

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.
NMSF078498

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
CONOCO INC. Contact: YOLANDA PEREZ
E-Mail: yolanda.perez@usa.conoco.com

8. Lease Name and Well No.
SAN JUAN 28-7 UNIT 69

3. Address P. O. BOX 2197, DU 3084
HOUSTON, TX 77252-2197

3a. Phone No. (include Area code)
Ph: 281-293-1613

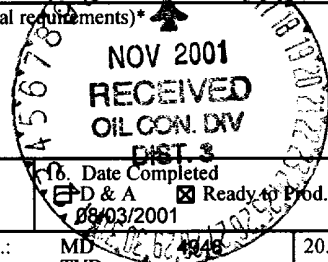
9. API Well No.
30-039-07258

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

At surface SWNE 1700FNL 1700FEL

At top prod interval reported below

At total depth



10. Field and Pool, or Exploratory
BASIN FRUITLAND COAL

11. Sec., T., R., M., or Block and Survey
or Area Sec 32 T28N R7W Mer NMP

12. County or Parish
RIO ARRIBA

13. State
NM

14. Date Spudded
02/20/1957

15. Date T.D. Reached
03/12/1957

16. Date Completed
D & A ☒ Ready to Prod.
08/03/2001

17. Elevations (DF, KB, RT, GL)*
6057 DF

18. Total Depth: MD 4964
TVD

19. Plug Back T.D.: MD
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

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
13.750	10.750	33.0		174		150		0	
9.875	7.625	26.0		4688		250		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	4922							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
BASIN FRUITLAND COAL	2398	2579	2398 TO 2579			
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
2398 TO 2579	SIMULTANEOUSLY FRAC FC/PC W/ 225,000# BRADY SAND AND 994 BBLs OF 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
08/10/2001	07/20/2001	24	→	0.0	101.0	0.0			
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
1/2"	300 SI	300.0	→					PGW	

ACCEPTED FOR RECORD

NOV 08 2001

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

BLM SOUTHWEST FIELD OFFICE

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

ELECTRONIC SUBMISSION #8544 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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NMOCD

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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
				KIRTLAND FRUITLAND PICTURED CLIFFS CLIFFHOUSE MENELEE POINT LOOKOUT MANCOS	1830 2325 2585 4253 4359 4790 4943

32. Additional remarks (include plugging procedure):

This well is now trimingled in the FC/PC/MV as per DHC #2908. Please refer to attached daily summary report for more detailed information.

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 #8544 Verified by the BLM Well Information System.
For CONOCO INC., sent to the Farmington
Committed to AFMSS for processing by Lucy Bee on 11/07/2001 ()

Name (please print) YOLANDA PEREZ

Title COORDINATOR

Signature _____ (Electronic Submission)

Date 11/06/2001

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 300390725800	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location NMPM-28N-7W-32-NE SW NE	NS Dist. (ft) 1700.0	NS Flag N	EW Dist. (ft) 1700.0	EW Flag E
KB Elev (ft) 6057.00	Ground Elev (ft) 6047.00	Plug Back Total Depth (ftKB) 4,950.0	Spud Date 2/20/1957	Rig Release Date	Latitude (DMS) 36° 37' 12.792" N	Longitude (DMS) 107° 35' 33.72" W	

