

OPER. OGRID NO. 22766

UNIT

PROPERTY NO. 11844

ICATE \*

FORM APPROVED

OMB NO. 1004-0136

Expires: February 28, 1995

DEPARTMENT

POOL CODE 43329

locations on

side)

COMMISSION

BUREAU OF L

EFF. DATE 7/12/97

APPLICATION FOR

API NO. 30-025-34112

1a TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL  
WELL ☒

GAS  
WELL ☐

OTHER ☐

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 1235' FNL & 2527' FEL, Unit B

At proposed prod. Zone 1235' FNL & 2527' FEL, Unit B

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

± 1/2 mile southwest of Maljamar, NM

15. DISTANCE FROM PROPOSED \*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

1207'

16. NO. OF ACRES IN LEASE

760.00

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.

963.8'

19. PROPOSED DEPTH

4800'

20. ROTARY OR CABLE TOOLS

Rotary

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

4107'

22. APPROX. DATE WORK WILL START \*

ASAP

23. PROPOSED CASING AND CEMENTING PROGRAM

Roswell Controlled Water Basin

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8" 8RD ST&C J-55	24 23#	400'	Circulate
7 7/8"	5 1/2" J-55	17#	4800'	Sufficient to bring out 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": 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, CPL

TITLE

Agent for The Wiser Oil Company

DATE

7-16-97

(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

TITLE

40M. MINERALS

DATE

8-28-97

\*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

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, NM 87504-2088

State of New Mexico

Energy, Minerals and Natural Resources Department

EXHIBIT "D"

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 30-025-34117	Pool Code 43329	Pool Name Maljamar Grayburg San Andres
Property Code 11844	Property Name M.G.B.U.	Well Number 103
OGRID No. 022922	Operator Name THE WISER OIL COMPANY	Elevation 4107

