

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

DISTRICT I
PO BOX 1980, Hobbs, NM 88240

DISTRICT II
PO. 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

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Form C-105
Revised 1-1-89

WELL API NO. 30-045-13369
5. INDICATE TYPE OF LEASE STATE ☒ FEE ☐
6. STATE OIL & GAS LEASE NO.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐	7. LEASE NAME OR UNIT AGREEMENT NAME STATE
b. TYPE OF COMPLETION: NEW WORK PLUG DIFF WELL ☒ OVER ☐ DEEPEN ☐ BACK ☐ RESVR ☒ OTHER	
2. NAME OF OPERATOR CONOCO INC.	8. WELL NO. 32
3. ADDRESS OF OPERATOR 10 DESTA DRIVE, STE. 100W, MIDLAND, TEXAS 79705-4500 (915) 686-5424	9. POOL NAME OR WILDCAT BLANCO MESA VERDE
4. WELL LOCATION Unit Letter <u>O</u> : <u>990'</u> Feet From The <u>SOUTH</u> Line and <u>1580'</u> Feet From The <u>EAST</u> Line Section <u>36</u> Township <u>30</u> Range <u>11</u> NMPM <u>SAN JUAN</u> County	

10. DATE SPUDDED 02-13-65	11. DATE T.D. REACHED 03-01-65	12. DATE COMPL. (Ready to prod.) 03-01-65 12-11-97	13. ELEV. (FE, RKB, RT, GE, etc.) 5978' GR	14. ELEV. CASINGHEAD
15. TOTAL DEPTH 6968'	16. PLUG, BACK T.D. 6900'	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 BLANCO MESA VERDE				20. WAS DIRECTIONAL SURVEY MADE
21. TYPE ELECTRIC AND OTHER LOGS RUN				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#	286'	13-3/4"	200 SX	
5-1/2"	15.5# & 17#	6947'	8-3/4" & 7-7/8"	850 SX	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8"	4289' (TEST)
						6801' (FINAL)
						DHC #1673

26. PERFORATION RECORD (Interval, size, and type)	27. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED
SEE ATTACHED SUMMARY		

28. PRODUCTION							
DATE FIRST PRODUCTION 12-11-97		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) FLOWING				WELL STATUS (Producing or shut-in) PRODUCING - DHC (#1673) DK/MV	
DATE OF TEST 12-11-97	HOURS TESTED 24 HRS.	CHOKE SIZE 1/2"	PROD'N FOR TEST PERIOD	OIL - BBL 2	GAS - MCF 2.9 MMCFG	WATER - BBL 1	GAS - OIL RATIO
FLOW TUBING PRESS 475#	CASING PRESSURE 770#	CALCULATED 24 - HR RATE	OIL - BBL 2	GAS - MCF 2.9 MMCFG	WATER - BBL 1	OIL GRAVITY - API (Corr)	

29. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) FLARED	TEST WITNESSED BY MANUAL RUBIO & OMAR DIAZ/BIG A
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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 Sylvia Johnson
TYPE OR PRINT NAME SYLVIA JOHNSON

TITLE As Agent for Conoco Inc.
TELEPHONE NO. (505) 324-3960

DATE 01-05-97

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37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Tertiary	surface	1208				
Kirtland	1208	2083				
Fruitland	2083	2368				
Pictured Cliffs	2368	2425				
Lewis	2425	3944				
Mesa Verde	3944	4966				
Mancos	4966	5892				
Gallup	5892	6400				
Mancos	6400	6636				
Greenhorn	6636	6693				
Grameroe	6693	6822				
Dakota	6822	6967				

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CONOCO INC.
STATE 32
API # 30-045-13369
SEC. 36 - T30N - R11W UNIT LETTER "O"
990' FSL - 1580' FEL

12/01/97 MIRU. Blow well down to rig pit. Kill well w/ 40 bbls. 1% KCl water. ND tree and NU BOP. POOH w/ tbg hanger, 214 jts 2-3/8", 4.7 ppf, J-55, 8RD EUE tbg, Nipple & 1 jt 2-3/8" tbg.

12/02/97 RU BJ & RIH w/ 5-1/2" HOWCO Fas-Drill BP. Set same @ 6600'. RIH & log from 5000' to 3243'. TOC @ 4050'. Good cement bond above, below & across proposed perfs.

12/03/97 PU & RIH w/ 5-1/2" "C" Retrievmatic pkr on 2-3/8" tbg to 4481' KB. Circ and load wellbore w/ 1% KCl water (20bbls.). Set pkr @ 4481'. Pressure up to 2500 psi in stages for 5 min @ each stage, OK. Bled off pressure. Release pkr, RIH & set same @ 6574'. Release pkr, POOH & set pkr @ 5292'. Release pkr, POOH & set pkr @ 5166'. RIH & set pkr @ 5198'. Release pkr, RIH & set pkr @ 5213'. Csg leak between 5198' to 5213'. Est. injection rate of 2/3 bpm @ 1000 psi. Release pkr, POOH & LD pkr. RU BJ & RIH w/CBL/VDL/GR/CCL logging tool. Log f/6596' to 5824'.

12/04/97 RU BJ & RIH w/CBL/VDL/GR/CCL logging tool. RIH w/ squeeze perf gun & perf 2 5206' w/ 2 JSPF. POOH & RD BJ. RIH w/ 5-1/2" Retrievmatic pkr on 2-3/8" tbg and set pkr 2 4884'. RU BJ Hughes. Mix & pump 50 sx Class B cmt w/ 0.4% FL-25 (yield: 1.2 cf/sx, weight: 15.6 PPG) and 50 sx Class B Neat cmt (yield: 1.2 cf/sx, weight: 15.6 PPG). Displace w/ 21 bbls 1% KCl water @ 1.5 BPM @ 0 psi. Final squeeze pressure of 1000 psi. Calculated cement squeezed behind csg: 84 sx, calculated cmt left in csg: 16 sx and calculated TOC in csg: 5053'. Release pkr and POOH to 4232'. Set pkr @ 4232'. RD BJ Hughes.

