

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
Revised June 10, 2003

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

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 Momentum Energy, LLC P.O. Box 3398, Midland, Texas, 79702		² OGRID Number 221356
		³ API Number 30 - 025-35359
³ Property Code ✓ 32588	⁵ Property Name Alfalfa "2" State	⁶ Well No. 1

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
L	2	24 S	37 E		2100	South	350	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/West line	County
⁹ Proposed Pool 1 Teague Fowler (ABO), So.					¹⁰ Proposed Pool 2				

¹¹ Work Type Code P	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3230'
¹⁶ Multiple N	¹⁷ Proposed Depth 6854'	¹⁸ Formation ABO	¹⁹ Contractor Patterson Drilling	²⁰ Spud Date 2-14-2001

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	9 5/8"	36 lb/ft	1082'	410	Surface
8 3/4"	5 1/2"	17 lb/ft	7900'	825	4720'

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.

Plug back Devonian perms @ 7520' - 7577' by setting a CIBP @ 7475' and capping with 35' of cement using wireline dump bailer.

Plug back Wolfcamp perms @ 7360' - 7414' by setting a cast iron bridge plug @ 7300' and capping with 35' of cement using wireline dump bailer.

Complete well in ABO formation @ 6854' - 6832' with 53 holes (0.45" diameter) and acidize with 4,000 gals 15% NEFE HCL acid and 100 - 788' ball sealers.

Build battery on site and equip well to pump on beam pumping equipment.

Permit Expires 1 Year From Approval Date Unless Drilling Underway

Plug-back

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Steve Rossler</i>		Approved by: <i>[Signature]</i>	
Printed name: Steve Rossler		Title: PETROLEUM ENGINEER	
Title: Petroleum Consultant		Approval Date: SEP 26 2003	Expiration Date:
E-mail Address:			
Date: August 29, 2003	Phone: 432-682-0595	Conditions of Approval: Attached <input type="checkbox"/>	

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

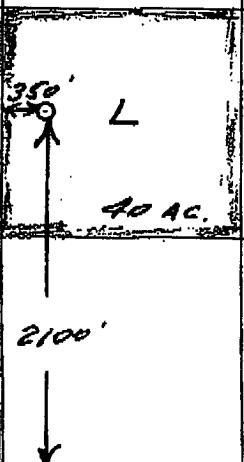
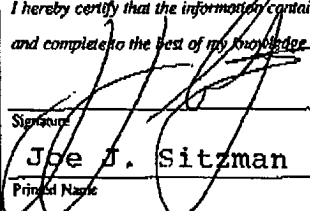
¹ API Number 30-025-35359	² Pool Code 58250	³ Pool Name TEAGUE FOUNTAIN (ABO) SOUTH
⁴ Property Code 32588	⁵ Property Name Alfalfa "2" State	
⁷ OGRID No. 221356	⁶ Well Number 1	
⁸ Operator Name Momentum Energy, LLC		⁹ Elevation 3230'

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¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

¹⁶ 	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature:  Joe J. Sitzman Vice-President Title and E-mail Address: 8/29/03 Date:			
	¹⁸ 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. Date of Survey: Signature and Seal of Professional Surveyor: Certificate Number:			