

District I
1625 N French Dr , Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S St Francis Dr , Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
June 16, 2001

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

Submit to appropriate District Office

SEP - 5 2008

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN,
PLUGBACK, OR ADD A ZONE

HOBBS OCD

¹ Operator Name and Address CHEVRON MIDCONTINENT, L.P. 15 SMITH ROAD MIDLAND, TEXAS 79705		² OGRID Number 241333
³ Property Code 302770	⁵ Property Name LOVINGTON PADDOCK UNIT	³ API Number 30 - 025-03792
⁹ Proposed Pool 1 LOVINGTON QUEEN NORTH (GAS) LEAK		¹⁰ Proposed Pool 2

⁷ Surface Location									
UL or lot no K	Section 36	Township 16-S	Range 36-E	Lot Idn	Feet from the 1650	North/South line SOUTH	Feet from the 2310	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

Additional Well Information

Work Type Code P	¹² Well Type Code G	¹³ Cable/Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation
¹⁶ Multiple NO	¹⁷ Proposed Depth	¹⁸ Formation QUEEN	¹⁹ Contractor	²⁰ Spud Date

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
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


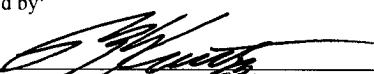
CHEVRON MIDCONTINENT L.P. INTENDS TO RECOMLETE THE SUBJECT WELL IN THE QUEEN RESERVOIR (GAS)
THE NSL-5896 ORDER IS ATTACHED.

THE INTENDED PROCEDURE AND CURRENT AND PROPOSED WELLBORE DIAGRAMS ARE ATTACHED FOR YOUR APPROVAL.

AFTER THE RECOMPLETION, THE WELL NAME WILL BE CHANGED TO STATE R #6

**Permit Expires 2 Years From Approval
Date Unless Drilling Underway
Plugback**

NSL-5896

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief		OIL CONSERVATION DIVISION	
Signature 		Approved by 	
Printed name DENISE PINKERTON		Title PETROLEUM ENGINEER	
Title REGULATORY SPECIALIST		Approval Date SEP 08 2008	Expiration Date
E-mail Address leakejd@chevron.com			
Date 09-04-2008	Phone 432-687-7375	Conditions of Approval Attached <input type="checkbox"/>	

WELL WORKOVER PROCEDURE

DATE: 9/3/2008
LEASE/WELL#: State "R" 6 (Previously LPU 83)
OBJECTIVE: Recomplete in the Queen formation
WELL STATUS: TA'd Oil Producer **COMPLETION DATE:** 1/10/45
FORMATION: Queen
PERFORATIONS: Paddock Perfs: 6054'-6250'; Abo Perfs: 8242'-8382'
LOCATION: 1650 FSL 2310' FWL, Sec 36, T16S, R36E, Lea Co. NM

WORKOVER OBJECTIVES: Recomplete State "R" 6 (previously LPU 83) in the Queen gas formation from 3936' to 4010'. Perforate underbalanced and flow Queen for production testing purposes only. SI well after testing.

PROCEDURE:

1. MIRU pulling unit. NU BOP.
2. PU and RIH with 3-1/2" DC's and 4-3/4" drill bit on 2-7/8" L-80 workstring. Cleanout fill to PBTD @ 4150'. Circulate well clean with 2% KCl water. POOH with DC's and bit and lay down same.
3. RIH with 5-1/2" tension packer and 2-7/8" L-80 workstring. Set packer at approx 3880 ft. Circulate packer fluid. RDMO PU.
4. MIRU swab unit. Make swab runs until fluid level is at 2900 ft (approx 1000 ft above pay interval). RDMO swab unit. Prepare to perforate.
5. MIRU WL. PU 2-1/8" strip gun and RIH to depth and perforate the following intervals w/ 2 JSPF @ 0° phasing (Tie into McCullough's Gamma Ray/Borehole Compensated Neutron Log dated 3/14/1986):

3936' – 3956'	20'	40 shots
4003 – 4010'	7'	14 shots
Total	27'	54 shots

POOH and LD perforating guns. RDMO WL.

