

09. May. 07 DATE IN	SUSPENSE	D. Brooks ENGINEER	10. May. 07 LOGGED IN	NSL TYPE	PCLP0713031279 APP NO.
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505



Chertron
Doug Goss Co. #1
5637

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☒ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners
 [B] ☒ Offset Operators, Leaseholders or Surface Owner
 [C] ☐ Application is One Which Requires Published Legal Notice
 [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
 [F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Scott INGRAM
Print or Type Name

Scott M. Ingram
Signature

Tech. Team Leader
Title

5-01-2007
Date

Scott.INGRAM@chertron.com
e-mail Address

2007 MAY 9 AM 11:28



Mid-Continent Business Unit
Chevron U.S.A. Inc.
15 Smith Rd.
Midland, Texas 79705

May 2nd, 2007

New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, N.M. 87505

Attention: Engineering Bureau

Re: Application for Permit to Recomplete at a NSL
Douglass Com #1, Eddy County, New Mexico

Dir Sirs:

Chevron Mid-continent, L.P. respectfully requests your review and administrative approval of the attached permit to plugback and recomplete the Douglass Com #1, API 30-015-21802 at its unorthodox location.

The subject well is located just outside the city of Carlsbad and was drilled in 1976 by Belco Petroleum; location is 560' FEL and 2410' FSL, section 7, T22S R27E, Eddy County, New Mexico. Chevron now operates this well and proposes to recomplete to either the Tansil Dam Atoka and/or the Carlsbad Strawn pools depending on production indicators during the recompletion. In the event we desire to produce both pools, we will seek and acquire a DHC permit prior to producing both pools simultaneously. Both pools are on state wide gas pool rules of 320 acre proration units and 660' setbacks so the subject work will require approval of an unorthodox location.

Chevron requests your administrative approval of this application as doing so will allow the utilization of an existing wellbore preventing significant waste. Our records indicate the well was originally permitted at a legal location 660' FEL but was subsequently re-permitted at an unorthodox location 560' FEL due to proximity to a topographic draw and cultivated lands. This location is also adjacent to residential areas within the city of Carlsbad so it is highly unlikely an orthodox location could be achieved within these surface constraints.

In support of this application, the following attached information is included with this application:
Form C-101, Application for Permit to Plugback
Form C-102, Well Location and Acreage Dedication Plat
Certified Copy of notice to Oxy USA Inc., operator of west half of section 8.
Vicinity map showing the location of the well in relation to the city limits, housing and streets.

Respectfully Submitted,

A handwritten signature in black ink that reads "Scott M. Ingram". The signature is written in a cursive, flowing style.

Scott M. Ingram
Interim Carlsbad Area Technical Team Leader
Chevron North America E & P

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

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

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 30-015-21802	² Pool Code 85900	³ Pool Name <i>under</i> TANSIL DAM; ATOKA (GAS)
⁴ Property Code	⁵ Property Name DOUGLAS COM	⁶ Well Number 1
⁷ OGRID No. 241333	⁸ Operator Name CHEVRON MIDCONTINENT, L.P.	⁹ Elevation 3,099'

¹⁰ Surface Location

UL or lot no. H	Section 7	Township 22-S	Range 27-E	Lot Idn	Feet from the 2410	North/South line NORTH	Feet from the 560	East/West line EAST	County EDDY
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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 320	¹³ Joint or Infill	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.

<div>16</div>	<div>17</div> <p>OPERATOR CERTIFICATION</p> <p>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.</p> <p><i>Denise Pinkerton</i> 5-07-2007 Signature Date</p> <p>DENISE PINKERTON REGULATORY SPECIALIST Printed Name</p>	
	<div>18</div> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>	

District I
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1301 W. Grand Avenue, Artesia, NM 88210
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1220 S. St. Francis Dr., Santa Fe, NM 87505

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

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 30-015-21802	² Pool Code 74040	³ Pool Name CARLSBAD; STRAWN, (GAS)
⁴ Property Code	⁵ Property Name DOUGLAS COM	⁶ Well Number 1
⁷ OGRID No. 241333	⁸ Operator Name CHEVRON MIDCONTINENT, L.P.	⁹ Elevation 3,099'

¹⁰ Surface Location

UL or lot no. H	Section 7	Township 22-S	Range 27-E	Lot Idn	Feet from the 2410	North/South line NORTH	Feet from the 560	East/West line EAST	County EDDY
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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
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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.

