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U.S.G.S.	
LAND OFFICE	
OPERATOR	

1A. Indicate Type of Lease
STATE ☒ FEDERAL ☐
1. State Oil & Gas Lease No.
B-1031

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

2. Type of Work		7. Unit Agreement Name	
Type of Well		8. Term or Lease Name	
DRILL ☒	DEEPEN ☐	N.M. "AB" State TN	
Type of Well		9. Well No.	
OIL WELL ☒	GAS WELL ☐	9	
Name of Operator		10. Field and Pool, or Wildcat	
Texaco Producing Inc.		*See Attachment	
Address of Operator		11. County	
P. O. Box 728, Hobbs, New Mexico 88240		Lea	
Location of Well		12. Rotary or C.T.	
UNIT LETTER P LOCATED 538 FEET FROM THE South LINE		Rotary	
818 FEET FROM THE East LINE OF SEC. 6 TWP. 18-S SEC. 35-E NMPM		19. Proposed Depth	
		10,400'	
		19A. Formation	
		**See Attachment	
1. Elevations (show whether DT, KT, etc.)		20. Approx. Date Work will start	
3969 GR		November 23, 1987	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
Blanket			

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	Circulate
19"	16"	75#	1550'	1250	Circulate
15"	11-3/4"	47# & 54#	2800'	1700	Circulate
10-5/8"	8-5/8"	32# & 28#	5000'	1350	Circulate
8-3/4"	7"	26# & 23#	10,400'	1700	Circulate

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 sacks Light Weight & 2% CaCl & 1/4#/sx. Flocele (13.6 ppg, 1.54 cu. ft./sx., 7.7 gal. wtr./sx.) followed by 250 sacks Class "H" & 2% CaCl & 1/4#/sx. Flocele (15.6 ppg, 1.18 cu. ft./sx., 5.2 gal. wtr./sx.)

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

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

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

and L. J. Seeman Title District Petroleum Engineer Date 11/18/87

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

PROVED BY DISTRICT 1 SUPERVISOR TITLE DATE NOV 19 1987

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

NEW MEXICO "AB" STATE TN WELL NO. 9
LEA COUNTY, NEW MEXICO

Continuation to Form C-101

2nd Intermediate Casing:

1st Stage: 800 sacks Class "H" w/15# Salt & 1/4#/sx. Flocele (15.9 ppg, 1.22 cu. ft./sx., 5.2 gal. wtr./sx.) followed by 250 sacks Class "H" w/2% CaCl & 1/4#/sx Flocele (16.4 ppg, 1.06 cu. ft./sx., 4.3 gal. wtr/sx.).

2nd Stage: 650 sacks Class "H" w/2% CaCl (15.6 ppg, 1.18 cu. ft./sx., 5.2 gal. wtr./sx.). DV Tool @ 1570'. ECP @ 1575'.

3rd Intermediate Casing:

1000 sacks Lightweight w/1/4# Flocele (12.7 ppg, 1.84 cu. ft./sx., 9.9 gal. wtr./sx.) followed by 350 sacks Class "H" w/1/4#/sx. Flocele (15.6 ppg, 1.18 cu. ft./sx., 5.2 gal. wtr/sx.).

Production Casing:

1st Stage: 600 sacks Class "H" w/1/4#/sx. Flocele w/.2% HR-4 & .4% Halad-9 (15.6 ppg, 1.18 cu. ft./sx., 5.2 gal. wtr./sx.).

2nd Stage: 400 sacks Lightweight w/1/4#/sx. Flocele (12.4 ppg, 1.97 cu. ft./sx., 10.9 gal. wtr./sx.) followed by 700 sacks Class "H" w/1/4#/sx. Flocele w/.4% Halad-9 (15.6 ppg, 1.18 cu. ft./sx., 5.2 gal. wtr/sx.). DV Tool @ 8000'.

NEW MEXICO "AB" STATE TN WELL NO. 9
LEA COUNTY, NEW MEXICO

Continuation to Form C-101

*10. Field & Pool

Undesignated Vacuum Glorieta
Vacuum Abo Reef
Undesignated East Vacuum - Wolfcamp
Undesignated Vacuum - Upper Penn

**19A. Formation

Glorieta
Abo Reef
Bursum
Upper Penn

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

Operator Texaco Producing Inc.		Lease New Mexico "AB" State TN		Well No. 9
Unit Letter	Section 6	Township 18-South	Range 35-East	County Lea
Actual Postage Location of Well: 538 feet from the South line and 818 feet from the East line				
Ground Level Elev. 3969	Producing Formation Glorieta, Abo Reef, Bursum	Pool Undes. Vac. Glorieta, Vac. Abo Reef, Undes. E. Vac. Wolfcamp	Dedicated Acreage 40 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 _____

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

November 18, 1987

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.

