

P. OPER. UGRIID NO. 22122

HOI PROPERTY NO. 11844

UNITED STATES DEPARTMENT OF THE BUREAU OF LAND MANAGEMENT

POOL CODE 43329

EFF. DATE 3/12/97

APPLICATION FOR PERMIT API NO. 30-025-33874

E\*

FORM APPROVED

OMB NO. 1004-0136

Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

LC-064150

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Maljamar Grayburg Unit (11844)

8. FARM OR LEASE NAME, WELL NO.

#155

9. API WELL NO.

30-025-

10. FIELD AND POOL OR WILDCAT

Maljamar Grayburg San Andres (43329)

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

10, 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 (22922)

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 1880' FNL & 2080' FWL, Unit F

At proposed prod. Zone 1880' FNL & 2080' FWL, Unit F

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

± 6 miles Southeast of Maljamar, New Mexico

15. DISTANCE FROM PROPOSED \*  
LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

560'

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

18. DISTANCE FROM PROPOSED LOCATION \*

TO NEAREST WELL, DRILLING, COMPLETED

840.7'

OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

160.00

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

19. PROPOSED DEPTH

4800'

20. ROTARY OR CABLE TOOLS

Rotary

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

4159' GR

22. APPROX. DATE WORK WILL START \*

3-15-97

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
7 7/8"	5 1/2" X-42	17#	4800'	Sufficient to bring cmt 10'

OPER. UGRIID NO. 22122

PROPERTY NO. 11844

Duration of Program: Drilling - Nine (9) days POOL CODE G.G.

Completion - Thirty (30) days EFF. DATE 3-15-97

See attached for complete Drilling Program

API NO. 30-025-33874  
EXHIBITS

Exhibit "A": Drilling Program

Exhibit "D": Land Survey Plat

Exhibit "G": Rig Layout

Exhibit "B": H<sub>2</sub>S Plan

Exhibit "E": Vicinity 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  
Michael R. Burch, CPL

TITLE

Agent for The Wiser Oil Company

DATE

2-7-97

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.) TONY L. FERGUSON

TITLE

ADM. MINERALS

DATE

3-10-97

\*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.

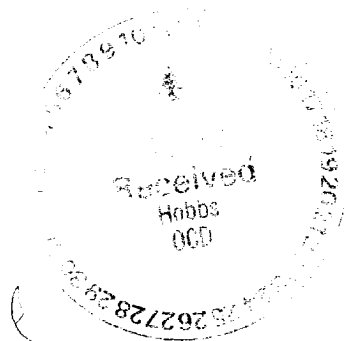


EXHIBIT "A"  
MGBU #155

DRILLING PROGRAM

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

II. Estimated Tops of Geological Markers:

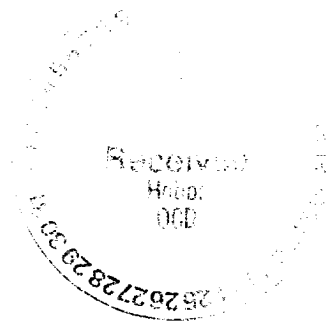
<u>FORMATION</u>	<u>DEPTH</u>
Rustler Anhydrite	540'
Top of Salt	670'
Base of Salt	1570'
Queen	2650'
Grayburg	3050'
San Andres	3430'
TD	4800'

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&C X-42	20#	350'
7 7/8"	5 1/2"	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

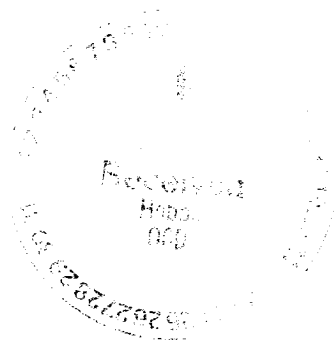
B. Logging Program:

