

UNITED STATES NM OIL CONS. COMMISSION
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY Artesia, NM 88210

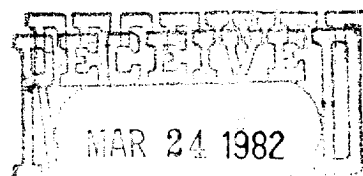
c/SF

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM - 28790
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR TXO PRODUCTION CORP		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 900 WILCO BLDG, MIDLAND, TX 79701		8. FARM OR LEASE NAME KEOHANE FEDERAL COM
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1980' FNL & 660' FEL At proposed prod. zone		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 16 MILES SE OF LOCO HILLS, N. M.		10. FIELD AND POOL, OR WILDCAT UNDESIGNATED (ATOKA)
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'	16. NO. OF ACRES IN LEASE 320	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC 33, T-18-S, R-31-E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 330'	19. PROPOSED DEPTH (13,000)	12. COUNTY OR PARISH EDDY
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3611 GR, 3631 DF		13. STATE NM
23. PROPOSED CASING AND CEMENTING PROGRAM		17. NO. OF ACRES ASSIGNED TO THIS WELL 320
22. APPROX. DATE WORK WILL START* 1/15/82		20. ROTARY OR CABLE TOOLS ROTARY

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

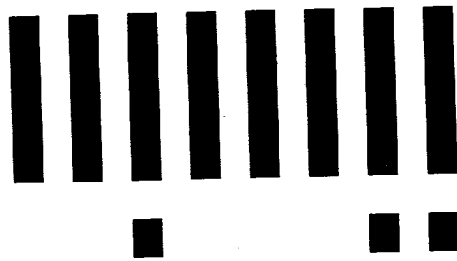
WELL WAS COMPLETED IN MORROW BELOW A PERMANENT PACKER. THE ATOKA WAS PERFORATED AND TESTED AND ISOLATED BETWEEN TWO PACKERS AND BEHIND A CLOSED SLIDING SLEEVE. OPERATIONS WILL INVOLVE SETTING A PACKER PLUG IN THE PERMANENT PACKER TO SHUT IN THE MORROW AND OPENING THE SLIDING SLEEVE TO TEST THE ATOKA.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED <u>Frieda Crawford</u>	TITLE <u>ENG. ASS'T</u>	DATE <u>3/15/82</u>
(This space for Federal or State Use)		
PERMIT NO. <u>(Eng. Sgd.) PETER W. CHESTER</u>	APPROVAL DATE <u>APR 21 1982</u>	
APPROVED BY <u>JAMES A. GILLHAM</u>	TITLE <u>DISTRICT SUPERVISOR</u>	DATE <u></u>
CONDITIONS OF APPROVAL, IF ANY: FOR		

*See Instructions On Reverse Side



LTR



Job separation sheet

Form approved.
Budget Bureau No. 42-R355.5.

C/SF

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐ APR 22 1992

b. TYPE OF COMPLETION: NEW ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☒ DIFF. RESVR. ☐ Other O. C. D.

2. NAME OF OPERATOR

TXO PRODUCTION CORP

3. ADDRESS OF OPERATOR

900 WILCO BLDG, MIDLAND, TX 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)	10. FIELD AND POOL, OR WILDCAT
At surface 1980' FNL & 660' FEL	CATERINA Canyon UNDESIGNATED (ATOKA) GAS

At top prod. interval reported below SEE BELOW

At total depth SEE BELOW

DIRECTIONAL SURVEY NOT RUN

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
2/27/78	4/24/78	2/19/82	3611 GR 3621 DF	

20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		ROTARY TOOLS		CABLE TOOLS	
2275 MD, 12274 TVD		12148' MD, 12147 TVD		-----							

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*		25. WAS DIRECTIONAL SURVEY MADE
11310 - 318	(Atoka) MD	
11309 - 317	TVD	

26. TYPE ELECTRIC AND OTHER LOGS RUN
GR-CNDL-DLL

27. WAS WELL CORED
NO

28. CASING RECORD (Report all strings set in well)

Casing Record (Report all strings set in well)					
Casing Size	Weight, lb./ft.	Depth Set (MD)	Hole Size	Cementing Record	Amount Pulled
13 3/8	48#	726	17 1/2	525 HLW & 200 "C"	NONE
10 3/4	45.5 & 51	4530	12 1/4	1600 HLW & 500 "C"	NONE

29. LINER RECORD

29. RIG RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
7 5/8	4312	12275	795 SX		2 3/8	11248	11182

31. PERFORATION RECORDED (Interval, size and number)

ATOKA: 11310-318 9 holes 38" Diameter

MORROW: 11861-69 11904-18, 11970-90

9 holes 38" Diameter

(Temp. abandoned below permanent pkr w/pkr plug)

\$2. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11310-18	250 gal 7½% MS acid
11861-11990	5000 gal 7½% MS acid
	2700 gal 3% gel acid +CO ₂ +
	25000# 20/ 40 sand

33. •

PRODUCTION

DATE FIRST PRODUCTION

PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)

WELL STATUS (Producing or shut-in)

PRODUCING

FLOWING				PRODUCING			
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3/1/82	24	3/4	→	10	525	0	52,500
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED	GV. PSI				

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	CAS-BBL.	WATER-BBL.	OIL GRAVITY-API (CORR.)
250	PKR	10	525	525	0	52,500

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

SOLD

35. LIST OF ATTACHMENTS

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

SIGNED Mede Crawford TITLE _____

ENG. ASS'T

DATE 3/15/82

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