

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

PLEASE DESIGNATION AND SERIAL NO.

M SF 077106

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

99 JUN 28

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

AM 11:00

1a. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER ☐

b. TYPE OF COMPLETION:

NEW

WORK

DEEP-

DIFF.

WELL ☐

OVER ☐

EN ☐

RESVR. ☒

OTHER ☐

7. UNIT AGREEMENT NAME

Lackey B LS

8. FARM OR LEASE NAME, WELL NO.

Lackey B LS #15

2. NAME OF OPERATOR

CONOCO INC.

9. API WELL NO.

30-045-07238

3. ADDRESS OF OPERATOR

10 Desta Drive, Ste. 100W Midland, Texas 79705-4500

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 330' FNL & 1715' FEL, UNIT LETTER "B"

At top prod. Interval reported below

At total depth

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

Sec. 29, T28N-R9W

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

San Juan County

13. STATE

NM

15. DATE SPUDDED

5-6-61

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

6-16-99

18. ELEV. OF, RKB, RT, GR, ETC) *

5972 DF

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6737'

21. PLUG, BACK T.D. MD. & TVD

2164'

22. IF MULTIPLE COMPL. HQW.MANY.

23. INTERVALS DRILLED BY

ROTARY

CABLE

TOOLS ☒

TOOLS ☐

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

2026' - 2120' Basin Fruitland Coal

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

(2) Cement Bond Logs and Gas Spectrum Log.

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#	291'	12 1/2"	320 sxs	
4 1/2"	23#	6736'	6 1/4"	500 sxs	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT *	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	2049'	

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		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump)				WELL STATUS (Producing or shut-in)	
6-16-99		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS - OIL RATIO
6-16-99	24 hrs	1/4"		0	37 MCFPD	3	
FLOW. TUBING PRESS	CASING PRESSURE	CALCULATED 24 - HR RATE	OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY - API (CORR)	
25#	100#		0	37 MCFPD			

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

V

TEST WITNESSED BY

Cliff Cope w/Key Energy

35. LIST OF ATTACHMENTS

Summary

JUL 19 1999

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Verla Johnson

TITLE VERLA JOHNSON, As Agent for Conoco Inc. DATE 6-24-99

FARMINGTON FIELD OFFICE BY

NMOCD

[illegible]

CONOCO INC.
LACKEY B LS #15
API #30-045-07238
330' FNL & 1715' FEL, UNIT LETTER "B"
Sec. 29, T28N-R9W

6/8/99 MI w/ rig. **Notified BLM (Jim Lovato) of intent to put CIBP & 50' Cmt plug over DK zone.**

6/9/99 MI. RU. Csg=600#. Tbg=270#. Bled well down, kill well. NDWH NUBOP. POOH w/ 214 Jts 2-3/8", EUE, 4.7#, J55 tbg, tallying, standing back 110 Jts & LD 104 Jts. MI RU BlueJet Perforators. RIH to set CIBP @ 6450' KB. POOH w/wireline. Load hole & press test to 300#. Holds OK. PU wireline dump bailer made to runs to spot 50' class B, 15.5# cmt on top of CIBP. TOC @ 6400'. POOH w/dump bailer. RIH w/ CBL/GR to log 3420' to 1588'. Bond Log indicates need for squeeze. **Notified BLM (Jim Lovato) of intent to do Block squeezes to isolate for (FC) frac. Got verbal approval.**

6/10/99 PU 4-1/2" CS RIH w/ tbg to 2170' POOH standing back. LD CS. PU Hali. RBP & RTTS Pkr, RIH to set RBP @ 2150'. POOH to set RTTS Pkr @ 1844'. Press test Csg to 2000#. Holds OK. MI RU BlueJet. PU CIBP RIH w/ wireline. Could not get below 1700'. POOH, LD CIBP & Setting head. PU 4-1/2" junk basket, RIH w/ wireline. Chased obstruction to 2290'. POOH. PU CIBP RIH to set CIBP @ 2268'. POOH. PU 3-1/8" perf gun w/ 2- shots RIH to shoot 2 perf holes @ 2140. POOH. RD BlueJet. PU Hali. Cmt Retainer. RIH w/ tbg to set CR @ 2100'. MI RU BJ. MI RU BJ Pumped Cmt squeeze as follows: Establish inj rate 2-1/2 bpm @ 500#. Pumped 300 sx class B cmt w/cac12. Avg 1 bpm @ 650#. Squeezed up to 1848# @ shut down. Press dropped back to 1300# & looked like it would hold. RD BJ. Sting out of CR, POOH w/ tbg, standing back. LD Hali tools

