

Submit To Appropriate District Office

State Lease - 6 copies

Fee Lease - 5 copies

District I

1625 N. French Dr., Hobbs, NM 88240

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural ResourcesForm C-105
Revised March 25, 1999

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe NM 87505

WELL API NO.

30-045-30461

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No. _____

7. Lease Name or Unit Agreement Name

STATE COM Q

8. Well No.

13B

9. Pool name or Wildcat

BLANCO MESA VERDE

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____

b. Type of Completion:

NEW WORK
WELL ☒ OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ OTHER ☐

2. Name of Operator

CONOCO INC.

3. Address of Operator

P.O. BOX 2197, DU 3066 HOUSTON, TEXAS 77252

4. Well Location

Unit Letter **B** : **735** Feet From The **NORTH** Line and **1440** Feet From The **EAST** LineSection **36**, Township **29N** Range **08W** NMPM **SAN JUAN** County, NM

10. Date Spud

02/25/01

11. Date T.D. Reached

05/16/01

12. Date Compl. (Ready to Prod.)

05/16/01

13. Elevations (DF& RKB, RT, GR, etc.)

6190'

14. Elev. Casinghead

15. Total Depth

5413

16. Plug Back T.D.

5402

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

4460'-5146' BLANCO MESA VERDE

20. Was Directional Survey Made

NO

21. Type Electric and Other Logs Run

21. Was Well Cored

DUAL BURST THERMAL DECAY TIME LOG, CEMENT BOND LOG23. **CASING RECORD** (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36	280	12-1/4"	145	
7"	20	2457	8-3/4"	402	
4-1/2"	10.5	5413	6-1/4"	188	

24. **LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	5044	

25. **TUBING RECORD**

26. Perforation record (interval, size, and number)

SEE ATTACHED DAILY INFORMATION.27. **ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.**

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

28. **PRODUCTION**

Date First Production

05/16/01

Production Method (Flowing, gas lift, pumping - Size and type pump)

FLOWING

Well Status (Prod. or Shut-in)

PROD

Date of Test

05/16/01

Hours Tested

24

Choke Size

1/2"

Prod'n For Test Period

0

Oil - Bbl

0

Gas - MCF

1452

Water - Bbl.

10

Gas - Oil Ratio

Flow Tubing Press.

220

Casing Pressure

450

Calculated 24-Hour Rate

0

Oil - Bbl.

0

Gas - MCF

1452

Water - Bbl.

10

Oil Gravity - API - (Corr.)

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

VENTED

Test Witnessed By

T. MONK W/ KEY ENERGY SERV.

30. List Attachments

DAILY INFORMATION AND FORMATION TOPS

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature

Printed

Name **DEBRA SITTNER**

Title

Date

STATE COM Q #13B

300453046100

735' FNL – 1440' FEL, Section 36, T29N-R08W
San Juan County, NM

Date	Operations
3/8/2001	Held safety mtg. RU Schlumberger wireline. PU logging tools and RIH to 5376', FC was @ 5402'. Run TDT/GR/CCL log from 5376' to 2000'. POOH and LD TDT tools and PU CBL logging tools. RIH to 5376' and run CBL/GR/CCL log from 5376' to 0 ft. TOC @ 3050'. POOH and RD wireline. Secure well and SD.
4/5/2001	Held safety mtg. RU 2 wood group frac valves and stingers 4' 1002 frac Y. Fill in cellar w/ gravel, and back draa location.
4/6/2001	Held safety mtg. Check wellhead voltage. RU Blue Jet wireline. PU 3 1/8" csd. hole guns w/90^ PPw/12g 306T charges. RIH and perforate PLO as follows: 5044' to 5058'w/8 holes, 5074' to 5094'w/11 holes, 5114' to 5124' w/6 holes, 5142' to 5146' w/3 holes. All shots are .5 spf, for 48 tot perforated ft. and 28 tot. .34" holes. RD wireline. Secure well and SDFN.
4/9/2001	Held safety mtg. RU BJ Services frac unit, and Blue jet wireline services. Pressure test lines to 4800#, set pop off @ 3800#. Start B/D. Formation broke @ 3300#. Start 2% KCl and 34 7/8" 1.3sg ball sealers @ 15 bpm. Showed good ball action and balled off @ 3600#. RIH w/ wireline junk basket and retrieve 24 balls w/ 20 hits. Re-test lines and check pop-off. Start step test @ 30 bpm & 1095#, Step to 23 bpm & 582#, step to 17 bpm & 57#, S/D. ISDP=0 FG= .43 psi/ft. Start 25# linear foam pad @ 40 bpm & 1987#, St. 5# @ 40 bpm & 1858#, St. 1# @ 40 bpm & 1805#, St. 2# @ 41 bpm & 1822#, st 3# @ 40 bpm & 1843#,St 4# @ 40 bpm & 1781#, st 5# @ 40 bpm & 1941#, St. flush @ 18 bpm & 1155#. AV rate=40 bpm. AV psi= 1774#. ToT sand=112,000# 20/40 brady. Tot fluid to recover =776 bbl. Tot sand laden fluid=428 bbl. ISDP=226#. PU 4.5" Halliburton comp plug and RIH and set @ 5000'. POOH w/ wireline and test plug to 4300#. Test was good. PU 3 1/8" guns w/ 12g 306T 90^ PP and perforate Menefee sands as follows: 4714'-4718' 1spf, 5 holes, 4750'-4770' .5spf 11holes, 4834'-4838' 1spf 5 holes, 4854'-4858' 1spf, 5 holes, 4948'-4960' .5spf 7 holes. TOT holes=33. Re-test lines & pop-off. Start B/D. Formation broke @ 3600#. Pump @ 19 bpm & 1295#.St. 40 7/8" 1.3 sg ball sealers w/ 2% KCl water. Showed good ball action and balled off @ 3700#.PU wireline junk basket and RIH and retrieve 39 balls w/ 31 hits. Start step test @ 30 bpm & 2075#, Step to 25 bpm & 1578#, step to 20 bpm & 1110#, Step to 15 bpm & 708# S/D. ISDP=198# FG= .49 psi/ft. Start 25# linear foam pad @ 50 bpm & 2550#, St. 5# @ 50 bpm & 2447#, St. 1# @ 50 bpm & 2382#, St. 2# @ 51 bpm & 2402#, st 3# @ 50 bpm & 2370#,St 4# @ 50 bpm & 2443#, St. flush @ 23 bpm & 2152#.ISDP=440#. AV rate=50 bpm.AV psi= 2393#. ToT sand=89,250# 20/40 brady. Tot fluid to recover =721 bbl. Tot sand laden fluid=371 bbl. TOT N2=460,000 scf. RD service companies. Secure well & SDFN.
4/11/2001	Held safety mtg. RU wireline and mast truck. PU 3 1/8" csd. hole gun and perforate CH sands as follows: 4460'-4476' , 4502'-4538', 4544'-4548', 4568'-4574', 4590'-4602'. all shots are 0.5 spf for a total of 37 .34"holes. RU BJ Services frac unit. Pressure test lines to 5100#, set pop-off @ 3783#. Start B/D. Formation broke @ 2411#. Start 2% kcl and 45 7/8" 1.3sg ball sealers @ 15 bpm. Showed good ball action and balled off @ 3800#. RIH w/ wireline junk basket and retrieve 43 balls w/ 31 hits. Re-test lines and check pop-off. Start step test @ 30 bpm & 2085#, Step to 22 bpm & 1385#, step to 15 bpm & 930#. Step to 7 bpm & 528#. S/D. ISDP=285# FG= .50 psi/ft. Start 25# 70Q linear foam pad @ 52 bpm & 2721#, St. 5# @ 51 bpm & 2520#, St. 1# @ 51 bpm & 2444#, St. 2# @ 51 bpm & 2385#, st 3# @ 51 bpm & 2371#, St 4# @ 51 bpm & 2310#, st 5# @ 53 bpm & 2454#, St. flush @ 24 bpm & 2265#. ISDP=970# AV rate=51 bpm. AV psi= 2457#. ToT sand=141,460# 20/40 Brady. Tot fluid to recover =870 bbl. Tot sand laden fluid=516 bbl. TOT N2=617,100 scf. Secure well and SDFN. Shut in waiting for rig.
5/3/2001	Held safety mtg. MIRU Key rig #10. Check pressures casing 0 psi 7"x4.5" annulus showing 650# pressure. bleed down and shut back in. pressure builds up to 350# in 4 hrs. We will need to squeeze annulus. RD wellhead. NU BOP. Test BOP's w/ Quadco. 200# low side for 15 min, 5000# high side for 15 min. Test was good. RU Weatherford air unit and Blooley lines. Secure well and SDFN.
5/4/2001	Held safety mtg. Bleed off intermediate. Csg. 0 psi. PU 4.5 ' RBP and TIH w/9 jts 2 3/8" tubing and set RBP @ 3114'.Tested plug to 2500#. POOH w/ tubing. Dump sand on top of RBP. RU Blue jet wireline. PU 3 1/8" select fire gun and RIH and perforate 2 squeeze holes @ 2950'. CBL showed TOC @ 3100' w/ 7" shoe @ 2457'.POOH w/ wireline. Pump down 4.5" casing for 15 bbl and 7" on vacuum. Secure well and SDFN. Wait for cement crew on Monday.

