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LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease  
STATE ☐ REC ☒  
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input 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 LONG
2. Name of Operator SHELL OIL COMPANY		9. Well No. 4
3. Address of Operator P. O. BOX 991, HOUSTON, TX 77001		10. Field and Pool, or Wildcat EUNICE-MONUMENT (G-SA)
4. Location of Well UNIT LETTER N LOCATED 660 FEET FROM THE SOUTH LINE AND 1980 FEET FROM THE WEST LINE OF SEC. 11 TWP. 22-S RGE. 27-E NMPM		12. County LEA
19. Proposed Depth 5215'		19A. Formation SAN ANDRES
20. Rotary or C.T. ----		
21A. Kind & Status Plug. Bond BLANKET		21B. Drilling Contractor WORKOVER RIG
22. Approx. Date Work will start UPON APPROVAL		

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	36#	258'	200 SX	SURFACE
11"	8-5/8"	32#	2808'	800 SX	
7-3/8"	5-1/2"	15.5#	5214'	500 SX	

1. Pressure test casing for leaks.
2. Set cement retainer @ 3600'. Squeeze perfs 3698' to 3771' w/200 sx Class "C" + .3% Halad-4 + .4% CFR-2. WOC a minimum of 24 hrs.
3. Drill out cement and cement retainer @ 3600'. Pressure test squeeze to 500 psi. Drill out cement to 3850' and cement retainer @ 3850'. Clean out to 4500'.
4. Set CIBP @ 4500' and cap with 35' of cement.
5. Spot 300 gals 15% NEA double inhibited. Perforate 5-1/2" casing across San Andres zone 3851' to 4218' (418', 50 holes).
6. Acidize perfs 3851' to 4218' w/10,000 gals 15% NEA.
7. Install production equipment and return well to production.

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.

Sign Eddie Seay A. J. FORE Title SUPERVISOR REGULATORY & PERMITTING Date JUNE 30, 1983

(This space for State Use)

ORIGINAL SIGNED BY EDDIE SEAY

APPROVED BY OIL & GAS INSPECTOR TITLE DATE JUL 5 1983

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.

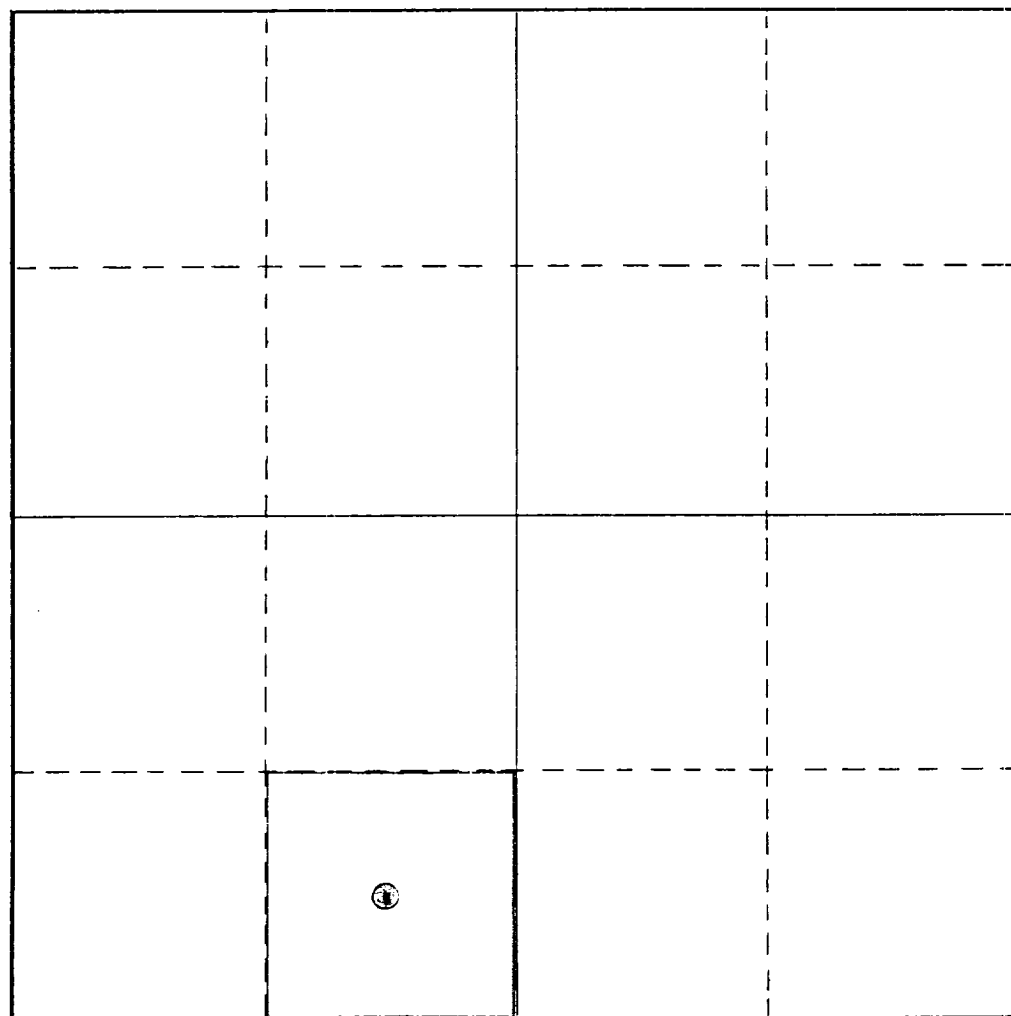
Operator <b>SHELL OIL COMPANY</b>			Lease <b>LONG</b>		Well No. <b>4</b>
Unit Letter <b>N</b>	Section <b>11</b>	Township <b>22-S</b>	Range <b>27-E</b>	County <b>LEA</b>	
Actual Footage Location of Well: <b>660</b> feet from the <b>SOUTH</b> line and <b>1980</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>3360' KB</b>	Producing Formation <b>SAN ANDRES</b>		Pool <b>EUNICE-MONUMENT (G-SA)</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.



CERTIFICATION

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

Name A. J. FORE  
Position SUPERVISOR REG. & PERMITTING  
Company SHELL OIL COMPANY  
Date JUNE 30, 1983

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

Registered Professional Engineer and/or Land Surveyor

Certificate No.

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