

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980
DISTRICT II
P.O. Box Drawer DD, Artesia, NM 88211-0719
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV
P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address TEXACO EXPLORATION & PRODUCTION INC. P.O. BOX 730, HOBBS, NM 88240		² OGRID Number 022351
⁴ Property Code 10987	⁵ Property Name MALAGA HARROUN 6 COM	³ API Number 30-015-23757
		⁶ Well No. 1

⁷ Surface Location

Ul or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
F	6	24S	29E		1980	NORTH	1880	WEST	EDDY

⁸ Proposed Bottom Hole Location If Different From Surface

Ul or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
⁹ Proposed Pool 1 WILDCAT BONE SPRINGS					¹⁰ Proposed Pool 2				

¹¹ Work Type Code P	¹² WellType Code O	¹³ Rotary or C.T. R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 2954'
¹⁶ Multiple No	¹⁷ Proposed Depth 10050'	¹⁸ Formation BONE SPRINGS	¹⁹ Contractor PRIDE	²⁰ Spud Date 9/5/95

²¹ Proposed Casing and Cement Program

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
26"	20"	94#	461'	1300 SX, CIRC 300 SX	SURFACE
17 1/2"	13 3/8"	68#, 61#, 48#	2762'	2270 SX, CIRC 221SX	SURFACE
12 1/4"	9 5/8"	53.5#, 43.5#, 40#	10,400'	3450 SX, CIRC 40 SX	5600'
8 1/2"	7" (LINER)	26#	12,571'	575 SX	10,099'
6 1/8"	5" (LINER)	17.93#	13,300'	235 SX	12,235'

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone.
Describe the blowout prevention program, if any. Use additional sheets if necessary.

1. MIRU PU, KILL TBG W/ 10# BRINE. ND PROD TREE & BOP W/ 2 3/8" PIPE RAMS.
2. RELEASE 7" PERMA-LATCH PKR SET @ 11,813' & TOH W/ PKR & 2 3/8" TBG.
3. SET 7" CIBP @ 11,935' (TOP ATOKA PERF @ 11,981') & DUMP 35' CMT ON TOP, PBTD @ 11,900'. SET 9 5/8" CIBP @ 10,085' (TOP OF 7" LINER @ 10,099') & DUMP 35' CMT ON TOP, PBTD @ 10,050'.
4. CHANGE OUT 2 3/8" RAMS TO 2 7/8" RAMS. TIH W/ 2 7/8" WS TO 6700'. CIRC HOLE W/ 500 BBL 2% KCL. TEST CSG & CIBP TO 2500#.
PULL BTM OF TBG TO 6630' (LOWER MOST BS PERF). SPT 150 GALS 10% ACETIC ACID ACROSS BS INT 6598'-6630'. TOH W/ TBG.
5. RUN GR-CBL-CCL LOG FROM 10,050' (PBTD) TO 6000'. PERFORATE W/ 2 JSPF THE BONE SPRINGS INTERVAL 6598'-6630' (32' NET, 64 HLES).
6. SET 9 5/8" 6K TREATING PKR @ +/- 6500'. LOAD BS & TST PKR TO 1000#. ND BOP, NU 5000# FRAC TREE. ACIDIZE BS PERFS W/ 3000 GALS 15% HCL NEFE. PUMP @ AVG RATE OF 10 BPM W/ MAX PRESSURE NOT TO EXCEED 5000#. FLUSH 2/2% KCL WATER TO BOTTOM PERF.
7. FLOW/SWAB TEST WELL. FRAC BONE SPRINGS PERFS W/ 42,500 GALS OF 35# BORATE XLG 2% KCL CARRYING 215,000# 20/40 OTTAWA SMD @ AVG RATE OF 15 BPM W/ MAX TBG PRESSURE NOT TO EXCEED 5000#. SWAB BACK WELL, RETURN TO PRODUCTION.

²³ I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature *Monte C. Duncan*

Printed Name Monte C. Duncan

Title Engr Asst

Date 8/23/95

Telephone 397-0418

OIL CONSERVATION DIVISION

Approved By:

**ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR**

Title:

Approval Date: **SEP 11 1995** Expiration Date:

Conditions of Approval:
Attached ☐