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NEW MEXICO OIL CONSERVATION COMMISSION
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30-015-23119
Form C-101
Revised 1-1-65

JAN - 8 1980

O. C. D.

ARTESIA OFFICE

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. LG-3216
7. Unit Agreement Name
8. Farm or Lease Name Siegest State
9. Well No. 1
10. Field and Pool, or Wildcat Undesignated, Morrow
12. County Eddy
19. Proposed Depth 8600'
19A. Formation Morrow
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 3847' GR 3859' RKB
21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor Moranco
22. Approx. Date Work will start 1-11-80

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>
2. Name of Operator Mesa Petroleum Co.	SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>
3. Address of Operator 1000 Vaughn Building, Midland, Texas 79701	
4. Location of Well UNIT LETTER H LOCATED 1980' FEET FROM THE North LINE AND 990' FEET FROM THE East LINE OF SEC. 25 TWP. 19S RGE. 23E NMPM	
19. Proposed Depth 8600'	19A. Formation Morrow
20. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, RT, etc.) 3847' GR 3859' RKB	21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor Moranco	22. Approx. Date Work will start 1-11-80

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#	250'	275	Surface
11"	8-5/8"	24#	1800'	200/190/200	Surface
7-7/8"	4-1/2"	11.6#/10.5#	8600'	830/300	Sufficient to cover all pay

gas is not dedicated

Propose to drill 17-1/2" hole to depth of 250' with gel flocculated with lime, treated with paper, fiber and hulls. Will then run 13-3/8" casing with centralizers on middle of bottom two joints and cement with 275 sx Class "C" + 2% CaCl to surface. Will install 13-3/8" slip-on x 12" API 3000 psi bradenhead with one 2" API 3000 psi ball valve and install 12" API 3000 psi x 10" API 3000 psi rental spool; nipple up 10" API 3000 psi WP double BOP with pipe rams (bottom) and blind rams and test to 600 psi for 30 minutes. Drill 11" hole to 1800' with fresh water and lost circulation material if needed, will run 8-5/8" casing with centralizers on jts 1, 3 and 5 and cement baskets for loss zones. Will cement with 200 sx thix-set, followed by 190 sx Howco Lite and tailed in with 200 sx Class "C" to surface. Install 12" API 3000 psi x 10" API 3000 psi casing spool with one 2" API 3000 psi gate valve. Nipple up 10" API 3000 psi WP double BOP & 10" API 3000 psi WP Hydril. Hook up 3000 psi choke manifold and test BOP stack & manifold to 1500 psi, Hydril to 1000 psi and casing to 1000 psi for 30 minutes. Drill 7-7/8" hole to total depth of approximately 8600' using fresh water to 3500' and then adding soda ash, drispac and starch for water loss control. Run 4-1/2" production casing (see reverse)

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.

EXPIRES 4-9-80

Signed R. E. Mathis Title Regulatory Coordinator Date 1-7-80

(This space for State Use)

APPROVED BY W. R. Gussett TITLE SUPERVISOR, DISTRICT 11

DATE JAN - 9 1980

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to

Notify NMOCC by

xc: NMOCD Artesia (6), TLS, JWH, MEC, UWO, PARTNERS, FILE casing

time to witness completion

the 8-7-80 on

cementing with 830 sx Class "C" and tailing in with 300 sx Class "H" to raise cement to approximately 3700'. Will then nipple up 10" API 3000 psi x 6" API 3000 psi tubing spool with one 2" API 3000 psi gate valve and tree consisting of 6" API 3000 psi x 2" API 3000 psi bonnet, two 2" API 3000 psi gate valves, 2" API 3000 psi x 2" API 3000 psi flanged flow tree, 2" API 3000 psi gate valve, and 2" API 3000 psi flanged adjustable choke.