

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.
NMSF078497A

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
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.		7. Unit or CA Agreement Name and No.	
2. Name of Operator CONOCOPHILLIPS COMPANY		8. Lease Name and Well No. SAN JUAN 28-7 UNIT 31	
3. Address P. O. BOX 2197, WL3 6106 HOUSTON, TX 77252		9. API Well No. 30-039-07344	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 20 T28N R7W Mer NMP At surface SESW 681FSL 2024FWL 36.64124 N Lat, 107.59819 W Lon. At top prod interval reported below At total depth		10. Field and Pool, or Exploratory SO. BLANCO PICTURED CLIFFS C2	
14. Date Spudded 06/16/1955		15. Date T.D. Reached 06/30/1955	
16. Date Completed 03/23/2004		17. Elevations (DF, KB, RT, GL)* 6001 KB	
18. Total Depth: MD 4910 TVD		19. Plug Back T.D.: MD 3769 TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)		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)	

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
13.750	9.625 H-40	25.0		160 171		125		0	
8.750	7.000 J-55	20.0		413 414		500		1840	

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	2614							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
30. BLANCO PICTURED CLIFFS	2589	2676	2589 TO 2676			OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
2589 TO 2676	FRAC'D W/60Q FOAM/25# LINEAR GEL W/180,000# 20/40 BRADY SAND; 948 BBLs. FLUID & 656,957 SCF N2.

ACCEPTED FOR RECORD

APR 09 2003

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
03/24/2004	03/22/2004	24	→	0.0	1346.0	0.0		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 200 SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
1/2		200.0	→					PGW

FARMINGTON FIELD OFFICE
BY FLORES

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. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						NMOCD

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

ELECTRONIC SUBMISSION #29106 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

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
				NACIMIENTO OJO ALAMO KIRTLAND FRUITLAND PICTURED CLIFFS	650 1685 1815 2346 2595

32. Additional remarks (include plugging procedure):

This well is a downhole commingled well producing from the Basin Fruitland Coal and South Blanco Pictured Cliffs pools. Attached are the daily summaries.

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 #29106 Verified by the BLM Well Information System.
For CONOCOPHILLIPS COMPANY, sent to the Farmington
Committed to AFMSS for processing by MATTHEW HALBERT on 04/09/2004 ()

Name (please print) YOLANDA PEREZTitle SR. REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 04/08/2004

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/UW# 300390734400	County RIO ARriba	State/Province NEW MEXICO	Surface Legal Location NMPM-28N-7W-20-N	N/S Dist. (ft) 681.0	N/S Ref. S	E/W Dist. (ft) 2024.0	E/W Ref. W
Ground Elevation (ft) 5991.00	Spud Date 6/15/1955	Rig Release Date	Latitude (DMS) 36° 38' 28.464" N	Longitude (DMS) 107° 35' 53.52" W			

