

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

Form C-105
Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO.

30-045-30426

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No. **B-11183-58**

7. Lease Name or Unit Agreement Name

STATE COM P

8. Well No.

#12F

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 **C** : **960'** Feet From The **NORTH** Line and **1805'** Feet From The **WEST** Line

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

10. Date Spudded

03-04-2001

11. Date T.D. Reached

03-12-2001

12. Date Compl. (Ready to Prod.)

05-02-2001

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

6158'

14. Elev. Casinghead

15. Total Depth

7280'

16. Plug Back T.D.

7270'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

X

20. Was Direct Log Survey Made

Y

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

BASIN DAKOTA 7044' - 7244'

21. Type Electric and Other Logs Run

CBL/GR/CCI

21. Was Well Cored

N

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT CEMENT USED
9-5/8"	36#, J-55	275'	12-1/4"	150 S	
7"	20#, J-55	3475'	8-3/4"	550 S	
4-1/2"	10.5#, J-55	7280'	6-1/4"	358 S	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD	SIZE	DEPTH SET	PACKER SET
						2-3/8"	5112	

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

7044' - 7244'

PLEASE SEE ATTACHED DAILY SUMMARY

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

28. PRODUCTION

Date First Production

05-02-2001

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

FLOWING

Well Status (Prod. or Shut-in)

PRODUCING

Date of Test

05-02-2001

Hours Tested

24

Choke Size

1/2"

Prod'n For Test Period

5 BBLs

Oil - Bbl

5 BBLs

Gas - MCF

250 MCFPD

Water - Bbl.

5 BBLs

Gas - Oil Ratio

Flow Tubing Press.

428#

Casing Pressure

650#

Calculated 24-Hour Rate

5 BBLs

Oil - Bbl.

5 BBLs

Gas - MCF

250 MCFPD

Water - Bbl.

5 BBLs

Oil Gravity - API - (Corr.)

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

SOLD

Test Witnessed By

T. MONK W/ KEY ENERGY

30. List Attachments

SUMMARY OF DAILY COMPLETION INFORMATION

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

Debra Sittner

Printed

Name **DEBRA SITTNER**

Title

Date

CONOCO
State Com P 12F Formation Tops
Unit Ltr. C– Sec. 36-T29N-R8W, San Juan Co., NM.

Ojo Alamo	1822	4335
Kirtland	1946	4211
Fruitland Fm.	2512	3646
Pictured Cliffs	2782	3375
Lewis	3218	3802
Chacra	3738	2419
Cliffhouse	4395	1762
Menefee	4549	1608
Point Lookout	4987	1170
Gallup	6275	-117
Greenhorn	6943	-785
Graneros	7006	-848
Two Wells	7041	-883
Paguate	7150	-1024
Cubero	7182	-1042

STATE COM P #12F

30-045-30426

960' FNL – 1805' FWL, Section 36, T29N-R08W
San Juan County, NM

3/17/2001 RU Schlumberger wireline and PU logging tools. RIH and tag cement on top of FC@ 7255'. FC was @ 7280'. Run TDT/GR/CCL logs from 7248' to 2000'. POOH and lay down logging tools. PU CBL logging tools. RIH and tag up @ 7255'. Start CBL/GR/CCL log. Logs not looking good will need to run with pressure. Secure well and SDFN. Called for Stinger to pressure up on csg.

3/18/2001 RU Schlumberger wireline. RU Stingers pressure pump. RIH and CBL/GR/CCL from 7248' to 1800'. Found TOC @ 2100' w/ stringers up to 2050'. POOH w/ wireline and RD. NU wellhead and pressure test csg. to 4300#. Test OK. Witnessed by Brian Lough w/ Stinger wellheads and W. Shenefield w/ MVCI. Secure well and SD.

3/31/2001 ND wellhead and tbg hanger. RU 27 1/16" 5000# WG frac valves, Stingers 4" 1002 frac Y, and scaffolding. Secure well and SDFN.

4/1/2001 RU Mote hot oiler and heat 3 tanks water to 100.

