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Form C-105
Revised 1-1-65

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

5a. Indicate Type of Lease: State ☐ Fee XX

5. State Oil & Gas Lease No.

1a. TYPE OF WELL: OIL WELL XX GAS WELL ☐ DRY ☐ OTHER

b. TYPE OF COMPLETION: NEW WELL XX WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

7. Unit Agreement Name

8. Farm or Lease Name: Thelma

9. Well No.: 2

2. Name of Operator: Harvey E. Yates Co.

10. Field and Pool, or Wildcat: Cato- San Andres

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

4. Location of Well: UNIT LETTER N LOCATED 660 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE OF SEC. 7 TWP. 9 S RGE. 30 E NMPM

12. County: Chaves

15. Date Spudded: 12-27-85 | 16. Date T.D. Reached: 1-1-86 | 17. Date Compl. (Ready to Prod.): 1-12-86 | 18. Elevations (DF, RKB, RT, GR, etc.): 4031.5 GL | 19. Elev. Casinghead: Same

20. Total Depth: 3380 | 21. Plug Back T.D.: 3306 | 22. If Multiple Compl., How Many | 23. Intervals Drilled By: → | Rotary Tools: all | Cable Tools: ----

24. Producing Interval(s), of this completion — Top, Bottom, Name: 3293 (4 holes)

25. Was Directional Survey Made: No

26. Type Electric and Other Logs Run: DDL/Micro, CN/D & CBL

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
8 5/8	24	906	12 1/4	575 sks	circl.
5 1/2	15.5	3380	7 7/8	125 sks	TOC @ 2700

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8	3242	----

31. Perforation Record (Interval, size and number): 3293 (4 Holes)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3312	500 gal 15 %
3293	750 gal 15%

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
1-12-86	Pumping	Producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
1-16-86	24	--		93	18.6	16	200

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
--	--		93	18.6	16	23.6

34. Disposition of Gas (Sold, used for fuel, vented, etc.): Used on lease

Test Witnessed By: Leonard Carpenter

35. List of Attachments: Deviation Survey & Electric Logs

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 N.M. Young TITLE Drilling Supt. DATE 1-16-86

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INDICATED 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. Kirtland-Fruitland		T. Penn. "C"	
B. Salt		T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates	1366	T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers	1540	T. Devonian		T. Menefee		T. Madison	
T. Queen	2022	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres	2532	T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta		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		T. Bone Springs		T. Wingate		T.	
T. Wolfcamp		T. Rustler 885		T. Chinle		T.	
T. Penn.		T.		T. Permian		T.	
T. Cisco (Bough C)		T.		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	850	850	Red bed & sand				
850	1350	500	Salt & anhy.				
1350	1500	150	Anhy. & sand				
1500	2000	500	Sand & anhy.				
2000	2500	500	Sand & dolo.				
2500	3380	880	Dolomite				