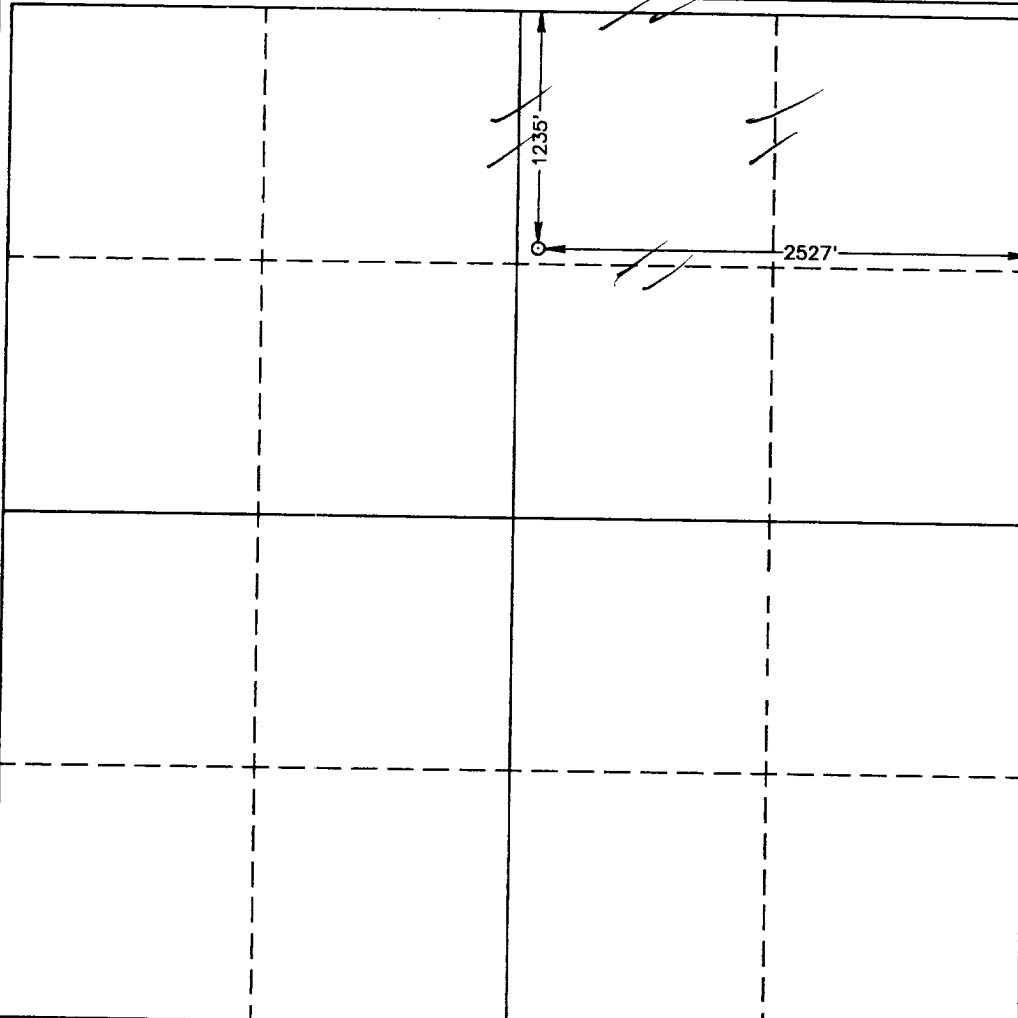
Surface Location

UL or lot No. B	Section 9	Township 17 S	Range 32 E	Lot Idn	Feet from the 1235	North/South line NORTH	Feet from the 2527	East/West line EAST	County LEA
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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

	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Michael R. Burch</i> Signature Michael R. Burch, CPL Printed Name Agent for The Wiser Oil Company Title 7-16-97 Date</p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>JUNE 29, 1997 Date Surveyed Signature &amp; Seal of Professional Surveyor RONALD J. EIDSON 3239 W.O. 97-1151077 Certificate No. 676 RONALD J. EIDSON, 3239 GARY G. EIDSON, 12641</p>
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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

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

OIL CONSERVATION DIVISION

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

DISTRICT IV  
P.O. Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name
Property Code	Property Name M.G.B.U.		Well Number 103
OGRID No.	Operator Name THE WISER OIL COMPANY		Elevation 4107

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Dedicated Acres		Joint or Infill	Consolidation Code	Order No.					

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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the information contained herein is true and correct to the best of my knowledge and belief.</p> <p>Signature _____</p> <p>Printed Name _____</p> <p>Title _____</p> <p>Date _____</p>
	<p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>JUNE 26, 1997</p> <p>Date Surveyed _____ JLP</p> <p>Signature &amp; Seal of Professional Surveyor _____</p>
	<p>W.O. Num. 97-11-1077</p>
	<p>Certificate No. JOHN W. WEST, 676 RONALD J. EIDSON, 3239 GARY G. EIDSON, 12641</p>

## DRILLING PROGRAM

- | <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'        |

- | <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                                   |

- | <u>HOLE<br/>SIZE</u> | <u>CASING<br/>SIZE</u> | <u>GRADE</u>                                 | <u>WEIGHT<br/>PER FOOT</u>    | <u>DEPTH</u> |
|----------------------|------------------------|--|-------------------------------|--------------|
| 12 1/4"              | 8 5/8"                 | New 8RD ST&C <del>X-42</del> <sup>5-55</sup> | <del>24</del> <sup>20</sup> # | 350'         |
| 7 7/8"               | 5 1/2"                 | New 8RD LT&C <del>X-42</del> <sup>5-55</sup> | 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

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ROSWELL OFFICE

B. Logging Program:

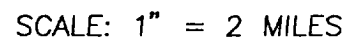
<u>LOG</u>	<u>Interval</u>
GR-DLL-MSFL-Cal	T.D. - 2,300'
GR-CNL-CDL-Cal	T.D. - Surface

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.

