

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
SUBMIT IN DUPLICATE
NEW OIL CONS. CO. MISSION
Instructions on
reverse side
Drawer DD
Artesia, NM 88210Form approved.
Budget Bureau No. 42-R355.5.

45F

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. RESR. ☐	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 660' FSL & 1980' FWL									
At top prod. interval reported below											
At total depth Same											
14. PERMIT NO.		DATE ISSUED									
O. C. D.		NOV 26 1982									
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD			
3/5/82		5/3/82		6/19/82		3767.2 GR					
20. TOTAL DEPTH, MD & TVD		21. PLUG BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		ROTARY TOOLS			
12574		11912				0 - TD		CABLE TOOLS			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*		25. WAS DIRECTIONAL SURVEY MADE									
11,821 - 11,893 Morrow		No									
26. TYPE ELECTRIC AND OTHER LOGS RUN		27. WAS WELL CORED									
Dresser Atlas/ CDL/CNL, Prolog, DLL/ML/GR		No									
28. CASING RECORD (Report all strings set in well)		29. LINER RECORD		30. TUBING RECORD							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED						
13 3/8	48	752	17 1/2	910 sxs + 6 yds Redi Mix	None						
8 5/8	24, 28, 32	4190	11	1200 sxs	None						
4 1/2	11.6, 13.5	12574	7 7/8	(1) 900 sx (2) 1100 sxs	None						
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.									
11,821 - 11,825 16 holes		DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED							
11,890 - 11,893 12 holes				ACDZ: 3200 gal, 5% HCl & EDTA							
				FRAC: 35,000 Krystal Frac 60							
				w/50% CO ₂ & 30,000# 20-40 SD.							
33.* PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		35. LIST OF ATTACHMENTS							
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)									
6/18/82	Flowing	SI WOPL									
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO				
* 11/15/82	4	8/64	→	1/2	933	0	-				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	WATER—BBL.	OIL GRAVITY-API (CORR.)						
440	-	→	12	560	0	56° @ 60°					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		35. LIST OF ATTACHMENTS		TEST WITNESSED BY							
Sold		Electric Logs		Ray Nokes							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		SIGNED		TITLE		DATE					
		Ray Nokes		Reservoir Engineer		11/24/82					

* (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 local, 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 Federal 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 of electrical and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Completion 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 other 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 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, adequate 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. 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.)

17. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CURED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION TEST, TIME TOOL-OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Red Bed	0	752	
Anhy, Li & Salt	752	2870	
Li & Dolo	2870	6454	
Li & Chert	6454	7257	
Li & Sh	7257	7382	
Dolo, Sh, Sd	7382	9533	
Li & Chert	9533	9919	
Li & Sh	9919	12574	

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GEOLOGIC MARKERS

NAME	MEAS. DEPTH
T/Limestone	5800
1st BS Interval	7200
Base 1st BS Int.	7271
T/2nd BS Sand	7588
Base/2nd BS sd	8356
Dean (3rd BS Sd)	8579
Wolfcamp	8827
Penn	10173
Strawn	10970
Atoka	11214
Morrow	11482
Morrow Clastics	11699
Chester	12132
Karsted Miss	12380
Miss Lime	12470