

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
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 ☐		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☐
2. NAME OF OPERATOR							
J. M. Welch						MAY 14 1975	
3. ADDRESS OF OPERATOR							
Box 496 Artesia, N. Mex.						O. C. C.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations)							
At surface						3307s + 13307W	
At top prod. interval reported below						SE 1/4 SW 1/4, Sec. 18 T 16 R 31	
At total depth							
14. PERMIT NO.						DATE ISSUED	
15. DATE SPUDDED						16. DATE T.D. REACHED	
3/26/75						3/31/75	
17. DATE COMPL. (Ready to prod.)						18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	
4/4/75						3910 GR	
19. ELEV. CASINGHEAD						3912	
20. TOTAL DEPTH, MD & TVD						21. PLUG, BACK T.D., MD & TVD	
3320							
22. IF MULTIPLE COMPL., HOW MANY*						23. INTERVALS DRILLED BY	
						ROTARY TOOLS	
						A11	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE	
2705 - 2725 Penrose Gas						no	
3255 - 3265 Lovington oil							
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED	
Gamma Neutron						no	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	AMOUNT PULLED			
8 5/8	20#	500'	11"	0			
4 1/2	10.5#	3,320'	8"	0			
29. LINER RECORD						30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8 EVE	3,250'	
31. PERFORATION RECORD (Interval, size and number)						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
2705 - 2725' 40 shots - 2 per ft.						DEPTH INTERVAL (MD)	
3255 - 3265' 30 shots - 3 per ft.						AMOUNT AND KIND OF MATERIAL USED	
						2705'-2725'	
						15,000# sand 20-40	
						3255'-3265'	
						25,000# sand 10-20	
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
						Prod.	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
			5 (Est.)*	200 MCF	0		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
Sold Phillips Petroleum						5-23-75	
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		TITLE		DATE			
J. M. Welch		Operator		5-18-75			

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

* Still recovering load water

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	TRUE VERT. DEPTH
Red Sand	2420'	2450'	Queen Sand - water			
Penrose	2705'	2725'	Gas sand			
Premier	3130'	3150'	Premier sand			
top San Andres	3150'					
Lovington	3255'	3265'	Lovington Sand - oil			