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SANTA FE, NEW MEXICO 87501

MAY 6 1985

O. C. D.

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5A. Indicate Type of Lease
STATE ☒ FEDERAL ☐

6. State Oil & Gas Lease No.

L-5033

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☐

DEEPEN ☐

PLUG BACK ☒

b. Type of Well

OIL WELL ☒

GAS WELL ☒

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. Name of Operator

AMOCO PRODUCTION COMPANY

3. Address of Operator

P.O. BOX 68 HOBBS, NEW MEXICO 88240

4. Location of Well

UNIT LETTER K

LOCATED 1980

FEET FROM THE South

LINE

AND 1980

FEET FROM THE West

LINE OF SEC. 11

TWP. 19-S

RCC. 27-E NMPW

7. Unit Agreement Name

8. Farm or Lease Name

State "HE" Com

9. Well No.

1

10. Field and Pool, or Wildcat

Undesignated Cisco

12. County

Eddy

19. Proposed Depth

9815'

19A. Formation

Cisco

20. Rotary or C.T.

Rotary

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

3481.2 GL

21A. Kind & Status Plug. Bond

Blanket on File

21B. Drilling Contractor

N/A

22. Approx. Date Work will start

ASAP

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/4"	48 #	514'	300 SX	Surface
12-1/4"	9-5/8"	36 #	3300'	2380	Circ
8-3/4"	7"	23 #	8848'	2200	Circ
6 1/8"	4-1/2"	13.5 #	10,570'	310	8627'

Propose to abandon the Morrow horizon and recompleate to the Cisco. MISU, rel pkr and POK w/ pkr and tbq. RIH w/ CIBP for 4 1/2" csq and SA $\approx$ 9850'. Cap w/ 35' class H neat cmt. RIH to 8700' and load hole w/ 2% KCL fresh water and POK. Run GR/CCL log from 8700' - 7900'. RIH w/ csq gun for 7" csq and perf the following intervals w/ 4 DPJSPF and 90° or 120° phasing:

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 Thi L. Gates Title Administrative Analyst

Date 2 May 1985

(This space for State Use)

Original Signed By

Les A. Clements

Supervisor District II

APPROVED BY

DATE

MAY 9 1985

CONDITIONS OF APPROVAL, IF ANY

OTS NMOLD - A, 1-JRB, 1-FJN, 1-NLG

8320'-42', 8354'-85', 8408'-20, 8423'-27', 8608'-27'. RIH w/ PKR and SA 8575'. Swab well to determine productivity of 8608'-27'.
Rel pkr, PU and SA $\approx$ 8200'. Swab well to determine productivity. If well flows MOSU and discontinue work. Otherwise, release pkr and POH. RIH w/ PP-I PKR, collar locator, retrievable fluid plug, bypass and Workstring. Set pkr at 8250'. Reverse circ through bypass w/ 50 bbls water to CO tbg. Rel PKR and lower to 8625 and reset. RIH w/ RFC valve preset to 4500 psi and spot acid to pkr. Acidize the following intervals w/ 50 gal/ft w/ 15% HCL w/ additives. Raise pkr to 8250' and set, Retrieve RFC valve and fluid plug. Rel pkr and lower to 8575' and set Pump 1000 gal 15% HCL w/ additives. Flush w/ 33 bbls. water. Swab well to recover load and evaluate productivity. Rel pkr, pick up RBP and reset RBP at 8398'. Pull pkr up 2' and set. Pres test RBP to 1000 psi. Release pkr, Pull up and reset at $\approx$ 8250'. Pump 2600 gals 15% HCL w/ additives. Flush w/ 33 bbls water. Swab well in to recover load and evaluate productivity. Release pkr and pick up RBP and POH w/ workstring, pkr, retrieving head, and RBP. RIH w/ production equipment and return well to production.