

DISTRICT I  
 P.O. Box 1980, Hobbs, NM 88240

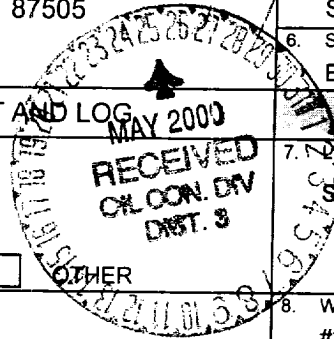
DISTRICT II  
 P.O. Box DD, Artesia, NM 88210

DISTRICT III  
 1000 Rio Brazos Rd., Aztec, NM 87412

**OIL CONSERVATION DIVISION**

2040 Pacheco St.  
 Santa Fe, NM 87505

**COPY**



WELL API NO. 30-045-29786  
 5. INDICATE TYPE OF LEASE  
 STATE  FEE   
 6. STATE OIL & GAS LEASE NO. E 5226

**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 RESVR OTHER  
 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  
 7. LEASE NAME OR UNIT AGREEMENT NAME: State Com G  
 8. WELL NO.: #3E  
 9. POOL NAME OF WILDCAT: Basin Dakota

4. WELL LOCATION  
 Unit Letter N :790' Feet From The SOUTH Line and 1665' Feet From The WEST Line  
 Section 32 Township 29 Range 8 NMPM San Juan County

10. DATE SPUDDED: 4-5-00  
 11. DATE T.D. REACHED: 4-12-00  
 12. DATE COMPL. (Ready to prod.): 5-3-00  
 13. ELEV. (FE, RKB, RT, GE, etc.): 5848' GL  
 14. ELEV. CASINGHEAD  
 15. TOTAL DEPTH: 6869  
 16. PLUG, BACK T.D.: 6841'  
 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: Basin Dakota 661' - 6807'  
 20. WAS DIRECTIONAL SURVEY MADE  
 21. TYPE ELECTRIC AND OTHER LOGS RUN: Dual Burst Thermal Decay Time Log  
 22. 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#	290'	12 1/4"	150 sxs	
7"	20#	2593'	8 3/4"	355 sxs	
4 1/2"	10.5#	6858'	6 1/4"	430 sxs	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD	SIZE	DEPTH SET	PACKER SET
					2 3/8"	6616'		

26. PERFORATION RECORD (Interval, size and number): See Attached summary.  
 27. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
 DEPTH INTERVAL: \_\_\_\_\_ AMOUNT AND KIND OF MATERIAL USED: SWF

28. PRODUCTION  
 DATE FIRST PRODUCTION: 5-3-00  
 PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump): Flowing  
 WELL STATUS (Producing or shut-in): Producing DH: #2561  
 DATE OF TEST: 4-19-00 HOURS TESTED: 24 hrs CHOKE SIZE: 1/2" PROD'N FOR TEST PERIOD: \_\_\_\_\_ OIL - BBL: 2 bbls GAS - MCF: 3300 MCFPD WATER - BBL: 50 bbls GAS - OIL RATIO: \_\_\_\_\_  
 FLOW TUBING PRESS: No Tbg CASING PRESSURE: 500# CALCULATED 24 - HR RATE: \_\_\_\_\_ OIL - BBL: 2 bbls GAS - MCF: 3300 MCFPD WATER - BBL: 50 bbls OIL GRAVITY - API (Corr): \_\_\_\_\_

29. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): V  
 TEST WITNESSED BY: Victor Barrios v./Key Energy

30. LIST ATTACHMENTS: 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: Verla Johnson TITLE: As Agent for Conoco Inc. DATE: 5-2-00  
 TYPE OR PRINT NAME: VERLA JOHNSON TELEPHONE NO.: (970) 385-9100

**CONOCO**  
**State Com G #3E Formation Tops**  
**Unit Ltr. N – Sec. 32-T29N-R8W, San Juan Co., NM.**

Ojo Alamo	1245	4616
Kirtland	1390	4471
Fruitland Fm.	1810	4051
Pictured Cliffs	2287	3574
Lewis	2590	3271
Chacra	3260	2601
Cliffhouse	3950	1911
Menefee	4050	1811
Point Lookout	4518	1343
Mancos	5150	711
Gallup	6038	-177
Greenhorn	6483	-622
Graneros	6552	-691
Two Wells	6600	-739
Paguate	6683	-822
Cubero	6714	-853
PBTD	6843	

