

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

JAN 23 1979

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LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name  
O'Brien Fee

9. Well No.  
1

10. Field and Pool, or Wildcat  
Wildcat

12. County  
Chaves

1. TYPE OF WELL  
OIL WELL  GAS WELL  DRY  OTHER

2. TYPE OF COMPLETION  
NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. RESVR.  OTHER

3. Name of Operator  
The Harlow Corporation

4. Address of Operator  
600 Petroleum Building, Amarillo, TX 79101

6. Location of Well  
UNIT LETTER N LOCATED 660 FEET FROM THE South LINE AND 1980 FEET FROM

8. West LINE OF SEC. 19 TWP. 8S RGE. 29E NMPM

5. Date Spudded 11-14-78  
16. Date T.D. Reached 11-26-78  
17. Date Compl. (Ready to Prod.) 12-27-78  
18. Elevations (DF, RKB, RT, GR, etc.) 3932' GL  
19. Elev. Casinghead 3931'

20. Total Depth 2800'  
21. Plug Back T.D. 2773'  
22. If Multiple Compl., How Many  
23. Intervals Drilled By Rotary Tools Cable Tools  
0' to T.D.

24. Producing Interval(s), of this completion - Top, Bottom, Name  
2624' - 2686' San Andres  
25. Was Directional Survey Made Yes

26. Type Electric and Other Logs Run  
Laterolog - Microlaterolog - Gamma Ray  
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"	20	308'	11"	150 SX	None
5-1/2"	14	2796'	7-7/8"	100 SX	None

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)  
2629 - 2674 / .44" / 29 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2629 - 2674	5000 gal - 20% FeHCl Acid

3. PRODUCTION

Date First Production 12-28-78  
Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping 1 1/2" Rod  
Well Status (Prod. or Shut-in) Producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
1-14-79	24	1 1/4"		30	18	77	600

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
25#	10#		30	18	77	24°

4. Disposition of Gas (Solid, used for fuel, vented, etc.)  
Vented  
Test Witnessed By Tim Nicholson

5. List of Attachments  
Logs listed in Item 26

6. 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 W. K. Harlow TITLE President DATE 1-22-79

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than \_\_\_\_\_ 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 <u>884'</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>1517'</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>2004'</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qizte _____
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 <u>2624'</u> to <u>2686'</u>	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'	755'	755'	Permian Red Bed w/minor silt, sand, gyp & salt				
755'	1600'	845'	Salt, anhyd, red & green shales w/minor silt & sand				
1600'	2004'	404'	Red Bed				
2004'	2625'	621'	Anhyd & salt w/minor shale & Dolo.				
2625'	2770'	145'	Dolo. w/minor anhyd & shale				
2770'	2797'	27'	Limestone				