6. Flow well until rates and pressures stabilize. Test production rates and catch gas and water samples for analysis.
7. SI well. Wait on decision to acidize and frac or temporarily abandon the well.

STATE R 6 CURRENT WELLBORE DIAGRAM

Created: 06/26/08 By: I da Silva
 Updated: By:
 Lease: Lovington Paddock Unit
 Field: Lovington Paddock Unit
 Surf. Loc.: 1650 FSL 2310' FWL
 Bot. Loc.:
 County: Lea St.: NM
 Status: TA'd Production Well

Well #: LPU 83/ State R 6
 API: 30-025-03792
 Unit Ltr.: K Section: 36
 TSHP/Rng: 16S/36E
 Unit Ltr.: Section:
 TSHP/Rng:
 Directions: Lovington, NM
 Chevno: FA4939

Surface Casing

Size: 13-3/8"
 Wt., Grd.: 44.5# J-55
 Depth: 248'
 Sxs Cmt: 245 sx
 Circulate: Y
 TOC: Surf
 Hole Size: 18"

KB: 3842'
 DF: 3842'
 GL:
 Ini. Spud: 09/11/52
 Ini. Comp.: 10/31/52

Intermediate Casing

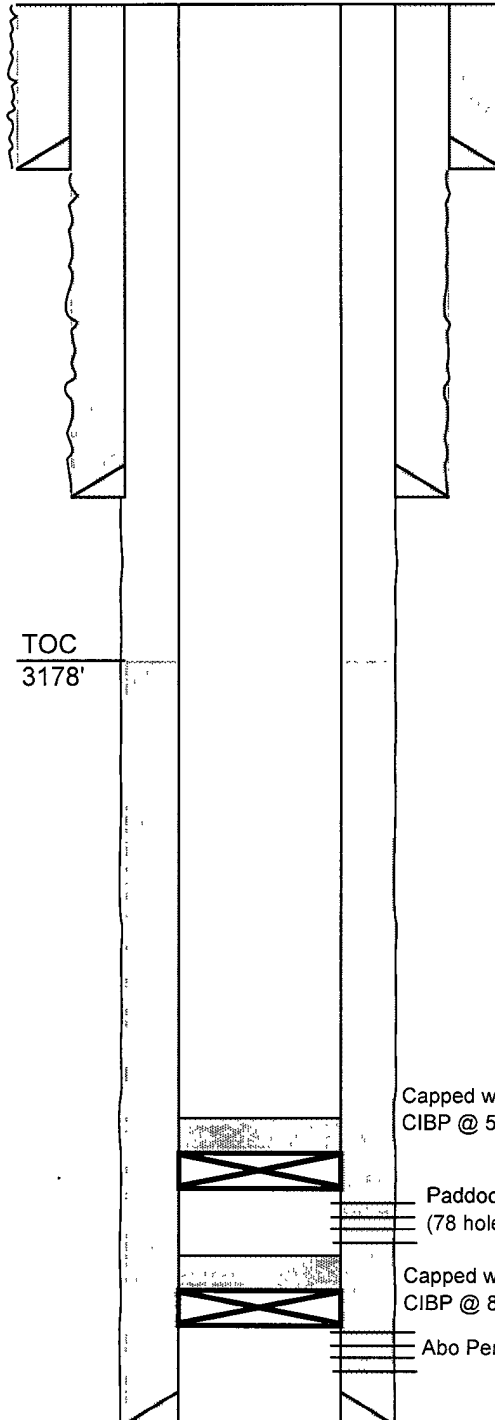
Size: 8-5/8"
 Wt., Grd.: 32# J-55
 Depth: 3290'
 Sxs Cmt: 1200 sx
 Circulate: Y
 TOC: Surf
 Hole Size: 11"

Production Casing

Size: 5-1/2"
 Wt., Grd.: 17# 20# J-55
 Depth: 6100'
 Sxs Cmt: 900 sx
 Circulate: N
 TOC: 3178' (TS)
 Hole Size: 7-7/8"