Conoco Inc.  
**State Com G #3E**  
**API #30-045-29786**  
**790' FSL & 1665' FWL, UNIT LETTER "N"**  
**Sec. 32, T29N-R8W**

**4/13/00** Road rig to location. Rig up, spot all equipment. Spot tubing trailer etc. NDWH & NUBOP. RIH with 3 7/8" bit and 2 3/8" tubing. Tally all tubing. Ran 38 jts @ 1193'.

**4/14/00** Continue to RIH with 2 3/8" tubing with 3 7/8" bit. Tagged TOC @ 6765' drill cement to Float Collar @ 6770' with KB added in. Drill up float collar and Drill Cement to PBDT @ 6841' with KB added in. Circulate well clean with 1% KCL Water. Fill up and 7" inter casing. Took 11 bbls to load, and tested to 500 psi. - OK. Tested 4 1/2" casing from surface to 6841' to 3800 psi. - OK. POOH with 2 3/8" tubing and 3 7/8" bit.

**4/17/00** Rig up Schlumberger, run TDT log from 6843' to 1000'. Rig down Schlumberger. Fax log to Houston. Rig up frac valve and frac Y. Prep well to frac.

**4/18/00** Rig up Blue Jet to perf. Perf Dakota (TWO WELLS) @ 6601- 03- 05- 07- 09- 11- 13- 15- 17- 19- 61- 63. Shot @ 2 SPF Total holes 24. Perf Dakota (Paquate) @ 6685- 87- 89- 91- 93- 95- 97- 99- 6701 shot @ 2 SPF Total holes 18. Perf Dakota (Cubero) @ 6723-25- 27- 54- 56- 58- 64- 66- 68- 70- 72- 74- 76- 78- 80- 82- 84- 86- 95- 97- 99- 6801- 03- 05- 07 shot @ 2 SPF. Total holes 50. TOTAL HOLES for Dakota 92 holes. Rigged up to BJ to breakdown perfs. Pumped water with 150 ball sealers. Pumped water @ 14.7 BPM @ 1700 psi. Had good ball action. Well did not ball off. Rigged up Blue Jet to retrieve balls, with junk basket. Rigged up BJ to frac Dakota. Fraced Dakota with 55,160# of 20/40 Brady sand. Avg rate 63 BPM @ 3440 PSI. Max pressure 3580 psi. Max rate 67 BPM. Max sand conc 1/2 # gal. Total fluid pumped 5947 bbls. ISIP - 1708 PSI. 15 - MIN. 1508 PSI. Rigged down BJ. (NOTE: FRAC WAS TAGGED WITH SINGLE ISOTOPE RA MATERIAL.) Opened well and started flowing back thru 1/2" choke nipple. Initial flowback pressure 1350 psi. Drywatched and flowed well back thru 1/2" choke nipple thru the night. Pressure dropped to 850 psi, and down to 300 psi and then built back up to 500 psi after unloading most of the fluid. Pressure stabilized @ 500 psi flowing up the casing thru 1/2" choke nipple.

**4/19/00** Well still flowing up the casing, thru 1/2" choke nipple. Flowing @ 500 psi. MCFPD = 3300. Water - 50 bbls Oil - 2 bbls. Test witnessed by Victor Barrios with Key Energy. Blow well down. Rigged up Blue Jet. Set Hallib Fas Drill Plug @ 4900'. Loaded casing and tested plug to 3800 psi. - OK. Rigged up Blue Jet to perf Point Lookout (MV). Perf @ 4519-23-29-37-39-41-43-45-47-49-51-53-55-61-63-65-67-69-95-97-99- 4601-4703- 05-53-55. Perf @ 2 SPF. Total holes 52. Shot with 3 1/8" HSC .32" hole size. Rigged down Blue Jet. Prep well to frac.