<div>16</div>	<div>17 OPERATOR CERTIFICATION</div> <p>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.</p> <p><i>Denise Pinkerton</i> 5-07-2007 Signature Date</p> <p>DENISE PINKERTON REGULATORY SPECIALIST Printed Name</p>
	<div>18 SURVEYOR CERTIFICATION</div> <p>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.</p> <p>Date of Survey Signature and Seal of Professional Surveyor:</p>
	Certificate Number



David Thompson
Land Representative

North America Upstream
MidContinent / Alaska Business
Unit
15 Smith Road
Midland, Texas 79705
Tel 432 687 7241
Fax 432 687 7448
thompdw@chevron.com

May 2, 2007

Oxy USA, Inc.
Attn: Land Dept.
P.O. Box 50250
Midland, TX 79710

Notice of Non-Standard Location
Douglass Com #1 - Strawn & Atoka Recompletion
2,410' FNL, 550' FEL Section 7, T22S, R27E
Eddy County, New Mexico

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

Gentlemen:

Enclosed is a copy of a New Mexico Oil Conservation Division application to re-enter the Chevron Midcontinent L.P.-Operated Douglass Com #1 well located 2,410' FNL, 550' FEL of Section 7, T22S, R27E, Eddy County, New Mexico and attempt to complete in the Strawn and/or Atoka formations.

As this well is located 560' from the west line of your operated property (Paslay A Com #1) in Section 8, we are hereby giving notice under NMOCD rules associated with Non-Standard location wells. Should you have any objections to our recompletion attempt, you may contact the New Mexico Oil Conservation Division at: 1220 South St. Francis Drive, Santa Fe, NM 87505, within 20 days of the NMOCD receiving Chevron's application. I have enclosed a plat of the area for your convenience.

Should you have any questions, I may be contacted by email, letter or phone as shown on the letterhead.

Yours truly,

A handwritten signature in cursive script that reads "David Thompson".

David Thompson
Land Representative

Enclosures

SENDER: COMPLETE THIS SECTION

- Complete Return Receipt (PS Form 3800) also complete item 2 and item 3. Delivery is required.
- Print your name and address on the reverse so that we can return the receipt to you.
- Attach this receipt to the mailpiece, or on the front space permits.

