

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
⁴ Property Code 2690	⁵ Property Name W.T. MCCOMACK	³ API Number 30-025-06933
		⁶ Well No. 4

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
O	32	21-S	37-E		660'	SOUTH	1980'	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 D	¹² WellType Code O	¹³ Rotary or C.T. ROTARY	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3461' GL
¹⁶ Multiple No	¹⁷ Proposed Depth 3940'	¹⁸ Formation GRAYBURG	¹⁹ Contractor	²⁰ Spud Date 3/10/2004

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 DRILL THE SUBJECT WELL DEEPER IN THE GRAYBURG FORMATION & FRAC STIMULATE. THE INTENDED PROCEDURE IS AS FOLLOWS:

- 1) MIRU. 2) TIH TO 3610'. C/O OPEN HOLE TO ORIGINAL TD @ 3770. DRILL WELL DEEPER TO TD OF 3785. 3) TIH TO 3785. DRILL DEEPER TO 3940.
- 4) TIH W/PKR & SET @ 3550. 5) ACIDIZE GRAYBURG INTERVAL FR 3610-3940 W/4500 GALS ANTI SLUDGE 15% HCL ACID. 6) SWAB BACK. 7) REL PKR. 8) TIH TO 3940. 9) SET PKR @ 3550. INSTL FRAC HEAD. 10) FRAC W/66,000 GALS YF135 & SAND. 11) REL PKR. 12) TIH TO 3940.
- 13) TIH W/MA, TBG, PERF SUB, SN, & TAC. SET TAC @ 3550. EOT @ 3865. SN @ 3830. 14) REM BOP. TIH W/RDS & PMP. 15) 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.

Signature *Denise Leake*
Printed Name Denise Leake

Title Regulatory Specialist

Date 3/2/2004

Telephone 915-687-7375

OIL CONSERVATION DIVISION

Approved By: *Paul H. Hays*

Title:

Approval Date: MAR 08 2004

PETROLEUM ENGINEER

Conditions of Approval:
Attached ☐

Well: **W. T. McComack # 4**

Field: **Penrose Skelly**

Reservoir: **Grayburg**

Location:

660' FSL & 1980' FEL
Section: 32
Township: 21S
Range: 37E
County: Lea State: NM

Elevations:

GL: 3461'
KB: 3472'
DF: 3471'

**Current
Wellbore Diagram**

Well ID Info:

Refno: FA8030
API No: 30-025-06933
L5/L6: U491900
Spud Date: 3/18/38
Compl. Date: 4/27/38

Surf. Csg: 13", 40#, LW

Set: @ 252' w/ 300 sks

Hole Size: 15"

Circ: Unknown **TOC:** Surface

TOC By: Calculated

Tbg Detail:

EOT @ 3734'

2 3/8" OD EUE 8R J-55 mud jt.

2 3/8" x 4' perf tbg sub

SN @ 3719'

118 jts. 2 3/8" EUE 8R J-55 tbg

Prod. Csg: 6", 16#, SS

Set: @ 3610' w/ 310 sks

Hole Size: 7 7/8"

Circ: No **TOC:** 1381'

TOC By: Calculated

COTD: 3770'

PBTD: 3770'

TD: 3770'

5 3/8" Open-Hole

Production Interval

3610-3770' (Grayburg)

Updated: 2/26/04

By: A. M. Howell

Well: **W. T. McComack # 4**

Field: **Penrose Skelly**

Reservoir: **Grayburg**

Location:

660' FSL & 1980' FEL
Section: 32
Township: 21S
Range: 37E
County: Lea State: NM

Elevations:

GL: 3461'
KB: 3472'
DF: 3471'

Proposed
Wellbore Diagram

Well ID Info:

Refno: FA8030
API No: 30-025-06933
L5/L6: U491900
Spud Date: 3/18/38
Compl. Date: 4/27/38

Surf. Csg: 13", 40#, LW
Set: @ 252' w/ 300 sks
Hole Size: 15"
Circ: Unknown **TOC:** Surface
TOC By: Calculated

Tbg Detail:

EOT @ 3865'
2 7/8" OD EUE 8R J-55 mud jt.
2 7/8" x 4' perf tbg sub
SN @ 3830'
9 jts. 2 7/8" EUE 8R J-55 tbg
TAC @ 3550'
115 jts. 2 7/8" EUE 8R J-55 tbg

Prod. Csg: 6", 16#, SS
Set: @ 3610' w/ 310 sks
Hole Size: 7 7/8"
Circ: No **TOC:** 1381'
TOC By: Calculated

5 3/8" Open-Hole
Production Interval
3610-3770' (Grayburg)

4 3/4" Open-Hole
Production Interval
3770-3940' (Grayburg)

COTD: 3940'
PBTD: 3940'
TD: 3940'

Updated: 2/26/04

By: A. M. Howell