

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**

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. NMSF078281		
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff. Resvr. Other _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator CONOCOPHILLIPS COMPANY			8. Lease Name and Well No. SAN JUAN 29-5 UNIT 24		
3. Address P.O. BOX 2197, WL3-6081 HOUSTON, TX 77252			3a. Phone No. (include area code) Ph: 832.486.2463		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNE 990FNL 1650FEL At top prod interval reported below At total depth			9. API Well No. 30-039-07637		
14. Date Spudded 01/18/1956			15. Date T.D. Reached 02/21/1956		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/23/2004			10. Field and Pool, or Exploratory BASIN FRUITLAND COAL		
18. Total Depth: MD 5930 TVD			11. Sec., T., R., M., or Block and Survey or Area Sec 17 T29N R5W Mer NMP		
19. Plug Back T.D.: MD 5919 TVD			12. County or Parish RIO ARRIBA		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL; GR; CCL			13. State NM		
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)			17. Elevations (DF, KB, RT, GL)* 6592 GL		

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
14.750	10.750 H-40	33.0	13	210		160		13	
9.875	7.625 J-55	26.0	13	3585		200		2000	
6.750	5.500 J-55	14.0	13	5927		150		4000	

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	5766							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
BASIN FRUITLAND COAL	3264	3521	3264 TO 3521	0.340	50	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
3264 TO 3521	FRAC'D W/84,556 GAL. OF 45#-35# DELTA 140 FRAC FLUID; 4000# 40/70 AZ & 88,400# 16/20 CARBOLITE 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
09/23/2004	09/22/2004	24	→	0.0	409.0	20.0			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	62.0	→					GS1	

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		→						

## 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	2722
				KIRTLAND	2885
				FRUITLAND	3226
				PICTURED CLIFFS	3527
				LWIS	3727
				CHACRA	4538
				CLIFFHOUSE	5404
				MENEFEE	5451
				POINT LOOKOUT	5726

## 32. Additional remarks (include plugging procedure):

This well is a downhole commingled well producing from the Basin Fruitland Coal and Blanco Mesaverde. Daily Summary attached. Also, cement squeeze performed on 9/8/04 from 3180' to 3700'. 462 sks of cement were used.

## 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 #36699 Verified by the BLM Well Information System.  
For CONOCOPHILLIPS COMPANY, sent to the Farmington  
Committed to AFMSS for processing by STEVE MASON on 09/30/2004 ()**

Name (please print) CHRIS GUSTARTIS

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 09/27/2004

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

## Daily Summary

API/UWI 300390763700	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location NMPM-29N-05W-17-B	N/S Dist. (ft) 990.2	N/S Ref. N	E/W Dist. (ft) 1649.9	E/W Ref. E
Ground Elevation (ft) 6592.00	Spud Date 1/18/1956	Rig Release Date 1/2/1956	Latitude (DMS)	Longitude (DMS)			

