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

DEC 19 1984

O. C. D.
ARTESIA, OFFICE

Form C-105
Revised 11-1-84

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. E-6353	

TYPE OF WELL

TYPE OF COMPLETION

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

Name of Operator

Harvey E. Yates Company

Address of Operator

P. O. Box 1933, Roswell, New Mexico 88201

Location of Well

7. Unit Agreement Name

8. Farm or Lease Name

Arco 8 State Com

9. Well No.

1

10. Field and Pool, or Wildcat
Cade - Hole - 8H
Und. South Empire Morrow

IT LETTER L LOCATED 1980 FEET FROM THE South LINE AND 660 FEET FROM

West LINE OF SEC. 8 TWP. 17S RGE. 29E NMPM

11. County Eddy
12. Date Spudded 8/31/84 16. Date T.D. Reached 10/1/84 17. Date Compl. (Ready to Prod.) 11/21/84 18. Elevations (DF, RKB, RT, GR, etc.) 3639' GL 19. Elev. Casinghead

20. Total Depth 10,670 21. Plug Back T.D. 3555 22. If Multiple Compl., How Many NA 23. Intervals Drilled By Rotary Tools 0 - 10,670 Cable Tools NA

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

3010' to 3028' San Andres

25. Was Directional Survey Made No

26. Type Electric and Other Logs Run

CMD' DL-SFL

27. Was Well Cored No

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	350	17 1/2	686 SXS	
8 5/8	24 & 32	2650	11	1650 SXS	
5 1/2	15.5	3893'	7 7/8	615 SXS	

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
		NA			2 3/8"	3128'	3128'

28. Perforation Record (Interval, size and number)

3010' to 3028' (11 holes)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3010 - 3028'	3000 gal SRA-22
	Frac w/60,000 gal Frac-40 & 20,000# 20/40 sd, 100,000# 12/20 sd.

PRODUCTION

29. First Production 12/17/84		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping 2" X 1 1/4" X 12"				Well Status (Prod. or Shut-in) Prod	
Date of Test 12/17/84	Hours Tested 24	Choke Size	Prod'n. Per Test Period 14	Oil - Bbl. TSTM	Gas - MCF 39	Water - Bbl. TSTM	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate 14	Oil - Bbl. TSTM	Gas - MCF 39	Water - Bbl.	Oil Gravity - API (Corr.)	
Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed by Micky Young	

List of Attachments

Deviation Survey & Logs

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

TITLE

V. P. of Operations

DATE

12/18/84

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 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

T. Anhy _____ T. Canyon 8898
T. Salt _____ T. Strawn 9484
T. Salt _____ T. Atoka 10041
T. Yates 846 T. Miss _____
T. 7 Rivers 1082 T. Devonian _____
T. Queen 1645 T. Silurian _____
T. Grayburg 2052 T. Montoya _____
T. San Andres 2398 T. Simpson _____
T. Glorieta 3792 T. McKee _____
T. Paddock _____ T. Ellenburger _____
T. Blinbry _____ T. Gr. Wash _____
T. Tubb 5268 T. Granite _____
T. Drinkard _____ T. Delaware Sand _____
T. Abo 5905 T. Bone Springs _____
T. Wolfcamp 7165 T. _____
T. Penn. 8192 T. _____
T. Cisco (Bough C) _____ T. _____

Northwestern New Mexico

T. Ojo Alamo _____ T. Penn. "B" _____
T. Kirtland-Fruitland _____ T. Penn. "C" _____
T. Pictured Cliffs _____ T. Penn. "D" _____
T. Cliff House _____ T. Leadville _____
T. Menefee _____ T. Madison _____
T. Point Lookout _____ T. Elbert _____
T. Mancos _____ T. McCracken _____
T. Gallup _____ T. Ignacio Qtzite _____
Base Greenhorn _____ T. Granite _____
T. Dakota _____ T. _____
T. Morrison _____ T. _____
T. Todilto _____ T. _____
T. Entrada _____ T. _____
T. Wingate _____ T. _____
T. Chinle _____ T. _____
T. Permian _____ 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	990	990	Red Bed				
990	1891	1891	Anhy & Salt				
1891	2650	759	Anhy & Dolo				
2650	3738	1088	Dolo & Li				
3738	3954	216	Li & Sh				
3954	7700	3746	Dolo & Li				
7700	10670	2900	Li & Sh				

W MEXICO OIL CONSERV. WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

Operator HARVEY E. YATES CO.		Lease ARCO 8 ST. COM.		Well No. 1
Unit Letter L	Section 8	Township 17S	Range 29E	County EDDY
Actual Footage Location of Well: 1980 feet from the SOUTH line and 660 feet from the WEST line				
Ground Level Elev. 3639.0	Producing Formation Morrow San Antonio	Pool Wildcat 8-1-84	Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

- 660' -			
Atlantic Richfield Company E-6353			
1980'			

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

A. J. Deans
Name
A. J. Deans
Position
V. P. of Operations
Company
Harvey E. Yates Company
Date
August 16, 1984

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
8/14/84

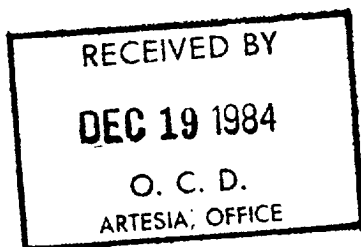
Registered Professional Engineer
and/or Land Surveyor

John W. West
Certificate No. JOHN W. WEST, 676

Harvey E. Yates Company
Arco State 8 Com. #1
Eddy County, N.M.

STATE OF NEW MEXICO
DEVIATION REPORT

350	1 1/4
850	1
1350	1
1440	1
1850	3/4
2350	1
2650	1
3138	1/2
3638	1/4
4138	1/2
4628	1
5012	3/4
5508	3/4
6000	1
6500	3/4
6986	1/4
7486	1/2
7966	3/4
8466	1
9000	3/4
9500	3/4
9900	3/4
10303	1/2
10488	1/2
10670	1/4



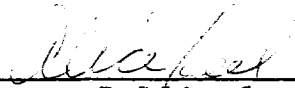
STATE OF TEXAS X

COUNTY OF MIDLAND X

The foregoing instrument was acknowledged before me this 22 day of
October, 19 84, by Ray Peterson on behalf of
Peterson Drilling Company.


By: Ray Peterson

My Commission expires: 8-2-85


Notary Public for Midland County,
Texas