

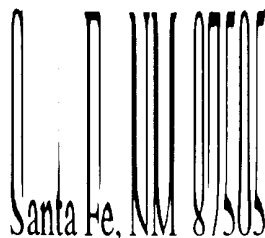
District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street, Artesia, NM 88210-2834
District III



District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco



Form C-101

Revised October 18, 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, TX 77210-4294		² OGRID Number 157984
		³ API Number 30-0 25-34983
⁴ Property Code 19520	⁵ Property Name North Hobbs G/SA Unit	⁶ Well No. 713

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
B	30	18-S	38-E		1196	North	1823	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
B	30	18-S	38-E		1156	North	2105	East	Lea

⁹ Proposed Pool 1 Hobbs; Grayburg - San Andres	¹⁰ Proposed Pool 2
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¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3652
¹⁶ Multiple No	¹⁷ Proposed Depth 4500'	¹⁸ Formation San Andres	¹⁹ Contractor Key Energy	²⁰ Spud Date May, 2000

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	Surface
12-1/4	8-5/8	24	1650	775	Surface
7-7/8	5-1/2	15.5	4500	750	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

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 (281) 552-1158**

Title: **Business Analyst (SG)**

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

DISTRICT I
P.O. Box 1000, Hobbs, NM 88241-1000

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer 20, Arleta, NM 88211-0710

DISTRICT III
1000 Rio Brazos Rd., Artes, 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 30-025-34983	Pool Code 31920	Pool Name HOBBS: GRAYBURG - SAN ANDRES
Property Code 19520	Property Name NORTH HOBBS G/SA UNIT	Well Number 713
OGRIID No. 157984	Operator Name ALTURA ENERGY LTD.	Elevation 3652

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	30	18 S	38 E		1196	NORTH	1823	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
B	30	18 S	38 E		1156	NORTH	2105	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40	I	U	

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

LOT 1 37.81 ACRES	LOT 2 37.85 ACRES	LOT 3 37.87 ACRES	LOT 4 37.91 ACRES
<p>PROPOSED PENETRATION POINT 3902' TVD</p> <p>PROPOSED BOTTOM HOLE LOCATION</p> <p>PROPOSED SURFACE LOC. NAD 27 NM EAST ZONE Y = 628452 X = 893440</p> <p>1156' 1157' 1196'</p> <p>1823' 2026' 2105'</p>		<p>(TRUE BRG.) N82°06'E - 205' SURF. TO PROP. PENETRATION PT. (TRUE BRG.) N82°06'E - 285' SURF. TO PROP. BOTTOM HOLE LOC.</p> <p>GEOGRAPHIC LOCATION NAD 83 LAT. = 32°43'20.63" N LONG. = 103°11'06.68" W</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 Mark Stephens Printed Name Business Analyst (SG) Title March 22, 2000 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>JANUARY 17, 2000</p> <p>Date Surveyed _____ DC</p> <p>Signature of _____ Professional Surveyor</p> <p>NEW MEXICO 3/15/2000 89-1-1101</p> <p>Certificate No. RONALD J. EIDSON 3239 CARY EIDSON 12641 MAISON-McDONALD 12185</p>			

Scientific Drilling Inc.

Planning Report

Company: Akura Energy Ltd. Field: North Hobbs GSA Unit Site: Lea County New Mexico Well: NHGSAU "30" #713 Wellpath: OH Original hole	Date: 03/08/2000 Co-ordinate(N/E) Reference: Site: Lea County New Mexico, True North Vertical (TVD) Reference: SITE 0.0 above Mean Sea Level Section (VS) Reference: Site (0.0E,0.0N,278.0Azi) Plan: Plan #1
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Field: North Hobbs GSA Unit

Map System: US State Plane Coordinate System 1927
Ellipsoid: Clarke - 1866
Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
North Reference: True
Geomagnetic Model: IGRF2000

