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NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED
JUN 25 1981
O. C. B.
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
7. Unit Agreement Name
8. Farm or Lease Name Angell State
9. Well No. 5
10. Field and Pool, or Willacat Millman SevenRivers East
11. County Eddy
12. Proposed Depth 1200'
13A. Formation Seven Rivers
13. 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

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 type="checkbox"/> MULTIPLE ZONE <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 Willacat Millman SevenRivers East
4. Location of Well UNIT LETTER J LOCATED 1647 FEET FROM THE South LINE AND 2270 FEET FROM THE East LINE OF SEC. 21 TWP. 19 S RGE. 28 E NMPM	11. County Eddy
12. Proposed Depth 1200'	13A. Formation Seven Rivers
13. 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	

13.

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 Norothy Hammond Title Secretary Date 6/24/81

(This space for State Use)

SUPERVISOR, DISTRICT II

JUL 7 1981

APPROVED BY W.A. Gussett TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

V MEXICO OIL CONSERVATION COMMISS N
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.

JUL 2 1981

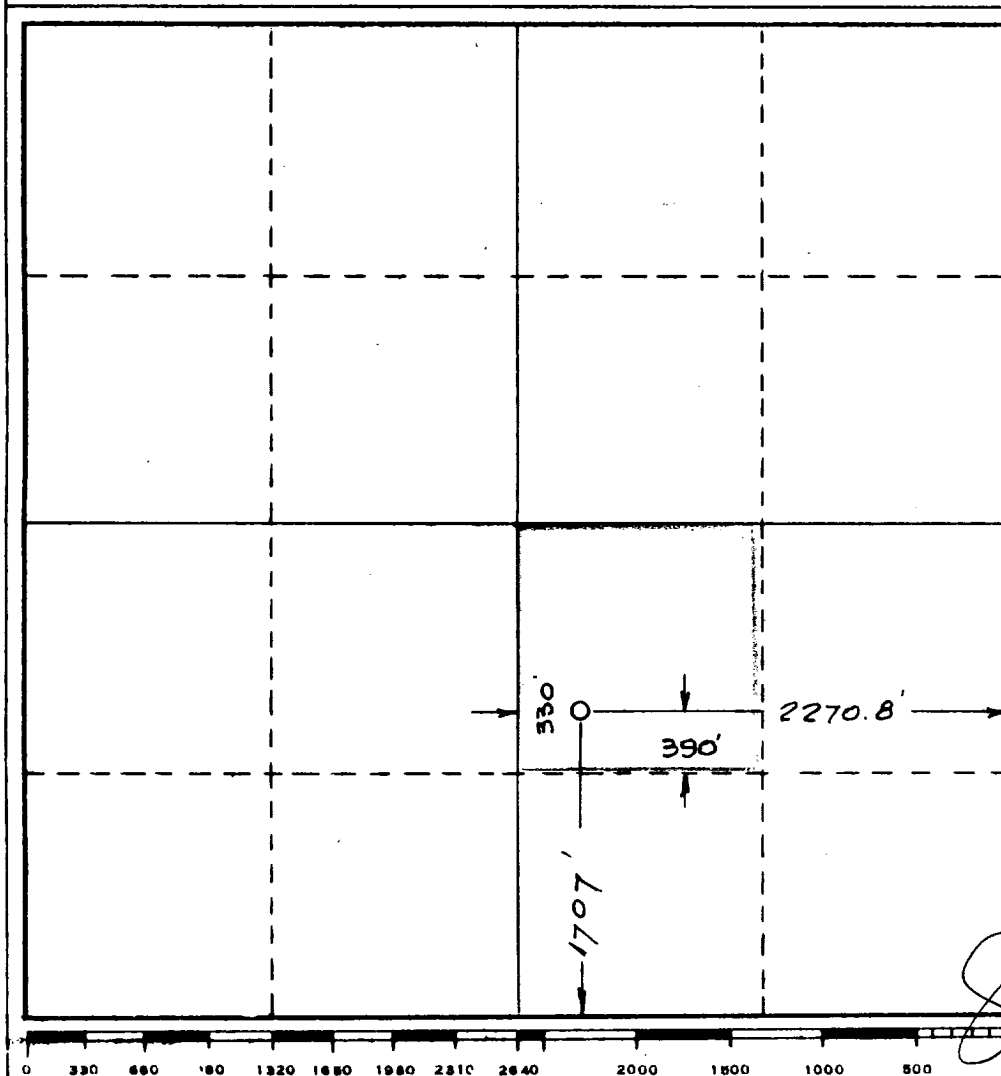
Operator HARLAN OIL COMPANY			Lease ANGELL STATE		Well No. 5
Unit Letter J	Section 21	Township 19 South	Range 28 East	County EDDY	
Actual Footage Location of Well: 1707 feet from the South line and 2270.8 feet from the East line					
Ground Level Elev. 3465	Producing Formation Seven Rivers		Pool Millman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

John W. Shear
Certificate No. **1559**

7/1/81

For O.C.C.

