

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

2-19-97 ROM

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☐

DEEPEN ☐

- RESUBMISSION
- Re-Entry

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☐

Water
Injection Well

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 1980' FNL & 660' FEL, Unit H

At proposed prod. Zone 1980' FNL & 660' FEL, Unit H

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

± .6 miles Northwest of Maljamar, New Mexico

15. DISTANCE FROM PROPOSED *
LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT. 660'
(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION *

TO NEAREST WELL, DRILLING, COMPLETED 1320'
OR APPLIED FOR, ON THIS LEASE, FT.

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

4218' GR

16. NO. OF ACRES IN LEASE

120.00

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

19. PROPOSED DEPTH

4700'

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START *

ASAP

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Existing 11"	8 5/8"	24#	313'	250 Sacks
Existing 7 7/8"	5 1/2"	14#	4398'	300 Sacks

Re-enter well P&A'd in 1975. Clean out & deepen to approximately 4700'. Log. If casing is corroded, run liner with sufficient amount of cement to circulate to surface. Perforate Grayburg and San Andres field pays. Stimulate as necessary. Complete as water injection well.

Duration of operations: approximately 14 days
See attached Exhibits "A" - "H" for complete program.

OPER. GRID NO. 22922

PROPERTY NO. 11844

POOL CODE 43328

EFF. DATE 10/11/97

API NO. 30-025-00463

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive & deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give

24.

SIGNED

Michael R. Burch, CPL

TITLE

Agent for The Wiser Oil Company

DATE

2-14-97

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. SGL. ION

ERGUSON

TITLE

OM. MINERALS

DATE

3-6-97

*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.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

