

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

<sup>1</sup> Operator Name and Address TEXACO EXPLORATION & PRODUCTION INC. 205 E. Bender, HOBBS, NM 88240		<sup>2</sup> OGRID Number 022351
		<sup>3</sup> API Number 30 025 11145
<sup>4</sup> Property Code 010917	<sup>5</sup> Property Name COOPER JAL UNIT	<sup>6</sup> Well No. 101

<sup>7</sup> Surface Location

UI or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
C	18	24S	37E		660	NORTH	1980	WEST	LEA

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface

UI or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
<sup>9</sup> Proposed Pool 1 JALMAT GAS					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code P	<sup>12</sup> Well Type Code G	<sup>13</sup> Rotary or C.T. R	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3306'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 3265'	<sup>18</sup> Formation JALMAT GAS	<sup>19</sup> Contractor PRIDE	<sup>20</sup> Spud Date

<sup>21</sup> Proposed Casing and Cement Program

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17" O.D.	13-3/8" O.D.	40#	251'	250	CIRC.
12.25" O.D.	9-5/8" O.D.	47#	2822'	750	CALC W/75% F
8.5" O.D.	7" O.D.	28#	3440'	100	CALC W/75% F
6" O.D.			3572' OPEN		

<sup>22</sup> 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.

CURRENT COMPLETION: Langlie Mattix Injector (6" OH 3440-3572')

1. MIRU pulling unit. POOH injection tbg and packer laying down. Kill well and NU 3000# BOP w/3 1/2" pipe rams.

2. MIRU wireline. TIH w/5.5" CIBP and set @ 3,300' (top of 4.5" liner @ 3,340'). Dump 35' cmt on top of CIBP w/wireline dump bailer for PBTD 3265'. RU GR-DSN-CBL-CCL tools and log from PBTD to approx. 2,265'. RD wireline.

3. TIH w/4" 19.5 gram csg gun on 120 deg spiral phasing @ 2 JSPF, .46" hole diameter and perforate the Jalmat interval as determined from log analysis. RD wireline.

4. RU DS. Acidize Jalmat perms w/5,000 gallons 15% HCL NEFE acid w/ 7/8" 1.3 s.g. ball sealers. Pump @ an average rate of 8-10 BPM w/maximum pressure=8,000#. RD DS.

5. RU DS. Frac Jalmat perms w/ 155,000 gallons 50 quality CO2 foam carrying 385,000# 12/20 Brady sand at an average rate of 45 bpm w/max tbg pressure=8000#. Shut down for approx. 1 min during pad and record pressures. Stage sand, do not ramp. Record pressures for at least 15 minutes after finishing flush. 6. RD DS. 7. If well dies, swab well to recover load. Put on production and test.

<sup>23</sup> 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

*Paula S. Ives*

Printed Name Paula S. Ives

Title Engineering Assistant

Date 4/22/96

Telephone 397-0442

OIL CONSERVATION DIVISION

Approved By:

GARY W. [Signature]  
FIELD REPRESENTATIVE II

Title:

Approval Date:

APR 24 1996

Expiration Date:

Conditions of Approval:

Attached ☐

APR 11 1996

APR 11 1996  
Received  
Harris  
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