

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE *
(See other in-
structions on
reverse side)

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

RECEIVED
BLM

97 JUL 30 PM 4:07

070 FARMINGTON NM
COPY

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

b. TYPE OF COMPLETION:

NEW

WORK

DEEP-

DIFF.

WELL ☐

OVER ☒

EN ☐

RESVR. ☒

OTHER

2. NAME OF OPERATOR

CONOCO INC.

3. ADDRESS OF OPERATOR

10 DESTA DRIVE, STE. 100W, MIDLAND, TX 79705 (915) 686-5424

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

At surface 1012' FSL - 1600' FWL, UNIT 'E' LETTER 'N'

At top prod. Interval reported below

At total depth

5. LEASE DESIGNATION AND SERIAL NO.

NM 019410

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

BRUINGTON #15

9. API WELL NO.

30-045-09452

10. FIELD AND POOL, OR WILDCAT

BLANCO MESA VERDE 72319

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

✓ SEC 15, T30N-R11W

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

SAN JUAN

13. STATE

NM

15. DATE SPURRED

11-29-63

16. DATE T.D. REACHED

12-12-63

17. DATE COMPL. (Ready to prod.)

03-11-97

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

5823'GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6881'

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

4960' (TEMP. PKR)

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) *

4171' - 4785' MV

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#	249'	13-3/4"	250 SKS	
5-1/2"	15.5#	6894' 6880	7-7/8"	205 SKS 380	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT *	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKET SET (MD)
						6749' (FINAL)	
					2-3/8	4478' (TEST)	

31. PERFORATION RECORD (Interval, size and number)

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

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

SEE ATTACHED SHEET

RECEIVED
AUG 1 2 1997

33. * PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump)

DATE FIRST PRODUCTION

03-11-97

PRODUCTION METHOD
FLOWING
OIL COIL DIV
DIST. 3

WELL STATUS (Producing or shut-in)

DATE OF TEST

03-10-97

HOURS TESTED

24 HRS

CHOKE SIZE

1/2"

PROD'N FOR TEST PERIOD

1

GAS - MCF

750

WATER - BBL

5

GAS - OIL RATIO

FLOW. TUBING PRESS

150#

CASING PRESSURE

300#

CALCULATED 24 - HR RATE

OIL - BBL

1

GAS - MCF

750

WATER - BBL

5

OIL GRAVITY - API (CORR)

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

FLARED

TEST WITNESSED BY

ACCEPTED FOR RECORD

35. LIST OF ATTACHMENTS

STIMULATION SUMMARY

AUG 07 1997

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

SIGNED

Debra Bemenderfer

TITLE DEBRA BEMENDERFER, As Authorized Representative

FARMINGTON DISTRICT OFFICE

NMOCN

CONOCO INC.
BRUINGTON #15
API # 30-045-09452

COPY

N15-T30N-R11W, San Juan County, New Mexico
Mesa Verde Stimulation Summary

2/18/97 MIRU

160# CSG BD TBG TO RIG PIT, NDWH, NUBOP, POOH W/2-3/8" TBG & TALLY, TIH W/HBTON RBP & PKR SET RBP @ 4960' TEST PLUG TO 1000# OK TEST CSG TO 1000# OK, REL PKR & POOH, SPOT 2 SXS SAND ON RBP.

RU SCHLUMBERGER TO RUN CBL/GR LOG FROM 4900' TO 2000' NO CMT TO 2000', SHOOT SQZ HOLES @ 4900' 4 SPF RD WIRELINE, PUMP 240 BBLs H2O ATTEMPT TO CIRC TO SURF FROM 4900' SQZ HOLES, SLIGHT BLOW NO FLUID CIRC TIH W/R-4 PKR SET @ 4732', RU BJ TO SQUEEZE, CMT W/300 SXS 50/50 POZ TAIL W/50 SXS CLASS B W/2% CACL DISPLACE TO W/IN 1 BBL OF HOLE @ 4900', RD BJ REL PKR PU 60'.

TOOH W/TBG & PKR, TIH W/BIT & COLLARS TAG CMT @ 4810' DO TO 4900' TEST TO 1000# LEAK OFF, TOOH W/TOOLS, RU WIRELINE RIH & RUN CBL TOP OF CMT @ 4510', SHOOT 4SPF SQUEEZE HOLES @ 4500' RD WIRELINE, TIH W/R-4 PKR SET @ 4108'.

RU BJ TO RESQUEEZE, PUMP 200 SXS 50/50 POZ W/FLUID LOSS ADDITIVE, TAIL IN W/60 SXS CLASS B, DISPLACE TO W/IN 1.5 BBLs BELOW PKR, SQUEEZE TO 700#, REL PKR PU 300', REV CIRC UNTIL CLEAN, RESET PKR @ 3798' PRESSURE UP BACKSIDE OF PKR TO 500#, SQUEEZE CMT TO 700#, RD BJ.

REL PKR & TOOH, TIH W/BIT TAG CMT @ 4130', DO CMT TO 4430' LAST 200' HARD (45-60 MIN PER JT) CIRC HOLE CLEAN, LEAVES APPROX 60' CMT TO DRILL.

CONT DO CMT TO 4512', CIRC CLEAN & TEST TO 2000# OK, TOOH W/BIT, RU WL & RUN CBL FROM 4800' TO 3160'. CMT TOP 3600' POOR COVERAGE OVER 4500-4300' BUT GOOD ISOLATION ABOVE MV ZONE. PERF ON DEPTH W/3-1/8" SELECT FIRE GUN @ 4785-83-59-55-49-37-35-01-4652-47-39-33-26-09-4594-89-87-85-82-79-73-71-69-63-61 RD SCHLUMBERGER, TIH W/5-1/2" HBTON PKR TO 4796'.

RU BJ SPOT 250G 15% HCL ACROSS POINT LOOKOUT PERFS, PU TO 4530' SET PKR PUT 500# ON BACKSIDE, BD POINT LOOKOUT PERFS W/550G 15% HCL W/38 1.1SG BALLS, @ 5BPM AVG 1700# , BALLED OFF MAX 2200#, SURGED OFF, ISIP 400#, REL PKR & TIH TO 4784' TO WIPE BALLS, TOOH W/TOOLS, NU TREE SAVER, RU BJ TO FRAC PUMP 238 BBLs SLICK H2O PAD, 243 BBLs .5#, 747 BBLs 1#, 107 BBLs 1.25#, 214 BBLs 1#, FLUSH W/112 BBLs SLICK, @ 40BPM 1700#AVG, MAX 2000#, ISDP 550#, 5 MIN 250#, 10 MIN 110#, 15 MIN 0#, NDBJ FRAC LINE, ND TREE SAVER, RU WIRELINE PUMPED 55,000# 20/40 AZ TOTAL INTO POINT LOOKOUT. TIH W/ 5-1/2" RBP TO 4500' TEST TO 2000# OK, SPOT 2 SXS SAND ON RBP, TIH W/SELECT FIRE GUN PERF MENEFE @ 4428, 4397-88-83-68-61-43-4272-65-58-16-10-03-4190-82-4171, 16 SHOTS TOTAL, RD WIRELINE, TIH W/5-1/2" PKR TO 4430' SPOT 200G 15% HCL, PU & SET PKR @ 4134' BD PERFS W/500G 15% HCL W/24 1.1SG

BALLS, @ 4.5 BPM AVG 1725#, BALL ACTION, GOOD BREAKS, MAX 2100#, ISIP 650#, REL PKR TIH TO 4430' TO WIPE BALLS, TOOH W/TOOLS, NU TREE SAVER, RU BJ TO FRAC PUMP 143 BBLS SLICK H2O PAD, 37 BBLS .5#, 150 BBLS PAD, 173 BBLS .5#, 382 BBLS 1#, 815 BBLS .5#, 228 BBLS 1# 54BBLS 1.25#, 97 FLUSH TO TOP PERF, 57,000# 20/40 AZ TOTAL, AVG 32 BPM @ 2050# MAX 2150#, ISIP 1300, 5MIN 1200#, 10 MIN 1170#, 15 MIN 1150#, SD RD BJ.

