

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

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

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, NM 88240

4. Location of Well

UNIT LETTER P

LOCATED

990

FEET FROM THE

South

LINE

AND

660

FEET FROM THE

East

LINE OF SEC.

24

TWP. 12-S

RGE.

37-E

NMPM

7. Unit Agreement Name

8. Farm or Lease Name

Wingerd

9. Well No.

13

10. Field and Pool, or Wildcat

Southwest
Gladiola-Mississippian

11. DESIGNATED

12. County

Lea

11. Elevations (show whether DT, KI, etc.)

3886'

21A. Kind & Status Plug. bond

Blanket-on-file

19. Proposed Depth

11,765

15A. Formation

Mississippian

20. Rotary or C.T.

rotary

21B. Drilling Contractor

N/a

22. Approx. Date Work will start

as soon as possible

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"	35 L#	318	380	circ. surface
12-1/4"	9-5/8"	36 and 32.3#	4600	1500	unknown
8-3/4"	5-1/2"	17 and 20#	12945	1100	top cmt 9400"

Propose to abandon the Devonian and recompleat to the Mississippian horizon as follows:
Pull rods, pump and tubing. Run cast iron bridge plug on wireline and set at apx. 11,800'.
Cap cast iron bridge plug with 35' of class H cement using dump bailer. Load hole with
clean 2% KCL fresh. Pressure test casing to 500 psi. Run cement bond log with Gamma Ray/
casing collar log from PBTD up to 9200'. Run 100' of log from 8900'-9000' in nonbonded
pipe. Run in hole with a tubing conveyed perforating gun. Hydrotest tubing to 6000 psi
while running in hole. Use 3-3/8" gun on 2-7/8" tubing. Packer to be set at top shot
11,192. Perforate 11,192' to 11,232' (40' total) with 4 JSPF. Swab if necessary and eval-
uate production. Run before treatment Gamma Ray temperature survey from PBTD to 9500'.
Acidize down tubing with 3000 gal 15%HCL containing 35% (by volume) A-sol. Pump at 3-5
BPM. Tag all acid with RA material-Iodine 131. Flush to formation with 68 bbls of clean
2% KCL fresh. Run after treatment Gamma Ray/Temperature survey. Swab back load and eval-
uate production. If well does not flow, supplemental brief will follow to install artificial
lift. If rods and pump are installed pump test for 1 wk or until load is recovered and
O+5-NMOCD.H 1-J. R. Barnett, HOU Rm. 21.156 1-F. J. Nash, HOU Rm. 4.206 1-GCC 1-Petro Lewi

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.

hereby certify that the information above is true and complete to the best of my knowledge and belief.

igned Gary C. Clark Title Assist. Admin. Analyst Date 4-3-84

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY

APR 5 1984

perform a scale as follows: Mix 2 drums WA 824 in 40 bbl c in 2% KCL fresh. Pressure up on tubing and pump mixture down annulus at 1/2 BPM. Over flush into formation with 225 bbl of clean 2% KCL fresh containing 15 gallons of WA 315 (non-emulsifying surfactant.)

RECEIVED

APR 4 1984

O.C.D.
HOBBS OFFICE