**4/20/00** Rig up BJ. Breakdown Point Lookout (MV) with water with 104 Ball sealers. Avg pressure 2000 psi @ 13 BPM. Max pressure 3650 psi. Good ball action, well did not ball off. ISIP- 0 psi. Rig up Blue Jet to run junk basket to retrieve balls. Retrieved 21 balls with 13 hits. Rigged up to frac, pumped in @ 15 BPM @ 3000 psi. Decided to run in with junk basket again. Run in with junk basket, did not retrieve any balls. Rigged up to frac again, pumped in @ same rate. Decided to run junk basket again. Did not retrieve any balls again. Called for 1500 gals of 15% HCL Acid. Rigged up to acidize. Acidized with 1500 gals of 15% HCL Acid with 104 ball sealers, avg rate 10 BPM @ 3650 psi avg pressure. Max pressure 3650 psi. Run junk basket, retrieved 104 balls with 52 hits. Rigged up to frac. Fraced Point Lookout (MV) with 53,680# of 20/40 Brady sand @ 68 BPM avg rate @ 1060 psi avg pressure. Max pressure 1150 psi. Max sand conc 1# gal. Total fluid 2392 BBLs of slickwater. ISIP - 0 psi. Rigged up Blue Jet set Hallib Fas Drill Plug @ 4500'. Loaded casing and tested plug to 3800 psi. - OK. Perf Menefee (MV) with 3 1/8" HSC @ 4274-81-84-86-88-98-4300-02-04-06-88-90-92-4415- 17-19-21-23-25-27-29-31-42-44-46-48-50-52 54. Shot @ 2 SPF Total holes 58.

**4/24/00** Rigged up BJ to acidize Menefee (MV). Acidized with 1500 gals of 15% HCL Acid with 116 ball sealers. Pumped @ 12 BPM avg rate @ 900 psi avg pressure. Max pressure 3750 psi. Well balled off. Rigged up Blue Jet to retrieve balls. RIH with junk basket retrieved 113 balls with 58 hits. Rigged up BJ to frac. Fraced Menefee with 39465# of 20/40 Brady sand. Avg rate 65 BPM @ 1950 psi avg pressure. Max sand conc 1#/gal. Max pressure 2100 psi. Total fluid pumped 1821 BBLs of slickwater. ISIP - 550 psi. Rigged up Blue Jet, set Hallib. 4 1/2" Fas Drill Plug @ 4260'. Tested plug and casing to 3800 psi. - Ok. Perf Cliffhouse and Upper Menefee (MV) @ 3951-56-80-82-84-4010-12-14-16-18-20-29-31-33-35-37-40-46-48-4103 -05-07-64-66-4217- 19-26. Perf with 3 1/8" HSC. 2 SPF .32" hole size. TOTAL HOLES 54. Rigged up BJ to acidize. Acidized with 1500 gals of 15% HCL Acid with 108 ball sealers. Avg rate 15 BPM @ 900 psi, avg pressure. Max pressure 3800 psi. Well balled off. Rigged up Blue Jet, RIH with junk basket retrieved 107 balls with 54 hits. Rigged up BJ to frac Cliffhouse and Upper Menefee (MV). Fraced with 62500# of 20/40 Brady sand. Avg rate 66 BPM @ 1820 psi avg pressure. Max sand conc 1# gal. Max pressure 1860 psi. Total fluid pumped 3100 BBLs of slickwater. ISIP - 500 psi. 15 min. - 115 psi. Rigged down BJ.

**4/25/00** Check well. NO pressure. Open well to pit. Rigged up Blowie line, and drill gas compressors. Purged all lines and started 2 drill gas compressors. RIH with 2 3/8" tubing with Baker 3 7/8" Metal Muncher Mill. Tagged sand fill @ 4180'. Started 2 drill gas compressors, and unload well with gas. Cleaned sand to Hallib Fas Drill Plug @ 4260'. Drilled up Fas Drill Plug @ 4260'. Well started unloading heavy sand and fluid. Pulled up to 3963'.