Angell State No. 5 was
staked in accordance
with "Manual of Instruction"
USDI - BLM which governs
all surveys in Public
Land States and in
accordance with GLO
Plat (now BLM) attached
for reference and a
Plat with Chains con-
verted to feet on section
21, T. 19 S., R. 28 E.

John W. Shearman

SHEARMAN SURVEYING CO.
Water Right Consultant - Surveyor
830 West Polk Ave. 505 396-2700
LOVINGTON, NEW MEXICO 88260

NOTE: No dependent resurvey
sections are regular

**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.

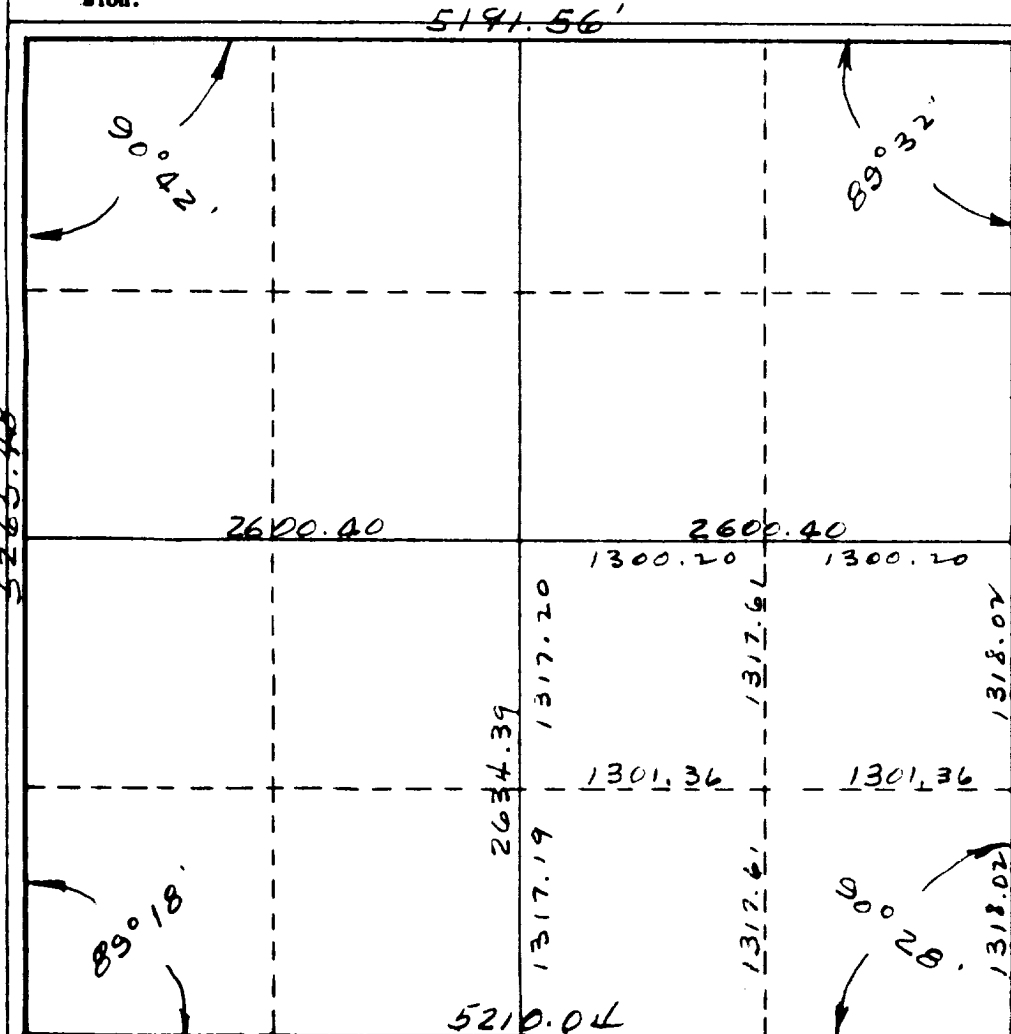
Operator			Lease			Well No.		
Unit Letter	Section 21	Township 19 S.	Range 28 E.	County Eddy				
Actual Footage Location of Well:								
feet from the		line and		feet from the		line		
Ground Level Elev.	Producing Formation		Pool		Dedicated Acreage:			
								Acres

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CERTIFICATION

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Shirley Loop
Name

Shirley Loop
Position

Agent
Company

HARLAN OIL
Date

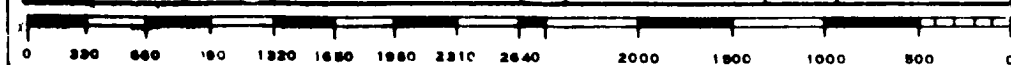
July 2, 1981

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.

