

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.
NMNM03040-A

a. 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 COMPANY

Contact: CHRIS GUSTARTIS
E-Mail: christina.gustartis@conocophillips.com

8. Lease Name and Well No.
SAN JUAN 29-6 UNIT 70A

3. Address P.O. BOX 2197, WL3-6081
HOUSTON, TX 77252

3a. Phone No. (include area code)
Ph: 832.486.2463

9. API Well No.
30-039-21263

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 29 T29N R6W Mer NMP
At surface SWNW 1490FNL 850FWL

10. Field and Pool, or Exploratory
BASIN FRUITLAND COAL

11. Sec., T., R., M., or Block and Survey
or Area Sec 29 T29N R6W Mer NMP

12. County or Parish
RIO ARRIBA

13. State
NM

At top prod interval reported below
At total depth

14. Date Spudded
11/23/1976

15. Date T.D. Reached
12/05/1976

16. Date Completed
☐ D & A ☒ Ready to Prod.
08/29/2004

17. Elevations (DF, KB, RT, GL)*
6434 GL

18. Total Depth: MD 5718
TVD

19. Plug Back T.D.: MD 5662
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CNL/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
6.250	4.500 K-55	11.0	3508	5716		210			
12.250	9.625 H-40	36.0	0	219		115		0	
8.750	7.000 K-55	20.0	0	3692		150		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	5001							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
BASIN FRUITLAND COAL	3214	3296	3214 TO 3296	0.340	48	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3214 TO 3296	FRAC'D W/94,556 GAL.20# DELTA 140 FRAC FLUID; 4000# 40/70 AZ & 88,400# 16/30 B SAND.

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
08/29/2004	08/27/2004	24	→	0.0	396.0	5.0			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	SI	60.0	→					GSI	

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	
	SI		→						

ACCEPTED FOR RECORD

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

ELECTRONIC SUBMISSION #35495 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** SEP 01 2004

NMOCD

FARMINGTON FIELD OFFICE
BY m

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.)
VENTED

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	2460
				KIRTLAND	2591
				FRUITLAND	3042
				PICTURED CLIFFS	3337
				LEWIS	3492
				CLIFF HOUSE	5073
				MENEFEE	5184
				PT. LOOKOUT	5499

32. Additional remarks (include plugging procedure):

Recomplete to the Basin Fruitland Coal. This well is now downhole commingled producing from the Basin Fruitland Coal and Blanco Mesaverde. Daily Summary is attached.

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 #35495 Verified by the BLM Well Information System.
For CONOCOPHILLIPS COMPANY, sent to the Farmington
Committed to AFMSS for processing by STEVE MASON on 09/01/2004 ()

Name (please print) CHRIS GUSTARTIS

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 09/01/2004

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 300392126300	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location NMPM-29N-06W-29-E	N/S Dist. (ft) 1490.2	N/S Ref. N	E/W Dist. (ft) 850.1	E/W Ref. W
Ground Elevation (ft) 6434.00	Spud Date 11/23/1976	Rig Release Date 7/12/1976	Latitude (DMS)	Longitude (DMS)			

