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

Form O-107
Revised 3-6-66

1. Indicate type of log	Core ☒ Log ☐
2. Indicate well type	
3. Well No.	L-490
4. Well Name	

Buy of Mines 1

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5. TYPE OF COMPLETION	OIL WELL ☐	GAS WELL ☒	DRY ☐	OTHER ☐
6. TYPE OF WELL	NEW WELL ☐	WORK OVER ☐	DEEPEN ☐	PLUG BACK ☐
7. Name of Operator	Harvey E. Yates Company			

SEP 26 1978

**O. C. C.
ARTESIA, OFFICE**

8. Name of Landowner	Mobil 21 State
9. Well No.	2
10. Field Name	S. Carlsbad Morrow

11. Address of Operator	P. O. Box 1933, Roswell, New Mexico 88201
12. Location of Well	

UNIT LETTER **K** LOCATED **1980** FEET FROM THE **South** LINE AND **1980** FEET FROM

13. Date Spudded	14. Date T.D. Reached	15. Date Compl. (Ready to Prod.)	16. Elevation (DP, RKB, RL, GR, etc.)	17. Elevation (Top of Well)
6-10-78	7-26-78	9-21-78	3162.4' GL	

18. Total Depth	19. Plug Back T.D.	20. If Multiple Completions, How Many	21. Intervals Filled by	22. Intervals Filled by	23. Intervals Filled by
12,297'	12,245' KB			0'-12,297'	

24. Producing Interval(s), of this completion - Top, Bottom, Name	25. Was Well Cased
12,200 to 12,230 KB Lo Morrow	No

26. Type Electric and Other Logs Run	27. Was Well Cased
DLL - CNL-FDC - BHC-Sonic	Yes

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	365' KB	17 1/2"	400 Sx Cl C w/2% CaCl	
9 5/8"	36# & 40#	5540' RTM	12 1/4"	1960 Sx in 2 stages	
5 1/2"	17#	12,267' KB	8 3/4"	1100 Sx	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2 3/8"	12,124' KB	12,124' KB

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
11,960' to 11,971' KB; 0.50" dia - 12 Shots	DEPTH INTERVAL
12,200' to 12,212' KB; 0.50" dia - 12 Shots	AMOUNT AND KIND MATERIAL USED
12,222' to 12,230' KB; 0.50" dia - 8 Shots	11,960' - 11,971' 250 Gals 10% Acetic
	3000 Gals Morrow type w/1000
	SCF N ₂ /Bb1
	11,960' - 11,971' Sg w/75 Sx Cl H w/6% Haled 9
	w/50 Sx Cl H w/5% CFR-2 & 3#

33. PRODUCTION	(CONT'D ON SECOND SHEET)
Date First Production	9-19-78
Production Method (Flowing, gas lift, pumping - Size and type pump)	Flowing

Date of Test	Hours Tested	Choke Size	Pressure at Test Period	Oil - bbl.	Gas - MCF	Water - bbl.	Flow - bbl./hr.
9-21-78	6	3/4"		0	180	3	
Flow Tubing Press.	Casing Pressure	Choke Inlet Pressure	Choke Outlet Pressure	Oil - bbl.	Gas - MCF	Water - bbl.	Flow - bbl./hr.
40				0	725	12	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Vented	Bob McKinney

35. List of Attachments

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	DATE
<i>Bob McKinney</i>	Engineer	9-22-78

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by a true copy of all electrical and radioactivity logs run in the well and a summary of all special tests conducted, including fall stem tests. All vertical depths shall be measured by tape. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, intervals through #4 shall be reported for each zone. The form is to be filed in duplicate except on state land, where six copies are required. See Rule 12.02.

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 _____ 1175'	T. Strawn _____ 10,880'	T. Kirtland Emutland _____	T. Penn. "C" _____
T. Salt _____ 1830'	T. Atoka Ls _____ 11,198'	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. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	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. Bluebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____ 2130'	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____ 5445'	T. Wingate _____	T. _____
T. Wolfcamp _____ 8960'	T. Delaware Ls _____ 2054'	T. Chino _____	T. _____
T. Penn. _____	T. Morrow _____ 11,668'	T. Pennian _____	T. _____
T. Cisco (Bough C) _____	T. Lo. Morrow Sds _____ 12,100'	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ **12200** _____ to _____ **12230** _____ 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.**

FORMAT ON RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	365	365	Anhy and Red Beds				
365	1240	875	Anhy				
1240	1795	555	Salt and Anhy				
1795	2176	381	Anhy and Lime				
2176	2740	564	Lime and Sand				
2740	5590	2850	Lime				
5590	11,770	6180	Lime and Shale				
11,770	11,948	178	Shale				
11,948	12,035	87	Lime and Sand				
12,035	12,277	242	Shale and Sand				
12,277	12,297	20	Shale				