

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

COPY
RECEIVED
MAR 19 1999

WELL COMPLETION OR RECOMPLETION REPORT AND LOG						5. LEASE DESIGNATION AND SERIAL NO. SF 078497	
						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
1a. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>						7. UNIT AGREEMENT NAME San Juan 28-7 Unit	
b. TYPE OF COMPLETION: NEW <input type="checkbox"/> WORK <input type="checkbox"/> DEEP- <input type="checkbox"/> DIFF. <input type="checkbox"/> WELL <input type="checkbox"/> OVER <input type="checkbox"/> EN <input type="checkbox"/> RESVR. <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>						8. FARM OR LEASE NAME, WELL NO. San Juan 28-7 Unit #146	
2. NAME OF OPERATOR CONOCO INC.						9. API WELL NO. 30-039-20097	
3. ADDRESS OF OPERATOR 10 Desta Drive, Ste. 100W Midland, Texas 79705-4500 (915) 686-5424						10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) * At surface 950' FNL & 1766' FEL, UNIT LETTER "B" At top prod. Interval reported below At total depth						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 28 Sec. 19, T27N-R07W	
				14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 5-23-68		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.) 3-16-99		18. ELEV. (DF, RKB, RT, GR, ETC) * 6865' GL	
20. TOTAL DEPTH, MD & TVD 3577'		21. PLUG, BACK T.D. MD. & TVD 3562' 3538'		22. IF MULTIPLE COMPLETIONS, HOW MANY? 1		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) 3215' - 3452' Basin Fruitland Coal						25. WAS DIRECTIONAL SURVEY MADE	
26. TYPE ELECTRIC AND OTHER LOGS RUN Depth Correlation						27. WAS WELL CORED	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE/GRADE		WEIGHT, LB/FT		DEPTH SET (MD)		HOLE SIZE	
8 5/8"		36#		127'		12 1/2"	
2 7/8"		23#		3577'		6 8 3/4"	
						95 SX	
						145 SX	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT *	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2 9/8"		3465'		1 7/4"			
31. PERFORATION RECORD (Interval, size and number)							
See Attached Summary.							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
33. * PRODUCTION							
DATE FIRST PRODUCTION 3-16-99		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing DHC# 1792	
DATE OF TEST 3-16-99		HOURS TESTED 24 hrs		CHOKE SIZE 1/2"		PROD'N FOR TEST PERIOD	
FLOW. TUBING PRESS 35#		CASING PRESSURE 130#		CALCULATED 24 - HR RATE		OIL - BBL 0	
						GAS - MCF 231 MCFD	
						WATER - BBL 1	
						GAS - OIL RATIO	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) V							
						TEST WITNESSED BY Victor Barrios 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>Verla Johnson</u>						FARMINGTON FIELD OFFICE BY <u>[Signature]</u>	
TITLE <u>VERLA JOHNSON, As Agent for Conoco Inc.</u>						DATE <u>3-16-99</u>	

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CONOCO INC.
SAN JUAN 28-7 UNIT #146
API #30-039-20097
950' FNL & 1766' FEL, UNIT LETTER "B"
Sec. 19, T27N-R07W

- 3/8/99 MIRU
- 3/9/99 200# csg, 150# tbg, BD tbg to rig pit, kill tbg w/3 bbls 1% KCL, NDWH, NUBOP (had to strip over existing 2 7/8" tubing nipple to NU to casing hanger), TOOH laying down 110 jts 1 1/4" IJ tbg total 3546', RU Blue Jet WL, TIH w/gauge ring for 2 7/8" no tag to 3500', RIH w/2 7/8" Hbton comp BP set @ 3455' to isolate PC perfs from 3460' - 3488', test BP to 3000# OK, run GR correlation log to open hole log, no correction needed on log, perf FC from 3215' - 3452' w/11 gram strip guns as follows: 3215' - 3217 4spf, 3295' - 3297' 4 spf, 3340' - 3356' 4spf, 3369' - 3373' 4spf, 3432' - 3436' 4 spf, 3442' - 3452' 4spf, total of 152 shots in zone, RD WL.
- 3/11/99 0# csg, ND BOP, NU 2 7/8" 10 rd X 2 7/8" 8 rd XH wedge in 2 7/8" casing hanger, NU 2 7/8" 5000# frac valve, RU BJ N2 & fluid pumps for frac, test lines 6000#, BD FC perfs w/1% KCl @ 1900# 2 BPM, acidize perfs w/1000G 15% HCl @ 5 BPM Max 1700#, Avg 1500# ISIP 400#, Frac FC w/49,367G 70Q foamed XL gel w/98,140# 20/40 AZ @ 22 BPM (foam rate) Max 4400#, Avg 4250#, ISIP 2400#, Max sand conc 4#/gal @ perfs, RD BJ, NU 2" flow line to LD tank w/1/4" choke, start flowback w/in 1 hr of frac, initial flowing pressure 1600# thru 1/4" choke, turn over to drywatch overnight.
- 3/12/99 Well flowed overnight through 1/2" choke 65# up 2 7/8" casing, continue to bring sand cut foamy fluid, continue to drywatch through weekend until well dies.
- 3/13/99 flowing 40# up 2 7/8" casing unloading sand/caol cut fluid to lay down tank continue drywatch through weekend
- 3/14/99 Continue to flow back fluid & gas through 2 7/8" casing to lay down tank, 30 - 40#, continue drywatch until Monday am.
- 3/15/99 Flowed overnight through 2 7/8" casing 50# thru 1/2" choke installed @ 7pm Sunday 13th, remove choke, BD casing to LD tank, kill casing w/10 bbls 1% KCL, ND Frac valve & flowback manifold, NU 2 7/8" nipple, 2 7/8" X 1 1/4" tubing hanger, composite flange & BOP, tally, PU & RIH w/2 3/8" metal muncher, 6 - 1 1/2" DC's, & 1 1/2" drill pipe, tag fill @ 3435' (20' of fill over BP @3455') RU BJ N2 pump & pwr swivel, establish circ w/N2 1000 SFM @ 2000#, unload well to LD tank, CO fill to BP @ 3455', DO BP & cont in hole cleaning out to PBDT @ 3538' leaves 50' of rathole below PC perfs from 3460' - 3488', circ clean from PBDT w/foam & soap sweeps, RD BJ N2, TOOH laying down drill pipe until mill above 3000'.
- 3/16/99 Continue TOOH laying down rental tool string, PU & TIH w/1 1/4" SN & 107 jts 1 1/4" IJ tbg land @ 3465', NDBOP, NUWH (2" master valve), RDMO Final report. FC test as follows: 1/2" choke, 130# csg, 35# tbg, 1 BWPD, 0 BOPD, 231 MCFD test witnessed by Victor Barrios w/Key Energy. This well is now DHC FC/PC total production 275 MCFD combined rate. DHC order #1792.