

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

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. RENVR ☐	Other
2. NAME OF OPERATOR Texas Crude Exploration, Inc.							
3. ADDRESS OF OPERATOR P.O. Box 2359, Midland, TX 79702							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2181' FNL & 377' FWL At top prod. interval reported below N/A At total depth same							
14. PERMIT NO.				DATE ISSUED 06-25-85			
15. DATE SPUDDED 06/30/85		16. DATE T.D. REACHED 07/15/86		17. DATE COMPL. (Ready to prod.) N/A		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3701.2' GR	
19. ELEV. CASINGHEAD Ground Level		20. TOTAL DEPTH, MD & TVD 5310'		21. PLUG, BACK T.D., MD & TVD NA		22. IF MULTIPLE COMPL., HOW MANY* NA	
23. INTERVALS DRILLED BY →		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* None		25. WAS DIRECTIONAL SURVEY MADE Yes		26. TYPE ELECTRIC AND OTHER LOGS RUN CNFD, Sonic & Laterolog	
27. WAS WELL CORRED NO		28. CASING RECORD (Report all strings set in well)		29. LINER RECORD		30. TUBING RECORD	
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
14"		54#		40'		17-1/2"	
8-5/8"		24#		520'		12-1/4"	
CEMENTING RECORD		AMOUNT PULLED		31. PERFORATION RECORD (Interval, size and number) N/A		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
41 sxs Class C		none		DEPTH INTERVAL (MD) N/A		AMOUNT AND KIND OF MATERIAL USED	
320 sxs Class C w/2% CaCl		none					
33. PRODUCTION		DATE FIRST PRODUCTION N/A		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		WELL STATUS (Producing or shut-in)	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO	
35. LIST OF ATTACHMENTS		OIL GRAVITY-API (CORR.)		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		SIGNED <i>J. V. Mout</i>	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		TITLE <i>Superintendent</i>		DATE <i>10/08/86</i>		NEW MEXICO	

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

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, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ramsey Sand	5150'	5180'	Sandstone core sidewall (report attached) 5130', 5153', 5159', 5169'	Rustler Anhyd	1312'	+2397'
olds	5190'	5310'TD	Sandstone core sdiewall (report attached) 5195', 5201', 5215'	Salado	1810'	+1899'
				Upper Castile	3683'	+26'
				Lower Castile	4806'	-1097'
				Lamar Lime	5090'	-1381'
				Ramsey Sand	5150'	-1441'

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38. GEOLOGIC MARKERS

ROTARY ENGINEERS LABORATORIES

CONVENTIONAL (PLUG) CORE ANALYSIS TABULAR DATA

COMPANY	Texas Crude Exploration Inc.	WELL	CQX-8 Federal #1	FIELD	
COUNTY	Lea	STATE	New Mexico	DATE	7-16-85
FORMATION	Ramsey (Delaware)	TYPE ANALYSIS	Gearhart Plugs	ANALYST	DRM
				JOB NO.	R-7435

REMARKS				ELEVATION				
SAMPLE NUMBER	DEPTH	GRAIN DENS- ITY	PORO- SITY	PLUG PERM M.D.	FLUIDS S _W	FLUIDS S _O	FLO.	REMARKS
1	5130	2.66	14.1	17.67	64.3	0.0	0	Sand,Slightly Calcareous
2	5153	2.66	18.0	14.80	70.6	0.0	0	Sand,Slightly Calcareous
3	5159	2.66	17.4	17.77	68.5	0.0	0	Sand,Slightly Calcareous
4	5169	2.66	19.2	30.81	72.3	0.0	0	Sand,Slightly Calcareous
5	5191	2.64	19.0	40.49	72.2	0.0	0	Sand,Slightly Calcareous
6	5195	2.63	20.6	50.66	78.3	0.0	0	Sand,Slightly Calcareous
7	5201	2.60	24.8	133.74	70.6	0.0	0	Sand,Slightly Calcareous,Friable
8	5215	2.65	17.1	13.92	68.4	0.0	0	Sand,Slightly Calcareous
			FLUIDS	S _W	Total Water Saturation %P.V.			
			FLUIDS	S _O	Residual Oil Saturation %P.V.			

TEXAS CRUDE EXPLORATION, INC.

CQX "8" FEDERAL NO. 1
Sec. 8, T-23-S, R-33-E
Lea County, New Mexico

INCLINATION REPORT

<u>DEPTH</u>	<u>AMT OF DEGREE</u>
300'	1/4
521'	1/2
1110'	3/4
1510'	3/4
2011'	1
2994'	1
3502'	1-1/4
4013'	1-1/2
5053'	2

I hereby declare that I am authorized to make this certification, that I have personal knowledge of all information presented in this report, and that all data presented are true, correct and complete to the best of my knowledge.



R. V. Morris, Superintendent
Texas Crude Exploration, Inc.
October 8, 1986

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