

DISTRICT I
P.O. Box 1530 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 RD, MIDLAND, TX 79705		² OGRID Number 4323
⁴ Property Code 2593	⁵ Property Name J.N. CARSON (NCT-A)	³ API Number 30-025-06816
		⁶ Well No. 10

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	28	21-S	37-E		1980'	SOUTH	2180'	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 Well Type Code O	¹³ Rotary or C.T. ROTARY	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3442' GL
¹⁶ Multiple No	¹⁷ Proposed Depth 7705'	¹⁸ Formation GRAYBURG	¹⁹ Contractor	²⁰ Spud Date 3/21/2005

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 GRAYBURG RESERVOIR. *****A PIT WILL NOT BE USED FOR THIS PLUGBACK, BUT WILL INSTEAD UTILIZE A STEEL FRAC TANK.***** CURRENT & PROPOSED WELLBORE DIAGRAMS ARE ATTACHED FOR YOUR APPROVAL.

THE INTENDED PROCEDURE IS AS FOLLOWS:
MIRU. TIH TO 5700'. TIH W/RBP & SET @ 5650'. DUMP 20' SAND ON TOP OF RBP. PUH TO 5200. LET SAND FALL TO TOP OF RBP. RUN GR/CBL/CCL LOG FR 5000 UP TO 2600. PERFORATE 3662-70, 3682-90, 3715-25, 3745-55, 3760-63, 3770-80, 3790-97, 3800-06, 3820-26, 3830-35, 3840-48, 3862-68, 3885-95, 3906-16, 3924-32, 3945-55. TIH W/PKR TO 3650. ACIDIZE PERFS 3662-3955 W/3200 GALS 15% HCL. REL PKR & PUH TO 3650. SWAB BACK. REL PKR. TIH W/PKR & SET @ 3550. INSTL FRAC HEAD. FRAC W/82,000 GALS YF130 & SAND. REL PKR. TIH W/MA, PERF SUB, SN, 2 7/8" TBG & TAC. SET TAC @ 3600. EOT @ 4024. SN @ 3985. TIH W/RODS & PUMP. 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.		OIL CONSERVATION DIVISION	
Signature: <i>Denise Pinkerton</i>		Approved By: <i>[Signature]</i>	
Printed Name: Denise Pinkerton		Title: PETROLEUM ENGINEER	
Title: Regulatory Specialist		Approval: MAR 22 2005	
Date: 3/15/2005		Expiration Date:	
Telephone: 432-687-7375		Conditions of Approval: Attached ☐	

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Plugback

Well: J N Carson NCT-A #10

Field: Blinebry

Reservoir: Blinebry

Location:
 1980-FSL & 2180-FEL
 Section: 28
 Township: 21S
 Range: 37E
 County: LEA, NM.

Elevations:
 GL: 3442'
 DF: 3453'
 KB: 3454'

Current Wellbore Diagram

Well ID Info:
 Refno: FA7913
 API No: 3002506816
 L5/L6: UCU460800
 Spud Date: 12/28/1949
 Compl. Date: 7/28/49
 Wellbore#: 047452

Surf. Csg:
 Size 13 3/8" OD SW
 Weight 36# & 48#
 Set @ 322'
 With: 325 sxs
 Hole Size: 17 1/4"
 Circ: Yes
 TOC @ Surface

Int. Csg:
 Size 9 5/8" OD SS
 Weight 36#
 Set @ 2800'
 With: 1300 sxs
 Hole Size: 12 1/4"
 Circ: No
 TOC @ 585' by TS

Tubing Detail:

ft/s:	Size:	Footage
	KB Correction	12.00
183	Jts. 2 3/8" J-55 Tbg	5650.00
	SN	1.10
	2 3/8" x 4" Perf Tbg Sub w/ BP	4.00
183	Bottom Of String >>	5667.10

Perfs:

Perfs	Status
5703'	5801'
5711'	5809'
5723'	5820'
5730'	5833'
5740'	5844'
5748'	5863'
5758'	5872'
5771'	5882'
5784'	5888'
5793'	

Blinebry - Open

Perfs

Perfs	Status
7390'-7425'	McKee Sand - Below CIBP
7430'-70'	McKee Sand - Below CIBP
7490'-7515'	McKee Sand - Below CIBP

