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Form C-105
Revised 11-1-58

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease: State [X] Fee [ ]

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

1a. TYPE OF WELL

b. TYPE OF COMPLETION

OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER

NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER

7. Unit Agreement Name:

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 SR East

4. Location of Well

UNIT LETTER J LOCATED 1707 FEET FROM THE South LINE AND 2270 FEET FROM

THE East LINE OF SEC. 21 TWP. 19S RGE. 28E NMPM

12. County: Eddy

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
7/13/81	9/10/81	10/29/81	3465' GR	3465' GR

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
1250'	1225'		→		0-1250'

24. Producing Interval(s), of this completion — Top, Bottom, Name

Seven Rivers 1060-1189'

25. Was Directional Survey Made: No

26. Type Electric and Other Logs Run: Gamma ray neutron

27. Was Well Cored: No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	359'	12"	200 sax	
4 1/2"	10.50#	1249'	7 7/8"	250 sax	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	1209'	

31. Perforation Record (Interval, size and number)

1060-64', 4
1069-71', 2
1077-83', 6
1087-90', 3
1095-1105', 10
1179-89', 10

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
1060-1189'	1000 bbl. gelled water
	24,000# 20/40 sand
	8,000# 10/20 sand

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
10/30/81	Pumping - 1½"	Prod.

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas—Oil Ratio
11/1/81	24			10	TSTM	1	

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
			10	TSTM	1	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Test Witnessed By: Robert C. Chase

35. List of Attachments: Gamma ray neutron logs

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Carolyn Ann TITLE Production Clerk DATE 11/3/81

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico				Northwestern New Mexico			
T. Anhy	210'	T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt	365'	T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt	500'	T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates		T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers	1050'	T. Devonian		T. Menefee		T. Madison	
T. Queen		T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres		T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta		T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinebry		T. Gr. Wash		T. Morrison		T.	
T. Tubb		T. Granite		T. Todilto		T.	
T. Drinkard		T. Delaware Sand		T. Entrada		T.	
T. Abo		T. Bone Springs		T. Wingate		T.	
T. Wolfcamp		T.		T. Chinle		T.	
T. Penn.		T.		T. Permian		T.	
T. Cisco (Bough C)		T.		T. Penn. "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from ..... to ..... No. 4, from ..... to .....

No. 2, from ..... to ..... No. 5, from ..... to .....

No. 3, from ..... to ..... No. 6, from ..... to .....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from ..... to ..... feet. .....

No. 2, from ..... to ..... feet. .....

No. 3, from ..... to ..... feet. .....

No. 4, from ..... to ..... feet. .....

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	90	90	Sand	1025	1065	40	Shale, shells
90	130	40	Caliche, gravel	1065	1078	13	Lime, sand, anhy, shale
130	190	60	Broken anhy, shale	1078	1090	12	Sand
190	210	20	Shale, broken lime	1090	1112	22	Anhy, shale
210	258	48	Broken anhy.	1112	1178	66	Lime
258	365	107	Anhy, shale	1178	1188	10	Broken lime
365	500	135	Salt	1188	1250	62	Lime
500	537	37	Anhy.	1250			TD
537	625	88	Salt, anhy.	1225			PBTD
625	655	30	Anhy.				
655	750	95	Lime, anhy.				
750	785	35	Lime, anhy, shale				
785	860	75	Broken anhy, shale				
860	970	110	Anhy, shale				
970	1025	55	Blue shale				