

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)N. M. OIL CONS. COMMISSION
P. O. Box 1933, Roswell, New Mexico 88201
Budget Bureau No. 42-R355.5
5. LEASE DESIGNATION AND SERIAL NO.
NM-16648

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

2. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

3. NAME OF OPERATOR

Harvey E. Yates Company

4. ADDRESS OF OPERATOR

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

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

At surface 1980' FSL & 1980' FWL

At top prod. interval reported below

At total depth Same

14. PERMIT NO.

DATE ISSUED

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Duncan Unit

8. FARM OR LEASE NAME

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 26, T-13S, R-35E

12. COUNTY OR PARISH

Lea

13. STATE

NM

15. DATE SPUNDED

12/20/83

16. DATE T.D. REACHED

2/16/84

17. DATE COMPL. (Ready to prod.)

3/7/84

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

4020.8

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

13,600'

21. PLUG. BACK T.D., MD & TVD

NA

22. IF MULTIPLE COMPL., HOW MANY*

NA

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-13,600

CABLE TOOLS

NA

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

13,435' to 13,600' Austin Mississippian

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL & Micro-SFL; CN; CBL

27. WAS WELL CORED

NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48#	360'	17 1/2	375 SXS	
8 5/8	32, 39 & 54	4520'	11	5200 SXS	
5 1/2	17 & 20	13435'	7 7/8	900 SXS	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
		NA			2 3/8	13397	13293

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

Open Hole

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13435-13600	5000 gal 20% MCA
	500 gal Marflo
	1500 gal 20% MCA

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
3/7/84		Flowing				SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3/20/84	4	7/64"	→	-	710	-	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
3048	-	→	-	3.2 AOF	-		

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

Sold - NO pipeline

ACCEPTED FOR RECORD

PETER W. CHESTER

TEST WITNESSED BY

Ray F. Nokes

35. LIST OF ATTACHMENTS

Deviation Survey & Logs

APR 10 1984

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

SIGNED

TITLE

V. P. of Drilling

DATE

4/2/84

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22 and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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			38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	NAME	MEAN DEPTH	TRUE VERT. DEPTH
Red Bed	0	3360	Rustler	2130	
Anhy	3360	3990	Salt	2221	
Anhy, Li & Sh	3990	5670	Yates	3063	
Sd & Anhy	5670	7415	Seven Rivers	3190	
Li & Sd	7415	9569			
Dolo & Li	9569	10481	Queen	3827	
Li & Sh	10481	12570	Penrose	3980	
Sh & Sd	12570	13113	Grayburg	4221	
Li & Sh & Sd	13113	13600	San Andres	4497	
			Glorietta	6005	
			Tubb	7444	
			Abo	8166	
			Wolfcamp	9709	
			Bough	10210	
			Bursum	10322	
			Cisco	10472	
			Canyon	11044	
			Strawn Lime	12044	
			Atoka	12407	
			Morrow Lime	13058	
			Barnett Sh	13370	
			Austin Miss	13434	
				13600	

RECEIVED
APR 12 1984
O.C.O.
MOBBS OFFICE