

DATE IN <b>4/21/06</b>	SUSPENSE	ENGINEER <b>Will Jones</b>	LOGGED IN <b>4/24/06</b>	TYPE <b>DHC</b>	APP NO. <b>PTDS0611431978</b>
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ABOVE THIS LINE FOR DIVISION USE ONLY

**3699**

## 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

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

Adobe State 5 L-17-22S-37E Lea  
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 227588 Property Code 35338 API No. 30-025-37612 Lease Type: \_\_\_\_ Federal ☒ State \_\_\_\_ Fee

DATA ELEMENT	UPPER ZONE UPPER	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)	3748 - 3752		3870 - 4024
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)			3 27
Oil Gravity or Gas BTU (Degree API or Gas BTU)	34.9		34.9
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: 3-29-06 Rates: 16.2, 29, 31	Date: Rates:	Date: 3-29-06 Rates: 1.8, 29, 28
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil 90 % Gas 50 %	Oil % Gas %	Oil 10 % Gas 50 %

**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: DHC 3687 – approval for same pools as this well.

**Attachments:**

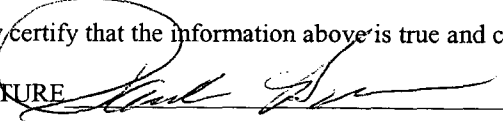
- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation 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  TITLE Sr. Reg. Sp. DATE 4-20-06

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

E-MAIL ADDRESS phale@rangeresources.com

DISTRICT I  
1625 N. FRENCH DR., ROBBES, NM 86240

DISTRICT II  
1301 W. GRAND AVENUE, ARTESIA, NM 86210

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

DISTRICT IV  
1225 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-37612	Pool Code 50350	Pool Name Penrose-Skelly Grayburg
Property Code 35358	Property Name ADOBE STATE	Well Number 5
GRID No. 227588	Operator Name RANGE OPERATING NEW MEXICO, INC	Elevation 3393'

Surface Location

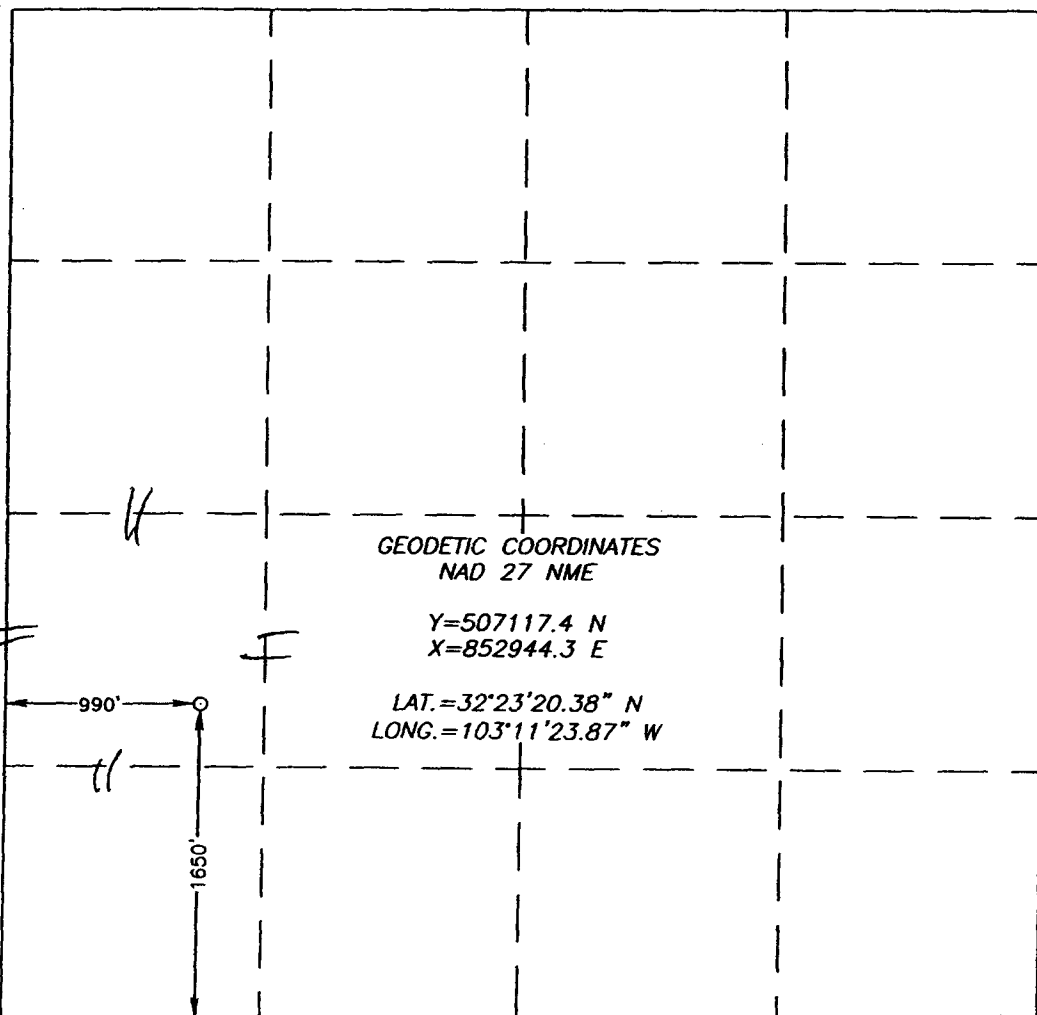
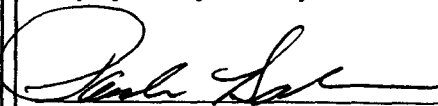
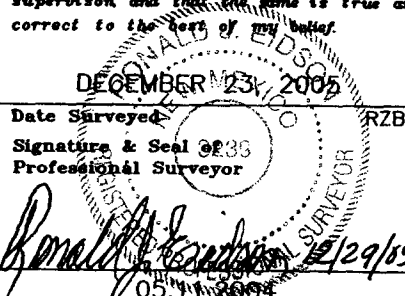
UL or lot No. L	Section 17	Township 22-S	Range 37-E	Lot Idn	Feet from the 1650	North/South line SOUTH	Feet from the 990	East/West line WEST	County LEA
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Bottom Hole Location If Different From Surface

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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Dedicated Acres 40	Joint or Infill	Consolidation Code	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

	<p>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=507117.4 N X=852944.3 E</p> <p>LAT.=32°23'20.38" N LONG.=103°11'23.87" W</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p> Signature Paula Hale Printed Name Sr. Reg. Sp. Title 4-20-06 Date</p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>DECEMBER 23, 2005 Date Surveyed Signature &amp; Seal of Professional Surveyor  Certificate No. GARY EIDSON 12641 RONALD J. EIDSON 3239</p>
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