Start Date	Ops This Rot
9/3/2004 00:00	PJSM. SICP= 200#. OPERATOR. LO/TO, BLOW DOWN EQUIPMENT. CHECK LOCATION FOR LEL'S. SPOT UNIT AND EQUIPMENT. RU UNIT AND EQUIPMENT. KILL TBG W/ 5 BBL KCL, INSTALL 2 WAY CHECK. ND WH, NU BOPE. TEST BOPE, 200# LOW AND 2000# HIGH. TEST WAS GOOD. RU FLOOR AND TBG. TOOLS. POOH W/ 2 WAY CHECK. SECURE WELL SDFN.
9/7/2004 00:00	PJSM SICP=200#. BWD. TOOH W/ 189 JTS 2 3/8" TBG. LD FN. MU AND TIH W/ 5.5" SCHLUMBERGER RBP AND 121 JTS 2 3/8" TBG. SET RBP @ 3707' KB. LOAD AND ROLL HOLE W/ 90 BBL KCL. POOH W/ TBG. PJSM W/ BLUE JET WIRELINE. RU WIRELINE. MU AND RIH W/ CBL/GR/CCL TOOLS AND LOG FROM 3700' TO 2500'. NO CEMENT BEHIND 5.5" CSG. POOH W/ LOGGING TOOLS. CLOSE RAMS AND PRESSURE TEST CSG TO 500#. HELD FOR 15 MIN. TEST WAS GOOD. MU AND RIH W/ 31/8" SELECT FIRE SUB AND PERFORATE 2 SQUEEZE HOLES @ 3450'. POOH W/ GUNS. RELEASE WIRELINE. MU AND TIH W/ SCHLUMBERGER 5.5" PKR AND 106 JTS 2 3/8" TBG. DUMP 10 GAL SAND DOWN TBG. TO RBP. SECURE WELL SDFN.
9/8/2004 00:00	PJSM. SICP=0#. SET 5.5" PKR @ 3278'. LOAD 2 3/8" X 5.5" ANN. C/O 7.625" X 5.5" ANN VALVE. NOTIFY BLM ( SHARON ) @ 8:00 AM. LEFT MSG W/ NMOC@ 8:14. PJSM W/ SCHLUMBERGER CEMENT CREW. PRESSURE TEST LINES TO 2586#. START 20 BBL DYE WATER AHEAD. PUMP 215 BBL ( 462 SKS ) 11.7 PPG W/ 3% EXTENDER, .2% ANTIFOAM, TAIL IN W/ 10 BBL, 50 SKS 15.8# CLASS G W/ 1% S-1. DISPLACE W/ 15 BBL ( 2.5 BBL BELOW PKR). SWI W/ 540# ON TBG. DID NOT SEE CEMENT RETURNS BUT DID SEE WATER RETURNS @ SURFACE. RD SCHLUMBERGER. SECURE WELL SDFN. WOC.
9/9/2004 00:00	PJSM. SITP= 230#, SICP= 280#. BWD. RELEASE PKR. POOH W/ 106 JTS 2 3/8" TBG. AND LD. PKR. MU AND TIH W/ 4 3/4" CONE BIT, BIT SUB AND 107 JTS 2 3/8" TBG. TAG CEMENT @ 3390'. RU SWIVEL. BREAK CIRCULATION W/ WATER ( REVERSE CIRCULATING). DRILL OUT W/ 4 JTS AND FALL THRU @ 3520'. CONTINUE TO TIH TO RBP @ 3700'. CIRCULATE WELL CLEAN W/ 70 BBL 2 % KCL. TOOH W/ 118 JTS 2 3/8" TBG. LD. BIT. PRESSURE TEST CSG TO 500#. TEST WAS GOOD. BWD. SECURE WELL SDFN.
9/10/2004 00:00	SICP= 0#. PJSM. RU BLUEJET WIRELINE. MU AND RIH W/ CBL GR/CCL LOGGING TOOLS. PULL LOG FROM 3700' TO 2860'. TOC @ 3180'. POOH. RU GSL/GR/CCL RIH AND PULL LOG FROM 3700' TO 2000'. POOH W/ WIRELINE AND RD UNIT. E- MAIL LOGS TO BLUEJET OFFICE TO GET PROCESSED. SECURE WELL SDFN.
9/13/2004 00:00	SICP=0#. PJSM. ND BOPE, NU FRAC VALVE. RIG AND EQUIPMENT MAINT. REMAINDER OF DAY. SECURE WELL SDFN.
9/14/2004 00:00	SICP=0#. PJSM. CHECK WH ,RIG AND SURROUNDING AREA FOR STRAY VOLTAGE. RU BLUE JET WIRELINE. MU AND TIH W/ 3 1/8" SF 90°PP GUNS W/ 12g 306T CHARGES AND RIH AND PERFORATE FC AS FOLLOWS: 3264'- 3266', 3271'-3273', 3333'- 3337', 3347'- 3350', 3438'-3446', 3515'-3521'. ALL SHOTS ARE 2 SPF FOR A TOTAL OF 50 ( .34" ) HOLES. RD WIRELINE. SECURE WELL SDFN.
