

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

Operator SUN OIL COMPANY			Lease El Paso - Federal		Well No 1
Unit Letter M	Section 10	Township 22 NORTH	Range 6 WEST	County SANDOVAL	
Actual Footage Location of Well: 660 feet from the SOUTH line and 660 feet from the WEST line					
Ground Level Elev. 7125	Producing Formation Penn. Carbonate		Pool Wildcat	Dedicated Acreage: 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty),
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?
☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.

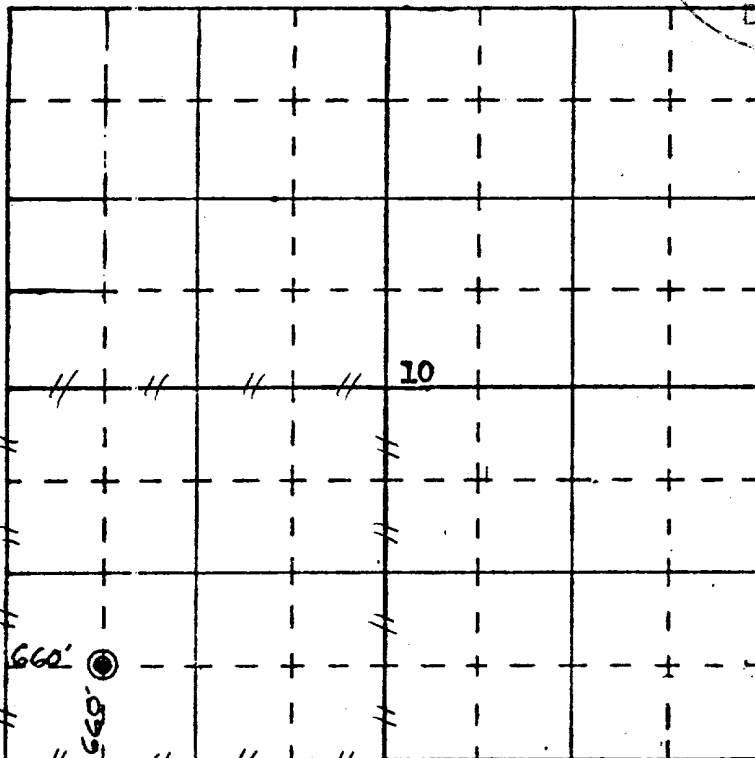
CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name _____
 Position *Charles Gray*
 Proration Clerk
 Company _____
 Sun Oil Company
 Date _____
 September 1, 1972

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 knowledge and belief.

Date Signed _____
 Registered Professional Engineer
 and/or Land Surveyor
 State of New Mexico
 Certificate No. **1463**
 James P. Leese



N

SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-043-20098

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☐MULTIPLE
ZONES ☐

2. NAME OF OPERATOR

SUN OIL COMPANY

3. ADDRESS OF OPERATOR

P. O. Box 1861, Midland, Texas 79701

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

At surface

660 FSL & 660' FWL Sec. 10 T-22-N - R-6-W Unit Letter M

At proposed prod. zone
Same

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

5.4 mi So. on Hwy 44 from Counselor East $\frac{1}{4}$ mile

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

1440

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION*

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

None

19. PROPOSED DEPTH

12800

20. ROTARY OR CABLE TOOLS

Rotary

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

Grd - 7125'

22. APPROX. DATE WORK WILL START*

Sept. 1, 1972

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 $\frac{1}{2}$	13-3/8	48#-H	350	325 sx-Circulate to surf
17 $\frac{1}{4}$	8-5/8	32#-K & S-80	6520	650 sx-Est TOC 4850' w/30% exc.
7-7/8	5-1/2	17# & 20# N-80	12800	Unknown - Est 500 sx

1. Set 13-3/8" O.D. surface casing at approx 350' - circulate cement to surface. WOC 18 hrs. Tst 500 psi for 30 min.
2. Set 8-5/8" O.D. intermediate casing at approx 6520. (Top Morrison 6470'). Use sufficient cement to bring TOC to 4850' - (Top Gallup 5150'). WOC 18 hrs. Run electric logs before setting 8-5/8" casing. Test @ 800 psi.
3. Drill 7-7/8" hole to anticipated TD of 12800' in the Pre-Cambrian. Set 5 $\frac{1}{2}$ " O.D. casing. Exact casing point to be determined by lower most producing zone.
4. Cement 5 $\frac{1}{2}$ " casing with sufficient cement to extend to minimum of 500' above uppermost production interval. WOC 24 hrs. & Tst @ 1000 psi.

Blow Out Preventer Program: Equipment will be installed immediately after surface casing is cemented and immediately after intermediate casing is cemented. Will use 12" API Series 1500 Double gate and Hydril. Equip. will be tested to 1000# on installation and will be operated every 24 hrs.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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

Charles Gray

TITLE

Proration Clerk

DATE

9/1/72

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*Hand C-100 for
NSC for gas*

*See Instructions On Reverse Side

U. S.

PERMIT NO.

TITLE

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:*Hand C-100 for
NSC for gas*

*See Instructions On Reverse Side

U. S.