

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE *
(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *						5. LEASE DESIGNATION AND SERIAL NO. CONTRACT #145	
1a. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☒ DEEP-EN ☐ DIFF. RESVR. ☒ OTHER ☐						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
						7. UNIT AGREEMENT NAME JICARILLA K	
2. NAME OF OPERATOR CONOCO INC.						8. FARM OR LEASE NAME, WELL NO. #17	
3. ADDRESS OF OPERATOR 10 DESTA DRIVE, STE. 100W, MIDLAND, TX 79705 (915) 686-5424						9. API WELL NO. 30-039-20433	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) * At surface 1450' FSL - 2140' FWL LETTER "K" At top prod. Interval reported below At total depth						10. FIELD AND POOL, OR WILDCAT BLANCO MESA VERDE	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA K SEC 12, T25N-R05W						12. COUNTY OR PARISH RIO ARRIBA	
						13. STATE NM	
15. DATE SPURRED 10/23/71		16. DATE T.D. REACHED 02/06/98		17. DATE COMPL. (Ready to prod.) 02/06/98		18. ELEV. (DF, RKB, RT, GR, ETC) 6967' RKB	
19. ELEV. CASINGHEAD 6956' GR							
20. TOTAL DEPTH, MD & TVD 7770'		21. PLUG, BACK T.D. MD. & TVD 7642'		22. IF MULTIPLE COMPL. HOW MANY * 1		23. INTERVALS DRILLED BY ROTARY ☒ CABLE ☐ TOOLS ☒ TOOLS ☐	
24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 5461' - 5677' BLANCO MESA VERDE						25. WAS DIRECTIONAL SURVEY MADE	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED	
28. CASING RECORD (Report all strings individually)							
CASING SIZE/GRADE		WEIGHT, LB/FT		DEPTH SET (MD)		HOLE SIZE	
8-5/8"		24#		308' 294'		12-1/4"	
4-1/2"		10.5#		770' 726'		7-7/8"	
						TOP OF CEMENT, CEMENTING RECORD	
						250 SXS	
						2500 CU.FT. 2800	
29. LINER RECORD							
SIZE		T.C.P. (MD)		BOTTOM (MD)		SACKS CEMENT *	
						SCREEN (MD)	
						30. TUBING RECORD	
						SIZE	
						2-3/8	
						DEPTH SET (MD)	
						5283' (test)	
						7627' (final)	
						PACKER SET (MD)	
						DHC #1613	
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
SEE ATTACHED SUMMARY				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
33. * PRODUCTION							
DATE FIRST PRODUCTION 02-06-98		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) FLOWING				WELL STATUS (Producing or shut-in) Producing OC/MV/DK Per DHC #1613	
DATE OF TEST 02-06-98		HOURS TESTED 24 HRS		CHOKE SIZE 1/2"		PROD'N FOR TEST PERIOD	
						OIL - BBL 8	
						GAS - MCF 83 MCFD	
						WATER - BBL 6	
						GAS - OIL RATIO	
FLOW. TUBING PRESS 470#		CASING PRESSURE 780#		CALCULATED 24 - HR RATE →		OIL - BBL 8	
						GAS - MCF 83 MCFD	
						WATER - BBL 6	
						OIL GRAVITY - API (CORR)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) FLARED						TEST WITNESSED BY JUDSON DIAZ/CONOCO	
35. LIST OF ATTACHMENTS: SUMMARY							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>Sylvia Johnson</u>				TITLE <u>SYLVIA JOHNSON, As Agent for Conoco Inc.</u> DATE <u>02-09-98</u>			

COPY

CONOCO INC.
JICARILLA K-17
API # 30-039-20433
SEC. 12 - T25N - R05W UNIT LETTER "K"
1450' FSL - 2140' FWL

- 11/11/97** MIRU Kill well w/40 bbls 1% KCl. NDW & NUBOP. RIH w/tbg & tag fill 124'. POOH w/tbg 100 jts 3100'.
- 11/12/97** Csg press 400#. Kill well w/ 40 bbls 1% KCl, POOH w/152 jts 2-3/8" tbg 4100'. RIH RBP/pkr 4-1/2" set RBP @ 4100'. Test csg to 3000# Tested OK, RIH to 5740'.
- 11/13/97** Kill well w/20 bbls 1% KCl, ran GCL from 5688' to 4345'. RIH 3-1/8". Perfs as follows: 5461'-63-65-92-94-96-98-5521-23-25-5613-15-17-19-23-27-29-31-62-64-73-75-77, 23 holes. POOH w/perf guns, tag up RBP @ 7732' pull up RBP set @ 5720'. Test plug to 3000#, PU to 5675'.
- 11/14/97** Csg press 150#, spot 300 gals 15% HCl acid across perfs. Pull tbg up to 5450', set pkr. Acidized new perfs w/300 gals 15% HCl @ 5 BPM. Dropped 35 ball sealers. Break point 1850#. Treating @ 5 BPM/1800# press. ISDP 490#. POOH w/ tbg & treating pkr. RIH w/2-7/8" frac liner. Set from 4131'-4225'. Base fluid type 1% KCl fluid. Vol. 56028 bal. Prop type 20/40 AZ. 59790# 20/40 & SDC 6150# pumped. Treating Press. Min. 1965# max. 2150# avg. 1980# avg. inj. rate 32 BPM ISDP 900# final shut in press 777#.
- 11/15/97** Csg 120#, tag liner 4131'. RIH w/notch collar, SN & 3000' of 2-3/8" tbg. RU compressors.
- 11/17/97** No press on csg, recovered 250 bbls H2O. RIH w/tbg to 3800'. Unload well, making lots of H2O.
- 11/18/97** Csg. 300#, RIH w/tbg, tag fill @ 5520', CO fill to 5560', recovered 20 bbls oil & 200 bbls H2O.
- 11/19/97** Csg 120# tbg 420#, RIH & tag fill @ 5535', made 25' of fill, CO fill to 5560', recovered 400 bbls H2O, 10 bbls oil.
- 11/20/97** Csg 220# tbg 400#, RIH tbg to 4390', unloaded well, recovered 230 bbls H2O & 5 bbls oil.
- 11/21/97** Csg 700# tbg 750#, EOT 4900' unloaded well RIH w/tbg to 5150' unload recovered 240 bbls H2O, 5 bbls oil.
- 11/22/97** Csg 700# tbg 750#, open tbg, RIH tbg, tag fill 5570', clean fill to 5690', unload well, pull tbg up to 5100'.
- 11/24/97** Csg 700# tbg 750#, RIH & tag fill @ 5675', made 15' of fill, CO to 5700', PU to 5100', recovered 240 bbls H2O, 5 bbls oil.
- 11/25/97** Csg 700# tbg 750#, open tbg, RIH & tag fill @ 5700', PU to 5100', recovered 100 bbls of fluid.
- 11/26/97** Csg 400# tbg 110#, made 40 bbls H2O, 5bbls oil, charge up backside to 650#, csg 370#, tbg 60#.
- 12/01/97** Csg 700# 50# tbg, made 14 swabs, recovered 60 bbls H2O 5 bbls oil, flow to pit, then LO csg to 420#, swabbing fluid level back up to 3000' recovered 30 bbls H2O, total fluids 90 swab/30 flowed.
- 12/03/97** Csg 680# tbg 780#, 2600' made 3 swabs, recovered 70 bbls H2O, flowed 30 bbls, total fluids 100 bbls csg press 320#.
- 12/04/97** Csg 600# tbg 600#, RIH 160' tbg tag fill POOH tbg SN, RIH w/pkr an 2-3/8" tbg set pkr @ 5398' made 5 swabs recovered 40 bbls H2O.
- 12/05/97** Csg 330#, tbg 760#, made 20 bbls fluid, made 1 swab run well kick off, total fluids recovered 40 bbls.
- 12/08/97** Csg 330#, tbg 900#, fluid level 4200', made 20 bbls H2O, 5 oil.
- 12/09/97** Fluid level 2100' on 1st swab run, fluid level 4200', swab back 80 bbls H2O 10 bbls oil.
- 12/10/97** Csg 640#, tbg 760#, fluid lever 2100', rel pkr POOH w/5395' 2-3/8" tbg an pkr.

12/11/97 Csg 400#, set @ 5450' +/-, CBL ran from 5450' +/- to 4204'.

