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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
K-362

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Harris State	
2. Name of Operator SUN OIL COMPANY		9. Well No. 3-1	
3. Address of Operator Box 1861, Midland, Texas 79701		10. Field and Pool, or Wildcat Mescalero San Andres	
4. Location of Well UNIT LETTER J LOCATED 2310 FEET FROM THE East LINE AND 2260 FEET FROM THE South LINE OF SEC. 23 TWP. 10 S RGE. 32E NMPM		12. County Lea	
19. Proposed Depth 4350		19A. Formation San Andres	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 4313.9 Gd.	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor To be Selected	
22. Approx. Date Work will start December 1, 1970			

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4	8-5/8	20	350	200	Circulate
7-7/8	4-1/2	9.5	4350	200	

1. Drill to approx. 350', Run 8-5/8" OD casing to total depth. Cement with sufficient cement to circulate. WOC 18 hrs. Test casing to 800 Psi for 30 minutes.
2. Drill 7-7/8" hole to approximately 4350'. Run 4-1/2" OD casing to T.D. Cement with 200 sx.4% Gel Cement. Run temperature Survey. WOC 24 hrs. Test casing to 1000 Psi for 30 minutes.
- 3 Run Electric Logs inside casing. (No open Hole logs will be run)
4. Completion Procedure will be determined by log analysis. Anticipate selectively perforating the San Andres, treating perforations with 2000 gal. acid followed by a frac treatment of 38,500 gals. Gelled Water & 29,000# 20-40 Sand.

NOTE: This well is located 50' South of Harris State No. 3 & is being drilled as a replacement well for No. 3 Well No. 3 is TA with a casing failure. Form C-103 is being filed for the plugging of the TA Well.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed W. E. Westbrook, Jr. District Drilling Engineer Date November 19, 1970

(This space for State Use)

APPROVED BY [Signature] TITLE [Signature] DATE 11/19/70
CONDITIONS OF APPROVAL, IF ANY:

2-23-71

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OIL CONSERVATION COM'L
HOOPER, N. H.

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

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

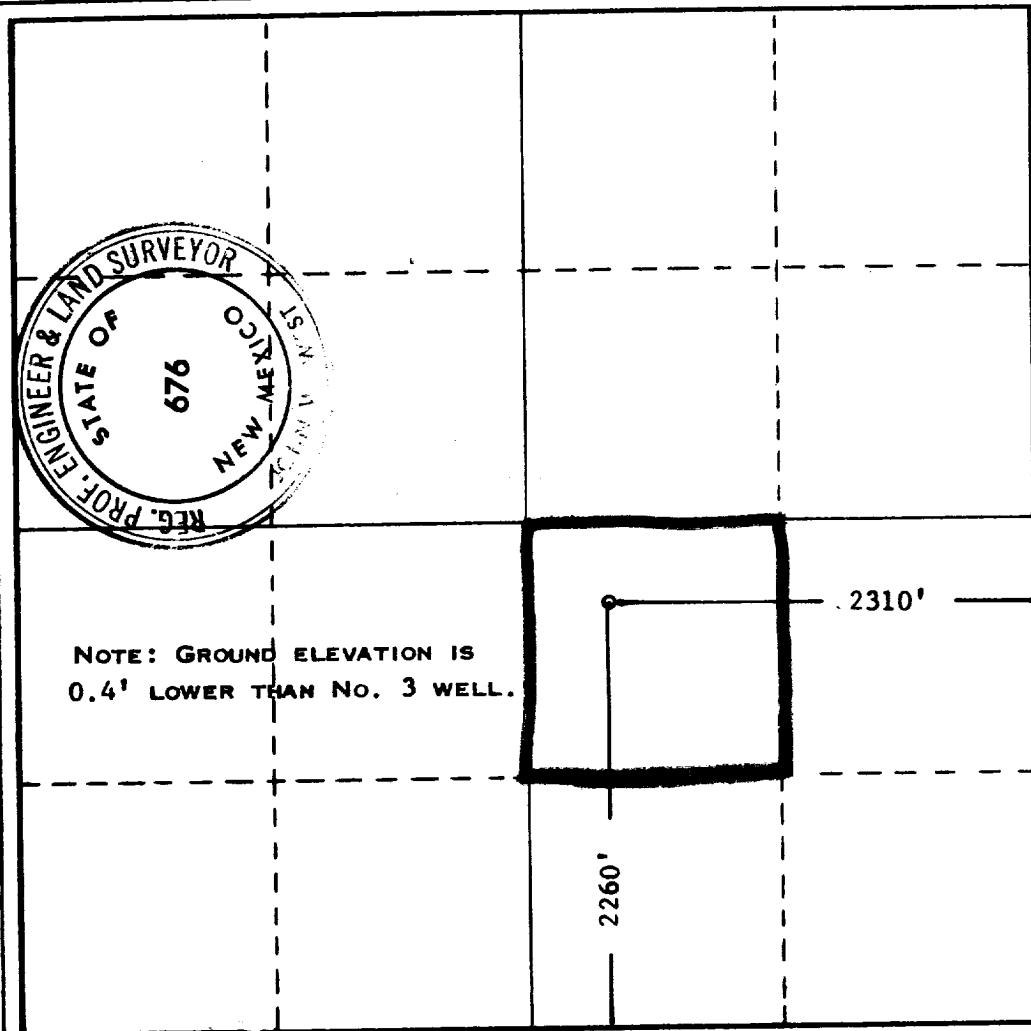
Operator SUN OIL COMPANY			Lease HARRIS STATE		Well No. 3-1
Unit Letter J	Section 23	Township 10 SOUTH	Range 32 EAST	County LEA	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 2260 feet from the SOUTH line and 2310 feet from the EAST line </div>					
Ground Level Elev. 4313.9	Producing Formation San Andres	Pool Mescalero	Dedicated Acreage: 40 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 been 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.

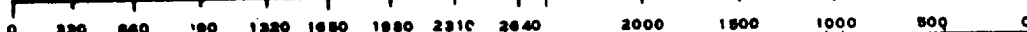
W. E. Westbrook, Jr.
 Name
W. E. Westbrook, Jr.
 Position
District Drilling Engineer
 Company
SUN OIL COMPANY
 Date
November 19, 1970

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 Surveyed
Nov. 14, 1970

Registered Professional Engineer
 and/or Land Surveyor

John W. West
 Certificate No. **676**



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OIL CONSERVATION COMM.
HOBBBS, N. H.