

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

COPY

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

## 1a. TYPE OF WELL

OIL WELL ☐ GAS WELL ☒ OTHER

## b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ DIFF. RESVR. ☐ OTHER

## 2. NAME OF OPERATOR

CONOCO INC.

## 3. ADDRESS OF OPERATOR

10 Desta Drive, Ste. 100W Midland, Texas 79705-4500 (915) 686-5424

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) \*

At surface 990' FNL &amp; 990' FWL, UNIT LETTER 'D'

At top prod. Interval reported below

At total depth

## 14. PERMIT NO.

## DATE ISSUED

## 5. LEASE DESIGNATION AND SERIAL NO.

SF 078912

## 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## 7. UNIT AGREEMENT NAME

LINDRITH B UNIT

## 8. FARM OR LEASE NAME, WELL NO.

#96

## 9. API WELL NO.

30-039-25723

## 10. FIELD AND POOL, OR WILDCAT

LINDRITH GALLUP-DAKOTA WEST

## 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

SEC. 11, T-24-N, R-03-W

## 12. COUNTY OR PARISH

RIO ARRIBA

## 13. STATE

NM

## 15. DATE SPURRED

03-23-98

## 16. DATE T.D. REACHED

04-10-98

## 17. DATE COMPL. (Ready to prod.)

05-08-98

## 18. ELEV. (DF, RKB, RT, GR, ETC) \*

7112' GL

## 19. ELEV. CASINGHEAD

## 20. TOTAL DEPTH, MD &amp; TVD

8004'

## 21. PLUG, BACK T.D. MD. &amp; TVD

8004'

## 22. IF MULTIPLE COMPL. HOW MANY \*

## 23. INTERVALS DRILLED BY

ROTARY CABLE

TOOLS ☒ TOOLS ☐

## 24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) \*

7434' - 7624' LINDRITH GALLUP-DAKOTA WEST

## 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#	468'	12-1/4"	255 sxs	
5-1/2"	17#	8004'	8-3/4"	1515 sxs	

## 29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT *	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	7432' (FINAL)	OPEN END

## 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 05-08-98		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) FLOWING				WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 05-08-98	HOURS TESTED 24HRS	CHOKE SIZE 1/2"	PROD'N FOR TEST PERIOD →	OIL - BBL 240	GAS - MCF 872 MCFPD	WATER - BBL 0	GAS - OIL RATIO
FLOW. TUBING PRESS 140#	CASING PRESSURE 700#	CALCULATED 24 - HR RATE →	OIL - BBL 240	GAS - MCF 872 MCFPD	WATER - BBL 0	OIL GRAVITY - API (CORR)	

## 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

VENTED

## TEST WITNESSED BY

HARVEY DONALDSON w/BIG A WELL

## 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

Sylvia Johnson

TITLE SYLVIA JOHNSON, As Agent for Conoco Inc. DATE 05/11/98

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
			LINDRITH B #96	Ojo Alamo	2836	
				Kirtland/Fruitland	2954	
				Pictured Cliffs	3176	
				Lewis	3265	
				Huerfaniao Bentonite	3576	
				Chacra	4080	
				Cliffhouse	4875	
				Menefee	4888	
				Point Lookout	5344	
				Mancos	5735	
				Gallup	6480	
				Sonostee	7038	
				Greenhorn	7335	
				Ganeros	7399	
				Dakota	7433	
				Dakota D	7588	

