

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

Form C-101
Revised February 10, 1999
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copie
Fee Lease - 5 Copie

OIL CONSERVATION DIVISION

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

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 30-025-07001
⁴ Property Code 2701	⁵ Property Name MARK OWEN	⁶ Well No. 1

⁷ Surface Location

UI or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
J	34	21-S	37-E		1980'	SOUTH	1980'	EAST	LEA

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

¹¹ Work Type Code D	¹² WellType Code O	¹³ Rotary or C.T. ROTARY	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3426' DF
¹⁶ Multiple No	¹⁷ Proposed Depth 3892'	¹⁸ Formation GRAYBURG	¹⁹ Contractor	²⁰ Spud Date 8/30/2004

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.

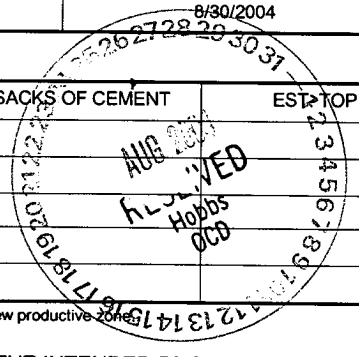
CHEVRON U.S.A. INC.. INTENDS TO DEEPEN THE SUBJECT WELL 157' TO A TOTAL DEPTH OF 3892. THE INTENDED PROCEDURE IS AS FOLLOWS:

- MIRU. TOH W/RODS & PMP.
- TIH W/BIT TO 3550.
- TIH W/PKR & SET @ 3500.
- MIRU FOAM UNIT. TIH W/BIT, DC'S & AIR UNIT VALVES TO 3735 (PBSD) DRILL DN TO 3892 USING FOAM & CIRC HOLE CLN FR 3892.
- TIH W/PKR & SET @ 3568.
- ACIDIZE OPEN HOLE FR 3600-3892 W/4000 GALS 15% NEFE HCL.
- RU SWAB. REL PKR.
- TIH W/PKR & SET @ 3537. INSTL FRAC HEAD. FRAC WELL DN 3 1/2" TBG W/66,000 GALS YF135 & SAND. REL PKR. TIH W/PROD TBG. RIG DOWN.

TURN WELL OVER TO PRODUCTION

- No Pit will be used - 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>Paul J. Hunt</i>	
Printed Name Denise Leake		Title: PETROLEUM ENGINEER	
Title Regulatory Specialist		Approval Date: AUG 27 2004	Expiration Date:
Date 8/23/2004	Telephone 915-687-7375	Conditions of Approval: Attached <input type="checkbox"/>	



CURRENT WELL DATA SHEET

Field: Penrose-Skelly **Well Name:** Mark Owen #1 **Lease Type:** _____
Location: 1980' FSL & 1980' FEL **Sec:** 34 **Township:** 21S **Range:** 37E
County: Lea **St:** New Mexico **Refno:** _____ **API:** 30-025-07001 **Cost Center:** UCU490400
Current Status: PR **Anchor Test Date:** _____
Current Producing Formation(s): Grayburg
Initial Producing Formation(s): Grayburg

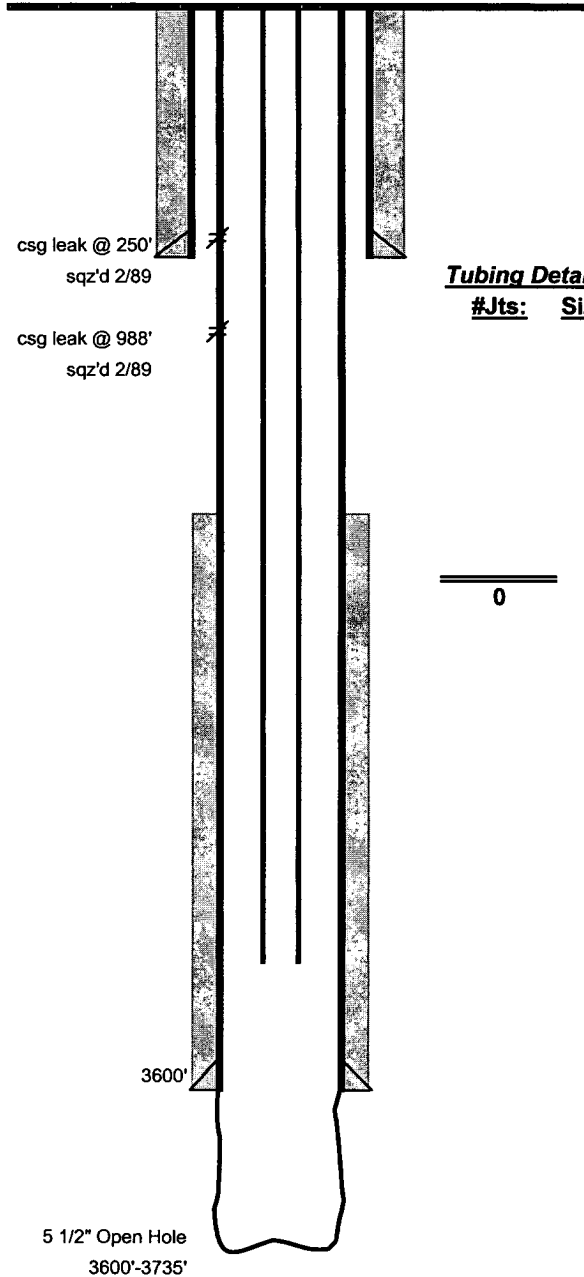
Surface Csg.

