

9/23/09	NONE	DB	9/23/09	NSL	PWV	092431376
DATE	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO	

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



Cimarron
Cottonwood Draw 22
Fed #3

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.

James Bruce
P.O. Box 1056
Santa Fe, New Mexico 87504

Signature

Attorney for Applicant
Title Date

jamesbruc@aol.com
e-mail Address

RECEIVED OGD
2009 SEP 23 A 7:44

9/22/09

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)
(505) 660-6612 (Cell)
(505) 982-2151 (Fax)

jamesbruc@aol.com

September 22, 2009

Mark E. Fesmire, P.E.
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Dear Mr. Fesmire:

Pursuant to Division Rule NMAC 19.15.15.13, Cimarex Energy Co. of Colorado applies for approval of an unorthodox oil well location for the following horizontal well:

<u>Well name:</u>	Cottonwood ^{Draw} "22" Fed. Well No. 3
<u>Surface location:</u>	530 feet FNL & 360 feet FEL (this is also the penetration point in the Delaware)
<u>Bottom hole location:</u>	2530 feet FNL & 380 feet FEL
<u>Well unit (project area):</u>	E½NE¼ of Section 22, Township 25 South, Range 26 East, N.M.P.M., Eddy County, New Mexico

The well will test the Delaware formation (North Cottonwood Draw-Delaware Pool). Under the Division's statewide rules, spacing is 40 acres, with wells to be at least 330 feet from a quarter-quarter section line. A Form C-102 is attached as **Exhibit A**.

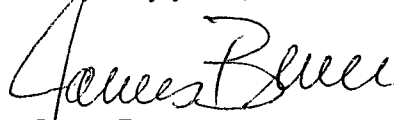
Applicant desired to place the well's surface location approximately 330 feet from the north line of the section. However, the South Hackberry Draw runs through the top of the NE¼NE¼ of Section 22, which required the well to be located further south. **Exhibit B**. As a result, applicant has decided, in order to contact more of the reservoir, to maximize the length of the horizontal wellbore, which makes the terminus unorthodox.

Attached as **Exhibit C** is a land plat and lease information from the BLM's records. The proposed well unit is covered by Federal Lease NM 19423, and the offsetting well unit in the E½SE¼ of Section 22 is covered by Federal Lease NM 94840. The interest owners in each well unit, as to the Delaware formation, are the United States (RI), Chevron U.S.A. Inc. (ORRI), and Cimarex Energy Co. (WI). Because the interest owners are the same in each well unit, notice of

this application has not been sent to any offset interest owners. In addition, the offsetting well unit has a producing well on it. **Exhibit D.**

Please call me if you have any questions concerning this application.

Very truly yours,



James Bruce

Attorney for Cimarex Energy Co. of Colorado

DISTRICT I
1025 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 and Natural Resources Department

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

CI AMENDED REPORT

API Number	Pool Code 96720	Pool Name Cottonwood Draw; Delaware, North
Property Code	Property Name COTTONWOOD "22" FEDERAL	Well Number 3
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3332'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	22	25 S	26 E		530	NORTH	360	EAST	EDDY

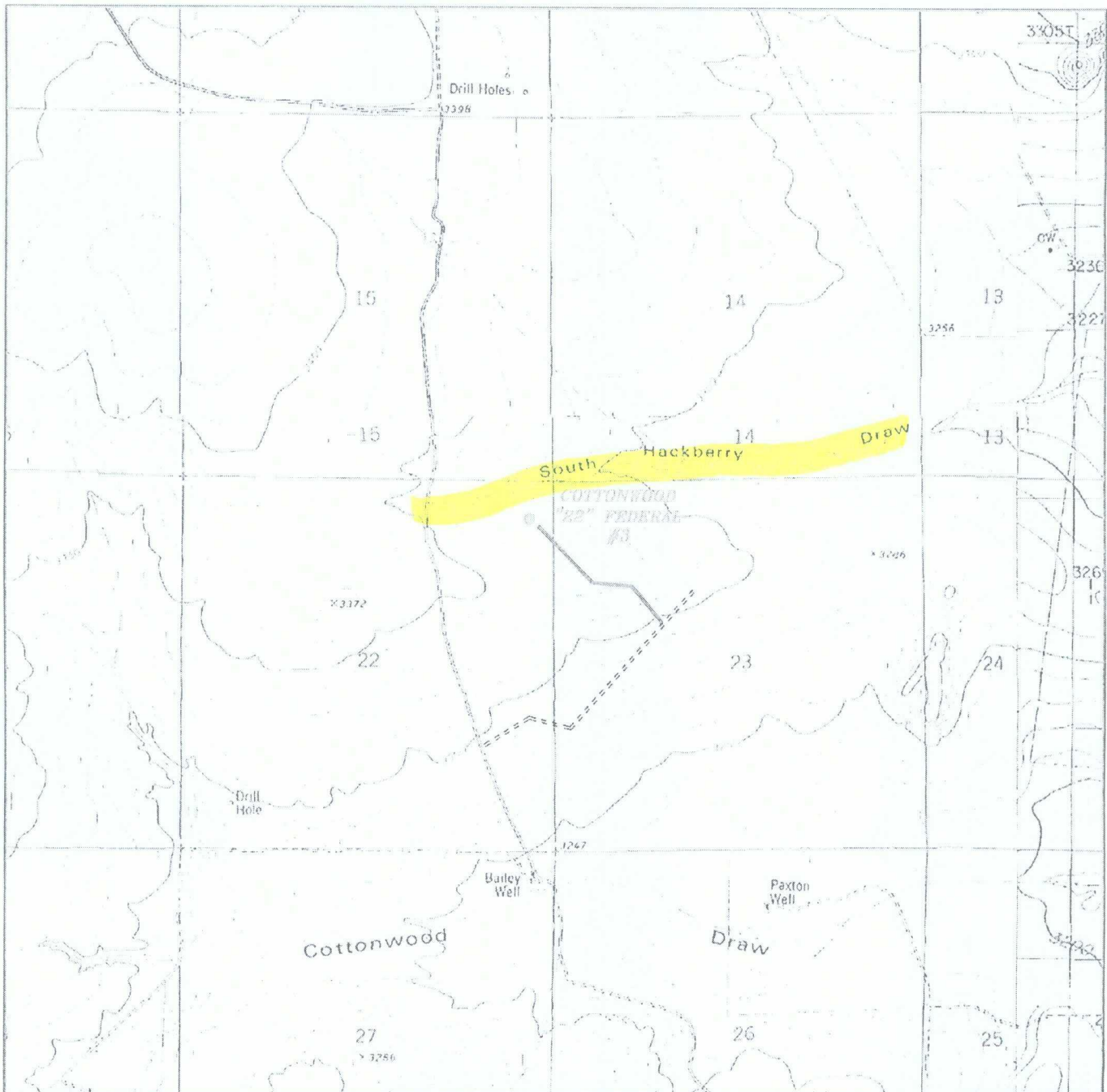
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	22	25 S	26 E		2530	NORTH	380	EAST	EDDY