1. Article Addressed to:

Oxy USA, Inc.
Attn: Land Dept.
P.O. Box 50250
Midland, TX 79710

COMPLETE THIS SECTION ON DELIVERY

A. Signature: ☒ X ☐ Agent ☐ Addressee

B. Received by (Printed Name) ☐ C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number:

(Transfer from service label) 7002 2410 0001 5905 7591

PS Form 3811 August 2001

Domestic Return Receipt

102595-02-M-1540

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com**OFFICIAL USE**

Postage	\$	
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$	

Postmark
Here

7002 2410 0001 5905 7591

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT
OF THE RETURN ADDRESS. FOLD AT DOTTED LINE**CERTIFIED MAIL™**

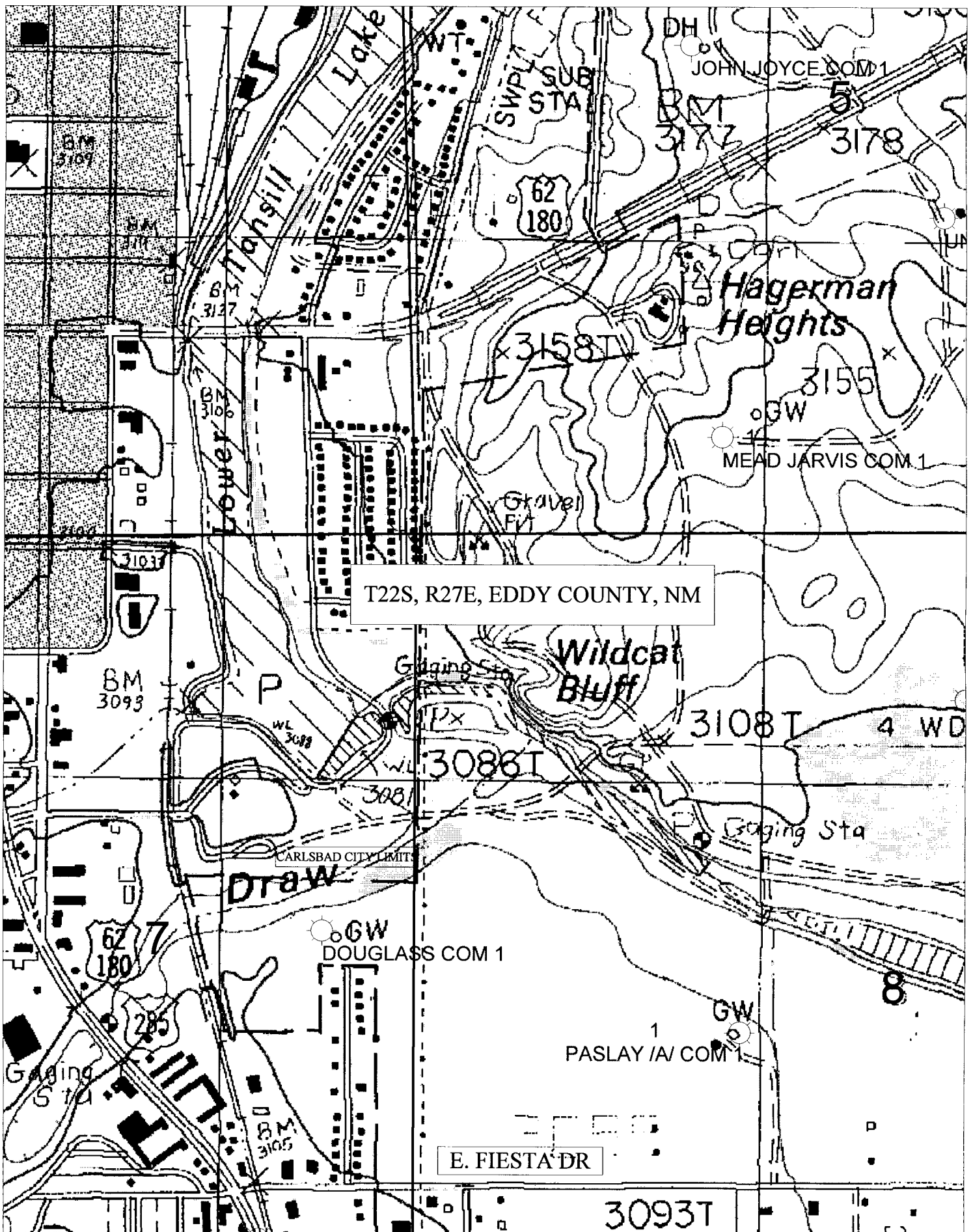
7002 2410 0001 5905 7591

7002 2410 0001 5905 7591

Sent To: Oxy USA Inc. Attn: Land Dept.
Street Apt. No. / P.O. Box No. 50250
or PO Box No. 50250
City, State, Zip+4 Midland, TX 79710

PS Form 3800, June 2002

See Reverse for Instructions



District I
1625 N. French Dr., Hobbs, NM 88240
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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
May 27, 2004

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

Submit to appropriate District Office

☒ AMENDED REPORT

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

¹ Operator Name and Address CHEVRON MIDCONTINENT, L.P. 15 SMITH ROAD MIDLAND, TEXAS 79705		² OGRID Number 241333
		³ API Number 30 - 015-21802
³ Property Code	⁵ Property Name DOUGLAS COM	⁶ Well No. 1
⁹ Proposed Pool 1 TANSIL DAM ATOKA		¹⁰ Proposed Pool 2 CARLSBAD; STRAWN, (GAS)

⁷ Surface Location

UL or lot no. H	Section 7	Township 22-S	Range 27-E	Lot Idn	Feet from the 2410	North/South line NORTH	Feet from the 560	East/West line EAST	County EDDY
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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
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Additional Well Information

