

District I  
1625 N French Drive, Hobbs, NM 88240

District II  
1301 W Grand Avenue, Artesia, NM 88210

District III  
1000 Rio Bravos Road, Aztec, NM 87410

District IV  
1220 S St Francis Dr, Santa Fe, NM 87505

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JUL 16 2010

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APPLICATION FOR DOWNHOLE COMMINGLING

State of New Mexico  
Geology, Minerals and Natural Resources Department

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

Form C-107A  
Revised June 10, 2003

APPLICATION TYPE  
☒ Single Well  
☐ Establish Pre-Approved Pools  
EXISTING WELLBORE  
☒ Yes ☐ No

Apache Corporation

6120 S Yale, Suite 1500 Tulsa, OK 74136-4224

Operator

Address

E W Walden

016

K

15

22S

37E

Lea

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 873

Property Code 26467

API No. 30-025-39696

Lease Type: ☐ Federal ☐ State ☒ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Blinebry Oil & Gas (Oil)	Tubb Oil & Gas (Oil)	Drinkard
Pool Code	6660	60240	19190
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	5394'-5780' (Perf)	6010'-6148' (Perf)	6303'-6567' (Perf)
Method of Production (Flowing or Artificial Lift)	Artificial Lift	Artificial Lift	Artificial Lift
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	N/A	N/A	N/A
Oil Gravity or Gas BTU (Degree API or Gas BTU)	35 degrees	40 degrees	39 degrees
Producing, Shut-In or New Zone	New Zone	New Zone	New Zone
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: 2003-2007 Avg 9 oil Rates: 122 gas 112 water	Date: 2003-2007 Avg 7 oil Rates: 80 gas 10 water	Date: 2003-2007 Avg 20 oil Rates: 80 gas 42 water
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas 23 % 38 %	Oil Gas 16 % 25 %	Oil Gas 51 % 25 %

#### ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?

Yes ☒ No ☐

If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☐ No ☐

Are all produced fluids from all commingled zones compatible with each other?

Yes ☒ No ☐

Will commingling decrease the value of production?

Yes ☐ No ☒

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?

Yes ☐ No ☐

NMOCD Reference Case No. applicable to this well: \_\_\_\_\_

#### 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 working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

#### PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools

List of all operators within the proposed Pre-Approved Pools

Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.

Bottomhole pressure data.

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

SIGNATURE Reesa Holland TITLE Sr. Engr Tech DATE 7/14/2010

TYPE OR PRINT NAME Reesa Holland TELEPHONE NO. (432) 818-1062

E-MAIL ADDRESS Reesa.Holland@apachecorp.com

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OGRID No. 873 Property Code 26467 API No. 30-025-39696 Lease Type: ☐ Federal ☐ State ☒ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Wantz; Abo		
Pool Code	62700		
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	6686'-7216' (Perf)		
Method of Production (Flowing or Artificial Lift)	Artificial Lift		
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	N/A		
Oil Gravity or Gas BTU (Degree API or Gas BTU)	41 degrees		
Producing, Shut-In or New Zone	New Zone		
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data )	Date: 2003-2007 Avg  4 oil Rates: 38 gas 36 water	Date:  Rates:	Date:  Rates:
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required )	Oil Gas  10 % 12 %	Oil Gas  % %	Oil Gas  % %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes ☒ No ☐  
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes ☐ No ☐

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

Will commingling decrease the value of production? Yes ☐ No ☒

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