

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

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 21, 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. Altura Energy LTD P.O. Box 4294 Houston, Texas 77210-4294		¹ OGRID Number 157984
		¹ API Number 30-025-34416
⁴ Property Code 19520	⁴ Property Name North Hobbs G/SA Unit	⁴ Well No. 545

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
G	33	18-S	38-E		1925	North	2100	East	Lea

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
G	33	18-S	38-E		1950	North	1400	East	Lea

⁹ Proposed Pool 1 Hobbs; Grayburg - San Andres	⁹ Proposed Pool 2
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¹⁰ Work Type Code N	¹⁰ Well Type Code O	¹⁰ Cable/Rotary R	¹⁰ Lease Type Code S	¹⁰ Ground Level Elevation 3638'
¹⁰ Multiple No	¹⁰ Proposed Depth 4700	¹⁰ Formation San Andres	¹⁰ Contractor Key Energy	¹⁰ Spud Date July, 1998

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
18	14	Conductor	40	50 sx.	
12-1/4	8-5/8	24	1700	800 sx.	Surface
7-7/8	5-1/2	15.5	4700	700 sx.	Surface

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.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

See attached for proposed drilling program

BOP Program 3000# Ram Preventer

Note: Well will be drilled closed loop - Altura intends to haul drilling fluids and cuttings to Parabo Inc., Eunice, New Mexico

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Mark Stephens*

Printed name: Mark Stephens

Title: Business Analyst (SG)

Date: 6/3/98

Phone: (281) 552-1158

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY CHRIS WILLIAMS
DISTRICT I SUPERVISOR

Approval Date: JUN 08 1998

Expiration Date:

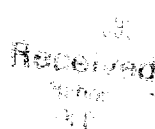
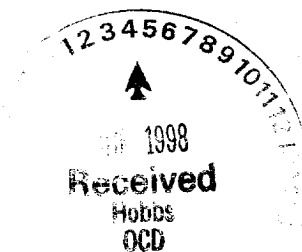
Conditions of Approval:
Attached ☐

C-101 Instructions

Measurements and dimensions are to be in feet/inches. Well locations will refer to the New Mexico Principal Meridian.

IF THIS IS AN AMENDED REPORT CHECK THE BOX LABELED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

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| <p>1 Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office.</p> <p>2 Operator's name and address</p> <p>3 API number of this well. If this is a new drill the OCD will assign the number and fill this in.</p> <p>4 Property code. If this is a new property the OCD will assign the number and fill it in.</p> <p>5 Property name that used to be called 'well name'</p> <p>6 The number of this well on the property.</p> <p>7 The surveyed location of this well New Mexico Principal Meridian NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD Unit Letter.</p> <p>8 The proposed bottom hole location of this well at TD</p> <p>9 and 10 The proposed pool(s) to which this well is being drilled.</p> <p>11 Work type code from the following table:
 N New well
 E Re-entry
 D Drill deeper
 P Plugback
 A Add a zone</p> <p>12 Well type code from the following table:
 O Single oil completion
 G Single gas completion
 M Multiple completion
 I Injection well
 S SWD well
 W Water supply well
 C Carbon dioxide well</p> <p>13 Cable or rotary drilling code
 C Propose to cable tool drill
 R Propose to rotary drill</p> <p>14 Lease type code from the following table:
 S State
 P Private</p> <p>15 Ground level elevation above sea level</p> <p>16 Intend to multiple complete? Yes or No</p> <p>17 Proposed total depth of this well</p> <p>18 Geologic formation at TD</p> <p>19 Name of the intended drilling company if known.</p> | <p>20 Anticipated spud date.</p> <p>21 Proposed hole size ID inches, proposed casing OD inches, casing weight in pounds per foot, setting depth of the casing or depth and top of liner, proposed cementing volume, and estimated top of cement</p> <p>22 Brief description of the proposed drilling program and BOP program. Attach additional sheets if necessary.</p> <p>23 The signature, printed name, and title of the person authorized to make this report. The date this report was signed and the telephone number to call for questions about this report.</p> |
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Proposed Drilling Program
North Hobbs G/SA Unit No. 33-545
Lea County, New Mexico

A 12-1/4" hole will be drilled from surface to approximately 1725'. This will allow for protection of all water zones and casing off of the Red Beds. A full string of 8-5/8", 24#, J-55 surface casing will be run and set 25' into the top of the Rustler Anhydrite with cement circulated to surface. The cement will be allowed to set for a minimum of eight (8) hours (minimum 500# compressive strength) and will then be tested to 1500 psi for 30 minutes before drilling resumes. After the casing is run and cemented, weld on 8-5/8" X 11" 3M casinghead housing and nipple up BOP stack (3000# Ram Preventer).

A 7-7/8" hole will be drilled out from surface casing point (1700') to +/- 4700' TVD. A full string of 5-1/2", 15.5#, J-55 casing will be run to TD and cemented to surface (casing test to 1500 psi will be done by the completion rig).

RECEIVED
JUL 1998
Received
Kohls
OCD