EXHIBIT "D" FORM C-128
 Revised 5/1/57

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

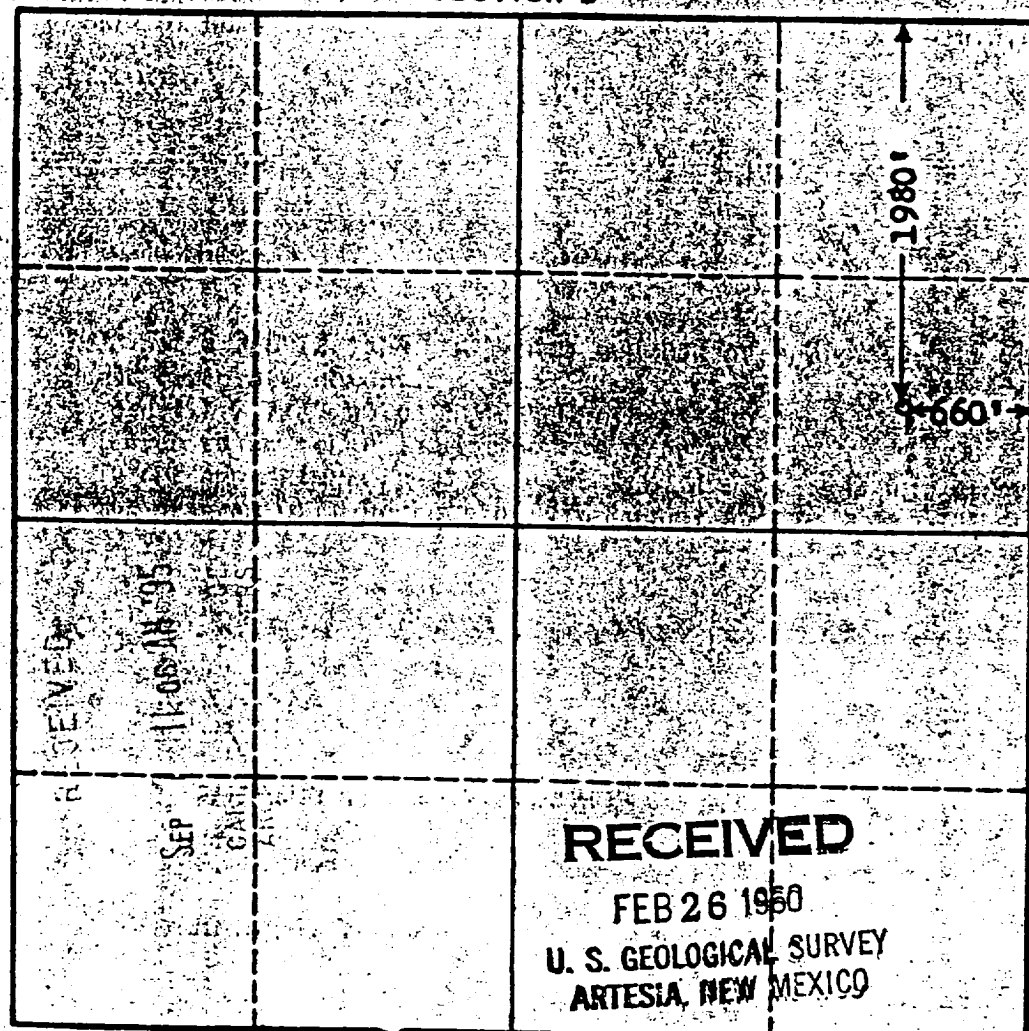
SECTION A

Operator <u>The Wiser Oil Company</u> <u>Santiago Oil & Gas Co.</u>		Lease <u>Maljamar Grayburg Unit</u> <u>Atlantic Federal</u>		Well No. <u>#18</u> <u>#2</u>
Unit Letter <u>H</u>	Section <u>4</u>	Township <u>17 South</u>	Range <u>32 East</u>	County <u>Lea County</u>
Actual Footage Location of Well: <u>1980</u> feet from the <u>North</u> line and <u>660</u> feet from the <u>East</u> line				
Ground Level Elev. <u>4219.7</u>	Producing Formation <u>Grayburg-Lan Artesian</u>	Pool <u>Roberts</u>	Dedicated Acreage: <u>40</u> Acres	

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO ☐ ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES ☐ NO ☐ If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

SECTION B



CERTIFICATION

I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

SANTIAGO OIL & GAS CO.
Maljamar Grayburg Unit
Atlantic Federal
Roberts
Lea County
February 26, 1960

I hereby certify that the well location shown on the plat in SECTION B 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 knowledge and belief.

Date Surveyed 2-22-60
 Registered Professional Engineer and/or Land Surveyor, JOHN W. WEST
John W. West
 Certificate No. N.M. - P.E. & L.S. NO. 676

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

EXHIBIT "A"

MGBU #18

DRILLING PROGRAM

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

II. Tops of Geological Markers:

<u>FORMATION</u>	<u>DEPTH</u>
Rustler Anhydrite	1060'
Top of Salt	1290'
Base of Salt	2220'
Queen	3365'
Grayburg	3718'
San Andres	4144'
TD	4700'

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	Grayburg and San Andres below 3900'
Gas	None anticipated

IV. A. Existing Casing:

<u>HOLE SIZE</u>	<u>CASING SIZE</u>	<u>GRADE</u>	<u>WEIGHT PER FOOT</u>	<u>DEPTH</u>
11"	8 5/8"		24#	313'
7 7/8"	5 1/2"		14#	4398'

B. Existing Cement Program:

8 5/8" Cmt w/ 250 sx.

5 1/2" Cmt w/ 300 sx

If casing is corroded, liner will be run with sufficient amount of cement to circulate to surface.

V. Proposed Mud Program:

The well will be re-entered using brine & fresh water.

