

U.S. DEPARTMENT OF
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT

PROPERTY NO. 14578
POOL NO. 43329
EFFECT DATE 2/10/97
API NO. 30-025-33821

FORM APPROVED 10-29-96
OMB NO. 1004-0136
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO. LC-059152-B	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME Caprock Maljamar Unit	
8. FARM OR LEASE NAME, WELL NO. #266	
9. API WELL NO. 30-025-	
10. FIELD AND POOL OR WILDCAT Maljamar Grayburg San Andres	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 24, 17S-32E, N.M.P.M.	
12. COUNTY FOR PARISH Lea	13. STATE NM

1a. TYPE OF WORK
DRILL ☒ **DEEPEN** ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☐ OTHER **Water Injection**
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 1796, Roswell, NM 88201-1796 (505) 623-3758

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *)
At Surface **-1928' FNL & 769' FWL, Unit E**
At proposed prod. Zone **1928' FNL & 769' FWL, Unit E**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
± 3.2 miles Southeast of Maljamar, New Mexico

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 769'	16. NO. OF ACRES IN LEASE 480.00	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. 100'	19. PROPOSED DEPTH 4800'	20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4072'

22. APPROX. DATE WORK WILL START *
12-9-96, or when approved

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" X-42	20#	350'	Circulate <i>Witness</i>
7 7/8"	5 1/2" X-42	17#	4800'	Sufficient to bring cmt 100' above 8 5/8" casing shoe.

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

EXHIBITS

Exhibit "A": Drilling Program Exhibit "D": Land Survey Plat Exhibit "G": Rig Layout
Exhibit "B": H₂S Plan Exhibit "E": Location Plat Exhibit "H": BOP Layout
Exhibit "C": Surface Use Plan Exhibit "F": Existing Well Plat

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 (Signature) TITLE Agent for The Wiser Oil Company DATE 10-24-96
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. SGD.) JAMES G. PETTENGILL TITLE ADM. MINERALS DATE 2-6-97

*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 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

P.O. Box 2066, Santa Fe, NM 87504-2066

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

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015 30-025-33821	Pool Code 43329	Pool Name Maljamar Grayburg San Andres
Property Code 14578	Property Name CAPROCK MALJAMAR UNIT	Well Number 266
OGRID No. 022922	Operator Name THE WISER OIL COMPANY	Elevation 4043

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	24	17 S	32 E		1828	NORTH	569	WEST	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. Signature: <u>Michael R. Burch</u> Michael R. Burch, CPL Agent for The Wisser Oil Company Printed Name: <u>Company</u> Title: <u>1-31-97</u> 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. Date Surveyed: <u>DECEMBER 5, 1996</u> Signature: <u>[Signature]</u> Professional Surveyor: <u>JLP</u> W.O. Num. <u>96-115601</u>	
	Certificate No. <u>JOHN W. WEST, 676</u> <u>RONALD L. EIDSON, 3239</u> <u>GARY S. EIDSON, 12841</u>	

EXHIBIT "A"

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 ¼"	8 5/8"	New 8RD ST&C X-42	20#	350'
7 7/8"	5 ½"	New 8RD LT&C X-42	17#	4800'

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>
0-550'	Fresh Water	8.8 ppg	30
550'-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.

BOP & CHOKE MANIFOLD

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

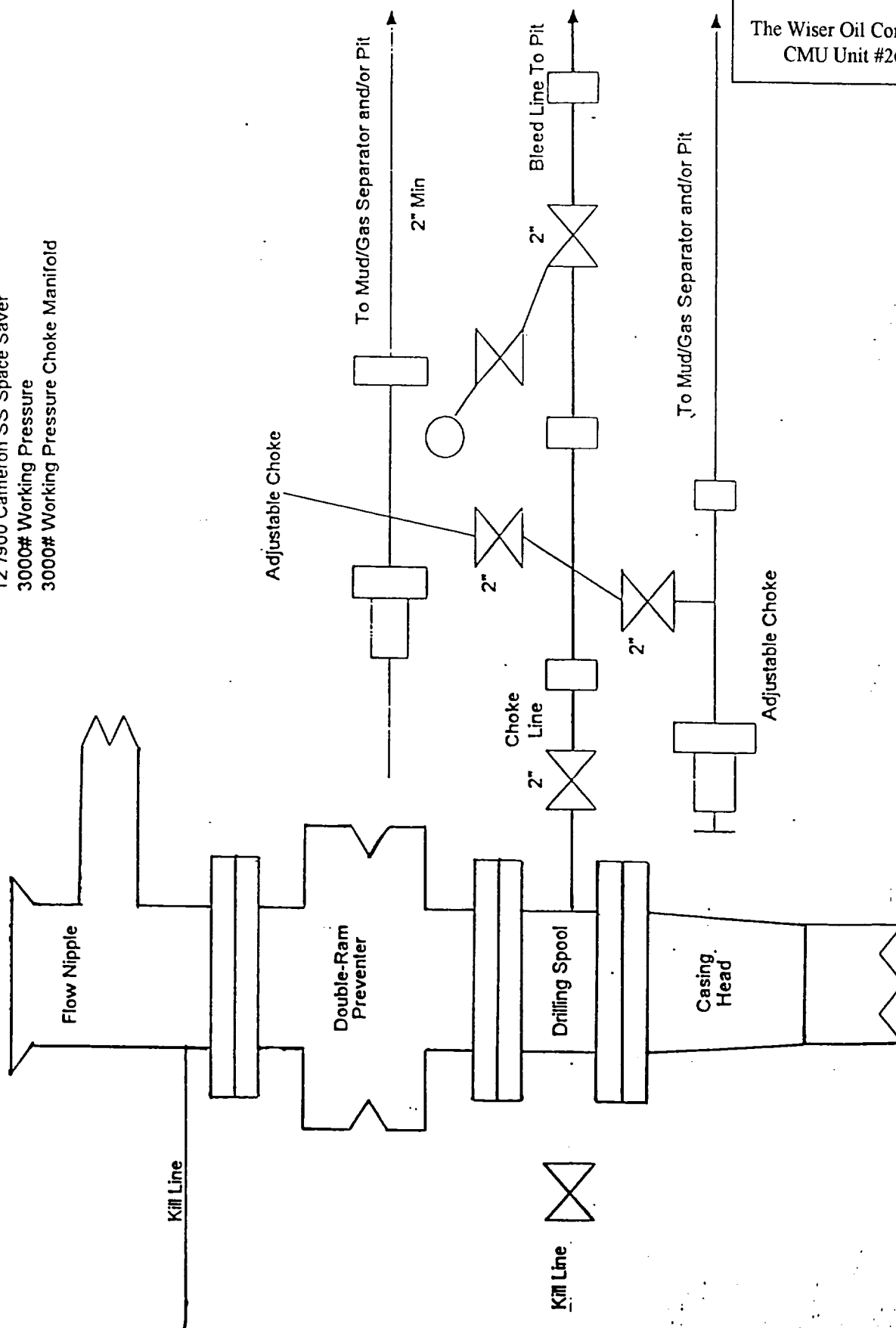


EXHIBIT "H"

BOP LAYOUT

The Wiser Oil Company
 CMU Unit #266