9/15/2004 00:00	SICP=0# PJSM. FINISH REPAIRS ON ACCUMULATOR, CHANGE OUT BALL VALVES ON AIR MANIFOLD. PACK RIG PUMP. SDFN
9/16/2004 00:00	NO RIG OPERATIONS STAND-BY
9/17/2004 00:00	PJSM. DISCUSSED DAYS EVENTS AND WAYS TO PREVENT INCIDENT. RU STINGER 5.5" ISOLATION TOOL. RU HALLIBURTON FRAC UNIT. PRESSURE TEST LINES TO 4900#. TEST WAS GOOD. SET PRV @ 4000#. B/D FORMATION @ 34 BPM & 3100#. ISDP= 1650# FG= .92. START DH ON PAD FORMATION PRESSURED UP TO 4000# @ 17 BPM AND HAD TO SD DUE TO PRESSURE LIMITS ON CSG. RD SERVICE COMPANYS. SECURE WELL AND SDFN. WILL PU 3.5" FRAC STRING AND PKR IN THE AM. AND WILL RE-FRAC ON 9/19/2004.
9/18/2004 00:00	SICP= 400#. PJSM W/ CREWS. DISCUSSED DAYS EVENTS AND WAYS TO PREVENT INCIDENT. BWD. TIH W/ HANGER AND 2 WAY CK. ND FRAC VALVE, NU BOPE. C/O 2 3/8" RAMS FOR 3.5" RAMS. TEST BOPE. TO 200# LOW AND 2000# HIGH. ( BLIND AND PIPE RAMS.). TEST WAS GOOD. PJSM W/ SCHLUMBERGER TOOL HAND. MU AND TIH W/ 5" 1X DOUBLE GRIP PKR, 2 7/8" x 3.5" X/O, AND 102 JTS 3.5" 9.3# L-80 TBG. SET PKR @ 3155' KB W/ 10 K COMPRESSION. NU STINGER 3.5" FLANGED FRAC STACK. LOAD 3.5" x 5.5" ANN. PRESSURE UP TO 500#. RELEASE SERVICE COMPANYS. SECURE WELL SDFN.
9/19/2004 00:00	PJSM. DISCUSSED DAYS EVENTS AND WAYS TO PREVENT INCIDENT. RU HALLIBURTON FRAC UNIT. PRESSURE TEST LINES TO 6500#. TEST WAS GOOD. SET PRV @ 5200#. FRACED FRUITLAND COAL W/ 84,556 GAL OF 45# - 35# DELTA 140 FRAC FLUID @ AV RATE OF 30.5 BPM AND AV PRESSURE OF 3700#. PLACED 4000# 40/70 AZ AND 88,400# 16/20 CARBOLITE SAND W/ MAX SAND CONCENTRATION OF 3.1 PPG. FLUID TO RECOVER IS 2378 BBL. 27% PAD W/ INITIAL FRC GRADIENT OF .94 PSI/FT. MAX PRESSURE DURING JOB WAS 4500#. RD SERVICE COMPANYS. SECURE WELL AND SDFWE.
9/20/2004 00:00	SICP= 1020#, SITP= 700#. PJSM W/ CREWS DISCUSSED DAYS EVENTS AND WAYS TO PREVENT INCIDENT. BLEED DOWN CSG. OPEN TBG TO FB TANK ON 1/2" CHOKE. WELL FLOWED FOR 5 HRS FROM 500# START TO 100#. UNLOADED 300 BBL FRAC FLUID. UN-FLANGE FRAC STACK, RELEASE PKR. RD FRAC STACK. POOH LAYING DOWN ON FLOAT W/ 102 JTS 3.5" TBG. LD PKR. CH ANGE 3.5" RAM BLOCKS FOR 2 3/8". LAND HANGER W/ 2 WAY CK. TEST PIE RAMS TO 200# LOW AND 2000# HIGH. TEST WAS GOOD. SECURE WELL SDFN.
9/21/2004 00:00	PJSM W/ CREWS . DISCUSSED DAYS EVENTS AND WAYS TO PREVENT INCIDENT. SICP= 150#. BWD. MU AND TIH W/ RETRIVING HEAD AND 100 JTS 2 3/8" TBG. BREAK CIRCULATION W/ AIR. UNLOAD HOLE. RETURNED 200 BBL FRAC FLUID. CONTINUE TO TIH W/ 16 JTS AND TAG FILL @ 3500'. BREAK CIRCULATION W/ AIR. UNLOAD HOLE. C/O FILL FROM 3500' TO 3690'. CIRCULATE CLEAN. TOTAL FLUID FOR THE DAY IS 310 BBL. POOH W/ 20 JTS 2 3/8" TBG. SECURE WELL SDFN.

