

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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 Other		5. Lease Serial No. NMSF 078498							
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. Resvt. 9: 115		6. If Indian, Allottee or Tribe Name							
Other _____		7. Unit or CA Agreement Name and no. NMMNM 78413C							
2. Name of Operator CONOCOPHILLIPS CO.		8. Lease Name and Well No. SAN JUAN 28-7 UNIT 193F							
3. Address P.O. BOX 2197 WL3 6108 HOUSTON TX 77252		9. API Well No. 30-039-27048							
3.a Phone No. (Include area code) (832)486-2326		10. Field and Pool, or Exploratory BASIN DAKOTA							
4. Location of Well (Report location clearly and in accordance with Federal requirements) At Surface SWNW 2510' FNL & 10' FWL At top prod. interval reported below At total depth		11. Sec., T., R., M., on Block and Survey or Area Sec. 28 28N 7W							
14. Date Spudded 07/07/2003		15. Date T.D. Reached 07/12/2003							
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 09/15/2003		17. Elevations (DF, RKB, RT, GL)* 6224 GL							
18. Total Depth: MD 7312 TVD 7312		19. Plug Back T.D.: MD 7304 TVD 7304							
20. Depth Bridge Plug Set: MD TVD		21. Type of Electric & Other Mechanical Logs Run (Submit copy of each) TDT, GR/CCL, 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 copy)									
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
12.25	9.625	32.3	0	235		150 50/50 Poz		0	
8.75	7	20	0	3122		450 50/50 Poz		0	
6.25	4.5	10.5	0	7307		460 50/50 Poz		1925	
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	7069								
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) BASIN DAKOTA	7074	7264	7074 - 7264	.34	54	OPEN			
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval	Amount and Type of Material								
7074 - 7264	FRAC W/SLICKWATER @ 1.15G/MG FR, 50,000# 20/40 SAND & 3122 BBLs 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
09/19/03	09/12/03	24	→	1	2376	10			FLOWING
Choice Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
1/2	SI 360	640	→					PRODUCING	
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		→						

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

NMOCD

ACCEPTED FOR RECORD

OCT 21 2003

FARMINGTON FIELD OFFICE
BY *SK*

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 or 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
				NACIAMENTO	709
				OJO ALAMO	1967
				KIRTLAND	2060
				FRUITLAND	2511
				PICTURED CLIFFS	2814
				CHACRA	3760
				CLIFFHOUSE	4448
				MENEFEE	4586
				POINT LOOKOUT	5016
				GALLUP	6282
				LOWER CUBERO	7221

32. Additional remarks (include plugging procedure):

This is a downhole commingled well producing in the Basin Dakota and Blanco Mesavderde. Attached are the daily summaries and the current wellbore schematic.

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geological 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)*

Name (please print) DEBORAH MARBERRYTitle REGULATORY ANALYST

Signature

Date 10/06/2003

Title 18 U.S.C. Section 101 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 and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Daily Summary

API/UWI 300392704800	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location NMPM-28N-07W-28-E	N/S Dist. (ft) 2510.0	N/S Ref. N	E/W Dist. (ft) 10.0	E/W Ref. W
Ground Elevation (ft) 6224.00	Spud Date 7/7/2003	Rig Release Date 7/12/2003	Latitude (DMS) 36° 37' 48" N	Longitude (DMS) 107° 35' 0" W			

