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NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED

JUN 10 1980

O. C. D.

ARTESIA OFFICE

30-015-23359

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease  
STATE ☒ FREE ☐

5. State Oil & Gas Lease No.  
E-7815

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. Firm or Lease Name Gulf St.	
2. Name of Operator Harlan Oil Co. ✓		9. Well No. 1	
3. Address of Operator P.O. Box 668, Artesia, N.M. 88210		10. Field and Pool, or Will be Und. E. Millman SA	
4. Location of Well UNIT LETTER B LOCATED 990 FEET FROM THE North LINE AND 1650 FEET FROM THE East LINE OF SEC. 21 TWP. 19S RGE. 28E N46PM		12. County Eddy	
1b. Proposed Depth 3000'		19A. Formation San Andres	20. Rotary or C.T. Rotary
21. Elevations (show whether DE, RT, etc.) 3524' GR	21A. Kind & Status Plug. Bond Statewide active	21B. Drilling Contractor Alta West Drilling Co.	22. Approx. Date Work will start 6/11/80

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8 5/8"	24#	565'	200	Circ.
7 7/8"	4 1/2"	10.50#	3000'	600	Circ.

We propose to drill to 3000' to test the San Andres formation. We will drill an 11" hole to 565', set 8 5/8" 24# casing and cement w/200 sax., reduce hole to 7 7/8" run 4 1/2" 10.50# casing and cement w/600 sax. We do not anticipate gas at these depths and will not set up a blowout preventer program at this time.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 9-10-80

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 Carolyn Davis Title Production Clerk Date 6/9/80

(This space for State Use)

APPROVED BY W.A. Gressett TITLE SUPERVISOR, DISTRICT II DATE JUN 10 1980

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.

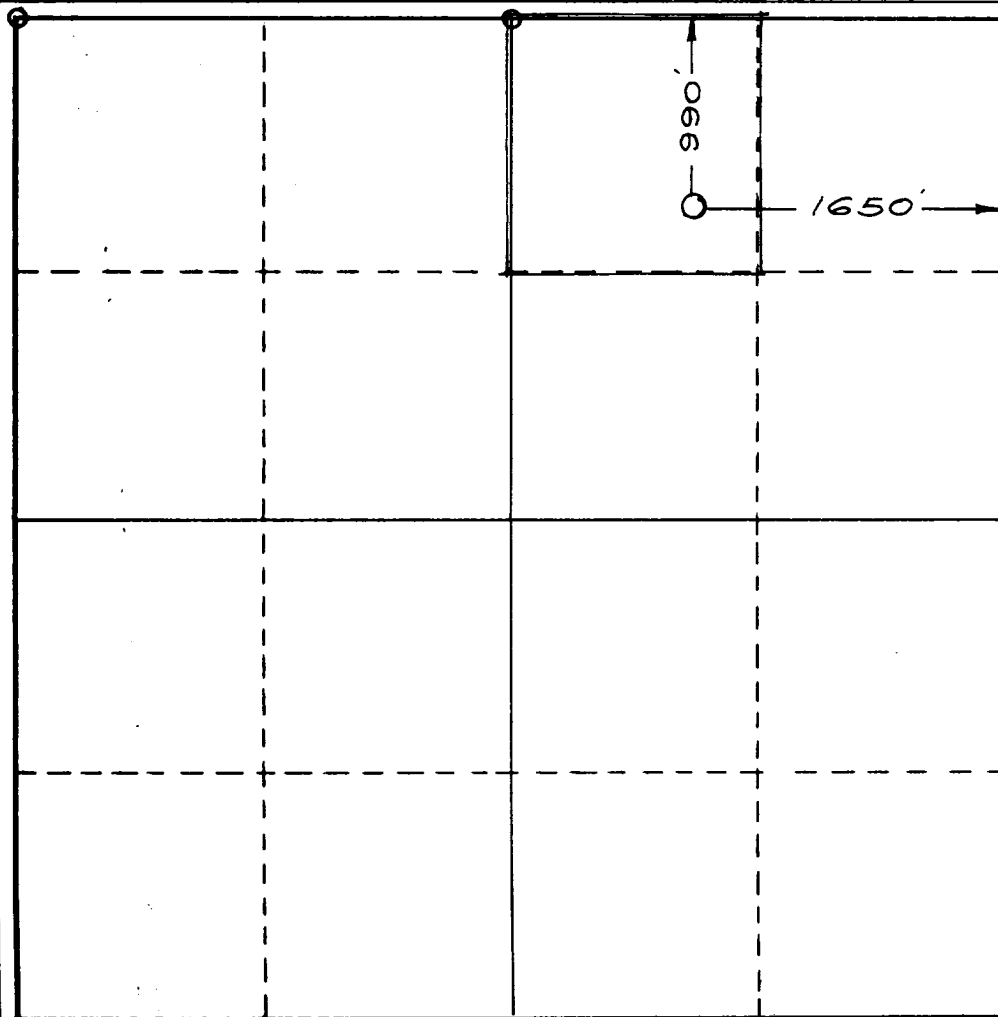
Operator <b>HARLAN OIL COMPANY</b>			Lease <b>GULF - STATE</b>		Well No. <b>1</b>
Unit Letter <b>B</b>	Section <b>21</b>	Township <b>19 South</b>	Range <b>28 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>990</b> feet from the <b>North</b> line and <b>1650</b> feet from the <b>East</b> line					
Ground Level Elev. <b>3524</b>	Producing Formation <b>San Andres</b>		Pool <b>Undesignated E. Millman SA</b>	Dedicated Acreage: <b>40</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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  
*Carolyn Davis*  
Position  
Production Clerk  
Company  
Harlan Oil Co.  
Date  
5/7/80

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 28 & May 1, 1980**  
Registered Professional Engineer  
and/or Land Surveyor

*Blair W. Stearns*  
Certificate No. **1559**