

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

5. LEASE DESIGNATION AND SERIAL NO. SF 078840					
6. IF INDIAN, ALLOTTEE OR TRIBE NAME					
7. UNIT AGREEMENT NAME SAN JUAN 28-7 UNIT					
8. FARM OR LEASE NAME, WELL NO. SAN JUAN 28-7 UNIT #237M					
9. API WELL NO. 30-039-25822					
10. FIELD AND POOL, OR WILDCAT BASIN DAKOTA					
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 10, T27N - R07W					
2. NAME OF OPERATOR CONOCO INC.				12. COUNTY OR PARISH RIO ARRIBA COUNTY	
3. ADDRESS OF OPERATOR 10 Desta Drive, Ste. 100W Midland, Texas 79705-4500 (915) 686-5424				13. STATE NM	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) * At surface 1450' FSL & 1850' FEL, UNIT LETTER 'J' At top prod. Interval reported below At total depth					
15. DATE SPUNDED 9/25/98		16. DATE T.D. REACHED 10/04/98		17. DATE COMPL. (Ready to prod.) 10/27/98	
18. ELEV. (DF, RKB, RT, GR, ETC) *		19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 7508'	
21. PLUG, BACK T.D. MD. & TVD 7508'		22. IF MULTIPLE ZONES, SHOW MAIN		23. INTERVALS DRILLED BY ROTARY <input type="checkbox"/> CABLE <input type="checkbox"/> TOOLS <input checked="" type="checkbox"/> TOOLS <input type="checkbox"/>	
24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) * 7282' - 7472' BASIN DAKOTA					
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#	416'	12-1/4"	265 SXS	
7"	20#	3224'	8-3/4"	490 SXS	
4-1/2"	9.5#	7504'	6-1/2"	575 SXS	
29. LINER RECORD			30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT *	SCREEN (MD)	SIZE
					2-3/8"
					7345'
31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
SEE ATTACHED SUMMARY			DEPTH INTERVAL (MD)		
			AMOUNT AND KIND OF MATERIAL USED		
33. PRODUCTION					
DATE FIRST PRODUCTION 10/27/98		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) FLOWING		WELL STATUS (Producing or shut-in) PRODUCING - DHC #1924	
DATE OF TEST 10/26/98	HOURS TESTED 24 HRS	CHOKE SIZE 1/2"	PROD'N FOR TEST PERIOD	OIL - BBL 1/2	GAS - MCF 264
WATER - BBL 1	GAS - OIL RATIO				
FLOW. TUBING PRESS 40	CASING PRESSURE 450	CALCULATED 24 - HR RATE	OIL - BBL 1/2	GAS - MCF 264	WATER - BBL 1
				OIL GRAVITY - API (CORR)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED				TEST WITNESSED BY MIKE STUBBS FOR CONSTRUCTION	
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 <i>Sylvia Johnson</i>			TITLE SYLVIA JOHNSON, As Agent for Conoco Inc.		
			DATE 10/28/98		

RECEIVED
NOV 12 1998

OIL CON. DIV.
DIST. 3

ACCEPTED FOR CONSTRUCTION

NOV 09 1998

GARMINIION DISTRICT OFFICE

* (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.

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);

DESCRIPTION, CONTENTS, ETC.

SAN JUAN 28-7 UNIT #237M

BOTTOM

TOP

FORMATION

38.

GEOLOGIC MARKERS

NAME

MEAS. DEPTH

TOP

TRUE VERT. DEPTH

Ojo Alamo
 Kirtland
 Fruitland fma
 Pictured Cliffs
 Lewis
 Chacra
 Cliffhouse
 Menefee
 Point Lookout
 Mancos
 Gallup
 Greenhorn
 Graneros
 Dakota

2047
 2226
 2502
 2931
 3046
 3848
 4605
 4626
 5200
 5534
 6380
 7148
 7228
 7280

