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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
B-2229	

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

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/>		SMGSAU	
OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Water Injection		8. Farm or Lease Name	
SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		Tract 4	
2. Name of Operator		9. Well No.	
CITIES SERVICE COMPANY		34	
3. Address of Operator		10. Field and Pool, or Wildcat	
P. O. Box 1919 Midland, Texas 79702		Maljamar (G-SA)	
4. Location of Well		12. County	
UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE		Lea	
AND 1980 FEET FROM THE West LINE OF SEC. 29 TWP. 17S RGE. 33E NMPM			
18. Proposed Depth		19A. Formation	
4400'		Grybg - SA	
20. History or C.T.		Completion Unit	
21. Elevations (Show whether D.F., R.T., etc.)		22. Approx. Date Work will start	
4071' GR		July 1, 1981	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
Required/Approved		N/A	

23.

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
	5 1/2"	14#	4018'	300	

O.T.D. 4300' Line. It is proposed to squeeze open hole, repair casing, sidetrack old hole and deepen, run liner and recompleate this well in the following manner:  
MIRU Double Derrick Unit. Pull tbq & pkr. Set 5 1/2" retainer on wireline in bottom 5' of csg joint at approximately 3975'. RIH w/seal assembly on 2 3/8" tbq & land in retainer. Squeeze open hole w/500 sx Cl C cement w/high pressure squeeze (5000 psi). Reverse out excess cement. Retainer should be in bottom 5' of csg. joint to accomodate whipstock. Run Vertilog (csg inspection) from retainer to surface to evaluate csg. If necessary, cement squeeze holes in csg. WOC. Drill out cement to cement retainer & test csg to 1500#. GIH w/4" permanent whipstock & set on retainer at 3975' & mill out window through csg. Drill a 4" sidetrack hole to a deeper T.D. of 4400'. Run 700' of 4" OD 11# K55 FJ40 liner from 3700-4400'. Hang liner at 3700' & cement w/Cl C w/0.5% CFR-2, 7# Salt & 3# Sd/sk. Drill out liner top & cement to 4395', new PBTD. RU Schlumberger. Run GR-CCL-CBL PBTD to top of liner. Perf Premier Sd intervals as determined from logs w/2 SPF. AZ w/5000 gal 15% Ne ac & RCNC ball diverters. SD for 1 hr. & establish injection rate. RIH w/new PL injection tbq & pkr & set approximately 100' above perfs. Load annulus w/treated FW. ND BOP & NU WH. Tie in injection line & start injection.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed [Signature] Title Reg. Oper. Mgr. - Prod. Date June 22, 1981

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT 1 DATE June 22, 1981

CONDITIONS OF APPROVAL, IF ANY: