

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

FORM APPROVED
OMB NO. 1004-0137
DATE 03-19-1995
N.M. Oil Conservation Division
1625 N. French Dr.
Hobbs, NM 88240
LEASE DESIGNATION AND SERIAL NO.
NM 86153
IF INDICATE, ALLIANCE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR
CONCHO RESOURCES INC.

3. ADDRESS AND TELEPHONE NO.
110 W. LOUISIANA STE 410; MIDLAND, TX 79701 (915) 683-7443

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1980' FSL & 660' FEL
At top prod. interval reported below same
At total depth same

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Tomcat '20' Federal #5

9. API WELL NO.
300253523400S1

10. FIELD AND POOL, OR WILDCAT
Diamondtail Delaware SW

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
20 23S 32E

12. COUNTY OR PARISH
Lea

13. STATE
NM

14. PERMIT NO. _____ DATE ISSUED _____

15. DATE SPUNDED
04/03/01

16. DATE T.D. REACHED
04/19/01

17. DATE COMPLETED (Ready to prod)
05/17/01

18. ELEVATIONS (DF, RKB, RT, GE, ETC.)*
3683

19. ELEV. CASINGHEAD
3684

20. TOTAL DEPTH, MD & TVD
8655

21. PLUG, BACK T.D., MD & TVD
8614

22. IF MULTIPLE COMPL., HOW MANY* _____

23. INTERVALS DRILLED BY
ROTARY TOOLS XXXX

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*
8466-82' Delaware
7360-80' Delaware
6940-48' Delaware

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
GR CNL CDL AIT CMR

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	675	17-1/2	circ to surf. 595 sx C	0
8-5/8 S80	32	4802	11	circ to surf. 1300 sx C	0
5-1/2 J55	17	8655	7-7/8	TOC @ 4760'. 785 sx H	0

LINER RECORD					TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
					2-7/8	8472

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
8466-82' w/ 2 SPF (33 holes)		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7360-80' w/ 2 SPF (41 holes)		8466-8482'	frac w/ 26000 gals YF130 & 60000# 16/30 Jordan sd.
6940-48' w/ 2 SPF (17 holes)		7360-80'	acid w/ 2000 gals 7.5% NEFE, frac w/ 35000 gals YF130 & 92000#
			1630 Jordan sand & 18000# 16/30 RC sd
		6940-48	1200 gals 7.5% NEFE

33. * PRODUCTION							
DATE FIRST PRODUCTION 05/28/01		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) pumping (2-1/2" X 1-1/2" X 24' Insert				WELL STATUS (Producing or shut-in) prod	
DATE OF TEST 06/01/01	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL---BBL. 63	GAS---MCF. 83	WATER---BBL. 254	GAS-OIL RATIO 1317
FLOW. TUBING PRESS.	CASING PRESSURE 50#	CALCULATED 24-HOUR RATE	OIL---BBL. 63	GAS---MCF. 83	WATER---BBL. 254	OIL GRAVITY-API (CORR.) 38.2	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SOLD	TEST WITNESSED BY M. HULSE, CONCHO RESOURCES INC.
--	--

35. LIST OF ATTACHMENTS SUNDRY, C102, LOGS, LETTER OF CONFIDENTIALITY
--

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED _____ TITLE PRODUCTION ANALYST DATE 06/11/01

*(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: (List all important zones of porosity and content of each zone; include depth interval, tested, cushion used, time tool open, flowing or shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Base Salt	4540		Anhy
T. Lamar	4780		Siltstone, Sandstone, Shale
T. Cherry Canyon	5610		Siltstone, Sandstone, Shale
T. Brushy Canyon	6460		Siltstone, Sandstone, Shale

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