

8/18/06 DATE IN	SUSPENSE	WILL JONES ENGINEER	LOGGED IN 8/21/06	TYPE DHC 3780	APP NO. P-TDSO623347824
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Print or Type Name	Signature	Title	Date
		e-mail Address	

District I
1625 N. French Drive, 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 Department

Form C-107A
Revised June 10, 2003

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

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

APPLICATION FOR DOWNHOLE COMMINGLING

Range Operating New Mexico, Inc.
Operator

777 Main St., Ste. 800, Fort Worth, TX 76102
Address

Cole State
Lease

23
Well No.

E-16-22S-37E
Unit Letter-Section-Township-Range

Lea
County

OGRID No. 227588 Property Code 301544 API No. 30-025-37828 Lease Type: Federal ☐ State ☒ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Penrose-Skelly Grayburg		Eunice; San Andres Southwest
Pool Code	50350		24180
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3618 - 3816		3838 - 4000
Method of Production (Flowing or 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)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)	32.5		32.5
Producing, Shut-In or New Zone	Producing		Producing
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: 7-31-06 Rates: 4.2,101,43	Date: Rates:	Date: 7-31-06 Rates: 2.8,152,384
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 60% 40 %	Oil Gas % %	Oil Gas 40 % 60 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☒ No ☐
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: DHC 3698 - approval for same pools as 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 Paula Hale TITLE Sr. Reg. Sp. DATE 8-16-06

TYPE OR PRINT NAME Paula Hale TELEPHONE NO. (817) 810-1916

E-MAIL ADDRESS phale@rangeresources.com

August 16, 2006



RANGE RESOURCES

New Mexico State Land Office
P. O. Box 1148
Santa, FE, NM 87504-1148

COPY

Re: Cole State #23
API # 30-025-37828
Lea County, New Mexico

Gentlemen:

Range Operating New Mexico, Inc. has recently completed the subject well and plans to downhole commingle the Penrose-Skelly Grayburg (50350) and the Eunice; San Andres Southwest (24180) pools. The appropriate paperwork has been filed with the OCD including the following information:

- | | | | |
|-------|--|------------------------------------|-----------------------------------|
| (i) | Pool Name: | Penrose-Skelly Grayburg
(50350) | Eunice, San Andres, SW
(24180) |
| (ii) | | 3618 – 3816 | 3838 – 4000 |
| (iii) | Prod% Oil, Gas, Wtr | 4.2,101,43 | 2.8,152,384 |
| (iv) | The downhole commingling of oil, gas & water from the above fields will not
Reduce the value of the remaining production. | | |
| (v) | Ownership in both pools is identical. | | |
| (vi) | This is a State well. | | |

Should you have any questions or need further information please contact the undersigned.

Sincerely,

Paula Hale
Sr. Reg. Sp.

Cc: New Mexico State Land Office
2702-D N. Grimes
Santa, Fe, NM 88240

New Mexico Conservation Division
1625 N. French Dr.
Hobbs, New Mexico 88240