

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240
FORM APPROVED
004-0137
Expires: February 28, 1995
DESIGNATION AND SERIAL NO.
NM 86153

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR CONCHO RESOURCES INC.				8. FARM OR LEASE NAME, WELL NO. Tomcat '21' Federal #3	
3. ADDRESS AND TELEPHONE NO. 110 W LOUISIANA STE 410; MIDLAND TX 79701				9. API WELL NO. 30025-33911	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FNL & 660' FWL At top prod. interval reported below same At total depth same				10. FIELD AND POOL, OR WILDCAT Diamondtail Delaware SW	
14. PERMIT NO.				DATE ISSUED	
15. DATE SPUDDED 03/15/01				12. COUNTY OR PARISH Lea	
16. DATE T.D. REACHED 04/01/01				13. STATE NM	
17. DATE COMPL. (Ready to prod.) 04/23/01				19. ELEV. CASINGHEAD 3675	
18. ELEVATIONS (DF, RKB, RT, GE, ETC.)* 3674				20. TOTAL DEPTH, MD & TVD 8650	
21. PLUG, BACK T.D., MD & TVD 8566				22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY				ROTARY TOOLS XXXXXX	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* 8466-80' Delaware 7386-7408' Delaware				25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN CNL FDC DLL GR				27. WAS WELL CORED No	

CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8 H40	48#	611	17-1/2	surface. 595 sx C	0
8-5/8 S80	32#	4815	12-1/4	surface. 1700 sx C	0
5-1/2 J55	17#	8650	7-7/8	TOC @ 3710'. 460 sx H/400 sx C	0

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	8484	
31. PERFORATION RECORD (Interval, size and number) 8466-8480' w/ 2 SPF (29 holes) 7386-7408 w/ 2 SPF (45 holes)					32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 8466-8480 frac w/ 25100 gals YF 130 gel 99820# 16/30 sd & 6000# RC sd 7386-7408 acid w/ 2000 gals 7.5% NEFE frac w/ 3500 gals YF 130 gel 99820# 16/30 Jordan sd & 18000# RC 16/30 sd		

33. * PRODUCTION							
DATE FIRST PRODUCTION 04/29/01		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) pumping 2-1/2"X1-1/2"X24'				WELL STATUS (Producing or shut-in) prod	
DATE OF TEST 05/09/01	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD →	OIL—BBL. 88	GAS—MCF. 100	WATER—BBL. 254	GAS-OIL RATIO 1136
FLOW. TUBING PRESS.	CASING PRESSURE 50	CALCULATED 24-HOUR RATE →	OIL—BBL. 88	GAS—MCF. 100	WATER—BBL. 254	OIL GRAVITY-API (CORR.) 40.8	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) sold	TEST WITNESSED BY Mark Hulse, Concho Resources Inc.
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35. LIST OF ATTACHMENTS
C102, C103, Letter of Confidentiality, logs

36. I hereby certify that the foregoing and attached information is complete and correct to the best of my knowledge and belief.

SIGNED

TITLE Production Analyst

DATE 05/17/01

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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 shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
RUSTLER		4800	ANHY & SHALE
DELAWARE	4800		
CHERRY CANYON	5500		
BRUSHY CANYON	6830		

38. GEOLOGICAL MARKERS			38. GEOLOGICAL MARKERS		
NAME	TOP		NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH		MEAS. DEPTH	TRUE VERT. DEPTH