRODUCING ZONES _____

TOTAL DEPTH: _____

WELL ELEVATION: _____

DATE ABANDONED **11-12-80** Location Abandoned - Well Never Drilled

FIELD: **LITTLE VALLEY 3/86**

UNIT: _____

COUNTY: **SAN JUAN**

WELL NO. **FEDERAL # 1-17**

API # **43-037-30538**

LOCATION **1000'** FT. FROM ~~W~~ (S) LINE. **1000'**

FT. FROM (E) ~~W~~ LINE. **SE SE**

1/4 - 1/4 SEC. 17

TWP	RGE.	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
				30S	25E	17	CORDILLERA CORP.

REGISTRATION			
Entered in NID File	<input checked="" type="checkbox"/>	Checked by Chief	_____
Entered On SR Sheet	_____	Copy NID to Field Office	_____
Location Map Planned	_____	Approval Letter	_____
Card Indexed	<input checked="" type="checkbox"/>	Disapproval Letter	_____
IWR for State or Fee Land	_____		
COMPLETION DATA:			
Date Well Completed	_____	Location Inspected	_____
OW _____ WW _____ TA _____		Bond released	_____
GW _____ OS _____ PA _____		State of Fee Land	_____
LOGS FILED			
Drill's Log	_____		
Elec. Logs (No.)	_____		
E _____ I _____ E-I _____ GR _____ GR-N _____ Micro _____			
Lat. _____ M-L _____ Sonic _____ Others _____			

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

16

5. LEASE DESIGNATION AND SERIAL NO.
U-37668

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
1-17

10. FIELD AND POOL, OR WILDCAT
Little Valley

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
17 T30S, R25E, SLBM

12. COUNTY OR PARISH
San Juan

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
Cordillera Corporation

3. ADDRESS OF OPERATOR
2334 East Third Avenue, Denver, CO 80206

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface 1000' FSL, 1000' FEL Section 17 SESE
At proposed prod. zone same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
12 miles south, LaSal, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1000'

16. NO. OF ACRES IN LEASE 40

17. NO. OF ACRES ASSIGNED TO THIS WELL 160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1500'

19. PROPOSED DEPTH 10,500' Mississippian

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6860' GR

22. APPROX. DATE WORK WILL START* November 15, 1978

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	13 3/8	48 lbs	300'	350 sacks
12 1/4	8 5/8	32 lbs	5,000'	600 sacks
7 7/8	4 1/2	11.6 lbs	10,000'	400 sacks

1. Drill rotary hole to 5,000' with mud of good quality.
2. Drill rotary to T.D. (10,000') with salt saturated gel.
3. Evaluate Mississippian (Leadville) and Devonian (McCracken) with DST and electric logs.
4. If productive, run 4 1/2" casing at base of zone and cement.
5. If nonproductive, well will be abandoned according to state and Federal regulation.

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MAR 10 1980

DIVISION OF OIL, GAS & MINING

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.

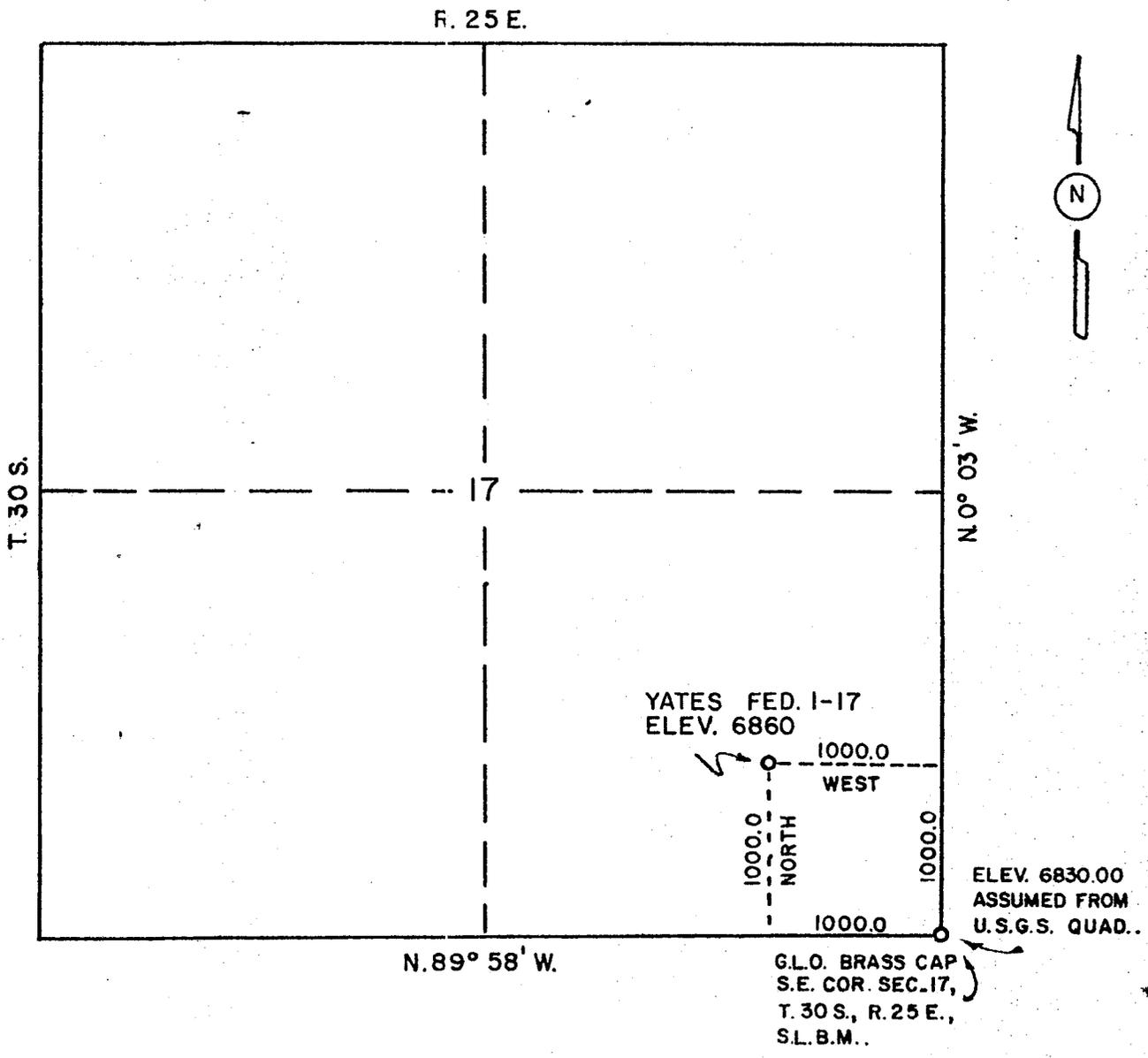
24. SIGNED C. J. Hoas TITLE Vice President DATE 8-23-78

(This space for Federal or State office use)
PERMIT NO. 43-037-30538 APPROVAL DATE 3/14/80

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side



CORD'LLERA CORP.
 YATES FEDERAL 1 - 17 WELL
 WITHIN THE
 S.E. 1/4, SEC. 17, T. 30 S., R. 25 E., S.L.B.M.
 SAN JUAN COUNTY, UTAH.

I, DO HEREBY CERTIFY THAT THIS
 WELL LOCATION WAS SURVEYED
 IN THE FIELD BY ME, JULY 28, 1978.

NOTE:
 ELEVATIONS ASSUMED FROM
 U.S.G.S. QUAD AND BY VERTICAL
 ANGLE TO WELL SITE.



