

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other n-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM 0257272	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____	
2. NAME OF OPERATOR Phillips Petroleum Company		7. UNIT AGREEMENT NAME Hat Mesa Unit	
3. ADDRESS OF OPERATOR Room B-2, Phillips Building, Odessa, Texas 79760		8. FARM OR LEASE NAME Hat Mesa	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FN and 1979.7' FE At top prod. interval reported below SAME At total depth SAME		9. WELL NO. 1	
14. PERMIT NO. -		10. FIELD AND POOL, OR WILDCAT Undesignated	
DATE ISSUED 5-24-67		11. SEC. 1, 6, 10, 12, OR BLOCK AND SURVEY OR AREA Section 11, T-21-S, R-32-E	
15. DATE SPUDDED 5-27-67		12. COUNTY OR PARISH Lea	
16. DATE T.D. REACHED 11-13-67		13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.) 12-7-67		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3834.4" RKB	
19. ELEV. CASINGHEAD 3813' Gr.		20. TOTAL DEPTH, MD & TVD 15721	
21. PLUG, BACK T.D., MD & TVD 15110'		22. IF MULTIPLE COMPL., HOW MANY* -	
23. INTERVALS DRILLED BY 0 - 15721		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 13656 - 14,138' - Morrow sand	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Sonic-Gamma Log.	
27. WAS WELL CORED -		28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.	
16"		75# J-55	
10-3/4"		51 & 55.5#	
DEPTH SET (MD)		HOLE SIZE	
438'		20"	
5602'		13-3/4"	
CEMENTING RECORD		AMOUNT PULLED	
700 ex Class H, circ. 500 ex			
300 ex Trinity IN & 500 ex			
reg. TOC at 2800'			
29. LINER RECORD		30. TUBING RECORD	
SIZE		SIZE	
TOP (MD)		DEPTH SET (MD)	
BOTTOM (MD)		PACKER SET (MD)	
SACKS CEMENT*		SCREEN (MD)	
7-5/8"		5173	
5-1/2"		11796'	
12595'		12595'	
1485 ex, TOC 3195)		400 ex, TOC 12150)	
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Morrow = 14,122 - 38' (2-1/2" holes)ft., 124 holes		DEPTH INTERVAL (MD)	
13,894 - 900'		AMOUNT AND KIND OF MATERIAL USED	
13,922 - 26'		13656 - 14,138'	
14,004 - 008'		100,000 gals gelled brine	
14,062 - 66'			
14,090 - 100'			
13,656 - 670'			
13,744 - 13,748'			
33. PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	
DATE FIRST PRODUCTION 1-3-68		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) shut in		TEST WITNESSED BY W. D. Adcock	
DATE OF TEST 6-19-68		HOURS TESTED 4	
CHOKE SIZE Various		PROD'N. FOR TEST PERIOD Calc. = 211	
OIL—BBL. -		GAS—MCF. 7,514	
WATER—BBL. -		OIL GRAVITY-API (CORR.) Condensate	
FLOW. TUBING PRESS. 2255		CASING PRESSURE packer	
CALCULATED 24-HOUR RATE Calc. = 211		OIL GRAVITY-API (CORR.) Condensate	
35. LIST OF ATTACHMENTS Well Shut In		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records electric log = previously furnished, DSTs #1, 2, 3, 5, 6, 7, 8 attached. (DST #4 failed)	
SIGNED W. J. Mueller		TITLE Associate Reservoir Engineer	
DATE 6-28-68			

*(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 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	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP
Sand, Caliche	0	296'	Not cored; DST attached, except #4 which failed.	Rustler	1553	+ 2381
Redbeds	296'	1028'		Tansil	3172	+ 662
Redbeds, gyp	1028'	1469'		Yates	3312	+ 522
Anhydrite, salt	1469'	3231'		Capiton Reef	3612	+ 222
Anhydrite, gyp	3231'	3825'		Delaware Mtn.	5782	- 1948
Anhydrite	3825'	3913'		Bone Spring	8771	- 4937
Dolomite, gyp	3913'	3965'		Wolfcamp	11323	- 7189
Anhydrite, gyp	3965'	5128'				
Dolomite, gyp	5128'	5323'				
Dolomite	5323'	5758'				
Dolomite, sand	5758'	7188'				
Lime, sand, shale	7188'	7993'				
Lime, sand	7993'	8522'				
Sand, lime, shale	8522'	8936'				
Lime	8936'	9286'				
Lime, shale	9286'	10095'				
Lime, shale, chert	10095'	10183'				
Lime, shale	10183'	10543'				
Lime, shale, sand	10543'	10887'				
Lime, shale, chert	10887'	11217'				
Lime, shale, sand	11217'	11675'				
Lime, shale, chert	11675'	12212'				
Lime, shale	12212'	12671'				
Shale	12671'	12875'		Strawn	12887	- 8053
Lime, shale, chert	12875'	13024'		Morrow	13588	- 9754
Lime, shale	13024'	13892'		Barnett Shale	14530	- 10696
Lime, shale, sand	13892'	14831'		Mississippi	14740	- 10906
				Woodford	15242	- 11508
				Devonian	15550	- 11718

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Lime, shale, chert 14831' 15335'

Lime, shale 15335' 15466'

Shale 15466' 15565'

Lime, dolomite 15565' 15721' TD