CONOCO, INC.
SAN JUAN 28-7 UNIT 237M
API#: 30-039-25822
1450' FSL, & 1850' FEL, UNIT 'J'
SEC. 19, T27N - R07W

- 10/6/98 MIRU. NU tbg. head and test to 2300#. NU BOP test 4-1/2" @ 3000#. Test 7" @ 500#. PU 187 jts. 2-3/8" tbg. w/ 3-7/8" bit. GIH tag cmt @ 5905'. Drill out cmt to 6067'. Circ. clean. POOH.
- 10/7/98 GIH w/ 2-3/8" tbg to 6067'. Begin DO cement. Drilled to 6442'. Had to SD due to equip. failure. Circ. clean.
- 10/8/98 RU GIH tag cement @ 6442'. DO cement to 6919'. Circ. clean.
- 10/9/98 RU Begin DO cement. Drilled cmt from 6919' to float collar @ 7457'. DO FC. DO 39' cmt to PBTD @7496'. Circ. well clean w/ 120 bbls of clean H2O.
- 10/12/98 RU. POOH w/ 235 jts. & 3 7/8" bit. Test to 4000#. RU Schlum, run TDT/ CCL/GR log from PBTD 7496' to 2000'. RD WL.
- 10/13/98 No operations. Waiting on acidizing equip.
- 10/14/98 RU Blue Jet w/ . GIH w/ 3 1/8" select fire gun. Perf. DK w/ 32 (11gm.) shots as follows: 7282-84-91-93-7301-03-49-52-55-59-64-67-75-89-91-99-7401-03-05-22-26-28-35-38-41-45-52-57-62-66-69-72-POOH RD w/ . RU BJ. GIH w/ 2-3/8 tbg. & Haliburton 4-1/2" PPI tool on 10' spacings. Press test to 4000#. Spot 2 bbls. 15% HCl. Break down perfs. in 11 settings w/ 750 gals. 15% HCl. First 2 perfs. did not break. Remaining perfs broke at a max. of 3900# and avg. of 3200#. GIH retrieve control valve w/ sand line. TOOH w/ tbg. & PPI tool. NU frac "y" & valve.
- 10/15/98 No operation, waiting on frac equip.
- 10/16/98 RU BJ, test lines to 5000#. Set relief valve. Frac DK w/ 95760 gals 3.75gpt XL gel, 84700# 20/40 Ottawa & 39000# 20/40 SDC @ 40 bpm. Max 3700#, avg 2900#. Isip 1700#, max sand conc. 3ppg. Dropped tracer beads during 1#, 2#, 3#, 3# sdc stages. RD BJ, frac valve & "y", RU BJ. RIH set 4 1/2" Hbton comp BP @ 5379'. Test BP @ 3000#. OK. RIH w/ 3-1/2" select fire gun w/ 29 (11gm) shots. Perf Point Lookout as follows: 5208-11-14-17-20-23-26-32-35-38-41-44-47-50-53-67-69-71-82-85-88-91-94-98-5300-23-25-27-29-RD WL. GIH w/4-1/2" Hbton pipe tool on 10' spacings & 2-3/8" tbg. to 5375'. BD PL perfs w/ 750 gals 15% HCl in 8 sets. Max 3000#, avg. 2500#. All sets appeared to breakdown. RIH w/ sand line retrieve standing valve, TOOH w/ tbg. & pipe tool. NU frac valve & "y". RU BJ Test lines to 5000#, test relief valve. Frac Point Lookout w/ 60480 gals 3.75gpt XL gel, 58000# 20/40 AZ sand & 21000# 20/40 SDC @ 45 bpm. Max 2400#, avg. 1500# Isip 200#. Max sand conc. 3#. Dropped tracer beads during 1#,2#, 2-1/2# 3# stages. RD BJ.
- 10/17/98 ND frac valve & " y". RU BJ. GIH set 4-1/2" Hbton comp. BP @ 5155. Test plug to 3000#. OK. GIH w/ 3-1/2" select fire gun. Perf Menefee w/ 20 (11gm) shots as follows: 4973-75-77-79-81-83-5005-08-11-14-17-20-71-73-75-77-79-5101-03-05. RD w/ GIH w/ 4-1/2" Hbton pipe tool on 10' spacings & 2-3/8" tbg. to 5108'. BD perfs in 5 sets w/ 750 gals 15% HCl. Max 2700#, avg. 2000#. All sets BD. GIH w/ sand line retrieve standing valve. POOH w/ tbg. & ppi tool. NU frac valve & "y". RU BJ, Test lines to 5000#, set relief valve. Frac Menefee w/ 60480g 3.75gpt XL gel, 40000# 20/40 AZ sand, 12000# 20/40 SDC @ 30BPM

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SAN JUAN 28-7 UNIT 237M
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max 3300#, avg 2900#, ISIP 1700#, max sand conc 3#/ gal. Dropped tracer beads during 1#, 2# & 3# stage. RD BJ.