Site: Lea County New Mexico

Site Position: From: Local Only Position Uncertainty: 0.0 ft Water Depth: 0.0 ft	Northing: ft Easting: ft	Latitude: Longitude: Magnetic Declination: 0.00 deg Grid Convergence: deg
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Well: NHGSAU "30" #713

Well Position: +N/-S 0.0 ft From Slot: +E/-W 0.0 ft Position Uncertainty: 0.0 ft	Northing: ft Easting : ft	Latitude: Longitude:
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Wellpath: OH Original hole

Vertical Section: +N/-S 0.0 ft From: Site +E/-W 0.0 ft Measured Depth Reference: SITE	Drilled From: Surface Tie-on Depth: ft V.Section Direction: 278.00 deg Above System Datum: Mean Sea Level
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Plan: Plan #1

Date Composed: 02/10/2000
Version: 1

Principal: Yes

Locked: No

Plan Section Information

MD ft	Incl deg	Azimu deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.0	0.00	277.97	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
2500.0	0.00	277.97	2500.0	0.0	0.0	0.00	0.00	0.00	0.00	
2889.6	9.74	277.97	2887.8	4.6	-32.7	2.50	2.50	0.00	277.97	
4228.2	9.74	277.97	4207.0	36.0	-257.0	0.00	0.00	0.00	0.00	Midpoint Pay-713
4375.3	9.74	277.97	4352.0	39.5	-281.7	0.00	0.00	0.00	0.00	

Section 1 : Start Hold

MD ft	Incl deg	Azimu deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
0.0	0.00	277.97	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
100.0	0.00	277.97	100.0	0.0	0.0	0.0	0.00	0.00	0.00	277.97
200.0	0.00	277.97	200.0	0.0	0.0	0.0	0.00	0.00	0.00	277.97
300.0	0.00	277.97	300.0	0.0	0.0	0.0	0.00	0.00	0.00	277.97
400.0	0.00	277.97	400.0	0.0	0.0	0.0	0.00	0.00	0.00	277.97
500.0	0.00	277.97	500.0	0.0	0.0	0.0	0.00	0.00	0.00	277.97
600.0	0.00	277.97	600.0	0.0	0.0	0.0	0.00	0.00	0.00	277.97
700.0	0.00	277.97	700.0	0.0	0.0	0.0	0.00	0.00	0.00	277.97
800.0	0.00	277.97	800.0	0.0	0.0	0.0	0.00	0.00	0.00	277.97
900.0	0.00	277.97	900.0	0.0	0.0	0.0	0.00	0.00	0.00	277.97
1000.0	0.00	277.97	1000.0	0.0	0.0	0.0	0.00	0.00	0.00	277.97
1100.0	0.00	277.97	1100.0	0.0	0.0	0.0	0.00	0.00	0.00	277.97
1200.0	0.00	277.97	1200.0	0.0	0.0	0.0	0.00	0.00	0.00	277.97
1300.0	0.00	277.97	1300.0	0.0	0.0	0.0	0.00	0.00	0.00	277.97
1400.0	0.00	277.97	1400.0	0.0	0.0	0.0	0.00	0.00	0.00	277.97
1500.0	0.00	277.97	1500.0	0.0	0.0	0.0	0.00	0.00	0.00	277.97
1600.0	0.00	277.97	1600.0	0.0	0.0	0.0	0.00	0.00	0.00	277.97
1700.0	0.00	277.97	1700.0	0.0	0.0	0.0	0.00	0.00	0.00	277.97
1800.0	0.00	277.97	1800.0	0.0	0.0	0.0	0.00	0.00	0.00	277.97
1900.0	0.00	277.97	1900.0	0.0	0.0	0.0	0.00	0.00	0.00	277.97
2000.0	0.00	277.97	2000.0	0.0	0.0	0.0	0.00	0.00	0.00	277.97
2100.0	0.00	277.97	2100.0	0.0	0.0	0.0	0.00	0.00	0.00	277.97

ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED

ELF

