

WELL COMPLETION OR RECOMPLETION REPORT LOG *

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐
2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐
3. NAME OF OPERATOR: Atlantic Richfield Company
4. ADDRESS OF OPERATOR: P. O. Box 1710, Hobbs, New Mexico 88240
5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):
At surface 660' FEL & 1980' FSL (Unit Letter I)
At top prod. interval reported below 660' FEL & 1980' FSL (Unit Letter I)
At total depth 660' FEL & 1980' FSL (Unit Letter I)

6. PERMIT NO. DATE ISSUED
7. FIELD AND POOL, OR WILDCAT: Avalon Strawn Gas
8. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: 32-20S-27E
9. COUNTY OR PARISH: Eddy
10. STATE: N.M.
11. ELEV. CASINGHEAD: 3213.7' GR
12. TOTAL DEPTH, MD & TVD: 11,010'
13. PLUG, BACK T.D., MD & TVD: 10,967'
14. IF MULTIPLE COMPL., HOW MANY*: 1
15. INTERVALS DRILLED BY: 0-11,010'
16. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 9650-55' & 9706-08' Strawn Gas
17. WAS DIRECTIONAL SURVEY MADE: No
18. TYPE ELECTRIC AND OTHER LOGS RUN: CN & DL w/caliper, DLL w/Rxo, CBL-Corr. Log
19. WAS WELL CORED: No

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8" OD	54.5#	515'	17-1/2"	900 sx	
9-5/8" OD	36#	2095'	12-1/4"	1140 sx plus 3 yds R-M	
5-1/2" OD	15.5 & 17#	11,007'	8-3/4"	1160 sx	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8" OD	9553'	9531'

20. PERFORATION RECORD (Interval, size and number): 9650-55' & 9706-08' 2 JSPF 14, 40" holes
21. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.: 9606-9708' 100 gals 20% acetic acid spotted prior to perforating.

22. PRODUCTION: DATE FIRST PRODUCTION 11-20-77 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flwg. WELL STATUS (Producing or shut-in) Shut-in WOPLC
23. DATE OF TEST 11-29-77 HOURS TESTED 4 CHOKE SIZE 2" PROD'N. FOR TEST PERIOD 10.7 OIL—BBL. 674 GAS—MCF. 0 WATER—BBL. 63:1
24. FLOW. TUBING PRESS. 2325# CASING PRESSURE Pkr CALCULATED 24-HOUR RATE 64 GAS—MCF. 4044 WATER—BBL. 0 OIL GRAVITY-API (CORR.) 59.6°

25. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Shut-in WOPLC TEST WITNESSED BY Bill Needham

26. LIST OF ATTACHMENTS: Logs as listed in Item 26 above, DST #1, 2, 3, 4, Inclination Report.

27. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [Signature] TITLE Dist. Dir. Supvr. DATE 11-29-77

*(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	TRUE VERT. DEPTH
Wolfcamp	8299'	8379'	DST #1 - TO @ 9:00 AM 10/8/77 for 15 mins. IFP, weak blow, incr to fair blow in 2 mins. Closed tool @ 9:15 AM for 1 hr. ISIP GTS in 10 mins. after tool closed. TO @ 10:15 AM for 2 hr. FFP. Max flow rate 297 MCFPD, decr to 204 MCFPD. Tool closed @ 12:15 PM 10/8/77 for 4 hr. FSIP. RO 31 bbls gas cut mud & wtr. 3 B cond. Gvty. 45.80, IHP 4277, IFP 416, ISIP 3936. FFP starting 323 - ending 739, FSIP 3709, FHP 4277, Temp. 1380 F.	Dean Sand Wolfcamp Strawn Atoka Morrow		7,790' 8,192' 9,630' 9,980' 10,510'
Morrow	10,666'	10,740'	DST #2 - TO @ 5:45 AM 10/28/77 for 15 mins. IFP w/weak blow, incr to good blow in 15 mins. no GTS. Closed tool @ 7:00 AM for 1 hr. ISI, re-opened tool @ 7:00 AM for 1 hr. FP w/good blow, no GTS. Closed tool @ 8:00 AM 10-28-77 for 2 hr. SI. R.O. 1400 mud & wtr. IHMP 6057, IFP 152-326, ISIP 4477, FFP 435-739, FSIP 4453, FIMP 5947. Temp 1670 F.			