

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Box DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

Form C-105
Revised 1-1-89

COPY

WELL API NO. 30-045-29748
5. INDICATE TYPE OF LEASE STATE ☒ FEE ☐
6. STATE OIL & GAS LEASE NO.
7. LEASE NAME OR UNIT AGREEMENT NAME STATE GAS COM 0
8. WELL NO. 12
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 PLUG DIFF WELL ☒ OVER ☐ DEEPEN ☐ BACK ☐ RESVR ☐ OTHER							
2. NAME OF OPERATOR CONOCO, INC.							
3. ADDRESS OF OPERATOR P.O. Box 2197, DU 3066, Houston, TX 77252-2197 (281) 293-1613							
4. WELL LOCATION Unit Letter I :1825' Feet From The SOUTH Line and 790' Feet From The EAST Line Section 16 Township 29N Range 8W NMPM SAN JUAN County							
10. DATE SPUDDED 4/30/00	11. DATE T.D. REACHED 5/10/00	12. DATE COMPL. (Ready to prod.) 6/5/00	13. ELEV. (FE, RKB, RT, GE, etc.) 6396'	14. ELEV. CASINGHEAD			
15. TOTAL DEPTH 7573'		16. PLUG, BACK T.D. 7545'		17. IF MULTIPLE COMPL. HOW MANY ZONES?		18. INTERVALS DRILLED BY ROTARY CABLE TOOLS ☒ TOOLS ☐	
19. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME 5254' - 5398' Blanco Mesa Verde						20. WAS DIRECTIONAL SURVEY MADE	
21. TYPE ELECTRIC AND OTHER LOGS RUN CEMENT BOND LOG, TEMPERATURE LOG						22. WAS WELL CORED	
23. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB/FT		DEPTH SET		HOLE SIZE	
9-5/8"		36#, J-55		336'		12-1/2"	
7"		20#, J-55		3357'		8-3/4"	
4-1/2"		10.5#, J-55		7568'		6-1/4"	
24. LINER RECORD							
SIZE		TOP		BOTTOM		SACKS CEMENT	
25. TUBING RECORD							
SIZE		DEPTH SET		PACKER SET			
2-3/8"		7315'					
26. PERFORATION RECORD (Interval, size and number)				27. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL		AMOUNT AND KIND OF MATERIAL USED	
28. PRODUCTION							
DATE FIRST PRODUCTION 6/5/00		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) FLOWING				WELL STATUS (Producing or shut-in) Producing DHC # 2731	
DATE OF TEST 6/1/00	HOURS TESTED 24	CHOKE SIZE 1/2"	PROD'N FOR TEST PERIOD	OIL - BBL 3	GAS - MCF 1452	WATER - BBL 25	GAS - OIL RATIO
FLOW. TUBING PRESS 220 psi	CASING PRESSURE 430 psi	CALCULATED 24 - HR RATE	OIL - BBL 3	GAS - MCF 1452	WATER - BBL 25	OIL GRAVITY - API (Corr)	
29. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) V						TEST WITNESSED BY Victor Barrios w/ Key Energy	
30. LIST ATTACHMENTS daily summary							
31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief							
SIGNATURE: <u>Debra Sittner</u>				TITLE: <u>As Agent for Conoco Inc.</u> DATE: <u>6/8/00</u>			
TYPE OR PRINT NAME: <u>DEBRA SITTNER</u>				TELEPHONE NO.: <u>(970) 385-9100 X125</u>			

CONOCO
State Com O #12 Formation Tops
Unit Ltr. I – Sec. 16-T29N-R8W, San Juan Co., NM.
KB 6407'

Ojo Alamo	1574	4433
Kirtland	2264	4143
Fruitland Fm.	2476	3831
Pictured Cliffs	3058	3349
Lewis	3156	3251
Chacra	4120	2287
Cliffhouse	4654	1753
Menefee	4783	1624
Point Lookout	5340	1167
Mancos	5600	807
Gallup	6480	-73
Greenhorn	7120	-813
Graneros	7280	-873
Two Wells	7308	-901
Paguate	7440	-1033
Cubero	7456	-1049
PBTD	7547	

CONOCO INC.
State Com O #12
API #30-045-29748
1825' FSL & 790' FEL, UNIT LETTER "I"
Sec. 16, T29N-R8W

5/12/00 Road rig to location. Spot in rig. Spot all equipment. Rigged up. NUBOP. Rigged up pump and pit. Spot gas compressors.

