

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT IN DUPLICATE *
(See other instructions on
reverse side)FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER						5. LEASE DESIGNATION AND SERIAL NO. CONT. 105	
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						7. UNIT AGREEMENT NAME JICARILLA A	
2. NAME OF OPERATOR CONOCO INC.						8. FARM OR LEASE NAME, WELL NO. 9M	
3. ADDRESS OF OPERATOR 10 Desta Drive, Ste. 100W Midland, Texas 79705-4500 (915-686-5424)						9. API WELL NO. 30-039-25735	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) * At surface 2070' FSL & 2055' FWL, UNIT LETTER 'K' At top prod. Interval reported below At total depth						10. FIELD AND POOL, OR WILDCAT BASIN DAKOTA	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 14, T-26-N, R-04-W						12. COUNTY OR PARISH RIO ARRIBA	
13. STATE NM						14. PERMIT NO.	
DATE ISSUED						15. DATE SPUDDED 11-02-97	
16. DATE T.D. REACHED 11-27-97						17. DATE COMPL. (Ready to prod.) 12-30-97	
18. ELEV. (DF, RKB, RT, GR, ETC) * 7546 GR 7428						19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 8218'						21. PLUG, BACK T.D. MD. & TVD 8174'	
22. IF MULTIPLE COMPL. HOW MANY * RECEIVED APR - 9 1993						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) 7961' - 8150' BASIN DAKOTA						25. WAS DIRECTIONAL SURVEY MADE	
26. TYPE ELECTRIC AND OTHER LOGS RUN OIL CON. DIV.						27. WAS WELL CORED	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE/GRADE		WEIGHT, LB/FT		DEPTH SET (MD)		HOLE SIZE	
9-5/8"		#36		323'		12-1/4"	
7"		#23		4106'		8-3/4"	
4-1/2"		#11.6		8218'		6-1/4"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT *	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2-3/8"		5788' (TEST)		DO BP @ 6190'			
		8046' (FINAL)		(DHC #1648)			
31. PERFORATION RECORD (Interval, size and number)							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)							
AMOUNT AND KIND OF MATERIAL USED							
SEE ATTACHED SUMMARY							
33. * PRODUCTION							
DATE FIRST PRODUCTION 12-29-97		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) FLOWING				WELL STATUS (Producing or shut-in) PRODUCING - DHC #1648	
DATE OF TEST 12-29-97		HOURS TESTED 24 HRS		CHOKE SIZE 1/2"		PROD'N FOR TEST PERIOD	
OIL - BBL 3		GAS - MCF 1056 MCFPD		WATER - BBL 15		GAS - OIL RATIO	
FLOW TUBING PRESS 340#		CASING PRESSURE 700#		CALCULATED 24 - HR RATE →		OIL - BBL 3	
GAS - MCF 1056 MCFPD		WATER - BBL 15		OIL GRAVITY - API (CORR)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED						TEST WITNESSED BY GENARO MAEZ w/ FLINT	
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 SYLVIA JOHNSON, As Agent for Conoco Inc. DATE 02/25/98			

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.	NAME	TOP		MEAS. DEPTH	TRUE VERT. DEPTH
					Ojo Alamo			3264	
					Fruitland Fm			3520	
					Pictured Cliffs			3791	
					Lewis			3965	
					Chacra			4740	
					Cliffhouse			5457	
					Menefee			5568	
					Point Lookout			5932	
					Mancos			6420	
					U. Gallup			7054	
					M. Gallup			7280	
					Tocito			7491	
					Greenhorn			7876	
					Graneros			7934	
					Dakota			7958	

**CONOCO INC.
JICARILLA A 9M
API # 30-039-25735
SEC 14 T26N - R04W UNIT LETTER "K"
2070' FSL - 2055' FWL**

12/01/97 MIRU. Spot all equipment, and tbq trailers. NUBOP. Test csg and BOP'S to 4000 psi. RIH w/ 3-7/8" bit and 2-3/8" tbq. Tagged cement above DV tool @ 5136'.

12/02/97 Drilled cement from 5136' to DV tool @ 5204'. Drilled up DV @ 5204'. Cont. in hole and tagged cement @ 6148'. Drilled cement to DV tool @ 6210'. Drilled up DV @ 6210'.

