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Form C-105
Revised 11-1-58

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

RECEIVED
JUN - 7 1978
O. C. C.
ARTESIA, OFFICE

5a. Indicate Type of Lease: State [X] Fee [ ]

5. State Oil & Gas Lease No.: E-4201

1a. TYPE OF WELL — OIL WELL [ ] GAS WELL [X] DRY [ ] OTHER

b. TYPE OF COMPLETION — NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER

7. Unit Agreement Name:

8. Farm or Lease Name: Empire South Deep Unit

2. Name of Operator: Harvey E. Yates Company (Agent for Amoco Prod. Co.-Unit Operator)

9. Well No.: 18

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

10. Field and Pool, or Wildcat: ~~Und.~~ So. Empire Morrow

4. Location of Well

UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE OF SEC. 30 TWP. 17S RGE. 29E NMPM

12. County: Eddy

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
4-8-78	5-11-78	6-2-78	3643.4' GL	

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
11,010' KB	10,968' KB	Single	→	0'-11,010'	

24. Producing Interval(s), of this completion — Top, Bottom, Name: 10,722' - 10,758' Morrow

25. Was Directional Survey Made: Yes

26. Type Electric and Other Logs Run: GR DLL/M-SFL CN-FD

27. Was Well Cored: No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
12 3/4"	34#	400'	17 1/2"	475 Sx Cl C 2% CaCl	
8 5/8"	24# & 28#	2895'	11"	750 Sx Halliburton Lite &	200 Sx Cl C
5 1/2"	17#	11,010'	7 7/8"	1525 Sx in 2 Stages	TOC 4010

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	10,680' KB	10,680' KB

31. Perforation Record (Interval, size and number): 10,722' - 10,758' - 120 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
None	

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
6/2/78	Flowing	SI

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
6/2/78	1	24/64"		0	305.83	0	-

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
2175	-		-	7340	-	

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

Test Witnessed By: Bill Baker

35. List of Attachments

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 Jack Hardee TITLE Engineer DATE June 6, 1978

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than [illegible] 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 filled 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	-	T. Strawn	9867	T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt		T. Atoka	10,128	T. Pictured Cliffs		T. Penn. "D"	
T. Yates	803	T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers	1050	T. Devonian		T. Menefee		T. Madison	
T. Queen	1653	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg	2048	T. Montoya		T. Mancos		T. McCracken	
T. San Andres	2364	T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta	3806	T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinebry		T. Gr. Wash		T. Morrison		T.	
T. Tubb		T. Granite		T. Todilto		T.	
T. Drinkard		T. Delaware Sand		T. Entrada		T.	
T. Abo	5985	T. Bone Springs		T. Wingate		T.	
T. Wolfcamp	7297	T. Morrow	10,356	T. Chinle		T.	
T. Penn.		T. Lower Morrow	10,658	T. Permian		T.	
T. Cisco (Bough C)	8825	T. Chester	10,990	T. Penn. "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from..... 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
0	803	803	Anhydrite				
803	1050	247	Yates				
1050	1653	603	Seven Rivers				
1653	2048	395	Queen				
2048	2364	316	Grayburg				
2364	3806	1442	San Andres				
3806	5985	2179	Glorieta				
5985	7297	1312	Abo				
7297	8825	1528	Wolfcamp				
8825	9867	1042	Cisco				
9867	10128	261	Strawn				
10128	10356	228	Atoka				
10356	10658	302	Morrow				
10658	10990	332	Lower Morrow				
10990	11010	20	Chester				