C.R. Skipper
 C. R. SKIPPER UTAH L.S. No. 2624
 SKIPPER RESOURCES, P.O. BOX 1117 MOAB, UTAH

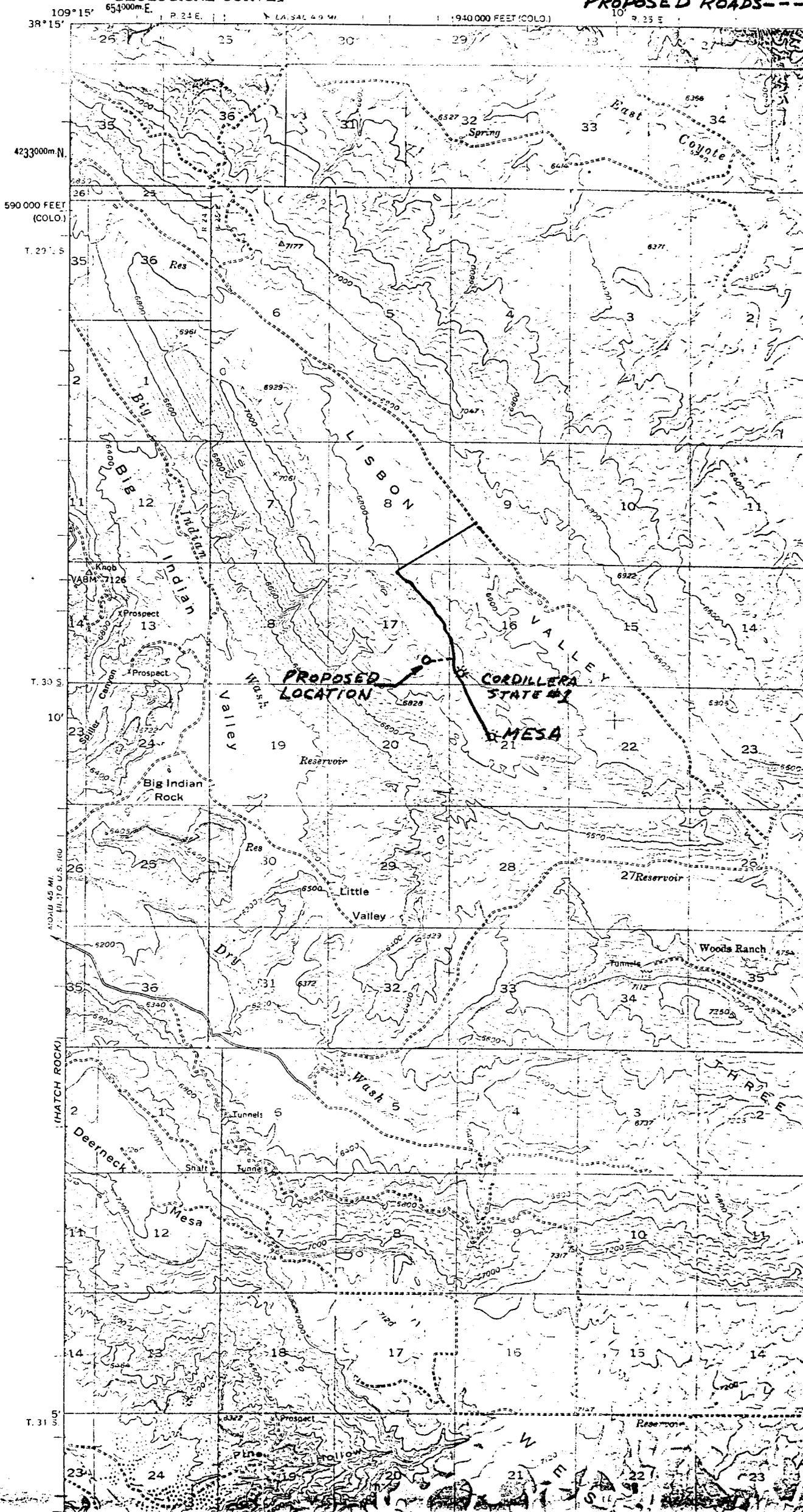
SCALE 1" = 1000'

ILA SAL JUNCTION

LISBON VALLEY (ADRANGLE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

EXISTING ROADS—
PROPOSED ROADS---



38° 15'

4233000m N.

590000 FEET (COLO.)

T. 29° S.

T. 30° S.

10'

63010.45 M. U.S. 160

7. 111.170 U.S. 160

(HATCH ROCK)

2 Deerneck

14

T. 31° S.

109° 15' 654000m E. P. 24 E. LA. SAL 4.9 MI. 1940000 FEET (COLO.) 10° 23 E

WELL CONTROL PLAN

Cordillera Corporation
Little Valley Field
Federal #1-17
SE SE Sec. 17, T30S, R25E, SLBM
San Juan County, Utah

- 1) Set 300' 13 3/8, 48-lb. H-40 csg. cement with 350 sacks reg. cement. W.O.C. 24 hours.
 - 2) Csg head flange: 13 3/8 x 12" 2,000-lb. with 2 2" outlets.
 - 3) Set 5,000' of 8/5/8, 32-lb. J-55 Csg. and cement with 600 sacks cement. W.O.C. 24 hours.
 - 4) Install 12" 3,000 lb. csg. spool with 2" outlets. Test to 1,000 lbs. for 30 min.
 - 5) BOP: 12" 3,000-lb. hydraulic with 4 1/2" pipe rams, blind rams, and hydril. Choke manifold to consist of
 - 1 positive 2" choke
 - 1 adj. 2" choke
 - 2 3000-lb. valves and 3 1000-lb. valves
 - 1 3000-lb. pressure gauge
- All manifold and kill lines tested to 3,000 lbs.
- 6) Aux. Equipment: Top and bottom Kelly cocks, drill pipe stabbing valve and visual type pit level control.
 - 7) Ant. bottom hole pressure: 2,800 lbs.
 - 8) Chem-gel with LCM will be used from surface to 5,000'. 5,000' to TD will be drilled with salt saturated gel, 9.0-9.2 wt., 35-40 vis., less than 10 cc water loss.
 - 9) Breathing apparatuses and control equipment with safety engineer will be maintained to deal with potential presence of H₂S.
 - 10) Anticipated formation tops:

Paradox	1,503'	Molds	8,956'
Top Salt	2,009'	Mississippian	8,993'
Lower Hermosa	8,833'	Devonian	10,017'

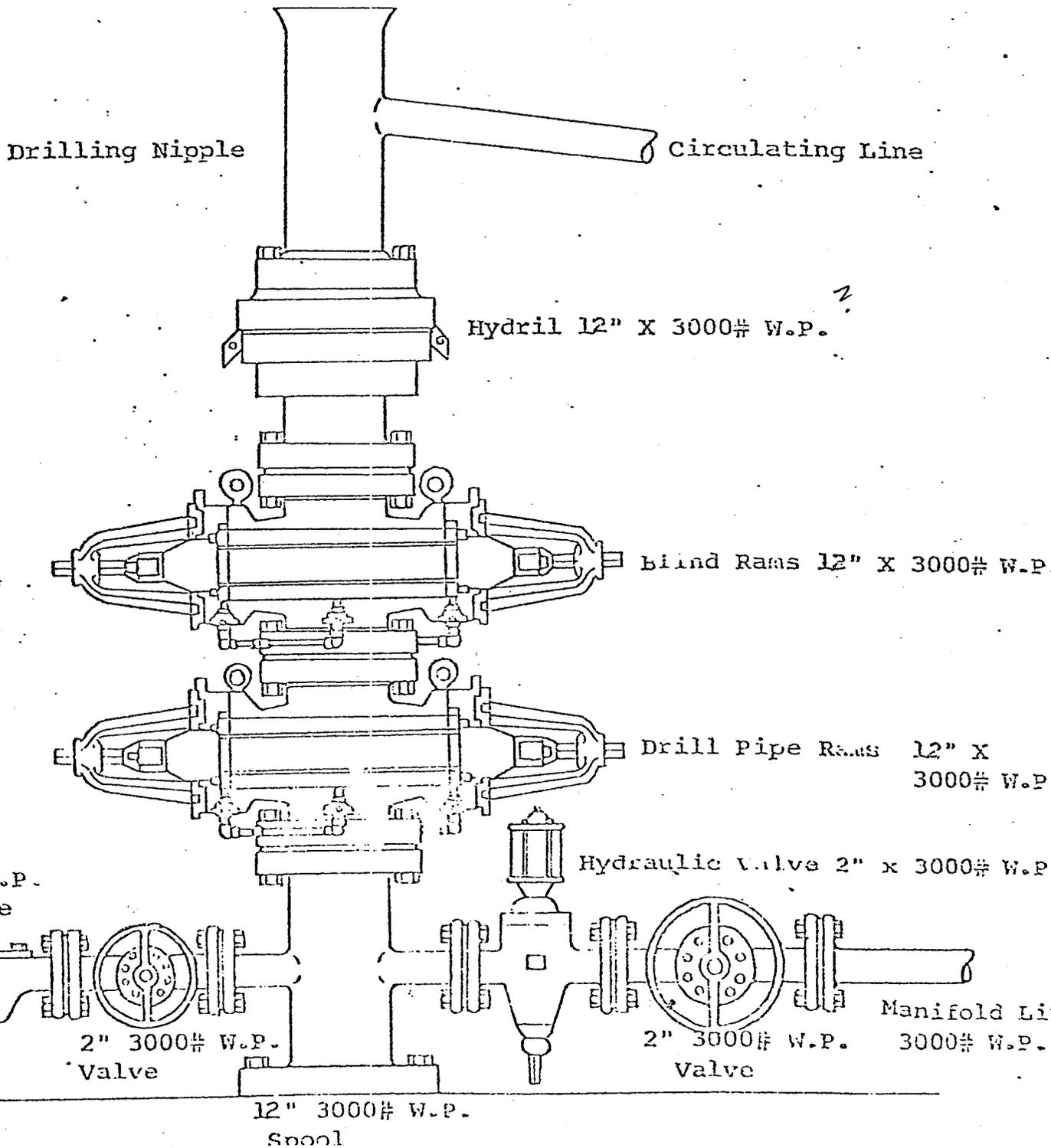
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U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

