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NEW MEXICO OIL CONSERVATION COMMISSION

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JUN 28 1979

O. C. C.

ARTESIA OFFICE

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No. 15959
7. Unit Agreement Name Osage Comm.
8. Farm or Lease Name Osage Comm.
9. Well No. 1
10. Field and Pool, or Wildcat Cemetery (Morrow)
12. County Eddy
19. Proposed Depth 9640' / 9227' PB
19A. Formation Wolfcamp
20. Rotary or C.T. -----
21. Elevations (Show whether DF, RT, etc.) 3597' DF
21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor Pool Well Service Co.
22. Approx. Date Work will start Immediately

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"/>
b. Type of Well GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator Wayman W. Buchanan
3. Address of Operator 444 Petroleum Commerce Building San Antonio, Texas 78205
4. Location of Well UNIT LETTER J LOCATED 1980 FEET FROM THE East LINE AND 1830 FEET FROM THE South LINE OF SEC. 18 TWP. 20-S RGE. 25-E NMPM
1. Elevations (Show whether DF, RT, etc.) 3597' DF
21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor Pool Well Service Co.
22. Approx. Date Work will start Immediately

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	12-3/4"	37.45#	220'	275	Circ.
11"	8-5/8"	24 & 32#	3130'	950	Circ.
7-7/8"	4-1/2"	11.6 & 13.5#	9640'	925	5786'

- Blow well down and load hole. Set plug in "R" profile above Baker Lok-Set packer @ 9227'. Install 3000 psi. WP Double BOP. This will temporarily abandon Morrow perforations @ 9364' to 9474'.
- Pull tubing. Selectively perforate Wolfcamp Zone from 7059' to 7073' and 7115' to 7122'.
- Run tubing and packer and acidize Wolfcamp perforations.
- Swab and test.
- Run flow capacity tests and four point CAOF.

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 W. A. Gussert Title agent Date 6-26-79

(This space for State Use)

PROVED BY W. A. Gussert TITLE SUPERVISOR, DISTRICT II DATE JUN 29 1979

CONDITIONS OF APPROVAL, IF ANY:

Submit Form C-102