Dedicated Acres 80	Joint or Infill	Consolidation Code	Order No. NSL Pending
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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

EXHIBIT A	<i>Draw</i> Cottonwood 22 Fed 3 SHL & P. P. 530 FNL & 360 FEL BHL 2530 FNL & 380 FEL	SURFACE LOCATION Lot - N 32°07'15.84" Long - W 104°16'23.70" NMSPC - E 559962.306 (HAG-83)	3328.8 3321.3 330 3242.7 3335.3 2530 2000.0 380	OPERATOR CERTIFICATION 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 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>Zeno Farris</i> 9/15/2009 Signature Date Zeno Farris Printed Name
	<i>Draw</i> Cottonwood 22 Fed 2 SHL 2310 FSL & 380 FEL BHL 339 FSL & 531 FEL	BOTTOM HOLE LOCATION Lot - N 32°06'56.18" Long - W 104°16'23.59" NMSPC - E 559949.018 (HAG-83)	NM-26105 NM-94839	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 belief. SEPTEMBER 19 2009 Date Surveyed Signature & Seal of Professional Surveyor W. L. Jones Certificate No. Gary L. Jones 7977 DASIN SURVEYS



COTTONWOOD "22" FEDERAL #3
 Located 530' FNL and 360' FEL
 Section 22, Township 25 South, Range 26 East,
 N.M.P.M., Eddy County, New Mexico.



P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7316 -- Office
 (575) 392-2206 -- Fax
 basin-surveys.com

W.O. Number: JMS 21719

Survey Date: 09-09-2009

Scale: 1" = 2000'

Date: 09-10-2009

CIMAREX
 ENERGY CO.
 OF COLORADO

EXHIBIT **B**



COTTONWOOD "22" FEDERAL #3
 Located 480' FNL and 360' FEL
 Section 22, Township 25 South, Range 26 East,
 N.M.P.M., Eddy County, New Mexico.



