

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.
NMSF 078640

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 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 _____		7. Unit or CA Agreement Name and No.	
2. Name of Operator CONOCO INC.		8. Lease Name and Well No. SAN JUAN 28-7 UNIT 154E	
3. Address P.O. BOX 2197 DU 3066 HOUSTON, TX 77252		9. API Well No. 30-039-26700	
4. Location of Well (Report location clearly and in accordance with Federal requirements) At surface SESE 790FSL 1180FEL At top prod interval reported below At total depth		10. Field and Pool, or Exploratory BASIN DAKOTA	
14. Date Spudded 08/12/2001		15. Date T.D. Reached 09/05/2001	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/04/2001		17. Elevations (DF, KB, RT, GL)* 6595 GL	
18. Total Depth: MD TVD 7584		19. Plug Back T.D.: MD TVD 7497	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) TDT, CBL		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)	

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
12.250	9.625 J-55	36.0		295		139		0	
8.750	7.000 J-55	20.0		3526		600		0	
6.250	4.500 J-55	11.0		7584		187		2310	

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	7432							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BASIN DAKOTA	7330	7483	7330 TO 7483		136	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7330 TO 7483	FRAC W/99.620# 20/40 SAND & 103.312 GALS. SLICKWATER

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
10/04/2001	10/04/2001	24	→	1.0	1254.0	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	190	480.0	→					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	
			→						

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

ELECTRONIC SUBMISSION #8587 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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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
OJO ALAMO	2249	4345		OJO ALAMO KIRTLAND FRUITLAND FM PICTURE CLIFFS LEWIS CHACRA CLIFFHOUSE MENEFE POINT LOOKOUT MANCOS GALLUP DAKOTA	2249 2343 2781 3011 3411 3929 4694 4713 5279 5629 6522 7215

32. Additional remarks (include plugging procedure):

This well is a single Basin Dakota producer. 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 #8587 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) DEBORAH MARBERRY

Title SUBMITTING CONTACT

Signature (Electronic Submission)

Date 11/07/2001

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 300392670000	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location NMPM-27N-7W-17-P	NS Dist. (ft) 790.0	NS Flag S	EW Dist. (ft) 1180.0	EW Flag E
KB Elev (ft) 6608.00	Ground Elev (ft) 6595.00	Plug Back Total Depth (ftKB) 7,584.0	Spud Date 8/12/2001	Rig Release Date 9/5/2001	Latitude (DMS) 36° 34' 3.864" N	Longitude (DMS) 107° 35' 34.7784" W	

