

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-16350	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Harvey E. Yates Company		7. UNIT AGREEMENT NAME Young Deep Unit	
3. ADDRESS OF OPERATOR P. O. Box 1933, Roswell, New Mexico 88201		8. FARM OR LEASE NAME	
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 At total depth Same		9. WELL NO. 5	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT N. Young Bone Springs	
DATE ISSUED		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 10, T-18S, R-32E	
15. DATE SPUDDED 6-04-81		12. COUNTY OR PARISH Lea	
16. DATE T.D. REACHED 7-06-81		13. STATE NM	
17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RKB, RT, GR, ETC.) * 3864.3' GR	
19. ELEV. CASINGHEAD 3864.3'		20. TOTAL DEPTH, MD & TVD 8800	
21. PLUG, BACK T.D., MD & TVD 8759'		22. IF MULTIPLE COMPLEMENTS, HOW MANY *	
23. INTERVALS DRILLED BY ROTARY TOOLS 0-8800		CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) * 8478 - 8493' Bone Spring		25. WAS DIRECTIONAL SURVEY MADE	
26. TYPE ELECTRIC AND OTHER LOGS RUN CNL, FDC, GR-SPEC, DLL-SFL, GR-CBL		27. WAS WELL CORED Yes	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13 3/8	48# - 54#	645	17 1/2
8 5/8	24#-28#-32#	4650	11"
4 1/2	10.5#-11.6#	8800	7 7/8
CEMENTING RECORD		AMOUNT PULLED	
550 SXS		None	
2000 SXS		None	
700 SXS		None	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT *
		None	
SCREEN (MD)		30. TUBING RECORD	
		SIZE	DEPTH SET (MD)
		2 3/8	8408
		PACKER SET (MD) 8408	
31. PERFORATION RECORD (Interval, size and number) 8478 - 8493 0.44" dia - 30 shots			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
8478 - 8493		250 gal - 10% Acetic	
		1500 gal - 15% MSR-100, w/500	
		SCF N ₂ /Bbl & Ballsealers	
33. PRODUCTION			
DATE FIRST PRODUCTION 7-24-81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) SI			
DATE OF TEST 7-27-81	HOURS TESTED 24	CHOKE SIZE 24/64"	PROD'N. FOR TEST PERIOD →
OIL—BBL. 408	GAS—MCF. 478	WATER—BBL. 0	GAS-OIL RATIO 1172
FLOW. TUBING PRESS. 400	CASING PRESSURE 0	CALCULATED 24-HOUR RATE →	OIL—BBL. 408
GAS—MCF. 478	WATER—BBL. 0	OIL GRAVITY-API (CORR.) 37	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented			
TEST WITNESSED BY N. M. 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: <i>Paul J. Searles</i>		TITLE: Engineer	
DATE: July 29, 1981		AUG 5 1981	

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

ACCEPTED FOR RECORD
ROGER A. CHAPMAN
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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 report 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: "Secks Control". 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.)

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AUG 11 1981

CONSERVATION DIV.

38.

GEOLOGIC MARKERS

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.	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAN DEPTH
Surface Rock & Red Bed	0	650		Yates	2747
Salt & Red Bed	650	1803		7-Rivers	3193
Salt & Anhy	1803	3206		Bowers	3642
Anhy	3206	3942		Queen	3910
Lime	3942	6438		Penrose	4168
Lime & Shale	6438	7057		Grayburg	4454
Shale & Lime	7057	8074		San Andres	4810
Lime	8074	8382		Bone Spring	6304
Lime & Shale	8382	8800		1st Bone Spring	7940
				Bone Spring Pay	8478
				2nd B.S. Sand	8672
				T. D.	8800