Start	Ops This Rpt
6/26/2001	Csg. press. 200#, tbg. press. 190#. Blow well down, RIH with tbg. with bit an scraper to 4225'. POOH with tbg. bit an scraper. RU wireline, RIH with 7" EZ-BP an set at 4200'. POOH with setting tool. Load hole (190 bbls) RIH with CBL tool. Found top of cement at 3758'. POOH with logging tool. RIH with perf. gun. Shoot 4 perf holes at 3748'. POOH with perf gun. RD wireline unit. RU rig pump. Pump into csg., pump 60 bbls , est. circulation out braiden head. , 1BPM/500# Shut down rig pump. Secure well , change out csg. valves. SDFN
6/26/2001	Road rig to location, spot rig an equipment, rig up. Csg. press. 140#, tbg. press. 140#. Blow well down, kill tbg. 10 bbls of Kill fluid. NDWH, NUBOP. RU BOP tester, test BOP. RD tester. PU tbg. hanger an remove, RIH with tbg., tag fill, POOH with tbg., tally out. Total 4964', 87 stands. RIH with bit an scraper an 40 stands. Secure well SDFN
6/27/2001	Csg. press0#, Open well , RIH with 7" cement retainer , set at 3730'. Cement company cancel out job for today. Secure well SDFN
6/28/2001	Csg. press. 0#, RU swivel, RU cement unit. Try to est. rate out of braiden head, pump 150 bbls of water. no rate out of braiden head. Start cement. lead cement 365 sxks. 11.4#, an 100 sks. at 15.6# as tail. Rate was 3BPM at 1000#. Sting out of retainer, reverse out. POOH with 10 stands. Secure well SDFN
6/29/2001	off
6/30/2001	off
7/1/2001	Csg. press. 0#, tbg. press.0#, POOH with tbg an stinger. (50 stands). RU wireline, RIH with logging tool. Run CBL log . Found top of cement at 3550'. POOH with logging tool. PU an RIH with perf gun, shot 4 perf holes at 3450'. POOH with perf gun. RD wireline. RU rig pump, Circalated down csg. thur braiden head, at 1BPM/ 500#. Flowing to rig pit. Shut down pump. secure well SDFN
7/2/2001	Csg. press. 0#, RIH with cement retainer an tbg(108 joints), set retainer at 3406'. RU cement pump unit, pump 40 bbls of fresh water, try to est. circulation out braiden head. Rate 2.5 bbls/ 1200#. Pump 310 sxks. of cement(12.4), disp. with 13 bbls . Rate 2.5 bbls. / 1420#. press. fell down on displacement. to 800#. Shut down, stung out of retainer. RD cement unit. POOH with tbg. an setting tool. RIH with packer an one stand, test csg to 3800#, tested okay. POOH with tbg. an packer. Secure well SDFN.
7/3/2001	Holiday off.
7/4/2001	Csg. press. 0#, RU wireline unit. RIH with logging tool. Run CBL log from 3412' to 100'. Found TOC at 2560'. Not much cement from 2560 to about 2000'. Found cement to surface from there, Top of cement at bottom of surface csg. Not much cement between FC. an water zone. POOH with logging tool. RIH with perf gun. shot 4 perf holes at 2280'. POOH with perf gun. Secure well SDFN
7/5/2001	Csg press. 0#, RIH with packer, full bore an tbg. Set at 2270'. RU cement unit. Est. rate, 1/2 bbl/ 1300#. Pump 50 sxks. of cement. Displace with 13 bbls. Press. up to 1640#. Shut down. RD cement unit, Shut well in with 1200#. Wait on cement for 4 hours, Release press. POOH with tbg. an packer. Put 500# on csg. Shut in. Secure well SDFN
7/6/2001	Day off
7/7/2001	Day off.
7/8/2001	Csg press. 0#, RIH with 6 3/4" drill bit, an tbg tag cement at 2369'. RU [power swivel, drill out cement to 2379'. Fell thur. Trip in four more stands. Press. test csg to 500#. Tested okay. RIH with tbg tag up on retainer at 3406'. Circalate hole with 100Bbls of clean Fluids. POOH with tbg. an drill bit. Secure well SDFN
7/9/2001	Csg. press. 0#, RU wireline unit, RIH with select fire perf. gun. Perf as followed:2650', 2648', 2646', 2644', 2642', 2612', 2610', 2608', 2606', 2604', 2602', 2600', 2598', 2596', 2594', 15 holes at 1/2 SPF. POOH with select fire perf gun. RIH with cased gun, Perf as followed: 2572'-2579', 8 shots. 2480',-2484', 5 shots. 2456',-2459', 4 shots. 2398',-2401', 4 shots. 21 shots, 1 SPF. POOH with casing gun. RD wireline. RU frac valve. Secure well SDFN.
7/10/2001	Csg. press10#. Blow well down, RU isolation tool, RU frac unit. RU ball launcher with 44 ball sealers,(1.3sg. RCN) Test lines to 3500#. Set relief valve at 2400# , pop of three times. No leaks on line. Began pump in, hole loaded. Break point at 1930#. Start balls, rate up to 11 bbls per. min. Drop one ball per barrel ,first 22 barrels, an two ball for remaining 22 barrels. Brought rate up to 13 bbls. Press. up to 2480#. Great ball action. Didnot get complete ball off, Press back up on , 2480#. Shut down, Used 150Bbls. of fluid. RD frac unit, RD isolation tool. RU wire line unit, RIH with junk basket, recovered only 22 ball sealer, 12 hits. RD wireline unit. RD ball gun. RU isolation tool. RU frac unit. Blender down , hydraulic hose broke. Repair in field. Start back up. Press. test line to 3500#, no leaks. Start pump in test. Hole loaded, brought rate up to 33bbls, per min. at 1931#, 33BPM/1930, 27.6BPM/1671#, 17.6BPM/1280#, 8.6BPM/ 1000#. Pump 201 bbls on step test. Shut down 526#, 30 mins. 420# . Blender down , hydraulic hose broke, attemp to fix, could not. Blender to town for repairs, will frac in AM. Secure well SDFN.

