

District I

1625 N. French Dr., 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 ResourcesOil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101

May 27, 2004

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address CHEVRON U.S.A. INC. 15 SMITH ROAD MIDLAND, TEXAS 79705		² OGRID Number 4323
		³ API Number 30 - 025-10318
⁴ Property Code 2597	⁵ Property Name R.E. COLE (NCT) A	⁶ Well No. 5
⁹ Proposed Pool 1 PENROSE SKELLY GRAYBURG		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no. I	Section 16	Township 22-S	Range 37-E	Lot Idn	Feet from the 2086'	North/South line SOUTH	Feet from the 554'	East/West line EAST	County LEA
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⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no. P	Section 16	Township 22-S	Range 37-E	Lot Idn	Feet from the 340'	North/South line SOUTH	Feet from the 340'	East/West line EAST	County LEA
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Additional Well Information

¹¹ Work Type Code D <i>Horizontal</i>	¹² Well Type Code OIL	¹³ Cable/Rotary	¹⁴ Lease Type Code 5	¹⁵ Ground Level Elevation 3428'
¹⁶ Multiple NO	¹⁷ Proposed Depth 3885'	¹⁸ Formation GRAYBURG	¹⁹ Contractor	²⁰ Spud Date 4-16-2006
Depth to Groundwater SEE ATTACHED C-144		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic ☐ _____ mils thick Clay ☐ Pit Volume: _____ bbls Drilling Method: _____ Closed-Loop System ☐ Fresh Water ☐ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
NO CHANGE					

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

KICK OFF POINT - 3624'
TOP OF WINDOW: 3624'
BOTTOM OF WINDOW: 3631'
TARGET INTERVAL: 3624-3885'
LATERAL LENGTH: 1746'

ATTACHMENTS: C-144 & PIT DESIGN
PLAT C-102
MAP OF SECTION 16

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

Horizontal



²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☒ , a general permit ☐ , or an (attached) alternative OCD-approved plan ☐ .		OIL CONSERVATION DIVISION	
Printed name: DENISE PINKERTON <i>Denise Pinkerton</i>		Approved by: <i>[Signature]</i>	
Title: REGULATORY SPECIALIST		Title: PETROLEUM ENGINEER	
E-mail Address: LEAKEJD@CHEVRON.COM		Approval Date: MAR 27 2006	
Date: 3-21-2006		Expiration Date:	
Phone: 432-687-7375		Conditions of Approval Attached ☐	

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State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-10318	² Pool Code 50350	³ Pool Name PENROSE SKELLY GRAYBURG
⁴ Property Code 2597	⁵ Property Name R.E. COLE NCT-A	⁶ Well Number 5
⁷ OGRID No. 4323	⁸ Operator Name CHEVRON U.S.A. INC.	⁹ Elevation

¹⁰ Surface Location

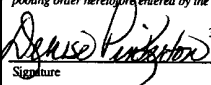
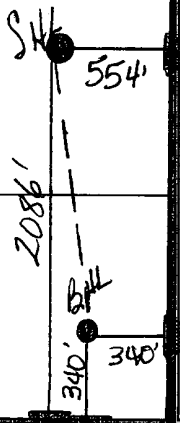
UL or lot no. I	Section 16	Township 22-S	Range 37-E	Lot Idn	Feet from the 2086'	North/South line SOUTH	Feet from the 554'	East/West line EAST	County LEA
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. P	Section 16	Township 22-S	Range 37-E	Lot Idn	Feet from the 340'	North/South line SOUTH	Feet from the 340'	East/West line EAST	County LEA
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¹² Dedicated Acres 80	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

16					¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  3-21-2006 Signature Date DENISE PINKERTON Printed Name
					¹⁸ SURVEYOR CERTIFICATION 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. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

16

Chevron
Cole A 5 H
30025103180000
22S-37E-16
SL 2086'FSL 554'FEL
BHL 340'FSL 340'FEL
KOP 3624'
Top window 3624'
Bottom window 3631'
Target 3624-3885'
Lateral length 1746'

22S37E

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Energy Minerals and Natural Resources

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Form C-144
June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒

Type of action: Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐

Operator CHEVRON U.S.A. INC. Telephone 432-687-7375 e-mail address: LEAKEJD@CHEVRON.COM
Address: 15 SMITH ROAD, MIDLAND, TEXAS 79705
Facility or well name R.E. COLE A #5 HORIZONTAL API #: 30-025-10318 U/L or Qtr/Qtr I SEC 16 T 22-S R 37-E
County LEA Latitude _____ Longitude _____ NAD: 1927 ☐ 1983 ☐
Surface Owner: PRIVATE

Pit

Type: Drilling - HORIZONTAL
Lined
Liner type: Synthetic ☐ Thickness 20 MIL
Pit Volume 1965 bbl

Below-grade tank

Volume: _____ bbl Type of fluid: _____
Construction material: _____
Double-walled, with leak detection? Yes ☐ If not, explain why not. _____

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	50 feet or more, but less than 100 feet	(10 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	No	(0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	1000 feet or more	(0 points)
	Ranking Score (Total Points)	10 points

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☐ offsite ☐ If offsite, name of facility _____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 3-21-2006

Printed Name/Title

DENISE PINKERTON / Regulatory Specialist

Signature:

Denise Pinkerton

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Printed Name/Title

PETROLEUM ENGINEER

Signature

[Signature]

Date: MAR 27 2006

Key #117 Pit Design