VI. Proposed Control Equipment:

Will install on the 8 5/8" surface casing a 10" Series 900 Type "E" Shaffer Double Hydraulic BOP. 3000# Working Pressure/5000# Tst B.O.Ps. 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-CNL-CCL	T.D. - 2,300'

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

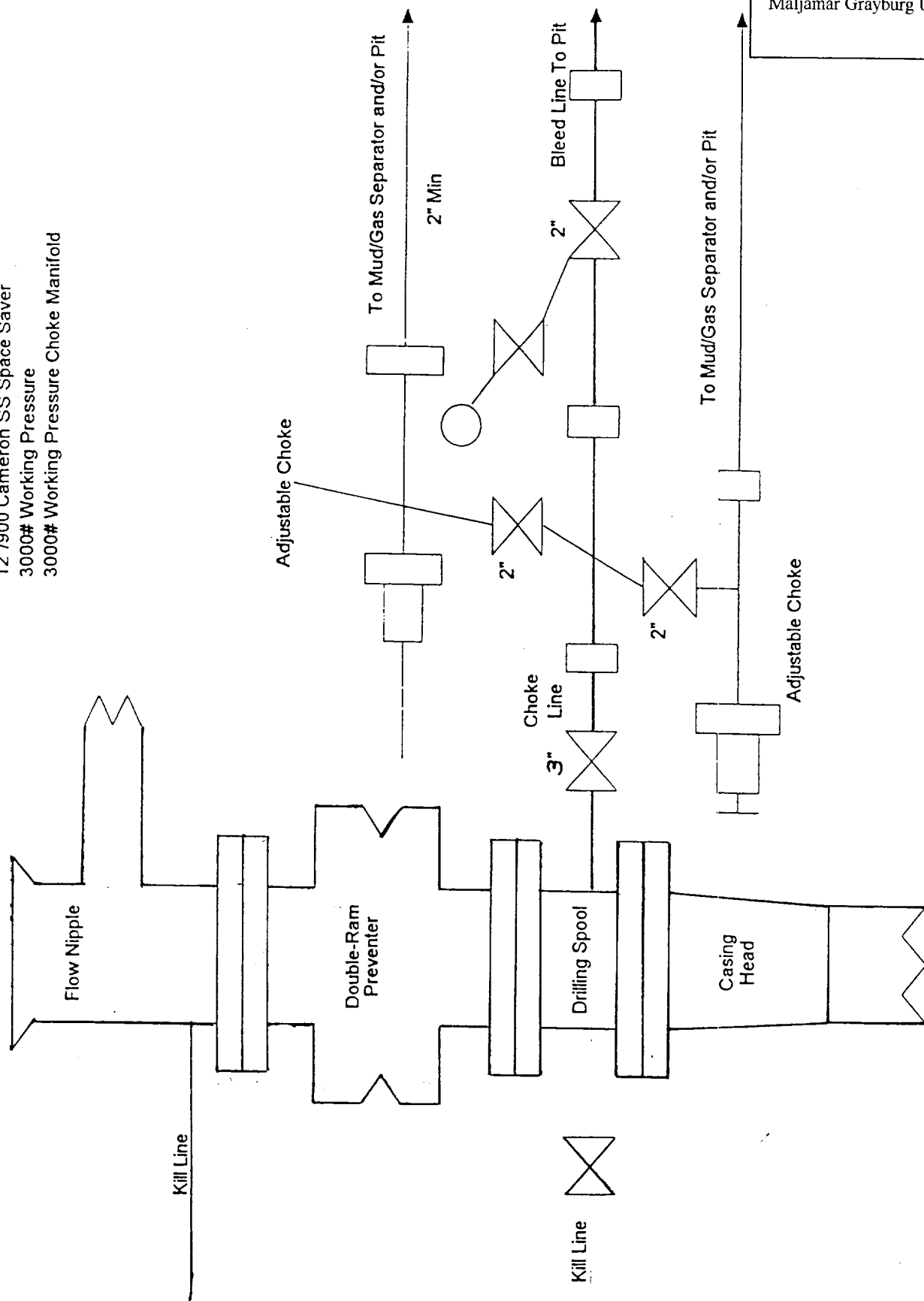


EXHIBIT "H"

BOP LAYOUT

Maljamar Grayburg Unit #18