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LAND OFFICE	
OPERATOR	

3A. Indicate Type of Lease
STATE ☒ FEDERAL ☐

3. State Oil & Gas Lease No.
B-3011

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work
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

N.M. "Z" St. TN Com

9. Well No.

1

10. Field and Pool, or Wildcat
Wildcat Atoka,
Wildcat Morrow

Name of Operator
Texaco Producing Inc.
Address of Operator
P. O. Box 728, Hobbs, New Mexico 88240

Location of Well
UNIT LETTER C LOCATED 660 FEET FROM THE North LINE
2200 FEET FROM THE West LINE OF SEC. 2 TWP. 18-S SEC. 34-E NMPM

12. County
Lea

19. Proposed Depth 12,000'	19A. Formation Atoka, Morrow	20. Rotary or C.T. Rotary
21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor	22. Approx. Date Work will start July 27, 1987

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
30"	26"	136#	40'	Redimix	Surface
24"	20"	106.5#	400'	700	Surface
18-1/2"	16"	75#	1550'	1250	Surface
*15" & 12-1/4"	9-5/8"	40#	5000'	3500	Surface
8-3/4"	5-1/2"	17#	12,000'		
*15" to 3000', 12-1/4" to 5000'.					

Cementing Program

SURFACE CASING: 700 sacks Class "H" & 2% CaCl & 1/4#/sx. Flocele (15.6 ppg, 1.18 cu. ft./sx., 5.2 gal. wtr./sx.)

1st Intermediate Casing: 1000 sx Lightweight & 2% CaCl & 1/4# /sx Flocele (13.6 ppg, 1.54 cu. ft./sx., 7.7 gal wtr/sx.) followed by 250 sx. Class "H" & 2% CaCl & 1/4#/sx Flocele (15.6 ppg, 1.18 cu. ft/sx., 5.2 gal wtr/sx.).

2nd Intermediate Casing: 1st Stage: 2500 sx. Class "H" & 18% Salt & 1/4#/sx Flocele (15.9 ppg, 1.22 cu. ft./sx, 5.2 gal wtr/sx) followed by 250 sx Class "H"

ABOVE SPACE DESCRIBE PROPOSED PROGRAM IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

CONTINUED ON PAGE 2

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

L. J. Seeman

Signed L. J. Seeman Title Dist. Petr. Engr. Date 7/23/87

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE DATE JUL 24 1987

ADDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval Date Unless Drilling Underway.

