

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 30-025-34373
⁴ Property Code 19520	⁴ Property Name North Hobbs G/SA Unit	⁴ Well No. 332

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
J	33	18-S	38-E		2415	South	2200	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
⁹ Proposed Pool 1 Hobbs; Grayburg - San Andres					⁹ Proposed Pool 2				

¹¹ Work Type Code N	¹¹ Well Type Code 0	¹¹ Cable/Rotary R	¹¹ Lease Type Code S	¹¹ Ground Level Elevation 3637'
¹¹ Multiple No	¹¹ Proposed Depth 4700'	¹¹ Formation San Andres	¹¹ Contractor Key Energy	¹¹ Spud Date June, 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.

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: 4/13/98
Phone: (281) 552-1158

OIL CONSERVATION DIVISION

Approved by: *Paul K. Ortiz*
Title: *Regional*
App. Date: *APR 21 1998*
Expiration Date:
Conditions of Approval:
Attached ☐

Proposed Drilling Program
North Hobbs G/SA Unit No. 33-332
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).

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals and Natural Resources Department

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Revised February 10, 1994
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Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

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

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <u>30-025-34373</u>	Pool Code 31920	Pool Name Hobbs; Grayburg - San Andres
Property Code 19520	Property Name NORTH HOBBS G/SA Unit	Well Number 332
OGRID No. 157984	Operator Name ALTURA ENERGY LTD.	Elevation 3637'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	33	18 S	38 E		2415	SOUTH	2200	EAST	LEA

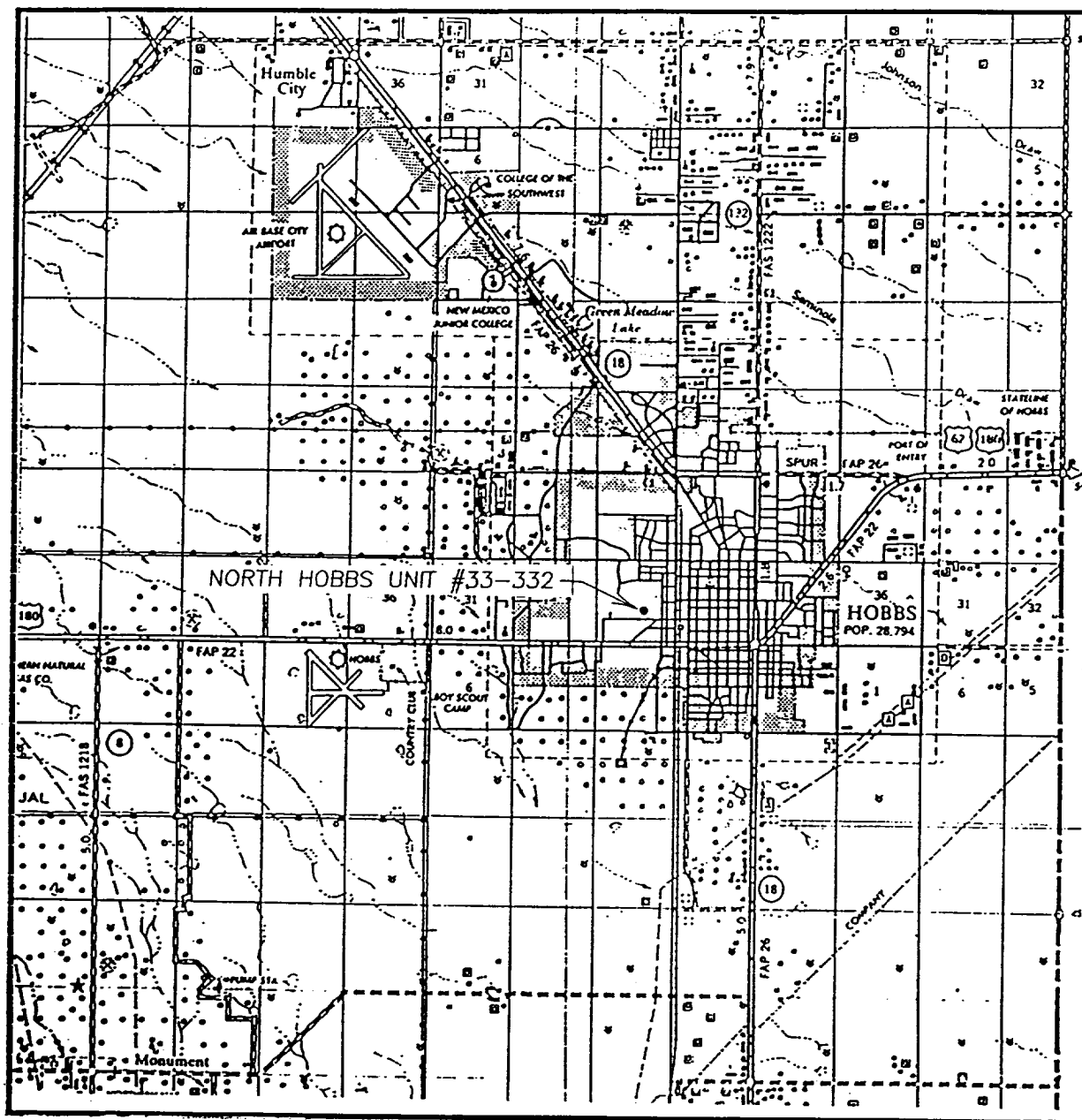
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill I	Consolidation Code U	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>NEW MEXICO EAST NAD 1927 Y=621536 X=904731 32°42'11.28" N 103°09'05.38" W</p> <p>3638.4 3636.0'</p> <p>3636.4' 3636.0'</p> <p>2200'</p> <p>2415'</p>				<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>Mark Stephens</u> Signature</p> <p>Mark Stephens Printed Name</p> <p>Business Analyst (SG) Title</p> <p>April 10, 1998 Date</p>	
				<p>SURVEYOR CERTIFICATION</p> <p>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 belief.</p> <p>FEBRUARY 18, 1998</p> <p>Date Surveyed CDG</p> <p>Signature & Seal of Professional Surveyor</p> <p>RONALD J. EDSON 2-24-97 98-11-0258</p> <p>Certificate No. RONALD J. EDSON 3239 GARY ERISON 12641</p>	