REGISTERED LAND SURVEYOR
NEW MEXICO
November 18, 1987
Registered Professional Engineer
No. 1 and 4286
B. L. Eiland
Certificate 1641111111

4386

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

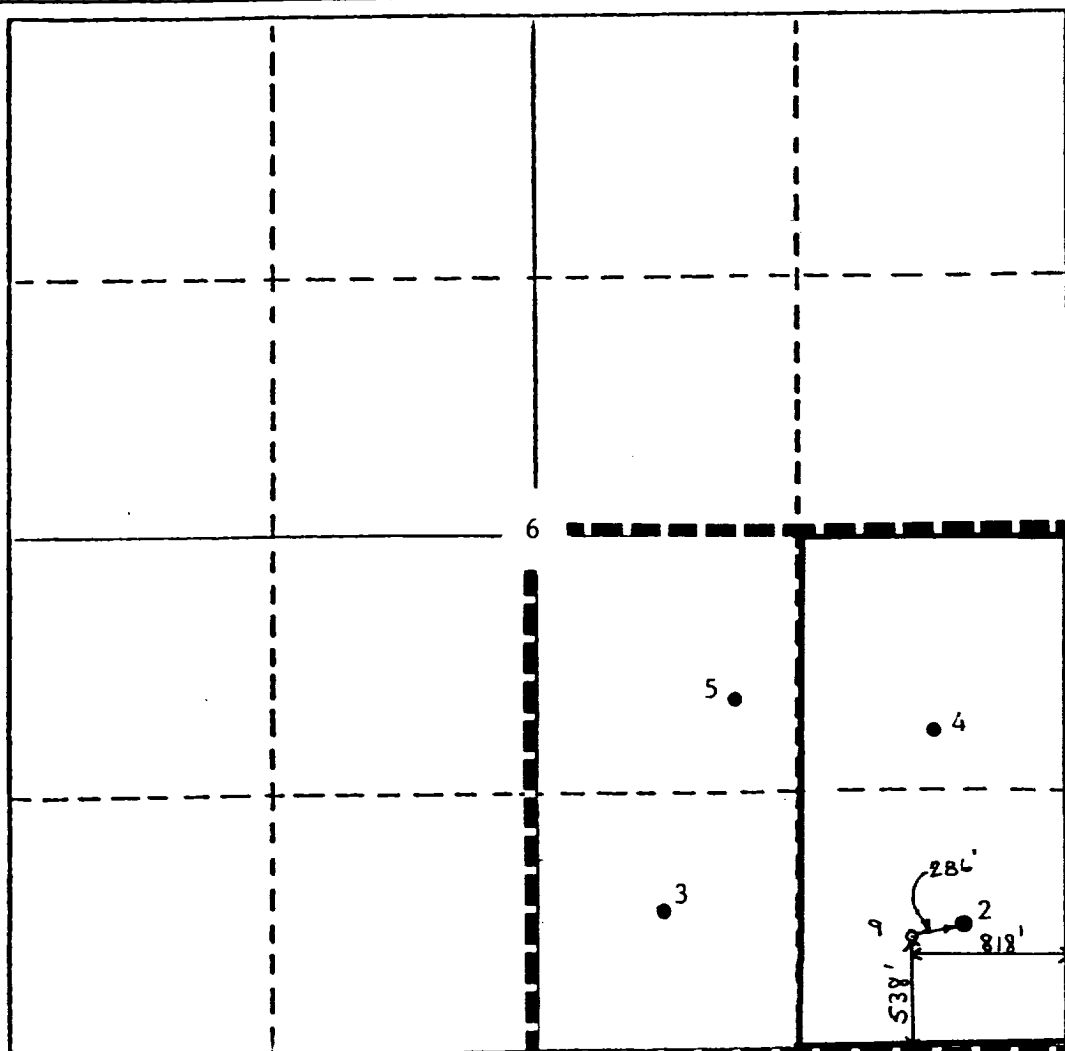
Operator Texaco Producing Inc.		Lease New Mexico "AB" State TN		Well No. 9
Unit Letter	Section 6	Township 18-South	Range 35-East	County Lea
Actual Postage Location of Well: 538 feet from the South line and 818 feet from the East line				
Ground Level Elev. 3969	Producing Formation Upper Penn	Pool Undes. Vacuum Upper Penn		Dedicated Acreage: 80 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?

