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NEW MEXICO OIL CONSERVATION COMMISSION

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O. C. D.

ARTESIA, OFFICE

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

b. Type of Well
DRILL ☐ DEEPEN ☐ PLUG BACK ☒
OIL WELL ☒ GAS WELL ☐ OTHER SINGLE ZONE ☐ MULTIPLE ZONE ☐

7. Unit Agreement Name

8. Farm or Lease Name: Rios Siete

2. Name of Operator: Amoco Production Company ✓

9. Well No.: 1

3. Address of Operator: P. O. Box 68, Hobbs, New Mexico 88240

10. Field and Pool, or Wildcat: Wildcat Glorieta

4. Location of Well UNIT LETTER J LOCATED 1980 FEET FROM THE South LINE AND 2310 FEET FROM THE East LINE OF SEC. 11 TWP. 20-S RGE. 25-E NMPM

12. County: Eddy

19. Proposed Depth	19A. Formation	20. Rotary or C.T.

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
3366' GL	Blanket-on-File		

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	333	325	Surface
12-1/4	8-5/8	32	1500	750	Surface
7-7/8	5-1/2	15.5, 17	9865	250	8815

Propose to recomplete well from the Morrow (9448'-9660) to the Glorieta (2948'-2978) per the following:

Move in service unit and kill well with 10# brine. Pull packer, tubing and tailpipe. Run in hole with CIBP and set at 9398'. Test and cap with 35' of cement. Spot plugging mud between all plugs. Spot 100' plug from 8860'-8760'. Perforate at 7650' with 4 JSPF. Run in hole with cement retainer and set at 7550'. Attempt to establish circulation out the braden head. If circulation is established pump dye to determine cement volume requirements. Circulate class H neat cement to surface. After circulation of cement close bradenhead valve and attempt squeeze. Sting out of cement retainer and reverse out excess cement. Spot 100' plugs over the following intervals: 6800'-6700', 4340' 4240', and 3475'-3375'.

If circulation is not established out the bradenhead proceed with the following:
Run in hole with cement retainer and set at 7550'. Squeeze with 200 sacks class H neat

O+4-NMOCD,A 1-HOU 1-DMF 1-W. Stafford,HOU

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 Mark Freeman Title Assist. Admin. Analyst Date 8-12-82

(This space for State Use)

APPROVED BY Leslie A. Clements TITLE SUPERVISOR, DISTRICT II DATE AUG 12 1982

CONDITIONS OF APPROVAL, IF ANY:

cement. Run temperature survey. Go in hole with spot any 100' plugs required below top of cement. Perforate at the bottom of the next required plug with 4 JSPF. Attempt to circulate out braden head. If circulation is established pump dye to determine cement volume requirements. Circulate class H neat cement out bradenhead. Close bradenhead. and attempt squeeze. Spot required 100' plugs. If circulation is not established continue to perforate at bottom of required plugs and circulate cement behind pipe and spot required plugs in pipe until plugged back to 3375'. Shut in overnight. WOC 12-18 hours. Perforate Glorieta intervals 2948'-2958' and 2968'-2978' with 2 JSPF. Go in hole with 120' tailpipe, packer, and 2-3/8 tubing. Swab test well. If well swabs dry acidize with 3000 gallons 15% HCL. Flush with 12 barrels brine water. Swab test well.

Packer set at 2700'.