Start Date	Ops This Rot
3/11/2004 07:00	Held Pre-Job Safety Meeting w/Crew and Trucking Company - Discussed planned operations for the day and the possible Hazards - Moved Rig and all equipment from San Juan 28-7 #164M to San Juan 28-7 #31 - Spotted all equipment and unloaded - Rigged up Pulling Unit and all equipment - NU BOP's and Floor - Shut Down - (Key worked on Rig from 12:00 p.m. until 4:00 p.m.)
3/12/2004 07:00	Held Pre-Job Safety Meeting w/Crew - Discussed planned operations for the day and the possible hazards - Started and warmed up all equipment - Rigged up BlueJet - Held Pre-Job Safety Meeting w/Crew and Wireline Company - Discussed Perforating Operations and possible hazards - RIH and Perforated @ 2,670'-2,676', 2,638'-2,644', 2,604'-2,616', 2,589'-2,594', 2,550'-2,553', 2,488'-2,492', and 2,471'-2,474' - (2,471'-2,474' did not fire - Repaired gun) - RIH and Perforated @ 2,471'-2,474' - POOH - Rigged down Wireline - Shut down - (Key to continue working on rig and equipment)
3/15/2004 07:00	Held Pre-Job Safety Meeting w/Crew - Discussed Planned Operations for the day and the possible Hazards - 0# on Casing - Started and warmed up all equipment - Spotted Float w/3 1/2" Tubing - (Discovered 3 1/2" Tubing had turned down collars - Ordered out Slip Type Elevators) - Picked up and RIH w/7" Baker Full Bore Packer, 2.25" "F" Nipple w/Plug installed, and 3 1/2" Frac String - Set Packer @ 2,428' - Tested Tubing to 4,000# for 15 mins. - (Good Test) - Rigged up Wireline - RIH and latched onto Plug - Equalized Plug - Released Plug and POOH - Rigged down Wireline - Shut down
3/16/2004 07:00	Held Pre-Job Safety Meeting w/Crew - Discussed Planned Operations for the day and the possible Hazards - Crew and Mechanic Worked on Rig and Pump - Rigged up Schlumberger - (Schlumberger did not have any connection to rig up to 3 1/2" Tubing - Called out WSI to bring needed connections) - Tested lines to 5,059# and set Pop-Off @ 3,686# - Broke down Formation @ 3 BPM @ 1,031# - Pumped 1,200 gals. of 10% Formic Acid @ 5 BPM @ 1,215# - Pumped Pre Pad @ 21 BPM @ 3,357# - Decreased Rate to 19 BPM @ 2,755# - Decreased Rate to 16 BPM @ 2,166# - Decreased Rate to 12 BPM @ 1,445# - Decreased Rate to 6 BPM @ 704# - ISIP = 595# - 5 mins. = 448# - 10 mins. = 420# - 15 mins. = 404# - 20 mins. = 394# - 25 mins = 374# - 30 mins. = 365# - Pumped 1,000 gals. of 10% Formic Acid @ 5 BPM @ 669# - Frac'd the PC?FC w/60 Q Foam/25# Linear Gel w/180,000# 20/40 Brady Sand - 948 bbls. of Fluid and 656,957 SCF N2 - Average Rate of 42 BPM @ 3,325# - Max. Pressure = 3,391# - Max Sand Cons. = 4PPG - ISIP = 1,420# - Frac Gradient = .67 Rigged down Schlumberger and rigged up Flow Back Line
3/17/2004 07:00	Held Pre-Job Safety Meeting w/Crew - Discussed Planned Operations for the day and the possible hazards - 300# flowing Tubing Pressure Flowing through 1/2" Positive Choke - 1,972.6 MCFD Rate - Rigged up dual Flow Back Line off of casing to Pit - Pumped 20 bbls. of 2% KCL Water down tubing to kill well - Released Packer and POOH laying down 3 1/2" Frac String - Released Packer and POOH laying down 3 1/2" Frac String - (Pulled 26 jts. and well started flowing - Pumped 20 bbls. down tubing and 60 bbls. down Casing to kill well - Well would not stay dead - Flowing out casing through 2 lines w/1/2" positive Chokes @ 470#) - Set up to let well flow to the pit over night - Shut down
3/18/2004 07:00	Held Pre-Job Safety Meeting w/Crew - Discussed planned operations for the day and the possible hazards - Pumped 20 bbls. of 6% KCL Water down Tubing and 60 bbls. of 6% KCL down Casing to kill well - (Left pump idling while pulling out of the hole - Total water used = 100 bbls.) - Cont. POOH w/Packer - Changed out Pipe Rams to 2 3/8" and changed out handling tools - (Waited on truck for 3 hrs. to move float) - Moved out float w/3 1/2" Tubing - Spotted Float w/new 2 3/8" Tubing - Spotted and rigged up Air Unit - Shut down
3/19/2004 07:00	Held Pre-Job Safety Meeting w/Crew - Discussed Planned Operations for the day and the possible Hazards - 560# on Casing - Opened well up to Blow Down Pit - Pumped 60 bbls. of 6% KCL Water down Casing to Kill Well - Picked up and tallied in the hole w/6 1/4" Bit, Bit Sub w/String Float, and new 2 3/8" J-55 4.7# Tubing - (Left Pump running in low gear while starting in the hole - 15 bbls.) - Tagged fill @ 3,828.71' - (PBTD @ 3,986' - 157' of fill) - Rigged up Air Unit - Broke circulation w/Air Unit - Cleaned out fill to PBTD @ 3,986' - Circulated Well clean - POOH and laid down 50 jts. of 2 3/8" Tubing and stood back the rest - Shut down
3/22/2004 07:00	Held Pre-Job Safety Meeting w/Crew - Discussed planned operations for the day and the possible hazards - 650# on Casing - Opened well up to Blow Down Pit - Pumped 60 bbls. of 6% KCL Water down Casing to kill well - Picked up and RIH w/Expendable Check, 1.81" "F" Profile Nipple, and new 2 3/8" J-55 4.7# 8rd. Tubing - (Drifting tubing w/1.901" Drift) - Landed EOT @ 2,448' - Rigged up Air Unit - Pumped 6 bbls. of 6% KCL Water down Tubing - Dropped Ball - Pressured up on Tubing w/Air unit and sheared Check - Unloaded Well - Flowed well back to the pit through a 1/2" Choke - (200# on Tubing - 200# on Casing - 1,346.37 MCF/Day Rate) - Schlumberger arrived on location and discovered that they did not have their sheaves - (Waited 1 1/2 hrs. for sheaves to be delivered) - Rigged up Schlumberger - RIH and ran Spinner Survey across perms. - POOH - Rigged down Schlumberger - Shut down
3/23/2004 07:00	Held Pre-Job Safety Meeting w/Crew - Discussed planned Operations for the day and the possible Hazards - 500# on Casing - 500# on Tubing - Opened well up to the Blow Down Pit - Pumped 20 bbls. of 6% KCL Water down Tubing and 40 bbls. down Casing to kill well - RIH w/5 jts. of new 2 3/8" J-55 4.7# Tubing - (Had to pump 20 bbls. of 6% KCL Water down backside to land tubing) - Landed EOT @ 2,613.72' - Rigged down Floor - ND BOP's and NU WellHead - Rigged down Pulling Unit and all Equipment - Prep to move to San Juan 28-7 #37