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

RECEIVED

MAY 29 1978

Form C-105
Revised 11-1-74

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. L-490
7. Unit Agreement Name
8. Farm or Lease Name Mobil 21 State
9. Well No. 1
10. Field and Pool, or Wildcat South South Carlsbad Morrow
12. County Eddy

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

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

Name of Operator
Harvey E. Yates Company

Address of Operator
P. O. Box 1933, Roswell, New Mexico 88201

Location of Well

IT LETTER C LOCATED 660 FEET FROM THE North LINE AND 1980 FEET FROM West LINE OF SEC. 21 TWP. 23S RGE. 27E NMPM

1. Date Spudded 12-17-77	16. Date T.D. Reached 3-28-78	17. Date Compl. (Ready to Prod.) 4-15-78	18. Elevations (DF, RKB, RT, GR, etc.) 3149.2' GL	19. Elev. Casinghead
2. Total Depth 12,300' KB	21. Plug Back T.D. 12,251' KB	22. If Multiple Compl., How Many Single	23. Intervals Drilled By 480'-12,300'	24. Rotary Tools 0'-480'
25. Producing Interval(s), of this completion - Top, Bottom, Name 12,087' - 12,097' Morrow				26. Was Directional Survey Made Yes
27. Type Electric and Other Logs Run BHC Sonic - DLL - CNFD				28. 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
13 3/8"	64#	375'	15 1/2"	250 Sx C1 C & 14 Yds. Redi-Mix	
9 5/8"	40# & 36#	5600'	12 1/4"	2600 Sx in 2 Stages	
5 1/2"	20# & 17#	12,300' KB	8 3/4"	1600 Sx in 2 Stages	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 7/8"	12,039'
						12,023' KB

29. Perforation Record (Interval, size and number) 12,087' - 12,097' KB - 4 JSPF - 40 Holes	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
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33. First Production 4/14/78		34. Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				35. Well Status (Prod. or Shut-in) SI	
36. Date of Test 4/15/78	37. Hours Tested 3.25	38. Choke Size 3/4"	39. Prod'n. Per Test Period →	40. Oil - Bbl. 0	41. Gas - MCF 863.3	42. Water - Bbl. 0	43. Gas-Oil Ratio -
44. Flow Tubing Press. 425	45. Casing Pressure PKR	46. Calculated 24-Hour Test →	47. Oil - Bbl. -	48. Gas - MCF 6375	49. Water - Bbl. -	50. Oil Gravity - API (Corr.) -	

51. Disposition of Gas (Sold, used for fuel, vented, etc.)

52. Test Witnessed By

53. List of Attachments

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 Peck Harder TITLE Engineer DATE 5-26-78

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 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 10 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 <u>1165</u>	T. Strawn <u>10,871</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt <u>1798</u>	T. Atoka <u>11,016</u>	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. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite <u>Time 2017</u>	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware <u>5470</u>	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs <u>5470</u>	T. Wingate _____	T. _____
T. Wolfcamp <u>8950</u>	T. Morrow <u>11,673</u>	T. Chinle _____	T. _____
T. Penn. _____	T. Lo Morrow <u>12,086</u>	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. Chester <u>12,278</u>	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from <u>12,087</u> to <u>12,097</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	55	55	Gravel				
55	480	425	Red Beds				
480	1165	685	Lime and Salt				
1165	1798	633	Top of Salt				
1798	2017	219	Base of Salt				
2017	5470	3453	Delaware Lime				
5470	8950	3480	Bone Springs				
8950	10,871	1921	Wolfcamp				
10,871	11,016	145	Strawn				
11,016	11,673	657	Atoka				
11,673	12,086	413	Morrow				
12,086	12,278	192	Lower Morrow				
12,278	12,300	22	Chester				