

Record Cleanup
NMOC

JUN 01 2018

Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT DISTRICT III

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 b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____						5. Lease Serial No. NMNM03560			
2. Name of Operator CONOCO INC						6. If Indian, Allottee or Tribe Name			
3. Address PO BOX 2197, DU 3084 HOUSTON, TX 77252-2197						7. Unit or CA Agreement Name and No.			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 29 T27N R7W Mer NMP At surface NWSE 1890FSL 2420FEL At top prod interval reported below At total depth						8. Lease Name and Well No. SAN JUAN 28-7 UNIT 99F			
14. Date Spudded 03/13/2002						15. Date T.D. Reached 03/22/2002			
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 05/02/2002						9. API Well No. 30-039-26897-00-C3			
18. Total Depth: MD 7502 TVD						19. Plug Back T.D.: MD 7414 TVD			
20. Depth Bridge Plug Set: MD TVD						10. Field and Pool, or Exploratory OTERO			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL GR CCL						11. Sec., T., R., M., or Block and Survey or Area Sec 29 T27N R7W Mer NMP			
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 type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)						12. County or Parish RIO ARriba			
13. State NM						17. Elevations (DF, KB, RT, GL)* 6649 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J-55	36.0	0	291		140		0	
8.750	7.000 J-55	20.0	0	3203		580		0	
6.250	4.500 J-55	11.0	0	7416		0		5130	
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	7318								
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) CHACRA	3842	4068	3842 TO 4068		41	OPEN			
B)									
C)									
D)									
26. Perforation Record									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval	Amount and Type of Material								
3842 TO 4068	FRAC W/800 BBLs 25# LINEAR GEL, 97,500 LBS 20/40 S								
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
10/01/2002	09/20/2002	24	→	0.0	367.0	0.0			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		250.0	→					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	
			→						

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

ELECTRONIC SUBMISSION #14819 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

4249

See attached
work details

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.)
FLARED

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
SAN JOSE	0	926		OJO ALAMO	2208
NACIMIENTO	926	2099		KIRTLAND	2327
OJO ALAMO	2099	2278		FRUITLAND	2707
				PICTURED CLIFFS	2939
				MESAVERDE	3139
				CHACRA	3836
				CLIFF HOUSE	4608
				MENEFEE	4637
				POINT LOOKOUT	5224
				MANCOS	5524
				GALLUP	6355
				GREENHORN	7151
				DAKOTA	7249

32. Additional remarks (include plugging procedure):

This well is now a downhole trimmed well in the Basin Dakota, Blanco Mesaverde and Otera Chacra. 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 #14819 Verified by the BLM Well Information System.

For CONOCO INC, sent to the Farmington

Committed to AFMSS for processing by Adrienne Garcia on 10/08/2002 (03AXG0074SE)

Name (please print) DEBORAH MARBERRY

Title SPECIALIST

Signature (Electronic Submission)