Perfs

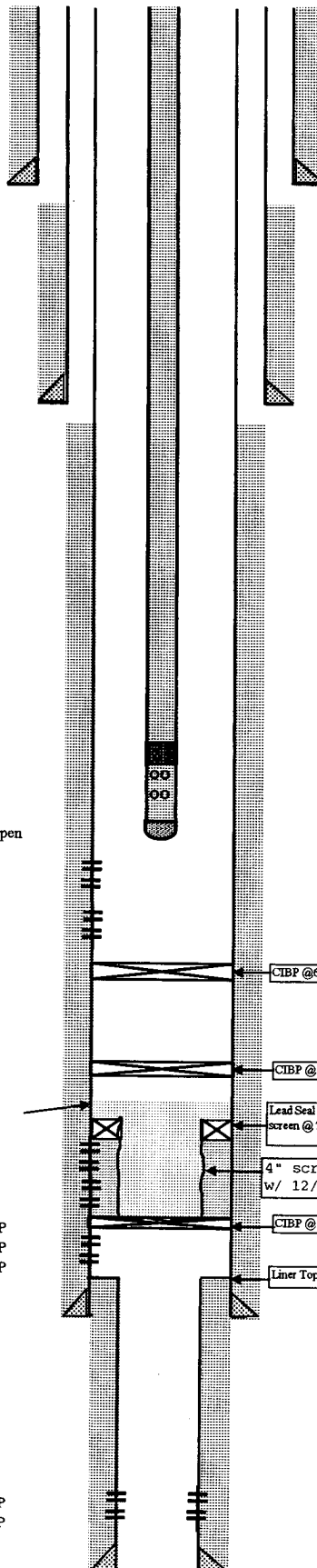
Perfs	Status
7584'-7640'	Connell Sand - Below CIBP
7654'-80'	Connell Sand - Below CIBP

PBTD: 6000'
 TD: 7705'

Prod. Csg:
 Size 7" OD J-55
 Weight 23#
 Set @ 7570'
 With: 700 sxs
 Hole Size:
 Circ: No
 TOC @ 3235' by TS

Liner:
 Size 5 1/2" FL-4S J-5.
 Weight 17#
 Set @ 7705' w/ top at 75
 With: 45 sxs
 Hole Size: 8 1/4" (Under-rea
 Circ: Yes
 TOC @ 7545'

Updated: 14-Mar-05
 By: AMH



Well: J N Carson NCT-A #10

Field: Penrose Skelly

Reservoir: Grayburg

Location:
 1980-FSL & 2180-FEL
 Section: 28
 Township: 21S
 Range: 37E
 County: LEA, NM.

Elevations:
 GL: 3442'
 DF: 3453'
 KB: 3454'

Proposed Wellbore Diagram

Well ID Info:
 Refno: FA7913
 API No: 3002506816
 L5/L6: UCU491400
 Spud Date: 12/28/1949
 Compl. Date: 7/28/49
 Wellbore#: 047452

Surf. Csg:
 Size 13 3/8" OD SW
 Weight 36# & 48#
 Set @ 322'
 With: 325 sxs
 Hole Size: 17 1/4"
 Circ: Yes
 TOC @ Surface

Int. Csg:
 Size 9 5/8" OD SS
 Weight 36#
 Set @ 2800'
 With: 1300 sxs
 Hole Size: 12 1/4"
 Circ: No
 TOC @ 585' by TS

Perfs:
 3662-70' Grayburg - Open
 3682-90' Grayburg - Open
 3715-25' Grayburg - Open
 3745-55' Grayburg - Open
 3760-63' Grayburg - Open
 3770-80' Grayburg - Open
 3790-97' Grayburg - Open
 3800-06' Grayburg - Open
 3820-26' Grayburg - Open
 3830-35' Grayburg - Open
 3840-48' Grayburg - Open
 3862-68' Grayburg - Open
 3885-95' Grayburg - Open
 3906-16' Grayburg - Open
 3924-32' Grayburg - Open
 3945-55' Grayburg - Open

Perfs:
 5703' 5801' Blinebry - Open
 5711' 5809' Blinebry - Open
 5723' 5820' Blinebry - Open
 5730' 5833' Blinebry - Open
 5740' 5844' Blinebry - Open
 5748' 5863' Blinebry - Open
 5758' 5872' Blinebry - Open
 5771' 5882' Blinebry - Open
 5784' 5888' Blinebry - Open
 5793' Blinebry - Open

Perfs
 7390'-7425' McKee Sand - Below CIBP
 7430'-70' McKee Sand - Below CIBP
 7490'-7515' McKee Sand - Below CIBP

Perfs
 7584'-7640' Connell Sand - Below CIBP
 7654'-80' Connell Sand - Below CIBP

PBTD: 5630'
 TD: 7705'

Tubing Detail:

Qty	Size	Feet
	KB Correction	12.00
115	Jts. 2 7/8" J-55 Tbg	9600.00
	TAC	9.70
11	Jts. 2 7/8" J-65 Tbg	341.00
1	Jt. 2 7/8" J-65 IPC Tbg	31.00
	SN	1.10
	2 7/8" x 4" Perf Tbg Sub	4.00
1	Jt. 2 7/8" J-65 Tbg w/ BP	31.60
128	Bottom Of String >>	4024.40

