

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

*Corrected Copy*

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

<b>1a. TYPE OF WELL</b> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>  <b>b. TYPE OF COMPLETION:</b> NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>						<b>5. LEASE DESIGNATION AND SERIAL NO.</b> CONT. 105	
						<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b>  	
<b>2. NAME OF OPERATOR</b> CONOCO INC.						<b>7. UNIT AGREEMENT NAME</b> JICARILLA A	
<b>3. ADDRESS OF OPERATOR</b> 10 Desta Drive, Ste. 100W Midland, Texas 79705-4500 (915-686-5424)						<b>8. FARM OR LEASE NAME, WELL NO.</b> 9M	
<b>4. LOCATION OF WELL</b> (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						<b>9. API WELL NO.</b> 30-039-25735	
<b>10. FIELD AND POOL, OR WILDCAT</b> BLANCO MESA VERDE						<b>11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA</b> SEC. 14, T-26-N, R-04-W	
<b>14. PERMIT NO.</b>  				<b>DATE ISSUED</b>  		<b>12. COUNTY OR PARISH</b> RIO ARriba	
<b>13. STATE</b> NM							
<b>15. DATE SPUDDED</b> 11-02-97		<b>16. DATE T.D. REACHED</b> 11-27-97		<b>17. DATE COMPL. (Ready to prod.)</b> 12-24-97		<b>18. ELEV. (DF, RKB, RT, GR, ETC)</b> GR 7128'	
<b>19. ELEV. CASINGHEAD</b>  							
<b>20. TOTAL DEPTH, MD &amp; TVD</b> 8218'		<b>21. PLUG, BACK T.D. MD. &amp; TVD</b> 8174'		<b>22. IF MULTIPLE COMPL. HOW MANY *</b>  		<b>23. INTERVALS DRILLED BY</b> ROTARY <input type="checkbox"/> CABLE <input type="checkbox"/> TOOLS <input checked="" type="checkbox"/> TOOLS <input type="checkbox"/>	
<b>24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)</b> 5888' - 6070' BLANCO MESA VERDE						<b>25. WAS DIRECTIONAL SURVEY MADE</b>  	
<b>26. TYPE ELECTRIC AND OTHER LOGS RUN</b>  						<b>27. WAS WELL CORED</b>  	
<b>28. CASING RECORD</b> (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"	
						300 SX	
						657 SX	
						445 SX	
<b>29. LINER RECORD</b>							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT *	
<b>30. TUBING RECORD</b>							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2-3/8"		5788' (TEST)		DO BP @ 6190'			
		8046' (FINAL)		(DHC #1648)			
<b>31. PERFORATION RECORD</b> (Interval, size and number)							
SEE ATTACHED SUMMARY							
<b>32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.</b>							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
<b>33. * PRODUCTION</b>							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump)				WELL STATUS (Producing or shut-in)	
12-24-97		FLOWING				PRODUCING - DHC #1648	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS - OIL RATIO
12-23-97	24 HRS	1/2"		2	1188 MCFPD	30	
FLOW. TUBING PRESS	CASING PRESSURE	CALCULATED 24 - HR RATE	OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY - API (CORR)	
180#	550#		2	1188 MCFPD	30		
<b>34. DISPOSITION OF GAS</b> (Sold, used for fuel, vented, etc.) VENTED						<b>TEST WITNESSED BY</b> GENARO MAEZ w/ FLINT	
<b>35. LIST OF ATTACHMENTS</b> SUMMARY							
<b>36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records</b>							
SIGNED <i>Sylvia Johnson</i>				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	MEAS. DEPTH	TOP 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**  
**(CONT.)**

12/15/97 Release pkr and POOH w/ tbg and pkr. RIH w/ 2-3/8" tbg and 3-7/8" bit. Tag cement @ 5728', drilled cement to 5839'. Tested squeeze to 500 psi.-OK. Cont. in hole to 6188'. Turned hole w/ 1% KCI started POOH w/ tbg and bit.

12/16/97 Finish POOH w/ tbg and bit. RU BJ and run CBL from 6155' to 5200'. Top of cement @ 5730'. RU to perf (MV) @ 5888-90-5905-08-11-14-33-35-39-50-53-56-59-62-79-82-85-88-91-6004-06-11-13-53-58-68-70. With 3-1/8" HSC gun, w/ .32" hole size. Total holes 27. Well went on a vacuum after perf, pumped on well @ 2-1/2 BPM @ 1000 psi.

12/17/97 RU BJ to acidize (MV) pumped 500 gals, 15% HCl acid w/ 41 ball sealers, @ 11 BPM @ 900 psi avg. pressure. Good ball action, well balled off. Max pressure 3000 psi. ISIP 900 psi. RIH w/ wireline junk basket, retrieved 41 balls w/ 27 hits. RU BJ to frac (MV). Fraced (MV) w/ 80,000# of 20/40 AZ sand and 2378 bbls of Slickwater. Avg. rate 42 BPM @ 1800 psi avg. pressure. Max pressure 2100 psi and max. sand conc. 2#/gal. ISIP 350 psi.

12/18/97 RU compressors, blowie lines. RIH w/ 2-3/8" tbg and 3-7/8", RIH to 4979'.

12/19/97 Read to purge system. Started compressors and unloaded well, w/ tbg @ 4979'.

12/22/97 With tbg @ 4979', started drill gas compressors and cont. in hole. Tagged sand @ 6002', and cleaned sand to Hallib. Fas Drill Plug @ 6190'. Cont. to circ. and clean sand, well still making med. to heavy fluid and sand. Pull back up to 5788'.

12/23/97 Tbg. 1250 psi & csg 1250 psi. Blew down tbg & csg, well would not flow. Started compressors & unloaded well. Tested MV formation, thru 1/2" choke. 2-3/8" tbg @ 5788', tbg press 180 psi, csg press 550 psi. MCFPD-1188 w/ 30 bbls water and 2 bbls oil. Test witnessed by Genaro Maez with Flint Well Service.

12/24/97 Cont. to RIH w/ tbg, tagged sand @ 6190'. Drilled up plug @ 6190'.

12/29/97 Csg 1200 psi. Tbg 900 psi. RIH w/ tbg and tagged sand @ 8109'. PBTD @ 8214', pulled tbg up to 5788'. Tbg w/ 1/2" choke. DK test Tbg 340 psi. and csg 700 psi total MCFPD 1056, water 15 bbls and oil 3bbls test witnessed by Genaro Maez w/ Flint.

12/30/97 POOH w/ tbg and RIH w/ mule shoe 2-3/8" tbg. Tagged sand @ 8171', pulled up to 7889'. Well flowing up the tbg w/ no choke tbg 69 psi and csg 670 psi.

12/31/97 RIH and tagged sand @ 8204', PBTD 8214'. Pulled up to 8046'.

01/01/97 Tbg 50 psi, csg 640 psi, flowing up w/ no choke.

01/02/97 RIH to tag for fill, pulled up and land tbg @ 8046' w/ 258 jts of 2-3/8" tbg NDBOP & NUWH. RDMO.

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