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 33 TWP. 18-S RGE. 38-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 2415' FSL & 2200' FEL

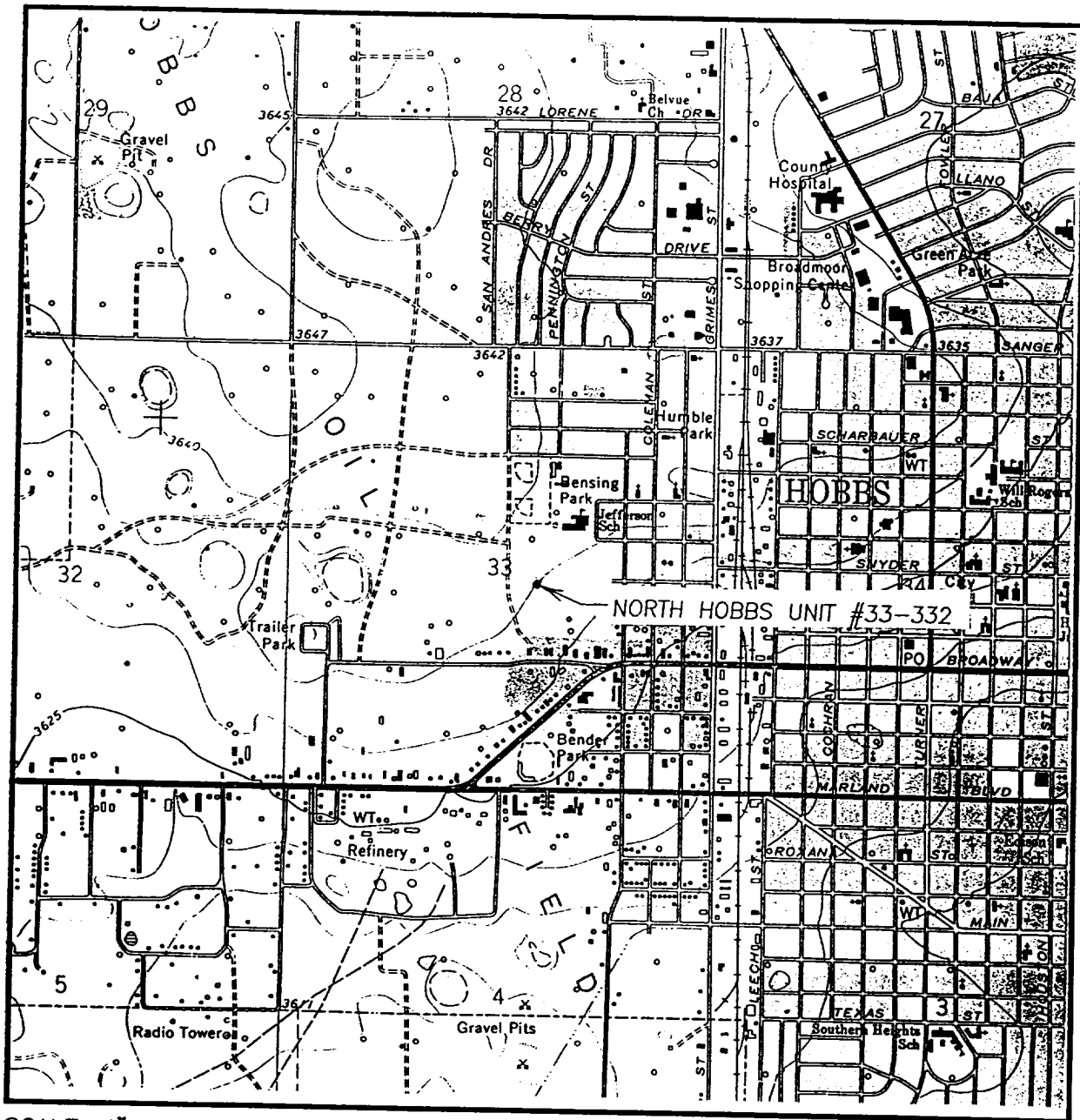
ELEVATION 3637'

OPERATOR ALTURA ENERGY LTD.

LEASE NORTH HOBBS UNIT

JOHN WEST ENGINEERING
HOBBS, NEW MEXICO
(505) 393-3117

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL - 5'

SEC. 33 TWP. 18-S RGE. 38-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 2415' FSL & 2200' FEL

ELEVATION 3637'

OPERATOR ALTURA ENERGY LTD.

LEASE NORTH HOBBS UNIT

U.S.G.S. TOPOGRAPHIC MAP
HOBBS WEST, NM

JOHN WEST ENGINEERING
HOBBS, NEW MEXICO
(505) 393-3117

86/81/8

101

