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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

MAR 25 1976

O. C. C.

ARTESIA, OFFICE

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
648-131

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

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name	
DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		Artesia Metex Unit	
2. Name of Operator		9. Well No.	
Yates Drilling Company		59	
3. Address of Operator		10. Field and Pool, or Wildcat	
207 So. 4th St., Artesia, NM 88210		Artesia	
4. Location of Well		12. County	
UNIT LETTER <u>K</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE		Eddy	
AND <u>2008</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>25</u> TWP. <u>18S</u> RGE. <u>27E</u> NMPM			
19. Proposed Depth		19A. Formation	
Approx 2100'		San Andres	
20. Rotary or C.T.		Reverse Unit	
21. Elevations (Show whether DF, RT, etc.)		22. Approx. Date Work will start	
3550.3 GR			
21A. Kind & Status Plug. Bond			
Blanket			

## 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	527 501	600	Circulated
12 1/4"	9-5/8"	36#	3312 3284	780	Circulated

Well formerly named *Hank Western Yates* Gulf et al Eddy State CI #1 *P&A approved 9-5-61*  
Previously P&A TD 11208 cmt plug set at 9050', 5 1/2" csg out and pulled from 9000'; 5 1/2" csg re-run to 7982' and cmt off at 6631', pulled 5 1/2" csg and set cmt plugs at 7850-7650, 6600-6500, 3300-3000 and at surface.

Propose: To re-enter and clean out to approx. 2100', run cement bond log and gamma ray tie in log, perforate 4 shots/ft as follows:  
1891-95, 1900-10, 1939-54, 1966-72, 1974-88, 2009-12 & 2014-18. Break down zones with 15% HCL and sand-water frac with approx. 40,000 gal wtr and 30,000# sand.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTION ZONE AND PROPOSED NEW PRODUCTION 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 *Ramon Jones* Title Engineer Date March 5, 1976

(This space for State Use)

APPROVED BY *W.A. Gusselt* TITLE SUPERVISOR, DISTRICT II DATE MAR 26 1976

CONDITIONS OF APPROVAL, IF ANY:

*Submit acreage dedication Plat C-102.  
Prior to producing*