District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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.	[2]OGRID Number
Primal Energy Corporation 211 Highland Cross, Suite #227 Houston, TX 77073	154303 ~~142316~~
	[3]API Number 30-025-33177

[4]Property Code	[5]Property Name	[6]Well No.
~~17759~~ 26911	Knowles	1

[7]Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	N/S Line	Feet from the	E/W Line	County
J	1	16S	38E	10	3,627	N	1,425	E	Lea

[8]Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	N/S Line	Feet from the	E/W Line	County
I	1	16S	38E	9	3,940	N	1,246	E	Lea

[9]Proposed Pool 1	[10]Proposed Pool 2
Southeast Denton-Devonian	

[11]Work Type Code	[12]Well Type Code	[13]Cable/Rotary	[14]Lease Type Code	[15]Ground Level Elevation
D	O	R	S	3,717'
[16]Multiple	**[17]Proposed Depth**	**[18]Formation**	**[19]Contractor**	**[20]Spud Date**
N	13,100'	Devonian	Basic	6/18/01

[21] Proposed Casing and Cementing Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
	13 3/8"	Existing			
	8 5/8"	Existing			
	5 1/2"	Existing			
4 3/4"	3 1/2"	9.2 ppf	13'100' MD	130 sx.	11,150' TOL

[22] Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

1. Set retainer in 5 1/2" at 11,685' and squeeze existing perforations and liner with 150 sx.
2. Set whipstock and mill window in 5 1/2" at 11,650'.
3. Directionally drill to proposed new bottom hole.
4. Run and cement 3 1/2" liner and complete in Devonian.

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.

Signature: John Abernethy

Printed name: John Abernethy

Title: Mgr. Oper. & Eng.

OIL CONSERVATION DIVISION

Approved by: Orig. Signed by Paul Kautz

Title: Geologist

Approval Date: AUG 15 2001

Expiration Date:

SCA