Y902

CONOCO, INC.  
**LINDRITH B #96**  
SEC. 11, T24N - R03W, UNIT LETTER 'D'  
990' FNL & 990' FWL

COPY

- 04/16/98 MIRU, NDWH, NUBOP (5000# BOP) RU floor. RIH w/ drill bit, csg scraper for csg & tbg. Tally, drift, 93 jts, tag cement @ 3100' RU swivel and circ. equipment. DO cement an DV tool (3108') RIH w/ bit an scraper to 4000'.
- 04/17/98 RIH, tag cement @ 6304 (125' of cement on top of 2<sup>nd</sup> DV tool) DO cement an DV tool, RIH to PBTD @ 7955', DO float collar, DO to depth of 7990', PU tbg to 7900'.
- 04/20/98 Circ. hole w/180 bbls of 2% KCl, RU pump truck, press test csg to 4500#, csg tested OK. RU swab, swab fluid level down to 6900', swab back 130 bbls 2% KCl.
- 04/21/98 POOH w/249 jts of tbg 5 drill collars, change over, scraper an bit. MIRU, RIH w/ GR/CCL, log well from PBTD to 7000' POOH w/ logging tool. RIH w/ perf gun, made 2 runs, first run 7938'-7951', 4SPF, 52 shots, 2<sup>nd</sup> run 7925'-7938', 4 SPF, 52 shots, total shots 104, 120 degree phasing. Fluid level up 1000/ between runs. RD WL. RIH w/pkr. To 7951' 252 jts. RU pump truck. Spot 250 gals acetic acid (6 bbls) 44 bbls flush, well on vacuum, PU tbg to 7873', set pkr. Test lines to 5500#. Pump in break point 1600# ISIP 1000# break down perf w/500 gals of acetic acid 50 bbls flush, avg. press was 2000# avg. inj. Rate 5 BPM ISDP 1200# Final SI press 600# in 5 min. RD pump truck. RU swab, swab well, recovered 68 bbls of H2O, int. fluid level 180' swab down to 2500'.
- 04/22/98 RU swab, int. fluid level @ 800' swab 5 hrs. recovered 130 bbls H2O fluid level 1700'. RIH w/ swab fluid level back up to 800', recovered 100 bbls of H2O. NO SIGNS OF OIL OR GAS. Total fluid recovered 300 bbls of H2O. RD swab release pkr an POOH w/252 jts of 2-7/8" tbg and 5-1/2" pkr.
- 04/23/98 RU WL, RIH w/ CIBP, set plug @ 7920', POOH, RD WL, RIH w/ SN and tbg to 7900'. RU swab tools, swab down fluid in csg to 6900', RD, POOH w/ tbg an SN. RU WL, RIH w/ perf gun, perf well from 7898'-7908', 4 spf, 120 degree phasing. 40 shots total. ROOH w/ WL, RD WL, RIH w/ treating pkr and tbg to 790' 250 jts.
- 04/24/98 RU acid pump truck, start on water, est. break point @ 3100# spot 250 gals acetic acid to bottom of tbg POOH with one stand of tbg 7855', set pkr, break down perfs w/ 500 gals of acetic acid, treating press avg. 2600# 6BPM. ISDP 300# Final SI press 100# in 5 min. RD pump truck. RU to swab, start swabbing, swab back 200 bbls of water. Int. fluid level was 300' from surface, final fluid level was 600'.
- 04/25/98 Int. fluid level 300', swab back 300 bbls of H2O, no traces of oil or gas, final fluid level 650'. Release pkr POOH w/2-7/8" tbg an 5-1/2" pkr. (7855').
- 04/27/98 RIH w/CIBP for csg to 7888' set plug. POOH w/ WL. RIH w/ dump bailer, bail 10' of cement on top of CIBP. POOH w/ WL. RIH w/ tbg to 7800'. RU to swab csg to 6800'. RD swab tools. POOH, RU WL, RIH w/ perf gun, perf well from 7812'-7821' 4 SPF 120 degree phasing. 36 shot total. POOH w/ perf gun. RIH w/ treating pkr an 246 jts of 2-7/8" tbg to 7823'.
- 04/28/98 Load hole w/122 bbls of 2% KCl, spot 50 gals acetic acid. POOH w/2 jts of tbg. Set pkr @ 7760'. Pump into well, break point 2000#. Break down perfs w/17 bbls of acetic acid, avg. inj. Press 1800# @ 6BPM ISDP 1200# Final SI press 800#. RD pump truck, open tbg to rig pit. Well flowed to pit for 2 hrs., flowed 18 bbls of H2O. RU swab tools, fluid level @ surface, swab back 98 bbls, of H2O, Fluid down to 6700'. NO SIGNS OF OIL OR GAS!!
- 04/29/98 Int. fluid level 600' swab back 38 bbls, fluid level @ 6800', no oil or gas. Total fluid recovered today 65 bbls, all H2O. RD swab, Release pkr an POOH w/ tbg and pkr.
- 04/30/98 RU WL, RIH, set at 7800', POOH w/ setting tool. RIH w/ dump bailer, spot 10' of cement on top of CIBP. POOH w/ bailer, RIH w/ perf gun, perf well from 7608'-7624', (bottom 16') 32 shots/2SPF, 120 degree phasing. POOH w/ perf gun. RU pump truck, load hole w/37 bbls, broke down perfs, break point 1900#