RBP @ 5650'
 (20' sand on top)

CIBP @ 6000'

CIBP @ 7250'

Lead Seal on top of 20 gauge
 screen @ 7319'

CIBP @ 7425'

Liner Top @ 7545'

Prod. Csg:
 Size 7" OD J-55
 Weight 23#
 Set @ 7570'
 With: 700 sxs
 Hole Size:
 Circ: No
 TOC @ 3235' by TS

Liner:
 Size 5 1/2" FL-4S J-55
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Revised February 10, 1999

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-06816	² Pool Code 50350	³ Pool Name PENROSE SKELLY GRAYBURG
⁴ Property Code 2593	⁵ Property Name J.N. CARSON (NCT-A)	⁶ Well No. 10
⁷ OGRID Number 4323	⁸ Operator Name CHEVRON USA INC	⁹ Elevation 3442' GL

¹⁰ Surface Location

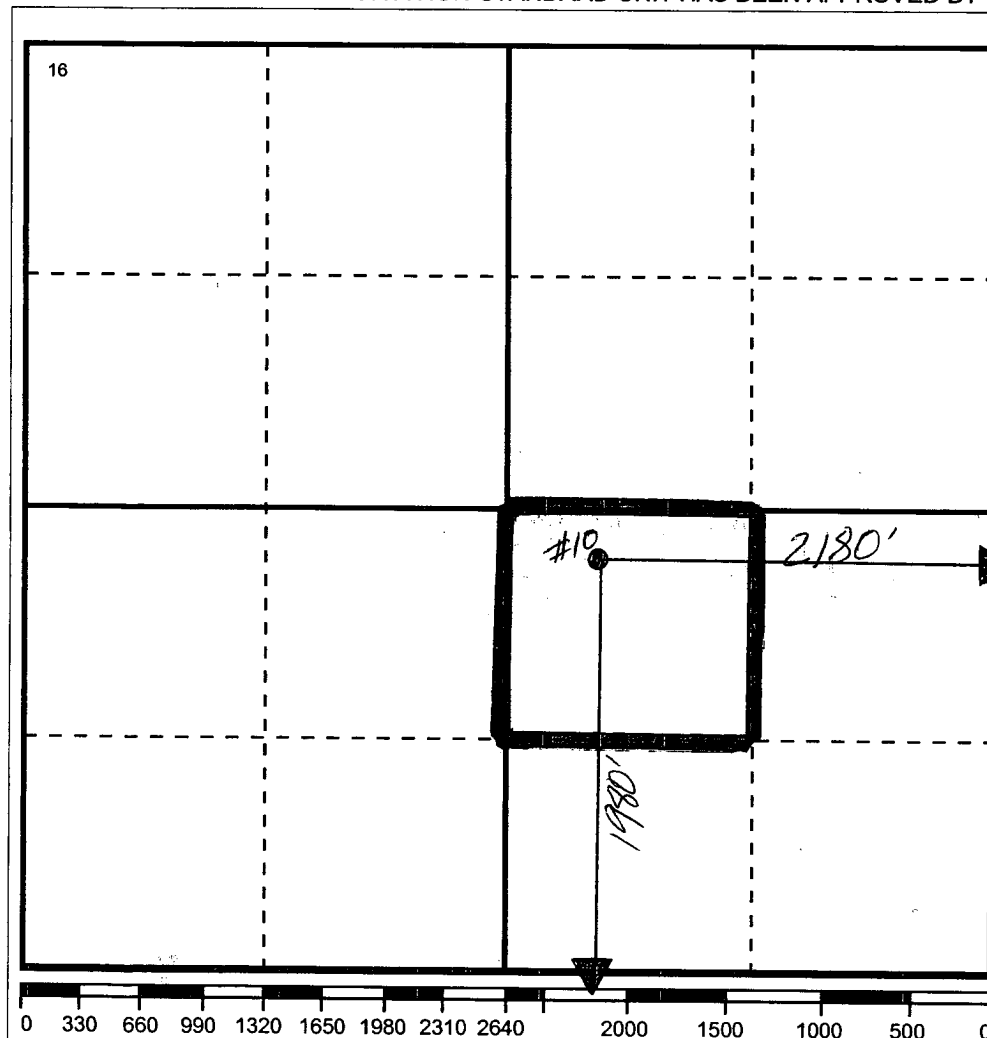
Ul or lot no	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
J	28	21-S	37-E		1980'	SOUTH	2180'	EAST	LEA

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

Printed Name

Denise Pinkerton

Positio

Regulatory Specialist

Date

3/15/2005

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.