4/2/2001 RU Blue jet wireline. PU 3 1/8" 90° PP select fire guns. RIH and correlate depth and perforate DK as follows: 7044' to 7082', .5 spf for 20 holes, 7155' to 7158' 1 spf, for 4 holes, 7185' to 7193' 1 spf, w/9 holes, 7238' to 7244' 1 spf, w/7 holes. POOH w/ wireline and RU BJ Services frac unit. Pressure test lines to 4872#, set pop-off @ 3. St B/D. Formation broke @ 2470#, 11 bpm & 1400#. Start 15% hcl and 1.2SG bio ball sealers. Pumped 24 bbl acid and 48 balls. Flush @ 23 bpm & 2466#. Showed ball action but did not ball off. Start step test as follows: 33.5 bpm & 3521#, 24 bpm & 2670#, 15bpm & 1975#, S/D ISDP=1400#, FG=.62 psi/ft. Start 30# Spectra G pad @ 51.2 bpm & 3032#, St .5# @ 51 bpm & 3017#, St 1# @ 51 bpm & 2950#, St 2# @ 51 bpm & 2865#, St 3# @ 51 bpm & 2780#, St 4# @ 56 bpm & 2938#, St 5# @ 56 bpm & 2818#, Flush w/ 108 bbl. S/D ISDP= 1870#, AV rate = 52 bpm, AV psi =3050#, Pumped tot of 101,260# 20/40 tempered LC. 1455 bbl fluid to recover. Sand laden fluid = 931bbl. Secure well and SDFN.

4/3/2001 RU BJ wireline and mast truck. PU Halliburton 4.5" comp plug and RIH and set @ 5140'. POOH and PU 3 1/8" csd hole guns w/ 90° PP and 12g 306T charges and perforate as follows: 4994'-5008', 5024'-5042', 5052'-5062', 5082'-5090', all shots are .5 spf for a tot of 29 holes. Secure well and SDFN.

4/4/2001 RU BJ Services frac unit. Pressure test lines to 5300#, set pop-off @ 3850#. St B/D. Broke @ 2400#, Dropped 48 7/8" 1.3 SG Ball sealers. Showed good ball action and balled off @ 4000#. RU Blue jet wireline junk basket and RIH and retrieve 48 balls w/ 28 hits. Test lines to 5300#, Set pop-off @ 3780#. St. 25# linear 70Q foam pad. @ 42 bpm & 1404#, St .5 # @ 40 bpm & 1255#, St 1# @ 40 bpm & 1196#, St 2# @ 39 bpm & 1087#, St 3# @ 46 bpm & 1286#, ST 4# @ 46 bpm & 1371#, St 5# @ 46 bpm & 1456#, Flush w/ 79 bbl fluid .AV psi =1000#, AV rate=42 bpm , 102,000# 20/40 brady. Pumped tot of 448,000 scf N2. ISDP=0. RU wireline and PU 4.5" comp BP and RIH and set @ 4982'. POOH. Test plug to 4100#. Test was good. PU 3 1/8" guns and RIH and perforate MEN as follows: 4658' to 4668'.5 spf, 4710' to 4720'.5 spf, 4752' to 4754' 1spf, 4776' to 4782' 1 spf, 4814' to 4818' 1spf, 4852' to 4855' 1spf, 4874' to 4876' 1spf, 4900' to 4902' 1spf, 4944' to 4947' 1 spf, 4970' to 4973' 1 spf. 45 tot holes. POOH w/ wireline and RU frac lines. Pressure test lines to 5300#, set pop-off @ 3750#. St B/D. formation broke @ 2700#, Dropped 54 7/8" 1.3SG ball sealers, and showed good ball action and ball off @ 3750#. RU wireline junkbasket and RIH and retrieve 54 balls, w/35 hits. RU frac lines. Frac MEN w/AV rate=40 bpm, AV psi = 1550#, 479 bbl sand laden fluid, 653 bbl tot fluid to recover. 119,280# 20/40 Brady sand. ISDP=289. Tot N2=623,000scf. 5 min=220# 10 min=200#. PU 4.5" CBP and RIH and set @ 4620'. Test plug to 4100#.

4/19/2001 MI Key rig #10. Spot unit and equipment. ND Well head. NUBOP. Test BOP w/ Quadco. Test low side to 200# for 15 min and test was good. Test high side to 5000# for 15 min . Test was good and was witnessed by W. Shenefield w/ MVCI. PU notched collar and 143 jts 2

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960' FNL – 1805' FWL, Section 36, T29N-R08W
San Juan County, NM

3/8" tbg. from float and RIH and tag fill @ 4439'. Clean out w/ fluid to 4567' . Circulate clean. Secure well and SDFN.