Formations

Top: Form Name:
 2000 Anhydrite Perm-Och
 2130 Salt
 3034 Yates
 4608 San Andres
 6017 Glorieta



Capped w/ 20' cmt, TOC @ 5940'
 CIBP @ 5960'

Paddock Perfs: 6054'-6250'
 (78 holes, 39 intervals)

Capped w/ 31' cmt, TOC @ 8044'
 CIBP @ 8075'

Abo Perfs: 8242'-8382' (156 shots)

PBTD:
 TD: 6330'

STATE R 6 PROPOSED WELLBORE DIAGRAM

Created: 06/26/08 By: I da Silva
 Updated: By:
 Lease: Lovington Paddock Unit
 Field: Lovington Paddock Unit
 Surf. Loc.: 1650 FSL 2310' FWL
 Bot. Loc.:
 County: Lea St.: NM
 Status: TA'd Production Well

Well #: LPU 83/ State R 6
 API: 30-025-03792
 Unit Ltr.: K Section: 36
 TSHP/Rng: 16S/36E
 Unit Ltr.: Section:
 TSHP/Rng:
 Directions: Lovington, NM
 Chevno: FA4939

Surface Casing

Size: 13-3/8"
 Wt., Grd.: 44.5# J-55
 Depth: 248'
 Sxs Cmt: 245 sx
 Circulate: Y
 TOC: Surf
 Hole Size: 18"

Intermediate Casing

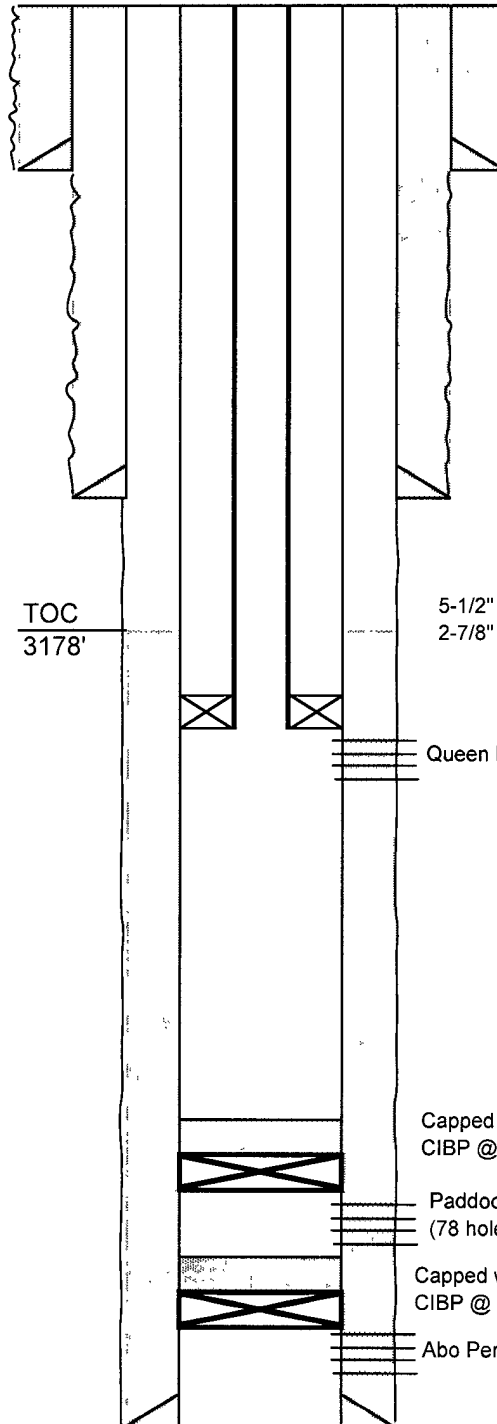
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KB:
 DF: 3842'
 GL:
 Ini. Spud: 09/11/52
 Ini. Comp.: 10/31/52

PBTD: 5940'
 TD: 6330'

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-03792	² Pool Code 80720	³ Pool Name LOVINGTON QUEEN (GAS)
⁴ Property Code	⁵ Property Name LOVINGTON PADDOCK UNIT	⁶ Well Number 83
⁷ OGRID No. 241333	⁸ Operator Name CHEVRON MIDCONTINENT, L.P.	⁹ Elevation

