Form C-105
Revised 10-1-78

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease: State [X] Fee [ ]
5. State Oil & Gas Lease No.: LG-6476

1a. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] DRY [ ] OTHER Corrected Lease Number

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

7. Unit Agreement Name: Richardson Unit
8. Farm or Lease Name:
9. Well No.: 1
10. Field and Pool, or Wildcat: Und. Austin-Miss

2. Name of Operator: Harvey E. Yates Company
3. Address of Operator: P. O. Box 1933, Roswell, New Mexico 88201
4. Location of Well: UNIT LETTER M LOCATED 660 FEET FROM THE South LINE AND 660 FEET FROM THE West LINE OF SEC. 32 TWP. 13S RGE. 36E NMPM
12. County: Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
5/9/82	6/22/82	~~7/12/82~~ 11/10/82	3976.0 GR	3976.0

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
13407	13407	No	→	0-13405	No

24. Producing Interval(s), of this completion — Top, Bottom, Name: 13360' - 13407' Open Hole
25. Was Directional Survey Made: No
26. Type Electric and Other Logs Run: CN/CDL/ML/GR: DIFL; GR-CBL
27. Was Well Cored: Yes

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48	377	17 1/2	425	None
8 5/8	24, 28, 32	4600	11	1650	None
5 1/2	17	13360	7 7/8	2200	None

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8	13395	13331

31. Perforation Record (Interval, size and number): Open Hole: 13360' - 13407'

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
13360 - 113407	1000 gal 20% MCA

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
7/12/82	Flowing	SI

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
11/10/82	4	1/4"		1/2	124.96	-	-

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
500			3	749.76	-	65°

34. Disposition of Gas (Sold, used for fuel, vented, etc.): SI waiting on pipeline.
Test Witnessed By: Ray Nokes
35. List of Attachments: 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 Ray Nokes TITLE Reservoir Engineer DATE November 20, 1982

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 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 filed 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 2119	T. Canyon 11004	T. Ojo Alamo	T. Penn. "B"		
T. Salt 2206	T. Strawn 11955	T. Kirtland-Fruitland	T. Penn. "C"		
B. Salt	T. Atoka 12310	T. Pictured Cliffs	T. Penn. "D"		
T. Yates 3082	T. Miss Austin 13386	T. Cliff House	T. Leadville		
T. 7 Rivers 3216	T. Devonian	T. Menefee	T. Madison		
T. Queen 3880	T. Silurian	T. Point Lookout	T. Elbert		
T. Grayburg 4264	T. Montoya	T. Mancos	T. McCracken		
T. San Andres 4543	T. Simpson	T. Gallup	T. Ignacio Qtzte		
T. Glorieta 6128	T. McKee	Base Greenhorn	T. Granite		
T. Paddock	T. Ellenburger	T. Dakota	T.		
T. Blinebry	T. Gr. Wash	T. Morrison	T.		
T. Tubb 7542	T. Granite	T. Todilto	T.		
T. Drinkard	T. Delaware Sand	T. Entrada	T.		
T. Abo 8266	T. Bone Springs	T. Wingate	T.		
T. Wolfcamp 9790	T. Morrow Lime 13051	T. Chinle	T.		
T. Penn.	T. TD 13405	T. Permian	T.		
T Cisco (Bough C) 10567	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	377		Red Bed	12692	12699		Shale
377	2150		Red Bed, Anhy, Lime	12699	12725		Lime & Shale
2150	2336		Anhy	12725	12897		Shale
2336	2900		Anhy & Lime	12897	12902		Sand
2900	3407		Anhy & Salt	12902	12926		Sand & Shale
3407	3613		Salt, Anh6, & Lime	12926	12990		Shale
3613	3837		Lime & Gyp	12990	13087		Shale & Lime
3837	8852		Lime	13087	13126		Lime, Sand, & Shale
8852	12113		Lime & Sh	13126	13400		Shale & Lime
12113	12224		Shale	13400	13405		Lime
12224	12409		Lime & Sh				
12409	12500		Shale				
12500	12565		Lime & Shale				
12565	12622		Lime, Sand, & Shlae				
12622	12692		Lime & Shale				

RECEIVED
NOV 29 1982
O.C.D.
HOBBS OFFICE