Start Date	Ops This Rpt
7/16/2003 00:00	HELD SAFETY MEETING. RU SCHLUMBERGER. PRESSURED UP ON 4 1/2" CSG TO 2000 #. RAN CBL LOG FROM 7292' TO 1750'. TOP OF CEMENT @ 1925'. RAN TDI LOG FROM 7292 TO 2200'. RAN GR/CCL LOG FROM 7292' TO SURFACE. PRESSURED TESTED 4 1/2" CSG TO 4300 #. HELD OK. RD SCHLUMBERGER.
7/27/2003 00:00	HELD SAFETY MEETING. RU BLUE JET. PERFORATED THE DAKOTA. RIH W/ 3 1/8" 120 DEGREE PP SELECT FIRE PERFORATING GUN. PERFORATED FROM 7074' - 7122' W/ 1/2 SPF, 7200' - 7214' W/ 1 SPF, 7236' - 7240' W/ 1 SPF, 7256' - 7264' W/ 1 SPF. A TOTAL OF 54 HOLES @ 0.34 DIA. SWION. RD BLUE JET.
7/29/2003 00:00	HELD SAFETY MEETING. RU SCHLUMBERGER. FRAC'D THE DAKOTA. TESTED LINES TO 5485 #. SET POP OFF @ 3968 #. BROKE DOWN FORMATION @ 3 BPM @ 1766 #. DROPPED 30 BALL SEALERS IN 1250 GALS 15% HCL ACID @ 1 BALL PER BBL AND 2 BALLS PER BBL FOR THE REMAINING 14 BALL SEALERS @ 13 BPM @ 1889 #. A TOTAL OF 44 BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 2766 #. RU BLUE JET. RIH W/ JUNK BASKET RETRIEVED 44 BALL SEALERS. PUMPED PRE PAD @ 40 BPM @ 2511 #. SDRT 35 BPM @ 2406 #. SDRT 30 BPM @ 2244 #. SDRT 21 BPM @ 2026 #. ISIP 1700 #. 5 MIN 1561 #. 10 MIN 1465 #. 15 MIN 1381 #. 20 MIN 1305 #. 25 MIN 1236 #. 30 MIN 1188 #. FRAC'D THE DAKOTA W/ SLICKWATER @ 1.15g/mg FR, 50,000 # 20/40 SUPER LC SAND & 3122 BBLs FLUID. AVG RATE 60 BPM. AVG PSI 3321 #. MAX PSI 3441 #. MAX SAND CONS .70 # PER GAL. ISIP 2050 #. FRAC GRADIENT .67. RIH W/ 4 1/2" COMPOSITE PLUG. SET PLUG @ 5200'. TESTED PLUG TO 4300 #. HELD OK. PERFORATED THE CH & PL. RIH W/ 3 1/8" 120 DEGREE SELECT FIRE PERFORATING GUN. PERFORATED FROM 4495' - 4501' W/ 1/2 SPF, 4531' - 4539' W/ 1/2 SPF, 4560' - 4572' W/ 1/2 SPF, 5020' - 5032' W/ 1/2 SPF, 5046' - 5062' W/ 1/2 SPF, 5092' - 5098' W/ 1/2 SPF. A TOTAL OF 36 HOLES. FRAC'D THE CH & PL. TESTED LINES TO 5404 #. SET POP OFF @ 3895 #. BROKE DOWN FORMATION @ 3 BPM @ 2260 #. DROPPED 30 BALL IN 1250 GAL OF 15% HCL ACID @ 1 BALL PER BBL @ 15 BPM @ 362. GOOD BALL ACTION. BALLED OFF @ 1165. RIH W/ JUNK BASKET AND RETRIEVED 30 BALL. PUMPED PRE PAD @ 40 BPM @ 742 #. SDRT 33 BPM @ 510. SDRT 23 BPM @ 198 #. ISIP 0 #. 5 MIN 0 #. FRAC'D THE CH & PL W/ 65 Q SLICK WATER FOAM W/ 1 G/MG FR, 200,000 # OF 20/40 BRADY SAND AND TREATED THE LAST 15% OF TOTAL PROPPANT VOLUME WITH PROPNET FOR PROPPANT FLOWBACK CONTROL, 2,131,100 SCF N2 & 2273 BBLs FLUID. AVG RAT 60 BPM. AVG PSI 2765 #. MAX PSI 2829 #. MAX SAND CONS 1.50 # PER GAL. ISIP 1789 #. FRAC GRADIENT .44. SWI. RD SCHLUMBERGER.