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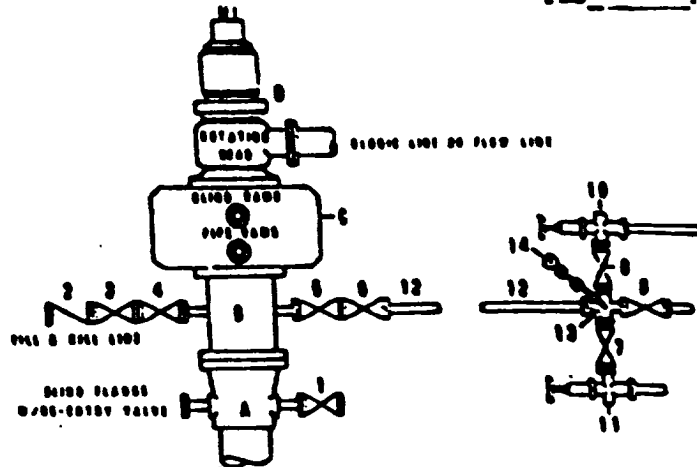
REGISTERED LAND SURVEYOR
NEW MEXICO
November 18, 1987
Registered Professional Engineer
in Land Surveying
B. L. Eiland
Certificate No. 11111

4386

ABOVE 5000'

**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

- 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 Elastic 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 "W", 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 Scribe or equivalent (location optional in choke line.)



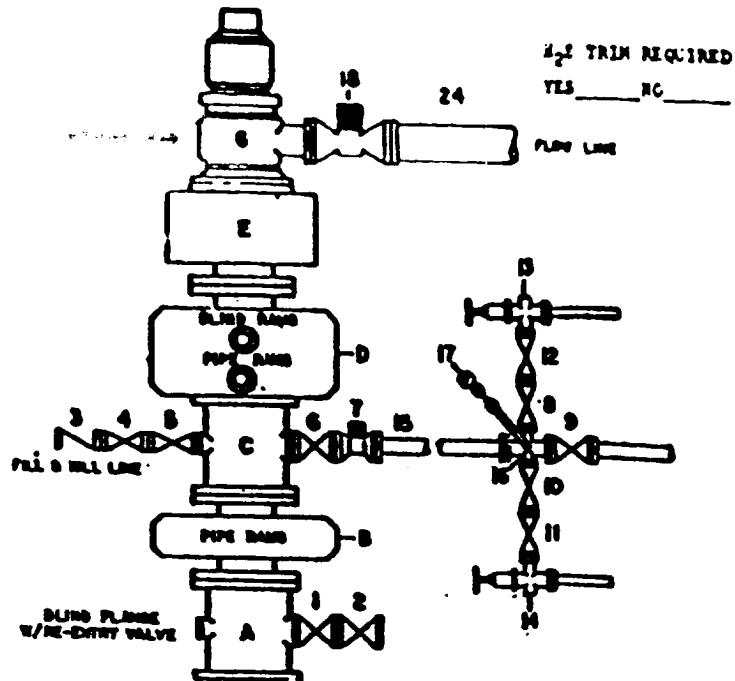
TEXACO, INC.
WELLS DIVISION
HOUSTON, TEXAS



SCALE	DATE	REV NO	QTY NO
DRAWN BY			
CHECKED BY			
APPROVED BY			

EXHIBIT C

DRILLING CONTROL
CONDITION IX-B-6000 PSI WP



MATERIAL LIST - COMPLETION 10-0

- A Tenare Wellhead
- B 50000 Single Ram type preventer, hydraulic operated with 1" steel, 50000 W.P. control lines
- C 50000 W.P. Drilling Spool with a minimum 2" flanged outlet for kill line and 3" minimum flanged outlet for choke line.
- D 50000 W.P. Dual Ram Type preventer, hydraulic operated with 1" steel, 50000 W.P. control lines
- E 50000 W.P. Annular Preventer, hydraulic operated with 1" steel, 50000 W.P. control lines
- F Drill Pipe with flowline and kill-up outlets (kill line may also be used for fill-up flow).
- 1,2,4,5, 2" minimum 50000 W.P. flanged full opening steel gate valve or Ball/Burnham to Tork plug valve
6,10,11, 12
- 3 2" minimum 50000 W.P. back pressure valve
- 6,9 2" minimum 50000 W.P. flanged full opening steel gate valve, or Ball/Burnham to Tork Plug valve
- 7 2" minimum 50000 W.P. flanged hydraulic valve
- 15 2" minimum Schedule 160, Grade 9, seamless line pipe
- 16 2" minimum & 3" minimum 50000 W.P. flanged cross
- 13,34 2" minimum 50000 W.P. adjustable choke with carbide trim
- 77 Cameron Red Gauge or equivalent (location to choke line optional.)
- 18 2" minimum X260 parallel flange valve
- 20 2" minimum steel flow line

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



TEXACO, INC.
OIL AND OILS
OIL, TEXAS



EXHIBIT F

72-2810-26-88

ELF

RECEIVED

NOV 18 1961

6-2-60