

CO. OF CONSIDERATIONS	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

3A. Indicate Type of Lease	
STATE ☐	FED ☒

3. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

B. F. Harrison "B" TN

9. Well No.

1

10. Field and Pool, or Wildcat

*See Attachment

12. County

Lea

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work

Type of Well

DRILL ☒DEEPEN ☐PLUG BACK ☐NGL WELL ☒GAS WELL ☐

OTHER

SINGLE ZONE ☒MULTIPLE ZONE ☐

Name of Operator

Texaco Producing Inc.

Address of Operator

P. O. Box 728, Hobbs, New Mexico 88240

Location of Well

UNIT LETTER C LOCATED 593 FEET FROM THE North LINE

1707 FEET FROM THE West LINE OF SEC. 9 TWP. 23-S SEC. 37-E NMPM

19. Proposed Depth

10,550'

19A. Formation

**See Attachment

20. Rotary or C.T.

Rotary

Elevations (Show whether DF, KT, etc.)

3314 GR

21A. Kind & Status Plug. Bond

Blanket

21B. Drilling Contractor

22. Approx. Date Work will start

January 18, 1988

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
24"	20"	94#	40'	Redimix	Surface
17-1/2"	13-3/8"	54.5#	1180'	1400	Circulate
12-1/4"	9-5/8"	36# & 40#	3750'	2325	Circulate
8-3/4"	5-1/2"	17#	10,550'	3200	Circulate

CEMENTING PROGRAM

SURFACE CASING: 1400 sacks Class "H" w/1/4# Flocele & 2% CaCl (15.6 ppg, 1.18 cu. ft./sx., 5.2 gal. wtr/sx).

INTERMEDIATE CASING: 1st Stage: 1750 sacks Class "H" & 18% Salt & 1/4# Flocele (15.9 ppg, 1.22 cu. ft./sx, 5.2 gal wtr/sx.) & 200 sacks Class "H" w/2% CaCl2 & 1/4# Flocele (15.6 ppg, 1.18 cu. ft./sx., 5.2 gal. wtr./sx).
2nd Stage: 375 sacks Class "H" & 2% CaCl2 (15.6 ppg, 1.18 cu. ft./sx., 5.2 gal. wtr/sx) (ECP @ 1200', DV Tool @ 1180'.)

PRODUCTION CASING: 1st Stage: 1000 sacks Class "H" & .8% Halad-9 (15.6 ppg, 1.18 cu. ft./sx, 5.2 gal wtr/sx.)
2nd Stage: 500 sacks Light Weight & 1/4# Flocele (12.4 ppg, 1.97 cu. ft./sx., 10.9 gal wtr./sx.) & 1700 sacks 50/50 Poz w/1/4# Flocele & .2% HR4 (14.15 ppg, 1.26 cu. ft./sx., 5.75 gal. wtr/sx) (DV Tool-8000'

Sirgo-Collier Inc. operates a well in this 1/4, 1/4 section and has been notified of our intent to drill by copy of this application.

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

W. B. Cade

and W. B. Cade Title District Operations Manager Date 1/11/88

(This space for State Use)

Eddie W. Seay

PROVED BY Eddie W. Seay TITLE State Engineer DATE JAN 12 1988

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

JAN 1 1963

RECEIVED

RECEIVED