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Form C-105
Revised 11-1-76

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

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

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

7. Unit Agreement Name

8. Farm or Lease Name

Mobil 27 State

9. Well No.

1

10. Field and Pool, or Wildcat

Undesignated Queen

Harvey E. Yates Company, Inc.

Address of Operator

Post Office Box 1933, Roswell, New Mexico 88201

Location of Well

LETTER A LOCATED -660 FEET FROM THE North LINE AND 660 FEET FROM

East LINE OF SEC. 27 TWP. 18S RGE. 35E NMPM

Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
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6-28-77	7-10-77	7-26-77	3910' KB	
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Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
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4900' KB	4790' KB	Single	0' - 4900'	
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Producing Interval(s), of this completion - Top, Bottom, Name

Queen 4453' - 4459' KB

25. Was Directional Survey Made

Yes

Type Electric and Other Logs Run

Sidewall Neutron Porosity, Dual Laterolog and Gamma Ray

27. Was Well Cored

Yes

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	20# & 28#	425'	12 1/4"	200 Sx Halliburton & 100 Sx Class C	
4 1/2"	9.5#			950 Sx in 2 stages	

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	4546' KB	

Perforation Record (Interval, size and number)

4836, 4837 and 4838 - 3 Shots

4453' - 4459' KB - 2 JSPF - Total 12 Shots

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4836'-4838'	250 Gals 15% BDA
4810'/4790'	Cast Iron Bridge Plug / 2Sx Cement
4453'-4459'	1000 G. 15% BDA & 2000 G. 15% HCL
4453'-4459'	Frac w/10,000 YFGO II with 100

PRODUCTION

First Production 8-2-77 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping Well Status (Prod. or Shut-in) Producing

of Test	Hours Tested	Choke Size	Prod'n Per Test Period	Oil - PBL	Gas - MCF	Water - BBL	Gas - Oil Ratio
2-77/8-6-77	120 Hrs			88.55	TSTM	-0-	

of Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - PBL	Gas - MCF	Water - BBL	Oil Gravity - API (Corr.)
			18	TSTM	-0-	

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

Vented

Test Witnessed by

Herb Spencer

List of Attachments

Electric logs, deviation survey

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 Herb Spencer TITLE Vice President DATE July 29, 1977

INSTRUCTIONS

This form is to be filed with the appropriate date of completion of the formation and later the completion of any newly-drilled or deepened well. It shall be accompanied by a copy of all electrical and radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured down to the true vertical depth of the well. In the case of true vertical depths shall also be reported. For multiple completions, Items 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 shall be reported for each zone. The form is to be filed in quarterly rate 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. Kittling Frattland _____	T. Penn. "C" _____
B. Salt _____ 3028	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 3226	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3664	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 4428	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. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Tobilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. Rustler _____ 1732	T. Chinle _____	T. _____
T. Penn. _____	T. Cowden _____ 2863	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. Bowers _____ 4146	T. Penn. "A" _____	T. _____
	Up. Penrose _____ 4674		
	Lo. Penrose _____ 4830		

No. 1, from 4453 - 4459 to _____ OIL OR GAS SANDS OR ZONES

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, 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'	1732'	1732'	Redbed anhydrite				
1732'	2863'	1131'	Rustler				
2863'	3028'	165'	Cowden				
3028'	3226'	198'	Base of Salt				
3226'	3664'	438'	Yates				
3664'	4146'	482'	Seven Rivers				
4146'	4428'	282'	Bowers				
4428'	4674'	246'	Queen				
4674'	4830'	156'	Upper Penrose				
4830'	TD	70'	Lower Penrose				

RECEIVED
JUN 2 1937
OIL COLLABORATION COMM.
HOBBS, N. M.