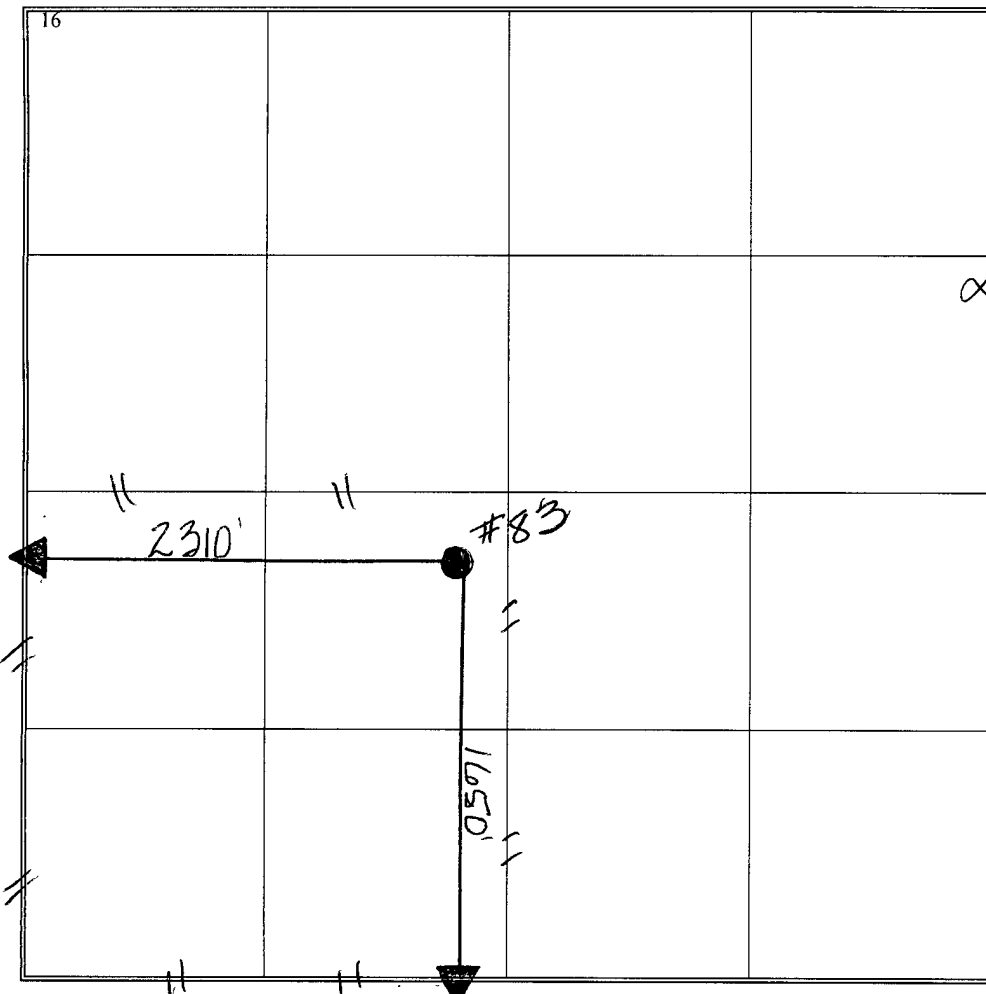
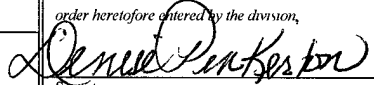
¹⁰ Surface Location

UL or lot no. K	Section 36	Township 16-S	Range 36-E	Lot Idn	Feet from the 1650	North/South line SOUTH	Feet from the 2310	East/West line WEST	County LEA
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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 Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. NSL-5896						

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>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i>  Signature Date 08-27-2008 DENISE PINKERTON REGULATORY SPECIALIST Printed Name
	¹⁸ SURVEYOR CERTIFICATION <i>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 belief</i> Date of Survey Signature and Seal of Professional Surveyor Certificate Number