

NO. OF COPIES RECEIVED	
DISTRIBUTION	
ANTA FE	
LEE	
S.G.S.	
AND OFFICE	
OPERATOR	

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

Form C-105
Revised 11-1-66

1. Indicate Type of Lease
State ☒ Fee ☐
2. State of Lease (L-201)

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, ~~Inc.~~

Address of Operator

P. O. Box 1933, Roswell, New Mexico 88201

Location of Well

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

West LINE OF SEC. 2 TWP. 18S RGE. 35E ANMPL.

Date Spudded 8-15-77 16. Date T.H. Reached 8-26-77 17. Date Compl. (Ready to Prod.) 9-16-77 18. Elevation (D.F., R.H., B.T., G.L., etc.) 3906' GL 19. Flow. Eastinghead

Total Depth 4699' KB 21. Plug Back Test 4657' KB 22. Multiple Completions, How Many Single 23. Intervening Casing Tools 0' - 4699' 24. Casing Tools

Producing Interval(s), of this completion - Top, bottom, Name

Queen 4212' - 4220' KB

25. Was Directional Survey Made Yes

Type Electric and Other Logs Run

DLL/MSFL AND CNL/FDC

27. Was Well Cased 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#	255'	12 1/2"	175 Sx C1 F w/22 CaCl	Circ 20 Sx
4 1/2"	9.5#	4699' KB	7 7/8"	1 Stage: 550 Sx 50-50 POZ	
				2 Stage: 550 Sx Halliburton Lite - Circ	
				87 Sx	

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	4162' KB	4162' KB

Perforation (Interval, size and number)

4212' - 4220' KB - 16 shots

3A. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4212' - 4220' KB	1000 Gal 7 1/2% EZEFLO Morrow type acid

PRODUCTION

First Production 9-16-77		Production Rate (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) SI	
Date of Test 9-16-77	Hours Tested 16 Hrs	Casing Size 11/64	Flowing Per Test Period → 0	Oil - Bbl. 2414.9 (AOB)	Water - Bbl. 0	Gas - Cubic Feet 0	
Tubing Press. 1209	Casing Pressure Packer	Calculated 24-Hour Rate →	Oil - Bbl. →	Gas - MCF →	Water - →	Productivity - AOB (Corr.) →	
Disposition of Gas (Sold, used for fuel, vented, etc.)				Remarks			

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

Tested by Teffteller, Inc.

List of Attachments

Form C-122 (2 copies) Multipoint & one point back pressure test

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 Harvey E. Yates TITLE Vice President DATE 10-6-77

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than _____ days after the completion of any newly-drilled or deepened well. It shall be accompanied by _____ copy of all electrical and radioactivity logs run in the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured by the _____ in the case of horizontally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 20 through 34 shall be reported for each zone. The form is to be filed in quadruplicate except on state land, where six copies are required. See Rule 11c5.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____ 1770	T. Canyon _____	T. Ojo Abajo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ 2968	T. Archa _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 3150	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3503	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 4192	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Gitzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blindary _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todillo _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Alca _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. Cowden _____ 2808	T. Chinle _____	T. _____
T. Penn. _____	T. U. Penrose _____ 4396	T. Permian _____	T. _____
T. Cisco (Bough Cr.) _____	T. L. Penrose _____ 4541	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ 4212 _____ to _____ 4220 _____	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	1770	1770	Sand and redbed				
1770	2808	1038	Rustler				
2808	2968	160	Cowden				
2968	3150	182	Base of Salt				
3150	3503	353	Yates				
3503	4192	689	7 Rivers				
4192	4396	204	Queen				
4396	4541	145	Upper Penrose				
4541	4699	158	Lower Penrose				