Size: 10 3/4"
Wt.: _____
Set @: 260'
Sxs cmt: 225
Circ: _____
TOC: _____
Hole Size: _____

KB: _____
DF: 3426'
GL: _____
Spud Date: 10/1/1939
Compl. Date: _____

Production Csg.

Size: 6"
Wt.: 16#
Set @: 3600'
Sxs Cmt: 350
Circ: No
TOC: 2330'
Hole Size: 7 7/8"



Tubing Detail

#Jts: **Size:**

Footage

 0 **EOT >>>>** **0.00**

COTD: 3735'
PBTD: 3735'
TD: 3735'

Remarks: Oct 1939 - Spud Acidized Open Hole w/ 1,000 gals
July 1955 - Frac open hole w/ 8,000 gal & 8,000#
Feb 1989 - Frac open hole w/ 20,000 gals & 35,500# 20/40 Ottawa Sand

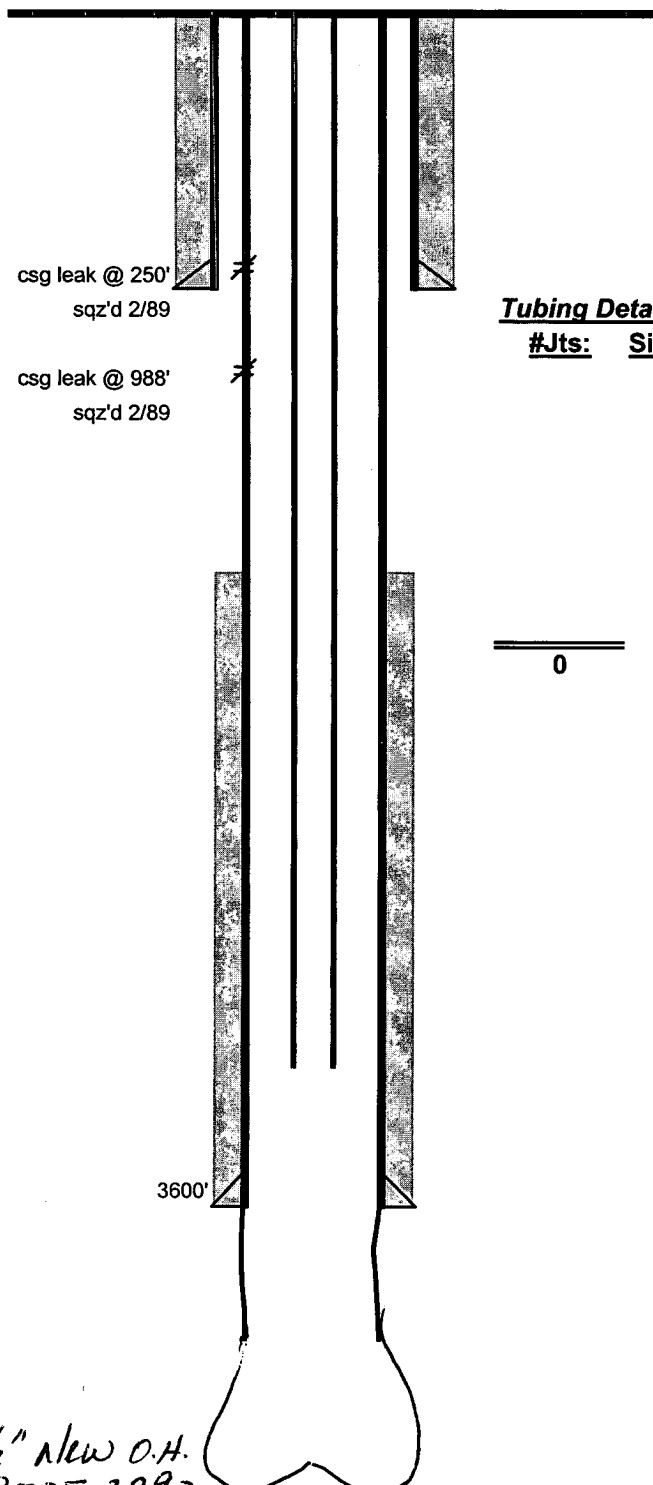
Prepared by: LOPK
Date: 8/18/2004
Updated by: _____

PROPOSED WELL DATA SHEET

Field: Penrose-Skelly **Well Name:** Mark Owen #1 **Lease Type:** _____
Location: 1980' FSL & 1980' FEL **Sec:** 34 **Township:** 21S **Range:** _____
County: Lea **St:** New Mexico **Refno:** _____ **API:** 30-025-07001 **Cost Center:** _____
Current Status: PR **Anchor Test Date:** _____
Current Producing Formation(s): Grayburg
Initial Producing Formation(s): Grayburg

Surface Csg.
Size: 10 3/4"
Wt.: _____
Set @: 260'
Sxs cmt: 225
Circ: _____
TOC: _____
Hole Size: _____

Production Csg.
Size: 6"
Wt.: 16#
Set @: 3600'
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KB: _____
DF: _____
GL: _____
Spud Date: _____
Compl. Date: _____

Tubing Detail
#Jts: _____ **Size:** _____

0 EOT >>>>

COTD: _____
PBTD: _____
TD: _____

5 1/2" New O.H.
 3735-3892

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 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-07001		² Pool Code 50350		³ Pool Name PENROSE SKELLY GRAYBURG	
⁴ Property Code 2701		⁵ Property Name MARK OWEN			⁶ Well No. 1
⁷ OGRID Number 4323		⁸ Operator Name CHEVRON USA INC			⁹ Elevation 3426' DF

¹⁰ Surface Location

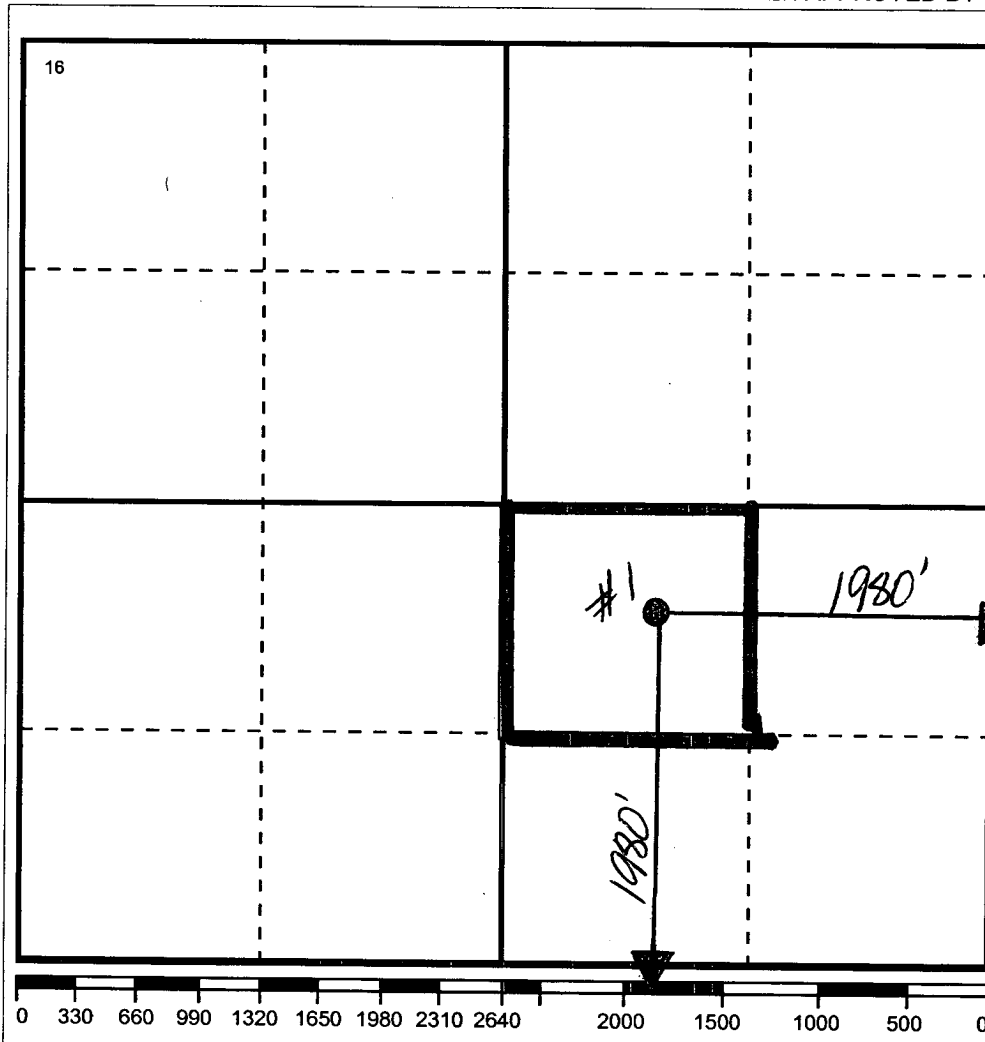
Ul or lot no	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
J	34	21-S	37-E		1980'	SOUTH	1980'	EAST	LEA

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.
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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



¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Signature: *Denise Leake*

Printed Name: Denise Leake

Positio: Regulatory Specialist

Date: 8/23/2004

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. _____