

XMOCC COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM-23417

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Travis Deep Unit

8. FARM OR LEASE NAME

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Wind Morrow

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

Sec. 13, T-18S, R-28E

12. COUNTY OR

PARISH

Eddy

13. STATE

N. M.

1a. TYPE OF WELL:

OIL

WELL

☐

GAS

WELL

☒

DRY

☐

Other

b. TYPE OF COMPLETION:

NEW

WELL

☒

WORK

OVER

☐

DEEP-

EN

☐

PLUG

BACK

☐

DIFF.

RESVR.

☐

Other

2. NAME OF OPERATOR

Harvey E. Yates Company

3. ADDRESS OF OPERATOR

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

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

At surface

1980' FEL & 660' FNL

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

DATE ISSUED

O. C. C.

ARTESIA, NEW MEXICO

15. DATE SPUDDED

11-21-77

16. DATE T.D. REACHED

12-27-77

17. DATE COMPL. (Ready to prod.)

2-6-78

18. ELEVATIONS (OF, TO, RT, GR, ETC.)*

3639' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

11,270'

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

11,202'

22. IF MULTIPLE COMPL.,

HOW MANY*

Single

23. INTERVALS

DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0'-11,270'

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

10,973' - 10,994'

Morrow

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL

DLL

GR

27. WAS WELL CORED

No

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
12 3/4"	50#	376'	17 1/2"	475 Sx C1 C w/2% CaCl	
8 5/8"	24# & 28#	2900' KB	11"	300 Sx Halliburton LW & 200 Sx C1 C	
5 1/2"	17#	11,290'	7 7/8"	900 Sx C1 H w/6% Halad	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	10,906'	10,906'

31. PERFORATION RECORD (Interval, size and number)

10,973' - 10,994' - 4 SPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
2-14-78		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
2-6-78	45 Min.	1/2"	→					
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
2175 psi		→		14 MMCF				

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

Sold

TEST WITNESSED BY

Peck Hardee

35. LIST OF ATTACHMENTS

Deviation survey and 2 copies of electric logs.

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

SIGNED

Peck Hardee

TITLE

Engineer

DATE 2-27-78

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

INDICATING

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	MEAS. DEPTH	TRUE VERT. DEPTH
Yates	986'	1302'			
Seven Rivers	1302'	1717'			
Bowers	1717'	1953'			
Queen	1953'	2116'			
Penrose	2116'	2328'			
Grayburg	2328'	2708'			
San Andres	2708'	6226'			
1st Bone Sp. Sd.	6226'	7080'			
2nd Bone Sp. Sd.	7080'	7964'			
3rd Bone Sp. Sd.	7964'	8160'			
Wolfcamp	8160'	9266'			
Cisco	9266'	9817'			
Canyon	9817'	10,025'			
Strawn	10,025'	10,324'			
Atoka	10,324'	10,687'			
Morrow	10,687'	10,905'			
L. Morrow Sds.	10,905'	11,225'			
Chester	11,225'	11,270' TD			