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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
B-2516
7. Unit Agreement Name
SMGSAU
8. Name of Lease Name
Tract 6
9. Well No.
4W
10. Field and Pool, or Wellbore
Maljamar (G-SA)
12. County
Lea
11. Proposed Depth
4400'
19A. Formation
Grybg - SA
20. History of C.T.
Completion Ut.
21. Elevation (Show whether D.P., R.I., etc.)
21A. Kind & Status Plug. Bond
Required/Approved
21B. Drilling Contractor
N/A
22. Approx. Date Work will start
July 15, 1981

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work	DRILL ☐	DEEPEN ☒	PLUG BACK ☐
b. Type of Well	OIL WELL ☐	GAS WELL ☐	OTHER ☒ Wtr. Inj.
2. Name of Operator	CITIES SERVICE COMPANY		
3. Address of Operator	Box 1919 Midland, Texas 79702		
4. Location of Well	UNIT LETTER M	LOCATED 660	FEET FROM THE South LINE
AND 660	FEET FROM THE West	LINE OF SEC. 29	TWP. 17S RGE. 33E NMPM
23.			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
8 7/8"	7"	20#	3939	75	-

O.T.D. 4302' Lime. It is proposed to squeeze open hole, repair casing, sidetrack old hole and deepen, run liner and recomplete this well in the following manner:
MIRU unit. Pull tbq & pkr. Set 7" retainer on wireline in bottom 5' of csg joint at approx. 3900'. RIH w/seal assembly on 2-7/8" tbq & land in retainer. Squeeze open hole w/500 sx Cl C cement w/high pressure squeeze (5000 psi). Reverse out excess cement. Run Vertilog (csg inspt from retainer to surface to evaluate csg. If necessary, cement squeeze hole in csg. WOC. Drill out cement to retainer & test csg to 1500#. GIH w/4" permanent whipstock & set on retainer at 3900'. & mill out window through csg. Drill a 4" sidetrack hole to a deeper T.D. of 4400'. Run 700' of 5" OD 15# K55 ST&C 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-CNL & 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 Inj. Rate. RIH w/new PL injection tbq & pkr & set at approx. 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 I DATE

CONDITIONS OF APPROVAL, IF ANY: