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NEW MEXICO OIL CONSERVATION COMMISSION

JUN 18 1980

O. C. D.
ARTESIA, OFFICE

30-005-60728

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.
IG-155

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		Willow Creek	
2. Name of Operator		8. Firm or Lease Name	
Yates Petroleum Corporation		Willow Creek Unit	
3. Address of Operator		9. Well No.	
207 S. 4th Street, Artesia, NM 88210		2	
4. Location of Well		10. Field and Pool, or Wildcat	
UNIT LETTER L LOCATED 660 FEET FROM THE West LINE		Wildcat Penn.	
AND 1980 FEET FROM THE South LINE OF SEC. 31 TWP. 4S RGE. 25E NMPM		12. County	
		Chaves	
		19. Proposed Depth	
		5700'	
		19A. Formation	
		Penn	
		20. Rotary or C.T.	
		Rotary	
21. Elevations (Show whether DF, RT, etc.)		21B. Drilling Contractor	
3902.4 GL		LaRue	
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
Blanket		As soon as approved	

23.

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# J-55	Approx. 400'	350 sx circulate	
12 1/2"	8 5/8"	24# J-55	Approx. 1500'	800 sx circulate	
8 3/4" or 7 7/8"	5 1/2" or 4 1/2"	15.5 or 10.5#	TD 5700'	300 sx	

We propose to drill and test the Penn and intermediate formations. Approx. 400' of surface casing will be set and cement circulated to shut off gravel and caving. Casing will be set 100' below the water zone. If commercial, 5½ or 4½ production casing will be run and cemented with an adequate cover, perforated and stimulate as needed for production.

MUD PROGRAM: FW gel and LCM to 1500', Brine KCL to 3250'; KCL Drispak & Starch to 4300', flosal-drispak KCL to TD. NW 10-10.2, Vis 34-39, WL 14-7.

BOP PROGRAM: BOP's will be installed on 8 5/8" casing and tested daily.

GAS NOT DEDICATED.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 9-19-80

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 Johnny A. Lopez Title REGULATORY COORDINATOR Date 6/18/80
(This space for State Use)

APPROVED BY W. A. Gessett TITLE SUPERVISOR, DISTRICT II DATE JUN 19 1980
CONDITIONS OF APPROVAL, IF ANY: