

OPEN RECORD NO. 22922  
PROPERTY NO. 14578  
CATE \*  
IS ON

FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

DEPARTMENT  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR

1a. TYPE OF WORK

DRILL ☒

b. TYPE OF WELL

OIL  
WELL ☒

GAS  
WELL ☐

OTHER ☐

SINGLE  
ZONE ☒

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

The Wiser Oil Company

3. ADDRESS AND TELEPHONE NO.

c/o J. O. Easley, Inc., P. O. Box 245, Artesia, NM 88211-0245 (505) 746-1070

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

At Surface 330' FNL & 2310' FEL, Unit B

At proposed prod. Zone 330' FNL & 2310' FEL, Unit B

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

± 6.5 miles Southeast of Maljamar, New Mexico

15. DISTANCE FROM PROPOSED \*  
LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT. 330'  
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

120.00

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION \*

TO NEAREST WELL, DRILLING, COMPLETED 665'  
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH  
4800'

20. ROTARY OR CABLE TOOLS  
Rotary

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

4180'

22. APPROX. DATE WORK WILL START \*  
ASAP

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	* 8 5/8" <del>X-42</del>	23#	400'	Circulate <del>WITNESS</del>
7 7/8"	* 5 1/2" <del>X-42</del>	17#	4800'	Sufficient to bring cmt 100'

\* TALKED TO MIKE BURCH 12/22/97 - SEE p. 2 FOR  
CORRECT CSC PROGRAM

Duration of Program: Drilling - Nine (9) days  
Completion - Thirty (30) days  
See attached for complete Drilling Program

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

EXHIBITS

Exhibit "A": Drilling Program  
Exhibit "B": H<sub>2</sub>S Plan  
Exhibit "C": Surface Use Plan  
Exhibit "D": Land Survey Plat  
Exhibit "E": Location Plat  
Exhibit "F": Existing Well Plat

Exhibit "G": Rig Layout  
Exhibit "H": BOP Layout

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 Michael R. Burch TITLE Agent for The Wiser Oil Company DATE 11-20-97  
Michael R. Burch, CPL

This space for Federal or State office use)

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

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY (ORIG. SCD) \_\_\_\_\_ TITLE ADM. MINERALS

DATE 12/30/97

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1994  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT II **EXHIBIT "D"**  
P.O. Drawer DD, Artesia, NM 88201-0077

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT IV  
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-34257	Pool Code 43329	Pool Name Maljamar Grayburg San Andres
Property Code 14578	Property Name CMU	Well Number 285
OGRID No. 022922	Operator Name THE WISER OIL COMPANY	Elevation 4180

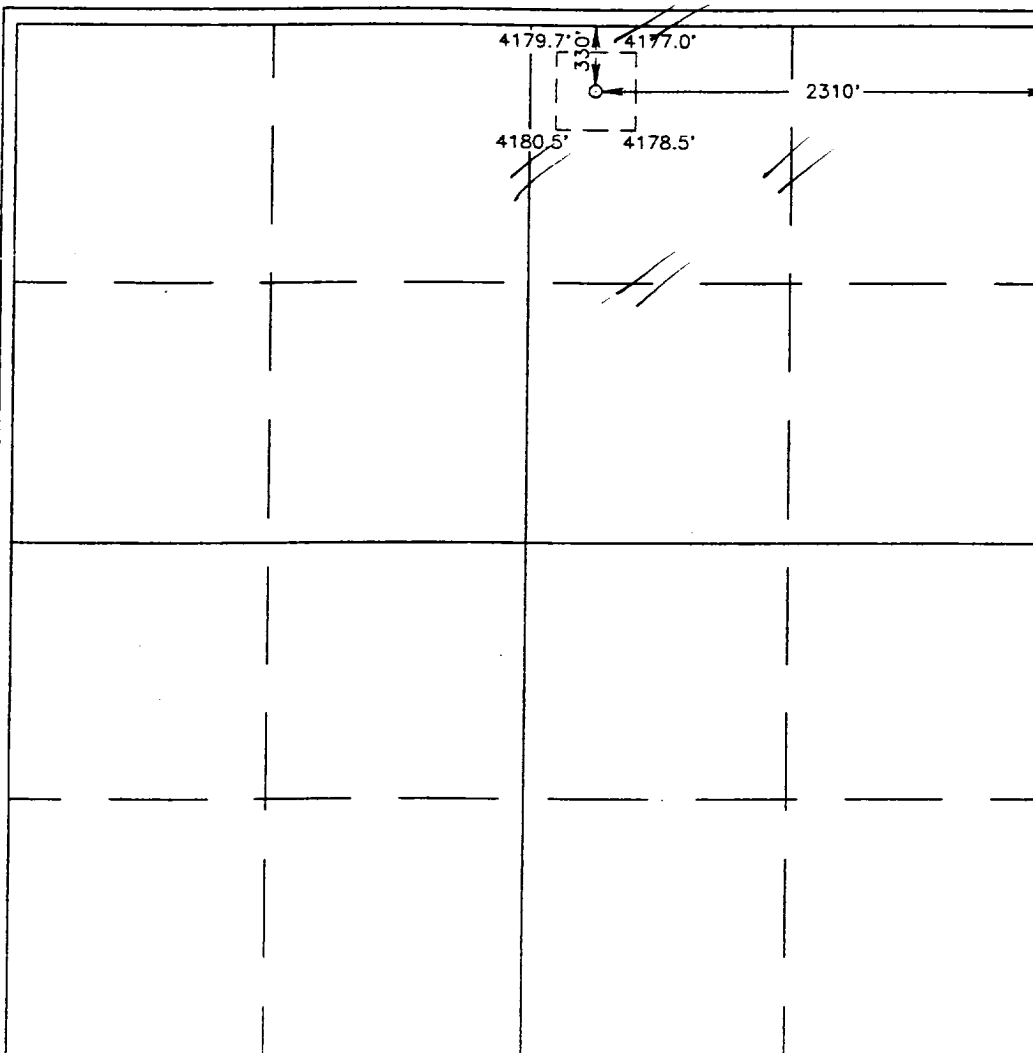
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	33	17 S	33 E		330	NORTH	2310	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify the the information  
contained herein is true and complete to the  
best of my knowledge and belief.

*Michael R. Burch*  
Signature  
Michael R. Burch, CPL  
Agent for The Wiser Oil  
Printed Name  
Company  
Title 11-18-97  
Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown  
on this plat was plotted from field notes of  
actual surveys made by me or under my  
supervision, and that the same is true and  
correct to the best of my belief.

NOVEMBER 10, 1997

Date Surveyed  
Signature & Seal of Professional Surveyor  
Professional Surveyor  
RONALD W. EDSON  
11-11-97  
97-11-1846  
Certificate No. JOHN W. 676  
RONALD W. EDSON 3239  
PROFESSIONAL SURVEYOR 12641

EXHIBIT "A"  
CMU #285

DRILLING PROGRAM

I. The geological surface formation is recent Permian with quaternary alluvium and other surficial deposits.

II. Estimated Tops of Geological Markers:

<u>FORMATION</u>	<u>DEPTH</u>
Rustler Anhydrite	540'
Top of Salt	670'
Base of Salt	1570'
Queen	2650'
Grayburg	3050'
San Andres	3430'
TD	4800'

III. Estimated depths at which water, oil, gas, or other mineral-bearing formations are expected to be encountered:

<u>SUBSTANCE</u>	<u>DEPTH</u>
Fresh Water	There is little, if any, in this section
Oil	Fren 7-Rivers; Grayburg and San Andres below 3200'
Gas	None anticipated

IV. A. Proposed Casing Program:

<u>HOLE SIZE</u>	<u>CASING SIZE</u>	<u>GRADE</u>	<u>WEIGHT PER FOOT</u>	<u>DEPTH</u>
* 12 1/4"	8 5/8"	New 8RD <u>ST&amp;C J-55</u>	23#	400'
* 7 7/8"	5 1/2"	New 8RD <u>LT&amp;C J-55</u>	17#	4800'

\* CORRECT PIPE SPECS PER MIKE BURCH 12/22/97  
—hor Balyal

B. Proposed Cement Program:

8 5/8" Cmt w/ 300 sx Class "C" cmt w/2% CaCl. Circulate to surface.

5 1/2" Cmt w/ 700 sx Halliburton Lite w/1/4# Flocele, 325 sx Premium Plus w/.5% Halad-9, & 325 sx Premium Plus w/.5% Halad-344 w/3% KCl.

The top of cement is designed to reach 100' above 8 5/8" casing shoe.

V. Proposed Mud Program:

The well will be drilled to total depth using brine & fresh water. Depths of systems are as follows:

<u>INTERVAL</u>	<u>MUD TYPE</u>	<u>MUD WT.</u>	<u>VISCOSITY</u>
0-400'	Fresh Water	8.8 ppg	30
400'-TD	Brine Water	9.5-10.5 ppg	28

VI. Proposed Control Equipment:

Will install on the 8 5/8" surface casing a 10" Series 900 Type "E" Shaffer Double Hydraulic BOP and will test before drilling in the Queen formation. BOP working pressure: 3000 psi. See Exhibit "H" for BOP layout.

VII. Auxiliary Equipment:

Blowout preventor, gas detector, kelly cock, pit level monitor, flow sensors, and stabbing valve.

VIII A. Testing Program:

Drill Stem Tests: None planned

B. Logging Program:

<u>LOG</u>	<u>Interval</u>
GR-DLL-MSFL-Cal	T.D. - 2,300'
GR-CNL-CDL-Cal	T.D. - Surface

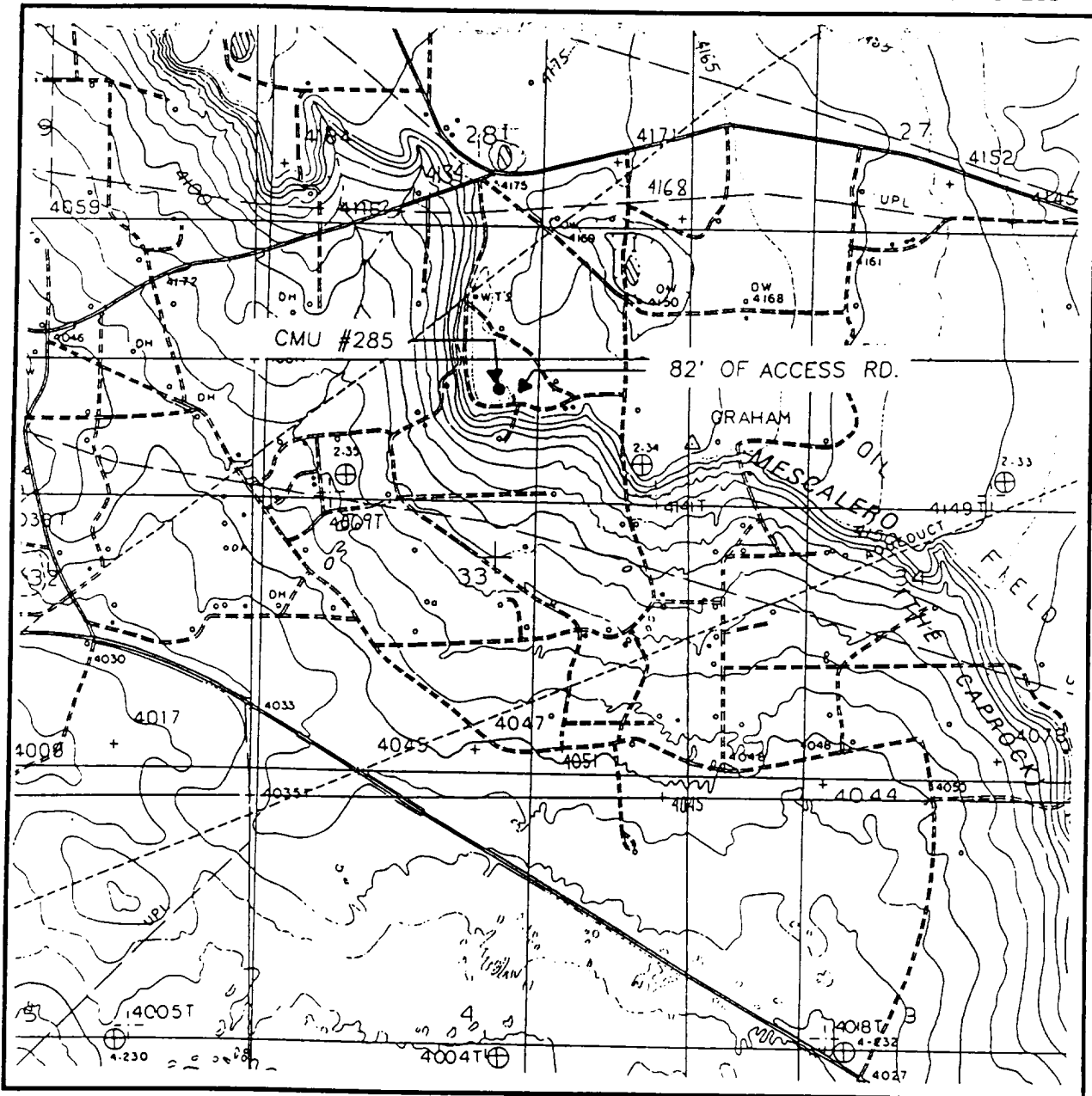
C. Coring Program:

None planned

IX No abnormal pressures or temperatures are anticipated. In the event abnormal pressures are encountered, the proposed mud program will be modified to increase the mud weight. The estimated maximum bottom hole pressure is 1980 psi.