6BPM/1700# avg. 1100# ISDP. RD pump truck, RIH w/ perf gun, perf well from 7588'-7608' (top 20') 20', 40 shots. POOH, RU pump truck, est. rate, 8BPM/1500# ball off perfs w/ 17 bbls of 7-½% HCl and drop 111-1.3 ball sealers. Avg. treating press 1600#/6 BPM ISDP 1000# Final SI press 600#. Good Ball action, ball well off 4500#, RD pump truck, RU WL, RIH w/ junk basket, recovered 109 ball. 72 balls had hit marks.

- 05/02/98 Press test lines to 5500# frac DK "D", pad used, Gel/spectra frac 3000, 2% KCl, base fluid vol. 63840 gals prop type 20/40 Ottawa 75000# an 20/40 SDC 30000# total 105000# treating press avg. was 1900# avg. inj. Press was 30BPM, ISDP 2100# final SI press 15 mins. 1630#. RIH w/ fast drill plug, to 7500' set plug. POOH, test plug to 4500#, plug tested OK. RIH w/ perf gun, perf DK "A" 7434'-7440', & 7443'-7447', 2SPF 120 degree phasing 20 shots total. POOH, press test lines to 5500#, tried to break down perfs w/H2O, could not, RIH w/ dump bailer to 7447', spot 15 gals of 15% HCl across bottom section of perfs. (7443'-7447') POOH, Break point 3200#, ball out perfs w/ 18 bbls 7-½% HCl 8BPM/2462# drop 33 ball sealers 1.1 sg good ball action, ball perfs off. RIH w/ junk basket, POOH, recovered 33 balls, 20 balls had hits on them. Frac well, pad used spectra frac 3000, base fluid type was 2% KCl 56700 gals prop type was sand, 68320# 20/40 Ottawa and 25740# 20/40 SDC, total 94060#, avg. treating press 2500#, avg. inj. Press 30 BPM ISDP 2350# final SI press in 15 mins. 1720#.
- 05/03/98 Well flowed, then back 41 bbls of H2O. RIH tbg, tag fill sand @ 7320', CO fill to 7380', POOH, CO tbg an bailer, lot of trap gas between sand bridges in tbg. SWI, made 2<sup>nd</sup> bailer run, open well to trip in bailer, had 2 stand an bailer in hole when well came in. Had to pull out of hole w/ tbg an bailer, Open well to rig pit, made 25 bbls of H2O to pit. Well started to make oil, switch well to flow back tank, well flow to tank from 3:30 p.m., still flowing @ 8pm. Well made 6' of fluids to flow back tank. (200bbls) well making lots of gas also, keeping tank mix up. Install ½" choke on line to tank @ 8pm.
- 05/04/98 Well flowing up csg to flow back tank. ½" choke on line to tank. Well flow rate 560 MCF to tank .160 bbls of oil and 250 bbls of H2O. Remove choke, well flowing to tank, well tried to LO. Try to RIH w/ bailer an tbg ran in 2 stands well kick off, left well flowing to tank. 3pm well still flowing @ 2:30 p.m. avg. oil 9 bbls per hr/ very little H2O.
- 05/05/98 RIH bailer and tbg. Ran thru 3 different sand bridges in csg well started to flow after going thru them, tag sand @ 7440', CO to 7489', left 11' of sand on top of plug POOH w/ tbg and bailer. CO tbg, RIH w/ SN and tbg to 7432', land tbg. RD BOP, RUWH, Well flowed 79 bbls of oil while we CO tbg and Land it.
- 05/08/98 Unload well to tank, csg press down to 700#, well turn on to prod an 1<sup>st</sup> delivered.
- 05/10/98 Csg press 650#, TP 120# well flowing, made 200 bbls of oil and 350 MCFPD/24 hrs.
- 05/11/98 RDMO.