5/15/00 Spot tubing float. RIH with 2 3/8" tubing with 3 7/8" bit and casing scrapper. Tally all tubing. Tagged cement @ 7462' with 236 jts. Picked up power swivel. Drilled cement to 7547' with total of 234 jts. Loaded 7" X 4 1/2" annulus. Took 30 bbls to load. Tested to 500 psi - OK. Tested 4 1/2" casing to 1000 psi. - OK. Circulated well with clean KCL water. Layed down power swivel. Pulled tubing up to 3770'.

5/16/00 Continue to POOH with 2 3/8" tubing with 3 7/8" bit and casing scrapper. Rig up Schlumberger, and run TDT log from 7547' to 1000'. Run Gamma Ray only from 1000' to surface. Rigged down Schlumberger.

5/17/00 Rigged up Blue Jet. Run CBL Log from 7547' to 7200' and from 5700' to 4500' and from 3400' to 2947'. Logged with 1000 psi pressure. All depths showed good cement. Approx TOC @ 2400'. Rigged up to test casing, would not test. Will hold approx 1800 psi. Will pump in @ 2000 psi. Called for CIBP. Set CIBP @ 7545'. Tested casing to 3800 psi. - OK. Rigged up to perf Dakota. Perforated with 3 1/8" HSC with .32" hole size. Perf Cubero (DAKOTA) @ 7460-82-84-7501-03-16-18-20-22-28-30. Shot @ 2 SPF Total holes 22. Perf Paquate (DAKOTA) @ 7422-24-26-42-44-46-48-50-52. Shot @ 2 SPF Total holes 18. Perf Two Wells (DAKOTA) @ 7316-18-20-22-24-26-28-30-32-36-38-40-42-44-46-48. Shot @ 2 SPF Total Holes 44. Rigged down Blue Jet. Rigged up Frac Valve & Frac Y. Prep well to frac.

5/18/00 Rig up BJ and test lines to 5000 psi, set pop-off at 3768 psi. Broke down Dakota at 2115 psi, pump in 15 bpm at 1600 psi blocked w/ 176 ball sealers. (Good ball action) Rig up BJ and RIH junk basket and retrieve 157 ball sealers and recorded 64 hits. Test lines to 5000 psi, set pop - off at 3840 psi start step rate test 15 bpm @ 1600 psi, 30 bpm @ 2140 psi, 40 bpm @ 3300 psi, isip 1650 psi, 5 min. 630 psi, 10 min. 473 psi, 15 min. 275 psi. Fg .66 frac Dakota w/ 5578 bbl slick water carrying 55780 lbs 20/40 Brady Sand, 62 bpm at 3450 psi isip 1865 psi, 5 min. 630 psi, 10 min. 1458 psi, 15 min. 1395 psi. Rig down BJ and start well flowing back on 1/2" choke.

5/19/00 Drywatched and tested well thru the night. Checked well in the AM. Well flowed thru the night. Well flowing up the 4 1/2" casing, thru 1/2" choke nipple. Flowing pressure 600 psi. Heavy water and sand. Flowed and tested well the rest of the day. Rigged up mist pump to evaporate the reserve pit. Will drywatch and test well.

5/21/00 Dakota test flowing up 4 1/2" casing on 1/2" choke, casing pressure 150 psi, 2bbl oil and 15 bbl water, rate 990 mcfpd.

5/22/00 continue to flow well on 1/2" choke. rig down flow tee, rig up frac y and repair tongs.

5/23/00 RIH and set 4 1/2" composite plug at 5500 and test to 3800 psi (ok) rig and perf the Point Lookout w/ 3 1/8" select fire guns, 2 spf at the following stops 5254, 56, 58, 60, 62, 64, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 98, 5302, 09, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 46, 48, 50, 52, 62, 64, 68, 70, 74, 76, 78, 90, 92, 94, 96, 98.

