

N.M.O.C.D. COPY

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. LC-028772 (b)	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other Temp. Abandon		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR ARCO Oil & Gas Company Division of Atlantic Richfield Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Box 1710, Hobbs, New Mexico 88240		8. FARM OR LEASE NAME Federal 10	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1550' FNL & 660' FWL At top prod. interval reported below as above At total depth as above		9. WELL NO. 1	
14. PERMIT NO. _____ DATE ISSUED _____		10. FIELD AND POOL, OR WILDCAT Undesignated Morrow Gas	
15. DATE SPURRED 9/19/80		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 10-18S-28E	
16. DATE T.D. REACHED 11/5/80		12. COUNTY OR PARISH Eddy	
17. DATE COMPL. (Ready to prod.)		13. STATE N.M.	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3643.3' GR		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 10,720'		21. PLUG BACK T.D., MD & TVD 8422'	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* None		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN FDC-CNL, DLL-MSFL, Sonic, Dipmeter		27. WAS WELL CORED Yes	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
30" Conductor		48'	36"
13-3/8" OD	54.5#	410'	17 1/2"
8-5/8" OD	28 & 32#	2800'	11"
CEMENTING RECORD			
Redi-mix to surf			
550 sx			
1350 sx			
AMOUNT PULLED			
None			
None			
None			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
31. PERFORATION RECORD (Interval, Depth, and Number)			
None			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
10,309-9869'		130 sx C1 H cmt w/.3% HR-7	
8797-8422'		170 sx C1 H cmt w/3/4 of 1% CFR-2 & 10# sd/sk	
33.* PRODUCTION			
DATE FIRST PRODUCTION Dry hole - TA		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) TA	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY Sherman Norton	
35. LIST OF ATTACHMENTS Logs as listed in Item 26 above & Inclination Report			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <i>Jerry W. Schmidt</i>		TITLE Dist. Drlg. Supt.	
		DATE 12/1/80	

*(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	TRUE VERT. DEPTH
Bone Springs	6596'	6746'	DST #1 - TO @ 5 AM 10/14/80, 15 min IFP, no blow. CT @ 5:15 AM for 1 hr ISIP. TO @ 6:15 AM for 1 hr FFP, no blow. CT @ 7:15 AM for 2 hr FSIP. Rel pkr @ 9:15 AM 10/14/80. POH w/test tools. BHT 1400F.	Dean	7184'		
Morrow	10370'	10489'	DST #2 - rec 1800' fm wtr. Sampler 1550 cc fm wtr, 400#, BHT 1540F.	Wolfcamp	7628'		
Morrow	10290'	10364'	DST #3 - TO @ 5:49 AM 11/11/80 w/weak blow in 2 mins, cmt plug failed. POH w/tools.	Cisco	8574'		
Morrow	10285'	10335'	DST #4 - TO @ 6:45 AM 11/16/80, rec 15 bbls salt wtr cut drlg fluid. Sampler 400 ML wtr cut drlg fluid, no gas. BHT 1500F.	Strawn	9404'		
			Core recovery on Attached Page 1.	Atoka	9858'		
				Morrow	10156'		
				U. Miss.	10538'		
				Chester	10666'		