

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

RECEIVED
31M

5. LEASE DESIGNATION AND SERIAL NO.
SE 078204A NM03998

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
TRIEB FEDERAL COM

8. FARM OR LEASE NAME, WELL NO.
#2

9. API WELL NO.
30-045-08947

10. FIELD AND POOL, OR WILDCAT
BLANCO MESA VERDE

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
0 SEC. 33, T-30-N, R-10-W

12. COUNTY OR PARISH
SAN JUAN

13. STATE
NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐ **070 FARMINGTON, NM**

b. TYPE OF COMPLETION:
NEW WORK ☐ DEEP-EN ☐ DIFF. RESVR. ☒ OTHER ☐
WELL ☐ OVER ☒

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 **1190' FSL & 1850' FEL, UNIT LETTER "O15"**
At top prod. Interval reported below
At total depth

14. PERMIT NO.
DATE ISSUED

15. DATE SPUNDED
06-24-62

16. DATE T.D. REACHED
01-10-98

17. DATE COMPL. (Ready to prod.)
01-11-98

18. ELEV. (DF, RKB, RT, GR, ETC) *
6030

19. ELEV. CASING HEAD
7055'

20. TOTAL DEPTH, MD & TVD
7024'

21. PLUG, BACK T.D. MD. & TVD
7024'

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) *
4164' - 4838' BLANCO MESA VERDE

25. WAS DIRECTIONAL SURVEY MADE

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" 32.3# 242' 11" 200 SX

5-1/2" 15.5# 7055' 7" 250 SX

29. LINER RECORD

SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT * SCREEN (MD)

30. TUBING RECORD

SIZE DEPTH SET (MD) PACKER SET (MD)

2-3/8" 4680' (TEST) DO BP @ 5030'

6845' (FINAL)

31. PERFORATION RECORD (Interval, size and number)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

RECEIVED
FEB 24 1998
OIL CON. DIV.

SEE ATTACHED SUMMARY

33. * DATE FIRST PRODUCTION
01-11-98

PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump)
FLOWING

WELL STATUS (Producing or shut-in)
PRODUCING

DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N FOR TEST PERIOD OIL - BBL GAS - MCF WATER - BBL GAS - OIL RATIO

01-10-98 24 HRS 1/2" 0 620 MCF 2

FLOW. TUBING PRESS CASING PRESSURE CALCULATED 24 - HR RATE OIL - BBL GAS - MCF WATER - BBL OIL GRAVITY - API (CORR)

100# 260# 0 620 MCF 2

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

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, ASST. DIST. OFFICER**

ACCEPTED FOR RECORD

FEB 20 1998

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 pressure, and recoveries)				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
			TRIEB FEDERAL COM #2	Cretaceous Undiff. Pictured Cliffs - 2456 Lewis - 2578 Mesa Verde - 4030 Mancos Shale - 4843 Gallup - 5980 Mancos - 6400 Greenhorn - 6713 Graneros - 6770 Dakota - 6901 - 7055	2456 2578 4030 4843 5980 6400 6713 6770 6901 7055	

CONOCO INC.
TRIEB FEDERAL COM #2
API # 30-045-08947
SEC. 33 - T30N - R10W UNIT LETTER "O15"
1190' FSL - 1650' FEL

12/11/97 MIRU. Blow well down to rig pit. ND plunger lift tree. NU BOP. Pull tbg hanger.

12/12/97 POOH w/ 223 jts 2-3/8" tbg, SN & NC. LO 1 bent jt & 1 jt w/ DH plunger lift spring assy stuck in same. RIH w/ 2-3/8" tbg & tag fill @ 6966'. POOH. RU BJ. RIH w/ 5- 1/2" FS BP & set same @ 4853'. POOH. Load wellbore w/ 80 bbls. 1% KCl water. Test BP w/ 500 PSI, leaked off to 300 PSI. Press up to 1000 PSI, press leaked off to 500 PSI. Est. injection rate @ 1-3/4" BPM/1330 PSI. RIH w/CBL/VDL/GR/CCL & log f/4847' to 3100'. POOH.

