

NMUCC COPY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on  
reverse side)copy to DT  
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"/>	Other <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"/>	Other <input type="checkbox"/>
2. NAME OF OPERATOR		Phillips Petroleum Company					
3. ADDRESS OF OPERATOR		Room 806, Phillips Bldg., Odessa, TX 79761					
4. LOCATION OF WELL (Report location clearly and in accordance with State Requirements)*		At surface 1980 FN & 330 FE lines (Unit H)					
At top prod. interval reported below		NOV 2 1977					
At total depth							
14. PERMIT		O. C. C.		DATE ISSUED			
		ARTESIA, OFFICE		7-21-77			
5. LEASE DESIGNATION AND SERIAL NO.	NM 28790						
6. IF INDIAN, ALLOTTEE OR TRIBE NAME							
7. UNIT AGREEMENT NAME							
8. FARM OR LEASE NAME	Shug-A						
9. WELL NO.	2						
10. FIELD AND POOL, OR WILDCAT	Shugart-Yates-7R-Queen-Gb.						
11. SEC., T. R., M., OR BLOCK AND SURVEY OR AREA	33, 18-S, 31-E						
12. COUNTY OR PARISH	Eddy		13. STATE New Mexico				
15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD		
9-7-77	9-12-77	10-10-77	3612 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	CABLE TOOLS		
2900	2866	--	→	0-2900	--		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*					25. WAS DIRECTIONAL SURVEY MADE		
Yates 2337 top, bottom 2764					No		
7-Rivers 2764 top, bottom 2866' PBTD							
26. TYPE ELECTRIC AND OTHER LOGS RUN					27. WAS WELL CORED		
Western Co. GR, CNL, CCL					No		
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
8-5/8"	24# K-55	720'	12-1/4" (500	sx Cl C w/1/2# Flocele/sx.	Circ) --		
			(80	sx at surf)			
4-1/2"	11.6# N-80	2900'	7-7/8" (350	sx Cl H w/8# salt/sx)	--		
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)			
30. TUBING RECORD							
SIZE	DEPTH SET (MD)	PACKER SET (MD)					
2-3/8"	2748	--					
31. PERFORATION RECORD (Interval, size and number)							
2 jet shots per foot 2673-78, 2680-90, 2694-2704 total 62 feet, 124 holes.							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED				
2673-2766			5000 gals 15% HCl acid				
			Fraced w/31000 gals ref oil w/				
			52000# sand, using ball sealers				
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)		
10-25-77		2" X 1-1/4" X 12' Insert pump			producing		
DATE OF TEST	HOURS TESTED	CHOSE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-26-77	24	--	→	87	107	0	1236
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
--	--	→	--	--	--	33.5	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					TEST WITNESSED BY		
flared--pending connection to gathering system					B. E. Allen		
35. LIST OF ATTACHMENTS							
Logs furnished direct by The Western Company							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED		W. J. Mueller		TITLE	Engineering Advisor	DATE	10-27-77

\*(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 Content": 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 POROSITY 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	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Surface, sand & caliche	0	720	at 1170', encountered water flow, estimated at 3500 BWP.	Rustler	687	
Anhydrite, salt	720	2158		Cowden Anhydrite	1908	
Anhydrite	2158	2645		Yates	2357	
Anhydrite, lime	2645	2800		7-Rivers	2764	
Anhydrite	2800	2900				