

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

RECEIVED BY
NE **AUG 26 1985** CONSERVATION COMMISSION
COMPLETION OR RECOMPLETION REPORT AND LOG
O. C. D.
ARTESIA, OFFICE

Form C-105
Revised 11-84

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
LG-8368

1a. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐

b. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐

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 P LOCATED 660' FEET FROM THE South LINE AND 660' FEET FROM

THE East LINE OF SEC. 2 TWP. 18S

RGE. 31E NMPM

15. Date Spudded

7/11/85

16. Date T.D. Reached

7/31/85

17. Date Compl. (Ready to Prod.)

8/16/85

18. Elevations (DF, RKB, RT, GR, etc.)

3769 GL

19. Elev. Casinghead

3769 GL

20. Total Depth

9084'

21. Plug Back T.D.

9040'

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools

0-9084'

Cable Tools

NA

24. Producing Interval(s), of this completion - Top, Bottom, Name

8584-8660' Bone Springs

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

DLL/Micro/G-R w/Caliper; CN/D w/G-R w/Caliper

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
13 3/8"	54.5#	450'	17 1/2"	450 sxs	Circ.
8 5/8"	24#	2364'	11"	1200 sxs	Circ.
5 1/2"	17#	9084'	7 7/8"	2505 sxs	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	8'50	

30. TUBING RECORD

31. Perforation Record (Interval, size and number)

8584-8660' 1 spf/10 holes
.41" holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
8584-8660'	2500 gal acid & ball sealers
8584-8660'	75,000 gal BS Frac & 180,000# 20/40 sand

33. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)						Well Status (Prod. or Shut-in)	
8/15/85		Flowing						Producing	
Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil - Pbl.	Gas - MCF	Water - Pbl.	Gas - Oil Ratio		
8/15/85	24	24/64"	→ 227	227	192	48	846		
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Pbl.	Gas - MCF	Water - Pbl.	Oil Gravity - At 1 (Corr.)			
100#	0	→ 227	227	192	48	35 degrees			

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

Vented

Test Witnessed By

Curtis Tolle

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 N.M. Young

TITLE Drilling Superintendent

DATE 8/21/85

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 elevations and formation logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured by tape. In the case of irregularly 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 quadruplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Northwestern New Mexico

Southeastern New Mexico

T. Anhy	1932	T. Canyon	T. Ojo Alamo	T. Penn. "B"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Quiz	T. Granite
T. Salt		T. Strawn	T. Rindland-Fruitland	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Quiz	T. Granite	
T. Salt		T. Strawn	T. Rindland-Fruitland	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Quiz	T. Granite	
T. B. Salt		T. Aloka	T. Pictured Cliffs	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Quiz	T. Granite		
T. Yates	2300	T. Miss	T. Cliff House	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Quiz	T. Granite		
T. 7 Rivers	2730	T. Devonian	T. Menefee	T. Madison	T. Elbert	T. McCracken	T. Ignacio Quiz	T. Granite				
T. Queen	3427	T. Silurian	T. Point Lookout	T. Elbert	T. McCracken	T. Ignacio Quiz	T. Granite					
T. Grayburg	3944	T. Montoya	T. Mancos	T. Gallup	T. McCracken	T. Ignacio Quiz	T. Granite					
T. San Andres	4234	T. Simpson	T. Gallup	T. McCracken	T. Ignacio Quiz	T. Granite						
T. Glorieta		T. McKee	T. Base Greenhorn	T. Granite								
T. Paddock		T. Ellensburg	T. Dakota	T. Granite								
T. Blinberry		T. Gr. Wash	T. Morrison	T. Granite								
T. Tubb		T. Granite	T. Todillo	T. Granite								
T. Drinkard		T. Delaware Sand	T. Entrada	T. Granite								
T. Abo		T. Bone Springs	T. Wingate	T. Granite								
T. Wolfcamp		T. Chino	T. Permian	T. Granite								
T. Penn.		T. Permian	T. Permian	T. Granite								
T. Cisco (Bough C)		T. Penn. "A"	T. Penn. "A"	T. Granite								

OIL OR GAS SANDS OR ZONES

No. 1, from	to	No. 4, from	No. 6, from	No. 3, from
No. 2, from	to	No. 5, from		
No. 1, from	to			

IMPORTANT WATER SANDS

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

No. 1, from	to	No. 2, from	to	No. 3, from	to	No. 4, from	to
feet.		feet.		feet.		feet.	
feet.		feet.		feet.		feet.	

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2248	2248	Red Bed & Anhy				
2248	3195	3195	Anhy				
3195	3980	3980	Anhy & sand				
3980	6629	6629	Dolo & sand				
6629	7634	7634	Lime & chert				
7634	7810	7810	Lime & sand				
7810	8456	8456	Lime & dolo				
8456	9075	9075	Lime & shale				
9075	9084	9084	Lime & sand				

Harvey E. Yates Company
Mesquite 2 State #2
Eddy County, N.M.

STATE OF NEW MEXICO
DEVIATION REPORT

450	1/4	7311	3
923	1/2	7469	3 1/2
1414	1/2	7564	3
1916	1	7662	2
2248	3/4	7985	2 1/2
2364	3/4	9086	1 1/2
2846	1		
3326	1		
3823	1 3/4		
3989	1		
4358	3/4		
4867	1 1/2		
4993	1 3/4		
5357	1 1/2		
5495	1 3/4		
5503	1 1/2		
5535	1 1/2		
5597	1 1/2		
5629	1 1/2		
5690	1 1/2		
5721	1 1/2		
5782	1 1/2		
5808	1 1/2		
5816	1 1/2		
5878	1 1/2		
5939	1 1/2		
6000	1 1/2		
6063	1 1/2		
6157	1 1/2		
6431	2		
6522	1 1/2		
6699	2 1/2		
6846	1 1/2		
6878	2		
6936	2		
7034	2 1/2		
7187	3		
7217	2 1/2		

STATE OF TEXAS X

By: Ray Peterson

COUNTY OF MIDLAND X

The foregoing instrument was acknowledged before me this 8 day of August, 1985, by Ray Peterson on behalf of Peterson Drilling Company.

My Commission expires: 8-2-88

Bluske
Notary Public for Midland County,
Texas