

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

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

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☐ AMENDED REPORT

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

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
⁴ Property Code 2641		³ API Number 30-025-10259
⁵ Property Name HUGH		⁶ Well No. 3

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
B	14	22-S	37-E		660'	NORTH	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 P	¹² WellType Code O	¹³ Rotary or C.T. ROTARY	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3347'
¹⁶ Multiple No	¹⁷ Proposed Depth 6476'	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 RECOMPLETE THE SUBJECT WELL FROM THE BLINEBRY POOL TO THE PENROSE SKELLY GRAYBURG RESERVOIR. A PIT WILL NOT BE USED FOR THIS PLUGBACK. A STEEL FRAC TANK WILL BE UTILIZED. THE CURRENT AND PROPOSED WELLBORE DIAGRAMS ARE ATTACHED FOR YOUR APPROVAL. THE INTENDED PROCEDURE IS AS FOLLOWS:
1) MIRU. 2) TIH W/BIT TO 5350. 3) PERFORATE FROM 3648-54, 3662-66, 3692-3700, 3720-28, 3739-45, 3758-62, 3770-74, 3790-98, 3805-10, 3816-18, 3828-34, 3842-50, 3859-63, 3867-71 & 3885-89. TIH W/CIBP & SET @ 5300. DUMP 35' CMT ON TOP OF CIBP. TIH & SET CIBP @ 5050. DUMP 35' CMT ON TOP OF CIBP. 4) TIH W/PKR & RBP TO 3915. SET RBP @ 3915. SET PKR @ 3900. 5) TIH W/7" PPI PKR TO 3600. 6) ACIDIZE PERFS 3648-3889 W/3000 GALS ANTI-SLUDGE 15% HCL. 7) REL PKR & PUH TO 3575'. SWAB BACK. 8) REL PKR. 9) TIH W/PKR & SET @ 3550. INSTL FRAC HEAD. 10) FRAC W/66,000 GALS YF130 & SAND. 11) REL PKR. 12) TIH W/RETR HEAD TO 3915. REL RBP. 13) TIH W/PKR TO 3500. SET PKR. SWAB. RUN CCL LOG FR 4500-3000. REL PKR. 14) TIH W/MA, SN, TBG, TAC. SET TAC @ 3550. EOT @ 4000. SN @ 3965. TIH W/PMP & 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
FEB 18 2005

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Plugback

Well: **Hugh # 3**Field: **Blinebry**Reservoir: **Blinebry****Location:**

660' FNL & 1980' FEL
 Section: 14 Unit Letter: B
 Township: 22S
 Range: 37E
 County: Lea State: NM

Elevations:

GL: 3347'
 KB: 3362'
 DF: 3361'

Current
Wellbore Diagram

Well ID Info:

Chevno: FB1255
 API No: 30-025-10259
 LSLB: U462100
 Spud Date: 8/15/47
 Compt. Date: 10/1/47

Surf. Csg: 13 3/8", 48#, SS**Set:** @ 309' w/ 300 sks**Hole Size:** 17 1/2"**Circ:** Yes **TOC:** Surface**TOC By:** Circulated**Prod. Csg:** 9 5/8", 36#, H-40**Set:** @ 2875' w/ 1300 sks**Hole Size:** 12 1/4"**Circ:** No **TOC:** 1475'**TOC By:** Temperature Survey**Perfs:****Status**

3584-88'	Grayburg - Cmt Sqzd
3598-3602'	Grayburg - Cmt Sqzd
3662-66'	Grayburg - Cmt Sqzd
3722-26'	Grayburg - Cmt Sqzd
3758-62'	Grayburg - Cmt Sqzd
3832-34'	Grayburg - Cmt Sqzd
3842-44'	Grayburg - Cmt Sqzd
3667-71'	Grayburg - Cmt Sqzd
3885-89'	Grayburg - Cmt Sqzd
3926-30'	Grayburg - Cmt Sqzd
3946-50'	Grayburg - Cmt Sqzd

Tbg Detail:

BP @ 5797'
 1 jt. 2 3/8" tbg
 2 3/8" x 4' perf sub
 SN @ 5762'
 17 jts. 2 3/8" EUE 8R J-55 tbg
 TAC @ 5235'
 169 jts. 2 3/8" EUE 8R J-55 tbg

5100-04'	Paddock - Cmt Sqzd
5128-32'	Paddock - Cmt Sqzd
5196-5200'	Paddock - Cmt Sqzd

5354'	5451'	Blinebry - Open
5357'	5456'	Blinebry - Open
5360'	5485'	Blinebry - Open
5364'	5497'	Blinebry - Open
5375'	5517'	Blinebry - Open
5396'	5524'	Blinebry - Open
5415'	5538'	Blinebry - Open
5420'	5543'	Blinebry - Open
5425'	5551'	Blinebry - Open
5432'	5571'	Blinebry - Open
5439'	5586'	Blinebry - Open
5444'		Blinebry - Open

5631'	5735'	Blinebry - Open
5642'	5750'	Blinebry - Open
5657'	5780'	Blinebry - Open
5667'	5799'	Blinebry - Open
5674'	5803'	Blinebry - Open
5691'	5828'	Blinebry - Open
5717'		Blinebry - Open

CIBP @ 6005'

(35' cement on top)

Top of fish @ 6157'

(Baker Lok-Set pkr w/ 15' of 2 3/8" tbg)

CIBP @ 6375'

(10' cement on top)

6256-58'	Drinkard Gas - Below CIBP
6276-78'	Drinkard Gas - Below CIBP
6298-6300'	Drinkard Gas - Below CIBP
6318-20'	Drinkard Gas - Below CIBP
6338-40'	Drinkard Gas - Below CIBP

Prod. Csg: 7", 23#, J-55 & N-80**Set:** @ 6397' w/ 700 sks**Hole Size:** 8 3/4"**Circ:** No **TOC:** 1650'**TOC By:** Temperature Survey**OH fr/ 6397-6476' (Drinkard)****Hydromite Plug fr/ 6450-61'**

COTD: 5970'
PBTD: 5970'
TD: 6476'

Updated: 2/8/2005**By:** A. M. Howell

Well: **Hugh # 3** Field: **Penrose Skelly** Reservoir: **Grayburg**

Location:
660' FNL & 1980' FEL
Section: 14 Unit Letter: B
Township: 22S
Range: 37E
County: Lea State: NM

Elevations:
GL: 3347'
KB: 3362'
DF: 3361'

**Proposed
Wellbore Diagram**

Well ID Info:
Chevno: FB1255
API No: 30-025-10259
L5/L6: U493000
Spud Date: 8/15/47
Compl. Date: 10/1/47

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Set: @ 309' w/ 300 sks
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Circ: Yes **TOC:** Surface
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Prod. Csg: 9 5/8", 36#, H-40
Set: @ 2875' w/ 1300 sks
Hole Size: 12 1/4"
Circ: No **TOC:** 1475'
TOC By: Temperature Survey

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
12 jts. 2 7/8" EUE 8R J-55 tbg
TAC @ 3550'
115 jts. 2 7/8" EUE 8R J-55 tbg

CIBP @ 5050'
(35' cement on top)

CIBP @ 5300'
(35' cement on top)

CIBP @ 6005'
(35' cement on top)

Top of fish @ 6157'
(Baker Lok-Set pkr w/ 15'
of 2 3/8" tbg)

CIBP @ 6375'
(10' cement on top)

COTD: 5015'
PBTD: 5015'
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Updated: 2/8/2005

By: A. M. Howell

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3805-10'	Grayburg - Open
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-10259	² Pool Code 50350	³ Pool Name PENROSE SKELLY GRAYBURG
⁴ Property Code 2641	⁵ Property Name HUGH	⁶ Well No. 3
⁷ OGRID Number 4323	⁸ Operator Name CHEVRON USA INC	⁹ Elevation 3347'

¹⁰ Surface Location

UI or lot no B	Section 14	Township 22-S	Range 37-E	Lot.Idn	Feet From The 660'	North/South Line NORTH	Feet From The 1980'	East/West Line EAST	County LEA
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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.						

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

¹⁶

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.