

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, 1999
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies
☐ 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 30-025-07022
⁴ Property Code 2701	⁵ Property Name MARK OWEN	⁶ Well No. 3

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
I	34	21S	37E		1980'	SOUTH	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 Well Type Code O	¹³ Rotary or C.T. ROTARY	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation
¹⁶ Multiple No	¹⁷ Proposed Depth 6550'	¹⁸ Formation GRAYBURG	¹⁹ Contractor	²⁰ Spud Date 1/15/2005

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/DRINKARD POOLS TO THE GRAYBURG RESERVOIR. CURRENT & PROPOSED WELLBORE DIAGRAMS ARE ATTACHED. THE INTENDED PROCEDURE IS AS FOLLOWS:

- 1) MIRU. TIH W/BIT ON WS TO 5470.
- 2) TIH W/PKR & RBP. SET RBP @ 5460. PU 1 JT & SET PKR. REL PKR & SPOT 20' SAND ON RBP.
- 3) RUN GR/CNL/CCL LOG FR 5400-2500. RUN CBL/CCL LOG FR 5400 TO 100' ABOVE CMT TOP.
- 4) PERF PICKED INTERVALS & TIH W/PPI PKR.
- 5) MIRU. ACIDIZE PERFS W/3000 GALS 15% NEFE HCL. REL PKR & PU ABOVE TOP PERF. RU SWAB.
- 6) TIH W/FRAC PKR. SET PKR @ 3600. FRAC DN TBG @ 40 BPM W/66,000 GALS YF130, 1168,000 LBS SAND. REL PKR. TIH W/BIT TO 3900.
- 7) TIH W/2 7/8" PROD TBG. TIH W/PMP & RODS. RIG DOWN. TURN WELL OVER TO PRODUCTION.
- 8) **** NO PIT WILL BE USED. WILL UTILIZE A STEEL FRAC TANK.****

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>[Signature]</i>
Printed Name: Denise Leake	Title: PETROLEUM ENGINEER
Title: Regulatory Specialist	Approval Date: JAN 06 2005
Date: 1/4/2005	Expiration Date:
Telephone: 915-687-7375	Conditions of Approval: <input type="checkbox"/> Attached

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Plugback

Well: **Mark Owen #3**

Reservoir: **Blinebry/Drinkard**

Location:

1980'-FSL & 960' FEL
Section: 34
Township: 21S
Range: 37E
County: LEA, NM.

Elevations:

GL:
DF:
KB:

**Current
Wellbore Diagram**

Well ID Info:

Refno: FA8119
API No: 3002507022
L5/L6: UCU463300
Spud Date:
Compl. Date:

Surf. Csg:

Size 13 3/8
Weight 48#
Set @ 395'
With: 300 sxs

Hole Size:

Circ: Yes
TOC @ Surface

Int. Csg:

Size 9 5/8
Weight 35#
Set @ 2850'
With: 1300 sxs

Hole Size:

Circ: No
TOC @ 1530' by TS

Prod. Csg:

Size 7"
Weight 23#
Set @ 6434'
With: 700 sxs

Hole Size:

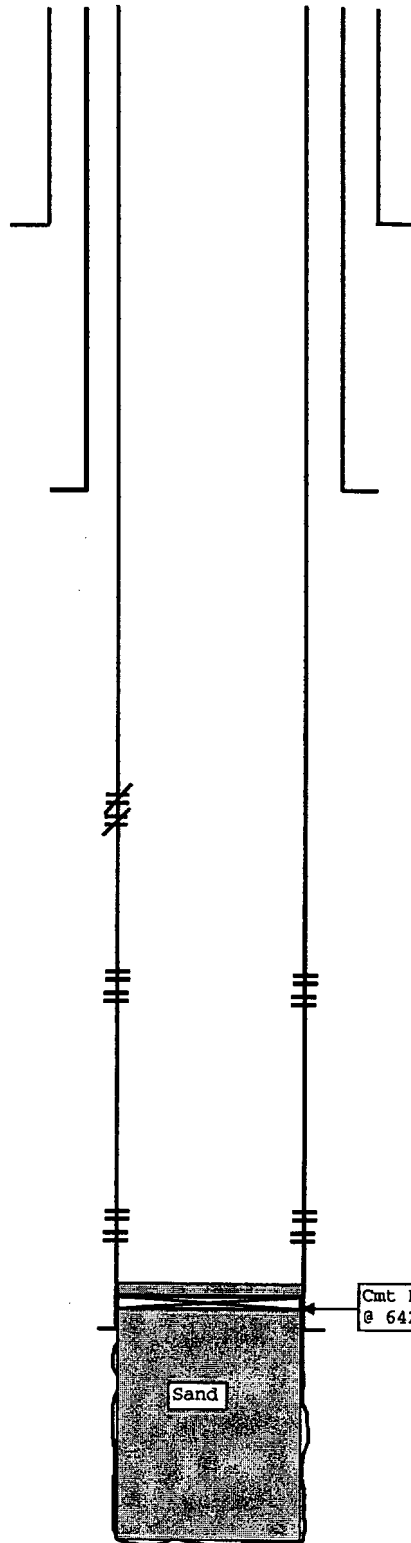
Circ: No
TOC @ 2830' by TS

Grayburg
Perfs: Status
3600'-3683' Sqz 'd

Blinebry
Perfs: Status
5480'-5803' Open

Drinkard
Perfs: Status
6315'-6404' Open

PBTD: 6425'
TD: 6550'



Updated: 13-Dec-04
By: Keith Lopez

Well: **Mark Owen #3**

Reservoir: **Grayburg**

Location:
1980'-FSL & 960' FEL
Section: 34
Township: 21S
Range: 37E
County: LEA, NM.

Elevations:
GL:
DF:
KB:

**Proposed
Wellbore Diagram**

Well ID Info:
Refno: FA8119
API No: 3002507022
L5/L6: UCU490400
Spud Date:
Compl. Date:

Surf. Csg:
Size 13 3/8
Weight 48#
Set: @ 395'
With: 300 sxs
Hole Size:
Circ: Yes
TOC @ Surface

Int. Csg:
Size 9 5/8
Weight 35#
Set: @ 2850'
With: 1300 sxs
Hole Size:
Circ: No
TOC @ 1530' by TS

Prod. Csg:
Size 7"
Weight 23#
Set @ 6434'
With: 700 sxs
Hole Size:
Circ: No
TOC @ 2830' by TS

Grayburg
Perfs: **Status**
3600'-3683' Sqz 'd

Grayburg
Perfs: **Status**
3650'-3800' Open

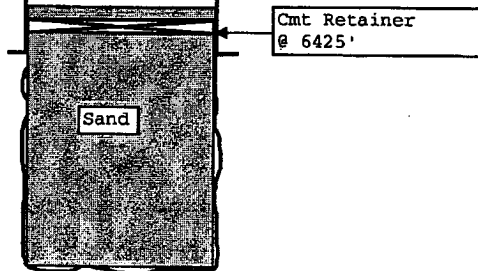
Blinbry
Perfs: **Status**
5480'-5803' Open

RBP @ 5460' w/ 20' sand

Drinkard
Perfs: **Status**
6315'-6404' Open

PBTD: 6425'
TD: 6550'

Cmt Retainer
@ 6425'



Updated: 13-Dec-04
By: Keith Lopez

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Form C-102

Revised February 10, 199

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Fee Lease - 3 Copy

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-07022	² Pool Code 50350	³ Pool Name PENROSE SKELLY GRAYBURG
⁴ Property Code 2701	⁵ Property Name MARK OWEN	⁶ Well No. 3
⁷ OGRID Number 4323	⁸ Operator Name CHEVRON USA INC	⁹ Elevation

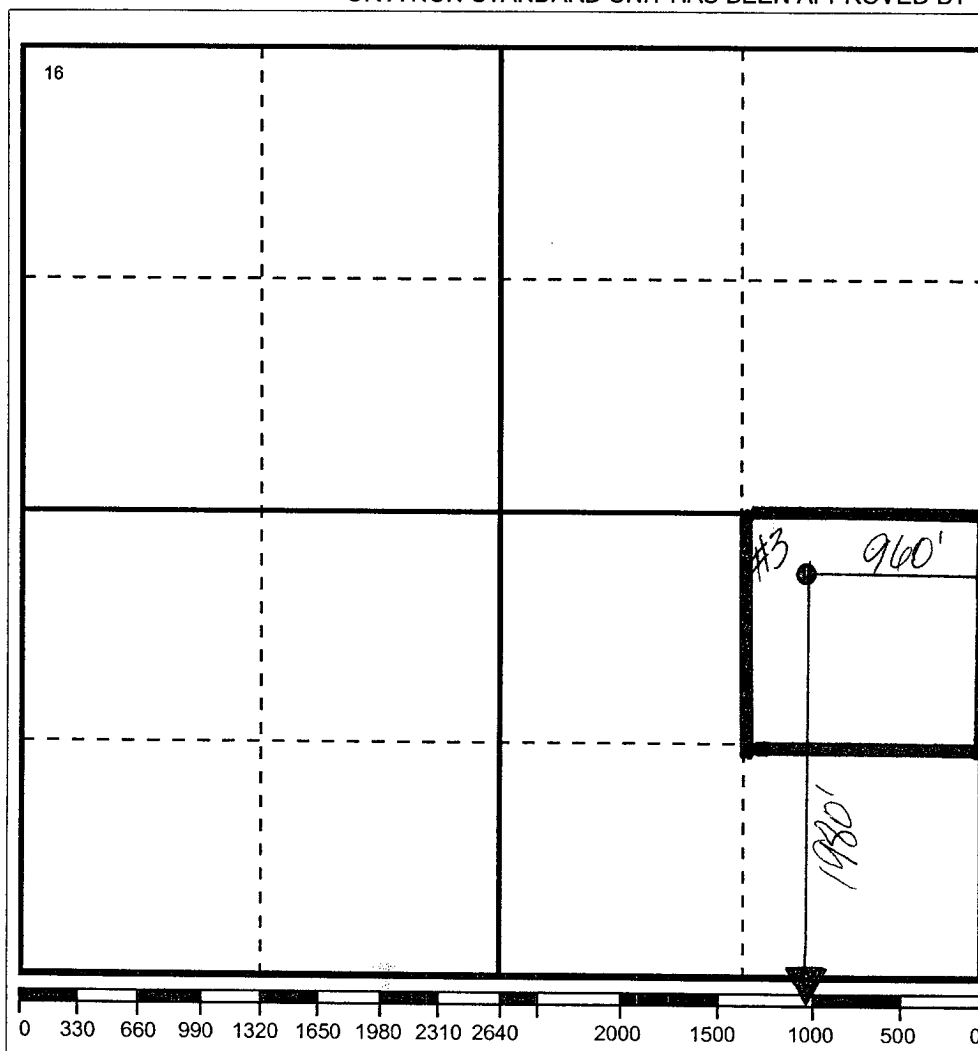
¹⁰ Surface Location

Ul or lot no I	Section 34	Township 21S	Range 37E	Lot.Idn	Feet From The 1980'	North/South Line SOUTH	Feet From The 960'	East/West Line EAST	County LEA
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¹¹ 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
¹² Dedicated Acre 40	¹³ Joint or Infill No	¹⁴ Consolidation Code	¹⁵ Order No.						

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



17 OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief
Signature <i>Denise Leake</i>
Printed Name Denise Leake
Positio Regulatory Specialist
Date 1/4/2005
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.