

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 Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-105
Revised March 25, 1999

WELL API NO.

30-045-30427

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No. _____

7. Lease Name or Unit Agreement Name

STATE COM P

8. Well No.

12M

9. Pool name or Wildcat

BASIN DAKOTA

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 K: 1870 Feet From The SOUTH Line and 1845 Feet From The WEST Line

Section 36, Township 29N Range 08W NMPM SAN JUAN County, NM

10. Date Spudded

02/16/01

11. Date T.D. Reached

05/25/01

12. Date Compl. (Ready to Prod.)

05/25/01

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

6188'

14. Elev. Casinghead

15. Total Depth

7297

16. Plug Back T.D.

7284

17. If Multiple Compl. How Many Zones?

2

18. Intervals Drilled By

Rotary Tools

Cable Tools

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

7040'-7225' BASIN DAKOTA

20. Was Directional Survey Made

NO

21. Type Electric and Other Logs Run

CEMENT BOND LOG/DUAL BURST THERMAL DECAY TIME LOG

21. Was Well Cored

23. 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	292	12-1/4"	142	
7"	20	3490	8-3/4"	565	
4-1/2"	10.5	7297	6-1/4"	359	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	7157	

25. TUBING RECORD

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

SEE ATTACHED DAILY COMPLETION INFORMATION

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

28. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)		
05/25/01	FLOWING				PROD		
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
05/25/01	24	1/2"		1	528	20	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
380	640		1	528	20		

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

VENTED

Test Witnessed By

T. MONK W/ KEY ENERGY

30. List Attachments

DAILY COMPLETION INFORMATION/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

CONOCO
State Com P 12M Formation Tops
Unit Ltr. k- Sec. 1-T29N-R8W, San Juan Co., NM.

Ojo Alamo	1855	4345
Kirtland	1921	4279
Fruitland Fm.	2541	3659
Pictured Cliffs	2808	3392
Lewis	3208	3792
Chacra	3757	2443
Cliffhouse	4416	1784
Menefee	4550	1650
Point Lookout	4992	1208
Gallup	6293	-92
Greenhorn	6950	-749
Graneros	7015	-814
Two Wells	7039	-838
Paguate	7148	-947
Cubero	7176	-975

