

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

COPY

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO. CONT. 105
2. NAME OF OPERATOR CONOCO INC.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS AND TELEPHONE NO. 10 Desta Drive, Ste. 100W Midland, Texas 79705-4500 (915-686-5424)	7. IF UNIT OR CA, AGREEMENT DESIGNATION JICARILLA A
4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description) 2070' FSL, 2055' FWL, UNIT LETTER 'K', SEC. 14, T-26-N, R-04-W	8. WELL NAME AND NO. 9M
	9. API WELL NO. 30-039-25735
	10. FIELD AND POOL, OR EXPLORATORY AREA BLANCO MV/BASIN DAKOTA
	11. COUNTY OR PARISH, STATE RIO ARRIBA COUNTY

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other: <u>Completing MV/DK (DHC)</u> <input type="checkbox"/> Change of Plans <input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

PLEASE SEE ATTACHED SUMMARY

RECEIVED
FEB 25 1998

OIL CON. DIV.
DIST. 3

DOWN HOLE COMINGLE PER ORDER #1648

14. I hereby certify that the foregoing is true and correct

SIGNED Sylvia Johnson

TITLE SYLVIA JOHNSON, As Agent for Conoco Inc. DATE 01-05-97

(This space for Federal or State office use)

APPROVED BY [Signature]

Lands and Mineral Resources

TITLE _____ DATE FEB 23 1998

Conditions of approval, if any:

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.

DHC 1648 (2)

**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 tbg trailers. NUBOP. Test csg and BOP'S to 4000 psi. RIH w/ 3-7/8" bit and 2-3/8" tbg. 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/ tbg 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 perms 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" tbg. 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" tbg. RIH w/ 2-3/8" tbg and 3-7/8" bit. Tagged top of cement @ 5826' and psi.-OK. Cont. in hole and circ. hole clean @ 6190'. POOH w/ tbg 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" tbg 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 tbg, @ 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'.

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% KCl 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.