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NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED
JUN 25 1981
O. C. D.
ARTESIA, OFFICE

30-015-23860
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
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"/>	8. Farm or Lease Name Angell State
2. Name of Operator Harlan Oil Company	9. Well No. 5
3. Address of Operator P O Box 668, Artesia, N.M. 88210	10. Field and Pool, or Wildcat Millman SevenRivers East
4. Location of Well UNIT LETTER J LOCATED 1647 1707 FEET FROM THE South LINE AND 2270 FEET FROM THE East LINE OF SEC. 21 TWP. 19 S RGE. 28 E NMPM	12. County Eddy
19. Proposed Depth 1200'	19A. Formation Seven Rivers
20. Rotary or C.T. C T	
21. Elevations (Show whether DF, RT, etc.) 3465 G L	21A. Kind & Status Plug. Bond Statewide active
21B. Drilling Contractor Jenkins Bros Drlg Co.	22. Approx. Date Work will start 6-29-81

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12"	8 5/8"	24#	340'	100	circ.
7 7/8"	4 1/2"	10.50#	1200'	300	circ.

We propose to drill to 1200' to test the Seven Rivers formation. We will drill a 12" hole to 340' and set 8 5/8" 24# casing, reduce hole to 7 7/8" and drill on to 1200'. We will set 4 1/2" 10.50# production casing and cement with approximately 300 sx. We do not anticipate gas at this depth and will not set up a blowout preventer program at this time.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 1-7-82
UNLESS DRILLING UNDERWAY

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 Dorothy Hammond Title Secretary Date 6/24/81

(This space for State Use)

APPROVED BY W. A. Grassett TITLE SUPERVISOR, DISTRICT II DATE JUL 7 1981

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

JUL 2 1981

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

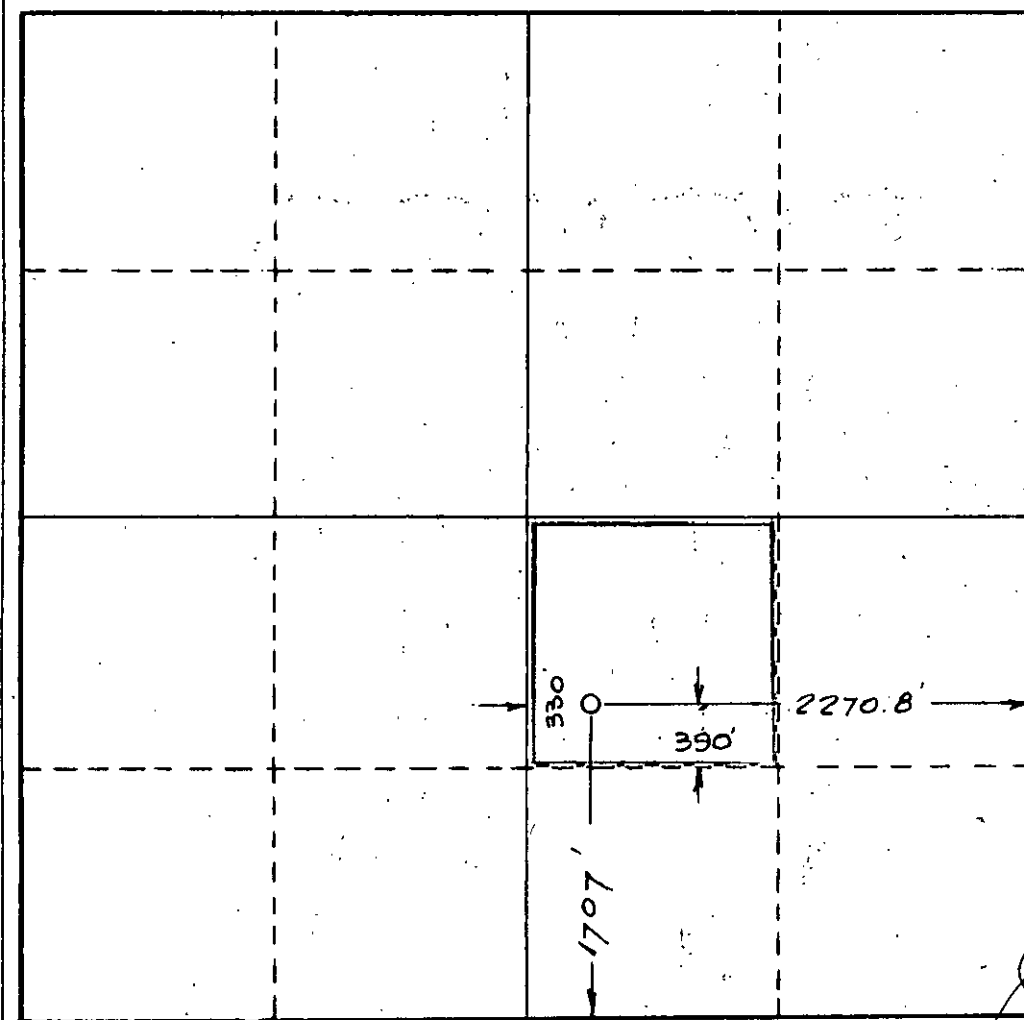
Operator HARLAN OIL COMPANY			Lease ANGELL STATE		Well No. 5
Unit Letter J	Section 21	Township 19 South	Range 28 East	County EDDY	
Actual Footage Location of Well: 1707 feet from the South line and 2270.8 feet from the East line					
Ground Level Elev. 3465	Producing Formation Seven Rivers	Pool Millman Seven Rivers East		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.

Shirley Loop

Name
Shirley Loop

Position
Agent

Company
Harlan Oil Company

Date
July 2, 1981

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 **June 29, 1981**
March 25 & 26, 1981

Registered Professional Engineer
 and/or Land Surveyor

W. W. Shearn

Certificate No. **1559**