<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

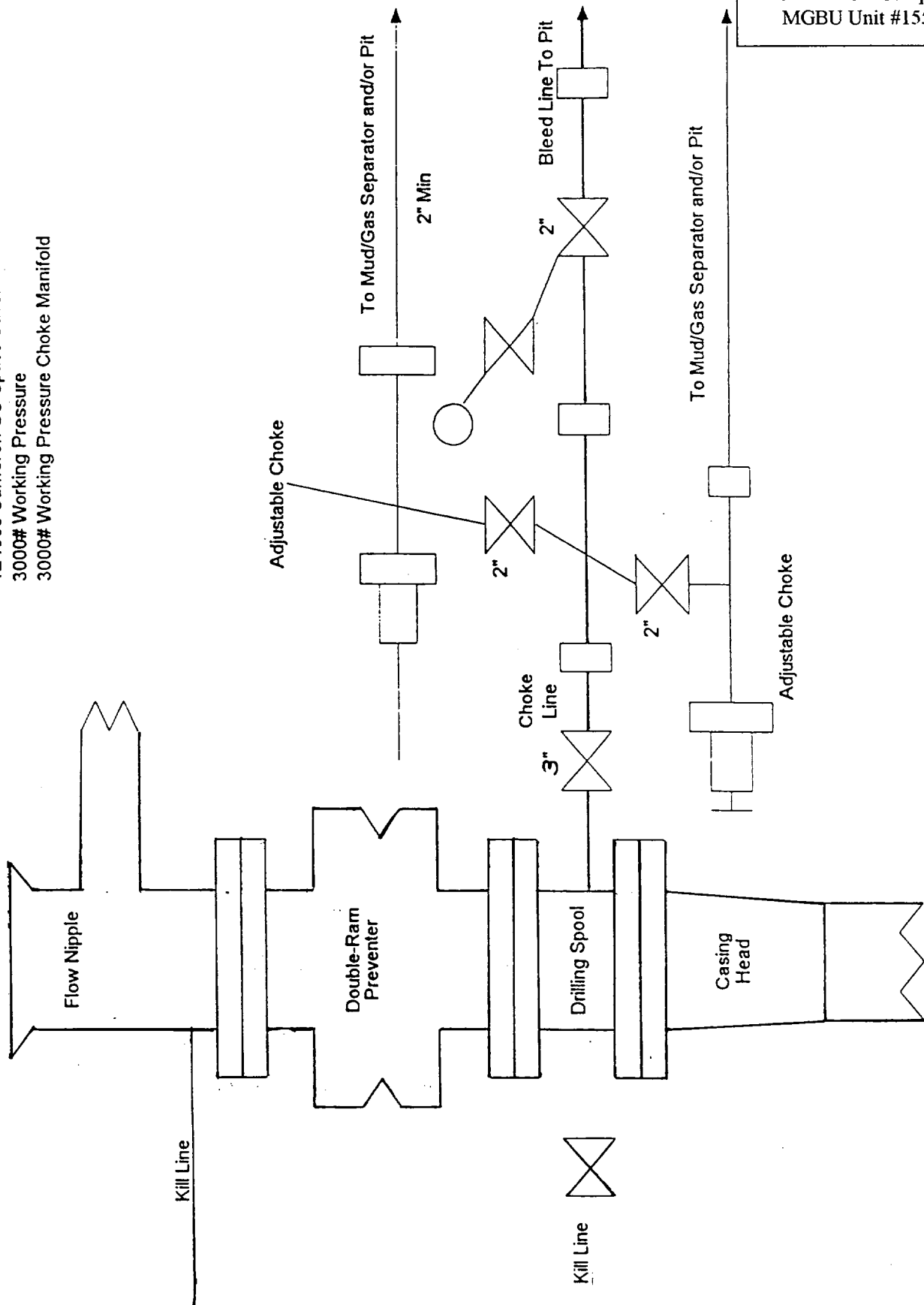


EXHIBIT "H"

BOP LAYOUT

The Wiser Oil Company  
MGBU Unit #155





## EXHIBIT "D"

## 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

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

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## DISTRICT IV

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

## OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-025- 33874</b>	Pool Code <b>43329</b>	Pool Name <b>Maljamar Grayburg San Andres</b>
Property Code <b>11844</b>	Property Name <b>MALJAMAR GRAYBURG UNIT</b>	Well Number <b>155</b>
OGRID No. <b>22922</b>	Operator Name <b>THE WISER OIL COMPANY</b>	Elevation <b>4159'</b>

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	10	17 S	32 E		1880	NORTH	2080	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 <b>40</b>	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

	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  <i>Michael R. Burch</i> Signature <b>Michael R. Burch, CPL</b> Printed Name <b>Agent for The Wisner Oil Company</b> Title <b>2-7-97</b> Date
	<b>SURVEYOR CERTIFICATION</b>  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.  <b>FEBRUARY 1, 1997</b> Date Surveyed Signature & Seal of Professional Surveyor <i>Ronald J. Edson</i> CDG <b>2-05-97</b> <b>87-11-0188</b>
	Certificate No. <b>JOHN W. WEST 676</b> <b>RONALD J. EDSON 3239</b> <b>RONALD J. EDSON 12641</b>

2/27/08