Daily Summary

API	County	State/Province	Surface Legal Location	NS Dist. (ft)	NS Flag	EW Dist. (ft)	EW Flag
300390725800	RIO ARRIBA	NEW MEXICO	NMPM-28N-7W-32-NE SW NE	1700.0	N	1700.0	E
KB Elev (ft)	Ground Elev (ft)	Plug Back Total Depth (ftKB)	Spud Date	Rig Release Date	Latitude (DMS)	Longitude (DMS)	
6057.00	6047.00	4,950.0	2/20/1957		36° 37' 12.792" N	107° 35' 33.72" W	

Start	Ops This Rpt
7/11/2001	RU blender, Press. test line to 3500#, no leaks. Set pop off at 2400#, test three times. ST Pad, 18.3 BPM / 1954#, DH rate was 55BPM. Press up to 2300#, Reduce N2 rate to 50Bbls. Press. at 2250#/14.6 bbls. 150bbls pad. Start with .5 sand, Press. at 2243#/16.4BPM, 67.6% foam Q. rate 49BPM. 143 bbls stage. 1# sand, 2180#/ 17.1BPM, 70.8 Foam Q. , rate 49.2 BPM. , increase rate , press up 2191# / 19.0BPM, 70.5 faom Q, rate 57.1 BPM. , press up 2329#, 40 BBL stage. sand con. 6.1, 3# sand stage, 2276#/22.9 BPM, 71.2 foam Q. rate 58.3BPM, Press. up 2411#, back off rate, press. 2254#/20.0BPM, 73.8 foam Q, rate 55.1BPM. press. down 2040#/20.4BPM, 74 foam Q, rate 55BPM. 9.3 sand con. , 5# sand , 2049#/22.4BPM, 76 foam Q, rate 50BPM, Press. down 1830#, 217 bbls into stage, increase N2 rate, to 55BPM, press. 1881/24.4 BPM, 68Foam Q, 14.12 sand con. 280bbls stage. Start flush ,4PPA on WHD. Flush press. 1811#/25.2 Foam Q 56% , rate 58BPN, shut down eazy, Shut down, 51 bbls on stage. ISDP 1550#. shut down. 1268#. in 5-1171#, 10-1158#,15-1146# RD frac, unit , Tag frac with 3-isooopes . RD isolation tool . Secure well . Move off frac unit , start riggup flow back equipment.
7/12/2001	RU blewly lines , dig pit, RU, meter run. Secure well SDFN
7/13/2001	WO L&R. RU gas compressors and blooie line and flowline. SION
7/14/2001	Safety mtg. Flowback frac. Daylight crew Keys, Nighttime crew L&R.
7/15/2001	Safety mtg. Flowback frac. Daylights- Keys crew, Night time- L&R crew. Si from 0800 hrs monday 7/16 till Tuesday 7/17.
7/17/2001	Safety mtg. SICP- 980 psi. Flow back on 1/4" choke. Still getting medium sand in returns in late afternoon. Re-scheduled Protechnics logging for 7/20 AM. SION.
7/18/2001	Safety mtg. SICP - 8100 psi. Bled down well to 80 psi. Killed tbq w/ 40 bbls KCL water. TIH. Tagged fill @ 3035'. CO to 3225'. POH to above perfs. SION.
7/19/2001	Csg. press. 700#. tbq. press. 560#. Blew well down. RIH with tbq. tag fill at 3225'. Start clean out, Clean out to CIBP at 3406'. Circalate clean. PU tbq . to 2183'. Rig up to flow up tbq. an start flow test.Will drywatch tonight.
7/20/2001	Csg.press. 300#, tbq. press. 300#, Well flowed all night. TEST FOR C-104 Flow rate 441 MCF, 0 bbls. oil, 0 bbls. water. Well flowed thur. 1/4" choke . tbq. press. 300#, csg. press. 300#. End of tbq. at 2183'.Witness by Gilbert Bennett, Key Energy. Gas will be allocated 75% to PC. an 25% to FC. Well will be DHC with MV. Gas sales will be to EL Paso. Date of test 7-20-01. Blow well down, RIH with tbq. tag fill at 3376'. Pull 10 stands. RU wireline unit, RIh with logging tool. Run spinner log. POOH with wireline, Secure well SDFN.
7/21/2001	Day off
7/22/2001	Day off
7/23/2001	Csg . press. 690#. RU 1/2" choke on flow line, flow well. RIH with 8 stands. RU wireline, Flow well 4 hours. RIH with spinner logging tool. Log well. POOH with logging tool. RD wireline. RIH with mill, drill collars, aan tbq. Tag fill at 3441'. PU 3 stands. Secure well SDFN
7/24/2001	Csg press. 590#, tbq. press. 360#. Blow well down, RIH with tbq. tag fill. Tag shows 32' of fill over plug. Swivel up. comp. up, Est. circulation, Clean out fill to plug. Tag up on retainer , start milling on it. Mill on plug for 5 hours, motor on swivel develop a oil leak. Circalate hole, clean, Lay down swivel, motor out. POOH with 10 stands. Shut down. secure well SDFN. will replace motor in AM.
7/25/2001	Csg. press. 580#, tbq. press. 340#, Replace motor on swivel. Blow well down, RIH with tbq. tag up on retainer, RU power swivel. , est. circaltion. Start milling on retainer. Made soap sweeps. , Mill on retainer, made about 2 1/2' , mill stop working. RD power swivel , POOH with 10 stands. Secure well SDFN
7/26/2001	Csg. press. 560#, tbq. press. 320#,Blow well down. RIH with tbq. tag up. Swivel up, start milling. Mill stop working, made soaps sweeps. Swivel down. POOH with tbq. an mill. Change out mill , RIH with mill , drill collars, an tbq. tag up at 3728'. Swivel up, Unload well, Start mill on retainer. Mill about 1' of retainer. PU tbq. made soap sweeps. Swivel down, POOH with 5 stands. SDFN.
7/26/2001	Csg. press. 560#, tbq.press. 320#, Blow well down, POOH with tbq., drill collars an mill. Change out mill, RIH with mill , drill collars, an tbq. Tag up on retainer. Drill out retainer an 40' of hard cement. Pump soap sweeps. Swivel down, RIH with tbq. tag up on 2nd. retainer at 3728'. Swivel up. est. circulation, start milling on retainer. Mill about 1' of retainer, made soaps sweeps. RD swivel, POOH with 5 stands. Secure well SDFN
7/28/2001	Csg press. 540#, Tbg. press. 340#. , Blow well down. RIH with tbq. tag up on retainer, Swivel up, unload well. Start milling on retainer. Mill about 6 inches, tbq twisted off. Made saop sweep, Swivel down, POOH with tbq. Tbg. twisted off on joint above drill collars. RIH with overshot, an tbq. tag up on fish ,latch on. POOH with tbq an fish. Secure well SDFN
7/29/2001	Day off
7/30/2001	Day off
7/31/2001	Csg. press. 590#, Blow well down, RIH with mill, drill colars, an tbq. Tag up on retainer at 3728'. Swivel up, unload well, Start milling . Mill out retainer, drill out 15' of cement. Made soap sweep, swivel down, POOH with 5 stands of tbq. Secure well SDFN.
7/31/2001	Csg. press. 490#, Tbg. press. 400#, Blow well down , RIH with tbq. tag up, Swivel up. Unload well Start milling on cement. Drill out 6' of cement an fell thur. , made soap sweep. Swivel down., POOH with tbq. an mill . RIH with packer to 3406'. Set packer an test csg to 500# tested okay. Blow press. off, release packer, POOH with tbq. an packer. RIH with tbq , tag up on CIBP at 4205'. Swivel up, unload well Start milling on plug. Drill out about 2' of plug, PU tbq. made soap sweep, Swivel down, POOH with 5 stands. Secure well SDFN

