

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. NM 0558276			
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
2. NAME OF OPERATOR Atlantic Richfield Company				7. UNIT AGREEMENT NAME			
3. ADDRESS OF OPERATOR P. O. Box 1710, Hobbs, New Mexico 88240				8. FARM OR LEASE NAME G. Conley Federal			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 660' FSL & 1980' FEL At top prod. interval reported below as above At total depth as above				9. WELL NO. 1			
14. PERMIT NO. O. C. C. DATE ISSUED ARTESIA, OFFICE				10. FIELD AND POOL, OR WILDCAT Dialer Morrow Undesignated			
15. DATE SPUDDED 3/14/74				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 33-20S-27E			
16. DATE T.D. REACHED 5/2/74				12. COUNTY OR PARISH Eddy			
17. DATE COMPL. (Ready to prod.) 5/23/74				13. STATE New Mexico			
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3224' DF				19. ELEV. CASINGHEAD 3211.5'			
20. TOTAL DEPTH, MD & TVD 11,050'		21. PLUG BACK T.D., MD & TVD 10,995'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY 0-11,050'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 10,672' - 10,897' Morrow				25. WAS DIRECTIONAL SURVEY MADE No			
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Laterolog, BHCCR Neutron Density Log				27. WAS WELL CORED No			
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
13-3/8" OD		48#		505'		17 1/2"	
8-5/8" OD		24#		2501'		12 1/4"	
5-1/2" OD		17 & 20#		11,049.98'		7-7/8"	
CEMENTING RECORD		AMOUNT PULLED					
500 sx & 14 yds Readi-mix							
1006 sx Circulated							
850 sx TOC @ 6900'							
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
2-3/8" OD		10,531.91'		10,542.38'			
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2-3/8" OD		10,531.91'		10,542.38'			
31. PERFORATION RECORD (Interval, size and number) 10,672, 693, 704, 708, 712, 721, 725, 732, 806, 810, 813, 863, 869, 874, 895, 897' w/1-.24" JS. Reperforated 10,672, 693, 704, 708, 712, 721, 725, 732, 806, 810, 813, 863, 869, 874, 895, 897' w/1-.24" JS							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
10,672-897'				7000 gals 7 1/2% MS acid using 1000 ft ³ N ₂ /bbl.			
10,672-897'				5000 SCF nitrogen pad, 7000 gal 7 1/2% MS acid contg 5#/1000 gal FR6			
33.* PRODUCTION friction reducer & 1000 SCF nit-rogen							
DATE FIRST PRODUCTION 5/23/74		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 5/23/74		HOURS TESTED 4		CHOKE SIZE various		PROD'N. FOR TEST PERIOD	
FLOW. TUBING PRESS. 3647#		CASING PRESSURE pkr		CALCULATED 24-HOUR RATE		OIL—BBL. 3948	
GAS—MCF. 658		WATER—BBL.		OIL GRAVITY-API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Shut in, waiting on pipeline connection							
35. LIST OF ATTACHMENTS Logs as listed in Item 26.							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <i>[Signature]</i>		TITLE Dist Drlg Supv.				DATE 6/10/74	

*(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 16: 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: "Seals 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 PORE 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.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
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Drill Stem Test #1. 9865-9960' Strawn. Open 15 mins w/good blow, increased to strong. SI 1 hr, gas to surface in 25 mins into SI period. Open 2 hrs, gas @ end of 1 hr 35 MCFPD, at 1 1/2 hrs 38 MCFPD, at 2 hrs 32 MCFPD. SI 2 hrs, found hole in DP 4740' & crack in DC @ 9650'. Rec 5200' GCDM. Sampler rec 960 cc wtr, 12.8 ft³, gas @ 3400 psi. IH 5188#, IF 15 mins 512#, FF 15 mins 413#, ISIP 4853#, IFP 537#, FFP 1132#, FSIH 4940#. 3/4" BC, 1/4" TC.

Drill Stem Test #2. 10,270-370' Atoka. Opened well for 1/4 hr preflow, opened w/strong blow. GTS in 9 mins, gas rate @ end of preflow 500 MCFPD. Closed tool for 1 hr SI. Opened tool for 1 hr flow period. Gas rate @ end of 1 hr, 1.5 MCFPD, 1/2 hr 1.65 MCFPD, 3/4 hr 1.75 MCFPD, POH w/test tools, started laying down test tools. Well kicked while laying down tools. Stripped back to btm. Circ off gas 4 hrs. Max back press 1000#. 3/4" BC, 1/2" TC.

Drill Stem Test #3. 10,640-756' Morrow. 1/4 hr preflow open w/good blow. GTS in 14 mins. Gas rate @ end of preflow 300 MCFPD, 1 hr ISI, 1 hr flow period. Gas rate 750 MCFPD, 2 1/2 hr FSI. POH w/tools, rec 256' drlg fluid. Sampler recovery 160 cc drlg fluid. 8.4 CFG @ 1150 psi. IHP 5712#, IFP 226#, FPF 244#, IS 4583#, IF 244#, FF 441#. FS 4622#, FHP 5712#, BHT 1800. 3/4" BC - 3/8" TC

Drill Stem Test #4. 10,824-923'. Lower Morrow sd. Open tool w/good blow for 1/4 hr preflow. Gas rate @ end of 1/4 hr 70 MCFPD. GTS in 20 mins. Closed tool for 1 1/4 hr ISI. Open tool for 1 1/2 hr flow period. Gas rate @ end of 1 hr 125 MCFPD, 1/2 hr 205 MCFPD, 3/4 hr 280 MCFPD, 1 1/2 hr 650 MCFPD, rec 270' drlg mud.

Sampler rec 120 cc drlg mud, 4 cu ft gas @ 500 psi. IHP 5879, IFP 116, FPF 129, ISI 4533, IF 129, FF 237, FSI 4519, FHP 5866, Temp 1730 F. 3/4" BC, Adjustable TC.

38.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TRUE VERT. DEPTH
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Dean
Wolfcamp
Strawn
Atoka
Morrow

7,832
8,250
9,628
9,987
10,520