

LANDIS DRILLING COMPANY

P. O. Box 3579

Midland, Texas 79702

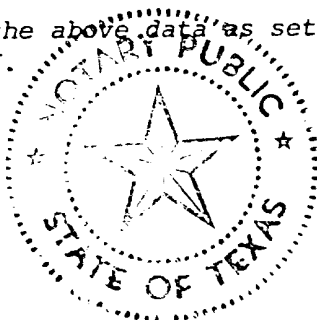
OPERATOR Harvey E. Yates Co. (HEYCO) ADDRESS P.O. Box 1933, Roswell, NM 88201

LEASE NAME East Lovington 8 WELL NUMBER #2

LOCATION 1874' FSL & 554' FEL, Section 8, T-16-S, R-37-E, Lea County, New Mexico

DEPTH	ANGLE INCLINATION - DEGREES	DISPLACEMENT	ACCUMULATIVE DISPLACEMENT
405	3/4	5.30	5.30
886	1 1/4	10.50	15.80
1385	1	8.71	24.51
1861	3/4	6.23	30.74
2171	1/4	1.35	32.09
2648	1/4	2.08	34.17
3122	1/2	4.14	38.31
3565	3/4	5.80	44.11
4037	3/4	6.18	50.29
4475	3/4	5.73	56.02
4972	3/4	6.51	62.53
5447	1/2	4.15	66.68
5918	1/2	4.11	70.79
6392	3/4	6.20	76.99
6592	1	3.49	80.48
7088	3/4	6.49	86.97
7650	1	8.24	95.21
8028	3/4	6.13	101.34
8318	1/2	2.53	103.87
8787	1/2	4.09	107.96
9258	3/4	6.17	114.13
9728	3/4	6.15	120.28
10205	1	8.32	128.60
10674	1	8.18	136.78
11148	1 1/4	10.34	147.12
11618	1 1/4	10.26	157.38
11800	1 1/2	4.76	162.14

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.



LANDIS DRILLING COMPANY

By: Gary W. Chappell
Title: Vice President - Contracts

AFFIDAVIT:

Before me, the undersigned authority, appeared Gary W. Chappell known to me to be the person whose name is subscribed hereabove, who on making deposition, under oath states that he is acting for and in behalf of the Operator of the well identified above, and that to the best of his knowledge and belief, such well was not intentionally deviated from the true vertical whatsoever.

Linnie Travis
AFFIDANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 7th day of April 19 86.

Linnie Travis
NOTARY PUBLIC
LINNIE TRAVIS
Notary Public in & for
The State of Texas
My Commission Expires 2-19-88

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OPERATOR	

Form C-105
Revised 11-8

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

5a. Indicate Type of Lease State ☐ Fee ☒
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Name of Lease Owner E. Lovington 8
9. Well No. 2
10. Field and Pool, or adjacent N. E. Lovington Penn

1. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐
2. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESER. ☐ OTHER ☐
3. Name of Operator Harvey E. Yates Company
4. Address of Operator PO Box 1933 Roswell, New Mexico 88201
6. LOCATION OF WELL 117 LETTER <u>I</u> LOCATED <u>1874</u> FEET FROM THE <u>South</u> LINE AND <u>554</u> FEET FROM

11. East LINE OF SEC. <u>8</u> TWP. <u>16-S</u> RGE. <u>37-E</u>	12. Date Spudded 3-7-86	13. Date P.D. Reached 3-29-86	14. Date Compl. (Ready to Prod.) 4-7-86	15. Elevations (DF, RKB, RT, GR, etc.) 3826	19. Elev. Casinghead 3826
2. Total Depth 11800	21. Plug Back T.D. 11719	22. If Multiple Compl. How Many	23. Intervals Drilled by Rotary Tools All	Cable Tools N-A	25. Was Directional Survey Made No
4. Producing Interval(s), of this completion - Top, Bottom, Name 11489-11538					

5. Type Electric and Other Logs Run DLL w/Micro & D N W/ Gamma Ray	27. Was Well Cased No
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3. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	61	405	17 1/2	450 sks 'C'	Circl.
8 5/8	32 & 24	4475	11	1400 sks filler & 200 sks 'C'	Circl.
5 1/2	23	11800	7 7/8	375 sks 'H'	TOC @ 10450

3. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 3/8	11335
						11338

31. Perforation Record (Interval, size and number) 11498-11538 (2SPF)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL 11498-11538 AMOUNT AND KIND MATERIAL USED 250 Gal 15% HCL
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3. PRODUCTION							
Date First Production 4-8-86		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) - Producing	
Date of Test 4-9-86	Hours Tested 24	Casing Size 17/64	Prod'n. Per Test Period 428	Oil - Bbl. 428	Gas - MCF 509	Water - Bbl. 0	Gas-Oil Ratio 1190
Flow Tubing Press. 700	Casing Pressure 0	Calculated 24-Hour Rate 428	Oil - Bbl. 428	Gas - MCF 509	Water - Bbl. 0	Oil Gravity - API (Corr.) 40	

4. Disposition of Gas (Solid, used for fuel, vented, etc.) Sold	Test Witnessed by Bob Williams
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5. List of Attachments Electric Logs & Deviation Survey
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6. 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 <u>A. M. Young</u>	N.M. Young	TITLE <u>Drilling Superintendent</u>	DATE <u>4-10-86</u>
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INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission 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 meter-based activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All data reported shall be measured by the owner of the well. In the case of hydraulically drilled wells, true vertical depth shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in quadruplicate 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

T. Anhy 2147
T. Salt 2160
D. Salt 3250
T. Yates 3315
T. 7 Rivers 3655
T. Queen 4268
T. Grayburg 4703
T. San Andres 5112
T. Gleneta 6540
T. Paddock 6600
T. Blinberry 7262
T. Tubb 7790
T. Drinkard 7922
T. Abo 8495
T. Wolfcamp 9656
T. Penn. _____
T. Cisco (Bough C) 10740

Northwestern New Mexico

T. Ojo Alamo _____
T. Kirtland-Fruitland _____
T. Pictured Cliffs _____
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Gallup _____
Base Greenhorn _____
T. Dakota _____
T. Morrison _____
T. Tadiito _____
T. Entrada _____
T. Wingate _____
T. Chinle _____
T. Permian _____
T. Penn. "A" _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, 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	2100	2100	Sd & Red Bed				
2100	3300	1200	Salt & Anhydr.				
3300	4250	950	Sd & Dolo				
4250	6450	2200	Dolo				
6450	7800	1350	Dolo & Sand				
7800	7925	125	Sand & Dolo				
7925	8500	575	Dolo				
8500	9400	900	Dolo & Sd & Shale				
9400	10550	1150	Lm & Sd & Shale				
10550	10700	150	Sd & Dolo				
10700	11500	800	Lm & Shale & Sd				
11500	11650	150	Lm stone				
11650	11800	150	Sd & Shale				

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