

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.O.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State ☐ Fed ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Term or Lease Name
O'Brien Fee "18"

9. Well No.
5

10. Field and Pool, or Wildcat Assoc
Twin Lakes, San Andres

12. County
Chaves

10. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR ☐ OTHER ☐

1. Name of Operator
The Harlow Corporation /

2. Address of Operator
600 Petroleum Bldg, Amarillo, TX 79101

4. Location of Well
ARTESIA, OFFICE

UNIT LETTER K LOCATED 1650 FEET FROM THE South LINE AND 1963 FEET FROM West

LINE OF SEC. 18 TWP 8S RGE. 29E

15. Date Spudded 7/21/81 16. Date T.D. Reached 8/3/81 17. Date Compl. (Ready to Prod.) 9/16/81 18. Elevations (DE, RAB, RT, GR, etc.) 4007GL 19. Elev. Casinghead 4032'

20. Total Depth 2820 21. Plug Back T.D. 2768 22. If Multiple Compl., How Many 1 23. Intervals Drilled By 123-2820 Cable Tools 0-123

24. Producing Intervals, of this completion - Top, Bottom, Name
2672-88 San Andres

25. Type Electric and Other Logs Run
GR, SN, DLL, MLL, Cement Bond

27. Was Well Cored
No

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	20#	123	11 1/2	5 yds.	none
5 1/2	14#	2820	7 7/8	125 sx	none

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8 EUE	2670	none

29. Perforation Record (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Interval	Size	Number	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2684-88	.44"	JJ 4sh/ft	2672-88	800 gal MCA
2677-79	.44"	JJ 4sh/ft	2672-88	6000 gal NEFE
2672-74	.44"	JJ 4sh/ft		

33. PRODUCTION

Date First Production 9/16/81 Production Method (Flooding, gas lift, pumping - Size and type pump) Pumping Well Status (Prod. or Shut-in) Prod.

Date of Test <u>9/29/81</u>	Hours Tested <u>24</u>	Choke Size <u>none</u>	Prod'n. For Test Period <u>34</u>	Oil - Bbl. <u>7</u>	Gas - MCF <u>10</u>	Water - Bbl. <u>206</u>	Gas - Oil Ratio <u>24</u>
Flow Tubing Press. <u>29#</u>	Casing Pressure <u>29#</u>	Calculated 24-Hour Rate <u>34</u>	Oil - Bbl. <u>7</u>	Gas - MCF <u>10</u>	Water - Bbl. <u>24</u>	Oil Gravity - API (Corr.) <u>24</u>	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented Test Witnessed By R. A. Likens

35. List of Attachments
Logs listed above

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 [Signature] TITLE Production Engineer DATE 10-2-81

INSTRUCTIONS

This form is to be filled with the appropriate District Office of the Division not later than 20 days after the completion of any newly-filled or deepened well. It shall be accompanied by one copy of all electric and radiographic log 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 depth shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filled in duplicate and sent to the state land, where six copies are required. See Rule 1305.

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-Frontland	T. Penn. "C"
H. 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. Quern	T. Silurian	T. Paint Lick	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Quartz
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blanchy	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Granite	T. Teahale	T.
T. Drinkard	T. Delaware Sand	T. Estrella	T.
T. Abo	T. Bone Springs	T. Wingate	T.
T. Wolfcamp	T.	T. Chale	T.
T. Penn.	T.	T. Permian	T.
T. Cisco (Hough C)	T.	T. Penn. "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from 2638 to 2709	No. 4, from to
No. 2, from 2709 to 2780	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	919	919	Permian Red Beds w/minor silt, sand, Gypsum & salt				
919	1550	631	Salt, Anhydrite, red & green shale, w/minor silt & sand.				
1550	2025	475	Red Beds				
2025	2638	613	Anhydrite w/minor Dolomite & shale.				
2638	2820 (TD)	82	Dolomite w/Anhydrite & minor Limestone				