Start Date	Ops This Rot
8/16/2004 00:00	PJSM. SICP= 170#. OPERATOR. LO/TO, BLOW DOWN EQUIPMENT. CHECK LOCATION FOR LEL'S. SPOT UNIT AND EQUIPMENT. RU UNIT AND EQUIPMENT. DIG PIT. KILL TBG W/ 5 BBL KCL, INSTAL 2 WAY CHECK. ND WH, NU BOPE. TEST BOPE, 200# LOW AND 3000# HIGH. TEST WAS GOOD. RU FLOOR AND TBG. TOOLS. POOH W/ 2 WAY CHECK. BLEED CSG. DOWN. KILL W/ 20 BBL KCL. UNSEAT HANGER. POOH STANDING BACK W/ 100 JTS 2 3/8" TBG. TBG. LOOKS GOOD. HIGH WINDS SD @ 16:30 PM. SECURE WELL SDFN.
8/17/2004 00:00	PJSM. SICP=160#. BWD. CONTINUE TO TOOH W/ 78 JTS 2 3/8" TBG. . PJSM W/ COMPUTALOG. MU AND RIH W/ 4" JUNKBASKET (GUAGE RING). TO CHECK LINER TOP. POOH. PU 4.5" HALIBURTON CBP AND RIH AND SET @ 3550'. POOH. RU DUMP BAILER AND RIH AND DUMP 20' SAND ON CBP. POOH. LOAD HOLE W/ 142 BBL 2 % KCL. PU AND RIH W/ CNL/GR/CCL LOGGING TOOL AND LOG FROM 3550' TO 2000'. CONTINUE GR/CCL TO SURFACE. POOH AND LD TOOLS. RD SERVICE COMPANYS. SECURE WELL SDFN.
8/18/2004 00:00	PJSM. SICP= 0#. R&R 2 3/8" PIPE RAMS FOR 4 1/2" RAMS. SET HANGER W/ BPV. TEST BOPE TO 200# LOW AND 3000# HIGH. TEST WAS GOOD. RU 4.5" TBG. TOOLS. MU AND TIH W/ SCHLUMBERGER 7" AD1 PKR AND 101 JTS 4.5" 12.6 # TBG TO 3071'. LOAD HOLE W/ 20 BBL KCL. SET PKR AND TEST PLUG LINER TOP AND 7" FROM 3508' TO 3071'. (TEST TO 2700#) . TEST WAS GOOD. RELEASE PKR. AND LEAVE UNSET. WAIT FOR 3 JTS 4.5" TBG. SD @ 16:30 AND TBG NOT ON LOC. SECURE WELL SDFN.
8/19/2004 00:00	PJSM. SICP= 0#. TIH W/ 2 JTS 4.5" TBG. SET 7" FULL BORE PKR @ 3142' KB. PULL 40K TENSION INTO PKR. RU WSI FLANGED FRAC STACK ON TBG. (FLANGED TO BOP). REMAINDER OF DAY REPAIRED POWER SWIVEL AND RIG PUMP. SECURE WELL SDFN.
8/20/2004 00:00	PJSM. SICP=0#. RU COMPUTALOG WIRE LINE. MU AND RIH W/ 3 1/8" SF 90° PPW/ 12G 306T CHARGES. PERFORATE FC AS FOLLOWS: 3214'-3224', 3234'-3246', 3252'-3262', 3284'-3296'. ALL SHOTS ARE 1SPF FOR TOTAL OF 48 (.34") HOLES. POOH W/ GUNS, RD COMPUTALOG AND RELEASE. LOAD AND TEST 4.5X7" ANN. AND LEAVE 500#. SECURE WELL AND SDFN.
8/21/2004 00:00	PJSM. DISCUSSED DAYS EVENTS AND WAYS TO PREVENT INCIDENT. RU HALLIBURTON FRAC UNIT. PRESSURE TEST LINES TO 4800#. TEST WAS GOOD. SET PRV @ 4000#. FRACED FRUITLAND COAL W/ 94,556 GAL OF 20# DELTA 140 FRAC FLUID @ AV RATE OF 33.5 BPM AND AV PRESSURE OF 3100#. PLACED 4000# 40/70 AZ AND 88,400# 16/30 B SAND W/ MAX SAND CONCENTRATION OF 3.23 PPG. FLUID TO RECOVER IS 2378 BBL. 27% PAD W/ INITIAL FRC GRADIENT OF .64 PSI/FT. MAX PRESSURE DURING JOB WAS 3948#. RD SERVICE COMPANYS. SECURE WELL AND SDFWE.
8/23/2004 00:00	PJSM. SITP= 420#, SICP=470#. BLEED CSG. DOWN. BLOW DOWN TBG. AND KILL W/ 20 BBL. ND FRAC STACK. TRY TO RELEASE PKR. PU 1 JT 4.5" TBG. ABLE TO WORK PKR DOWN BUT NOT ABLE TO ROTATE ENOUGH TO RELEASE PKR. (HYDROSTATIC HEAD ON BACKSIDE NOT ALLOWING SLIPS TO RELAX.) PJSM W/ BLUE JET. RU BLUE JET WIRELINE. RIH W/ 1 9/16" CSG PUNCH AND PUNCH 4 HOLES @ 3180'- 3188' IN 4.5" TBG. ONLY. TRY TO RELEASE PKR. ARE UNSUCCESSFUL. DECIDED TO LEAVE SI OVERNIGHT AND LET EQUILIZE. SECURE WELL AND SDFN.
8/24/2004 00:00	PJSM. SITP=420#, SICP=80#. BLEED CSG DOWN. WORK TO RELEASE PKR. CAN NOT RELEASE. PU POWER SWIVEL. ROTATE AND PULL TENSION TO SHEAR SAFETY ON PKR. POOH AND LD 105 JTS 4.5" TBG. LEFT PKR MANDREL, SLIPS ,CONE AND COLLAR @ 3195'. CALLED FOR FISHING TOOLS. TOOLS AND FISHERMAN ON LOCATION @ 16:30. PJSM. PU AND RIH W/ 3 3/4" SPEAR W/ 4" GRAPPLE, X/O ,BUMPER SUB, JARS, (5) 3 1/2 DC, X/O AND 40 JTS 2 3/8" TBG. SECURE WELL SDFN.
8/25/2004 00:00	PJSM. SICP=300#. BWD. CONTINUE TO TIH AND TAG FISH @ 3234'. ENGAGE FISH. PULL INTO TO SET OFF JARS. JARS ARE NOT WORKING. WORK FOR 1 HR TO ACTUATE JARS. NO LUCK. RELEASE FISH. POOH W/ 98 JTS 2 3/8" TBG. REPLACE JARS. TIH W/ BHA AND 98 JTS TBG. ENGAGE FISH. JAR ON PKR AND GET MOVING. POOH AND DID NOT HAVE PKR. REPLACE GRAPPLE ON SPEAR. TIH AND ENGAGE FISH. POOH W/ 98 JTS 2 3/8" TBG. STAND BACK DC, LD TOOLS AND PKR. SECURE WELL SDFN. (PKR IS OOH , LEFT 3 PIECES OF SLIPS IN HOLE. WE WILL TRY TO RETRIVE W/ A MAGNET IN THE AM.)
8/26/2004 00:00	PJSM. SICP= 400#. BWD. MU AND TIH W/ 6 1/4" MAGNET, X/O, AND 108 JTS 2 3/8" TBG. TAG FILL @ 3254'. WORK MAGNET IN SAND. POOH, RETRIVED 2 SLIPS. LD MAGNET. MU AND TIH W/ 3 7/8" JUNK MILL, BIT SUB AND 108 JTS 2 3/8" TBG. TAG FILL. RU FB TANK. BREAK CIRCULATION W/ AIR. UNLOAD HOLE. C/O FILL FROM 3254' TO LINER TOP @ 3508'. CIRCULATE REMAINDER OF DAY. WELL RETURNING HEAVY LOAD WATER. POOH W/ 20 JTS 2 3/8" TBG. SECURE WELL SDFN.

