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

Form O-105
Revised 10-78

1. Indicate Type of Lease	110 ☒ Fee ☐
2. Title of Lease	V-122

10. TYPE OF WELL	OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐
11. TYPE OF COMPLETION	NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ RE-DRILL ☐ DEEPEN & RE-DRILL ☐ OTHER ☐

3. Unit Agreement Name	
4. Name of Lessee	Lovington 29 State
5. Well No.	1
6. Location of Well	N.E. Lovington Penn.

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 <u>D</u> LOCATED <u>510</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>29</u> TWP. <u>16S</u> RGE. <u>37E</u> NEPM

7. County	Lea
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15. Date Spudded	8/7/80	16. Date T.D. Reached	9/3/80	17. Date Compl. (Ready to Prod.)	9/30/80	18. Elevation (DF, RKB, RT, GR, etc.)	3814.3 GR	19. Elev. Casinghead	3814.3
20. Total Depth	11,500'	21. Final Risk T.D.	11,445'	22. If Multiple Compl., How Many		23. Intervals Drilled By	0-11,500'	24. Intervals Pottery Tools	

24. Producing Interval(s), of this completion - Top, Bottom, Name	11,221' to 11,240' Strawn	25. Was Directional Survey Made	NO
26. Type Electric and Other Logs Run	Dresser-Atlas: GR/CNL & CBL	27. Was Well Cased	NO

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"	54.5	383'	17 1/2"	400 sxs	NONE
8 5/8"	32# - 24#	4350'	11"	425 sxs, DV Tool @ 2150'	750 sx NONE
5 1/2"	20# - 17#	11500'	7 7/8"	500 sxs, DV Tool @ 3007'	400 sx NONE

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
	NONE				2 3/8"	11,181'	11,181'

31. Perforation Record (Interval, size and number)	11,221' to 11,240' (1/2" dia 40 shots)
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
11,221' - 11,240'	500 gals - 10% Acetic
	2000 gals - 15% MSR-100
	8000 gals - 20% HCl

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
9/25/80		Flowing				Shut-in	
Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil - BBL	Gas - MCF	Water - BBL	Gas - B Ratio
9/29/80	20	3/4"		418	334.4 (est)	0	800 (est)
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - BBL	Gas - MCF	Water - BBL	Oil Gravity - API (Corr.)	
200	0		502	401.6 (est)	0		

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Vented	Test Witnessed By	C. Wilcox
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35. List of Attachments	
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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	<i>Paul J. Hardee</i>	TITLE
	Engineer	DATE
		10/1/80

[illegible]

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

WORKING ASSUMPTION

Southeastern New York

[illegible]

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

FORMATION RECORD (Attach additional sheets if necessary)	
No. 1, from	to
No. 2, from	to
No. 3, from	to
No. 4, from	to

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
755'	2577'	1822'	Red Beds				
2577'	4060'	1483'	Anhydrites				
4060'	4350'	290'	Anhydrites & Lime				
4350'	5300'	950'	Lime				
5300'	5852'	552'	Lime & Dolomite				
5852'	8760'	2908'	Lime				
8760'	11500'	2740'	Lime & Shale				