

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Latigo Petroleum, Inc. 550 W. Texas, Suite 700 Midland, TX 79701		² OGRID Number 227001
³ Property Code 300355		³ API Number 30-025-34144
⁵ Property Name STATE 33		⁶ Well No. 2
⁹ Proposed Pool 1 GRAMA RIDGE; MORROW, EAST		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Westline	County
F	33	21S	35E		1980	NORTH	2310	WEST	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/Westline	County

Additional Well Information

¹¹ Work Type Code D	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3621'
¹⁶ Multiple NO	¹⁷ Proposed Depth 12,750' (+/-)	¹⁸ Formation MORROW	¹⁹ Contractor UNKNOWN	²⁰ Spud Date 09/15/2005
Depth to Groundwater 42'		Distance from nearest fresh water well 10.765' NW		Distance from nearest surface water 15 miles SE
Pit: Liner: Synthetic <input type="checkbox"/> milst thick Clay <input type="checkbox"/>		Pit Volume: _____ bbls		Drilling Method: Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>
Closed-Loop System <input checked="" type="checkbox"/>				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2	13-3/8	54.5	1118	950	Surface - Circ
12-1/4	9-5/8	36 & 40	4850	1705	Surface - Circ
8-3/4	7	23	11115	2 stg 450 + 800	4919' - Calc
6-1/8	4-1/2 Liner	11.6	10731-12620	220	

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.
Present zone completed 12/9/97 with perfs @ 12,526 - 12,535'.

Will use 10,000# hydraulic BOP.

Propose to squeeze perfs (12,526-12,535') @ 1000# w/75 sxs Class H cmt. DO cmt retainer & sqz to 12,540'. Test sqz to 500# & re-sqz if necessary. Drill float collar & float shoe @ 12,666'. Continue drlg to +/-12,741' or until lower sand and rathole cut. POH. RIH w/re-dressed 4-1/2" PLS pkr to +/- 12,625' & circ hole clean w/4% KCL. Set pkr.

Swab and flow test zone.

Permit Expires 1 Year From Approval

Date Unless Drilling Underway

Deepen

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOC guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		OIL CONSERVATION DIVISION	
Printed name: Sabra Woody <i>Sabra Woody</i>		Approved by: <i>[Signature]</i>	
Title: Engineering Technician		Title: PETROLEUM ENGINEER	
E-mail Address: swoody@latigopetro.com		Approval Date: AUG 01 2005	
Date: 07/27/2005	Phone: (432)684-4293	Conditions of Approval Attached <input type="checkbox"/>	

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

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

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

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

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

OIL CONSERVATION DIVISION

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-34144	Pool Code 77690	Pool Name Gramma Ridge; Morrow, East
Property Code 300355	Property Name STATE 33	Well Number 2
OGRID No. 227001	Operator Name Latigo Petroleum, Inc.	Elevation 3621

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	33	21 S	35 E		1980	NORTH	2310	WEST	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 320	Joint or Infill	Consolidation Code	Order No.
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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



OPERATOR CERTIFICATION

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

Sabra Woody
Signature

Sabra Woody
Printed Name

Engineering Technician
Title

7/14/2005
Date

SURVEYOR CERTIFICATION

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.

SEPTEMBER 15, 1997
Date Surveyed

DMCC

Signature: *Ronald L. Eidson*
Professional Surveyor

NEW MEXICO
3239
87-11-1528

Certificate No. JOHN W. WEST 676
RONALD L. EIDSON 3239
EIDSON 12641