12/03/97 Cont. in hole. Tagged cement @ 8046'. Drilled cement to float collar @ 8174'. Frilled up float collar @ 8174'. Drilled cement to 8210'. Circ. hole w/ 1% clean KCl. POOH w/ tbq and bit. Tested csg. To 4000 psi. - OK.

12/04/97 RU Schlumberger wireline. Ran TDT log from 8214' (wireline depth) to 3200'. Faxed log to Midland. Run CBL log from 8214' to 4000' with 1000 psi. pressure on csg.

12/05/97 Pressured 7 x 4-1/2" annulas to 500 psi. Tested csg., BOP and frac valve to 4500 psi. - OK. RU BJ and perf DK @ 7961-64-67-70-73-76-79-85-88-91-94-97-8000-03-06-8101-04-07-10-13-16-19-22-41-44-47-50. With 3-1/8" HSC w/ .32" hole size. Total holes 27. Shot bottom holes and was able to pump into them @ 2 BPM @ 1200 psi.

12/08/97 RU BJ to acidize and frac. Pressure 7" x 4-1/2" annulas to 500 psi. -OK. Pumped 200 gals, 15% HCl acid @ 8 BPM @ 560 PSI. Let acid set on perfs for 30 min. Pumped 500 gals 15% HCl acid w/ 41 ball sealers, @ 8 BPM @ 470 PSI. Max. pressure 4100 psi. Well balled off. Total acid pumped 700 gals. RIH w/ junk basket, retrieved 41 ball w/ 27 hits. Fraced well w/ 133,770# of 20/40 Ottawa sand and 6,000# of 20/40 SDC sand, @ 40 BPM avg. rate @ 3000 psi avg. pressure. Max. pressure 3500 psi. Total fluid pumped 2039 bbls of 15# X - LINK gel. Max sand conc. 3#/ gal. ISIP 950 psi. Final shit in 1100 psi. in 15 min. RIH and set Hallib Fas Drill Plug @ 6190'. Tested plug to 3500 psi.-OK. Perf @ 5930' w/ 4shots 90 degree phasing. .32" hole size. Pull out of hole w/ perf gun, fluid level dropped 1000'. Pumped into holes @ 2.5 bpm @ 0 psi. Could not catch fluid.

12/09/97 RIH w/ Hallib 4-1/2" RTTS pkr and 2-3/8" tbq. Set pkr @ 5707'. Pressure backside to 500 psi. - OK. RU BJ to squeeze cement. Est. inj rate @ 4 bpm @ 1500 psi. Pumped 50 sks. Thixotropic cement mixed @ 14.6 PPG. And 50 sks class B neat mixed @ 15.6 PPG @ approx. 2 bpm @ approx. 200 psi. Well went on vacuum. Mixed 100 sks class B neat cement and pumped @ approx. 2 bpm @ 350 psi.

12/10/97 Released pkr @ 5707', and POOH w/ pkr and 2-3/8" tbq. RIH w/ 2-3/8" tbq and 3-7/8" bit. Tagged top of cement @ 5826' and psi.-OK. Cont. in hole and circ. hole clean @ 6190'. POOH w/ tbq and bit.

12/11/97 RU BJ. Run CBL from 6158' to 5170' w/ 500 psi. on csg. Top of cement @ 5922'. Faxed CBL to Midland. RIH and perf @ 5830' w/ 4 shots 90 degree phasing. Pumped in @ 2 BPM @ 1200 psi. RIH w/ 2-3/8" tbq and Hallib 4-1/2" RTTS pkr. Set pkr @ 5645'. Pressure backside to 500 psi.-OK.

12/12/97 RU BJ. To cement. With pkr set @ 5645', pressure backside to 500 psi.-OK Est. rate down tbq, @ 2 BPM @ 1000 psi. Pumped 100 sks Class B neat cement @ 3/4 BPM @ approx. 500 psi. Pressure cont. to increase. Hesitated on squeeze for approx. 30 min. and pressure increased. Approx. top of cement below pkr @ 5750'.

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