

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

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"/>			
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"/>	
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 1980' FNL & 660' FEL At top prod. interval reported below At total depth Same							
14. PERMIT NO.				DATE ISSUED OCT 2 1981			
15. DATE SPUDDED 4-10-81				16. DATE T.D. REACHED 5-04-81		17. DATE COMPL. (Ready to prod.)	
20. TOTAL DEPTH, MD & TVD 8700				21. PLUG BACK T.D., MD & TVD 8343		22. IF MULTIPLE COMPL., HOW MANY*	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8312-8337' Bone Spring				25. WAS DIRECTIONAL SURVEY MADE No			
26. TYPE ELECTRIC AND OTHER LOGS RUN CDNL, GR, DLL & MLL				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	54.5	650	17 1/2	750 sx C1 "C" w/2% Cacl		None	
8 5/8	24-28-32#	4650	11	1300 sx		None	
4 1/2	10.5-11.6	8700	7 7/8	700 sx		None	
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NONE					2 3/8	8326	
31. PERFORATION RECORD (Interval, size and number) 8312' to 8337' 0.50 dia - 50 holes				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
				8312 - 8337	250 gal-15% MSR-100		
					2500 gal-15% MSR-100		
					7000 gal-WF 30 w/8000		
					100 mesh sand 4 10000 gal-20% over		
33.* PRODUCTION				HCL & 4500 gal WF-10, Flush & Flush			
DATE FIRST PRODUCTION 7/02/81	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 2" X 1 1/4" X 20' Loc-No				WELL STATUS (Producing or shut-in) Producing		
DATE OF TEST 7/13/81	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL. 113	GAS—MCF. 126	WATER—BBL. 76	GAS-OIL RATIO 1115
FLOW, TUBING PRESS.	CASING PRESSURE 175	CALCULATED 24-HOUR RATE	OIL—BBL. 113	GAS—MCF. 126	WATER—BBL. 76	OIL GRAVITY-API (CORR.) 37.5	
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 <u>Pet L. Sandoz</u>				TITLED <u>Engineer</u>			
				DATE <u>OCT 6 1981</u>			

*(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 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.

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
Surf Rock &	0	650	Rustler	1142	
Red Bed	650	2527	Yates	2700	
Salt & anhy	2527	3190	7 Rivers	3130	
Anhy & Lime	3190	5209	Queen	3856	
Lime	5209	8700	Penrose	4100	
Lime & shale			Bone Spring	6133	
			1st B. S. Sand	7947	
			Young Deep Pay	8432	
			2nd B. S. Sand	8578	
			Total Depth	8700	

WELL NAME AND NUMBER 607 Young Deep #4

LOCATION Section 9, T18S, R32E, Lea County, New Mexico
(New Mexico give U.S.T&R: Texas give S, BLK, SURV, and TWP)

OPERATOR HARVEY E. YATES

DRILLING CONTRACTOR MORANCO

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

Degrees and Depth		Degrees and Depth		Degrees and Depth		Degrees and Depth	
3/4	122	1/4	3443	3	6946	1 3/4	8337
3/4	453	1/4	3732	3	6991	2 1/4	8700
1/2	650	1/2	4063	3	7060	2 1/4	8700
3/4	933	1 1/2	4383	3 1/4	7224		
1/4	1271	1 1/4	4650	3	7289		
1/4	1679	3/4	4865	3 1/4	7400		
1/4	2083	1	5153	2 3/4	7464		
1 1/4	2491	1 1/4	5453	3	7658		
1	2543	1 3/4	5711	2 1/2	7773		
1	2764	1 3/4	6040	2 1/4	7968		
3/4	3042	1 3/4	6347	2	8080		
1/4	3190	2 3/4	6702	1 3/4	8296		

Drilling Contractor MORANCO

By Jerry Gilbert
Jerry Gilbert - Vice President Engineering

Subscribed and sworn to before me this 14 day of May 19 81

My Commission expires:

September 23, 1984

RECEIVED
Notary Public
Lea County, New Mexico
OCT 2 1981

OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO