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

Form C-105
Revised 11-1-84

RECEIVED

5a. Indicate Type of Lease
State ☒ For ☐
5. State Oil & Gas Lease No.
B-9189

1a. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐
b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐
2. Name of Operator
Harlan Oil Company
3. Address of Operator
P.O. Box 668, Artesia, N.M. 88210

MAR 14 1980

O. C. D.
ARTESIA, OFFICE

7. Unit Agreement Name
8. Form or Lease Name
State
9. Well No.
5
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

12. County
Eddy

15. Date Spudded 9/26/79 16. Date T.D. Reached 1/18/80 17. Date Compl. (Ready to Prod.) 3/7/80 18. Elevations (DF, RKB, RT, GR, etc.) 3519 GR 19. Elev. Casinghead 3519 GR
20. Total Depth 2027' 21. Plug Back T.D. 2000' 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools Cable Tools 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 3/8/80 Production Method (Flowing, gas lift, pumping - Size and type pump) Pump 1 1/2" Well Status (Prod. or Shut-in) 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 Davis TITLE Secretary DATE 3/12/80

This form is to be filled with the appropriate District Office of the Commission not later than 90 days after the completion of any newly-drilled or deepened well. It shall be accompanied by a true copy of all electrical and radio-activity logs 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 filled 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. Menatee	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 Quizte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinberry	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.