Daily Summary

API	300390725800	County	RIO ARRIBA	State/Province	NEW MEXICO	Surface Legal Location	NMPM-28N-7W-32-NE SW NE	NS Dist. (ft)	1700.0	NS Flag	N	EW Dist. (ft)	1700.0	EW Flag	E
KB Elev (ft)	6057.00	Ground Elev (ft)	6047.00	Plug Back Total Depth (ftKB)	4,950.0	Spud Date	2/20/1957	Rig Release Date		Latitude (DMS)	36° 37' 12.792" N	Longitude (DMS)	107° 35' 33.72" W		

Start	Ops This Rpt
8/1/2001	Csg. press. 470#, tbg.press. 310#, Blow well down, RIH with tbg. Tag up on plug. Swivel up, unload well. Start milling on plug. Drill up plug, made soap sweeps, Swivel down, RIH with tbg, chase plug to liner top. 4592'. Swivel up, unload well , Start milling on plug, Mill up plug , made soap sweep, SWivel down. POOH with tbg, drill collars an mill. RIH with mill for 5.5 csg. , drill collars an tbg. ,tag up at 4592'. POOH with 5 stands, secure well SDFN
8/2/2001	Csg. press. 470# tbg. press. 320#, Blow well down, RIH with tbg. tag up , swivel up. Unload well. Start drill on CIBP. Drill out plug, Make soap sweeps. Swivel down, RIH with tbg. Tag up at 4948'. POOH with tbg. lay down collars an mill. RIH with mule shoe collar, seat nipple, an tbg. land well at 4922'. Drift tbg. going into hole. Rig down floor, NDWH, NUWH. Secure well SDFN
8/3/2001	Csg press. 300# tbg. press. 0#, RU comp. , charge up backside. well start flowing up tbg.. Unload well for 3 hours. Shut well in. Rig down equipment an rig. MOVE OFF. FINAL REPORT.