**EXHIBIT "E"**  
**CMU#285 Page 2**

CMU#285 Page 2



SCALE: 1" = 2000'

CONTOUR INTERVAL:  
DOG LAKE - 10'

SEC. 33 TWP. 17-S RGE. 33-E

SURVEY \_\_\_\_\_ N.M.P.M.

COUNTY \_\_\_\_\_ LEA

DESCRIPTION 330' FNL & 2310' FEL

ELEVATION 4180

OPERATOR THE WISER OIL COMPANY

LEASE \_\_\_\_\_ CMU

U.S.G.S TOPOGRAPHIC MAP

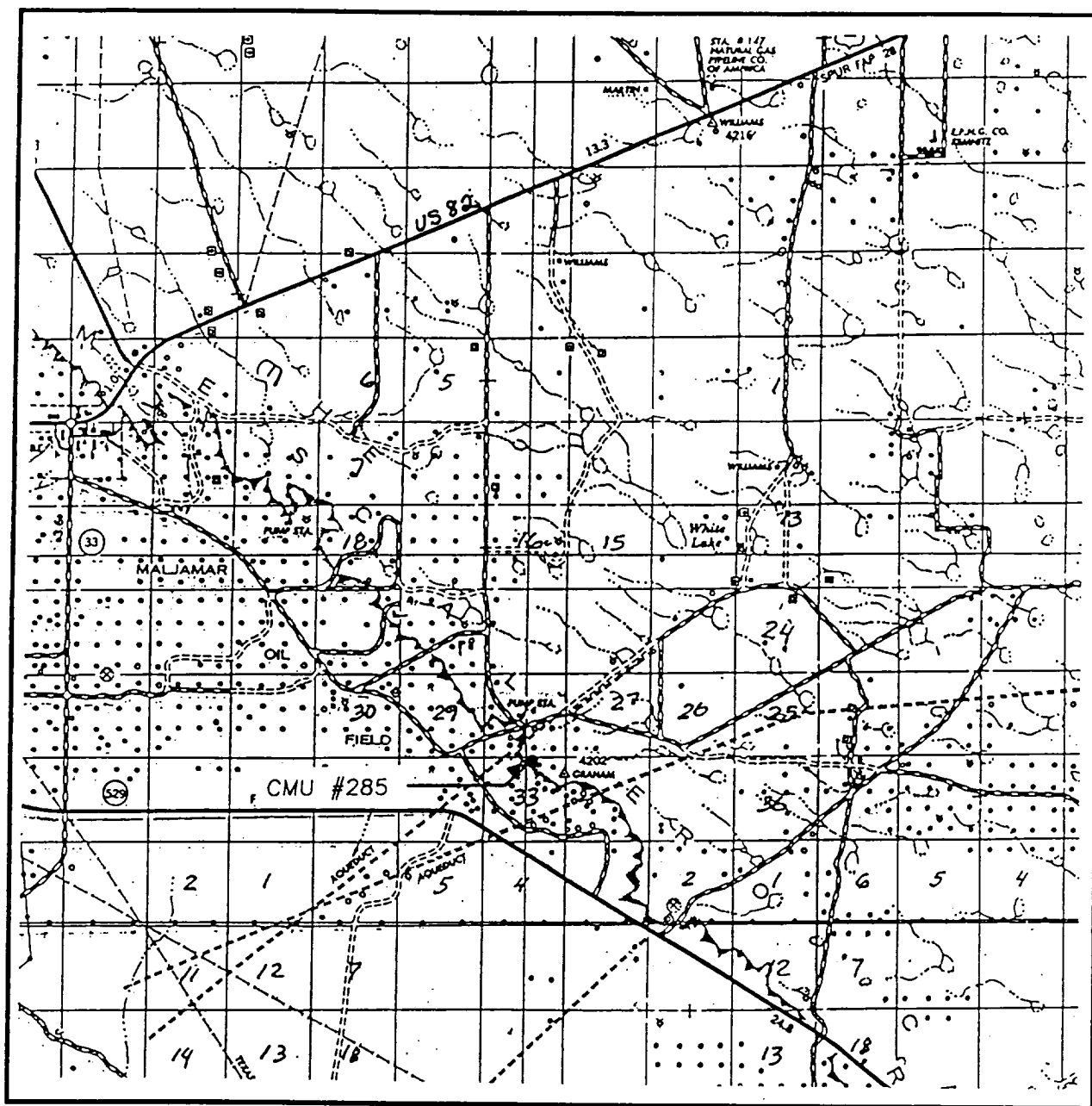
DOG LAKE, N.M.

