

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

NM 2537

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

South Taylor 13 Federal

9. WELL NO.

#2

10. FIELD AND POOL, OR WILDCAT

East Shugart Delaware

11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA

Sec. 13, T18S, R31E

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐ RECEIVED

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other ☐

2. NAME OF OPERATOR

Harvey E. Yates Company

APR 07 '88

3. ADDRESS OF OPERATOR

P.O. Box 1933, Roswell, New Mexico 88202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 330' FSL & 330' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.
30-15-25847

DATE ISSUED

12. COUNTY OR
Eddy

13. STATE
NM

15. DATE SPUDDED
12-30-87

16. DATE T.D. REACHED
1-9-88

17. DATE COMPL. (Ready to prod.)
2-29-88

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
3715.2

19. ELEV. CASINGHEAD
3715.2

20. TOTAL DEPTH, MD & TVD
5448' MD

21. PLUG, BACK T.D., MD & TVD
5410'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVAL DRILLED BY

ROTARY TOOLS
0 - TD

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

5310 - 5390 (OA) 62 holes Delaware

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN

*CNL/FDC/GR & DLL/MLL/GR

27. WAS WELL CORRED
No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	356'	11"	260 sxs Cl "A" w/2% Cacl Circ	16'
5 1/2"	15.5# J-55	5448'	7 7/8"	1350 sxs filler & Cl "A" Neat TOC @ 200' sxs	11'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PAVING SET
					2 7/8"	5085'	475' and not

31. PERFORATION RECORD (Interval, size and number)

5380 - 90' (21 holes)

5310 - 30' (41 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5380-90'	Acidz w/2500 gals 7 1/2% HCL
5380-90'	frac w/15,000 gals DS 30 w/31,000# sand
5310-30'	acidz w/3000 gals 7 1/2% SRA
5310-30'	frac w/20,000 gals DS 30 w/40,500# sand

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
2-29-88		pumping w/ 2 1/2" X 1 3/4" X 20' X 22' pump				producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS MCF.	WATER--BBL.	GAS-OIL RATIO
3-9-88	24	—	→	27	25	21	925
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
—	—	→	27	25	21	40° @ 50°F	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY
Jay Bilberry

35. LIST OF ATTACHMENTS

*Logs, Deviation Survey

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED

TITLE Production Manager/Engineer

DATE 3-14-88 skh

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Red Beds	510	873	No Cores, No tests
Anhydrite & Dolo	873	1060	
Anhydrite & Salt	1060	2192	
Anhydrite, SS & Sh	2192	3800	
Dolo, Anhyd, SS	3800	4102	
Dolo & SS	4102	5040	
SS & Sh	5040	5448	

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	873	
Yates	2192	
Seven Rivers	2842	
Queen	3523	
Grayburg	4102	
Delaware	4760	
TD	5450	



LESLIE K. EVERTSON - ROSWELL
KENNETH D. REYNOLDS - ARTESIA

DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

P. O. Box 1498 ROSWELL, NEW MEXICO 88201

TELEPHONES: ARTESIA 505/746-6757

ROSWELL 505/623-5070

RECEIVED

January 15, 1988

APR 07 '88

O. C. D.
ARTESIA OFFICE

Heyco Oil Corporation, Inc.

P.O. Box 1933

Roswell, N.M. 88201

Ref: ^{SOUTH} ~~Smith~~ Taylor 13 Fed # 2

Gentlemen:

The following is a Deviation Survey on the above referenced well located in Eddy County, New Mexico.

356' - 1/8°	3298' - 1/2°
836' - 1/4°	3793' - 3/4°
1323' - 1/4°	4354' - 1/2°
1719' - 1/4°	4573' - 3/4°
2217' - 1/2°	5093' - 3/4°
2712' - 1/2°	5450' - 3/4° T.D.

Sincerely,
WEK DRILLING CO., INC.

ARNOLD NEWKIRK
Vice-President

CARLETON L. BURCE
AREA HEADQUARTERS

MAR 16 11 23 AM '88

RECEIVED

STATE OF NEW MEXICO)

)
county of chaves)

The foregoing was acknowledged before me this 15th day of
January 1988 by Arnold Newkirk.

MY COMMISSION EXPIRES:

11-19-91