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Ground Elevation (ft) 6592.00	Spud Date 1/18/1956	Rig Release Date 1/2/1956	Latitude (DMS)	Longitude (DMS)			

Start Date	Ops This Rat
9/22/2004 00:00	<p>PJSM. SICP= 650#.</p> <p>OPEN WELL AND BLEED DOWN. TIH W/ 20 JTS 2 3/8" TBG. TAGGED NO FILL. BREAK CIRCULATION W/ AIR MIST. UNLOAD HOLE. CIRCULATE CLEAN AND DRY. POOH W/ 20 JTS 2 3/8" TBG. OPEN WELL FLOWING UP CSG TO ATMOSPHERE W/ 1/2" CHOKE @ SURFACE. FLOW TEST FRUITLAND COAL FOR 4 HRS. AS FOLLOWS:</p> <p>FC PERFS. 3264'- 3521'</p> <p>2 3/8" TBG SET @ 3160' KB ( BH FLOAT IN BIT SUB-UNABLE TO FLOW UP TBG.)</p> <p>TESTED TO ATMOSPHERE W/ 1/2" CHOKE @ SURFACE. ( COEFICIENT OF 6.6 )</p> <p>SITP= N/A</p> <p>FCP= 62 #</p> <p>FC PRODUCTION= 409 MCFPD</p> <p>20 BWPD</p> <p>0 BOPD</p> <p>NO SAND.</p> <p>TEST WITNESSED BY H. FRIAS W/ KEY ENERGY SERVICES.</p> <p>TIH W/ 20 JTS TBG. BREAK CIRCULATION AND UNLOAD HOLE. PU 1 MORE JT. C/O SAND FROM 3687' TO 3707'. LATCH ONTO RBP. RELEASE AND POOH W/ 121 JTS 2 3/8" TBG. AND LD RBP. SECURE WELL SDFN.</p>
9/23/2004 00:00	<p>PJSM. SICP= 250#. BWD AND KILL W/ 10 BBL 2 % KCL. MU AND TIH W/ 2 3/8" MS EXPENDABLE CK, FN W/ 1.81" PROFILE AND 193 JTS 2 3/8" TBG. DRIFTED TBG W/ APPROVED 1.901" DRIFT. FOUND 14 JTS THAT WOULD NOT DRIFT. REPLACED W/ 14 B COND JTS. TAG FILL @ 5904'. (15' FILL IN MV.). BREAK CIRCULATION W/ AIR. UNLOAD HOLE AND C/O FILL FROM 5904' TO PBTD OF 5919'. CIRCULATE CLEAN. S/D AIR. POOH W/ 6 JTS. PUMP 5 BBL 2% KCL. DROP BALL. RU HANGER W/ FLOAT. PRESSURE UP TO 950# W/ AIR. HELD PSI FOR 10 MIN. CONTINUE TO PRESSURE UP AND PUMP OUT CK @ 1125#. LAND WELL W/ MS. FN W/ 1.81" PROFILE AND 187 JTS 2 3/8" TBG. EOT @ 5766' KB. TOP OF FN @ 5764' KB. BLOW WELL AROUND. OPEN WELL FLOWING UP TBG. TO ENSURE AIR IS PURGED AND CK IS PUMPED OUT. SWI. RD EQUIPMENT AND UNIT. TURN WELL OVER TO OPERATOR AND WFS FOR PRODUCTION. ((((( FINAL REPORT )))))</p>
9/24/2004 00:00	