

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Box Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV
P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-101

Revised February 10, 199

Instructions on bac

Submit to Appropriate District Office

State Lease - 6 Copie

Fee Lease - 5 Copie

☐ AMENDED REPORT

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

¹ Operator Name and Address CHEVRON USA INC 15 SMITH ROAD, MIDLAND, TX 79705		² OGRID Number 4323
		³ API Number 30-025-26051
⁴ Property Code 2678	⁵ Property Name MARK	⁶ Well No. 11

⁷ Surface Location									
Ul or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
A	3	22-S	37-E		430'	NORTH	960'	EAST	LEA

⁸ Proposed 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
⁹ Proposed Pool 1 PENROSE SKELLY GRAYBURG					¹⁰ Proposed Pool 2				

¹¹ Work Type Code P	¹² WellType Code O	¹³ Rotary or C.T. ROTARY	¹⁴ Lease Type Code S P	¹⁵ Ground Level Elevation 3393'
¹⁶ Multiple No	¹⁷ Proposed Depth 7618'	¹⁸ Formation GRAYBURG	¹⁹ Contractor	²⁰ Spud Date 2/15/2005

²¹ Proposed Casing and Cement Program					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
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.

CHEVRON U.S.A. INC. INTENDS TO RECOMPLETE THE SUBJECT WELL FROM THE BLINEBRY AND WANTO ABO POOLS TO THE GRAYBURG RESERVOIR. ***A PIT WILL NOT BE USED FOR THIS RECOMPLETION. A STEEL FRAC TANK WILL BE UTILIZED.*** THE CURRENT AND PROPOSED WELLBORE DIAGRAMS ARE ATTACHED FOR YOUR APPROVAL AND THE INTENDED PROCEDURE IS AS FOLLOWS:

1) MIRU. 2) TIH W/PKR & RBP. SET PKR @ 5300. REL PKR & TIH. SET RBP @ 5310. PU & SET PKR. REL PKR & SPOT 20' SAND ON TOP OF RBP. 3) RUN GR/CPNL/CCL LOG FR 5000-2000. RUN CCL/CBL FR 5000-100' ABOVE CMT TOP. 4) PERF PICKED INTERVALS. 5) TIH W/PKR. 6) ACIDIZE PERFS W/15% NEFE HCL. 7) REL PKR & PU ABOVE TOP PERF. RU SWAB. 8) TIH W/FRAC PKR. SET PKR @ 3550. INSTL FRAC HEAD. 9) FRAC W/67,000 GALS YF130, 145,000 LBS 16/30 MESH JORDAN SAND & 30,000 LBS RESIN COATED. 10) RU SWAB. REL PKR. TIH W/BIT TO 3900. 11) TIH W/2 7/8" PROD TBG. TIH W/RODS & PUMP. 12) RIG DOWN. TURN WELL OVER TO PRODUCTION.

²³ I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Denise Leake</i>		Approved By: <i>Paul J. [Signature]</i>	
Printed Name: Denise Leake		Title: PETROLEUM ENGINEER	
Title: Regulatory Specialist		Approval Date: Expiration Date:	
Date: 2/4/2005		Conditions of Approval: Attached FEB 08 2005	

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Fee Lease - 3 Copies

☐ AMENDED REPORT

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-26051	² Pool Code 50350	³ Pool Name PENROSE SKELLY GRAYBURG
⁴ Property Code 2678	⁵ Property Name MARK	⁶ Well No. 11
⁷ OGRID Number 4323	⁸ Operator Name CHEVRON USA INC	⁹ Elevation 3393'

¹⁰ Surface Location

UI or lot no	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
A	3	22-S	37-E		430'	NORTH	960'	EAST	LEA

¹¹ Bottom Hole Location If Different From Surface

UI or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County

¹² Dedicated Acre 40	¹³ Joint or Infill No	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

Signature

Printed Name

Denise Leake

Position

Regulatory Specialist

Date

2/4/2005

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 knowledge and belief.

Date Surveyed

Signature & Seal of
Professional Surveyor

Certificate No.

Well: **Mark # 11**

Field: **Blinebry &
Wantz Abo**

Reservoir: **Blinebry &
Abo**

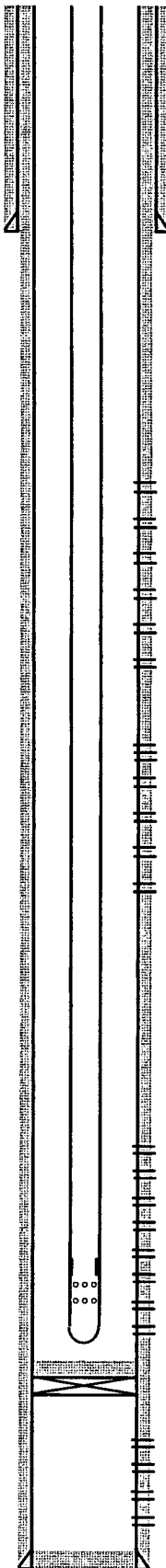
Location:

430' FNL & 960' FEL
Section: 3
Township: 22S
Range: 37E
County: Lea State: NM

Elevations:

GL: 3393'
KB: 3404'
DF: 3403'

**Current
Wellbore Diagram**



Well ID Info:

Chevron: EQ3250
API No: 30-025-26051
L5/L6: U462800 & U522300
Spud Date: 8/16/78
Compl. Date: 9/23/78

