

OPER. OGRID NO. 22922 **QN**

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

UNIT ID ST. PROPERTY NO. 14578 **24r**

DEPARTMENT OF THE INTERIOR POOL CODE 43320

BUREAU OF LAND MANAGEMENT EFF. DATE 5/7/96

APPLICATION FOR PERMIT API NO. 30-025-33420

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

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 1332' FSL & 1310' FEL, Unit I
At proposed prod. Zone 1332' FSL & 1310' FEL, Unit I

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

± 4 miles Southeast of Maljamar, New Mexico

15. DISTANCE FROM PROPOSED *
LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT. 12'
(Also to nearest drlg. unit line, if any)

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. 921'

19. PROPOSED DEPTH
4800'

20. ROTARY OR CABLE TOOLS
Rotary

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

Roswell Controlled Water Well

22. APPROX. DATE WORK WILL START *
December 1, 1996

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<u>12 1/4"</u>	<u>8 5/8" J-55</u>	<u>24#</u>	<u>550'</u>	<u>Circulate</u>
<u>7 7/8"</u>	<u>5 1/2" J-55</u>	<u>17#</u>	<u>4800'</u>	<u>Sufficient to bring cmt 100'</u>
				<u>above 8 5/8" casing shoe.</u>

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

Subject to
Special Requirements and
Special Stipulations
Attached

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 TITLE Agent for The Wiser Oil Company DATE 4-2-96
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 /s/ Yolanda Vega TITLE _____ DATE _____

*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.

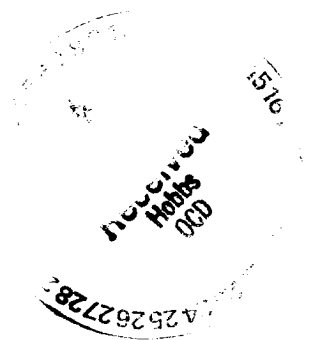


EXHIBIT "A"

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 J-55	24#	550'
7 7/8"	5 1/2"	New 8RD LT&C J-55	17#	4800'

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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:

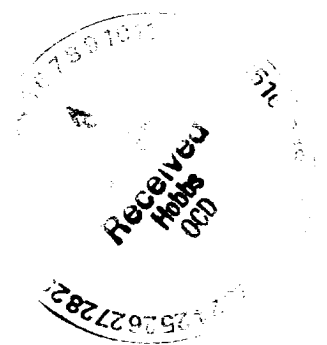
Will install on the 8 5/8" surface casing a 10" Series 900 Type "E" Shaffer Double Hydraulic BOP and will test before drilling in the Queen formation. BOP working pressure: 3000 psi. See Exhibit "H" for BOP layout.

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:

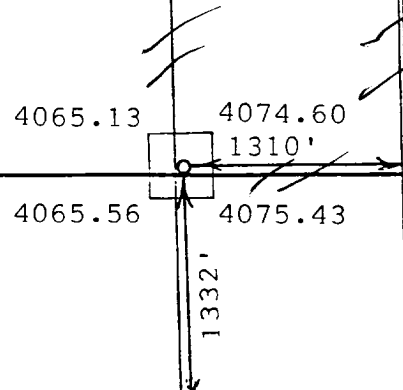
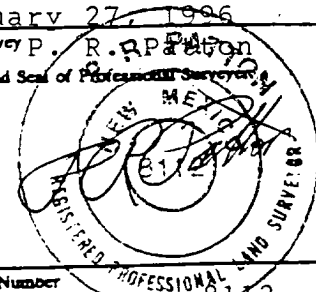
<u>LOG</u>	<u>Interval</u>
GR-DLL-MSFL-Cal	T.D. - 2,300'
GR-CNL-CDL-Cal	T.D. - Surface

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.



16		<p>17 OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i></p> <p>Signature <u>Michael R. Burch</u></p> <p>Printed Name <u>MICHAEL R. BURCH</u></p> <p>Title <u>AGENT FOR THE WIXOM OIL CO.</u></p> <p>Date <u>4-2-96</u></p>
		<p>18 SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>Date of Survey <u>February 27, 1996</u></p> <p>Signature and Seal of Professional Surveyor <u>R. R. Patton</u></p> <p style="text-align: right;">  </p> <p>Certificate Number <u>8112</u></p>

