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NEW MEXICO OIL CONSERVATION COMMISSION

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Form C-101
Revised 1-1-65

SEP 16 1981

O. C. D.
ARTESIA OFFICE

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

1. Type of Work		7. Unit Agreement Name	
2. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Name of Operator HARLAN OIL COMPANY		8. Farm or Lease Name Angell State	
3. Address of Operator P O Box 668, Artesia, N. M. 88210		9. Well No. 6	
4. Location of Well UNIT LETTER J LOCATED 2305 FEET FROM THE South LINE 1628 FEET FROM THE East LINE OF SEC. 21 TWP. 19 S RGE. 28 E NMPM		10. Field and Pool, or Wildcat Millman Seven Rivers East	
11. Elevations (Show whether DF, RT, etc.) 3460 G L		12. County Eddy	
21A. Kind & Status Plug. Bond statewide active		19. Proposed Depth 1250	
21B. Drilling Contractor Jenkins Bros Drilg Co		19A. Formation Seven Rivers	
		20. Rotary or C.T. C T	
		22. Approx. Date Work will start 9/18/81	

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#	1250'	300	circ

We propose to drill to 1250' 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 1250'. 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 3-7-82
UNLESS DRILLING UNDERWAY

1. 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 Norothy Hammond Title Production Clerk Date 9/15/81
(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT M DATE SEP 17 1981
CONDITIONS OF APPROVAL, IF ANY:

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

Form C-102
Supersedes C-128
Effective 1-1-85

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

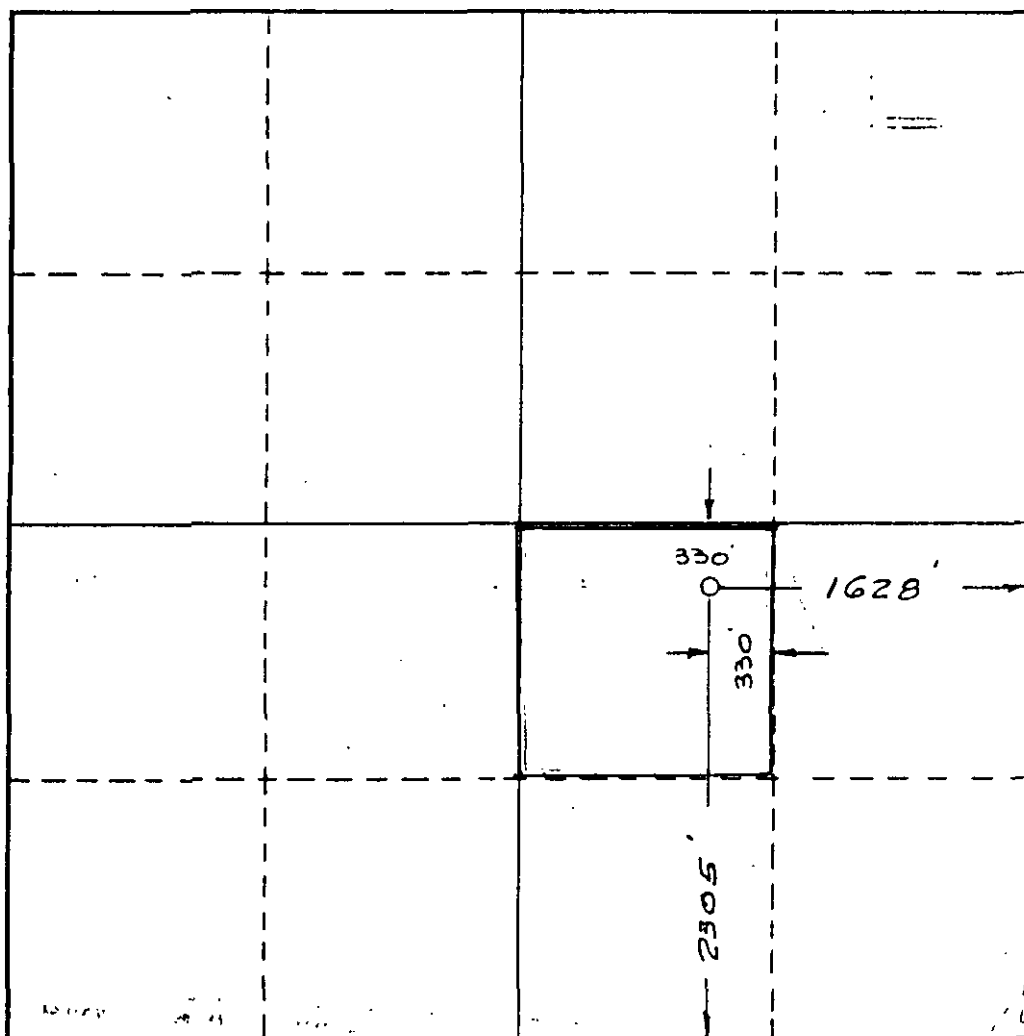
Operator HARLAN OIL COMPANY			Lease ANGELL STATE		Well No. 6
Unit Letter J	Section 21	Township 19 South	Range 28 East	County EDDY	
Actual Footage Location of Well: 2305 feet from the South line and 1628 feet from the East line					
Ground Level Elev: 3460	Producing Formation Seven Rivers		Pool Millman Seven Rivers East		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or 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.

Dorothy Hammond
Name

Dorothy Hammond

Position
Production Clerk

Company
Harlan Oil Company

Date
9/15/81

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
March 25 & 26, 1981

Registered Professional Engineer
and/or Land Surveyor

W. W. Sharn

Certificate No. **1559**