9/4/2003 00:00	HELD PRE JOB SAFETY MTG. W/ KEY & DAWN TRUCKING. LOAD EQUIPMENT. ROAD UNIT AND EQUIPMENT FROM SJ 28-7# 259F TO SJ 28-7# 193F. HELD PRE-RU SM. SPOT UNIT AND EQUIPMENT. RU PUMP, PIT AND UNIT. LAY BLOW DOWN LINES. RU GAS COMPRESSORS, SURGE SEPERATOR, AND METER RUN. CHECK PRESSURE. SICP= 650# RD FRAC Y AND UPPER FRAC VALVE. OPEN UP AND BLEED CSG DOWN TO PIT. PUMP 60 BBL KCL AND KILL. RU TBG. HANGER W/ BULL PLUG. ND FRAC VALVE. RU BOPE. SECURE WELL AND SDFN.
9/5/2003 00:00	HELD SAFETY MTG. SICP=600#. PRE-START UP ON COMPRESSORS. ELPASO HUNG CHART. RU 2 7/8" FLOW LINES. RU WOOD GROUP TEST UNIT. TEST BOPE TO 250# LOW AND 3000# HIGH. (BLINDS & PIPE RAMS). TEST WAS GOOD. WITNESSED BY T. MONK W/ KEY ENERGY SERVICES. ND WOOD GROUP AND RELEASE. BLEED CSG. DOWN AND KILL W/ 30 BBL KCL. MU AND TIH W/ NOTCHED COLLAR AND 94 JTS 2 3/8 PICKING UP FROM FLOAT. BREAK CIRCULATION W/ GAS. UNLOAD WELL. CIRCULATE FOR 1 HR. CONTINUE TO TIH PICKING UP W/ 70 JTS 2 3/8 TBG. TAG FILL @ 5090'. BREAK CIRCULATION W/ GAS AND UNLOAD WELL. POOH W/ 24 JTS 2 3/8" TBG. SECURE WELL AND SDFN.
9/8/2003 00:00	HELD SAFETY MTG. SICP=640#. BLEED CSG DOWN. TIH W/ 24 JTS 2 3/8" TBG. TAG FILL @ 5100'. BREAK CIRCULATION W/ GAS. UNLOAD WELL. C/O W/ 3 JTS TO CBP @ 5200'. CIRCULATE CLEAN FOR 2 HRS. PUH TO 4808'. GET WELL FLOWING UP TBG ON 1/2" CHOKE AND TEST MV FORMATION FOR 6 HRS AS FOLLOWS: MV PERFS- 4495'- 5098' 2 3/8" TBG. SET @ 4808'. (OPEN ENDED) TESTED ON 1/2" CHOKE (COEFICIENT OF 6.6) TESTED FOR 6 HRS- (STABILIZED IN 4 HRS) FTP= 280# SICP= 480# MV PRODUCTION= 1848 MCFPD 20 BOPD 10 BWPD 1 BCPD O SAND TEST WITNESSED BY W. SHENEFIELD W/ MVCI AND T. MONK W/ KEY ENERGY SERVICES. POOH W/ 24 JTS STANDING BACK. SECURE WELL AND SDFN.
9/9/2003 00:00	HELD SAFETY MTG. SICP= 610#. BLEED CSG. DOWN. TIH W/ 22 JTS AND TAG FILL @ 5139'. BREAK CIRCULATION W/ GAS. UNLOAD HOLE AND C/O FILL FROM 5139' TO CBP @ 5200' W/ 2 JTS. CIRCULATE CLEAN. S/D FOR 3 HRS DUE TO LIGHTNING. PU SWIVEL AND DRILL TOP OFF PLUG. CIRCULATING PRESSURE FROM 500# TO 725#. PUH OFF OF PLUG AND LET EQUILIZE FOR 30 MIN. RIH AND DRILL REMAINDER OF PLUG. CIRCULATE CLEAN. PU 1 JT. AND RIH. PLUG IS FREE. POOH W/ 28 JTS 2 3/8". SECURE WELL AND SDFN.