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SEC. 9 TWP. 17-S RGE. 32-E  
SURVEY \_\_\_\_\_ N.M.P.M. \_\_\_\_\_  
COUNTY \_\_\_\_\_ LEA \_\_\_\_\_  
DESCRIPTION 1235' FNL & 2527' FEL  
ELEVATION \_\_\_\_\_ 4107' \_\_\_\_\_  
OPERATOR THE WISER OIL CO.  
LEASE \_\_\_\_\_ M.G.B.U. \_\_\_\_\_

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

# BOP & CHOKE MANIFOLD

12"1900 Cameron SS Space Saver  
 3000# Working Pressure  
 3000# Working Pressure Choke Manifold

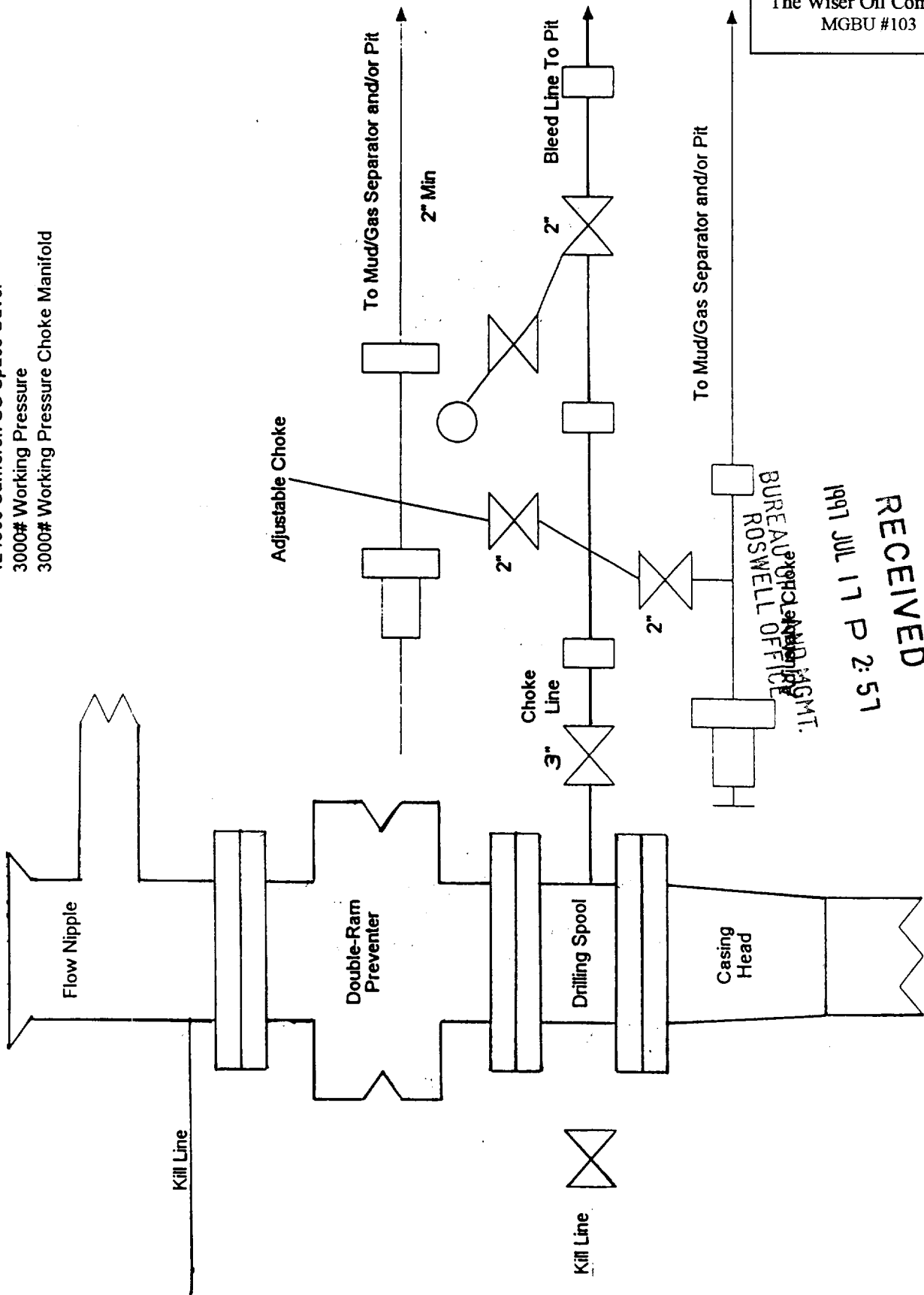


EXHIBIT "H"

BOP LAYOUT

The Wiser Oil Company  
 MGBU #103

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 ROSWELL OFFICE