¹¹ Work Type Code P	¹² Well Type Code G	¹³ Cable/Rotary	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3099'
¹⁶ Multiple NO	¹⁷ Proposed Depth 11,570	¹⁸ Formation ATOKA/STRAWN	¹⁹ Contractor	²⁰ Spud Date
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> _____mils thick Clay <input type="checkbox"/> Pit Volume: _____bbls		Drilling Method: Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>		
Closed-Loop System <input type="checkbox"/>				

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 RECOMPLETE THE SUBJECT WELL FROM THE MORROW POOL TO THE ATOKA AND/OR STRAWN RESERVOIR. COMMINGLING OF THE TWO ZONES MAY OCCUR, DEPENDING ON PRODUCTION. A PERMIT FOR DHC WILL BE TURNED IN BEFORE COMMINGLING THE PRODUCTION. A COPY OF THE NSL PERMIT REQUEST IS ATTACHED***

A PIT WILL NOT BE USED FOR THIS PLUGBACK. A STEEL FRAC TANK WILL BE UTILIZED.

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

***RE: H2S info.....There is less than 100 ppm H2S, therefore a H2S contingency plan is not required. (Wells included: Pasley A Com #1, Jarvis Mead Com #1, Union Mead Fee Com #1, Colonia A Com #1 & Carlsbad 7 Com #1)

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.
Signature:

Printed name: DENISE PINKERTON

Title: REGULATORY SPECIALIST

E-mail Address: leakejd@chevron.com

Date 5-07-2007

Phone: 432-687-7375

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval Attached ☐

WORKOVER PROCEDURE

I - General Information

Well:	Douglass Com #1	Field:	Carlsbad South
API #:	30-015-21802	Location:	2,410' FNL & 560' FEL
CHEVNO:	EO9939	Unit Ltr.:	H Section: 7
WBS #:		Tshp/Rng:	S-22 & E-27

II - Objective

Recomplete to Atoka, and depending on rate, recomplete to Strawn.

III - Pre-Job Information

- Utilize 4% KCL to reduce formation damage.

IV - Procedure

- 1 MIRU PU, Note SITP & SICP, Kill Well Down Tubing (No Packer in Hole). (0.5 day)
- 2 ND WH, NU BOP, Release Packer, TOH Scanning Tubing and Packer, LD Packer. (1 day)
- 3 PU & TIH w/4 1/8" Bit and Tubing, Clean Out to 11,150' (Top of Flo-Thru CIBP), TOH. (3 days)
- 4 MIRU WL, RIH w/5" CIBP to ~11,050', Set CIBP @ ~11,050', ROH, RIH w/Dump Bail & 2 Sacks of Cement to Top of CIBP, Dump 2 Sacks of Cement on CIBP (TOC ~11,030'), ROH, RIH w/ 3 3/8" Predator Guns, Perf 2 spf @ 10420-429, 650-672, 745-755, 836-842, Monitor Pressure, ROH, RIH w/1.81" F Profile Nipple w/Blanking Plug Set, 8' 2 3/8" Tubing Sub, Packer w/1.87" F Profile Nipple, & On/Off Tool ~10,350', Set Packer @ 10,350', ROH, RDMO WL. (1 day)
- 5 TIH w/ ~1,950' 2 7/8" L-80 Tubing, & 8,400' 3 1/2" L-80 Tubing, Circulate 4% KCl, Latch Onto Packer @ 10,350', Swab Fluid Level to 8,000'. (2 days)
- 6 MIRU WL, RIH w/Equalizing Tool to 1.81" SN, Pull Equalizing Prong in 1.81" Blanking Plug, Monitor Pressure, ROH, RIH w/Retrieving Tool to 1.81" SN, Latch Onto Blanking Plug, Release Blanking Plug, ROH w/Blanking Plug. (0.5 day)
- 7 MIRU Stimulation Equipment, Acidize as per Engineer, RDMO. (1 day)
- 8 Flow Back Load, Swab as per Engineer, ND BOP, NU WH, Put Well to Sales, If Well is Flowing More Than 500 MCFPD, RDMO PU, Clean Location, Turn Over To Production, Otherwise Perform 4 Point Test, Contact Engineer, and Go To Next Step. (2 days)
- 9 MIRU WL, RIH w/1.81" Blanking Plug to 1.81" SN, Set 1.81" Blanking Plug in SN, ROH, RDMO WL. (0.5 day)