Daily Summary

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Ground Elevation (ft) 6224.00	Spud Date 7/7/2003	Rig Release Date 7/12/2003	Latitude (DMS) 36° 37' 48" N	Longitude (DMS) 107° 35' 0" W			

Start Date	Ops This Rpt
9/10/2003 00:00	HELD SAFETY MTG. SICP=750# BLEED CSG DOWN. TIH W/ 94 JTS 2 3/8" TBG. TAG FILL @ 7221'. BREAK CIRCULATION W/ GAS. START TO UNLOAD WELL. COMPRESSORS WENT DOWN ON LOW OIL PRESSURE AFTER 20 MIN RUN TIME. POOH W/ 10 JTS TBG. VERY CLOSE TO GETTING STUCK. CALLED FOR MECHANIC @ 9:30 AM. ON LOC @ 10:45 AM. COMPRESSORS DOWN TILL 13:30 PM. TIH W/ 12 JTS TBG. TAG FILL UNLOAD AND C/O FRAC SAND FROM 7221' TO PBTD OF 7304'. CIRCULATE CLEAN. MAKING LIGHT SAND. POOH W/ 12 JTS TBG. SECURE WELL AND SDFN.
9/11/2003 00:00	HELD SAFETY MTG. SICP=750#. BLEED CSG DOWN. TIH W/12 JTS 2 3/8" TBG. TAG FILL @ 7294'. BREAK CIRCULATION W/ GAS. UNLOAD WELL AND C/O FILL TO PBTD OF 7304'. CIRCULATE CLEAN REMAINDER OF DAY RUNNING 10 BBL FOAM SWEEPS EVERY HOUR. NO SAND OBSERVED BY 16:30. POOH W/ 12 JTS. SECURE WELL AND SDFN.
9/12/2003 00:00	HELD SAFETY MTG. SICP= 750#. BLEED CSG. DOWN. TIH W/ 12 JTS 2 3/8" TBG. TAG NO FILL. TOO H W/ 200 JTS 2 3/8" TBG. KILL WELL W/ 40 BBL. POOH W/ 36 JTS 2 3/8" TBG. AND LD MILL. MU AND TIH W/ BAKER 4.5" RETRIVOMATIC PKR , TBG VALVE AND 224 JTS 2 3/8" . SET PKR @ 6946'. OPEN TBG. VALVE. OPEN BY-PASS. BREAK CIRCULATION W/ GAS AND UNLOAD HOLE FOR 1 HR. SHUT BY-PASS. SI CSG. GET WELL FLOWING UP TBG ON 1/2" CHOKE, AND TEST DAKOTA FORMATION AS FOLLOWS: DAKOTA PERFS- 7074'- 7264' 2 3/8" TBG W/ PKR SET @ 6946'. KB TESTED ON 1/2" CHOKE (COEFICIENT OF 6.6) FLOW TEST FOR 4 HRS. FTP= 360# SICP= 640# DK PRODUCTION= 2376 MCFPD 10 BWPD 1 BOPD NO SAND. TEST WITNESSED BY T. MONK W/ KEY ENERGY SERVICES. SHUT TBG. VALVE. OPEN BY-PASS. OPEN UP CSG. RELEASE PKR. POOH W/ 224 JTS 2 3/8" TBG. LD PKR. PU EXP CK, 1.781" SN AND TIH W/ 100 JTS 2 3/8" TBG. SECURE WELL AND SDFN.
9/15/2003 00:00	HELD SAFETY MTG. SICP=750# BLEED CSG DOWN. CONTINUE TO TIH W/ 136 JTS 2 3/8" TBG. DRIFTING EVERY 2 STANDS W/ SAND LINE. TAG W/ 3' FILL. BREAK CIRCULATION W/ GAS UNLOAD WELL AND C/O TO PBTD. CIRCULATE CLEAN. POOH W/ 8 JTS MU TBG. HANGER. LAND W/ EOT @ 7069' KB. TOP OF SN @ 7068'. ND BOP, NU MASTER VALVE. PUMP 3 BBL KCL. DROP BALL. PRESSURE UP TO 800# W/ GAS. HELD FOR 15 MIN TO TEST TBG. TESTED GOOD. PRESSURE UP TO 1020# AND PUMP OUT EXP. CK. LET WELL FLOW UP TBG. AND CSG. TO ENSURE CK TO BE GONE. SWI AND SECURE W/ 640# ON CSG. 340# TBG. RD EQUIPMENT. RD UNIT. MOVE UNIT OFF LOC TO SJ 28-7# 214. TURN OVER TO OPERATOR AND EPNG FOR PRODUCTION. FINAL REPORT.