Date 10/07/2002

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

SAN JUAN 28-7 UNIT 99F

Daily Summary

Initial Completion

API	County	State/Province	Surface Legal Location	NS Dist. (ft)	NS Flag	EW Dist. (ft)	EW Flag
300392889700	RIO ARRIBA	NEW MEXICO	NMPM-27N-7W-29-J	1650.0	S	220.0	E
Ground Elev (ft)	Spud Date	Rig Release Date	Latitude (DMS)	Longitude (DMS)			
6849.00	3/13/2002	3/25/2002	38° 32' 26.7108" N	107° 36' 48.156" W			
Start	Ops This Rd						
4/10/2002	Safety mtg. Road rig from SJ 28-7 #252F to SJ 28-7 #99F. One anchor missing since last week. Wait on L&R anchor crew 2.5 hrs. Re-set anchor. RU unit. NU BOP's. Test BOP's with WoodGroup to 250/5000 psi on Blind and Pipe rams, OK. Shut down and SIWON. Jon Becksted filling in for Sam McFadden.						
4/11/2002	Safety mtg. PU 234 jts 2 3/8", 4.7#, J-85, EUE tbg. PU swivel. DO CIBP @ 7400'. LD swivel. POOH with 50 stds tbg. SIWON. Jon Becksted filling in for Sam McFadden.						
4/12/2002	Safety mtg. Baker Tool man on location. RIH with Baker Cmt Retainer on tbg to 7381'. Close pipe rams and attempt to inject water through squeeze holes @ 7402' - 7404'. With 4 1/2" csg full of water and retainer unset, attempt to pump water. Pressured up to 1500 psi before pressure leveled off at approx 2 bpm pumped for short time. Set Retainer @ 7381'. Contact BJ for Monday cement squeeze. Contact BLM- Jim Lovato and Charlie Perrin at home @ 1600 hrs to inform of squeeze. Verbal, OK. Contact after the CBL is run. SIOWE. Jon Becksted filling in for Sam McFadden.						
4/15/2002	HELD SAFETY MEETING. RU B J SERVICES. TESTED LINES TO 4000 #. HELD OK. OPENED UP WELL. SQUEEZED WELL @ 7404'. RETAINER @ 7388'. EST RATE THROUGH SQUEEZE HOLES W/ FRESH WATER @ 2 BPM @ 2390 #. PUMPED 450 SACKS OF PREMIUM LIGHT W/ 154 BBLs OF SLURRY @ 2 BPM @ 2000 #. SQUEEZE HOLES @ 7404'. DISPLACED TBG W/ 28 BBLs. STUNG OUT OF RETAINER. REVERSED OUT W/ 41 BBLs OF 2% KCL WATER. PRESSURE TESTED CSG TO 4300 #. HELD OK. RD B J SERVICES. SWION.						
4/16/2002	HELD SAFETY MEETING. POOH W/ 2 3/8" TBG. RU BLUE JET. HELD 1000 # OF PRESSURE ON 4 1/2" CSG. RAN CBL LOG FROM 7388' TO 4900'. TOP OF CEMENT @ 6130'. RAN GRV/CCL LOG FROM 7388' TO 280'. PERFORATED THE DAKOTA W/ 3 1/8" 90 DEGREE SELECT FIRE PERFORATING GUN. PERFORATED FROM 7284' - 7288' W/ 1 SPF, 7324' - 7330' W/ 1 SPF, 7363' - 7381' W/ 1 SPF. A TOTAL OF 49 HOLES. RD BLUE JET. SWION.						
4/17/2002	HELD SAFETY MEETING. RU B J SERVICES. FRAC'D THE DAKOTA. TESTED LINES TO 4800 #. SET POP OFF @ 3800 #. BROKE DOWN FORMATION @ 7 BPM @ 3300 #. PUMPED 1000 GALS 15% HCL ACID @ 10 BPM @ 1850 #. DROPPED 24 BIO BALL SEALERS @ 1 BALL PER BBL & 2 BALLS PER BBL FOR REMAINING BALL SEALERS @ 20 BPM @ 2181#. A TOTAL OF 60 BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 3800 #. SHUT DOWN FOR 1 HR. PUMPED PRE PAD @ 34 BPM @ 3730 #. STEPPED DOWN RATE TO 25 BPM @ 2752 #. STEPPED DOWN RATE TO 17 BPM @ 2017 #. STEPPED DOWN RATE TO 9 BPM @ 1485 #. ISIP 1200 #. 5 MIN 1115 #. 10 MIN 1084 #. 15 MIN 1033 #. 20 MIN 993 #. 25 MIN 981 #. 30 MIN 930 #. FRAC'D THE DAKOTA W/ SLICKWATER, 55,720 # 20/40 BRADY SAND. 2321 BBLs OF FLUID. AVG RATE 52 BPM. AVG PRESSURE 3485 #. MAX PRESSURE 3773 #. MAX SAND CONS 1 # PER GAL. ISIP 1700 #. FRAC GRADIENT .62. RD B J SERVICE. SWION.						
