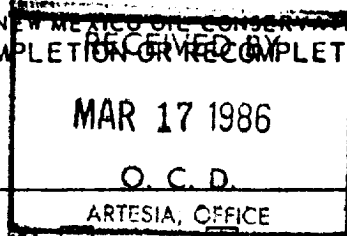


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NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG



Form C-105
Revised 11-84

a. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		5a. Indicate Type of Lease State ☒ Fee ☐	
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVP. ☐ OTHER ☐		5. State Oil & Gas Lease No. LG-8368	
c. Name of Operator Harvey E. Yates Company		7. Unit Agreement Name	
d. Address of Operator PO Box 1933 Roswell, New Mexico 88201		8. Form or Lease Name Mesquite 2 State	
e. Location of Well INITIAL LETTER <u>N</u> LOCATED <u>1980</u> FEET FROM THE <u>West</u> LINE AND <u>660</u> FEET FROM <u>South</u> LINE OF SEC. <u>2</u> TWP. <u>18-S</u> RGE. <u>31-E</u> NMPM		9. Well No. 5	
		10. Field and Pool, or Wildcat Tamano-Bone Springs	
		11. County Eddy	
13. Date Spudded 1-31-86		16. Date T.D. Reached 2-21-86	
14. Date to Compl. (Ready to Prod.) 3-5-86		15. Elevations (DF, RKB, RT, GR, etc.) 3767.5 GL	
17. Elev. Casinghead Same		19. Elev. Casinghead Same	
20. Total Depth 9040		21. Plug Back T.D. 8990	
22. If Multiple Compl., How Many		23. Intervals Drilled By All	
24. Producing Interval(s), at this completion - Top, Bottom, Name 8152-8618 Bone Springs		25. Was Directional Survey Made No	
26. Type Electric and Other Logs Run DLL/Micro & D/N		27. Was Well Cored No	
8. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE
13 3/8	54.5	359	17 1/2
8 5/8	24	2300	11
5 1/2	17	9040	7 7/8
			1720
			TOC @1700
9. LINER RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT
30. TUBING RECORD			
SIZE	DEPTH SET	PACKER SET	
2 3/8	8716	8057	
1. Perforation Record (Interval, size and number)			
8152-8618 (14-.44" Holes)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
8152-8618		3500 gal. 7 1/2 % Acid	
		140,000 Gal BS60 using	
		350,000# 20/40 Sand	
3. PRODUCTION			
Date First Production 3-6-86		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping	
Date of Test 3-12-86		Well Status (Prod. or Shut-in) Producing	
Hours Tested 24	Choke Size N.A.	Flow Pr. Per Test Period 107	Oil - PHL 72
Flow Tubing Press. N.A.	Casing Pressure N.A.	Gas - MCF 45	Water - PHL 673
	Calculated 24-Hour Test 107	Gas - MCF 72	Water - PHL 45
4. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented		Test Witnessed by Curtis Tolle	
5. List of Attachments Electric Logs & Deviation Survey			
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 <u>N.M. Young</u>		TITLE <u>Drilling Superintendent</u>	
		DATE <u>March 14, 1986</u>	

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission 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 log data from 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 horizontally 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 <u>815</u>	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Frontland	T. Penn. "C"
T. Salt	T. Aloka	T. Pictured Cliffs	T. Penn. "D"
T. Yates <u>2264</u>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen <u>3365</u>	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg <u>3850</u>	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta	T. McKee	T. Rose Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blaine	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 <u>5591</u>	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.....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.

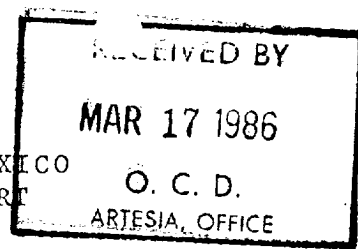
No. 1, from.....to.....feet.....
No. 2, from.....to.....feet.....
No. 3, from.....to.....feet.....
No. 4, from.....to.....feet.....

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	815	815	Red Bed & Sd				
815	2260	1445	Salt & Anhyd.				
2260	4200	1940	Dolo & Sd				
4200	5600	1400	Sd & Dolo				
5600	7500	1900	Lm & Dolo				
7500	7800	300	Sd & Dolo				
7800	8100	300	Dolo				
8100	8850	750	Sd				
8850	8970	120	Dolo				
8970	9040	70	Sd				

Harvey E. Yates Company
Mesquite 2 State #5
Eddy County, N.M.

STATE OF NEW MEXICO
DEVIATION REPORT



359	1/2	7043	3 1/4
832	1/2	7135	2 3/4
1328	3/4	7223	3
1826	3/4	7314	2 3/4
2300	3/4	7408	2 3/4
2767	3/4	7498	3 1/4
3249	3/4	7591	3
3732	1	7681	3
4220	1 1/4	7773	2 3/4
4710	1 3/4	7864	3 1/4
5196	1 1/2	7954	3
5316	1 1/2	8075	3 1/2
5437	1 1/2	8163	3 3/4
5683	1 1/2	8250	3 1/4
5817	2	8446	2 3/4
5938	2 1/2	8499	2 3/4
6061	3 3/4	8591	3
6178	4	8683	2 1/2
6303	4	8775	2 3/4
6400	4	8839	2 3/4
6492	3 3/4	9040	3
6673	3		
6769	3		
6868	3 1/4		
6952	3 1/4		

STATE OF TEXAS X

By: Ray Peterson

COUNTY OF MIDLAND X

The foregoing instrument was acknowledged before me this 6 day of
March, 1986, by Ray Peterson on behalf of
Peterson Drilling Company.

Alice Kiel
Notary Public for Midland County,
Texas

My Commission expires: 8/2/88