

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 _____		5. LEASE DESIGNATION AND SERIAL NO. MM-021422	
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 Shell Oil Company		7. UNIT AGREEMENT NAME 14-03-0001-3492 Antelope Ridge Unit	
3. ADDRESS OF OPERATOR P. O. Box 1858, Roswell, New Mexico 88201		8. FARM OR LEASE NAME Antelope Ridge Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 200' FNL & 2310' FEL (NW/4 NE/4) Sec. 4, T-24-S, R-34-E NMPM Survey, Lea County, New Mexico At top prod. interval reported below Same At total depth Same		9. WELL NO. 4-2	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 12-3-54		10. FIELD AND POOL, OR WILDCAT Antelope Ridge	
16. DATE T.D. REACHED 1-22-65		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 4, T-24-S, R-34-E NMPM	
17. DATE COMPL. (Ready to prod.) February 1, 1965		12. COUNTY OR PARISH Lea	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3562' DF		13. STATE New Mexico	
20. TOTAL DEPTH, MD & TVD 12,375'		19. ELEV. CASINGHEAD	
21. PLUG, BACK T.D., MD & TVD -		25. WAS DIRECTIONAL SURVEY MADE No	
22. IF MULTIPLE COMPL., HOW MANY*		27. WAS WELL CORED No	
23. INTERVALS DRILLED BY 0'-12,375'			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 12,005'-12,375' Upper Pennsylvanian			
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray/Neutron, Dual Induction Laterolog, Microlog			
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
11 3/4"	42#	815'	15"
8 5/8"	32#	5167'	11"
5 1/2"	17#	12,005'	7 7/8"
CEMENTING RECORD			
530 sacks			
400 sacks			
500 sacks			
AMOUNT PULLED			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
4"	11,923'	12,375'	none
SCREEN (MD)			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 7/8"	11,865'	11,865'	
31. PERFORATION RECORD (Interval, size and number)			
4" liner slotted 12,212'-12,341'			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
		None	
33.* PRODUCTION			
DATE FIRST PRODUCTION February 1, 1965		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Shut-in			
DATE OF TEST February 4, 1965	HOURS TESTED 2 hrs.	CHOKE SIZE 19/64"	PROD'N. FOR TEST PERIOD 23
FLOW. TUBING PRESS. 3717	CASING PRESSURE -	CALCULATED 24-HOUR RATE 26.5 BC/MMCF/D	OIL—BBL 30,000
WATER—BBL. Condensate		GAS—MCF. 408	
WATER—BBL. 37,774		GRAVITY-API (CORR.) 57.5°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold			
TEST WITNESSED BY A. L. Ellerd			
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 Original Signed By V. L. KING		TITLE Acting District Exploitation Engineer	
DATE February 12, 1965			

*(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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Atoka	12,135'	12,345'	White crystalline limestone, vuggy, porous, calcareous, crystalline, gas & distillate	Delaware Bone Spring Mol. trap Pennsylvanian Des Moines Atoka	5,153' 8,718' 11,522' 11,903' 11,989' 12,135'	(-1590') (-5150') (-7960') (-8342') (-8427') (-8573')