5/24/00 RU BJ. Pressure test lines and set pop-off. Prep to ball-off. Pumped 34 bbls of water @ 8 bpm, broke @ 2500#. Pumped 36 bbls of water @ 26 bpm and shutdown for ISDP. On vacuum. Start 15% HCL and 135 - 7/8" ball sealers in 34 stages of 4. Balled off @ 3580#. RD BJ and RU Blue Jet. PU and RIH w/ junk basket. Retrieved 100% of ball sealers w/ 60% hit rate. RD w/l. RU BJ and prep to frac. Test lines and pop-off. Frac PLO w/ 3400 bbls slickwater and 62000# 20/40 Brown sand @ avg rate of 70 bpm. Max pressure 1350#, avg pressure 1100#, rate on flush 56 to 40 bpm. Max sand conc. 1#. ISDP immediate vacuum. Fluid to recover 3484 bbls. RD BJ and secure well for the night.

5/25/00 Prep well to perforate. RU Blue Jet and PU 4 1/2" Halliburton composite plug. RIH and set plug @ 5230'. POOH. RU rig pump and pressure test plug to 3800#, held ok. PU 3 1/8" select fire gun and RIH and perforate Menefee w/ 84 holes in 3 gun runs- shooting 2 spf of 12 gr .3 dia. shots. Perf as follows: 4878', 80', 82', 84', 87', 4912', 14', 18', 64', 66', 68', 70', 72', 5012', 14', 16', 18', 20', 22', 24', 26', 28', 30', 32', 34', 36', 68', 70', 5100', 02', 04', 38', 44', 46', 48', 52', 54', 56', 58', 60', 62', & 5164'. RD w/l and Secure well for the night.

5/26/00 RU BJ. Pressure test lines and set pop-off. Breakdown perfs w/ 1500 gals 15% HCL and balloff w/ 168 7/8" 1.3 sg ball sealers. Load hole @ 16 bpm @ 160#, start HCL @ 9 bpm @ 29#. Saw break @ 2700# and then again @ 2100#. Balled off @ 3800#, 17 bpm rate. Shutdown, went on vacuum. RD BJ and RU Blue Jet. PU junk basket and RIH to retrieve balls. Recovered 164 balls w/ less than 45 % hit rate. RD w/l and RU BJ and prep to frac Menefee. Performed step rate test

CONOCO INC.
State Com O #12
API #30-045-29748
1825' FSL & 790' FEL, UNIT LETTER "I"
Sec. 16, T29N-R8W

during the pad, started @ 60 bpm @ 800# and ended up on vacuum. Frac'd Menefee w/ 116536 gals slickwater and 46500# 20/40 Brown sand. Pumped pad @ 60 bpm, 400 bbls into frac raised rate to 71 bpm. Pumped .5# & 1# @ 71 bpm. Pressure went up from 750# @ 60 bpm to 1250# @ 71 bpm. FG from .32 to .408. Max pressure 1500#, avg pressure 1300#, avg rate 69 bpm ISDP 0#. 1973 bbls to recover. Well on vacuum immediately. RD BJ and RU Blue Jet. PU 4 1/2" Halliburton composite plug and RIH. Set plug @ 4860'. POOH. RU rig pump and pressure test plug to 3800#, held ok. PU 3 1/8" select fire perf gun and RIH and perforate Cliffhouse w/ 62 holes in 2 gun runs shooting 2 spf of 12 gr, .3 dia shots. Perf as follows: 4664', 66', 76', 78', 80', 82', 84', 86', 88', 90', 92', 4710', 12', 14', 16', 18', 20', 22', 24', 26', 32', 48', 76', 79', 81', 4812', 14', 16', 18', 20', & 4822'. RD w/l and RU BJ. Pressure test lines and set pop-off. Breakdown perfs w/ 1500 gals 15% HCL and balloff w/ 124 7/8" 1.3 sg ball sealers. Load hole @ 16 bpm @ 500#, start HCL @ 11 bpm @ 464#. Saw break @ 1500#. Saw lots of ball action. Balled off @ 3800#, had to surge balls off twice. RD BJ and RU Blue Jet. PU junk basket and RIH to retrieve balls. Recovered 124 balls w/ 80% hit rate. RD w/l and RU BJ. Prep to frac Cliffhouse. Performed step rate test during the pad, started @ 61 bpm @ 1700# and ended up on vacuum. Frac'd Cliffhouse w/ 95250 gals slickwater and 38000# 20/40 Brown sand. Pumped pad @ 60 bpm, 1700#. 400 bbls into frac raised rate to 65.5 bpm. Pumped .5# & 1# @ 65.5 bpm. Pressure went up from 1330# @ 60 bpm to 1500# @ 65.5 bpm. FG from .218 to .524. Max pressure 1750#, avg pressure 1500#, avg rate 65 bpm ISDP 210#. 55# in 5 mins. and 0# @ 8 mins. 1545 bbls to recover. Well on vacuum. RD BJ and secure well for the night.

