

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 RD, MIDLAND, TX 79705		² OGRID Number 4323
		³ API Number 30-025-06912
⁴ Property Code 30020	⁵ Property Name HENDERSON, V. M.	⁶ Well No. 6

⁷ Surface Location									
Ul or lot no. C	Section 30	Township 21S	Range 37E	Lot.Idn	Feet From The 760	North/South Line NORTH	Feet From The 1980	East/West Line WEST	County 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.	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3496' GL
¹⁶ Multiple No	¹⁷ Proposed Depth 6700'	¹⁸ Formation GRAYBURG	¹⁹ Contractor	²⁰ Spud Date 2/21/2005

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 RECOMLETE THE SUBJECT WELL FROM THE PADDOCK & BLINEBRY TO THE GRAYBURG RESERVOIR. A PIT WILL NOT BE USED IN THIS PLUGBACK. THE CURRENT AND PROPOSED WELLBORE DIAGRAMS ARE ATTACHED FOR YOUR APPROVAL.

will use steel frac tank. Per DP
THE INTENDED PROCEDURE IS AS FOLLOWS:
MIRU. TIH W/BIT TO 5550. RUN GR/CBL/CCL LOG FR 5100-100' ABOVE TOC. PERFORATE FR 3648-56, 3676-84, 3690-94, 3698-3702, 3706-12, 3724-29, 3740-48, 3764-68, 3774-80, 3788-92, 3800-06, 3812-16, 3820-26, 3831-36, 3842-48, 3856-62, 3867-75, 3888-96, 3906-14, & 3924-28. TIH & SET CIBP @ 5530. DUMP 35' CMT ON TOP OF CIBP. TIH & SET CIBP @ 5100. DUMP 35' CMT ON TOP OF CIBP. TIH W/PKR TO 3650. ACIDIZE PERFS 3648-3928 W/4000 GALS ANTI-SLUDGE 15% HCL. REL PKR & PYH TO 3650. SWAB BACK. REL PKR. TIH W/PKR & SET @ 3550. INSTL FRAC HEAD. FRAC W/66,000 GALS YF130 & SAND. REL PKR. TIH W/BIT TO 5000. TIH W/PKR TO 3500. SET PKR @ 3500. SWAB. RUN GR/TREMP/CCL LOG FR 4500-3000. REL PKR. TIH W/MA, PERF SUB, SN, & TAC. SET TAC @ 3600. EOT @ 4000. SN @ 3965. TIH W/PUMP & RODS. 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 Pinkerton*

Printed Name Denise Pinkerton

Title Regulatory Specialist

Date 2/14/2005

Telephone 432-687-7375

OIL CONSERVATION DIVISION

Approved By: *[Signature]*

Title:

PETROLEUM ENGINEER

Approval Date:

FEB 18 2005

Expiration Date:

Conditions of Approval:

Attached ☐

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Plugback

Well: **V. M. Henderson # 6**

Field: **Paddock &
Blinebry O & G (DHC)**

Reservoir: **Paddock &
Blinebry**

Location:
760' FNL & 1980' FWL
Section: 30
Township: 21S
Range: 37E
County: Lea State: NM

Elevations:
GL: 3496'
KB: 3506'
DF: 3505'

**Current
Wellbore Diagram**

Well ID Info:
Chevno: FA8009
API No: 30-025-06912
L5/L6: U482000
Spud Date: 9/16/61
Compl. Date: 4/27/77

Surface Csg: 8 5/8", 24#, J-55
Set: @ 1253' w/ 800 sks
Hole Size: 12 1/4"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Tubing Detail:

#Jts:	Size:	Footage
	KB Correction	10.00
172	Jts. 2 7/8" J-55 Cl. 'B'	5334.90
	2 7/8" API S.N.	1.10
	2 7/8" x 10' J-55 Tbg Sub	10.00
	Centriflgt Sub Pump	44.00
172	Bottom Of Mtr >>	5400.00

Perfs:	Status:
5158-68'	Paddock - Open
5173-76'	Paddock - Open
5184-90'	Paddock - Open
5198-5201'	Paddock - Open
5206-09'	Paddock - Open
5212-15'	Paddock - Open
5218-22'	Paddock - Open
5270-75'	Paddock - Open
5424-28'	Paddock - Open
5434-38'	Paddock - Open
5480-84'	Paddock - Open
5512-18'	Paddock - Open

5539-43'	Blinebry - Open
5547-65'	Blinebry - Open
5569-87'	Blinebry - Open
5593-5610'	Blinebry - Open
5618-28'	Blinebry - Open
5632-54'	Blinebry - Open

CIBP @ 5980'
(35' cmt on top)

Baker Model D Pkr @ 6004'

Baker Model DB Pkr @ 5927'

Prod. Csg: 5 1/2", 14#, J-55
Set: @ 6550' w/ 1000 sks
Hole Size: 6 3/4"
Circ: No **TOC:** Above 1570'
TOC By: CBL

**4 3/4" Open-Hole
Production Interval
6550-6700' (Drinkard - Below CIBP)**

COTD: 5912'
PBTD: 5945'
TD: 6700'

Updated: 2/7/05

By: A. M. Howell

*Prop
30020*

Location:

760' FNL & 1980' FWL
 Section: 30
 Township: 21S
 Range: 37E
 County: Lea State: NM

Elevations:

GL: 3496'
 KB: 3506'
 DF: 3505'

Tbg Detail:

BP @ 4000'
 1 jt. 2 7/8" tbg
 2 7/8" x 4' perf sub
 SN @ 3965'
 1 jt. 2 7/8" EUE 8R J-55 IPC tbg
 11 jts. 2 7/8" EUE 8R J-55 tbg
 TAC @ 3600'
 116 jts. 2 7/8" EUE 8R J-55 tbg

CIBP @ 5100'
 (35' cmt on top)

CIBP @ 5530'
 (35' cmt on top)

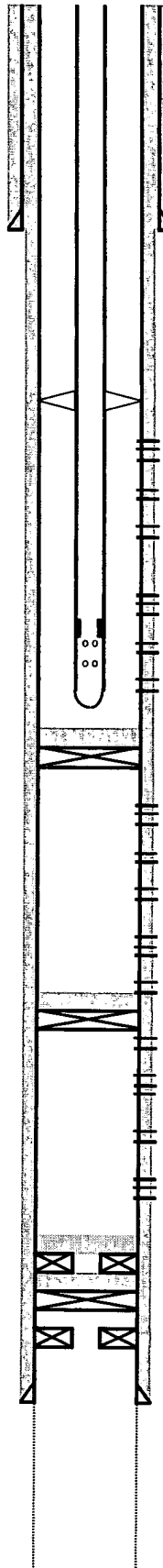
CIBP @ 5980'
 (35' cmt on top)

Baker Model D Pkr @ 6004'

COTD: 5065'
 PBD: 5065'
 TD: 6700'

Updated: 2/7/05

Proposed
Wellbore Diagram

**Well ID Info:**

Chevron: FA8009
 API No: 30-025-06912
 L5/L6: U493800
 Spud Date: 9/16/61
 Compl. Date: 4/27/77

Surface Csg: 8 5/8", 24#, J-55
Set: @ 1253' w/ 800 sks
Hole Size: 12 1/4"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Perfs:	Status:
3648-56'	Grayburg - Open
3676-84'	Grayburg - Open
3690-94'	Grayburg - Open
3698-3702'	Grayburg - Open
3706-12'	Grayburg - Open
3724-29'	Grayburg - Open
3740-48'	Grayburg - Open
3764-68'	Grayburg - Open
3774-80'	Grayburg - Open
3788-92'	Grayburg - Open
3800-06'	Grayburg - Open
3812-16'	Grayburg - Open
3820-26'	Grayburg - Open
3831-36'	Grayburg - Open
3842-48'	Grayburg - Open
3856-62'	Grayburg - Open
3867-75'	Grayburg - Open
3888-96'	Grayburg - Open
3906-14'	Grayburg - Open
3924-28'	Grayburg - Open

5158-68'	Paddock - Open
5173-76'	Paddock - Open
5184-90'	Paddock - Open
5198-5201'	Paddock - Open
5206-09'	Paddock - Open
5212-15'	Paddock - Open
5218-22'	Paddock - Open
5270-75'	Paddock - Open
5424-28'	Paddock - Open
5434-38'	Paddock - Open
5480-84'	Paddock - Open
5512-18'	Paddock - Open

5539-43'	Blaine - Open
5547-65'	Blaine - Open
5569-87'	Blaine - Open
5593-5610'	Blaine - Open
5618-28'	Blaine - Open
5632-54'	Blaine - Open

Baker Model DB Pkr @ 5927'

Prod. Csg: 5 1/2", 14#, J-55
Set: @ 6550' w/ 1000 sks
Hole Size: 6 3/4"
Circ: No **TOC:** Above 1570'
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By: A. M. Howell

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Form C-102

Revised February 10, 199

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-06912	² Pool Code 50350	³ Pool Name PENROSE SKELLY GRAYBURG
⁴ Property Code 30020	⁵ Property Name HENDERSON, V. M.	⁶ Well No. 6
⁷ OGRID Number 4323	⁸ Operator Name CHEVRON USA INC	⁹ Elevation 3496' GL

¹⁰ Surface Location

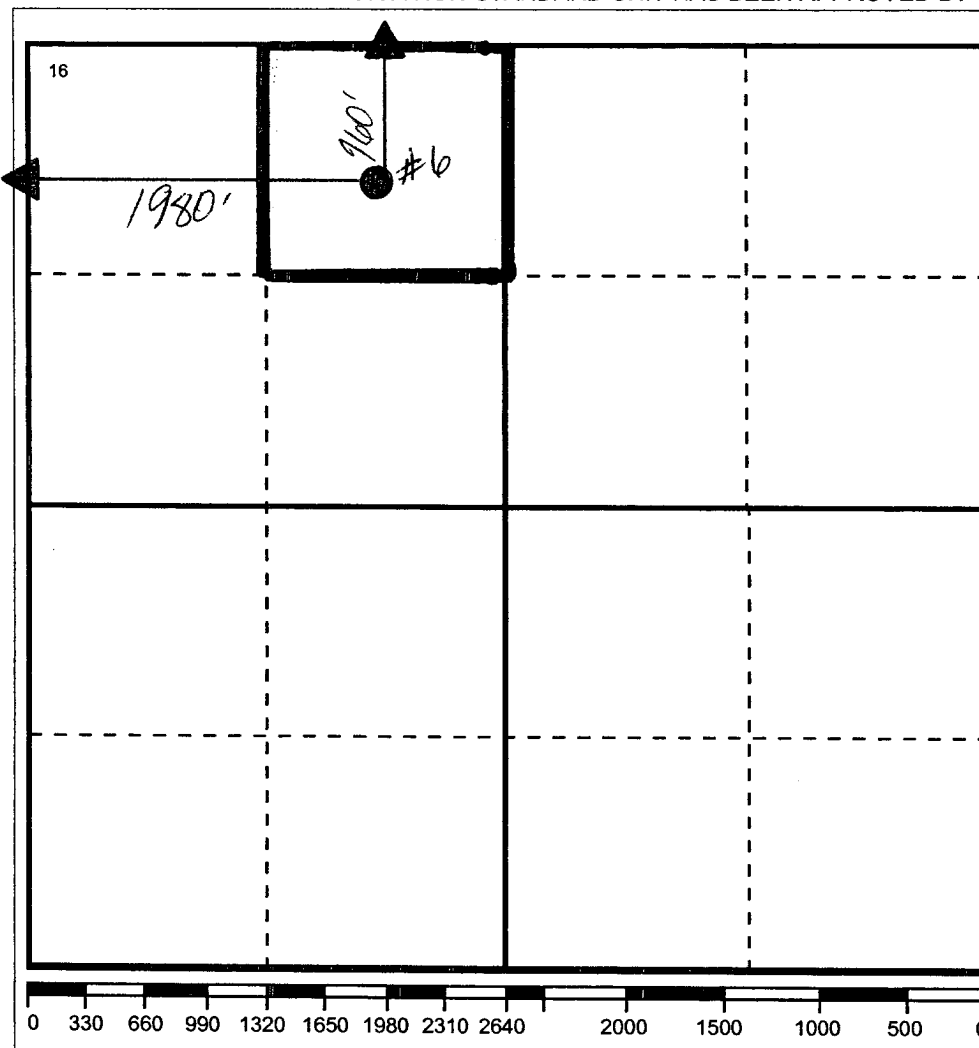
UI or lot no	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
C	30	21S	37E		760	NORTH	1980	WEST	LEA

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



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 Pinkerton

Positio

Regulatory Specialist

Date

2/14/2005

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.