

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.O.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
E-7815

6. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

6. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESER. ☐ OTHER ☐

Name of Operator

Harlan Oil Company

Address of Operator

P O Box 668, Artesia, N. M. 88210

Location of Well

NEUT LETTER P LOCATED 988 FEET FROM THE South LINE AND 330 FEET FROM

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

7. Date Spudded 4/27/81 16. Date T.D. Reached 6/23/81 17. Date Compl. (Ready to Prod.) 7/29/81 18. Elevations (DF, RKB, RT, GR, etc.) 3433 GL 19. Elev. Casinghead

8. Total Depth 1262' 21. Plug Back T.D. 1258' 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools Cable Tools X

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

1056-60; 1067-71; 1076-82; 1088-98 Seven Rivers

25. Was Directional Survey Made no

6. Type Electric and Other Logs Run

Gamma Ray Neutron

27. Was Well Cored

8. 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#	357'	12"	100 Sx	
4 1/2	10.50#	1258'	7 7/8"	250 Sx	

9. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	1108'	None

11. Perforation Record (Interval, size and number)

1056-60 4' 1 shot ft.
1067-71 4' 1 shot ft.
1076-82 6' 1 shot ft.
1088-98 10' 1 shot ft

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<u>1056-1098</u>	<u>acidize w/ 1000 gal. balled</u> <u>off, fraced w/ 900 bbls</u> <u>gelled water, 46,000# 20/40 SAND,</u> <u>12,500# 100 SAND</u>

13. PRODUCTION

13a. First Production 7/29/71 Production Method (Flowing, gas lift, pumping - Size and type pump) pumping Well Status (Prod. or Shut-in) producing

Date of Test 7/29/81 Hours Tested 24 Choke Size Prod'n. For Test Period Oil - Bbl. 15 Gas - MCF TSTM Water - Bbl. 2 Gas - Oil Ratio

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

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

Test Witnessed By

Charlie Butler

15. List of Attachments

Gamma Ray Neutron Log

16. 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

Secretary

TITLE

Secretary

DATE

8/3/81

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 radioactivity 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 _____ 200	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 357	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
D. Salt _____ 425	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 950	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 1057	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Nantoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinney _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todillo _____	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 _____ 1056 _____ to _____ 1098 _____	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	157	157	Sand				
157	200	43	Shale				
200	357	157	Anhydrite				
357	475	118	Salt, Anhydrite				
475	795	320	Anhydrite				
795	895	100	Anhydrite & Shale				
895	995	100	Anhydrite				
995	1057	62	Anhydrite & Shale				
1057	1080	23	Oil Sand, Anhydrite				
1080	1262	182	Anhydrite				