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# NEW MEXICO OIL CONSERVATION COMMISSION

Form 1-1-1  
Revised 1-1-1

1. Estimate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Lease No. Gas Lease No.
LG 1543

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG WELL

1a. Type of Work				1. Agreement Name
b. Type of Well	DRILL <input type="checkbox"/>	DEEPEN <input type="checkbox"/>	PLUG BACK <input checked="" type="checkbox"/>	2. Name or Lease Name
	OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	OTHER <input type="checkbox"/>	State DW
2. Name of Operator	Cities Service Oil and Gas Corporation			3. Well No.
3. Address of Operator	P.O. Box 1919 - Midland, Texas 79702			5
4. Location of Well	UNIT LETTER P	LOCATED 660	FEET FROM	1. Field and Pool, or Wildcat
			South	Undes. E-K Yates 7 Rvs
AND 660	FEET FROM THE East	LINE OF SEC 12	18S	Queen
			33E	
				1. County
				Lea
				2. Rotary or C.T.
				Completion Ut.
21. Elevations (Show whether DE, RT, etc.)	21A. RMA & Yates 1111, 1111			22. Approx. Date Work will start
4089' GR	Required/Approved			Unknown
23.				After permit approval

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	48#	348'	500	Circulated
11"	8-5/8"	24 & 32#	3300'	1300	Circulated
7-7/8"	5-1/2"	15.5 & 17#	9030'	1335	TOC @ 3300'

O.T.D. 9030', OPBTD 6764'. It is proposed to plug this well back and test the Yates Formation in the following manner:

1. MIRU a completion unit and POOH w/rods, pump and tubing.
2. RIH w/5-1/2" CIBP on tubing and set CIBP @ + 5080'. Dump 100' (10 sacks) of Class C cement on top of CIBP. WOC. Circulate hole w/2% KCL water. POOH w/tubing.
3. Perforate the Yates Formation w/4 SPF @ 3343, 44, 45, 46, 50, 51, 52, 54, 55, 3467, 68, 71, 72, 73, 77 and 3478'. Total of 56 holes.
4. RIH w/tubing and RTTS and set RTTS @ + 3250'. Swab test the Yates and if necessary release the RTTS set @ + 3250' and reset @ + 3370' and acidize Yates Perfs @ 3467 - 3478' w/1000 gals 7-1/2% HCL acid. Swab test and if necessary frac the Yates Perfs @ 3467 - 3478' w/13,000 gals of cross-linked gel w/5% diesel + 29,500# 12/20 sand. Swab well until the sand cleans up.

(CONTINUED ON REVERSE SIDE)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO TEST FOR A NEW PRODUCTIVE ZONE, GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

EXISTING PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Elmer Stutz Title Reg. Opr. Mgr. - Prod. Date 12-27-85

(This space for State Use)  
ORIGINAL SIGNED BY JERRY SEXTON

DISTRICT 1 SUPERVISOR

APPROVED BY \_\_\_\_\_ DATE DEC 31 1985

CONDITIONS OF APPROVAL, IF ANY:

5. Release RTTS and POOH w/tubing and RTTS. RIH w/5-1/2" RBP on tubing and set RBP @ + 3400'.
6. Acidize Yates Perfs @ 3343 - 3355' w/1000 gals 7-1/2% HCL acid. Swab test and if necessary frac Yates Perfs @ 3343 - 3355' w/13,000 gals cross-linked gel w/5% diesel + 29,500# 12/20 sand. Swab well until sand cleans up.
7. POOH w/tubing and RBP set @ + 3400'.
8. RIH w/tubing and tubing anchor and set tubing anchor @ + 3250'. ND BOP and NU WH. Run rods and BHP.
9. Start well to pumping and obtain potential test.