Surf. Csg: 8 5/8", 24#, K-55
Set: @ 1143' w/ 550 sks
Hole Size: 12 1/4"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Perfs:	Status:
5342-44'	Blinebry - Open
5348-50'	Blinebry - Open
5362-64'	Blinebry - Open
5368-70'	Blinebry - Open
5376-78'	Blinebry - Open
5396-98'	Blinebry - Open
5404-06'	Blinebry - Open
5418-20'	Blinebry - Open
5434-42'	Blinebry - Open
5450-56'	Blinebry - Open
5463-65'	Blinebry - Open
5470-72'	Blinebry - Open
5480-82'	Blinebry - Open
5493-95'	Blinebry - Open
5540-44'	Blinebry - Open
5568-70'	Blinebry - Open
5579-81'	Blinebry - Open
5596-98'	Blinebry - Open
5624-28'	Blinebry - Open
5658-62'	Blinebry - Open
5667-69'	Blinebry - Open
5683-85'	Blinebry - Open
5704-08'	Blinebry - Open
5732-34'	Blinebry - Open
5748-54'	Blinebry - Open
5799-5801'	Blinebry - Open
5812-14'	Blinebry - Open
5818-20'	Blinebry - Open
5840-42'	Blinebry - Open
5862-65'	Blinebry - Open
5880-83'	Blinebry - Open
5894-96'	Blinebry - Open
5910-14'	Blinebry - Open
5924-26'	Blinebry - Open

6630-32'	Abo - Open
6666-68'	Abo - Open
6678-80'	Abo - Open
6690-92'	Abo - Open
6720-22'	Abo - Open
6744-46'	Abo - Open
6758-60'	Abo - Open
6792-94'	Abo - Open
6804-06'	Abo - Open
6834-36'	Abo - Open
6848-50'	Abo - Open
6892-94'	Abo - Open
6928-30'	Abo - Open
6953-55'	Abo - Open
6976-78'	Abo - Open
6987-89'	Abo - Open
6998-7000'	Abo - Open
7052-54'	Abo - Open
7066-68'	Abo - Open
7090-92'	Abo - Open
7102-04'	Abo - Open
7125-27'	Abo - Open
7154-56'	Abo - Open
7194-96'	Abo - Open
7208-10'	Abo - Open
7221-23'	Abo - Open

7279-81'	Granite Wash - Below CIBP
7301-03'	Granite Wash - Below CIBP
7319-21'	Granite Wash - Below CIBP
7339-41'	Granite Wash - Below CIBP
7358-60'	Granite Wash - Below CIBP
7378-80'	Granite Wash - Below CIBP

Prod. Csg: 5 1/2", 15.5#, K-55
Set: @ 7618' w/ 1875 sks
Hole Size: 7 7/8"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Tbg Detail:

BP @ 7230'
1 jt. 2 3/8" tbg
2 3/8" x 4' perf sub
SN @ 7195'
232 jts. 2 3/8" EUE 8R J-55 tbg

CIBP @ 7275'
(35' cement on top)

COTD: 7240'
PBTD: 7240'
TD: 7618'

Updated: 12/7/99

By: A. M. Howell

Well: **Mark # 11**

Field: **Penrose Skelly**

Reservoir: **Grayburg**

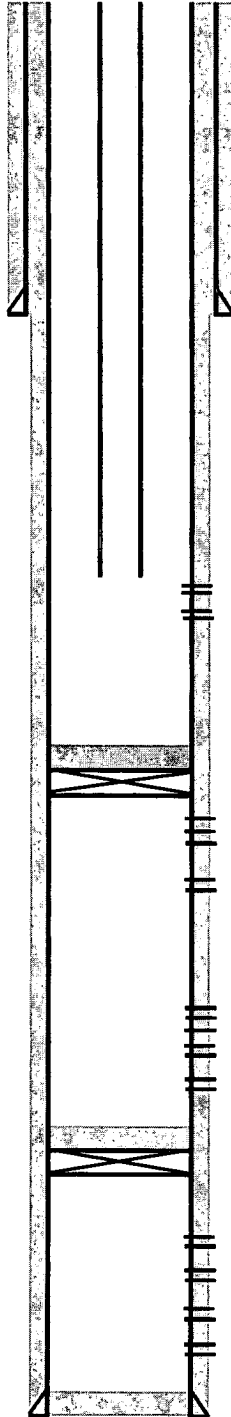
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Hole Size: 12 1/4"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Tbg Detail:

Grayburg Perfs Status
3650'-3860' Open

RBP @ 5310'
(20' cmt on top)

Blinbry Perfs Status
5342-5926 Open

CIBP @ 7275'
(35' cement on top)

Abo Perfs Status
6630'-7223' Open

COTD: 7240'
PBTD: 7240'
TD: 7618'

7279-81' Granite Wash - Below CIBP
7301-03' Granite Wash - Below CIBP
7319-21' Granite Wash - Below CIBP
7339-41' Granite Wash - Below CIBP
7358-60' Granite Wash - Below CIBP
7378-80' Granite Wash - Below CIBP

Updated: 1/31/2005

By: Keith Lopez

Prod. Csg: 5 1/2", 15.5#, K-55
Set: @ 7618' w/ 1875 sks
Hole Size: 7 7/8"
Circ: Yes **TOC:** Surface
TOC By: Circulated