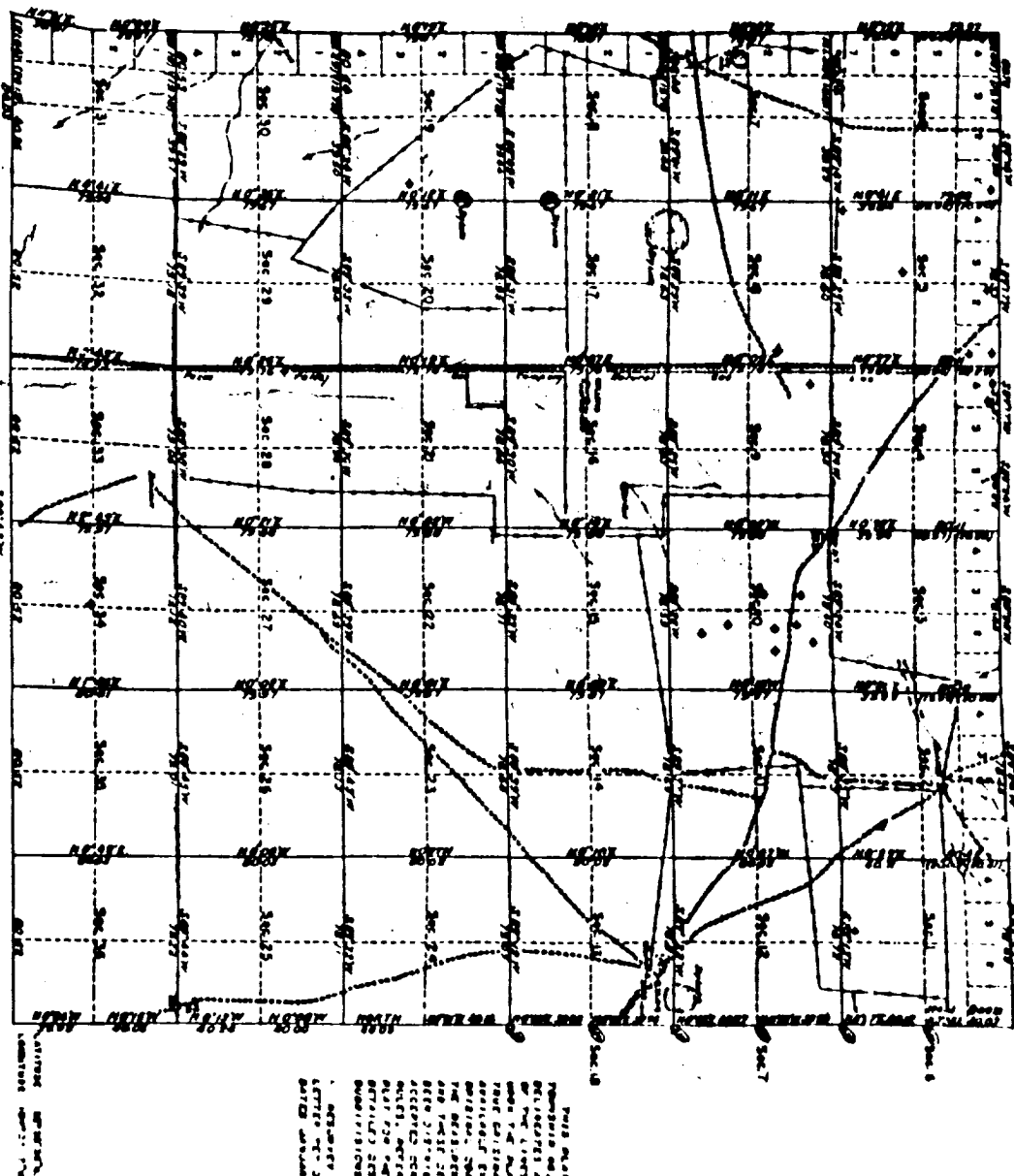
Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.



Dependent Resurvey



1. PROSECUTIVE DISCRETION OF THE PROSECUTOR'S OFFICE IN THE CASE OF OCTOBER 31, 1968 AND "C" LETTER NUMBER 7, 1961

[illegible]

23,000

Don't know why you
463/87007 0000 88/2079

Case No.	Name	Age	Sex	Occupation	Address	Date of Birth	Date of Death	Cause of Death	Place of Death	Remarks
1	John Doe	45	M	Farmer	123 Main St, Springfield, Ill.	1880-01-15	1925-03-10	Heart Disease	Home	...
2	Jane Smith	38	F	Teacher	456 Oak St, Chicago, Ill.	1885-05-20	1923-08-05	Tuberculosis	Hospital	...
3	Robert Brown	52	M	Engineer	789 Elm St, New York, N.Y.	1875-11-01	1927-02-15	Stroke	Hospital	...
4	Mary White	28	F	Homemaker	101 Pine St, Boston, Mass.	1895-07-10	1923-09-20	Pneumonia	Hospital	...
5	William Black	60	M	Retired	202 Cedar St, Philadelphia, Pa.	1865-03-05	1925-06-10	Old Age	Home	...

Information on the following items will be used in the 2000 Census. Survey data collected for the 1990 Census will be used in the 2000 Census.