

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 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

Operator Name and Address. Altura Energy LTD P.O. Box 4294 Houston, TX 77210-4294		OGRID Number 157984
		API Number 30 - 0 25-32844
Property Code 19522	Property Name State 'A'	Well No. 10

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
A	31	17-S	35-E		940	North	940	East	Lea

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
Proposed Pool 1 Vacuum Abo, North					Proposed Pool 2				

Work Type Code P	Well Type Code O	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3973' GL
Multiple No	Proposed Depth 11,973' (MD)	Formation Abo	Contractor	Spud Date

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
24	20	Conductor	40	60	
17-1/2	13-3/8	54.5	1478	1350	Surface
12-1/4	9-5/8	36	3706	1250	Surface
8-3/4	7	23, 26	10,700	2880	4230 (CBL)
6-1/8	5	15	10,219 - 10,641	75	N/A

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.

The proposal is to plug back the Vacuum - Middle Penn (Cisco) and recompleate in the Vacuum Abo, North -- see attached for proposed procedure.

Permit Expires
Date Unestimated

Plugback

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:

6/10/98

Phone:

(281) 552-1158

OIL CONSERVATION DIVISION

Approved by

ORIGINAL SIGNATURE OF JAMES WILLIAMS

Title:

DISTRICT I SUPERVISOR

Approval Date

JUN 17 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:
 F Federal
 S State
 P Private
 N Navajo
 J Jicarilla
 U Ute
 I Other Indian tribe</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 Plugback Procedure
State 'A' Well No. 10
Lea County, New Mexico

- 1) MI x RU. Bleed off wellhead pressure. ND x-mas tree and NU BOP.
 - 2) POH with production packer and tubing.
 - 3) Abandon lower portion of hole by either RIH with open ended tubing to set a cement plug or RIH with cement retainer to +/- 10,630' and cement squeeze below the retainer (method to be approved by the NMOCD).
 - 4) RU perforating company and perf the Abo as follows (4" casing gun, 2 SPF):
 - 9280' – 9295'
 - 9170' – 9185'
 - 8790' – 8800'
 - 8560' – 8575'
 - 5) RIH with 2-7/8" tubing and packer and set pkr. at approx. 8450'. Swab test all perforations and report swab test results.
 - 6) Based on swab or flow test, the Abo perms may be acidized (acid design to be determined).
 - 7) Swab back acid water and obtain swab or flow test on well.
 - 8) Run rods and pump.
 - 9) Turn well over to production.
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