Well No. #1-17 Federal
 Location SE SE Sec. 17, T 30 S, R 25 E, SLBM
San Juan County, Utah

SCHEMATIC OF BLOWOUT PREVENTER



Little Valley Field

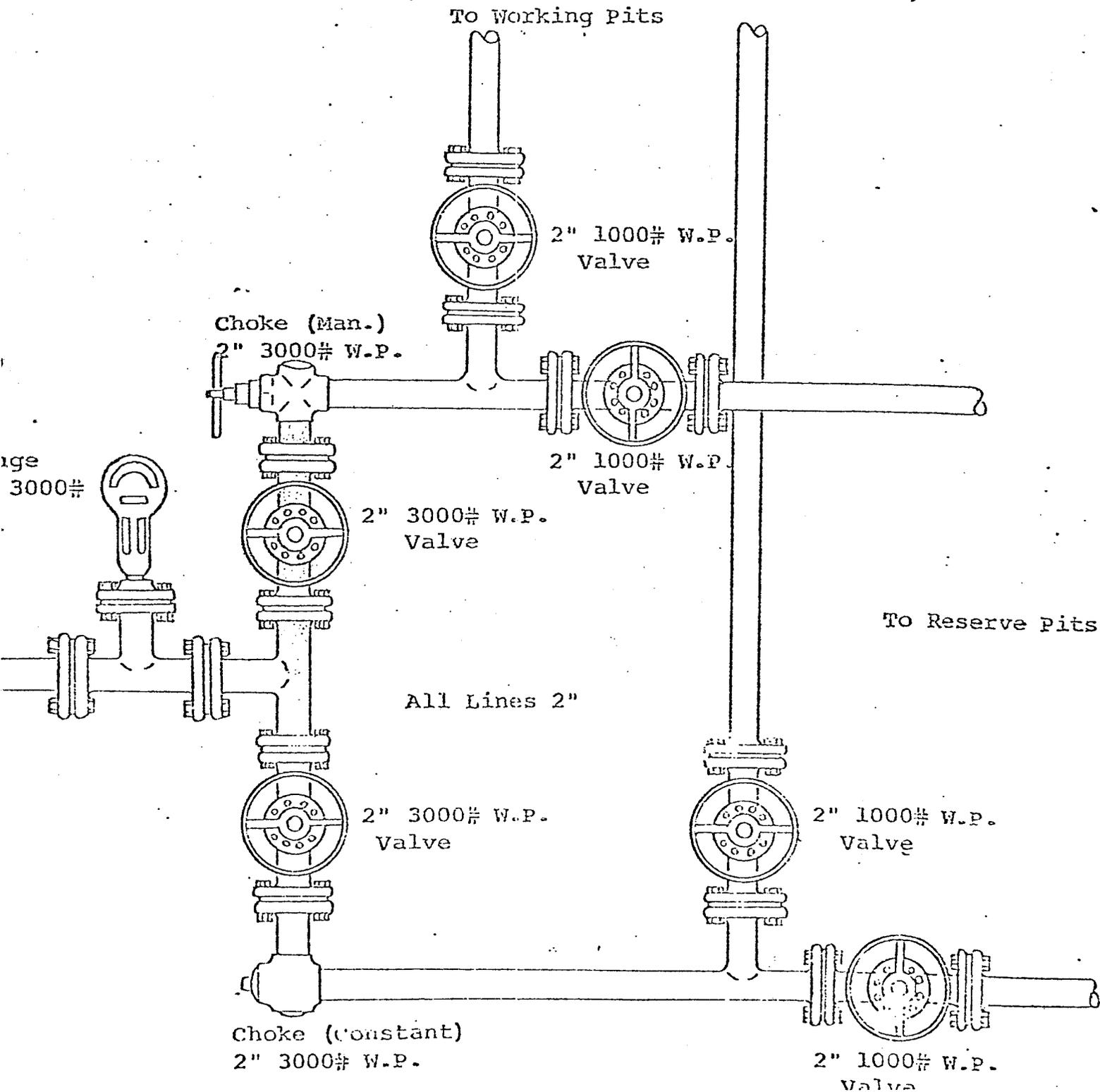
Well No. #1-17 Federal

Location SE SE Sec. 17, T 30 S, R 25 E, SLBM

San Juan County, Utah

SCHEMATIC OF BLOWOUT PREVENTER MANIFOLD

Working Pressure ~~As Shown~~ psig



MULTI-POINT SURFACE USE OPERATIONS PLAN

CORDILLERA CORPORATION
Little Valley Field
Federal #1-17
SE SE Sec. 17, T 30 S, R 25 E
San Juan County, Utah

I. EXISTING ROADS

1. Proposed well site shown on attached plat.
2. From La Sal Junction on U.S. 160, about 7 miles east on State 46, south on Lisbon Valley road approximately 9 miles, west on location road 1 1/2 miles, turn right on new road to location.

II. PLANNED ACCESS ROAD

1. Some maintenance on existing roads.
2. New access road will be approximately 1,000 feet.
3. No private property will be crossed.
4. Roads will be maintained and/or restored to BLM specification when operations are completed. Brush will be cleared away from roadsides, and no traffic will be allowed off established roads.

III. LOCATION OF EXISTING WELLS

1. Attached map shows existing wells in the immediate area.

IV. PRODUCTION FACILITIES

1. A separator and two tanks will be located on the drilling location north of the well.

V. LOCATION AND TYPE OF WATER SUPPLY

1. Water will be trucked from Moab or a closer source, if available.
2. Salt water will be trucked from Moab Salt Well.

VI. CONSTRUCTION MATERIAL

No gravel or rock will be used on location or roads.

VII. WASTE DISPOSAL

1. Nonburnable trash will be collected and hauled to approved municipal dump sites.

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U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

2. A burn pit will be fenced off in the reserve pit for burnable items unless burning is not permitted.
3. A separate sump will be dug 6' deep, 12' square to handle waste oil from engines and toxic materials. This sump will be fenced during drilling operations and covered with 2' of dirt when drilling is completed.
4. Cuttings and drilling fluid will be collected in a reserve pit 100' by 40' with adequate dikes to prevent runoff from entering pit, and pit will be of sufficient depth to accomodate all fluids below ground level. Pit will be fenced and flagged.

VIII. AUXILIARY FACILITIES

No camps, runways or other support facilities will be necessary.

IX. WELL SITE LAYOUT

See attached plat.