STATE COM Q #13B

300453046100

735' FNL – 1440' FEL, Section 36, T29N-R08W
San Juan County, NM

- 5/7/2001 Held safety mtg. PU 4.5 " Halliburton pkr and RIH w/ 83 jts tubing and set pkr @ 2600'. Load backside and put 500# on it. Pump down tubing w/ rig pump. Pumped total of 80 bbl and did not break circulation.(true hole volume=60 bbl). RU BJ Services cement unit. Check pressure behind tubing. Holding 500#. Tie onto 7" int. & pump 9 bbl and pressured up to 1000#. Bleed psi off and tie onto tubing. Start pumping @ 1.5 bpm @ 470#. Bring rate to 2.5 bpm @ 811#. Pressure stabilized @ 845# w/ .25 bpm returns to the pit. Bring rate to 3.5 bpm @ 1395 #. S/D Pumped tot of 70 bbl. Swapped over to pump the short way. Hole was loaded, and pressured up to 1000# in .6 bbl. Pressure bleeds down to 500# in 2 min.ST. 5 bbl fresh water ahead.@ 2bpm & 580#. St Premium light 35/65/6% gel type 3 cement, 1% CaCl, 7# sk CSE, .2% cd-32, 5% A10,2% phenoseal,@ 2.0 bpm & 571# @ 11.5 ppg slurry. Pumped 15 bbl and brought density to 12.5 ppg.2 bpm & 586#. Dropped rate to 1 bpm . Pumped tot of 33 bbl slurry and went to displacement @1700#. Pressure climbing rapidly. Pressure climbed to 2200# and broke back to 1200#. Slowed rate to 1 bpm & 1032#. Pumped 12 bbl displacement & S/D.ISDP=700#. Bleeds down to 625# in 2 min. Pump 1 bbl more to clear pkr. Pressure went to 1040# and broke to 700#.S/D @ 730#. Hesitate for 25 min and Squeeze .4 bbl. Starting pressure was 426# and pressured up to 1065#. Pressure dropping slowly. Hesitated for 20 min and pressure up to 1000#. Watch for 15 min and holding 1000#. Shut in tubing w/ 1000#. Tot displacement =13.95 bbl. RD cement crew. Secure well and SDFN, WOC.
CONTACTED NMOCD @ 8:20 AM. TALKED TO CHARLIE PERRIN.
- 5/8/2001 Held safety mtg. Open well and check pressures. 0 psi tubing. 500# casing. Bleed casing down. Release pkr. TOOH w/ 84 jts 2 3/8" tubing. RU blue jet wireline. PU CBL tools and RIH and tag cement @ 2816'. Run CBL from 2816' to 1200'. TOC @ 2652'. CBL shows 25' bridge w/ 70% bond from 2345' to 2370'. Contact engineering and decide to shoot holes @ 2270'. Contact NMOCD @ 11:30 am and notify of second squeeze. POOH w/ logging tools. PU 3 1/8" select fire gun and RIH and shoot 2 squeeze holes @ 2270'. POOH w/wireline. RU pump to casing and circulate to surface @ 3bpm & 100#. Pumped total of 120 bbl. PU Halliburton 4.5" pkr and RIH w/ 31 stands and 1 single and set pkr @ 2000'. Secure well and SDFN.