STATE COM P #12M

30-045-30427

1870' FSL – 1845' FWL, Section 36, T29N-R08W
San Juan County, NM

Date	Operations
4/18/2001	Held safety mtg. RU stinger 4.5" isolation tool. RU BJ Services frac unit. Pressure test lines to 4800#, set pop-off @ 3800#. Start B/D. Formation broke @ 2700#. Start ball job w/ 15% HCl and 53 1.1 sg 7/8" bio-sealers. Showed good ball action and balled off @ 3500#. Wait for balls to dissolve for 1 hr. Start step test @ 30 bpm & 3400#, Step to 20 bpm & 2500#, Step to 11 bpm & 2000#, S/D ISDP=1600#, FG=. 67 psi/ft. Leak off is as follows: 5 min=1480#, 10 min=1373#, 15 min=1260#, 20 min= 1108#. Start slick water pad @ 52 bpm & 3150#, St .5# @ 54 bpm & 3300#, St 1# 51 bpm & 3350#, St 1.5# @ 51 bpm & 3550#. Flush @ 47 bpm & 3600#. ISDP=2300#. 95,320# 20/40 brady. Tot fluid to recover=2637 bbl, Sand laden fluid=2637 BBL. AV rate=50 bpm, AV pressure= 3375#. SIP=1955# after 5 min. Tot FRW-30, 120 gal, FB-20 103 gal. RD SWION
5/2/2001	RU BJ wireline and mast truck. PU Halliburton 4.5" composite plug and set @ 5164'. POOH w/ wireline. RU BJ Services and pressure test plug to 4300# and held for 15 min. Test was good. Bleed off. PU 3 1/8" guns (90^ pp 12g 306T) and perforate PLO/MEN as follows: 4823'-4828', 1spf, 4846'-4851' 1spf, 4920'-4936' .5spf, 5010'-5020' .5spf, 5035'-5055' .5spf, 5074'-5078' .5spf. for tot of 41 holes. POOH w/ wireline. RU BJ and B/D. Formation broke @ 1300#. Pumped 50 7/8" 1.3 sg. ball sealers. Showed good ball action and balled off @ 3450#. RU wireline junk basket and RIH and retrieved 36 balls w/24 hits. RU Stinger isolation tool. RU BJ services and pressure test lines to 4800#, set pop-off @ 3780#. Start step test @ 48 bpm & 3200#, 39 bpm & 2400#, 32bpm & 1526#, 22bpm & 550#, Leak is 0# in 0min ISDP=0 FG=. 44 psi/ft. Start slick water frac as follows: St. pad @ 77bpm & 3040#, St. .5# @ 77bpm & 2860#, St. 1# @ 72 bpm & 2200#, St 2# @ 69 bpm & 1890#, St 2.5# @ 69 bpm & 2100#, Flush w/ 76 bbl and called flush @ 2# sand at blender. AV pressure =2350#, AV rate = 69 bpm, 140,240# 20/40 Brady. ISDP=400# 5min= 218#. Fluid to recover= 2610 bbl, sand laden fluid = 1711 bbl. RD BJ Services. Sting out of hole w/ isolation tool. RU master valve. SDFN.
5/17/2001	Held safety mtg. Spot unit and equipment. RU unit . ND wellhead. NU BOP and test w/ quadco. RU blooey line and equipment. TIH w/ notched collar and 149 jts 2 3/8" tbg. Tag fill @ 4709'. C/O to 4842'. Pull above perfs. Secure well and SDFN.
5/18/2001	Held safety mtg. Check pressure. 580#. Bleed casig down. Kill tubing. TIH and TFF. No fill found. POOH w/153 jts. tubing and notched collar. NU frac valve. RU Blue jet wireline. PU 4.5" comp. plug and RIH and set @ 4800'. POOH and PU 3 1/8" guns w/ 12g, 306T 90^ PP, and RIH and perforate CH/MEN sands as follows: 4422'-4434', 4470'-4500', 4536'-4546', 4588'-4606' w/.5 spf, 4712'-4717', 4750'-4752' w/1spf. Tot ft. pay =79, tot # holes=49. RD Blue jet. Secure well and SDFN.
5/21/2001	Held safety mtg. RU stinger frac head. RU BJ and test lines to 4800# set pop-off @ 3850#. B/D. Formation broke @ 1920#. Pumped 16 bpm and 1250#. S/D ISDP= 0# Pumped 59 7/8" 1.1 sg. bio-balls.. Showed good ball action and balled off @ 3450#. Wait for 1.5 hrs on bio-sealers. RU BJ services and pressure test lines to 4800#, set pop-off @ 3780#. Start step test @ 42 bpm & 3280#, 31 bpm & 2470#, 17bpm & 11190#, S/D. ISDP=340#, FG= .51 psi/ft. Leak off is 310# in 5 min, 10 min=253#, 15 min=150#. Start slick water frac as follows: St. pad @ 72 bpm & 2750#, St. .5# @ 73bpm & 2560#, St. 1# @ 73 bpm & 2244#, St 2# @ 72 bpm & 2100#, St 2.5# @ 68 bpm & 3000#, Flush w/ 68 bbl and called flush @ 2# sand at blender. AV pressure =2550#, AV rate = 72 bpm, 140,680# 20/40 Brady. ISDP=600# 5min= 250#. Fluid to recover= 2862 bbl, sand laden fluid = 2001 bbl. RD BJ Services. RD frac head PU mill and 127 jts 2 3/8" tubing. Secure well and SDFN.
5/22/2001	Held safety mtg. Open well to check pressures. 0# on casing. TIH w/ mill and 135 jts 2 3/8" tubing and tag fill @ 4272'. C/O to and drill plug @ 4800'. Circulate clean and pull above perfs. Secure well and SDFN.
5/23/2001	Held safety mtg. Check pressures. 650# casing, 710# tubing. Bleed casing down and kill tubing. TIH w/ 22 jts tubing and tag fill @ 5079', C/O to plug @ 5150'. Circulate clean. POOH w/10 jts tubing and test. MV Test is as follows: 2 3/8' TBG. SET @ 4818' W/KB, TESTED W/ 1/2" CHOKE, CSG. PSI=600#, TBG. PSI=300#, 1980 MMCFPD, 20 BWPD, 1 BOPD, 0 BCPD, MV PERFS TESTED ARE FROM 4422'-5078', TEST WITNESSED BY T. MONK W/ KEY ENERGY SERVICES, Secure well and SDFN.
5/24/2001	HELD SAFETY MTG. Check pressures 660 casing, 690 tubing. Bleed casing down and kill tubing. TIH w/23 jts tubing and tag fill @ 5102' c/o to and drill plug over DK. TIH w/ 63 jts and TFF @ 7184' C/O to PBTD and POOH w/ 240 jts and mill. PU SN, MS and TIH drifting w/ 120 jts 2 3/8" tubing. Secure well and SDFN.

STATE COM P #12M

30-045-30427

1870' FSL – 1845' FWL, Section 36, T29N-R08W
San Juan County, NM

5/25/2001 FINAL REPORT. Held safety mtg. Check pressures, 800# tubing, casing. Bleed casing down and kill tubing. TIH drifting w/ 108 jts tubing and tag fill @ 7246'. C/O to PBTD. Pull up and land tubing @ 7157' w/kb. ND BOP, NU well head. Get flowing up tubing w/air and test for DHC. TEST IS AS FOLLOWS: TBG. SET @ 7157' W/KB, TBG. PSI=380#, CSG. PSI=640#, 2508 MMCFPD, 20 BWPD, 1 BOPD, 0 BCPD, MV TEST WAS 1980 MMCFPD; SO 528 MCFPD WAS ALLOCATED TO THE DAKOTA FORMATION USING THE SUBTRACTION METHOD. TEST WITNESSED BY T. MONK W/ KEY ENERGY SERVICES.
Rig unit and equipment down. Secure well. Release well to operator and EPNG.