12/13/97 PU 5-1/5" pkr & RIH on 2-3/8" tbg to 2542'. Load well w/1% KCl water by circ. down tbg. Set pkr @ 2542'. Press test down tbg, not test. Press test csg/tbg annulus to 1000 PSI in 500 PSI increments, OK. Rel pkr, RIH to 3781' & set pkr. PT down tbg, not test. PT csg/tbg annulus to 1000 PSI in 500 PSI increments, OK. Rel pkr, RIH & set pkr @ 4700'. PT down tbg to 2000 PSI in 500 PSI increments, csg & BP tested OK. PT csg/tbg annulus, not test. Set pkr @ various depths to locate leak, no success. Set pkr @ 3781', not test. Found 2" valve on THS leaking, replaced same. Chase down csg leak w/ pkr. Found two csg leaks: 3718 to 3734' and 4454' to 4470'. Csg leak @ 3718' to 3734', press would bleed down f/1000 PSI to 650 PSI in 5 min. & stabilize. Csg leak @ 4454' to 4470' would not press up. Ext. injection rate @ 4454' to 4470': 1-1/2 BPM/850 PSI. POOH & LD pkr.

12/16/97 RU BJ & RIH w/ squeeze perf gun. Perf @ 4684' & 4466' w/ 2 JSPF Total: 4 shots. POOH & RD BJ. RU 5-1/2" cmt retainer & setting tool. RIH on 2-3/8" tbg. Set retainer @ 4525'. RU BJ cmt iron. Pump 59 bbls. 1% KCl to est. behind csg circ for suicide squeeze. Formation broke @ 700 PSI. Pump 50 SX class B cmt w/ 0.5% FL-52 & 25 SX class B cmt w/ 2% CaCl2. Underdisplace w/ 17 bbls. 1% KCl water @ 1 BPM/200 PSI. Sting out of retainer, RD cmt line, POOH to 4481' & rev circ tbg clean. Spot 25 SX Class B w/ 0.5% FL-52 f/4481' to 4241'. Underdiplace w/ 16.5 bbls. 1% KCl. Let remaining displacement (1.5 bbls) gravitate to displace cmt. Total displacement 18 bbls. (1.5 bbls over calculate 16.5 bbls). POOH to 4266' & reverse circ tbg clean, only RC cmt tainted water. Pump 1 bbls 1% KCl water to squeeze cmt. POOH to 3746'.

12/17/97 Attempt to load hole w/20 bbls 1% KCl water & press test cmt squeeze @ 4466', no success. POOH w/ 2-3/8" tbg & LD cmt retainer stinger. Change pipe rams to 2-7/8". RIH. Tally, rabbit, PU & RIH w/ 2-7/8" workstring. Tag cmt @ 4480'. No cmt left in csg from 25 SX cmt plug spot. POOH.

12/18/97 RIH to 4209' on 2-3/8" tbg. RU BJ. Load hole w/ 53 bbls. 1% KCl water down tbg. Set pkr @ 4209'. RU cmt line. Press test to 2500 psi, OK. Load annulus w/2 bbls 1% KCl water and press up to 600 psi. Pump 4 bbls. 1% KCl water for injection rate/ press: 1 BPM @ 4 psi. Mix & pump 50 sx Class B cmt w/0.5% F-52 (1.18 CF/sx, 15.6 PPG) and 25 sx class B neat w/2% CaCl2 (1.18 CF/sx, 15.6 PPG). Displaced cmt w/17.5 bbls. 1% KCl water. Csg leak 4454'-4470' & perfs (2) @ 4466'. Pressure 200psi final squeeze press: 1500psi. recovered 1/4 bbls. calc. TOC @ 4398' press to 200 psi rev. circ. tbg clean. POOH & LD pkr. RIH w/2-3/8" OE tbg to 3747'. Press test cmt line to 1500 psi, OK. Pump 5 bbls. 1% KCl water, mix & pump 15 sx Class B w/0.5% F-52 (1.18 CF/sx, 15.6 PPG) & displaced w/13.5 bbls 1% KCl water. POOH to 3499' rev circ. tbg clean. squeeze csg leak @ 3718'-3734' w/2bbls 1% KCl water. Squeeze press: 750 psi, Final pressure: 900 psi, recovered 1/2 bbls calc TOC @ 3705'. POOH w/5 stands.

12/19/97 POOH w/2-3/8" tbg. ND BOP & lift same. Install new tbg hanger. NU BOP change out rams to 2-7/8". RIH w/4-3/4" bit, tag cmt @ 3495'. Break circ. w/ 1% KCl water. Press test squeeze to 540 psi. DO cmt f/3495' to 3625' circ. clean. RIH & tag cmt @ 4175'. POOH.

