

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See other in-
structions on
reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐ 99 NOV - 4 AM 9:42

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐ 070 FARMINGTON, NM

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY Mary Corley

3. ADDRESS AND TELEPHONE NO.
P.O. BOX 3092, Houston, TX 281-366-4491

4. LOCATION OF WELL (Report location clearly and in accordance with any state requirements)*
At surface 1960' FNL NOV - 8 1994 WL
At top prod. interval reported below
At total depth Unit E

14. PERMIT NO. DATE ISSUED
San Juan New Mexico

15. DATE SPUDDED 09/26/1999 16. DATE T.D. REACHED 09/30/1999 17. DATE COMPL. (Ready to prod.) 10/28/1999 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 6132' 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5331 21. PLUG, BACK T.D., MD & TVD 5324' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS YES CABLE TOOLS NO

PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
Blanco Mesaverde 4605' - 5233'

25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray, Dual Burst, & CCL 27. WAS WELL CORED N

28. CASING RECORD (Report all strings set in well)						
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED	
9 5/8" WC-50	32.5#	147'	13 1/2"	300 SXS CLS B TO SURFACE		
7" WC-50	20#	2453' 2447	8 3/4"	330 SXS CLS B CMT Lead & Tail		

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	2265	5331	200 SXS CLS A		2 3/8"	5053'	
	2276	5531					

PERFORATION RECORD (Interval, size, and number)

- 5029' - 5233' w/2 JSPF, .330 in. diameter, total 34 shots
- 4605' - 4744' w/2 JSPF, .330 in diameter, total 28 shots

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	
5029' - 5233'	100,000# 16/30 Arizona Sand & 2480 BBLs WTR	
4605' - 4744'	100,000# 16/30 Arizona Sand & 2560 BBLs WTR	

33.* PRODUCTION

DATE FIRST PRODUCTION 10/28/1999 PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing WELL STATUS (Producing or shut-in) SI

DATE OF TEST 10/28/1999 HOURS TESTED 13 hrs CHOKE SIZE 3/4" PROD'N FOR TEST PERIOD OIL - BBL. Trace GAS - MCF. 1200 MCF WATER - BBL. Trace GAS-OIL RATIO

FLOW TUBING PRESS 220# CASING PRESSURE 230 # CALCULATED 24-HOUR RATE OIL - BBL. GAS - MCF. WATER - BBL. OIL GRAVITY - API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TO BE SOLD TEST WITNESS

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

TITLE

Sr. Business Analyst

DATE

11-03-1999

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NOV 05 1999

FARMINGTON FIELD OFFICE
BY [Signature]
DATE 11-03-1999

ATLANTIC A LS 9B

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, flow and shut in pressures, and recoveries):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1513'		Sandstone			
Kirtland	1588'		Sandstone			
Fruitland Coal	2583'		Coal			
Lewis Shale	2963'		Shale			
Cliff House	4528'		Sandstone			
Menefee Shale	4713'		Sandstone			
Point Lookout	5068'		Sandstone			
Mancos	5228'		Shale			

COMPLETION SUBSEQUENT REPORT**Atlantic A LS 9B****11/3/1999**

NOTE: The total depth of the wellbore and depth of production liner was stated in error on Sundry Notice dated 10/4/1999.

Correct Total Depth - 5331'

Liner Setting Depth - 5331'

10/06/1999 MIRUSU & Ran Gamma Ray, Dual Burst Thermal Decay & CCL logs.

10/13/1999 RU & Perf 1st stage - the Point Lockout formation @ the following intervals with 2 JSPF, .330 inch diameter, total 34 shots:

5029'	5129'	5203'
5037'	5150'	5209'
5055'	5171'	5214'
5109'	5180'	5221'
5115'	5185'	5233'
5123'	5199'	

10/14/1999 Frac 1st stage 5029' - 5233' pumped /500 GALS of 15% HCL Acid ahead then 100,000# 16/30 Arizona sand & 2480 BBLS WTR. RU & TIH w/CIBP & set @ 4860'. RU & Perf 2nd stage - the Cliffhouse Formation @ the following intervals with 2 JSPF, .330 inch diameter, total 28 shots:

4605'	4647'	4694'
4609'	4654'	4700'
4620'	4664'	4730'
4629'	4675'	4744'
4637'	4687'	

10/15/1999 RU & Frac 2nd Stage 4605' - 4744' - pumped 500 GAL of 15% HCL Acid ahead then Frac w/ 100,000# 16/30 Arizona sand & flushed well w/2560 BBLS WTR. Well had ISIP - 334#, 5 min. - 37#, 10 min. - Vaccum. Opened well @ 21:30 - well on vaccum. SWI.

10/15/1999 Opened well @ 3:00 hrs & well press OK, w/no flow. SWIFN

10/16/1999 CSG pressure - 240#. Opened well to pit, gas dry, well blew down in 1 hr. to 0#. No fluid flow. SWI.

10/19 - 20/1999 MIRUSU ND Frac valve & NU BOP. TIH w/mill & TBG - unloading hole w/air. PU TBG tag fill @ 4577'. Circ around w/air. C/O to CIBP @ 4800'. Mill up CIBP & PU above liner & RU to flow well. Flow well to tank w 1/2". Starting PSI 85#. PSI after 5 1/2 hrs - 40#. Start load to recover frac fluids.

(continued on back)

COMPLETION SUBSEQUENT REPORT
Atlantic A LS 9B
11/3/1999

10/21/1999 Flow well to tank w/ ½" choke. CSG PSI 40#, @ final flow 40#. TIH PU TBG. Tag fill @ 5136'. C/O to PBTD @ 5324'. Circ clean w/air. PU above perfs & flow back flac fluids.

10/22/1999 Flow back well. TIH & Tag 35' of fill. C/O w/air to PBTD. PU & flow well for 2 hrs. TIH & tag 4' fill. Flow back well to tank.

10/23/1999 Flow back well w/watchman for 8 hrs. w/ ½" choke. FCP 90#- ending @ 55#.

10/24/1999 Flow back well w/watchman for 8 hrs. w/ ½" choke. SICP 320#. Start flowing well @ 120#. Final PSI 60#.

10/25/1999 TIH & tag 70' fill. C/O to PBTD. Flow well up CSG & down 2 - 3" lines for 2 hrs. TIH & tag 6' fill. PU above perfs & RU to flow well w ½" choke & watchman to tank. Starting PSI 100#. Ending 85#.

10/26/1999 Flow well to tank w ½" choke. TIH & tag & C/O fill. Flow well w ¾" choke.

10/27/1999 Flow well to tank w/watchman on ¾" choke. TIH & tag 10' fill. Circ clean w/air. TOH w/TBG & mill. TIH w/seating nipple & production TBG. Land TBG @ 5053'. ND BOP & NUWH. RU & pull TBG plug. RU & flow well for production test w/ ¾" choke to tank.

10/28/1999 Test well 13 hrs. w ¾" choke: TBG pressure 70 PSI, Flowing Pressure 220#, 1200 MCF Gas. Trace WTR & Oil.

10/28/99 RDMOSU - Rig released @ 9:30 hrs.