X. PLANS FOR SURFACE RESTORATION

1. All waste pits will be filled.
2. Revegetation of site will be conducted as recommended by agency representatives.
3. Fences around pits will be maintained until water has evaporated; then pits will be filled, leveled, and seeded.
4. All debris will be removed from location, and the site will be left with natural contours where possible, with no sign of unnecessary foreign objects.

XI. OTHER INFORMATION

1. Proposed location has small amount of sparse grass, some surface rocks and scrub cedar.
2. Location close to small ravine. Plat shows cut and fill for site.
3. No dwellings or ranching facilities are within a one-mile radius.
4. Area is used by Redd Ranch for grazing.
5. Wildlife concentration is normal for the area; no evidence of concentrated use of area for feeding grounds.
6. No evidence of any archeological or historical sites.

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DENVER, COLO.

XII. OPERATOR'S REPRESENTATIVES

Cordillera Corporation
2334 East Third Avenue
Denver, Colorado 80206

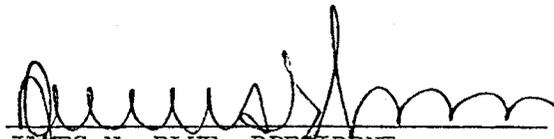
MR. JACK M. LUCEY (303) 355-3537
MR. CHARLES N. HAAS (303) 355-3537