4/20/2001 Open wellup Tag and clean out fill to plug @ 4620'. Circulate clean. TOOH w/ 150 jts. 2 3/8" tbg. and notched collar. NU frac valve and Frac 'Y'. Pressure test Y and valve to 4300#. Changed out front seal on rig motor. Secure well and SDFN.

4/25/2001 RU Blue jet wireline. PU 3 1/8" csd. hole guns w/ 90^ PP, w/ 12g 306T charge and perforate CH as follows: 4400'- 4426' w/14 holes, 4446'-4474' w/15 holes, 4488' - 4494' w/ 4 holes, 4522'- 4532' w/ 6 holes, 4542'-4548' w/3 holes. POOH w/ wireline. RU BJ Services frac unit. Pressure test lines to 5300#, set pop-off @ 3850#. St B/D. Broke @ 2500#, dropped 51 7/8" 1.3 SG Ball sealers., showed good ball action and balled off @ 3850#. RU Blue jet wireline junk basket and RIH and retrieve 49 balls w/ 40 hits. Test lines to 5300#, set pop-off @ 3850#. St. step test as follows: 31 bpm & 1622#, 26 bpm & 1305#, 20 bpm & 928#, 10 bpm & 391#. ISDP=0 FG= .44 psi/ft. Leak off test as follows: 5 min=0. St. 25# linear 70Q foam pad. @ 61 bpm & 2567#, St .5 # @ 62 bpm & 2528#, St 1# @ 64 bpm & 2504#, St 2# @ 61 bpm & 2472#, St 3# @ 62 bpm & 2620#, ST 4# @ 62 bpm & 2755#, St 5# @ 61 bpm 3000#, Flush w/ 67 bbl fluid .AV psi =2650#, AV rate=61 bpm , 160,000# 20/40 Brady. Pumped tot of 693,000 scf N2. ISDP=1087#. 5 min=639#. Fluid to recover=790 bbl. Sand laden fluid=528 bbl.

4/26/2001 ND frac valve and Y, NU Blooey T & line. Haul in RU air compressors. PU mill, bit sub and RIH w/81 jts 2 3/8" tbg. Blow well around till sand cleaned up. Secure well and SDFN.

4/27/2001 Open well up and check pressures. 500# csg. 620# tbg. Bleed down casing, kill tbg. TIH w/ 63 jts 2 3/8" tbg. and tag fill @ 4532'. Clean out and drill plug @ 4620'. TIH and tag fill @ 4976'. Clean out to and drill plug @ 4998' Pull above perms and circulate clean. Secure well and SDFN.

4/30/2001 Open well and check pressures. 780# tbg. 700# csg. Bleed down casing, kill tbg. TIH w/ 21 jts 2 3/8" tbg. and tag fill @ 5063'. Clean out to plug @ 5140' and circulate clean. TOOH w/ 2 jts and get flowing up tbg. **TEST MV AS FOLLOWS: TBG. SET @ 5082' AND TESTED W/ 1/2" choke. 390# TBG. 600# CSG. 2574 MCFPD 5 BOPD 5 BWPD 1 B condensate PD TEST WITNESSED BY T. MONK W/ KEY ENERGY SERVICES.**

5/1/2001 Open well and check pressures. 650# csg, 720# tbg. Bleed csg. down and kill tbg. TIH w/ 24 jts and tag fill 5072'. Clean out and drill plug @ 5140'. TIH w/ 68 jts and tag fill @ 7193'. clean out to 7248' (PBTD). Circulate clean . TOOH w/ 92jts. Secure well and SDFN.
13.00

5/2/2001 Check pressures. 800# csg. , 900# tbg. TIH w/ 92 jts 2 3/8" tbg and tag no fill. TOOH w/ 233 jts tbg and lay down mill. PU MS/SN and RIH w/ 163 jts 2 3/8" tbg and land well @ 5112' w/kb. ND bop, NU well head. Get flowing up tbg. and test for DHC.

TEST IS AS FOLLOWS: TEST IS TAKEN WITH 1/2" CHOKE TBG, LANDED @ 5112' W/KB 428# TBG. 650# CSG. 2825 MCFPD. USING SUBTRACTION METHOD THE ALOCATED FLOW RATE FOR THE DAKOTA IS 250 MCFPD 5 BOPD 5 BWPD WELL SEEMED TO QUIT MAKING CONDENSATE. TEST WAS WITNESSED BY THOMAS MONK W/ KEY ENERGY SERVICES.