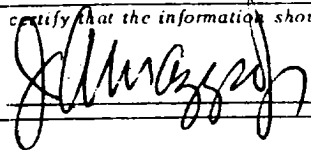


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**NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form C-105
Revised 11-1-84

1. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		5. State Oil & Gas Lease No.	
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		7. Unit Agreement Name	
2. Name of Operator Harper Oil Company		8. Form or Lease Name Heyco "36" State	
3. Address of Operator 904 Hightower Bldg., Oklahoma City, OK 73102		9. Well No. 1	
4. Location of Well UNIT LETTER <u>H</u> LOCATED <u>990</u> FEET FROM THE <u>East</u> LINE AND <u>1650</u> FEET FROM		10. Field and Pool, or Wildcat Gladiola Devonian	
THE <u>North</u> LINE OF SEC. <u>36</u> TWP. <u>11S</u> RGE. <u>37E</u> NMPM		12. County Lea	
15. Date Spudded 12-2-83	16. Date T.D. Reached 1-31-84	17. Date Compl. (Ready to Prod.) 3-8-84	18. Elevations (DF, RKB, RT, GR, etc.) G.L. 3892.8
19. Elev. Casinghead KB 3910.8'		20. Total Depth 12,505'	
21. Plug Back T.D. 12,344'		22. If Multiple Compl., How Many	
23. Intervals Drilled By Rotary Tools 0-12,505'		24. Producing Interval(s), of this completion - Top, Bottom, Name Devonian - 12,120' - 12,165'	
25. Was Directional Survey Made No		26. Type Electric and Other Logs Run Borehole Compensated Sonic Log & Dual Laterlog Micro-SFL	
27. Was Well Cored No		28. CASING RECORD (Report all strings set in well)	
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
13 3/8"	68#	379'	17 1/2"
8 5/8"	28# & 24#	4520'	12 1/4"
5 1/2"	17# & 20#	12,504'	7 7/8"
CEMENTING RECORD		AMOUNT PULLED	
380 sks		None	
2700 sks		None	
1410 sks		None	
29. LINER RECORD		30. TUBING RECORD	
SIZE	TOP	BOTTOM	SACKS CEMENT
None			
SIZE	DEPTH SET	PACKER SET	
2 7/8"	12,050.5'	12,050.5'	
31. Perforation record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
12,120'-12,144' (24 holes)		DEPTH INTERVAL	
12,145'-12,156' (11 holes)		AMOUNT AND KIND MATERIAL USED	
12,157'-12,165' (8 holes)		12,120'-12,144' 250 gals. 15% MCA Acid	
		12,145'-12,156' 250 gals. 15% HCL	
		12,157'-12,165' 250 gals. 15% HCL	
33. PRODUCTION			
Date First Production 3-4-84	Production Method (Flowing, gas lift, pumping - Size and type pump) Hydraulic pump		Well Status (Prod. or Shut-in) Producing
Date of Test 4-23-84	Hours Tested 24	Choke Size —	Prod'n. For Test Period —
Flow Tubing Press. (Injection) 2800#	Casing Pressure —	Calculated 24-Hour Rate —	Oil - Bbl. 318
			Gas - MCF TSTM
			Water - Bbl. 1000
			Gas - Oil Ratio —
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented			Test Witnessed By —
35. List of Attachments Logs listed in Item #26.			
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 		TITLE <u>V.P. of Production & Drlg.</u> DATE <u>May 10, 1984</u>	

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 _____ a copy of all electrical and radio-activity logs run in 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 19 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 _____ 3047'	T. Miss _____ 11,542'	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____ 12,162'	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4410'	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
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 _____ 7827'	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 9079'	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 _____ to _____	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	379	379	Surface Rock	9222	9498		Sh
379	561		Anhy & Lm	9498	9670		Sh & sd
561	1608		Redbed	9670	9844		Sh
1608	2210		Redbed & anhy	9844	10,195		Sh & sd
2210	2930		Redbed	10,195	10,370		Sh, lm & sd
2930	3920		Salt sandy	10,370	10,735		Sh & lm
3920	4520		Sd & sh	10,735	11,085		Lm & sd
4520	5520		Dolo & anhy	11,085	11,146		Lm & sh
5520	6035		Lm & sd	11,146	11,269		Lm
6035	8535		Dolo & lm	11,269	11,665		Lm & sd
8535	8811		Lm & sh	11,665	11,725		Lm, sh & sd
8811	9075		Sh	11,725	12,169		Lm & sh
9075	9222		Sh & sd	12,169	12,198		Sh & sd
				12,198	12,504		Dolo
				12,504	12,585		Chert, Dolo & sh

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