4/18/2002	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 700 #. RU BLUE JET. RIH W/ 4 1/2" COMPOSITE PLUG. SET PLUG @ 5550'. TESTED PLUG TO 4300 #. HELD OK. PERFORATED THE POINT LOOKOUT W/ 3 1/8" 90 DEGREE SELECT FIRE PERFORATING GUN. PERFORATED FROM 5222' - 5238' W/ 1/2 SPF, 5260' - 5280' W/ 1/2 SPF, 5351' - 5357' W/ 1/2 SPF, 5368' - 5372' W/ 1/2 SPF, 5428' - 5438' W/ SPF, 5488' - 5472' W/ 1/2 SPF. A TOTAL OF 38 HOLES. SWION. RD BLUE JET.						
4/19/2002	HELD SAFETY MEETING. RU B J SERVICES. FRAC'D THE POINT LOOKOUT. TESTED LINES TO 5000 #. SET POP-OFF @ 3870 #. BROKE DOWN WELL FORMATION @ 14 BPM @ 2780 #. DROPPED 24 BALL SEALERS @ 1 BALL PER BBL & 2 BALLS PER BBL FOR REMAINING 21 BALL SEALERS @ 20 BPM @ 1668 #. A TOTAL OF 45 BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 3700 #. RU BLUE JET. RIH W/ JUNK BASKET. RETRIEVED 44 BALL SEALERS. PUMPED PRE-PAD @ 30 BPM @ 3050 #. STEPPED DOWN RATE TO 20 BPM @ 1604 #. STEPPED DOWN RATE TO 12 BPM @ 975 #. ISIP 800 #. 6 MIN 482 #, 10 MIN 387 #, 15 MIN 335 #. 20 MIN 290 #. 25 MIN 249 #. 30 MIN 223 #. FRAC'D THE POINT LOOKOUT W/ 85 Q 25 # LINEAR FOAM, 100,980 # 20/40 BRADY SAND, 1,277,600 SCF N2, 1219 BBLs OF FLUID. AVG RATE 40 BPM. AVG PSI 2279 #. MAX PSI 2897 #. MAX SAND CONS 2 # PER GAL. ISIP 940 #. FRAC GRADIENT .55. RU BLUE JET. RIH W/ 4 1/2" COMPOSITE PLUG. SET @ 5180'. TESTED PLUG TO 4000 #. RIH W/ PERFORATING GUN. SHOT 4 SQUEEZE HOLES @ 5000'. SWI. RD B J SERVICES & BLUE JET.						
4/20/2002	HELD SAFETY MEETING. RU B J SERVICES. TESTED LINES TO 4000 #. HELD OK. OPENED UP WELL. SQUEEZED WELL @ 5000'. PKR @ 4748'. EST RATE THROUGH SQUEEZE HOLES W/ FRESH WATER @ 2 BPM @ 1300 #. STARTED CEMENT. LEAD W/ 180 SACKS OF PREMIUM LITE HS CEMENT 12.0 # W/ 68 BBLs OF SLURRY @ 3.5 BPM @ 337 #. TAIL W/ 200 SACKS PREMIUM LITE HS CEMENT 12.5 # W/ 74 BBLs OF SLURRY @ 3.5 BPM @ 1235 #. CIRCULATED 24 BBLs GOOD CEMENT TO SURFACE. SQUEEZE HOLES @ 5000'. DISPLACED TBG W/ 22 BBLs. SWION. RD B J SERVICES.						
4/22/2002	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 0 #. RELEASED 4 1/2" PKR. POOH W/ PKR & 2 3/8" TBG. INSTALLED BLOOEY LINE & DRILL AIR COMPRESSOR. RIH W/ 3 7/8" MILL ON 2 3/8" TBG. TAGGED TOC @ 4901'. 120' OF CEMENT. RU DRILL AIR. DRILLED OUT CEMENT FROM 4901 TO 4932. CIRCULATED WELL W/ DRILL AIR. SWION.						
4/23/2002	KEY RIG # 2 DOWN FOR REPAIR.						
4/24/2002	KEY RIG # 2 DOWN FOR REPAIR.						
4/25/2002	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 0 #. RIH W/ 3 7/8" MILL ON 2 3/8" TBG. TAGGED TOC @ 4932'. RU DRILL AIR. DRILLED OUT CEMENT FROM 4932' TO 5190'. CIRCULATED HOLE W/ DRILL AIR. PUH TO 5100'. SWION.						
4/28/2002	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 0 #. RIH W/ 3 7/8" MILL ON 2 3/8" TBG. RU DRILL AIR. DRILL OUT COMPOSITE PLUG OVER THE POINT LOOKOUT # 5190'. RIH TAGGED SAND @ 5500'. CLEANED OUT FROM 5500' TO 5550'. WELL MAKING 1 BBL WATER PER HR AND 2-CUPS SAND PER HR. CIRCULATED HOLE W/ DRILL AIR. PUH TO 5200'. SWION.						
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SAN JUAN 28-7 UNIT 99F