6/11/99 PU Baker "Metal Muncher" mill. RIH w/ tbg to tag Cmt @ 1950'. Drilled out to CR @ 2100'. Drilled out CR. Drilled out cmt to 2164'. POOH w/ tbg standing back. LD mill. MI RU BlueJet. Ran CBL log 2163' to 1800'. Found good cmt 2144' to 2024'. Press. csg to 500#, re-ran CBL. Still shows poor cmt bond above 2024'. PU 3-1/8" perf gun w/ 2 shots RIH w/ wireline to shoot 2 squeeze holes @ 2020'. POOH release BlueJet. **Notified BLM (Jim Lovato) of intent to do 2nd squeeze to isolate (FC) zone for frac.**

6/12/99 PU 4-1/2' Cmt Ret. RIH w/ tbg to set CR @ 2002'. MI RU BJ. Pump 4 bbls wtr to breakdown & est rate 1-1/2 bpm @ 1150#. Pumped 50sx Class B Cmt w/ cac1 on the side. Avg 1-1/2 bpm @ 1160#. Displaced w/ 7.7 bbls. SD @ 1100#.

6/13/99 PU 4 Drill collars & rock bit. RIH w/ tbg to tag Cmt @ 1932'. Drill out to 2002' Drill out CR. Drill & clean out to 2162'. Circ hole clean. POOH w/ tbg. LD DC's & bit.

6/14/99 MI RU BlueJet. Made 2 gun runs w/ 3-18" gun w/ .32" shots to perf FC zone 2026'-42, 2054'-68', -2112'- 20', 1 spf, Total 41 shots. RD BlueJet. PU 4-1/2" Hali. RTTS Pkr RIH w/ 2-7/8" frac string to set Pkr @ 1909'. MI RU BJ. Pump 15 bbl wtr @ 15 bpm to breakdown @ 2150#. ISIP 350#. Pumped 800 gal 15% HCL acid @ 9 bpm. Pumped N2 foam frac 2000 gal pad, 10000 gal 1# stg, 10000 gal 2# stg, 13000 gal 3# stg, and screened out. No flush. MinTP=2650#, MaxTP=5000#, AvgTP=3600#. Inj rate avg=9.2 bpm. RD BJ. Open well to flow back Thru 1/2" choke. Drywatched overnight.

6/15/99 Ftbgs= 10# against 1/2" choke= 66 Mcf/d. Kill well. ND flow equip. Release Pkr, POOH w/ 61 jt 2-7/8", N-80 frac tbg, Laying down. RU to handle 2-3/8" tbg. PU muleshoe collar, SN, & RIH w/ 2-3/8", EUE, 4.7#. 8rd, Tbg. to tag @ 2127'. MIRU BJ N2. C/O to 2164' w/N2 & soap sweeps. RD BJ. RU flow equip. Let well flow back overnight, w/ drywatch.

6/16/99 Blow down & kill well. MI RU BJ N2. RIH w/ tbg to tag @ 2155. C/O to PBTD @ 2164'. POOH to 2048'. NU flow back line. Turn well around w/ N2. RD BJ. Flow well back until stabilized. Got flow test as follows: Csg=100#, Ftbgs=25# against 1/4" choke = 37 Mcf/d & 3 BWPD. Landed 2-3/8", EUE, 4.7#, 8rd, J55 tbg w 66 Jts. Muleshoe collar & SN on Btm. ND BOP. NU WH. RD MO.