ND TREE SAVER, CASING 50#, NU FLOW LINE TO EARTH PIT, FLOW THRU 1/2" CHOKE W/40# FOR 3 HOURS, WELL STEADILY BUILDING PRESSURE, 1 PM HAD 100# BEHIND 1/2" CHOKE, LIGHTED FLARE TO PIT, PRESSURE BUILDING AS WELL CLEANS UP AS OF 3 PM HAD 120# AND GOOD FLARE CALC FLOW RATE 715 MCFD. WILL DRYWATCH OVERNITE.

CONTINUE DRYWATCH WELL, FLOWING SAND & 20 BBLS H2O/HR, TBG PRESSURE 170# BEHIND 1/2" CHOKE, WILL DRYWATCH THRU WEEKEND UNTIL SAND PRODUCTION DROPS OFF.

FLOW WELL TO EARTH PIT FROM 12 AM 3/1/97 - 6PM 3/2/97, SAND PRODUCTION CEASED @ 3PM 3/2/97, CONTINUE GOOD FLOW THRU 1/2" CHOKE.

CSG 1080#, BD TO PIT, PUMP 40 BBLS 1% KCL TO KILL, TIH W/RET HEAD, TAG SAND @ 4374 RU BJ N2 PUMP CIRC SAND OFF RBP @ 4500', REL RBP & TOOH, WELL FLOWING TO PIT @ 13:00, HEAVY SAND CUT FLUID, THRU 1/2" CHOKE.

CONTINUE DRYWATCH 7AM THRU 1/2" CHOKE CSG FLOW 280#, 2 PM TAKE OUT 1/2" CHOKE FLOW THRU 2" CSG 180#, 5PM CSG @ 80#, DRYWATCH THRU NIGHT.

CSG FLOWING TO PIT THRU 2" @ 75#, PUMP 50 BBLS 1% KCL, TIH W/RET HEAD TAG SAND @ 4720' NU BJ N2 PUMP CIRC SAND OFF RBP @ 4960', LATCH & REL RBP & TOOH W/TOOLS, ND BJ, PUMP 50 BBLS 1% TO KILL, TIH W/1/2 MULE SHOE & SN TAG FILL @ 6785', PU TBG TO 5917' CLOSE PIPE RAMS FLOW CSG OVERNITE.

WELL FLOWED OVERNITE, PUMP 20 BBLS 1% KCL TO KILL, TIH W/TBG TAG FILL @ 6760'. RU BJ N2, CO TO 6865' W/N2. PU TBG TO 6700', FLOW 2 HRS. THRU 1/2" CHOKE, TIH RETAG FILL @ 6780' (BRIDGE) CO TO 6865', PU TBG TO 6296'. CLOSE RAMS FLOW OVERNITE THRU 2" TO PIT.

DRYWATCH WELL, FLOWING THRU 2" LINE @ 40#, SHUT IN FOR 15 MIN BUILD UP TO 260#, CLEANING UP SAND. LITTLE WATER. CONTINUE DRYWATCH ON WELL UNTIL 5 P.M., TURN OVER TO CONOCO DRYWATCH.

WELL FLOWING THRU NITE @ 40# THRU 2" LINE TO PIT, NO WATER OR SAND, SHUT-IN 2 HRS, BUILD UP TO 470#, SURGE WELL TO PIT, NO SAND FLOW, SHUT IN WELL.

WELL SHUT-IN FOR 36 HRS BUILD UP TO 800#, BD TO PIT PUMP 10 BBLS 1% KCL TO KILL TIH W/TBG TO 6797' TAG SAND, RU BJ N2 CO TO 6860', FLOW 2 HRS RETAG SAND ONLY 10' INFLOW, CO TO 6860 THEN PU LAND 214 JTS 2-3/8 @ 6749', NDBOP, NUWH, SDON.

03/11/97

TBG/CSG 760#, RDMO.