

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
CONT 124

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
CONOCOPHILLIPS CO.

Contact: DEBORAH MARBERRY
E-Mail: deborah.marberr@conocophillips.com

8. Lease Name and Well No.
AXI APACHE M 9

3. Address P.O. BOX 2197 WL3 4061
HOUSTON, TX 77252

3a. Phone No. (include area code)
Ph: 832.486.2326

9. API Well No.
30-039-27285

4. Location of Well (Report location clearly and in accordance with Federal requirements)

At surface NENE 660FNL 1190FEL

At top prod interval reported below

At total depth

10. Field and Pool, or Exploratory
BLANCO MESAVERDE
11. Sec., T., R., M., or Block and Survey
or Area Sec 24 T25N R4W Mer NMP

12. County or Parish
RIO ARRIBA 13. State
NM

14. Date Spudded
02/07/2003

15. Date T.D. Reached
02/12/2003

16. Date Completed
☐ D & A ☒ Ready to Prod.
03/19/2003

17. Elevations (DF, KB, RT, GL)*
6371 GL

18. Total Depth: MD
TVD 6000

19. Plug Back T.D.: MD
TVD 5906

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
TDT, GR/CCL,

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J-55	36.0	0	535		310		0	
7.875	4.500 J-55	10.5	0	5995		788		0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	5703							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BLANCO MESAVERDE	5659	5817	5659 TO 5817		39	OPEN
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5659 TO 5817	FRAC W/65Q SLICKWATER FOAM, 1 G/MG FR, 100,000# 20/40 SAND 1,306,100 SCFN2 & 1296 BBLs FLUID

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
03/25/2003	03/19/2003	24	→	0.0	1619.0	1.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
1/2	260	600.0	→					PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #20032 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				OJO ALAMO	2969
				KIRTLAND/FRUITLAND	3228
				PICTURED CLIFFS	3494
				CHACRA	4402
				CLIFFHOUSE	5149
				MENEFEE	5258
				POINT LOOKOUT	5660

32. Additional remarks (include plugging procedure):

This well is completed as a single Blanco Mesaverde well. Attached are the daily summaries and wellbore schematic.

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #20032 Verified by the BLM Well Information System.
For CONOCOPHILLIPS CO., sent to the Rio Puerco

Name (please print) DEBORAH MARBERRY

Title SUBMITTING CONTACT

Signature (Electronic Submission)

Date 03/28/2003

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

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Daily Summary

API/UWI 300392728500	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location NMPM-25N-04W-24-A	N/S Dist. (ft) 660.0	N/S Ref. N	E/W Dist. (ft) 1190.0	E/W Ref. E
Ground Elevation (ft) 7069.00	Spud Date 2/7/2002	Rig Release Date 2/13/2003	Latitude (DMS) 36° 23' 25.9692" N	Longitude (DMS) 107° 11' 54.1608" W			

