

N.M.O.C.D. COPY

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 ARCO Oil & Gas Company
Division of Atlantic Richfield Company

3. ADDRESS OF OPERATOR

P. O. Box 1710, Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface

1980' FNL & 660' FWL

At proposed prod. zone

As Above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10 miles southeast of Artesia, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

17. NO. OF ACRES IN LEASE

320

19. PROPOSED DEPTH

PB 8500'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Completion Rig

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3425' GR

22. APPROX. DATE WORK WILL START*

8-25-80

23.

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 14" | 11-3/4" OD | 42#H-40 | 318' | 300 sx |
| 11" | 8-5/8" | 24#J-55 | 2500' | 1100 sx |
| 7-7/8" | 4 1/2" | 11.6#J-55,N-80 | 9935' | 675 sx |

Propose to plug back & attempt recompletion in the Cisco & Wolfcamp.

1. Rig up, install BOP. Run CBL approx 8200' to surf. Perforate 4 1/2" csg approx 6500' w/ 4 JS. Establish circ to surf.
2. RIH w/ cmt retr, set @ approx 6450'. Pump cmt thru perms w/ Cl "C" cmt w/ 2% CaCl, 4% gel w/ volume to circ to surf. WOC. Press test squeeze job to 1500#. Drill out.
3. Perforate Cisco 6060-78' w/ 1 JSPF. Acidize w/ 3000 gals 15% HCL. Test for production.
4. Set BP @ approx 8000' w/ 2 sx sd on top.
5. Perforate Wolfcamp @ 7210, 30, 55, 85' w/ 1 JSPF. Acidize w/ 3000 gals 15% HCL.
6. Rec BP. Swab test for production. Run dual comp assy.

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Jerome Schmidt

TITLE Dist. Drlg. Supt.

DATE 8/19/80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY (Orig. Sgd.) PETER W. CHESTER

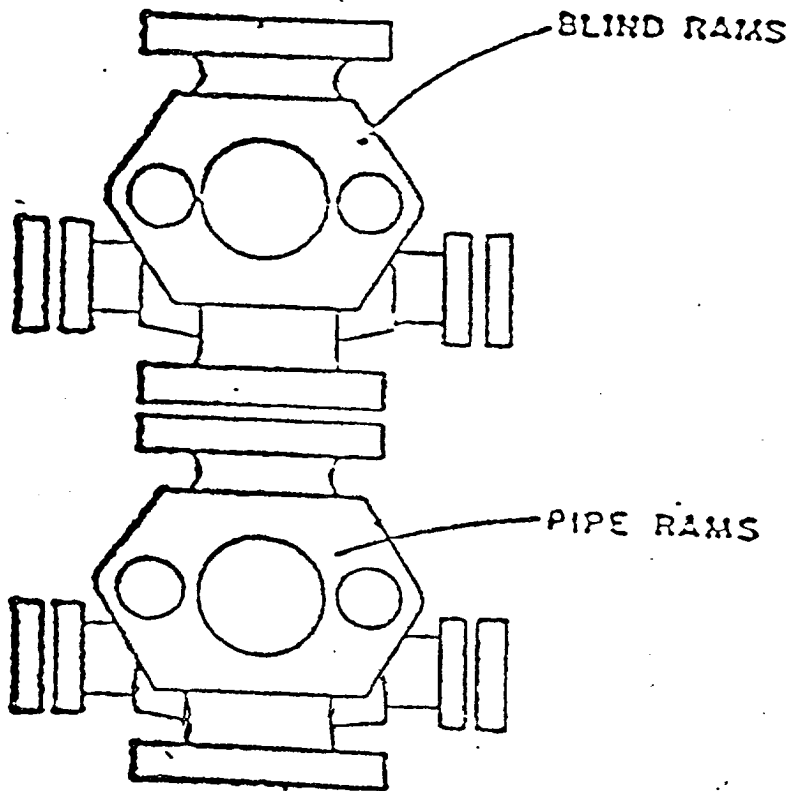
TITLE ACTING DISTRICT ENGINEER

DATE

AUG 25 1980

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side



ATLANTIC RICHFIELD COMPANY
Blow Out Preventer Program

Lease Name Trigg Federal

Well No. 1

Location 1980' FNL & 660' FWL

Sec 27-18S-27E, Eddy County, N M

BOP to be tested before installed on well and will be maintained in good working condition during drilling. All wellhead fittings to be of sufficient pressure to operate in a safe manner.