

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 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
⁴ Property Code 2690	⁵ Property Name W. T. MCCOMACK	³ API Number 30-025-06931
		⁶ Well No. 2

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
G	32	21-S	37-E		330'	NORTH	2310'	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 (Deepen)	¹² WellType Code O	¹³ Rotary or C.T. ROTARY	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3458' GL
¹⁶ Multiple No	¹⁷ Proposed Depth 3910'	¹⁸ Formation GRAYBURG	¹⁹ Contractor	²⁰ Spud Date 3/5/2004

²¹ Proposed Casing and Cement Program

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
NO CHANGE					
Permit Expires 1 Year From Approval Date Unless Drilling Underway Deepen					

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, AND FRAC STIMULATE. THE INTENDED PROCEDURE IS AS FOLLOWS:

- 1) MIRU. 2) TIH TO PBTD @ 3510. DRILL OUT CIBP @ 3510. C/O OH TO ORIGINAL TD @ 3780. DRILL WELL DEEPER TO NEW TD OF 3910.
- 3) DRILL DEEPER TO 3910. 4) SET PKR @ 3500. 5) ACIDIZE GRAYBURG 3589-3910 W/4500 GALS ANTI SLUDGE 15% HCL @ 2.0 LBS/GAL.
- 6) FLOW/SWAB BACK. 7) REL PKR & LD. 8) TIH W/PKR & SET @ 3500. INSTL FRAC HEAD. 9) FRAC W/66,000 GALS YF135 & SAND.
- 10) REL PKR. 11) TIH TO TD @ 3910. 12) TIH W/MA, TBG, PERF SUB, SN, & TAC. SET TAC @ 3550. EOT @ 3865. SN @ 3830.
- 13) REM BOP & INSTL WH. TIH W/RDS & PMP. 14) TURN WELL OVER TO PRODUCTION.

CURRENT & PROPOSED WELLBORE DIAGRAM IS ATTACHED FOR YOUR APPROVAL.

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 2/26/2004

Telephone 915-687-7375

OIL CONSERVATION DIVISION

Approved By: *Paul H. Hays*

Title:

PETROLEUM ENGINEER

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

MAR 02 2004

Well: **W. T. McComack # 2**

Field: **Penrose Skelly**

Reservoir: **Grayburg**

Location:

330' FNL & 2310' FEL
Section: 32
Township: 21S
Range: 37E
County: Lea State: NM

Elevations:

GL: 3458'
KB: 3464'
DF: 3463'

**Current
Wellbore Diagram**

Well ID Info:

Refno: FA8029
API No: 30-025-06931
L5/L6: U491900
Spud Date: 6/11/37
Compl. Date: 7/9/37

Sqzd Csg Leak fr/ 479-511'
(Cmt circ to surface, 3/89)

Surf. Csg: 7 5/8", 26.4#, SCLW
Set: @ 1235' w/ 600 sks
Hole Size: 9 7/8"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Tbg Detail:
None

CIBP @ 3510'
(No cmt on top)

Prod. Csg: 5 1/2", 17#, SS & SCLW
Set: @ 3589' w/ 300 sks
Hole Size: 6 3/4"
Circ: No **TOC:** 1967'
TOC By:

COTD: 3780'
PBTD: 3780'
TD: 3780'

**4 3/4" Open-Hole
Production Interval**
3589-3780' (Grayburg)

Updated: 2/25/04

By: A. M. Howell

Well: **W. T. McComack # 2**

Field: **Penrose Skelly**

Reservoir: **Grayburg**

Location:

330' FNL & 2310' FEL
Section: 32
Township: 21S
Range: 37E
County: Lea State: NM

Elevations:

GL: 3458'
KB: 3464'
DF: 3463'

**Proposed
Wellbore Diagram**

Well ID Info:

Refno: FA8029
API No: 30-025-06931
L5/L6: U491900
Spud Date: 6/11/37
Compl. Date: 7/9/37

Sqzd Csg Leak fr/ 479-511'
(Cmt circ to surface, 3/89)

Surf. Csg: 7 5/8", 26.4#, SCLW
Set: @ 1235' w/ 600 sks
Hole Size: 9 7/8"
Circ: Yes **TOC:** Surface
TOC By: Circulated

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: 5 1/2", 17#, SS & SCLW
Set: @ 3589' w/ 300 sks
Hole Size: 6 3/4"
Circ: No **TOC:** 1967'
TOC By:

COTD: 3910'
PBTD: 3910'
TD: 3910'

**4 3/4" Open-Hole
Production Interval**
3589-3910' (Grayburg)

Updated: 2/25/04

By: A. M. Howell