5/30/00 Check well pressures. Csg - 600 psi. Blow well down. RIH with 2 3/8" tubing with Baker Metal Muncher Mill. Tagged sand fill @ 4737'. with 150 jts. Rigged up power swivel and started 2 drill gas compressors. Unload well and cleaned sand to plug @ 4815'. Pumped soap sweeps to allow well to clean up. Drilled up fas drill plug @ 4815'. Cleaned on well the rest of the day. Pulled tubing up to 4452'. SHUT DOWN

5/31/00 Check well pressures. Csg - 800 psi. Tbg - 840 psi. Blow well down. RIH and tagged sand @ 5116'. Rigged up power swivel and started 2 drill gas compressors. Cleaned sand to 5222' and tagged Hallib Fas Drill Plug. Drilled up Hallib Fas Drill Plug. Continue to RIH and tagged sand @ 5338'. Cleaned sand to 5465'. Pulled tubing up to 4610' and let well flow up the tubing thru 1/2" choke nipple. Will drywatch thru the night.

6/1/2000 Drywatched well thru the night. Well flowing thru 1/2" choke nipple. Tbg - 230 psi. Csg - 500 psi. Well still making heavy water, and some sand. RIH with 2 3/8" tubing, tagged sand @ 5405'. Started 2 drill gas compressors and cleaned sand to Hallib Fas Drill Plug @ 5500'. Pumped soap sweeps to allow well to clean up. Pulled 2 3/8" tubing up to 4610'. Let well flow up the 2 3/8" tubing thru the 1/2" choke nipple. Tested well thru the night. With 2 3/8" tubing @ 4610' flowed well thru 1/2" choke nipple. TBG - 220 psi. CSG - 430 psi. MCFPD = 1452. OIL = 3 BBLS WATER = 25 BBLS. Test witnessed by Victor Barrios with Key Energy. THIS IS THE TEST FOR THE MESA VERDE ONLY. Will drywatch and clean well up thru the night.

6/2/00 Well flowed thru the night. Well flowing up the tubing thru 1/2" choke nipple. Tbg - 220 psi. Csg - 450 psi. Blow well down. RIH with 2 3/8" tubing, tagged fill @ 5465'. Rigged up power swivel and started 2 drill gas compressors. Cleaned sand fill to Fas Drill Plug @ 5500'. Drilled up Hallib Fas Drill Plug @ 5500'. Continue to RIH and tagged sand fill @ 7510' with 238 jts. Rigged up power swivel and started 2 drill gas compressors and cleaned sand to PBTD @ 7545'. Pumped soap sweeps to allow well to clean up. Pulled tubing up to 4610'. Make well flow up the tubing, thru 1/2" choke nipple. Will drywatch and let well clean up thru the weekend.

6/3/00 Drywatch and flow well to allow well to clean up. Well flowing @ 250 psi. - Tbg and 520 psi. - Csg. SHUT WELL IN 6/3/2000 @ 5: 00 PM.

6/5/00 Check well pressures. CSG - 600 psi. TBG - 750 psi. Open well blow down. POOH with 2 3/8" tubing with Baker Metal Muncher Mill. RIH with Mule Shoe Collar, SN and 2 3/8" tubing. Tagged sand fill @ 7500'. Started 2 drill gas compressors and cleaned sand to PBTD @ 7545'. Pumped soap sweeps to allow well to clean up. Pulled 2 3/8" tubing up to 7315' with KB added in. Landed 2 3/8" tubing @ 7315' with KB added in. Total tubing 231 jts. NDBOP & NUWH. Rig down drill gas compressors and Blowie Line. Rig down and move off location. FINAL REPORT