12/12/97 Csg 650#, RIH w/RBP retrieving head an pkr an 2-3/8" tbg to 5662' set RBP. PU tbg set pkr 5574', made 14 swabs recovered 22 bbls, fluid level 2800', final level 3000', csg press 200#, tbg 0#.

12/15/97 Csg 650# tbg 20#, made 16 swabs recovered 80 bbls fluids, fluid level 2600', final level 4000'.

12/16/97 Csg 650# tbg 250#, made 18 swabs recovered 85 bbls, fluid level 2800', final level 4500'.

12/17/97 Csg 650# tbg 250#, RIH w/ perf gun made 4 perf @ 5270'.

12/18/97 Csg 650# tbg 300#, RIH RBP retrieving head an pkr set RBP 5398', PU tbg to 5240' set pkr, squeeze perfs 1/2 bbl/1600#.

12/19/97 RIH w/cmt retainer to 5240', 2 BPM/2000# squeeze w/25sx of Class B cmt w/ fluid loss mix 15.6 displace to retainer @ 1 BPM/1500# sting out of retainer POOH w/tbg.

12/22/97 Csg 300#, RIH w/ 2-3/8" tbg tag cmt @ 5235', cmt to 5260' circ. hole start POOH tbg.

12/23/97 No cmt below retainer, RIH w/ retrieving head an pkr 2-3/8" tbg to 5240'.

12/24/97 RIH, pkr to 5230' set pkr test squeeze to 1600# held OK, rel pkr, PU pkr to 5150'.

12/29/97 Csg 400#, POOH w/ pkr 5140' of 2-3/8" tbg RIH w/ bit an 2-3/8" tbg to 5000'.

12/30/97 Csg 350#, RIH tbg an bit tag fill 5367', 33' of fill on plug, clean fill to top of plug 5400'.

12/31/97 Csg 360#, RIH tag RBP 5400' no fill POOH w/ tbg, RIH.

01/02/98 Csg 640#, tbg 580#, circ. well, 70 bbls of fluid circ down, unloaded 40 bbls of fluid, total recovered 110 bbls fluid, csg 300#, tbg 150#.

01/03/98 Csg 640#, tbg 580#, 1/2" choke nipple flowed, csg down to 400# flowed 20 bbls H2O, fluid level 3000' made 15 swab runs csg up to 560# fluid level 5000', kicked well off flowed csg down to 440#, total fluid recovered 120 bbls

01/05/98 Csg 740#, tbg 400#, fluid level 3000' made 2 swabs, total runs 15, final fluid level 4500', recovered 60 bbls.

01/06/98 Csg 700# tbg 500#, no choke, unloaded 20 bbls of fluid csg flowed down to 375# well LO, RIH tbg tag fill 5623' CO fill to 5700' total fluid recovered 45 bbls PU tbg to 5500'

01/07/98 Csg 700# tbg 400#, RIH w/tbg to 5700' circ well PU tbg to 5500'.

01/08/98 Csg 550# tbg 350#, 375# recovered 4 bbls of fluid well LO. RIH, recovered 25 bbls total.

01/09/98 Csg 580# tbg 400#, recovered 8 bbls fluid, RIH tbg tag latch RBP @ 5679', RIH w/retrieving head, tbg to 5400'.

01/10/98 Csg 580# tbg 400#, RBP @ 5750' we have 71' of fill clean to 5729'.

01/12/98 Csg 600# tbg 400#, RIH tbg tag fill @ 5723', CO to 5750', PU tbg to 5400'

01/13/98 Csg 600# tbg 400#, RIH w/ tbg tag RBP 5750' circ top of RBP, rel plug an 2-3/8" tbg to 7100'.

01/14/98 Csg 650# tbg 650", RIH w/tbg tag fill 7648' CO to 7661', circ well 10' of perfs covered.

01/15/98 Csg 650# tbg 650#, RIH tbg tag fill 7661' circ well, clean fill to 7700', land tbg 7627', NDBOP, NUWH.

01/16/98 Csg 700# tbg 650#, csg press down to 400#, 530# recover 20 bbls of fluids.

02/06/98 Test MV: 470# tbg press, 780# csg press, 8 oil, 6 water, 83 MCFD, 1/2" choke, test witnessed by Judson Diaz/Conoco.