

To ..... David Catanach .....



DHC

3/26/97

From

Donna

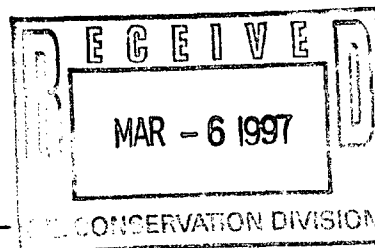
2/24/97

**Energy & Minerals Department**

OIL CONSERVATION DIVISION

P O Box 1980

Hobbs NM 88241



Telephone Number (505) 393-6161

☐ For Your Files

☐ Prepare a Reply for My  
Signature

☐ For Your Review and  
Return

☐ For Your Information

☒ For Your Handling

☐ For Your Approval

☐ As Per Your Request

☐ For Your Signature

☐ Please Advise

☐ For Your Attention

DISTRICT I  
PO Box 1980, Hobbs, NM 88240

DISTRICT II  
811 South First St., Artesia, NM 88210

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 S. Pacheco  
Santa Fe, NM 87505-6429  
APPLICATION FOR DOWNHOLE COMMINGLING

Form C-107-A

New 3-12-86

APPROVAL PROCESS

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

Primal Energy Corporation 222 Pennbriht, Suite #116, Houston, TX 77090  
OPERATOR ADDRESS  
Hale State 6 G-2-T25S-R37E Lea  
LEASE WELL NO. UNIT LTR.-SEC.-TWP.-RGE. COUNTY  
OGRID NO. 154303 Property Code 18949 API NO. 30-025-33507  
Spacing Unit Lease Types: (check 1 or more)  
Federal ☐ State ☒ Indian Fee ☐

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	Blinebry (34200)	Tubb Drinkard (35280)	
2 Top and Bottom of Pay Section (Perforations)	5090-5643'	5926-6134'	
3. Type of Production (Oil or Gas)	II	II	
4. Method of Production (Flowing or Artificial Lift)	AL	AL	
5. Bottomhole Pressure	a. (Current) 800psi	a. 900psi	a.
Oil Zones - Artificial Lift: Estimated Current			
Gas & Oil - Flowing: Measured Current	b. (Original)	b.	b.
All Gas Zones: Estimated or Measured Original			
6. Oil Gravity ( <sup>o</sup> API or Gas BTU Content)	37.3	35.9	
7. Producing or Shut-in?	P	SI	
Production Marginal? (yes or no)	Y	Y	
If Shut-in, give date and oil/gas/water rates of last production	Date:	Date: 10/96	Date:
Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data	Rates:	Rates: 20 BO, 85 MCF, 15 BW	Rates:
If producing, give date and oil/gas/water rates of recent test (within 90 days)	Date: 2/6/97 Rates: 44 BO, 172 MCF, 18 BW	Date: Rates:	Date: Rates:
8. Fixed Percentage Allocation Formula- % for each zone	Oil 69 % Gas 67 %	Oil 31 % Gas 33 %	Oil % Gas %

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.

10. Are all working, overriding, and royalty interests identical in all commingled zones? ☒ Yes ☐ No

If not, have all working, overriding, and royalty interests been notified by certified mail? ☐ Yes ☐ No

Have all offset operators been given written notice of the proposed downhole commingling? ☒ Yes ☐ No

11. Will cross-flow occur? ☒ Yes ☐ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable? ☒ Yes ☐ No (If no, attach explanation.)

12. Are all produced fluids from all commingled zones compatible with each other? ☒ Yes ☐ No

13. Will the value of production be decreased by commingling? ☐ Yes ☒ No (If yes, attach explanation.)

14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. ☒ Yes ☐ No

15. NMOCD Reference Cases for Rule 303(C) Exceptions:

ORDER NO(S):

16. ATTACHMENTS:

- \* C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- \* Production curve for each zone for at least one year. (If not available, attach explanation.)
- \* For zones with no production history, estimated production rates and supporting data.
- \* Data to support allocation method or formula.
- \* Notification list of all offset operators.
- \* Notification list of working, overriding, and royalty interests for uncommon interest cases.
- \* Any additional statements, data, or documents required to support commingling.

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

SIGNATURE  TITLE Manager, Operations & Engineering DATE February 17, 1997

TYPE OR PRINT NAME John Abernethy

TELEPHONE NO. (281) 875-5100

DISTRICT I

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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 &amp; Natural Resources Department

Form C-102

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

ee Lease - 3 Copies

## OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, NM 87505



AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-33507	<sup>2</sup> Pool Code 35280	<sup>3</sup> Pool Name Justis Tubb Drinkard
<sup>4</sup> Property Code 018949	<sup>5</sup> Property Name Hale State	<sup>6</sup> Well Number 6
<sup>7</sup> OGRID No. 154303	<sup>8</sup> Operator Name Primal Energy Corporation	<sup>9</sup> Elevation 3169'GL

<sup>10</sup> Surface Location

UL or lot no. G	Section 2	Township 25S	Range 37E	Lot Idn G	Feet from the 2260	North/South Line North	Feet from the 2310	East/West Line East	County Lea
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<sup>11</sup> 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
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<sup>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill Y	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

<sup>16</sup> 	<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature John Abernethy Printed Name Manager, Oper. & Eng. Title February 17, 1997 Date
	<sup>18</sup> SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from fieldnotes 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 Surveyer:
	Certificate Number

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## **List of Offset Operators - Hale State #6**

Citation Oil & Gas Corp.  
8223 Willow Pl. - Suite 250  
Houston, TX 77070

Collins & Ware, Inc.  
508 W. Wall, Suite 1200  
Midland, TX 79701-5076

Conoco, Inc.  
10 Desta DR, Suite 100W  
Midland, TX 79705-4500

Samson Resources Co.  
Two West Second Street  
Tulsa, OK 74103

OXY USA Inc.  
6 Desta Dr.-Suite 6000  
Midland, TX 79710

Texaco Exploration & Production, Inc.  
PO Box 1404  
Houston, TX 77251-1404