Start Date	Ops This Rpt
2/20/2003 00:00	HELD SAFETY MEETING. MIRU COIL TBG. OPENED UP WELL. CSG PRESSURE 0#. RIH W/ 3 7/8" BIT & BAKER MOTOR ON 1 3/4" COIL TBG. TAGGED DV TOOL @ 3311'. DRILLED OUT DV TOOL FROM 3311' TO 3313'. RIH & TAGGED DV TOOL @ 5014'. DRILLED OUT DV TOOL FROM 5014' TO 5016'. RIH TAGGED FC @ 5906". CIRCULATED HOLE CLEAN W/ 2% KCL WATER. POOH W/ COIL TBG. SWIN.
2/21/2003 00:00	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 0#. RIH W/ 3 7/8" BIT & BAKER MOTOR ON 1 3/4" COIL TBG. TAGGED FC @ 5906". DRILLED OUT FC @ 5906'. DRILLED OUT CEMENT FROM 5908' TO 5985' PBTD. CIRCULATED HOLE CLEAN W/ 2% KCL WATER. TESTED CSG TO 4300#. HELD OK. POOH W/ COIL TBG. SWI. RDMO.
2/22/2003 00:00	HELD SAFETY MEETING. RU SCHLUMBERGER. RAN TDT LOG FROM 5987' TO 2800'. RAN GR/CCL LOG FROM 5987' TO SURFACE. TESTED 4 1/2" CSG TO 4300#. HELD OK. RD SCHLUMBERGER. (SSM)
3/7/2003 00:00	HELD SAFETY MEETING. RU BLUE JET. PERFORATED THE POINT LOOKOUT. RIH W/ 3 1/8" 120 DEGREE SELECT FIRE PERFORATING GUN. PERFORATED FROM 5659' - 5662' W/ 1 SPF, 5676' - 5682' W/ 1 SPF 5692' - 5696' W/ 1 SPF, 5712'-5722' W/ 1 SPF, 5733'-5736' W/ 1 SPF, 5801'-5805' W/ 1 SPF, 5815'-5817' W/ 1 SPF. A TOTAL OF 39 HOLES. (SSM).
3/8/2003 00:00	HELD SAFETY MEETING. RU SCHLUMBERGER. FRAC'D THE POINT LOOKOUT. TESTED LINES TO 4931#. SET POP OFF @ 3750#. BROKE DOWN FORMATION @ 3 BPM @ 2632#. DROPPED 22 BIO BALL @ 1 BALL PER BBL AND 2 BALLS PER BBL FOR THE REMAINING 25 BALLS @ 15 BPM @ 517. GOOD BALL ACTION. BALLED OFF @ 3700. WAITED 1 HR ON BIO BALLS. FRAC'D THE POINT LOOKOUT W/ 65 Q SLICK WATER FOAM W/ 1 G/MG FR, 100,000 # OF 20/40 BRADY SAND AND TREATED THE LAST 15% OF TOTAL PROPPANT VOLUME WITH PROPNET FOR PROPPANT FLOWBACK CONTROL, 1,306,100 SCF N2 & 1296 BBLs FLUID. AVG RATE 50 BPM. AVG PRESSURE 2572#. MAX PRESSURE 2778#. MAX SAND CONS 1.5 # PER GAL. ISIP 2108#. FRAC GRADIENT .44. SWI. RD SCHLUMBERGER. (SSM).
3/13/2003 00:00	JSA, SAFETY MEETING, MAINT, RIG AN EQUIPMENT. SECURE WELL SDFN
3/13/2003 00:00	JSA, SAFETY MEETING, ROAD RIG TO LOCATION, SPOT IN RIG AN EQUIPMENT. RU FLOWBACK LINES. COULDN'T FIND ONE DEADMAN. WILL HAVE TO WAIT 48 HOURS TO SET ONE. SECURE WELL SDFN.
3/14/2003 00:00	DAY OFF
3/15/2003 00:00	DAY OFF
3/16/2003 00:00	JSA, SAFETY MEETING, SICP 1100#, SET ANCHOR. RIG UP PULLING UNIT, OPEN UP WELL TO PIT ON 1/4" CHOKE, FLARED. PRESS. DOWN TO 950# PUT ON 1/2" CHOKE, PRESS DOWN TO 650#, REMOVE 1/2" CHOKE OPEN UP, PUMPED 30 BBLs OF 2% KCL, ND FRAC VALVE, NUBOP. SET IN TBG HANGER. TEST BOP, 3000# ON HIGH SIDE, BLINDS AN RAMS. 300# LOW ON RAMS AN BLINDS, TESTED OKAY. SECURE WELL, DRAIN UP. SDFN
3/17/2003 00:00	JSA, SAFETY MEETING, SICP 1000#, BLOW WELL DOWN, KILL WELL, 30BBLs OF KCL, RIH WITH TBG, PICK UP AN TALLY IN, TAG FILL AT 5750'. 67' OF PERFS COVERED. RU AIR UNIT, EST. RATE, CLEAN OUT FILL TO 5764', WELL START MAKING WATER AN LOTS OF SAND. RECOVERED ABOUT 150BBLs OF FLUIDS, WELL MAKING A QUART OF SAND PER 5 GALS. OF FLUIDS AT END OF DAY. SHUT DOWN AIR, PU TBG TO 5702'. SECURE WELL SDFN. WEATHER CONDITION SNOWING, MUDDY, RAINING.
3/18/2003 00:00	JSA SAFETY MEETING, SICP 1000#, BLOW WELL DOWN, RIH WITH TBG, TAG FILL AT 5716', RU AIR, EST RATE, C/O TO PBTD OF 5985', WELL MAKING SOME FLUIDS AN SOME SAND. BLOW AROUND OFF OF PBTD. REST OF DAY. WELL NOT MAKING ANY SAND, SHUT DOWN AIR, PU TBG TO 5703'. SECURE WELL SDFN.
3/19/2003 00:00	JSA, SAFETY MEETING, SICP 1000#, BLOW WELL DOWN, RIH WITH TBG. TAG FILL AT 5985' (NO FILL), PU TBG TO 5703'. START FLOW TEST. TEST RESULTS, TBG PRESS. 260#, CSG. PRESS. 600#, TEST TAKEN ON 1/2" CHOKE, FLOW RATE 1619 MCF, 1 BBLs OF WATER, NO OIL. WITNESS BY GILBERT BENNETT, KEY ENERGY, J. VALDEZ, COPC. BLOW WELL DOWN, RIH WITH TBG, TAG UP 5985'. NO FILL. PU TBG TO 5703', LAND WELL. NDBOP, NUWH, FLOW WELL TO PIT FOR THREE MORE HOURS. SHUT WELL IN, RDPU AN EQUIPMENT, LAST REPORT, JWW.