Well Name: SAN JUAN 28-7 # 193F
API #: 30-039-27048

Spud Date: 7-Jul-03
Spud Time: 00:30 hrs

TD Date: 12-Jul-03
Rig Release Date: 13-Jul-03

RKB TO GROUND LEVEL: 12 FT
ALL DEPTHS ARE FROM RKB

Surface Casing Date set: 7-Jul-03
Size 9 5/8 in
Set at 235 ft # Jnts: 5
Wt. 32.3 ppf Grade H-40
Hole Size 12 1/4 in
Wash Out 150 % Csg Shoe 235 ft
Est. T.O.C. 0 ft TD of surface 240 ft

Notified BLM @ _____ hrs on _____
Notified NMOCD @ _____ hrs on _____

Intermediate Casing Date set: 10-Jul-03
Size 7 in
Set at 3122 ft # Jnts: 75
Wt. 20 ppf Grade J-55
Hole Size 8 3/4 in
Wash Out 150 % Csg Shoe 3122 ft
Est. T.O.C. SURFACE TD of intermediate 3122 ft

Notified BLM @ _____ hrs on _____
Notified NMOCD @ _____ hrs on _____

Production Casing Date set: 13-Jul-03
Size 4 1/2 in
Wt. 10.5 ppf Grade: J-55 from 0 to 7307 ft
Hole Size 6 1/4 in # Jnts: 170
Wash Out: 50 %
Est. T.O.C. 1800 ft
Marker Jt: 6862' - 6872'
Marker Jt: _____

Notified BLM @ _____ hrs
on _____ Top of Float Collar 7304 ft
Notified NMOCD @ _____ hrs Csg Shoe 7307 ft

TD 7,312 ft

Surface Cmt Date cmt'd: 7-Jul-03
Lead : 150 sx 50/50 POZ:Standard
+ 2% Bentonite + 3% CaCl2
+ 5 lb/sx Gilsonite + 0.25 lb/sx Cello-Flake
+ 0.2 CFR-3, Yield = 1.32 cuft/sx
198 cuft slurry mixed at 13.5 ppg
Displacement: 15.8 bbls Fresh Wtr
Pumping Done at: 08:10 hrs
Final Circ Pressure : 90 psi
Returns during job: Yes
CMT Returns to surface: 6 bbls
Floats Held: No floats run
W.O.C. for 10 hrs (plug bump to drlg cmt)

Int. Cement Date cmt'd: 10-Jul-03
Lead : 350 sx Standard Cement
+ 3% Econolite + 10 lb/sx PhenoSeal
2.88 cuft/sx, 1008 cuft slurry at 11.5 ppg
Tail: 100 sx 50/50 POZ:Standard Cement
+ 2% Bentonite + 2% CaCl2
+ 6 lb/sx PhenoSeal
1.33 cuft/sx, 133 cuft slurry at 13.5 ppg
Displacement: 124.5 bbls Fresh Wtr
Bumped Plug at: 00:30 hrs
Final Circ Pressure: 900 psi
Returns during job: Yes
CMT Returns to surface: 60 bbls
Floats Held: X Yes No
W.O.C. for 19 hrs (plug bump to drlg cmt)

Prod. Cmt Date cmt'd: 13-Jul-03
460 sx 50/50 POZ:Standard Cement
+ 3% Bentonite + 0.2 % CFR-3
+ 0.1% HR-5 + 0.8% Halad-9
+ 5 lb/sx PhenoSeal
1.45 cuft/ sx, 667 cuft slurry at 13.1 ppg
Displacement: 116 bbls 2% KCL water
Bumped Plug at: 06:30 hrs
Final Circ Pressure: 1470 psi
Returns during job: SEE COMMENTS
CMT Returns to surface: none
Floats Held: X Yes No
Mud Wt. @ TD AIR ppg

COMMENTS:

Surface: No float equipment run. Ran guide shoe and aluminum baffle plate 1 jt above guide shoe.
Displaced cement with a top plug and held shut in pressure on casing head while WOC to set before backing out landing jt.
Intermediate: _____
Production: The 6-1/4" hole was air drilled and was filled with air when the prod csg was cmt'd. Therefore there were no returns during cmtng.

CENTRALIZERS:

Surface: Centralizers @ 224', 147', 103', & 60' Total: 4
Intermediate: Centralizers @ 3111', 3040', 2959', 2885', 2805', 2724', and 196' Total: 7
Turbolizers @ 2024', 1983', and 1943' Total: 3
Production: No centralizers run on production casing Total: none