- 10 ND WH, NU BOP, Release On/Off Tool, TOH w/Tubing. (1 day)
- 11 MIRU WL, RIH w/3 3/8" Predator Perf Guns, Perf 2 spf @ 10050-055, 080-088, 164-176, 228-238, Monitor Pressure, ROH. (0.5 day)
- 12 PU & TIH w/5" RBP & Packer to 10,300', Set RBP @ 10,300', TOH 1 Joint, Set Packer, Test Packer & RBP to 500 psi, Release Packer, TOH to 10,000', Set Packer @ 10,000', Swab Fluid Level to 8,000'. (2 days)
- 13 MIRU Stimulation Equipment, Acidize as per Engineer, RDMO. (1 day)
- 14 Flow Back Load, Swab as per Engineer, ND BOP, NU WH, Put Well to Sales, If Well is Flowing More Than 1 MMCFPD, RDMO PU, Clean Location, Turn Over To Production, Otherwise Perform 4 Point Test, Contact Engineer, and Go To Next Step. (2 days)
- 15 Kill Well, ND WH, NU BOP, Release Packer, TIH to 10,300', Latch Onto RBP, Release RBP, TOH w/Tubing, Packer, & RBP. (1 day)
- 16 PU & TIH w/ On/Off Tool, 145' 2 7/8" L-80, 2 Joints 2 7/8" L-80 Perforated Tubing, 145' 2 7/8" L-80, 5" Hydraulic Packer w/1.87" R Profile Nipple, 10,000' 2 7/8" L-80 Tubing to Top of Bottom Packer, Circulate 4% KCL, Latch Onto On/Off Tool, Hydraulic Packer should be @ ~10,000, Set Hydraulic Packer. (2 days)
- 17 ND BOP, NU WH, Swab In Strawn Zone, Put Well Down Sales Line, RDMO PU, Clean Location, Turn Over To Production. (1.5 day)
- 18 MIRU WL, RIH w/Equalizing Tool to 1.81" SN, Pull Equalizing Prong in 1.81" Blanking Plug, Monitor Pressure, ROH, RIH w/Retrieving Tool to 1.81" SN, Latch Onto Blanking Plug, Release Blanking Plug, ROH w/Blanking Plug. (0.5 day)

Prepared by
Christopher A. Irle

Douglas Com #1 Wellbore Diagram - Current

Created: 08/29/06 By: C. A. Irle
 Updated: By:
 Lease: Douglass Com
 Field: Carlsbad South
 Surf. Loc.: 2,410' FNL & 560' FEL
 Bot. Loc.:
 County: Eddy St.: NM
 Status: Shut-In Gas Well

Well #: 1 Fd./St. #: Fed
 API: 30-015-21802
 Surface Tshp/Rng: S-22 & E-27
 Unit Ltr.: H Section: 7
 Bottom hole Tshp/Rng:
 Unit Ltr.: Section:
 Directions: Carlsbad, NM
 Chevno: EO9939

Surface Casing (Not Shown)

Size: 16"
 Wt., Grd.: 65# H-40
 Depth: 414
 Sxs Cmt: 500
 Circulate: Yes
 TOC: Surface
 Hole Size: 20"

Intermediate Casing

Size: 10 3/4"
 Wt., Grd.: 40.5# K-55
 Depth: 1,722
 Sxs Cmt: 1,500
 Circulate: Yes, 125sx
 TOC: Surface
 Hole Size: 15"

Production Casing

Size: 7 5/8"
 Wt., Grd.: 29.7#*
 Depth: 8,829
 Sxs Cmt: 500
 Circulate: No
 TOC: 5,420 TS
 Hole Size: 8 1/2"
 DV Tool:

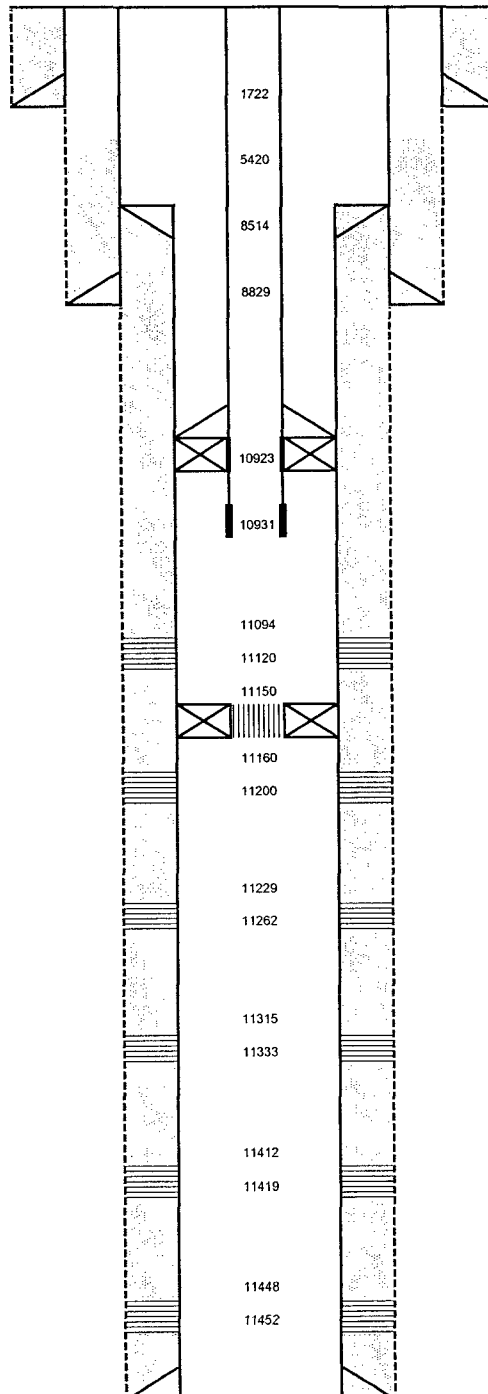
*N-80 & S-95

Production Liner

Size: 5"
 Wt., Grd.: 17.6# N-80
 TOL: 8,514
 Depth: 11,567
 Sxs Cmt: 430
 Circulate: Yes
 TOC: TOL
 Hole Size: 6 1/2"

Perforations

11094-102, 112-120, 160-164,
 186-200, 229-241, 250-262, 315-
 320, 326-333, 412-419, 448-452



KB:
 DF:
 GL: 3,099
 Ini. Spud: 05/14/76
 Ini. Comp.: 09/27/76

History

5/14/76 Dril: Gas show 9250, flare 9400, 10748, 11240, 11377.
 9/27/76 Ini Comp: Perf 11187-194, 230-239, 255-262, 315-320, 326-333, 412-419, 448-452, acid 7000 gls 7.5%.
 12/17/90 Tbg Fail: Blkg plug 10989 (N nipple), rel o/o, redress SA, sting o/o, not ret plug, imp blk marked on side & bottom, SA overtorqued & crimped?, broak not work, rotate tbg not work, swedge stk, cut line, swedge & bail, rec plug, CO 11427 tag hard, flow 20 days, tag 11333, reperf 11187-194.
 5/21/91 CO: Tag 9600, knife not cut.
 6/1/91 CO: Bail thru bridges, CTCO, when was comp inst?
 1/11/00 Swab?: Tag 11402, no fluid.
 1/17/00 Reperf: Tag 11388, perf 4 spf 11186-200, 229-241, 311-332.
 5/23/00 Reperf: CTCO Tag 11390, couldn't get down to reperf 11406-456.
 6/16/00 Stim: 1000 gls methanol w/50Q CO2, 10000 gls 10% FE 50Q CO2, SION, circ 350 scfm N2.
 5/13/04 Swab: IFL 10500, 2 runs, dry, 500' 1 hr, tight 5300 & 7000, 4 sp stk.
 11/18/04 Perf & Stim: CT drl fill 11190, 204, 246, 319, 359, CO snd 11400-531, perf 11094-102, 112-120, 160-164, 250-260, acid 4000 gls 7.5% morrow.
 6/11/05 Stim: Not rel o/o, cut tbg 2' abv SA, FP 31' abv SA, cut free, ret fish, blow csg foam air unit, tag 11405, CO 11525, circ, rec scale & salt, gage 11150, flo thru CBP 11150, Stim??, CO2 blowing, CT tag snd 5800, CO 11150 (CBP), swab, 1.875 F blk plug in pkr, rel o/o, prod tbg, swab 8000, plug stk, rel pkr, 344 jts 2 3/8 N80, o/o w/1.875 F N, pkr, 8' 2 3/8 Sub, 1.81 F N, pkr 10923, swab, rec 292 bbl, ann cap 202 bbl.

