

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 P & A		
b. TYPE OF COMPLETION:		NEW WELL ☐	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other P & A
2. NAME OF OPERATOR Atlantic Richfield Company						5. LEASE DESIGNATION AND SERIAL NO. 14-20-0603-6316	
3. ADDRESS OF OPERATOR Box 2197, Farmington, New Mexico						6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 920' FSL & 810' FSL (Unit M) SW/4 NW/4 Sec 19 At top prod. interval reported below Same At total depth Same						7. UNIT AGREEMENT NAME Cherrea-Navajo	
14. PERMIT NO.						DATE ISSUED	
15. DATE SPUNDED 1/7/67						12. COUNTY OR PARISH San Juan	
16. DATE T.D. REACHED 2/1/67						13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.) P & A 2/3/67						18. ELEVATIONS (OF RKB, RT, GR, ETC.)* GR 5324', RKB 5336'	
20. TOTAL DEPTH, MD & TVD 6451 MD						19. ELEV. CASINGHEAD None	
21. PLUG, BACK T.D., MD & TVD						23. INTERVALS DRILLED BY All	
22. IF MULTIPLE COMPL., HOW MANY*						ROTARY TOOLS None	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* P & A						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction-Electric, Sonic-Gamma Ray, Microlog						27. WAS WELL CORED No	
CASING RECORD (Report all strings set in well)							
CASING SIZE 13 3/8	WEIGHT, LB/FT. 48	DEPTH SET (MD) 307.45'	HOLE SIZE 17 1/2"	CEMENTING RECORD 150 sx + 2% gel & 150 sx neat - all w/ 2% CaCl2		AMOUNT PULLED None	
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number) P & A				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) P & A			
33.* PRODUCTION DATE FIRST PRODUCTION				PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			
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.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)							
35. LIST OF ATTACHMENTS Electric logs as above. (2 Copies each)							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED B. J. Santoni		TITLE Dir. Prod. Supv.		DATE 3/6/67		U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.	

*(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; CORDED 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.
Ismay: DST #1 5645'-5745' no w.o. Tool open 165 min. 075 after 140 mins. 11.5' F.M. Had fair blow. Rec. 200' GCM w/film lt. GCM. oil + 270' G & WCM + 980' all muddy salt water. ISIP (80 min) 2699 psi. IF - 27 psi. FPF - 660 psi. PSIP (120 min) 2472 psi. HRF - 2701 psi.			
Desert Creek: DST #2 5885-5980 no w.o. Tool open 110 min. Had fair blow thruout. No G.F.M. Rec. 70' GCM. ISIP (60 min) 2554 psi. IFF - 56 psi; FPF - 56 psi. PSIP (90 min) 2269 psi. HRF - 2840 psi.			
Almah: DST #3 6003'-6052' no w.o. Tool open 125 min. Had fair blow thruout. No G.F.M. Rec. 10' all G.O.H. w/trace lt. gm. oil. ISIP (75 min) - 87 psi; IFF - 175 psi; FPF - 175 psi. PSIP (90 min) 87 psi; HRF - 2894 psi.			
Desert Creek: DST #4 5742-5763 (straddle test) no w.o. Tool open 125 mins. Good to strong blow thruout. 075 in 5 mins & burned w/3'-4' flare. Recovered 120' G.O.H. ISIP (60 min) 2640 psi; IFF - 85 psi; FPF - 85 psi; PSIP (60 min) - 2525 psi; HRF - 2840 psi.			

SUBSEQUENT REPORT OF P & A WILL BE FILED AFTER LOCATION IS CLEARED UP.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Dakota	Surface	
Morrison?	1122'	
Summerville	1220'	
Entrada	1302'	
Carmel		
Havaje		
(Wingate)		
Chinle	1344'	
	2126'	
Shinarump	3162'	
Hoenkopi	5192'	
Cocconino	5235'	
Organ Rock	5396'	
Hermosa	4901'	
Ismay	5595'	
Desert Creek	5718'	
Almah	5949'	
Barter Creek	6099'	
Pinkerton		
Trail	6300'	
T.D.	6451'	