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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>

5. State Oil & Gas Lease No.
-

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/> 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 <b>A Christmas</b>	
2. Name of Operator <b>Sun Oil Company</b>		9. Well No. <b>1</b>	
3. Address of Operator <b>Box 1861, Midland, Texas 79701</b>		10. Field and Pool, or Wildcat <b>Drinkard</b>	
4. Location of Well UNIT LETTER <b>N</b> LOCATED <b>669</b> FEET FROM THE <b>South</b> LINE <b>1986.4</b> FEET FROM THE <b>West</b> LINE OF SEC. <b>1</b> TWP. <b>22S</b> RGE. <b>37E</b> NMPM		12. County <b>Lea</b>	
21. Elevations (Show whether DF, RT, etc.) <b>GR.3348.7 DF.3361</b>		19. Proposed Depth <b>7250</b>	19A. Formation <b>Drinkard/Abo</b>
21A. Kind & Status Plug. Bond <b>Blanket</b>	21B. Drilling Contractor <b>To Be Bid</b>	20. Rotary or C.T. <b>Rotary</b>	
22. Approx. Date Work will start <b>6/11/73</b>			

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17"	13-3/8"	40#	320.00	350	Surf.
12"	9-5/8"	36#	2849.00	2050	-
8-3/4"	7"	23#	5245.00	300	-

1. MIRU - Circ. hole w/gel water.
2. Drill 5216' (PBD) to 7100' (Granite Wash) condition hole & log.
3. Run liner - 2100' 5", 11.5# ft. K-55 csg. & cmt. w/115 sx. CI. "C" w/4% gel. WOC.
4. Run PFC log & perf. Acdz. w/ est. 3000 gals. 15% HCL & swab.
5. Frac. w/est. 20,000 gals. gel oil & 40,000# 20/40 sand. & swab.
6. Run sd. pump clean out to PBD. Run tubing, rods & pump. RR.

### BOP Program:

10" Series 900 double - Hand wheel operated.

### Mud Program:

Baroid Low Loss (Gelled fresh water, 1 to 1 1/2#/bbl. quar. gum), 8.4 to 8.6#/gal.  
Vis. 32-36, WL (Max) 20.

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 Charles Gray Title Proration Clerk Date 5/25/73

(This space for State Use)

APPROVED BY John W. Morgan TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

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 <b>SUN OIL COMPANY</b>			Lease <b>A. CHRISTMAS</b>		Well No. <b>1</b>
Unit Letter <b>N</b>	Section <b>1</b>	Township <b>22 SOUTH</b>	Range <b>37 EAST</b>	County <b>LEA</b>	
Actual Footage Location of Well: <b>669</b> feet from the <b>SOUTH</b> line and <b>1986.4</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>3348.7</b>	Producing Formation <b>Drinkard/Abo</b>	Pool <b>Drinkard</b>	Dedicated Acreage: <b>40</b> Acres		

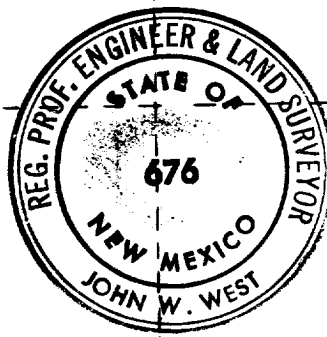
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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.

NOTE: ALL CORNERS OF THIS SECTION WERE OUT. THE SOUTHEAST CORNER WAS RESET USING GOOD CORNERS ALONG THE EAST SIDE OF SECTION 12. THE OIL WELLS AND DRY HOLE NEAR THE CORNER AS REESTABLISHED FIT FAIRLY WELL. USING THIS AS A BASE CONTROL THE USGLO BEARING AND DISTANCE WERE USED TO ESTABLISH THE SOUTHWEST CORNER AND SOUTH QUARTER CORNER. THE EXISTING WELL WAS TIED TO THE CORNERS ESTABLISHED IN THIS MANNER. NO CORNERS COULD BE FOUND ALONG THE SOUTH OR EAST LINES OF SECTION 2 OR THE WEST LINES OF SECTION 12.



CERTIFICATION

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

*Charles Gray*  
Name  
**Charles Gray**

Position  
**Proration Clerk**

Company  
**Sun Oil Company**

Date  
**5/25/73**

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  
**APRIL 2, 1973**

Registered Professional Engineer and/or Land Surveyor

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