PBTD: 11,527
 TD: 11,570

Carlsbad, Strawn TANBILL DAM ATOKA

320 Acres

Douglas Com #1 Wellbore Diagram - Proposed

Created: 08/29/06 By: C. A. Irle
Updated: By:
Lease: Douglass Com
Field: Carlsbad South
Surf. Loc.: 2,410' FNL & 560' FEL
Bot. Loc.:
County: Eddy St.: NM
Status: Shut-In Gas Well

Well #: 1 Fd./St. #: Fed
API: 30-015-21802
Surface: Tshp/Rng: S-22 & E-27
Unit Ltr.: H Section: 7
Bottom hole: Tshp/Rng:
Unit Ltr.: Section:
Directions: Carlsbad, NM
Chevno: EO9939

Surface Casing (Not Shown)

Size: 16"
Wt., Grd.: 65# H-40
Depth: 414
Sxs Cmt: 500
Circulate: Yes
TOC: Surface
Hole Size: 20"

Intermediate Casing

Size: 10 3/4"
Wt., Grd.: 40.5# K-55
Depth: 1,722
Sxs Cmt: 1,500
Circulate: Yes, 125sx
TOC: Surface
Hole Size: 15"

Production Casing

Size: 7 5/8"
Wt., Grd.: 29.7#
Depth: 8,829
Sxs Cmt: 500
Circulate: No
TOC: 5,420 TS
Hole Size: 8 1/2"
DV Tool:

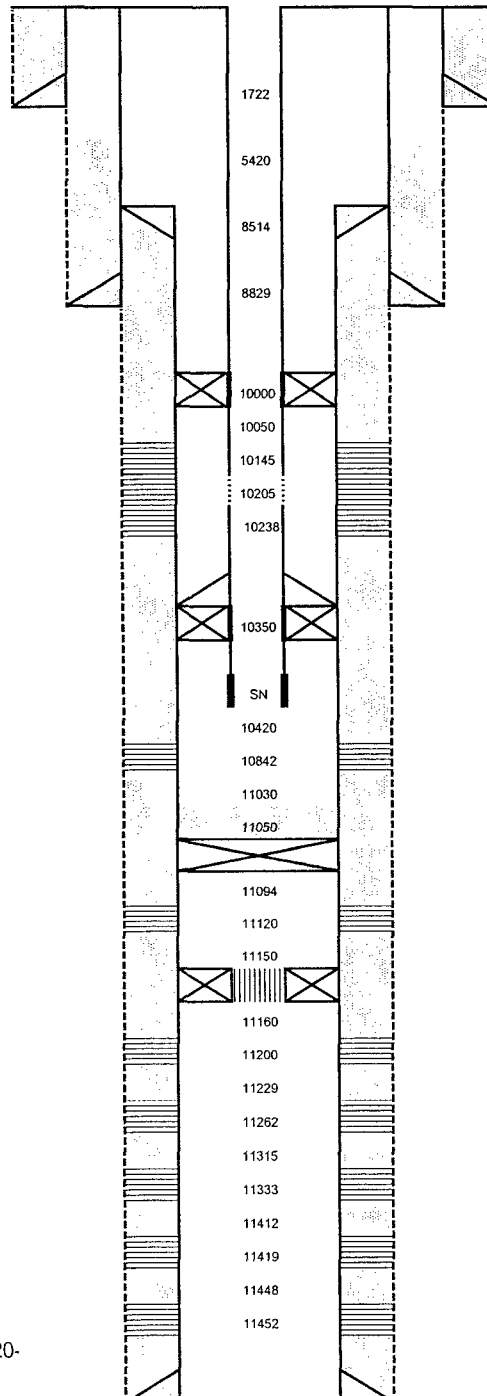
*N-80 & S-95

Production Liner

Size: 5"
Wt., Grd.: 17.6# N-80
TOL: 8,514
Depth: 11,567
Sxs Cmt: 430
Circulate: Yes
TOC: TOL
Hole Size: 6 1/2"