- 10/19/98 0 - psi on csg. ND frac valve. RIH w/ 3 7/8" MMM, w/ 2-3/8" tbg. RU 2 drill gas comp, & 6" blowie line. EOT @ 3982'.
- 10/20/98 SD due to bad weather. Lighting & heavy rain, in area.
- 10/21/98 0 - PSI on tbg & csg. Start 2 drill gas comp, & unload well @ 3982'. Cont. to RIH & tagged sand @ 5058'. Started 2 drill gas comp & cleaned sand to Hallib FDPlug @ 5155'. Circ. & pumped soap sweeps, to allow well to clean up. PU to 4899'.
- 10/22/98 700 PSI, Tbg & Csg. RIH & tagged sand @ 5090' for 65' of fill. Started 2 drill gas comp, & cleaned sand to Hallib FD Plug @ 5155'. DU Plug @ 5155'. Cont. in hole, & tagged sand @ 5278'. Circ. & cleaned sand to Hallib FD Plug @ 5379'. Circ. & pumped soap sweeps, to allow well to CU. Pulled 2-3/8" tbg up to 4899', will drywatch & test (MV) zone thru the night. w/ 2-3/8" tbg @ 4899' & flowing well up the tbg thru 1/2" choke nipple. Tbg 90 psi, & Csg 490 psi. (MV tested @ 594 MCFPD w/ 5 BBLs, OIL and 8 BBLs WATER) Test witnessed by Mike Stone w/ L&R Const.
- 10/23/98 W/ 1/2" choke installed, tbg 90 psi. & csg 490 psi. RIH & tagged sand @ 5359'. Started 2 drill gas comp & cleaned sand to Hallib FD Plug @ 5379'. DU Hallib FD Plug @ 5379'. Circ. clean & POOH w/ 15 jts. to 4899'. Flowed well up the tbg w/ no choke. Flowed well thru the weekend, to allow well to clean up. TBG 25 psi & CSG 350 psi.
- 10/26/98 Tbg & Csg 1090 psi. RIH & tagged sand @ 7419'. Started up 2 drill gas comp. & cleaned sand to PBDT @ 7496'. Cleaned sand & pumped soap sweeps to allow well to CU. Pulled 2-3/8" tbg to 4899'. Started flowing well up 2-3/8" tbg. Installed 1/2" choke nipple. Dry watched & tested DK thru the night. (DAKOTA tested as follows with 2-3/8" tbg @ 4899', Tbg 40 psi & Csg 450 psi. 264 MCFPD w/ 1 bbl water & 1/2 bbl oil. Test witnessed by Mike Stone w/ L&R Const.
- 10/27/98 POOH w/2-3/8" tbg w/ Baker MMM. RIH w/ 2-3/8" tbg, SN & Mule Shoe Collar. Tagged sand @ 7473', started up 2 drill gas comp & cleaned sand to PBDT @ 7496'. Set on bottom & pumped soap sweeps to allow well to clean up. PU to 7330'.
- 10/28/98 Drywatched thru the night, flowing up the tubing without a choke. Tbg 25 psi and Csg 500 psi. RIH and tagged sand @ 7471'. Started 2 drill gas compressors and cleaned sand to PBDT @ 7496'. Pull tubing to 7235'. Rig up wireline and run ProTechnics RA tracer log, from 7475' to 6900' and from 5450' to 4750'. Rig down wireline. SHUT DOWN
- 10/29/98 RIH and land 2 3/8" tbg with SN & Mule Shoe Collar on bottom. Land tubing @ 7345' with KB added in. (TOTAL TUBING 232 jts.) NDBOP & NUWH. Rig down Blowie lines and drill gas compressor lines. Rig down and move off location. FINAL REPORT

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