XIII. CERTIFICATION

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

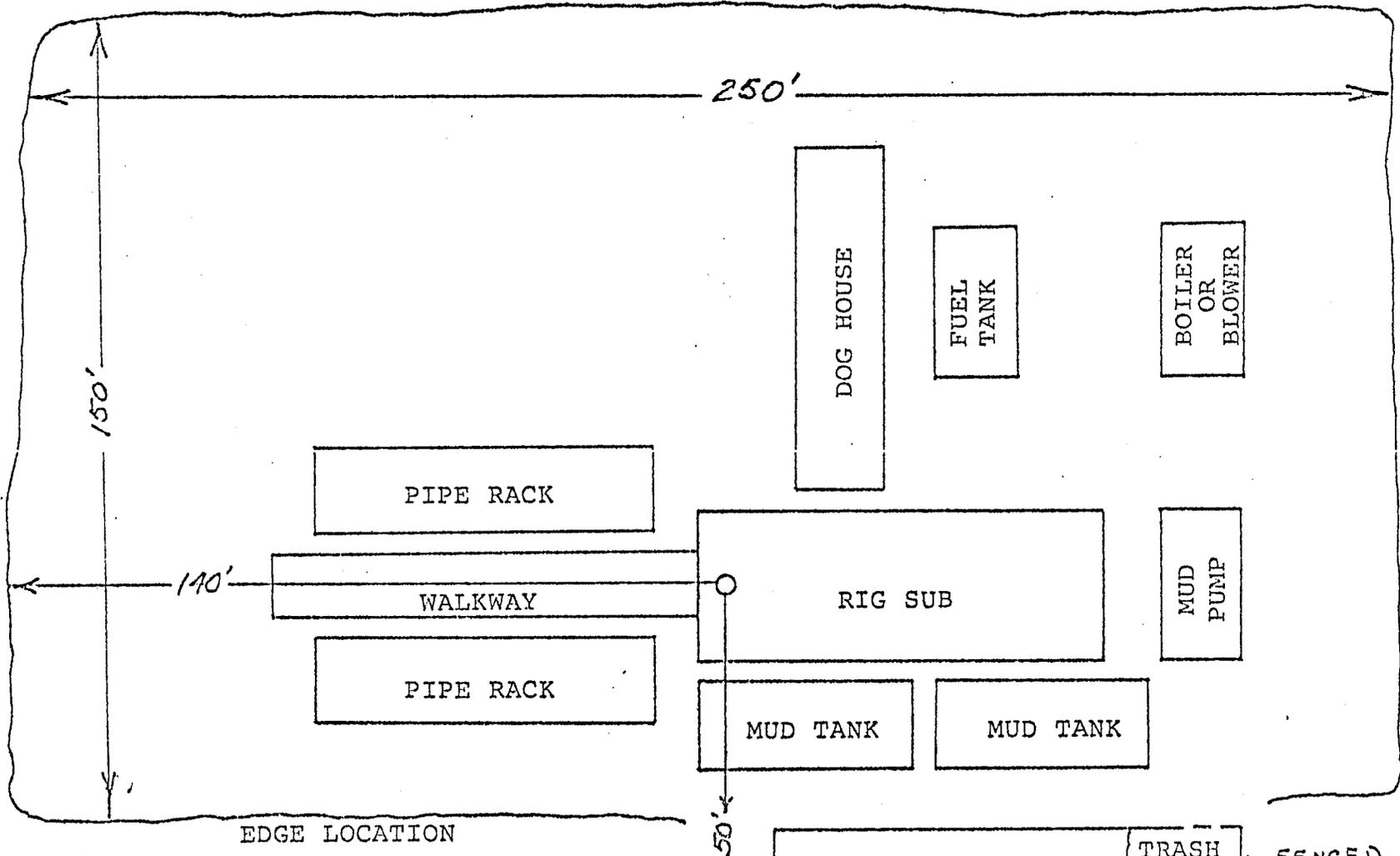
CORDILLERA CORPORATION

Date: 8-23-78



JAMES N. BLUE, PRESIDENT

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U. S. GEOLOGICAL SURVEY
DENVER, COLO.



PROPOSED RIG AND LOCATION LAYOUT

Little Valley Field
 Well No. #1-17 Federal
 Location SE SE Sec. 17, T 30 S, R 25 E, SLBM
 San Juan County, Utah

RESERVE PIT
 Not to Scale
 100' X 100'

TRASH BURN PIT ← FENCED

** FILE NOTATIONS **

DATE: March 11, 1980

Operator: Cordellua Corporation

Well No: Federal # 1-17

Location: Sec. 17 T. 30S R. 25E County: San Juan

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number 43-037-30538

CHECKED BY:

Geological Engineer: M. J. Minder 3/13/80

Petroleum Engineer: _____

Director: _____

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. 70-3 1/25/78

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 Fed

Plotted on Map

Approval Letter Written
blm

#3

hl

March 14, 1980

Cordillera Corporation
2334 East Third Avenue
Denver, Colorado 80206

Re: Well No. Federal #1-17
Sec. 17, T. 30S, R. 25E.,
San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well ~~is~~ hereby granted in accordance with the Order issued in Cause No. 70-3 dated January 25, 1978.

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

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

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 43-089-30538.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Geological Engineer

/b:tm

cc: USGS

May 13, 1980
Memo To File:

RE: CORDILLERA CORPORATION
WELL NO. FEDERAL 1-17
Sec. 17, T. 30S, R. 25E,
San Juan County, Utah

As per telephone conversation on the above date, Jacobs Drilling, Rig #3 will be moving in on location within this next week.

Kathy Avila
Records Clerk

October 29, 1980

Cordillera Corporation
2334 East Third Ave.
Denver, Colo. 80206

RE: Well No. Federal #1-17
Seb. 17, T. 30S, R. 25E,
San Juan County, Utah

Gentlemen:

In reference to above mentioned well(s), considerable time has gone by since approval was obtained from this office.

This office has not received any notification of studding. If you do not intend to drill this well (these wells), please notify this Division. If studding of any other activity has taken place, please send necessary forms. (If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill this well (these wells) and action will be taken to terminate the application.) If you plan on drilling this location 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



DEBBIE BEAUREGARD
CLERK-TYPIST

CORDILLERA CORPORATION

2334 EAST THIRD AVENUE . DENVER, COLORADO 80206 . (303) 355-3535

November 10, 1980

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

*Location
Abandon*

RE: Well No. Fed. #1-17
Sec. 17, T30S, R25E
San Juan County, Utah

Gentlemen:

This is to advise you that subject well will not be drilled at this time. If the decision is made to drill at a later date we will so notify you as to our plans.

Very truly yours

Jack M. Lucey
Jack M. Lucey

JML/jah

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OIL, GAS & MINING