12/05/97 Release pkr @ 4232' & POOH. Tag cmt @ 5074'. DO cmt f/5074' to 5209'. Fell out of cmt @ 5209'. RU BJ & RIH w/ 5-1/2" HOWCO Fas-Drill BP. Set Same @ 4790'. Pressure test BP w/ 1000 psi, OK. RIH w/ 3-1/8" select-fire perf gun. Pressure up on csg w/ 1000 psi. Perf Point Lookout @ 4882-69-67-64-49-47-41-31-19-4799-4797-39-37-31-29-20-13-04-4697-83-81-79-77-75-68-62 w/ JSPF (total: 26 DP shots, 0.32" OD).

12/06/97 NU wellhead isolation stinger tool & frac valves. RU BJ Hughes. Press test frac line to 4000 psi. Pump 30 bbls 1% KCl water 500 gal. 15% HCl acid (releasing 39 frac ball in 3/bbl stages) and 123 bbls 1% KCl water. Max: 27 BPM & 2500 psi. Did not ballout. RD frac line & pull WH isolation stinger. Recovered 39 frac balls, 24 hits. Press test lines to 4000 psi. Pump 238 bbls. 1% KCl slickwater pad @ 40 BPM/1650 psi, 292 bbls. 1% Slickwater w/ 0.5 PPG 20/40 sand @ 40 BPM/1450 psi, 896 bbls. 1% KCl slickwater w/ 1 PPG 20/40 sand @ 40 BPM/1450 psi, 447 bbls. 1% slickwater w/ 1.5 PPG 20/40 sand @ 35 BPM/2500 psi and 112 bbls. 1% KCl slickwater flush @ 35-10 BPM/2500-2000 psi. Avg.: 35 BPM/2100 psi. ISIP: 400 psi, 5 min: 180 psi, 10 min: 180 psi, 15 min: 180 psi. RIH w/ 5-1/2" HOWCO Fas-Drill BP & set same @ 4620'. POOH. Close blind rams & pressure test BP w/ 1000 psi, OK. Rel press RIH w/ 3-1/8" select-fire perf gun. Perf w/ 1 JSPF @ 4541-39-33-31-29-12-4474-72-70-4389-72-65-34-32-30-28-13-06-4291-88 Total 20 perfs, 0.32" OD, DP w/ 1000 psi. POOH. Found gun @ 4288' did not fire, wiring problem. RIH & per w/ 1 JSPF @ 4288'. POOH. Press test lines to 4000 psi. Pump 87 bbls. 1% KCl water, 500 gals 15% HCl acid and 131 bbls. 1% KCl water. Max: 29BPM/2350 psi. Did not ballout. SD until Backflow decreased to a trickle. RD frac line & pull WH isolation stinger. RIH w/ junk basket to 4620'. Work same @ 4620'. POOH. Recovered 30 frac balls, 16 hits. RD BJ. NU WH isolation stinger & frac line. Pressure test line to 4000 psi. Pump 238 bbls. 1% KCl slickwater pad @ 34 BPM/2200 psi, 292 bbls. 1% slickwater w/ 0.5 PPG 20/40 sand @ 34 BPM/2050 psi, 796 bbls. 1% KCl slickwater w/ 1 PPG

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(CONT.)

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20/40 sand @ 36 BPM/1970psi, 305 bbls. 1% KCl slickwater w/ 1.5 PPG 20/40 sand @ 32 BPM/2450 psi, 189 bbls. 1% KCl slickwater w/ 0.5 to 2 PPG SDC 20/40 sand @ 32 BPM/2300 psi and 100 bbls. 1% KCl slickwater @ 25 - 0 BPM/2000 psi - 1100 psi. Avg.: 35 BPM/2100 PSI. isip: 1100 psi, 5 min: 840 psi, 10 min: 800 psi & 15 min: 790 psi.

12/08/97 ND WH isolation tool. NU blewey tee. RIH w/4-3/4" mill tooth bit, bit sub, 1 jt 2-3/8" tbg, float sub & 33 stands 2-3/8" tbg to 2050'. RU blewey line & drill gas package.

12/09/97 Clean out fill to BP @ 4620', pumping 3 bbls 1% KCl sweeps & circ. well clean. DO 5-1/2" HOWCO Fas-drill BP in 8 min.

12/10/97 CO to BP @ 4970'. RIH w/ NC, SN and 2-3/8" tbg to 4289'. RU flow tee.

12/11/97 Stabilized test rate: 2.9 MMCFG, 2 BOPD & 1 BWPD w/ FTP of 475 psi and CP of 770 psi thru 1/2" bean choke and 2" flowline to atmosphere. Witnessed by Manual Rubio & Omar Diaz-Big A. Kill well. DO Fas-Drill BP @ 4970'. Cont. RIH & DO Fas-Drill BP @ 6600'. Cont. RIH & CO f/6840' to 6900' (PBD).

12/12/97 Kill well. RIH w/ NC, SN, 218 jts 2-3/8", 4.7 ppf, J-55, 8RD EUE tbg and tbg hanger. Land EOT @ 6801', SN @ 6800'. ND Blewey Tee & BOP. Release well to production.