

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

30-015-24924
Form C-101
Revised 10-1-78

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OPERATOR	<input checked="" type="checkbox"/>

SANTA FE, NEW MEXICO 87501

RECEIVED BY

JUL 12 1984

O. C. D.
ARTESIA, OFFICE

5A. Indicate Type of Lease

STATE ☐ FCC ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. Type of Well

OIL WELL ☐

GAS WELL ☒

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

Name of Operator

Yates Petroleum Corporation ✓

Address of Operator

207 S. 4th, Artesia, New Mexico 88210

Location of Well

UNIT LETTER O

LOCATED 660

FEET FROM THE South

LINE

NO 1980

FEET FROM THE

East

LINE OF SEC. 18

TWP. 17S

RGE. 27E

NMPM

7. Unit Agreement Name

8. Farm or Lease Name

Kepple "ZN" Com

9. Well No.

1

10. Field and Pool, or Wildcat

Unders. Morrow

12. County

Eddy

1. Elevations (Show whether DF, KT, etc.)

3351' GL

21A. Kind & Status Plug. Bond

Blanket

19. Proposed Depth

9100'

19A. Formation

Morrow

20. Rotary or C.T.

Rotary

21B. Drilling Contractor

Landis #4

22. Approx. Date Work will start

ASAP

3.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17"	13 3/8"	48#	appr. 400'	350 sx	circ
12 1/4"	8 5/8"	24#	appr. 1320'	600 sx	circ
7 7/8"	5 1/2" or	17# or 9.5#	TD	250 sx	
	4 1/2"				

We propose to drill and test the Morrow and intermediate formations. Approximately 400' of surface casing will be set to shut off gravel and caving and intermediate casing will be set 100' below the base of the Artesian Water Zone. Both strings will be circulated. 5 1/2" or 4 1/2" casing will be run and cemented with about 1000' of cement cover.

MUD PROGRAM: FW gel/LCM to 1560', FW to 6900', Drispak/starch to 7900', polymer gel/starch/driskak to TD, MW 8.8-9.1, Vis 34-38, WL 7-14

BOP PROGRAM: BOP's/hydril on 8 5/8" casing, tested daily, Yellow Jacket prior to drilling Wolfcamp, fluid level & flow sensor equipment.

GAS NOT DEDICATED.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 1-13-85

ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT WELL; IF PROPOSAL IS TO DRILL UNDERWAY, 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 Regina A. Laffoon

Title Regulatory Agent

Date 7/12/84

(This space for State Use)

PROVED BY Amy Brooks

TITLE Geologist

DATE 7/13/84

CONDITIONS OF APPROVAL, IF ANY

Notify N.M.O.C.C. in sufficient

time to witness cementing

the 8 5/8" casing

Post ID-1
7-20-84
API + BK

Form C-102
Supersedes C-128
Effective 1-1-65

Operator YATES PETROLEUM CORPORATION		Lease Kepple "ZN" Com		Well No. 1
Unit Letter O	Section 18	Township 17 South	Range 27 East	County Eddy
Actual Footage Location of Well: 660 feet from the South line and 1980 feet from the East line				
Ground Level Elev. 3351'	Producing Formation Morrow	Pool <i>Logan Draw</i> Undes. Morrow	Dedicated Acreage: 320 Acres	

- No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

So Roy FEE	So Roy FEE		H+W ENT. US 15868 M W J
D BLACKMOR FEE	So Roy FEE	KEPPLE FEE	1980'

Certificate No. 6
NM PE&LS NO. 5412

EXHIBIT B
BDP DIAGRAM
RATED 3000[#]

