

UNITED STATES PROPERTY NO. 14578  
DEPARTMENT OF THE POOL CODE 43329  
BUREAU OF LAND MANAGEMENT

## APPLICATION FOR PERMIT

1a. TYPE OF WORK

DRILL ☒DEVELOP ☐

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 1796, Roswell, NM 88201-1796 (505) 623-3758

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

At Surface 1116' FNL &amp; 1444' FWL, Unit C

At proposed prod. Zone 1116' FNL &amp; 1444' FWL, Unit C

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.

1116'

(Also to nearest drilg. unit line, if any)

16. NO. OF ACRES IN LEASE

±80.00

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION \*

TO NEAREST WELL, DRILLING, COMPLETED

694'

OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

4100'

20. ROTARY OR CABLE TOOLS

Rotary

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

4065'

Roswell Controlled Water Basin

22. APPROX. DATE WORK WILL START \*

June 1, 1996

## 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" J-55	24#	550'	Circulate
7 7/8"	5 1/2" J-55	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 ProgramSubject to  
Special Requirements and  
Special Stipulations  
Attached

## EXHIBITS

Exhibit "A": Drilling Program      Exhibit "D": Land Survey Plat      Exhibit "G": Rig Layout  
Exhibit "B": H<sub>2</sub>S 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, CPL

TITLE

Agent for The Wiser Oil Company

DATE

5-6-96

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 reasonable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

TIMOTHY J. BURKE

TITLE

Acting AREA MANAGER

DATE

JUN 1 1996

\*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.

RECEIVED  
JAN 10 1980  
U.S. DEPT. OF JUSTICE  
FEDERAL BUREAU OF INVESTIGATION  
WASHINGTON, D.C. 20535

# 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 1/4"	8 5/8"	New 8RD ST&CJ-55	24#	550'
7 7/8"	5 1/2"	New 8RD LT&CJ-55	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

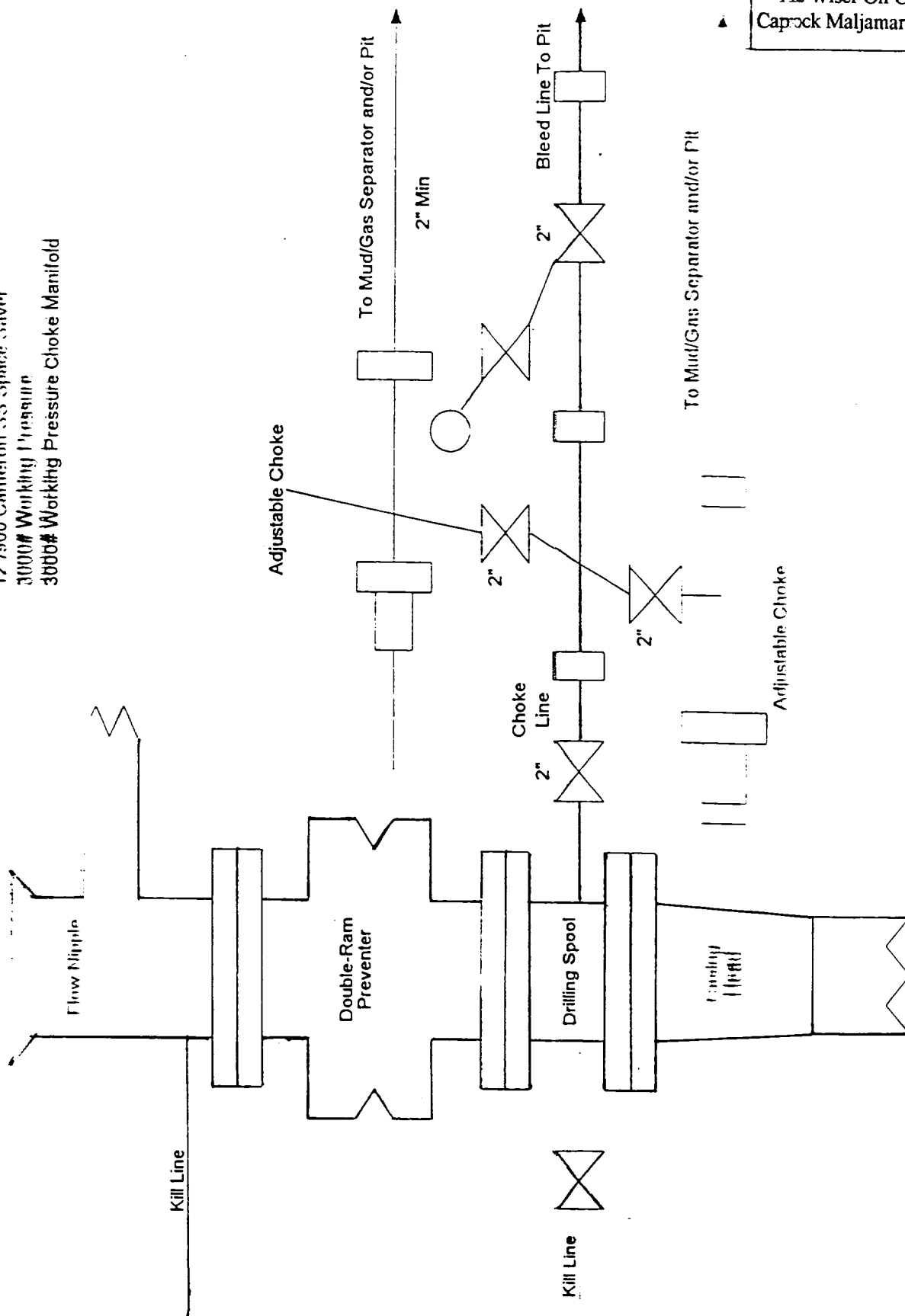


EXHIBIT "H"

BOP LAYOUT

The Wiser Oil Company  
 Caprock Maljamar Unit #171

District I  
PO Box 1980, Hobbs, NM 88241-2980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

EXHIBIT "D"

Form C-112  
Revised February 10, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- 33517	Pool Code 43329	Pool Name Maljamar Grayburg San Andres
Property Code 14578	Property Name Caprock Maljamar Unit	Well Number 171
OGRID No. 022922	Operator Name The Wiser Oil Company	Elevation 4065

10 Surface Location

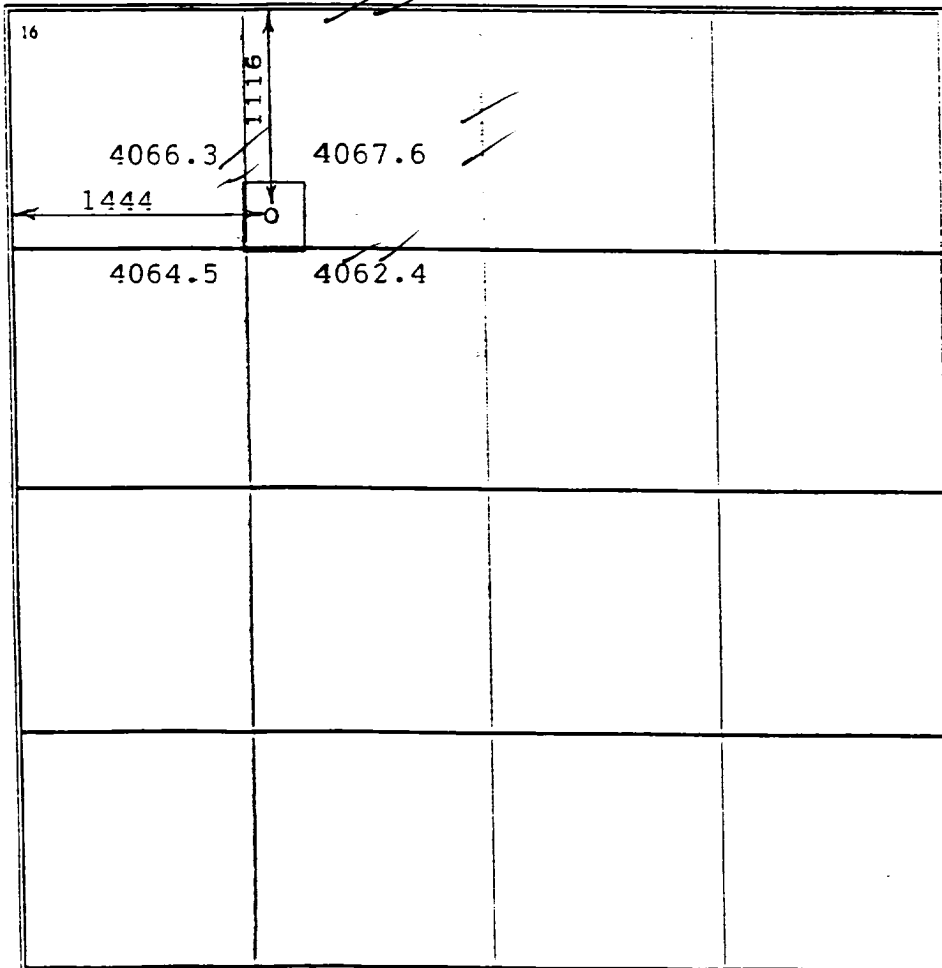
UL or lot no.	Section	Township	Range	East 1/4	Feet from the	North/South line	Feet from the	East/West line	County
C	24	17 S	32 E		1116	North	1444	West	Lea

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	East 1/4	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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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

16		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and correct to the best of my knowledge and belief.  <i>Michael R. Burch</i> Signature Michael R. Burch, CPL Printed Name Agent for The Wiser Oil Title Company Date 5-6-96
		18 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. April 19, 1996 Date of Survey P. R. Patton Signature P. R. Patton Certification Number 8112