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

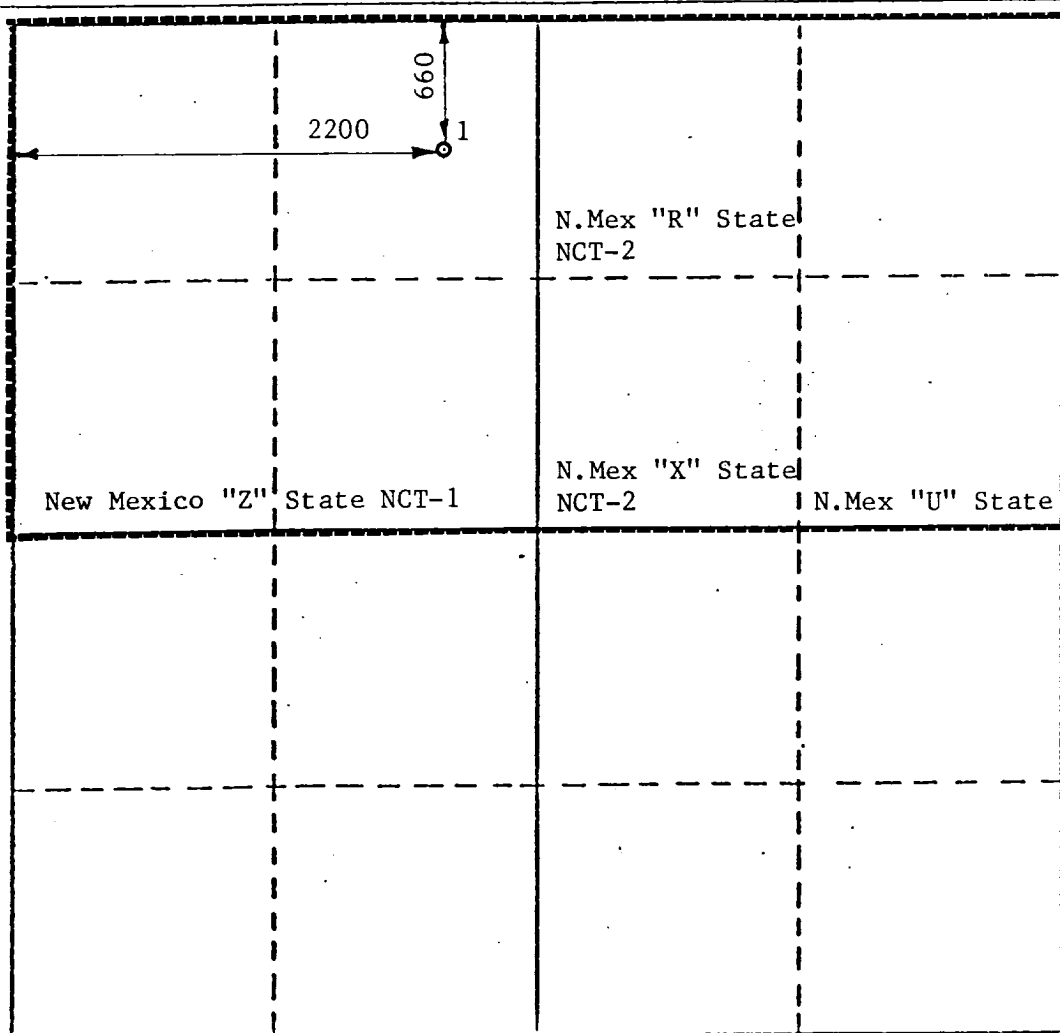
Operator Texaco Producing Inc.		Lease New Mexico "Z" State TN Com		Well No. 1
Unit Letter C	Section 2	Township 18-S	Range 34-E	County Lea
Actual Footage Location of Well:				
660 feet from the north line and		2200 feet from the west line		
Ground Level Elev. 4017'	Producing Formation Atoka SS, Morrow	Pool Wildcat	Dedicated Acreage: 323.16 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitization (pending)

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



CERTIFICATION

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

B. L. Eiland

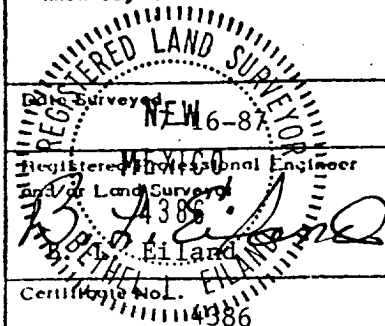
Name
B. L. Eiland

Position
Division Surveyor

Company
Texaco Producing Inc.

Date
7-21-87

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.



0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

NEW MEXICO "Z" STATE TN COM
WILDCAT ATOKA, WILDCAT MORROW
LEA COUNTY, NEW MEXICO

Continuation to Form C-101

2nd Intermediate Casing: Continued

& 1% CaCl & 1/4#/sx Flocele (16.4 ppg, 1.06 cu. ft./sx, 4.3 gal wtr/sx).

2nd Stage: 750 sacks Lightweight & 2% CaCl (13.6 ppg, 1.54 cu. ft./sx., 7.7 gal wtr/sx). ECP @ 1575'. DV Tool @ 1570'.