Start	Ops This Rpt
9/11/2001	Held safety mtg. RU Schlumberger electric line truck. PU TDT tools and RIH and tag @ 4508'. Called engineering and was notified that this well had a stage collar that needed to be drilled out. Released crews. Secure well and SDFN.
9/12/2001	Held safety mtg. SICIP=0#. Spot and RU unit and equipment. ND frac valve. NU BOP. RU safety equipment. Secure well and SDFN.
9/13/2001	Held safety mtg. SICIP=0#. Open well up. PU knight 3 7/8" rock bit and 2' bit sub and TIH picking up w/145 jts 2 3/8" tbg. Tagged cement @ 4558'. wireline tagged @ 4508'. RU swivel and drill to 4568' and find stage collar. Drill stage collar and circulate clean. Pressure test to 2000#. Test was good. TIH w/ 91 jts of tbg. and tag @ 7427'. POOH w/ 4 jts and SD. Secure well and SDFN.
9/14/2001	Held safety mtg. SICIP=0. Open well up. TIH w/4 jts. tbg. & drill to 7242'. returns showing cast iron. Circulated bottoms up and tested csg to 2000#. Test was good. We suspect this is the float collar. Notify engineering and it was decided to drill to 7500'. Drillers report shows 83 ft between float collar and float shoe. Drilled FC and 35' of cement below collar and hit some thing hard @ 7479' tbg. measurement. Cecked returns and they showed cast iron for the second time. Circulated bottoms up & tested csg. to 4000#. Test was good. Notified engineering that this could be the shoe. It was decided to stop drilling. and would drop some of the lower dakota perms if this well isnt deep enough. POOH w/ 238 jts tbg., bit , bit sub and LD on float. Load casing w/ KCL. Secure well and SDFN.
9/15/2001	Held safety mtg. ND , BOP , NU frac valve. RD unit and equipment. MO location. We will run TDT/CBL on 9/18/2001.
9/18/2001	Held safety mtg. RU schlumberger wireline and mast truck. PU CBL logging tools and RIH and tag @ 7497'. RU stinger pressure pump and load csg. Put 1000# on csg. Run CBL w/GR/CCL/VDL from 7497' to 2100' . TOC @ 2380' and falls completely out of cement @ 2312'. POOH w/ wireline. Pressure test csg. to 4300#. Bleed down. PU TDT logging tools. RIH and tag @ 7497' . Run TDT w/ GR/CCL from 7497' to 1900'. POOH and RD services companys. Secure well and SDFN.
9/24/2001	Held safety mtg. SICIP=0#. RU Blue jet wireline and mast truck. PU 3 1/8" csd. hole guns w/ 12g 306t 90° pp charges and RIH and perforate DK sands as follows: 7330'-7350', 7405'-7426', 7440'-7460', 7476'-7483'. All shots are 2spf for a tot of 136 .34" holes. RD wireline. RU Stinger isolation tool. RU Bj Services frac unit. Pressure test lines to 4900#. Set pop-off @ 3820#. Start on KCL . formation broke @ 2150#. Pumped into @ 30 bpm & 3200#. Start 1000 gal 15% HCL w/ additives. Pumped @ 10 bpm & 1100#. Start 200 bbl KCL step test @ 30 bpm & 3200#. Step to 22 bpm & 2590#. Step to 14 bpm & 1760#. ISDP=1110# FG=.58 psi/ft. . Start slick water pre-pad @ 50.5 bpm & 2589#. w/ .25 ppg 100 mesh sand. Start pad @ 50.5 bpm & 2665#. Start .5# sand @ 50.5 bpm & 2690#. Start 1# 50 bpm & 2773#. Start 1.5# @ 50 bpm & 2850#. Flushed 13 bbl shy of 113. due to high pressures. Densimeter reading 42% off. Tot. sand = 4600# 100 mesh & 99,620# 20/40 brady. AV rate =50 bpm , AV psi = 2700#. ISDP=2600#. RD service companys. Secure well and SDFN.
9/28/2001	Held safety mtg. SICIP= 0 psi. Spot equipment and rig. RU unit and equipment. ND frac valve and master valve. NU BOP and blooie line. Inspect pipe rams and are in bad shape. Call for new rams. Installed new rams and tested. pipe rams would not test. Called for new BOP from knight oil tools. Re- occuring problems w/ blind and pipe rams make us believe there are problems w/ BOP. Secure well and SDFN.
10/1/2001	Held safety mtg. RD master valve. RU Knight oil tools 5K BOP. Ru Quadco and test BOP. Test was good. TIH picking up w/ MS,SN and 176 jts 2 3/8" tbg. to 5600'. Unload well and circulate clean. Secure well and SDFN.
10/2/2001	Held safety mtg. SICIP=700#. Bleed csg. down and kill tbg. Blow well around. TIH w/ 60 jts tbg. and tag fill @ 7452'. Clean out w/ 2 jts to PBTD of 7497'. Circulate clean and TOOH w/ 7 jts. Secure well and SDFN.
10/3/2001	Held safety mtg. SICIP= 950#. Bleed csg. down and kill tbg. TIH w/ 7 jts and tag fill @ 7483'. Clean out to PBTD of 7497'. And circulate fluid and light sand the rest of day. TOOH w/ 7 jts. Secure well and SDFN.
10/4/2001	Held safety mtg. SICIP= 900#. Bleed csg. down and kill tbg. TIH w/ 7 jts and tag no fill. POOH w/ 3 jts. and LD. Get flowing up tbg. and test DK perms. TEST IS AS FOLLOWS: DK PERFS TESTED= 7330'-7483' TBG. SET @ 7403' TESTED ON 1/2" CHOKE W/ 6.6 COEFFICIENT SICIP=480# FLOWING TBG. PSI= 190# PRODUCTION= 1254 MCFPD 5 BWPD 1 BOPD 0 SAND 0 CONDENSATE TEST WITNESSED BY T.MONK W/ KEY ENERGY SERVICES. Land tbg. @ 7432' w/kb. ND BOP. NU well head. RD equipment and unit. Turn over to operator and EPNG for sales. FACILITIES ARE NOT BUILT ON THIS LOCATION BUT ARE SCHEDULED TO START ON OCT. 8th. FINAL RIG REPORT.