Initial Completion

Daily Summary

API 300392689700	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location NMPM-27N-7W-29-J	NS Dist. (ft) 1550.0	NS Flag S	EW Dist. (ft) 220.0	EW Flag E
Ground Elev (ft) 6649.00	Spud Date 3/13/2002	Rig Release Date 3/25/2002	Latitude (DMS) 36° 32' 26.7108" N	Longitude (DMS) 107° 35' 48.156" W			

Start	Ops This Rot
4/27/2002	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 900 #. RIH W/ 3 7/8" MILL ON 2 3/8" TBG. TAGGED @ 5550'. NO FILL. UNLOADED HOLE W/ DRILL AIR. PUH TO 5470'. TESTED THE POINT LOOKOUT THROUGH 1/2" CHOKE AND UP 2 3/8" TBG @ 5470'. WELL STABILIZED @ 90 #. TESTED WELL 4 HR AFTER WELL STABILIZED. TBG PRESSURE 90 #. CSG PRESSURE 475 #. 594 MCFPD. 1 BOPD. 2 BWPD. POINT LOOKOUT PERFS @ 5222' TO 5472'. TEST WITNESSED BY SAM McFADDEN & NOE PARRA. PUH TO 5200'. SWION.
4/29/2002	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 900 #. RIH W/ 3 7/8" MILL ON 2 3/8" TBG. TAGGED COMPOSITE PLUG @ 5550'. RU DRILL AIR. DRILLED OUT COMPOSITE PLUG OVER THE DAKOTA. RIH. TAGGED SAND @ 7326'. CLEANED OUT FROM 7326' TO 7386'. CIRCULATED HOLE W/ DRILL AIR. PUH TO 7200'. WELL MAKING 4 BBLs WATER PER HR AND 2 QUARTS SAND PER HR. SWION.
4/30/2002	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 900 #. RIH W/ 3 7/8" MILL ON 2 3/8" TBG. TAGGED FILL @ 7356'. RU DRILL AIR. CLEANED OUT FROM 7356' TO 7386'. CIRCULATED HOLE W/ DRILL AIR. WELL MAKING 3 BBLs WATER PER HR AND 1 QUART SAND PER HR. PUH TO 7200'. SWION.
5/1/2002	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 900 #. RIH W/ 3 7/8" MILL ON 2 3/8" TBG. TAGGED FILL @ 7361'. RU DRILL AIR. CLEANED OUT FROM 7361' TO 7386'. CIRCULATED HOLE W/ DRILL AIR. WELL MAKING 3 BBLs WATER PER HR AND 2 QUARTS SAND PER HR. PUH TO 7200'. SWION.
5/2/2002	HELD SAFETY MEETING. OPENED UP WELL. CSG PRESSURE 950 #. RIH W/ 3 7/8" MILL ON 2 3/8" TBG. TAGGED @ 7386'. NO FILL. PUH TO 7331'. TESTED THE DAKOTA & POINT LOOKOUT THROUGH 1/2" CHOKE AND UP 2 3/8" TBG @ 7331'. WELL STABILIZED @ 200 #. TESTED WELL 4 HRS AFTER WELL STABILIZED. TBG PRESSURE 200 #. CSG PRESSURE 450 #. 1320 MCFPD. 2 BOPD. 24 BWPD. DAKOTA PERFS @ 7264' TO 7381'. POINT LOOKOUT PERFS @ 5222' TO 5472. DAKOTA - 726 MCFPD. 1 BOPD. 22 BWPD. POINT LOOKOUT - 594 MCFPD. 1 BOPD. 2 BWPD. TEST WITNESSED BY SAM McFADDEN & NOE PARRA. LANDED 231 JTS OF 2 3/8" TBG @ 7331' W/ SEAT NIPPLE & MULE SHOE. RU SAND LINE. RIH W/ 1.901 DRIFT TO SEAT NIPPLE. POOH W/ DRIFT. SWI. FINAL REPORT