END OF WELL SCHEMATIC

Well Name: AXI APACHE M9API #: 30-039-27285Spud Date: 7-Feb-03Spud Time: 0600 HoursTD Date: 12-Feb-03Rig Release Date: 13-Feb-03

7 1/16" 5M x 2 1/16" 5M Tree Adapter/Cap
11" 3M x 7 1/16" 5M Tubing Spool
9-5/8" 8 RD x 11" 3M Casing Head

Surface CasingDate set: 2/7/03☒ New
☐ Used

Size 9 5/8 in
Set at 535 ft # Jnts: 12
Wt. 36 ppf Grade J-55
Hole Size 12 1/4 in
Wash Out 100 %
Est. T.O.C. SURFACE ft

Csg Shoe 535 ft
TD of surface 545 ft

Notified BLM @ 0915 hrson 2/5/2003Notified NMOCD @ 0607 hrs2/6/2003DV Tool 3311 ftDV Tool 5014 ft**Production Casing**Date set: 2/12/03☒ New
☐ Used

Size 4 1/2 in
Wt. 10.5 ppf Grade J-55 from 13 to 5995 ft
Hole Size 7-7/8 in # Jnts: 140
Wash Out: 112 %
Est. T.O.C. SURFACE ft
Marker jnt @ 5007 ft

Notified BLM @ 0627 hrson 2/11/2003Notified NMOCD @ 630 hrs2/11/2003FC 5906 ftCsg Shoe 5995 ftMud Wt. @ TD 9.5 ppgTD 6,000 ft**Cement** Date cmt'd: 2/7/2003

Lead: 310 SX CLASS B W/2% CACL2
PLUS 1/4 PPS FLOCELE @ 15.6 PPG
& 1.20 CUFT/SX.

Displacement vol. & fluid.: 38.3 BBLS FWBumped Plug at: 2044 HRSPressure Plug bumped: 320 psiReturns during job: YESCMT Returns to surface: 28 BBLSFloats Held: Yes NoW.O.C. for 25.75 hrs (plug bump to drlg cmt)**Cement** Date cmt'd: 2/12/2003

Stage 1: 253sx Class H 50/50/std/poz 3% Gel
.8% Halad-9, .2% CFR-3 5#/sx Phenoseal

Displacement vol. & fluid.: 20 FW/70 MUDBumped Plug at: 12:15Pressure Plug bumped: 975Returns during job: YESCMT Returns to surface: 20 BBLSFloats Held: X Yes No

Stage 2: 220sx Class H Std 3% Econolite
10#/sx Phenoseal

Displacement vol. & fluid.: 30 FW/48 MUDBumped Plug at: 1615Pressure Plug bumped: 2100Returns during job: YESCMT Returns to surface: 40 BBLSFloats Held: X Yes No

Stage 3: 315sx Class H Std 3% Econolite
10#/sx Phenoseal

Displacement vol. & fluid.: 54 BBLS FWBumped Plug at: 2210Pressure Plug bumped: 2000Returns during job: YESCMT Returns to surface: 60 BBLSFloats Held: X Yes No**COMMENTS:**Surface: NO FLOAT EQUIPMENT RAN. WELL SHUT-IN WITH 210 PSI.OBTAINED AN ACCEPTABLE CASING TEST WITH PACKER, 1500 PSI FOR 30 MINUTES WITH FW.

Production:

CENTRALIZERS:Surface: 525', 491', 447', 317', 187' & 58'Total: 6Production: 5983', 5848', 5927', 5800', 5675', 5546', 5421', 5292', 5163', 5036', 4985', 4494', 3997', 3483', 3311', 3267', 3015',
2498', 1981', 1506', 988', 513', 470'.Total: 23