

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

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BLM

38 OCT - 7 PM 4:10  
OTO FARMINGTON, NM

<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG *</b>						5. LEASE DESIGNATION AND SERIAL NO.
1a. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>						6. IF INDIAN, ALLOTTEE OR TRIBE NAME
b. TYPE OF COMPLETION: NEW WORK DEEP- DIFF. OTHER WELL <input checked="" type="checkbox"/> OVER <input type="checkbox"/> EN <input type="checkbox"/> RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>						7. UNIT AGREEMENT NAME SAN JUAN 28-7 UNIT
2. NAME OF OPERATOR CONOCO INC.						8. FARM OR LEASE NAME, WELL NO. SAN JUAN 28-7 UNIT #249M
3. ADDRESS OF OPERATOR 10 Desta Drive, Ste. 100W Midland, Texas 79705-4500 (915) 686-5424						9. API WELL NO. 30-039-25802
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						10. FIELD AND POOL, OR WILDCAT BASIN DAKOTA
14. PERMIT NO.				DATE ISSUED		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.) 10/05/98		12. COUNTY OR PARISH RIO ARRIBA COUNTY
18. ELEV. (DF, RKB, RT, GR, ETC) * 5941' GL		19. ELEV. CASINGHEAD		13. STATE NM		
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) * 6745' - 6880' BASIN DAKOTA <del>4678' - 4805'</del>						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	AMOUNT PULLED	
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)	SIZE	DEPTH SET (MD) PACKER SET (MD)
					2-3/8"	6798' (Final)
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, GEL, SQUEEZE, ETC. RECORD		
SEE ATTACHED SUMMARY				DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED		
				OCT 23 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 10/05/98	HOURS TESTED 24 HRS.	CHOKE SIZE 1/2"	PROD'N FOR TEST PERIOD	OIL - BBL 1	GAS - MCF 429	WATER - BBL 2
FLOW. TUBING PRESS 200	CASING PRESSURE 520	CALCULATED 24 - HR RATE	OIL - BBL	GAS - MCF	WATER - BBL 2	OIL GRAVITY - API (CORR)
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED						TEST WITNESSED BY RAY SIMS w/L&R CONSTRUCTION
35. LIST OF ATTACHMENTS SUMMARY						
36. I hereby certify that the foregoing and attached information is complete and correct as furnished from all available records						
SIGNED <i>Sylvia Johnson</i>			TITLE SYLVIA JOHNSON, As Agent for Conoco Inc.		DATE 10/5/98	

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OIL CON. DIV.  
DIST. 3

\* (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.

NMOCO

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			SAN JUAN 28-7 UNIT #249M

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Ojo Alamo	1555	
Kirtland	1701	
Fruitland fma	2065	
Pictured Cliffs	2468	
Lewis	2612	
Chacra	3420	
Cliffhouse	4132	
Menefee	4236	
Point Lookout	4708	
Mancos	5114	
Gallup	5902	
Greenhorn	6636	
Graneros	6695	
Dakota	6744	

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 PBD @ 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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API#: 30-039-25802  
855' FSL & 2365' FEL, UNIT 'O'  
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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 460 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