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Form C-105
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1980

ARTESIA, OFFICE

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

5. State Oil & Gas Lease No.: B-9189

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: 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 Grayburg

4. Location of Well

UNIT LETTER K LOCATED 1810 FEET FROM THE South LINE AND 2372.7 FEET FROM

THE West LINE OF SEC. 18 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
9/26/79	1/18/80	3/7/80	3519 GR	3519 GR

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
2027'	2000'		→		X

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

1920-1930 Grayburg

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#	414'	10"	100 sax	
5 1/2"	15.50#	2021.18'	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"	1960'	

31. Perforation Record (Interval, size and number)

1920-1930', 20 shots - .05

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
1920-1930	40,000 gal. gelled water
	35,000# 10/20 sand
	5,000# 20/40 sand

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping -- Size and type pump)	Well Status (Prod. or Shut-in)
3/8/80	Pump 1½"	Prod.

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil -- Bbl.	Gas -- MCF	Water -- Bbl.	Gas -- Oil Ratio
3/9/80	24			15	5	30 frac wtr	333

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil -- Bbl.	Gas -- MCF	Water -- Bbl.	Oil Gravity -- API (Corr.)
	14#		15	5	30 frac wtr	

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

Vented - waiting on Phillips line

Test Witnessed By: Mack C. Chase

35. List of Attachments

GRN log

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 Arris TITLE Secretary DATE 3/12/80

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		T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt		T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt		T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates		T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers		T. Devonian		T. Menefee		T. Madison	
T. Queen		T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg	1900'	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 1920 to 1930 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	10	10	Caliche	527	540	13	Broken lime
10	50	40	Caliche, sand	540	545	5	Sandy lime
50	117	67	Red sand	565	605	40	Anhy.
117	123	6	Water sand	605	610	5	Anhy, blue shale
123	130	7	Hard shale	610	650	40	Anhy.
130	175	45	Sandy shale	650	661	11	Anhy, red bed
175	185	10	Water sand	661	678	17	Anhy.
185	235	50	Sandy shale	678	680	2	Gray lime
235	282	47	Red shale	680	775	95	Anhy.
282	305	73	Anhy. shells	775	780	5	Red shale, sand
305	315	10	Gyp, hard anhy.	780	830	50	Anhy, lime
315	321	6	Anhy.	830	855	25	Anhy, sand
321	326	5	Broken anhy.	855	880	25	Anhy.
326	375	49	Anhy.	880	920	40	Lime, anhy.
375	390	15	Sandy anhy	920	935	15	Gray lime
390	435	45	Anhy.	935	955	20	Pink anhy.
435	515	80	Gray lime	955	985	30	Gray anhy.
515	527	12	Lime, shale	985	1010	25	Anhy.