

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

N. M. OIL CONS. COMMISSION

P. O. BOX 1000, Approved.
Budget Bureau No. 42-R355.5.
DOBBS, NEW MEXICO 88240

5. LEASE DESIGNATION AND SERIAL NO.

NM-11118

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Young Deep Unit

8. FARM OR LEASE NAME

9. WELL NO.

10

10. FIELD AND POOL, OR WILDCAT

North Young Bone Springs

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

Sec. 3, T-18S, R-32E

12. COUNTY OR PARISH

Lea

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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 2080' FSL & 1980' FWL

At top prod. interval reported below

At total depth Same

14. PERMIT NO. _____ DATE ISSUED _____

15. DATE SHUDDERED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.)

11/22/83

12/23/83

2/3/84

3836 GL

20. TOTAL DEPTH, MD & TVD

9150

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

9002

22. IF MULTIPLE COMPLETIONS (DF, RKR, RT, GR, ETC.)*

NA

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-9150

CABLE TOOLS

NA

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

8737 - 8801 Bone Springs

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIF W/GR; CD/CN/GR Minilog

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"	54-68	650	17 1/2	350 sx	
8 5/8"	32-28-24	3780	11	2150 sx	
5 1/2"	17#	9150	7 7/8	725 sx	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
		NA			2 3/8	8624	8624

31. PERFORATION RECORD (Interval, size and number)

8737', 39', 41', 8770' & 8772', 8780', 85', 88', 90', 99', 8801' (11 holes).

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8737-8801	Frac w/60,000 gal WF-40, w/ 3% HCL & 1/3 CO2

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
2/3/84		Flowing					Prod	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
2/12/84	6	24/64	→	6.6	50/day	0	833	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
100		→	160	ACC'D FOR RECORD	0	37.8		

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

Sold

PETER W. CHESTER

WITNESSED BY

Micky Young

35. LIST OF ATTACHMENTS

Deviation Survey & logs

MAR 28 1984

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

SIGNED

TITLE

Reservoir Engineer

DATE

3/15/84

*(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.), formations 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	DESCRIPTION, CONTENTS, ETC.	NAME	MEAN. DEPTH	TRUE VERT. DEPTH
Red Bed	0	1000		Rustler	1224	
Anhy, Salt	1000	4411		Cowden	2315	
Dolo & Anhy	4411	4885		Yates	2690	
Li & Sh	4885	6642		Yates "A"	2738	
Li & Dolo	6642	7540		7 Rivers	3108	
Li & Sh	7540	8193		Bowers	3570	
Sh & Dolo	8193	8800		Queen	3826	
Sh & Sd	8800	9150		Penrose	4066	
				Grayburg	4340	
				Basin facies of		
				the San Andres	4684	
				Delaware	5310	
				Bone Spring	5936	
				"A" Zone	7736	
				1st Bone Spring	7782	
				"B" Zone	7890	
				"Main Pay"	8312	
				2nd Bone Springs	8404	
				"C" Zone	8887	
				3rd Bone Spring	9046	
				Drillers T.D.	9153	
				Loggers T.D.	9152	

APR 5 1963
O.C.D.
HOBBS OFFICE