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

Form C-105
Revised 11-1-76

TYPE OF WELL

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, N. M. 88201

Location of Well

LETTER I LOCATED 1980 FEET FROM THE South LINE AND 660 FEET FROM

East LINE OF SEC. 6 TWP. 8S RGE. 31E NMPM

Date Spudded 10-2-77 16. Date T.D. Reached 11-6-77 17. Date Compl. (Ready to Prod.) 11-23-77 18. Elevations (DF, RKB, RT, GR, etc.) 4202.' GL 19. Elev. Casinghead

Total Depth 3873' KB 21. Plug Back T.D. 3843' KB 22. If Multiple Compl., How Many Single 23. Intervals Drilled By Rotary Tools 0'-3873' Cable Tools

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

San Andres 3652' - 3789'

25. Was Directional Survey Made

Yes

Type Electric and Other Logs Run

CNL

27. 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
8 5/8"	20#	271'	11"	125 Sx C1 C 2% CaCl	
7"	20#	1278' KB	8"	350 Sx C1 C 2% CaCl	
4 1/2"	9.5#	3874' KB	6 1/4"	125 Sx C1 C 50-50 Poz 2% Gel w/6# Salt/Sx	

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	3828' KB	

Perforation Record (Interval, size and number)

3652', 60', 66', 75' - 4 Shots
3706', 13', 14', 16', 19', 27', 32', 35', 37' - 9 Shots
3779', 83', 86 1/2', 89' - 4 Shots

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3652'-3675'	250 Gals 15% BDA
3706'-3737'	250 Gals 15% BDA
3779'-3789'	250 Gals 15% BDA
3652'-3789'	5000 Gals 20% HCL

PRODUCTION

First Production <u>12-1-77</u>		Production Method (Flowing, gas lift, pumping - Size and type pump) <u>Pumping</u>				Well Status (Prod. or Shut-in) <u>Producing</u>	
of Test <u>12-2-77</u>	Hours Tested <u>24</u>	Choke Size	Prod'n. Per Test Period <u>85</u>	Oil - BBL <u>TSTM</u>	Gas - BBL <u>10</u>	Water - BBL	Gas - Oil Ratio
Tubing Press.	Casing Pressure	Calculated 24-Hour Rate <u>85</u>	Oil - BBL <u>TSTM</u>	Gas - BBL	Water - BBL	API Gravity - API (Corr.)	
Disposition of Gas (Sold, used for fuel, vented, etc.) <u>Vented</u>						Test Witnessed by <u>Peck Hardee</u>	

List of Attachments

Deviation Survey and 1 copy of electric logs

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

TITLE

Engineer

DATE

December 12, 1977

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or reopened 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 116b.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Rustler 1407	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Anhy	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
T. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
B. Salt	T. Miss	T. Cliff House	T. Leadville
T. Yates 1878	T. Devonian	T. Menefee	T. Madison
T. 7 Rivers 2046	T. Silurian	T. Point Lookout	T. Elbert
T. Queen 2489	T. Montoya	T. Mancos	T. McCracken
T. Grayburg	T. Simpson	T. Gallup	T. Ignacio Quize
T. San Andres 2930	T. McKee	Base Greenhorn	T. Granite
T. Glorieta	T. Ellenburger	T. Dakota	
T. Paddock	T. Gr. Wash	T. Morrison	
T. Blinberry	T. Granite	T. Todilto	
T. Tubb	T. Delaware Sand	T. Entrada	
T. Drinkard	T. Bone Springs	T. Wingate	
T. Abo	T. Bowers 2330	T. Chinle	
T. Wolfcamp	T. Pi 3469	T. Permian	
T. Penn.	T. P-1 3620	T. Penn. "A"	
T. Cisco (Bough C)	T. P-2 3702		
	T. P-3 3803		

OIL OR GAS SANDS OR ZONES

No. 1, from 3652-3789 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
1407	1878	471	Rustler				
1878	2046	168	Yates				
2046	2330	284	Seven Rivers				
2330	2489	159	Bowers				
2489	2930	441	Queen				
2930	3469	539	San Andres				
3469	3620	151	Pi				
3620	3702	82	P-1				
3702	3803	101	P-2				
3803	3873	70	P-3				
3873			TD				

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HOODS, N. M.