

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE *
(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

RECEIVED

55 OCT 7 2 14:09
070 FARMINGTON, NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *									
1a. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>					5. LEASE DESIGNATION AND SERIAL NO.				
b. TYPE OF COMPLETION: NEW WORK DEEP- DIFF. WELL <input checked="" type="checkbox"/> OVER <input type="checkbox"/> EN <input type="checkbox"/> RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>					6. IF INDIAN, ALLOTTEE OR TRIBE NAME				
2. NAME OF OPERATOR CONOCO INC.					7. UNIT AGREEMENT NAME SAN JUAN 28-7 UNIT				
3. ADDRESS OF OPERATOR 10 Desta Drive, Ste. 100W Midland, Texas 79705-4500 (915) 686-5424					8. FARM OR LEASE NAME, WELL NO. SAN JUAN 28-7 UNIT #249M				
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) * At surface 855' FSL & 2365' FEL, UNIT LETTER 'O' At top prod. Interval reported below At total depth					9. API WELL NO. 30-039-25802				
14. PERMIT NO.					DATE ISSUED		10. FIELD AND POOL, OR WILDCAT BLANCO MESA VERDE		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 30, T28N - R07W
15. DATE SPUDDED 8/17/98		16. DATE T.D. REACHED 9/10/98		17. DATE COMPL. (Ready to prod.) 10-5-98 9/30/98		18. ELEV. (DF, RKB, RT, GR, ETC) * 5941' GL		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 6903'		21. PLUG, BACK T.D. MD. & TVD 6903'		22. IF MULTIPLE COMPL. HOW MANY *		23. INTERVALS DRILLED BY ROTARY CABLE TOOLS <input checked="" type="checkbox"/> TOOLS <input type="checkbox"/>			
24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) * 4134' - 4835' BLANCO MV (4134'-4233' Cliffhouse; 4302'-4568' Menefee; 4678'-4865' Pt. Lookout)								25. WAS DIRECTIONAL SURVEY MADE	
26. TYPE ELECTRIC AND OTHER LOGS RUN								27. WAS WELL CORED	
28. CASING RECORD (Report all strings set in well)									
CASING SIZE/GRADE		WEIGHT, LB/FT		DEPTH SET (MD)		HOLE SIZE		TOP OF CEMENT, CEMENTING RECORD	
9-5/8"		36#		283'		12-1/4"		150 sxs	
7"		23#		2748'		8-3/4"		380 sxs	
4-1/2"		9.5#		6903'		6-1/2"		550 sxs	
29. LINER RECORD					30. TUBING RECORD				
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT *		SCREEN (MD)	
								2-3/8"	
								4084' (Test)	
								6798' (Final)	
31. PERFORATION RECORD (Interval, size and number) SEE ATTACHED SUMMARY					32. ACID, SHOT, FRACTURE, GEL, SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED OCT 26 1998 FARMINGTON DISTRICT OFFICE				
33. * PRODUCTION									
DATE FIRST PRODUCTION 9/30/98		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) FLOWING					WELL STATUS (Producing or shut-in) PRODUCING - DHC #1923		
DATE OF TEST 10-5-98 9/29/98		HOURS TESTED 24 HRS.		CHOKE SIZE 1/2"		PROD'N FOR TEST PERIOD 1/2		OIL - BBL 891	
FLOW TUBING PRESS 40		CASING PRESSURE 400		CALCULATED 24 - HR RATE →		OIL - BBL 12		GAS - MCF 891	
								WATER - BBL 2	
								OIL GRAVITY - API (CORR)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED								TEST WITNESSED BY GENARO MAEZ w/KEY ENERGY	
35. LIST OF ATTACHMENTS SUMMARY									
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. SIGNED <u>Sylvia Johnson</u> TITLE <u>SYLVIA JOHNSON, As Agent for Conoco Inc.</u> DATE <u>10/5/98</u>									

* (See Instructions and Spaces for Additional Data on Reverse Side) Title 18 U.S.C. Section 1001, makes 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.

