

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

Form approved.
Bureau No. 42-R355.6.M. M. CON. COMMISSION
P. O. BOX 1980
HOBBS, NEW MEXICO 88240

LEASE DESIGNATION AND SERIAL NO.

NM-11118

INDIAN ALLOTTEE OR TRIBE NAME

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 ☐
OCT 21 1981

7. UNIT AGREEMENT NAME

Young Deep Unit

8. FARM OR LEASE NAME

2. NAME OF OPERATOR Harvey E. Yates Company
3. ADDRESS OF OPERATOR P. O. Box 1933, Roswell, NM 88201
OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

9. WELL NO.

7

10. FIELD AND POOL, OR WILDCAT

N. Young Bone Springs

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 660' FSL & 660' FWL

At top prod. interval reported below

At total depth Same

14. PERMIT NO. DATE ISSUED

12. COUNTY OR PARISH

Lea

13. STATE

NM

15. DATE SPEUDED 8/27/81 16. DATE T.D. REACHED 9/30/81 17. DATE COMPL. (Ready to prod.) 10/16/81 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3853.6' GR 19. ELEV. CASINGHEAD 3853.6

20. TOTAL DEPTH, MD & TVD 9575' KB 21. PLUG, BACK T.D., MD & TVD 9547' KB 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 09575 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8364-8454' Bone Spring 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Dresser Atlas CD/CN, GR, DLL/MLL w GR

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	648	17 1/2	550 sx	None
8 5/8	32-28-24	3610	11	1600 sx	None
4 1/2	11.6-10.5	9576	7 7/8	530 sx	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2 3/8	8221	8221

31. PERFORATION RECORD (Interval, size and number)

8364 - 8372 1 1/2" dia - 16 holes
8439 - 8454 1 1/2" dia - 30 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8364-8454	250 gal - 15% MSR-100
8364-8454	4500 gal - 20% MSR-100

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
10/10/81		Flowing					SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
10/16/81	12	20/64	→	240	276	0	1150	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
260	0	→	480	552	0	40.2		

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

Vented on test. Sold to Phillips Pipeline starting 10/19/81

TEST WITNESSED BY

Curtis Tolle

35. LIST OF ATTACHMENTS

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

SIGNED

Paul Hardee

TITLE

Engineer

DATE

October 19, 1981

*(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	MEAS. DEPTH	TRUE VERT. DEPTH
1 Bed-Surface Rock y & Salt ait & Anhy y ne ne & Shale	0	821	Rustler	1208	
	821	2330	Cowden	2320	
	2303	3303	Yates	2693	
	3303	3610	7-Rivers	3130	
	3610	6225	Bowers	3569	
	6225	9575	Queen	3820	
			Penrose	4050	
			Grayburg	4314	
			San Andres	4630	
			B. S. Lime	6118	
			1st B. S. Sand	7828	
			Base 1st BS SD	8000	
		R. S. Dolo	8341		
		2nd BS Sand	8502		
		Base 2nd BS SD	8887		
		T/3rd BS Sand	9179		
		T/Wolfcamp	9389		