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Form C-105
Revised 1-1-65

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

MAR 16 1976

5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.

1a. TYPE OF WELL OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		7. Unit Agreement Name	
b. TYPE OF COMPLETION NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF. <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Morley "EW" Com	
2. Name of Operator Yates Petroleum Corporation		9. Well No. 1	
3. Address of Operator 207 South 4th Street - Artesia, NM 88210		10. Field and Pool, or Wildcat Undesignated	
4. Location of Well UNIT LETTER <u>P</u> LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>27</u> TWP. <u>17S</u> RGE. <u>25E</u> NMPM		12. County Eddy	
15. Date Spudded 1-14-76	16. Date T.D. Reached 2-22-76	17. Date Compl. (Ready to Prod.) 3-5-76	18. Elevations (DF, RKB, RT, GR, etc.) 3515' GR
20. Total Depth 8443'	21. Plug Back T.D. 6774'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools Cable Tools 0-8443'
24. Producing Interval(s), of this completion - Top, Bottom, Name 6561-6645' Permo-Penn			25. Was Directional Survey Made No
26. Type Electric and Other Logs Run DLL/RXO, CML/FDC			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"	48#	320'	17 1/2"
8-5/8"	24#	1220'	12 1/2"
4 1/2"	11.6&10.5#	6774'	7-7/8"
CEMENTING RECORD		AMOUNT PULLED	
200 sacks			
350 sacks			
250 sacks			
29. LINER RECORD		30. TUBING RECORD	
SIZE	TOP	BOTTOM	SACKS CEMENT
31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
6561-6566' w/20 0.34" shots		DEPTH INTERVAL	
6632-6645' w/52 0.34" shots		AMOUNT AND KIND MATERIAL USED	
		6645-6561 2000 gal 15% DS acid	
		6645-6561 20000 gal 20% Dolotrol acid and CO-2	
33. PRODUCTION			
Date First Production 3-5-76	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing		Well Status (Prod. or Shut-in) SIWOPLC
Date of Test 3-6-76	Hours Tested 4	Choke Size 1/2"	Prod'n. For Test Period TSTM
Flow Tubing Press. 225	Casing Pressure Pkr	Calculated 24-Hour Rate 0	Oil - Bbl. 236
			Gas - MCF 0
			Water - Bbl. 0
			Gas - Oil Ratio -
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented			Test Witnessed By H.S. Apple
35. List of Attachments Deviation Survey and DST's			
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 <u>Christie Lombardi</u>		TITLE <u>Geol. Secty</u>	DATE <u>3-15-76</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 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	Lower 7295'	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	7530'	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	7933'	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 Qtzte
T. Glorieta	T. McKee		Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger		T. Dakota	
T. Blinbry	T. Gr. Wash		T. Morrison	
T. Tubb	T. Granite		T. Todilto	
T. Drinkard	T. Delaware Sand		T. Entrada	
T. Abo	T. Bone Springs		T. Wingate	
T. Wolfcamp	T. Morrow Clastic	8240'	T. Chinle	
T. Penn. 6672	T. Chester	8416'	T. Permian	
T. Cisco (Bough C)	T. Penn. "A"			

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	320	320	Surface and gravel				
320	1192	872	Red bed				
1192	1873	681	Red bed and lime and Dolomite				
1873	4817	2944	Lime				
4817	4994	177	Lime and shale				
4994	6626	1632	Lime				
6626	7805	1179	Lime and shale				
7805	7960	155	Lime				
7960	8443	483	Lime and shale				

DRILL STEM TESTS

Yates Petroleum Corporation
Morley "EW" Com #1
Section 27-17S-25E.
Eddy County, New Mexico

DST #1 7778-7875' (Strawn) - TO 30"; SI 90", OP 60", SI 240". Op w/very weak blow, slight increase. Reop w/very weak blow. No GTS. Recovered 170' DF. Sampler: 60#, .472 cfg, 1300 cc DF. Pressures: HP 3822-3787; IFP 140-140; ISIP 1469; FFP 105-140; FSIP 2417. BHT 134 deg.

DST #2 8042-8097' (Atoka) - TO 30", SI 60", TO 60", SI 120". Op w/very weak blow, 1/4" in water. Reop w/very weak blow, 1/4" in water. Recovered 155' of DF. Sampler: 0#, 2200 cc DM, no oil or gas. Pressures: HP 3963-3946, IFP 211-228, ISIP 474, FFP 246-346, FSIP 544.

DST #3 8202-8300' (Morrow) - TO 30", SI 60", TO 60", SI 120". Op w/wk blow, max 2" wtr. Reop w/very weak blow, max 7" water. No GTS. Recovered 554' of DF. Sampler 60#, .475' of DF, 1300 cc mud. BHT 138 deg. Pressures: HP 4174-4139, IFP 70-176, ISIP 3330, FFP 176-246, FSIP 3330.

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MAR 16 1976

NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR Yates Petroleum Corporation ADDRESS 207 South 4th Street, Artesia, N.M. 88210
 FIELD Richard Knob LEASE Morley "EW" Com WELL NO. 1
 LOCATION 660' FSL and 660' FEL of Section 27, T-17-S, R-25-E, Eddy County, New Mexico

DEVIATION RECORD

<u>DEPTH</u>	<u>DEGREES</u>	<u>DEPTH</u>	<u>DEGREES</u>
325	1/2	3867	3/4
825	1	4087	3/4
1085	1-3/4	4307	1
1217	1-3/4	4517	1-3/4
1510	2-3/4	4610	2-1/2
1620	2-1/2	4685	2-1/4
1846	3	4738	2-1/4
1930	3	4875	2-3/4
1990	2-1/2	4906	2-1/2
2096	3	4979	2-1/4
2180	3	5064	2-1/2
2211	3	5218	2-1/2
2260	2-1/2	5339	2-3/4
2368	2-1/2	5500	2-1/2
2450	2-1/4	5594	2-3/4
2547	2	5846	2-1/2
2648	2-1/4	6347	1-1/4
2730	1-3/4	6846	1-1/4
2995	1-1/4	7013	3/4
3077	1	7506	1-1/2
3264	1	8097	1
3484	3/4	8450	1

Certification of personal knowledge of Deviation Record:

I hereby certify that I have personal knowledge of the data and facts placed on this form, and that such information is true and complete.

N. W. Harrison
Signature

ARD DRILLING COMPANY
Company

STATE OF TEXAS
COUNTY OF MIDLAND

Before me, the undersigned authority, on this day personally appeared N. W. Harrison, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is acting at the direction and on behalf of the operator of the well identified in this instrument and that such well was not intentionally deviated from the vertical.

N. W. Harrison
Signature

Manager, Ard Drilling Company
Title

Sworn and Subscribed to before me, this the 3rd day of March, 19 76

S. R. McKinney, Jr.
Notary Public in and for Midland County,
Texas.

MY COMMISSION EXPIRES:

June 1, 1977