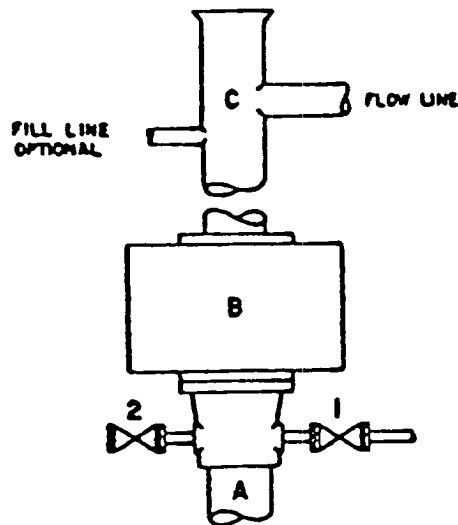
Production Casing:

1st Stage: 1100 sx. 50/50 Poz "H" & .8% Halad-9 & .3% HR-4 (14.2 ppg, 1.26 cu. ft./sx., 5.75 gal wtr/sx) & 400 sacks Class "H" & .3% HR-4 & .8% Halad-9 (15.6 ppg, 1.18 cu. ft./sx, 5.2 gal wtr/sx.)

2nd Stage: 1400 sx Lightweight (12.7 ppg, 1.84 cu. ft./sx, 9.9 gal wtr/sx) & 357 sacks 50/50 Poz "H" (14.2 ppg, 1.26 cu. ft./sx, 5.75 gal wtr/sx).

All other wells in this 1/4,1/4 Section are operated by Texaco Producing Inc.

**DRILLING CONTROL
CONDITION I-DIVERTER SYSTEM**



DRILLING CONTROL

MATERIAL LIST - CONDITION I

- | | |
|-----|--|
| A | Texaco Well Head |
| B | 1000# W.P. minimum Annular Preventer |
| C | Optional - Bell Nipple with Flowline and fill-up outlets |
| 1,2 | 2" minimum, 1000# W.P. minimum, screwed or flanged, gate or plug valve |



TEXACO, INC.
MIDLAND DIVISION
MIDLAND, TEXAS

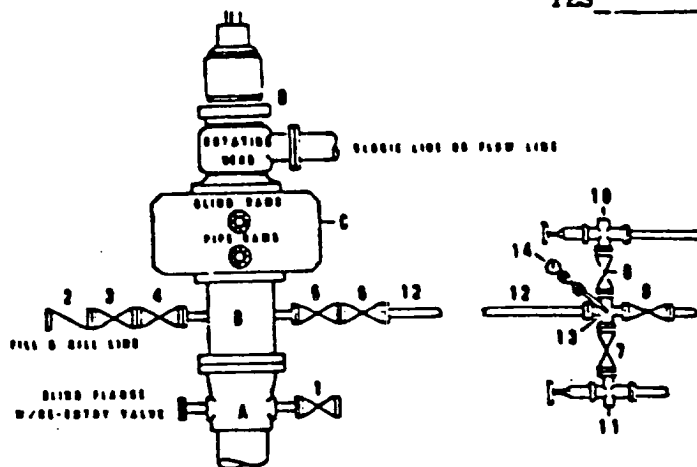


SCALE	DATE	EST NO	DRG NO
DRAWN BY			
CHECKED BY			
APPROVED BY			

EXHIBIT A

DRILLING CONTROL
CONDITION II-B 3000 WP
FOR AIR DRILLING OR
WHERE YATES AIR BLOWS ARE EXPECTED

H₂S TRIM REQUIRED
 YES _____ NO _____



DRILLING CONTROL

MATERIAL LIST - CONDITION II - B
FOR AIR DRILLING

- | | |
|---------------|---|
| A | Texaco Wellhead |
| B | 3000# W.P. drilling spool with a 2" minimum flanged outlet for kill-line and 3" minimum flanged outlet for choke line |
| C | 3000# W.P. Dual ram type preventer, hydraulic operated with 1" steel, 3000# W.P. control lines (where sub-structure height is adequate, 2-3000# W.P. single ram type preventers may be utilized.) |
| D | Rotating Head and extended Elctric Line. |
| 1,3,4,
7,8 | 2" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve. |
| 2 | 2" minimum 3000# W.P. back pressure valve |
| 5,6,9 | 3" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve. |
| 12 | 3" minimum schedule 80, Grade "B", seamless line pipe |
| 13 | 2" minimum x 3" minimum 3000# W.P. flanged cross |
| 10, 11 | 2" minimum 3000# W.P. adjustable choke bodies |
| 14 | Cameron Mud Gauge or equivalent (location optional in choke line.) |



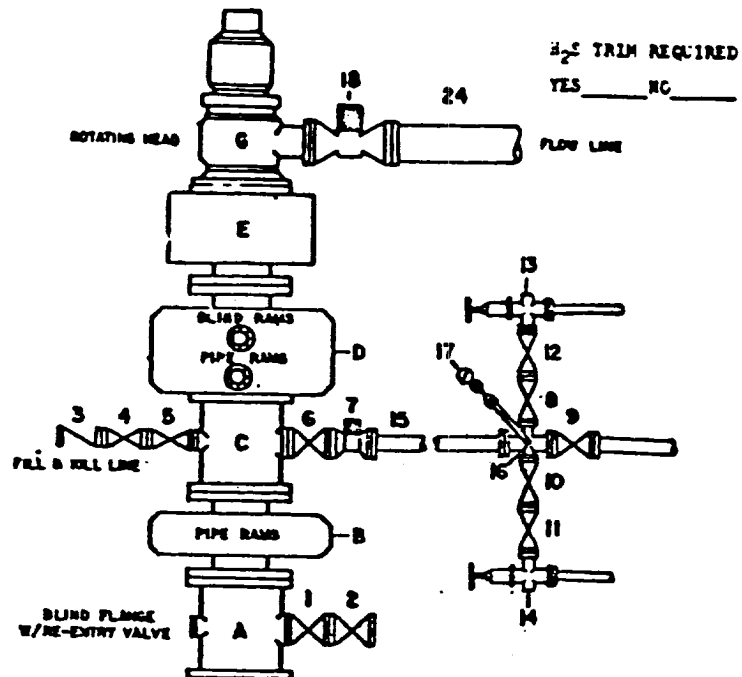
TEXACO, INC.
 MIDLAND DIVISION
 MIDLAND, TEXAS



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EXHIBIT C

DRILLING CONTROL **CONDITION IV-B-5000 PSI WP**



WELLHEAD CONTROL

MATERIAL LIST - CONDITION IV-B

- A Tenaco Wellhead
- B 5000# Single Ram type preventer, hydraulic operated with 1" steel, 5000# W.P. control lines
- C 5000# W.P. Drilling Spool with a minimum 2" flanged outlet for kill line and 3" minimum flanged outlet for choke line.
- D 5000# W.P. Dual Ram Type preventer, hydraulic operated with 1" steel, 5000# W.P. control lines
- E 5000# W.P. Annular Preventer, hydraulic operated with 1" steel, 5000# W.P. control lines
- F Bell nipple with flowline and fill-up outlets (kill line may also be used for fill-up line).
- 1,2,4,5, 8,10,11, 12 2" minimum 5000# W.P. flanged full opening steel gate valve or Ballibarton Lo Torr plug valve
- 3 2" minimum 5000# W.P. back pressure valve
- 6,9 3" minimum 5000# W.P. flanged full opening steel gate valve, or Ballibarton Lo Torr Plug valve
- 7 3" minimum 5000# W.P. flanged hydraulic valve
- 13 3" minimum Schedule 160, Grade B, seamless line pipe
- 16 2" minimum x 3" minimum 5000# W.P. flanged cross
- 13,14 2" minimum 5000# W.P. adjustable choke with carbide trim
- 17 Cameron Red Gauge or equivalent (location in choke line optional.)
- 18 1" minimum 5000# hydraulic flanged valve
- 24 2" minimum steel flow line



TEXACO, INC.
WILCOX DIVISION
WILCOX, TEXAS



SCALE:	DATE	EST. NO.	DRG. NO.
DRAWN BY:			
CHECKED BY:			
APPROVED BY:			

EXHIBIT F

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JUL 24 1971
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