- 5/9/2001 Held safety mtg. RU BJ Services cement crew. Test pumps and lines to 3800#. Loaded intermediate and put 500# On it. Start 20 bbl fresh water ahead @ 2.5 bpm & 350#. Start premium light high strength 35/65/6% gel type 3 cement, 1% CaCl, 7# sk CSE, .2% CD-32, 5% A10, 2% Phenoseal @ 10.5#pg for 6 bbl and bring slurry up to 12.5 ppg. Pumped @ 3 bpm & 200#. 100 sks cement turned corner @ 2.7 bpm & 280#. 40 bbl slurry away @ 12.6#, 2.5 bpm & 397#. 55 bbl away 12.5#, 2.3 bpm & 455#. 63 bbl away started seeing cement returns to pit. 68 bbl away getting good slurry to pit. S/D Wash up pump and lines. 72 bbl tot slurry pumped w/ true hole volume of 59.3 bbl. Start displacement @ 1 bpm & 550#. 9.5 bbl away S/D @ 550#. Sqz .5 bbl to 1000# and holding. Secure well and SDFN. WOC
- 5/10/2001 Held safety mtg. Open well and bleed off pressure. Release pkr. POOH w/ 63 jts tubing and LD pkr. PU 3 7/8" blade bit and RIH w/85 jts tubing and tag cement @ 2082'. RU swivel and drill cement and test casing to 1000#. Tested well. TIH w/ 17 jts and tag cement @ 2828'. Drill out and test to 1000#. Test was good. RU and test intermediate to 1000#. Test was good, witnessed by T. Monk w/ Key Energy Services. Secure well and SDFN.
- 5/11/2001 Held safety mtg. TIH w/ 5 jts tubing and circulate sand off of RBP. TOOH w/ 99 jts and LD bit. PU retrieving head and 99jts tubing. Release plug and POOH. LD plug, PU 3 7/8" mill and RIH w/ 32 jts tubing. Well started flowing a lot of sand. Let well unload and clean up the rest of day. Secure well and SDFWE.
- 5/14/2001 Held safety mtg. Open well and check pressures. 80# tubing & casing. Bleed casing down and kill tubing. TIH w/ 107 jts. tubing and tag fill @ 4358'. Clean out to plug and drill. Pull above perms. Secure well and SDFN
- 5/15/2001 Held safety mtg. Check pressures 750# on tubing & casing. Bleed casing down & kill tubing. TIH w/17 jts tubing and tag fill @ 4961'. C/O fill and drill plug @ 5000'. TIH w/ 24 jts and tag fill @ 5273'. C/o to PBTD. TOOH w/ mill and LD. PU MS, SN and RIH w/ 140 jts 2 3/8" tubing. Secure well and SDFN.
- 5/16/2001 Held safety mtg. Check pressures 580# casing 580# tubing. Bleed casing down, kill tubing. TIH w/ 33jts tubing and tag fill @ 5380'. Clean out to PBTD. POOH w/ 12 jts and LD. Land tubing. @ 5044' w/kb w/161 jts 2 3/8" b cond. tubing. ND BOP, NU wellhead. RD unit and equipment. Secure well and SD. MV TEST IS AS FOLLOWS: TBG. LANDED @ 5044' W/KB, 1/2" CHOKE, TBG. PSI= 220, CSG. PSI= 450, MMCFPD= 1452, 10 BWPD, 0 BOPD, 0 CONDENSATE, 0 SAND, TEST WITNESSED BY T. MONK W/ KEY ENERGY SERVICES. THIS WELL IS A MV COMPLETION ONLY.

CONOCO
State Com Q 13B Formation Tops
Unit Ltr. B– Sec. 36-T29N-R8W, San Juan Co., NM.

Ojo Alamo	1908	4295
Kirtland	2019	4183
Fruitland Fm.	2588	3614
Pictured Cliffs	2829	3373
Lewis	3430	2772
Chacra	3792	2410
Cliffhouse	4451	1751
Menefee	4618	1584
Point Lookout	5050	1152