

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYN. M. OIL CONS. COMMITTEE
P.O. BOX 1380
HOBBS, NEW MEXICO 88240Form approved:
Budget Bureau No. 42-R355.5.5. LEASE DESIGNATION AND SERIAL NO.
NM 16350-A

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		7. UNIT AGREEMENT NAME Young Deep Unit	
2. NAME OF OPERATOR Harvey E. Yates Company		8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR P. O. Box 1933, Roswell, New Mexico 88201		9. WELL NO. 6	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements). At surface 1980' FWL & 660' FSL At top prod. interval reported below At total depth Same		10. FIELD AND POOL OR WILDCAT North Young Bone Spring	
14. PERMIT NO.		12. COUNTY OR PARISH Lea	
DATE ISSUED		13. STATE NM	
15. DATE SPIDDED 7/11/81	16. DATE T.D. REACHED 8/20/81	17. DATE COMPL. (Ready to prod.) 9/22/81	18. ELEVATIONS (DF, RK3, RT, GR, ETC.) * 3864.3 GR
19. ELEV. CASINGHEAD 3864		20. TOTAL DEPTH, MD & TVD 9608	
21. PLUG BACK T.D., MD & TVD 9415		22. IF MULTIPLE COMPL., HOW MANY *	
23. INTERVALS DRILLED BY →		ROTARY TOOLS 0-9608	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) * 8386 - 8486 Bone Spring		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Dresser Atlas CN/CDL/DLL/MLL/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
13 3/8	54.5	659.6	17 1/2
8 5/8	32; 28; 24	4663	11
4 1/2	11.6; 10.5	9608	7 7/8
CEMENTING RECORD		AMOUNT PULLED	
(750 sxs Class "C" w/1/4#		Cellflake & 2% CaCl ₂	
2640 sxs Class "H"			
675 sxs Class "H" 50/50 POZ			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT *
	NONE		
SCREEN (MD)		30. TUBING RECORD	
		SIZE	DEPTH SET (MD)
		2 3/8	8286
		PACKER SET (MD) 8291	
31. PERFORATION RECORD (Interval, size and number)			
8386-8410 w/2 JSPF 8442-8454 w/2 JSPF 8467-8486 w/2 JSPF Total of 110-1/2" Holes			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
8386-8410		400 gal 15% MSR-100	
8442-8486		100 gal 15% USR-100	
33. PRODUCTION			
DATE FIRST PRODUCTION 9/17/81	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing or shut-in) SI
DATE OF TEST 9/21/81	HOURS TESTED 6	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →
FLOW. TUBING PRESS. 150	CASING PRESSURE 0	CALCULATED 24-HOUR RATE →	OIL—BBL. 240
GAS—MCF. 425		WATER—BBL. 10	GAS-OIL RATIO 1100
OIL GRAVITY-API (CORR.) 37		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented	
TEST WITNESSED BY Micky Young		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 Roger A. Chapman		TITLE Engineer	
DATE September 24, 1981			

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

U.S. GEOLOGICAL SURVEY

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: "Seals 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 FORD'S ZONES			38 GEOLOGIC MARKERS	
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVAL; AND ALL DRILL STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USE, TIME TOOL OPEN, FLOWING AND SHUT IN PRESSURES, AND REVENIERS				
FORMATION	TOP	BOTTOM	NAME	MEAN DEPTH
d Bed & Surf RX	0	650	Rustler	1233
d bed	650	1333	Cowden	2331
lt & anhydrite	1333	3118	Yates	2707
me	3118	6890	Seven River	3146
me & shale	6890	8659	Bowers	3590
me, Shale & sand	8659	8705	Queens	3850
me & Sand	8705	8709	Penrose	4090
me & Shale	8709	9608	Grayburg	4367
			San Andres	4690
			Bone Spring	6100
			1st B. S. Sand	7859
			Bone Spring Pay	8385
			2nd B. S. Sand	8524
			3rd B. S. Sand	9169
			Wolfcamp	9395