NMCO

37. SUMMARY OF POROUS ZONES: (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)	38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			SAN JUAN 28-7 UNIT #249M
			<div> <div> <div>NAME</div> <div>MEAS. DEPTH</div> <div>TRUE VERT. DEPTH</div> </div> <div> Ojo Alamo Kirtland Fruitland fma Pictured Cliffs Lewis Chacra Cliffhouse Menefee Point Lookout Mancos Gallup Greenhorn Graneros Dakota </div> <div> 1555 1701 2065 2468 2612 3420 4132 4236 4708 5114 5902 6636 6695 6744 </div> </div>

CONOCO, INC.
SAN JUAN 28-7 UNIT #249M
API#: 30-039-25802
855' FSL & 2365' FEL, UNIT 'O'
SEC. 30, T28N - R07W

COPY

- 9/14/98 MIRU, PU, tally & TIH w/ bit on tbg, tag FC @ 6866' KB no cement, DO FC & cont. in hole to FS @ 6907' KB no cmt, test 4-1/2" csg to 3000# OK, TOO H w/tbg & bit. will run TDT/CBL/CCL tomorrow am w/Schlum. Hope to find some cement across Dakota.
- 9/15/98 RU Schlum, run TDT/CCL/GR from 6907'-2100', run CBL from 6907'-1450', TOC @ 1650' from CBL, RD WL.
- 9/17/98 RU BJ, perf DK w/18 shots from 6745'-6880' as follows: 1 SPF @ 6745-48-57-60-63-66-69-78-81-68-33-35-37-68-72-76-6880', RD WL, TIH w/Hbton 4-1/2" PPI tool on 10' spacing to PBTD @ 6907', PU 10', RU BJ, test tbg & PPI tool in blank pipe to 4000# OK, PU & BD perfs from 6880'-6833' in three setting of PPI tool, max. 4000#, avg. 2600#, pumped 500 G 15% HCl into these perfs, PU & set PPI PKR @ 6785', RET PPI inj tools from PPI PKR on sand line, flush perfs from 6880'-6833' w/500 G 1% KCl, RD BJ, RU swab lube, initial FL @ surface, recovered 32 bbls final FL @ 6100'.
- 9/18/98 BD to pit, TIH w/swab, tag FL @ 6100', 1 swab run, fluid scattered, flow tbg to pit, not producing fluid.
- 9/21/98 RU BJ, Rel PKR @ 6785', drop control valve & standing valve into PPI PKR, set PKR test in blank pipe to 4000#, BD upper DK perfs (11 holes) in 4 settings, Max 2900#, avg. 2900#, all sets BD, RD BJ, TOO H w/tbg & PPI tool, NU 6" frac valve & "Y", RU BJ frac DK w/62,496 G 15# XL gel w/77,040# 20/40 SDC @ 30 BPM, max. 3350#, avg. 3000#, ISIP 2300#, max. sand conc. 3#/gal, (pumped 150# Unichem scale control pellets in the 2 - 3# stage, shut off 4 minutes into 3# stage), ND BJ & frac valve & "Y", RU WL, RIH set comp BP @ 4925', test BP to 4000# OK, perf Pt Lookout w/30 shots (11 gram) @ 4678-91-96-99-4708-11-14-17-24-27-30-43-46-49-52-55-64-67-73-80-83-86-92-4801-08-17-20-29-32-4835', RD WL, NU stripping head & TIH w/ PPI tool on 10' spacing on 2-3/8" tbg, BD Pt. Lookout perfs w/15% HCl in 13 sets Max 3800, Avg.. 1900#, had to spot 3 bbls across perfs prior to PPI to break, all sets broke, RIH w/sand line overshot, ret. SV & control valve, TOO H w/tbg & PPI tool, NU BJ, frac Pt Lookout w/62,496 G 15# XL gel w/75,000# 20/40 AZ & 12,000# 20/40 SDC @ 48 BPM, max. 1837#, avg. 1200#, ISIP vac., Max sand conc. 3#/gal.
- 9/22/98 RU BJ, set FDBP @ 4608'. Test Csg & Plug to 3000 psi. - OK. RU to perf (MV) Menefee. Perf @ following depths 4302-06-27-34-78-81-87-89-96-99-4402-08-10-24-86-89-92-95-98-4501-04-07-14-16-47-49-55-58-61-68. (total holes 30). RIH w/ tbg w/ PPI tool w/ 10' spacings. Spotted 6 bbls of 15% HCl acid over perfs. Set tool & broke down all perfs w/ 12 bbls of acid avg. breakdown press 2200 psi. All perfs broke down except 1 perf @ 4424'. POOH w/ 2 3/8" tbg & PPI tool. RU BJ to frac (MV) Menefee. fraced w/ 1292 bbls of 15# X-link gel w/ 76,362# of 20/40 AZ sand & 12,000# of 20/40 SDC sand, avg. press 2300 psi @ 47 BPM avg. rate. max. press 2875 psi. max. sand conc. 3#/ gal. ISIP - 1300 psi. Set FDP @ 4273'. Test csg & plug to 3000 psi. - OK. RU to perf (MV) Cliffhouse w/ .32" hole size w/ 11 grams charge. Perf @ 4134-36-38-72-74-76-78-80-92-94-96-98-4200-05-12-14-16-25-27-29-31-33. (total holes 22). RU BJ & acidized w/ 750 gals of 15% HCl acid, w/ 38 ball sealers, avg. press 1850 psi @ 13 BPM avg. rate. Good ball action, well balled off. max. press 3900 psi. ISIP 900 psi. RIH w/ WL junk basket, retrieved 38 balls w/ 20 hits. RU & frac (MV) Cliffhouse w/ 55,500# of 20/40 AZ sand & 11,000# of 20/40 SDC sand. Total fluid pumped 1170 bbls of 15# X-LINK Gel. avg. press 2150 psi @ 35 BPM avg. rate. max. press 3250 psi. max. sand conc. 3#/ gal. ISIP 700 psi. SI well, & RD BJ. NOTE: BOTH FRACS MENELEE & CLIFFHOUSE WERE TAGGED W/ 3 ISOTOPES OF RAW MATERIAL.
- 9/23/98 RIH w/ 100 jts of 2-3/8" tbg w/ Baker MMM. RU 2 drill gas comp, & Blowie line, wkd on flare pit.
- 9/24/98 Cont. to RIH w/ 2-3/8" tbg & Baker MMM. Run to 3140' & started 2 drill gas comp. Unloaded well @ 3140'. Cont. to RIH & tagged sand @ 4211'. Started 2 drill gas comp. & cleaned sand to Hallib FDPlug @ 4273'. Circ. & cleaned sand. DU Hallib Plug @ 4273'. PU to 4084'.
- 9/25/98 RIH & tagged sand @ 4495'. Started 2 drill gas comp, & RU power swivel. Cleaned sand to plug @ 4608'. Drilled up plug @ 4608' & circ. clean. POOH w/ 16 jts to 4084'.