**JOHN WEST ENGINEERING  
HOBBS, NEW MEXICO  
(505) 393-3117**

# VICINITY MAP

EXHIBIT "E"

CMU #285



SCALE: 1" = 2 MILES

SEC. 33 TWP. 17-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 330' FNL & 2310' FEL

ELEVATION 4180

OPERATOR THE WISER OIL COMPANY

LEASE CMU

**JOHN WEST ENGINEERING  
HOBBS, NEW MEXICO**

**(505) 393-3117**

# BOP & CHOKE MANIFOLD

12"/900 Cameron SS Space Saver  
3000# Working Pressure  
3000# Working Pressure Choke Manifold

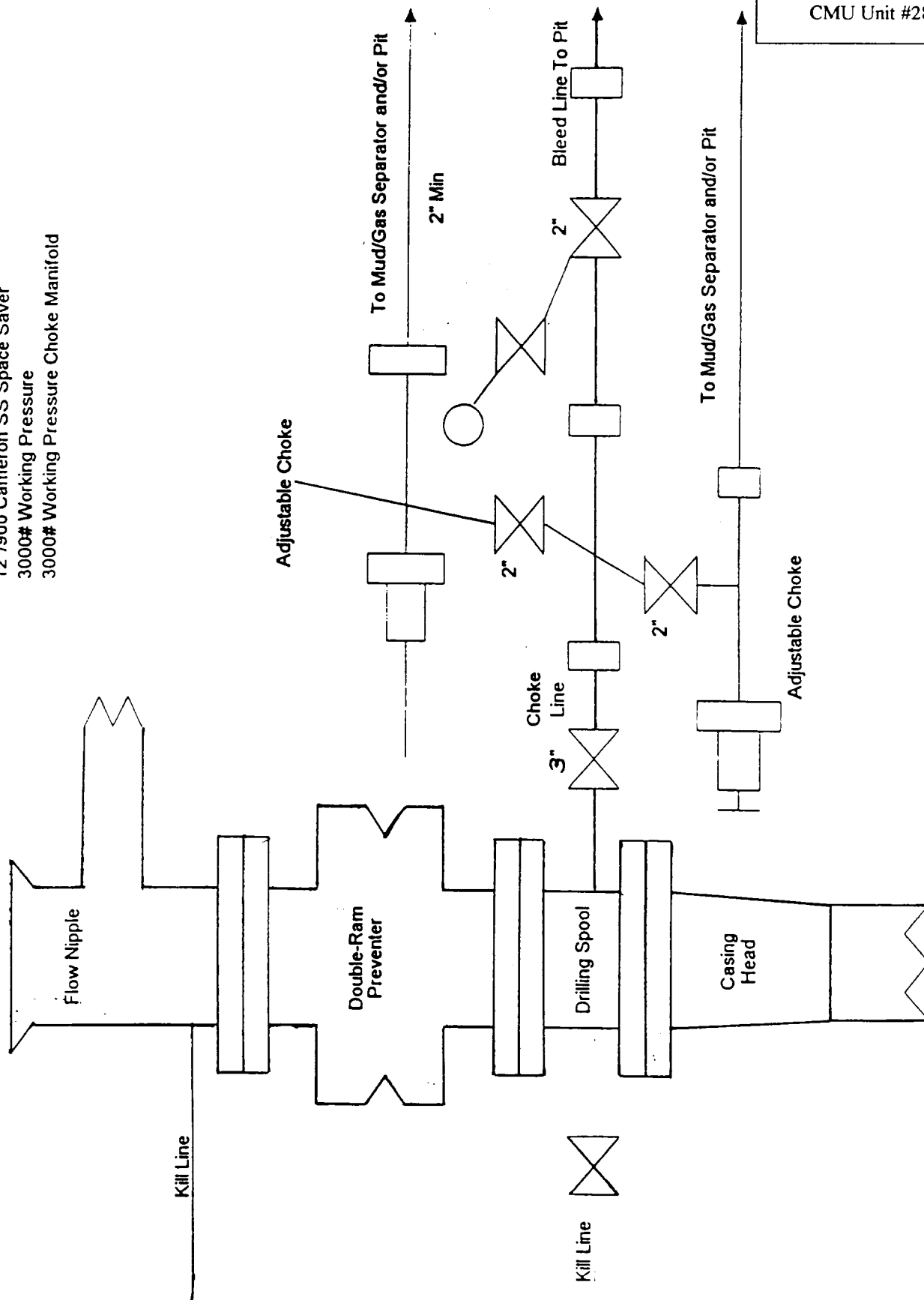


EXHIBIT "H"

BOP LAYOUT

The Wiser Oil Company  
CMU Unit #285