12/20/97 RIH w/5-1/2" pkr on 2-7/8" workstring, tag & confirm TOC @ 4175'. POOH to 3420' & set pkr. PT down tbg, 800 psi-450. RIH & located csg leak of 800 psi-450 psi @ 4052'-4067'. POOH to 3107'. Set pkr & PT Backside to 800 psi, OK. RIH & locate 2nd csg lean @ 3107'-3125'. POOH & LD pkr. RIH w/2-7/8" OE tbg to 4075'. Break circ. w/1% KCl water, mix/pump 17sx Class B neat cmt (1.18 CF/sx, 15.6 PPG) & displace w/22 bbls 1% KCl water for balanced cmt plug from 4075' - 3850'. POOH to 3138' & rev. circ. tbg clean w/1% KCl water. Mix/pump 14 sx Class B Neat cmt (1.18 CF/sx, 15.6 PPG) & displaced w/16.5 bbls 1% KCl water for balanced cmt plug from 3138' - 2945'. POOH to 2890', PT cmt line to 1500 psi, OK. Press up on cmt w/800 psi. rel pressure. Total pressure: 1.5 bbls.

12/22/97 Circ. well w/ csg vol. 1% KCl water. Press test csg & cmt to 500 psi fpr 10 min, OK. POOH, RIH. Tag cmt @ 3034'. DO cmt from 3034' - 3160'. Rev. circ. well clean. Press test csg & cmt to 500 psi. RIH & tag cmt @ 3908'. DO cmt from 3908' - 4003'.

12/23/97 DO cmt from 4003'-4454'. Rev circ. well clean w/1% KCl water. Press test csg & squeeze to 500 psi. RIH. DO cmt from 4175'-4454'.

12/29/97 DO cmt retainer @ 4525'. DO cmt from 4525'-4585'. NU blewey tee. Cont. DO cmt from 4585'-4645'.

12/31/97 RIH & set pkr @ 4698'. Load backside w/1% KCl water, press up w/200 psi. NU frac valve. Press test frac lines to 5500 psi. Breakdown Point Lookout perms w/28 bbls. 1% KCl water, 12 bbls. 15% HCl (releasing 32 frac balls in stages) & 66 bbls. 1% KCl water. ISIP: 160 psi. Rel pkr @ 4698' & RIH to 4853', POOH to 4698' & set pkr. Load backside w/1% KCl water, press up w/200 psi. Press test lines to 5500 psi. Frac Point Lookout perms as follows: 190 bbls. Gelled 1% KCl water @ 25 bpm/3800 psi, 200 bbls. Gelled 1% KCl water w/1 PPG 20/40 sand @ 28 bpm/3750 psi, 518 bbls. Gelled 1% KCl water w/2 PPG 20/40 sand @ 28.5 BPM/3650 psi, 180 bbls. Gelled 1% KCl water w/3 PPG 20/40 sand @ 28.5 bpm/4000 psi, 51 bbls. Gelled 1% KCl water w/3 PPG SDC sand @ 28 bpm/3600 psi & 28 bbls. Gelled 1% KCl water @ 28-0 bpm/2600-300 psi ISIP: 300 psi., 5 min. ISIP: 110 psi & 10min ISIP: 0 psi. Avg.: 28bpm/2800 psi. Bled off press. Rel pkr @ 4698' & POOH. RIH BP & set same @ 4720'. POOH. Load wellbore w/40 bbls 1% KCl water & press test BP w/500 psi, OK. RIH Perf w/1JSPF @ 4684'. POOH. Perf w/ 1 JSPF @ 4676'. POOH. RIH & perf w/1 JSPF @ 4674-70-62-4577-73-67-64-16-4478-66-62-59-49-47-30-28-24. Total Menefee perms: 19 shots. POOH. RIH w/ 5-1/2" on 2-7/8" tbg. Set same @ 4180'.

01/02/98 Load backside w/1% KCl water, press up w/200 psi. Press test lines to 5000 psi, OK. Menefee perms as follows: pump 30 bbls. 1% KCl water @ 8 bpm (formation broke @ 1400 psi), 12 bbls. 15% HCl @ 8 bpm (rel 30 frac balls in stages) & displaced w/50 bbls. 1% KCl water @ 8 - 0 bpm. ISIP: 800 psi. well died. RIH to 4720', knocking off frac balls. POOH to 4180' & set pkr. Load backside w/1% KCl water, press up to 200 psi. Press test line to 5000 psi, OK. Frac Menefee as follows: 190 bbls. gelled 1% KCl water pad @ 30 bpm/3740 psi, 199 bbls gelled 1% KCl water w/1 PPG 20/40 sand @ 20 bpm/3600 psi, 390 bbls. gelled 1% KCl water w/2ppg 20 40 sand @ 29 bpm/3900 psi, 218 bbls. Gelled 1% KCl water w/3 PPG 20/40 sand @ 29.5 bpm/4000 psi, 105 bbls. Gelled 1% KCl water w/ 3ppg SDC sand @ 29.5 bpm/4100 psi & 29 bbls. gelled 1% KCl water flush @ 29.5 - 0 bpm/4100 - 1200 psi. Avg. treatment: 29bpm/3800 psi ISIP: 1200 psi, 5 min: 1140 psi, 10 min: 1115 psi & 15 min 1115 psi.

01/05/98 Rel pkr @ 4180'. POOH w/2-7/8" tbg & pkr sideways. RIH w/11 stand 2-7/8" tbg & POOH sideways. RIH on 2-3/8" tbg to 4100' circ well w/drill gas @ 1900' & 4100'.

01/06 - 01/09/98 POOH to 3550'. RIH to 4710', tagged up. CO fill to 4720' (BP) & DO same. RIH to 4830', tagged up. CO fill from 4830' - 4853' (BP). pump 5 bbls. 1% KCl sweep. POOH & LD. Pump 20 bbls 1% KCl water to kill well. RIH NC & SN on 2-3/8" tbg to 4680'.

01/10/98 Test on 1/2" choke thru 2" flowline to atmosphere @ TP: 100 psi & CP: 260 psi, flow rate : 620 MCFGPD, 0 BOPD & 2 BWPD. Witnessed by Sean Duff/Barry Diefenbach-Big A well Service. Blow down well, 2-3/8" tbg to 4830', tagged up. CO fill from 4830'-4853'(BP) DO BOP. RIH to 5030', tbg press 1200 psi, normal press 300-500 psi. POOH to 4870'. Wash down to 4900' & pump 5 bbls 1% KCl sweep. Recovered BP pieces, frac sand & water. PU from 4900' to 4870' & RIH to 4870'. TP, 1000 psi, normal TP 300-500 psi. POOH to 4144'.

01/12/98 SPP increased to 1000 psi. POOH. RIH, 1 stand 2-3/8" tbg, string float & 2-3/8" tbg. Tagged up @ 4945'. CO to 5030 1% KCl water, sweeping wellbore w/5 bbls. 1% KCl soapy water @ every connection. DO remainder of BP @ 5030'. Cont. RIH to 6966', tagged up. CO from 6966' to 7024' (PBD). POOH to 4126'.

01/13/98 RIH w/NC, SN & 217 jts 2-3/8". 4.7 ppf, J-55 8RD EUE tbg. MU tbg hanger & RIH. Land EOT @ 6759', SN @ 6758'. ND blewey tee & BOPE.

01/14/98 MIRU. Blow well down, tbg hanger 1-1/4" 10rd NU, not 2-3/8" 8RD EUE. Hot-shot out 1-1/4" x 2-3/8" swage. MU same to tbg hanger.

01/15/98 Blow well down, tbg hanger is 1.66", 2.33 ppf IJ. Land tbg hanger & rel spear. NU BOP & change rams to 1.66". Engage tbg hanger w/ 1-3/8" spear & POOH w/spear, tbg hanger, 211 jts of 1.66", 2.33 ppf, IJ tbg & SN sideways. Change pipe rams to 2-3/8". PU & RIH w/MS, SN & 76 jts 2-3/8", 4.7 ppf, J-55, 8RD EUE tbg.

01/16/98 PU & RIH w/ 2-3/8", 4/7 ppf, J-55 8RD EUE tbg. Tagged up @ 6941' KB. POOH w/ excess tbg sideways. Production string ran: 217 jts 2-3/8", 4.7 ppf, J-55, 8RD EUE tbg, 2-3/8" SN (ID: 1.78") & 2-3/8" muleshoe collar w/EOT 2 6846' & SN @ 6845'. ND BOP. RDMO.

******FACSIMILE TRANSMITTAL COVER SHEET******

**TRIGON ENGINEERING, INC.
4100 E MAIN STREET
FARMINGTON, NEW MEXICO 87402
PHONE: (505) 325-1266
FAX: (505) 325-1745**

DATE: February 19, 1998

TO COMPANY: Bureau of Land Management

ATTENTION OF: Wayne Townsend

FAX NUMBER: 599-8997

FROM: Sylvia Johnson

JOB NO: 1142-A

NUMBER OF PAGES INCLUDING COVER SHEET: 1

COMMENTS: *Federal #10E - Perfs were 4164' - 4745' Blanco Mesa Verde*

Trieb Federal Com #2 - Point Lookout perfs: 4733' - 4838' on 12/31/97

**IF YOU HAVE PROBLEMS WITH THIS TRANSMISSION, PLEASE CONTACT
Jon/Miranda/Sylvia @ (505) 325-1266.**