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- 9/28/98 RIH & tagged sand @ 4779'. Started 2 drill gas comps, & cleaned sand to FDP @ 4925'. Circ. clean & PU 26 jts. Flowed well up the tbg, w/out a choke. Drywatched the well thru the night, to allow well to clean up.
- 9/29/98 Flowing thru 2" line. Tbg - 40 psi, and Csg 400 psi. w/ tbg @ 4084', installed 1/2" choke nipple. Tested well thru choke nipple, well stabilized @ 135 psi TP, & 400 psi CP. MV tested as follows. 891 MCFPD, w/ 2 bbls H2O & 1/2 bbl oil. 2-3/8" tbg @ 4084'. Test witnessed by Genaro Maez w/ Key Energy. RIH & tagged sand @ 4910'. Started 2 drill gas comps & cleaned sand to Hallib FDP @ 4925'. DU Plug @ 4925'. PU to 4084', & started flowing well up the tbg, to clean up. Dry watched well thru the night, flowing thru 2" w/out choke.
- 9/30/98 Dry watched well thru the night, to allow well to clean up. Flowed thru 2" line w/out choke. TP 55 psi, & CP 440 psi. RIH & tagged sand @ 6861'. Started 2 drill gas comps, & cleaned sand to PBTD @ 6906'. Set on btm & pumped soap sweeps to clean up. PU to 4084' & dry watched well thru the night.
- 10/1/98 Dry watched thru the night, flowing up the tbg to allow well to clean up. TP 220 psi & CP 450 psi. POOH w/ 2-3/8" tbg w/ MMM. RIH w/ 2-3/8" tbg w/ SN & Mule SC on btm. Tagged @ 6886', for 20' of fill. Started 2 drill gas comps, & cleaned sand to PBTD @ 6909'. Pull 4 jts. w/ EOT @ 6815', will drywatch & test DK thru the night.
- 10/2/98 Flowed well up tbg, w/ 1/2" choke nipple. 2-3/8" tbg @ 6815'. Tbg 200 psi., & Csg 520 psi. DK test as follows: 429 MCFPD with 2 bbls water and 1 oil. Test witnessed by Ray Simms with L & R Const. RU WL & ran tracer log, over DK & MV. RD WL. RIH & tagged sand @ 6899'. Started 2 drill gas comps, & cleaned sand to PBTD @ 6906'. PU to 6720'.
- 10/5/98 SI well 10/4/98 @ 5 :00 PM. RIH & tagged fill @ 6903'. Started 2 drill gas comps, & cleaned sand to PBTD @ 6906'. PU & land 2-3/8" tbg @ 6798' w/ KB & SN added in. Total tbg 214 jts. Has Mule Shoe & SN on bottom. NDBOP & NUWH. RDMO location. FINAL REPORT