Perforations

10050-055, 080-088, 164-176, 228-238, 420-429, 650-672, 745-755, 836-842, 11094-102, 112-120, 160-164, 186-200, 229-241, 250-262, 315-320, 326-333, 412-419, 448-452



KB: _____
DF: _____
GL: 3,099
Ini. Spud: 05/14/76
Ini. Comp.: 09/27/76

History

5/14/76 Dr: Gas show 9250, flare 9400, 10748, 11240, 11377.
9/27/76 Ini Comp: Perf 11187-194, 230-239, 255-262, 315-320, 326-333, 412-419, 448-452, acid 7000 gls 7.5%.
12/17/90 Tbg Fail: Blkg plug 10989 (N nipple), rel o/o, redress SA, stng o/o, not ret plug, imp blk marked on side & bottom, SA overtorqued & crimped?, broak not work, rotate tbg not work, swedge stk, cut line, swedge & bail, rec plug, CO 11427 tag hard, flow 20 days, tag 11333, reperf 11187-194.
5/21/91 CO: Tag 9600, knife not cut.
6/1/91 CO: Bail thru bridges, CTCO, when was comp inst?
1/11/00 Swab?: Tag 11402, no fluid.
1/17/00 Reperf: Tag 11388, perf 4 spf 11186-200, 229-241, 311-332.
5/23/00 Reperf: CTCO Tag 11390, couldn't get down to reperf 11406-456.
6/16/00 Stim: 1000 gls methanol w/50Q CO2, 10000 gls 10% FE 50Q CO2, SION, circ 350 scfm N2.
5/13/04 Swab: IFL 10500, 2 runs, dry, 500' 1 hr, tight 5300 & 7000, 4 sp stx.
11/18/04 Perf & Stim: CT drl fill 11190, 204, 246, 319, 359, CO snd 11400-531, perf 11094-102, 112-120, 160-164, 250-260, acid 4000 gls 7.5% morrow.
6/11/05 Stim: Not rel o/o, cut tbg 2' abv SA, FP 31' abv SA, cut free, ret fish, blow csg foam air unit, tag 11405, CO 11525, circ, rec scale & salt, gage 11150, flo thru CBP 11150, Stim??, CO2 blowing, CT tag snd 5800, CO 11150 (CBP), swab, 1.875 F blkg plug in pkr, rel o/o, prod tbg, swab 8000, plug stk, rel pkr, 344 jts 2 3/8 N80, o/o w/1.875 F N, pkr, 8' 2 3/8 Sub, 1.81 F N, pkr 10923, swab, rec 292 bbl, ann cap 202 bbl.
Proposed: CIBP 11150, cmt 20', perf 10420-429, 650-672, 745-755, 836-842, pkr 10350, acid 2000 gls, flow, blkg plg in SN, perf 10050-055, 080-088, 164-176, 228-238, RBP 10300, pkr 10000, acid 2000 gls, flow, rel pkr & RBP, run BHA, latch btm pkr, set top pkr 10000, swab Strawn in, ret blkg plg.

Tubing Detail

10,000' 2 7/8" 6.4# L-80 Tubing
Hydraulic Packer w/1.87" F Profile Nipple
145' 2 7/8" 6.4# L-80 Tubing
60' 2 7/8" Perforated Blast Joint
145' 2 7/8" 6.4# L-80
On/Off Tool
Mechanical Packer w/1.81" F Profile Nipple
8' 2 3/8" Tubing Sub
1.78" R Profile Nipple
Wireline Entry Guide

PBTD: 11,527
TD: 11,570