**Conoco Inc.**  
**State Com G #3E**  
**API #30-045-29786**  
**790' FSL & 1665' FWL, UNIT LETTER "N"**  
**Sec. 32, T29N-R8W**

**4/26/00** Check well pressures. Tubing 820 psi. Casing 950 psi. Blow well down. RIH to tag for fill. Tagged fill @ 4400' with 140 jts. Picked up power swivel. Started 2 drill gas compressors and unloaded well. Cleaned sand fill to 4500'. Tagged Hallib 4 1/2" Fas Drill Plug @ 4500'. Pumped soap sweep to clean well bore. Started to drill up plug with mill. Well circulating good. Stuck mill. Well still circulating good. Tried to work loose. Rigged up Weatherford Free Point. RIH with string shot to 4505'. Tried to work loose, after string shot, no luck. RIH with freepoint indicator. Freepoint shows to be free down to mill. Cut 2 3/8" tubing @ 4495'. Rigged down freepoint. POOH with 4495' of 2 3/8" tubing.

**4/27/00** Check well pressure. Csg - 500 psi. Open well blow down. RIH with overshot, bumper sub, 6 - Drill Collars, and Hyd Jars. Tagged fish, Started 2 drill gas compressors and circulated well. Latch onto fish. Jarred on fish. POOH with 2 3/8" tubing and tools. Had 1 ft of 2 3/8" tubing in the grapple. RIH with 2 3/8" tubing with 1 jt of wash pipe. Started 2 drill gas compressors, and circulated down to fish @ 4500'. After sand cleaned up, fish dropped down the hole to 4657'. Pulled up the hole to 3479'.

**4/28/00** Check well pressures. 500 psi Csg & Tbg. Blow well down. RIH with 2 3/8" tubing with wash pipe. Tagged sand @ 4630' for 27' of fill. Started 2 drill gas compressors and cleaned sand to fish @ 4670'. Jammed fish up in wash pipe. POOH with 2 3/8" with tools and Metal Muncher Mill in the wash pipe. RIH with 2 3/8" tubing with Mill. Tagged sand @ 4670', started 2 drill gas compressors and cleaned sand to 4820'. Pumped soap sweeps and pulled 2 3/8" tubing to 3930'. Unloaded well and started flowing up the 2 3/8" tubing thru 1/2 Choke Nipple. Will drywatch and test thru the weekend.

**4/29/00** Drywatch & test. Still making sand and water.

**4/30/00** With 2 3/8" tubing @ 3930' well is flowing thru 1/2" choke nipple. Well tested as follows. Mesa Verde test only. TBG - 60 PSI. CSG - 320 PSI. MCFPD = 396. OIL - 3 BBLs WATER - 20 BBLs. Test witnessed by Mike Store with L & R Const. SHUT WELL IN 4/30/2000 @ 7:00 AM.

**5/1/00** Check well pressures. Tbg - 500 psi. Csg - 450 psi. Kill tubing. RIH and tagged sand fill @ 4748'. Rigged up power swivel, and started 2 drill gas compressors. Cleaned sand to Hallib Fas Drill Plug @ 4900'. Pumped soap sweeps. Drilled up Hallib Fas Drill Plug @ 4900'. Well unloaded and plugged metal muncher mill. POOH with 2 3/8" tubing with mill. RIH with 2 3/8" tubing with mill. Tagged fill @ 6762'. Pumped soap sweeps and started 2 drill gas compressors cleaned sand to PBTD @ 6841'. Pumped soap sweeps and pulled tubing up to 6100'. Make well flow up the tubing thru 1/2" choke nipple. Will drywatch and flow thru the night. Drywatched thru the night. Tbg- 300 psi. Csg - 500 psi. Flowing thru 1/2" choke nipple. This is the MV/DK together.

**5/2/00** Check well still flowing. Flowing @ 300 psi thru 1/2" choke nipple. Csg - 500 psi. POOH with 2 3/8" tubing with Metal Muncher Mill. RIH with Mule Shoe Collar, SN & 2 3/8" tubing. Tagged sand fill @ 6834'. Started 2 drill gas compressors and cleaned sand to PBTD @ 6841'. Pumped soap sweeps. Rigged up Blue Jet. Run RA Tracer log from 6841 to 5700'. Log showed Dakota frac to stay in zone. Rigged down Blue Jet. Pulled up and landed 2 3/8" tubing @ 6616' with KEI added in. TOTAL TUBING 210 jts. NDBOP & NUWH. Rig down & move off location. FINAL REPORT