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Ground Elevation (ft) 6434.00	Spud Date 11/23/1976	Rig Release Date 7/12/1976	Latitude (DMS)	Longitude (DMS)			

Start Date	Ops This Rot
8/27/2004 00:00	<p>PJSM. SICP= 400#. BWD. TIH AND TAG FILL @ 3503'. (5 ' FILL). BREAK CIRCULATION W/ AIR. UNLOAD HOLE. CIRCULATE CLEAN. PUH TO 3140'. FLOW TEST FRUITLAND COAL FORMATION FLOWING UP CSG. (STRING FLOAT IN TBG STRING. UNABLE TO FLOW UP TBG.) FLOW TEST IS AS FOLLOWS: FC PERFS. 3214'- 3296'. 2 3/8" TBG SET @ 3140' KB TESTED FLOWING TO ATMOSPHERE W/ 1/2' CHOKE @ SURFACE SITP= N/A FCP= 60# FC PRODUCTION= 396 MCFPD 5 BWPD O BOPD NO SAND. TEST WITNESSED BY H. FRIAS W/ KEY ENERGY SERVICES.</p> <p>TIH W/ 10 JTS 2 3/8" TBG. TAG FILL @ 3505'. BREAK CIRCULATION W/ AIR UNLOAD HOLE. C/O FILL FROM 3505' TO CBP @ 3550'. DRILL OUT PLUG. POOH W/ 16 JTS 2 3/8" TBG. SECURE WELL SDFN.</p>
8/28/2004 00:00	<p>PJSM. SICP= 450#. BWD. TIH W TBG AND TAG FILL @. 5660'. BREAK CIRCULATION W/ AIR. UNLOAD HOLE. CIRCULATE CLEAN. POOH W/ 160 JTS 2 3/8" TBG. KILL WELL W/ 15 BBL KCL. CONTINUE TO TIH AND LD MILL. MU AND TIH DRIFTING EVERY JT. W/ 2 3/8" EXP. CK. 1.81" FN AND 180 1 JTS 2 3/8" . TAG FILL @ 5645'. BREAK CIRCULATION W/ AIR UNLOAD AND C/O FILL TO PBTD OF 5662'. CIRCULATE CLEAN. PUH TO 3140'. SECURE WELL SDFN.</p>
8/29/2004 00:00	<p>PJSM. SICP= 450#. BWD. TIH AND TAG NO FILL. PUMP 3 BBL, DROP BALL. PRESSURE UP TO 900# W/ AIR. HELD PSI TO TEST TBG. TEST WAS GOOD. PRESSURE UP AND PUMP OUT CK @ 1125#. UNLOAD HOLE W/ AIR. POOH AND LD 22 JTS. LAND WELL W/ 159 JTS EOT @ 5001' KB W/ 1.81" FN AND MULE SHOE GUIDE ON BOTTOM.SET 2 WAY CK. IN HANGER. ND BOPE, NU MASTER VALVE. LET WELL FLOW TO ENSURE AIR IS PURGED AND WELL IS NOT LOGGED OFF. RD UNIT AND EQUIPMENT. TURN OVER TO OPERATOR AND WFS FOR PRODUCTION. LOAD EQUIPMENT AND MO LOC. (((FINAL REPORT)))</p>