focused on excellence
 in the oilfield

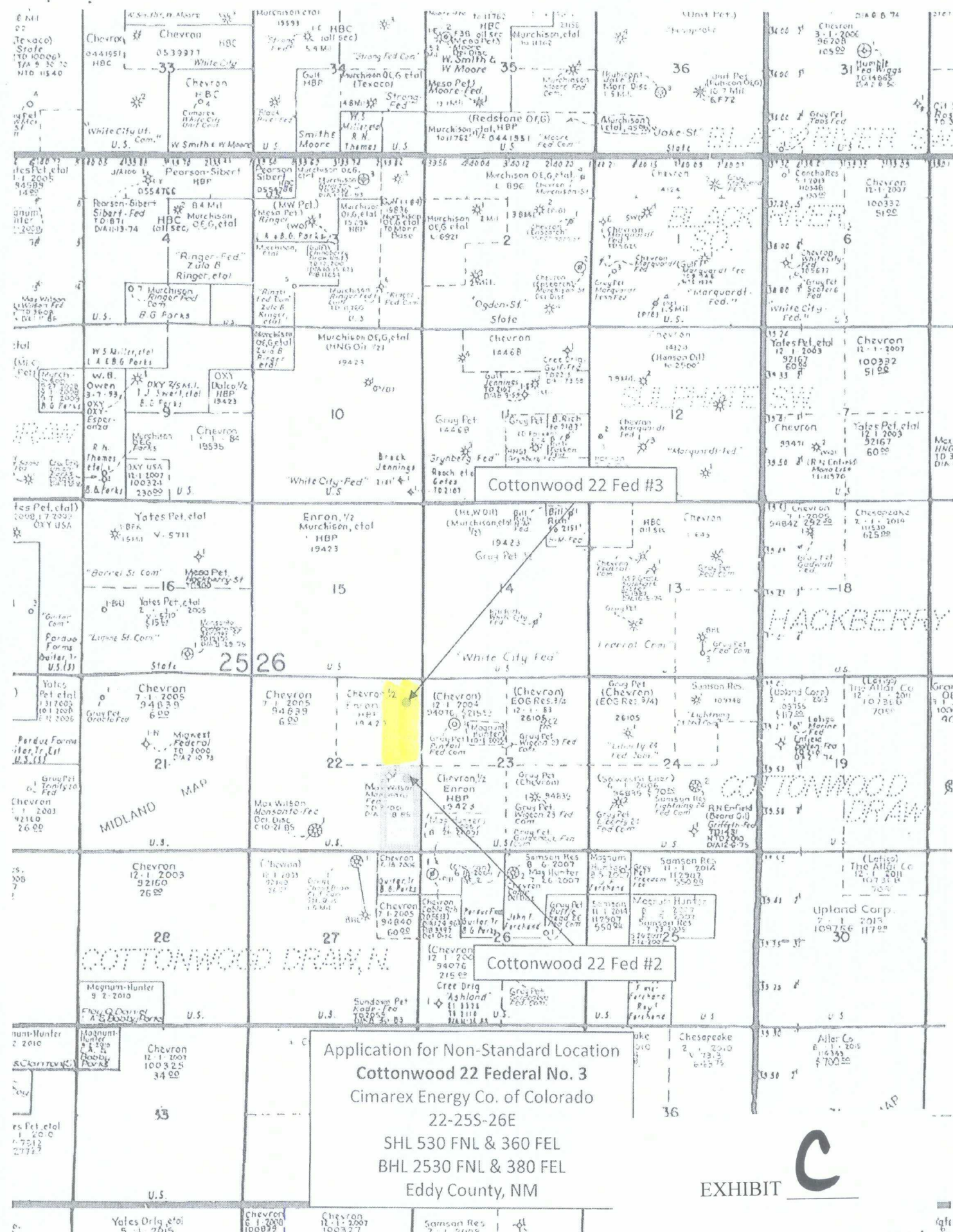
P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7316 - Office
 (575) 392-2206 - Fax
 basin-surveys.com

W.O. Number: JMS 21542

Scale: 1" = 2000'

YELLOW TINT - USA LAND
 BLUE TINT - STATE LAND
 NATURAL COLOR - FEE LAND

CIMAREX
 ENERGY CO.
 OF COLORADO



Application for Non-Standard Location
Cottonwood 22 Federal No. 3
Cimarex Energy Co. of Colorado
22-25S-26E
SHL 530 FNL & 360 FEL
BHL 2530 FNL & 380 FEL
Eddy County, NM

EXHIBIT C

**DEPARTMENT OF THE INTERIOR
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01 02-25-1920;041STAT0437;30USC181ETSEQ
Case Type 311211: O&G LSE SIMO PUBLIC LAND
Commodity 459: OIL & GAS L
Case Disposition: AUTHORIZED

Total Acres
2,560.000

Serial Number
NMNM-- - 019423

Serial Number: NMNM-- - 019423

Name & Address			Serial Number: NMNM-- - 019423		Int Rel % Interest
CHEVRON USA	10 DESTA DR #79705	MIDLAND TX 79701	OPERATING RIGHTS		0.000000000
CHEVRON USA PROD CO	PO BOX 1635	HOUSTON TX 772511635	OPERATING RIGHTS		0.000000000
CIMAREX ENERGY CO	508 W WALL ST #600	MIDLAND TX 79701	OPERATING RIGHTS		0.000000000
CIMAREX ENERGY CO	600 N MARIENFELD ST STE 600	MIDLAND TX 797014405	OPERATING RIGHTS		0.000000000
ENSERCH EXPL INC	6688 N CENTRAL EXPY	DALLAS TX 752063922	OPERATING RIGHTS		0.000000000
EOG RESOURCES INC	333 CLAY ST #4200	HOUSTON TX 77002	LESSEE		0.000000000
MAGNUM HUNTER PRODUCTION INC	5215 N O'CONNER BLVD #1500	IRVING TX 750393764	OPERATING RIGHTS		0.000000000
MURCHISON OIL & GAS INC	1445 ROSS AVE #5300	DALLAS TX 752022883	LESSEE		0.000000000
PENROC OIL CORP	PO BOX 2769	HOBBS NM 88241	OPERATING RIGHTS		0.000000000
POGO PRODUCING CO	PO BOX 2504	HOUSTON TX 772522504	LESSEE		0.000000000
RICH BILL	2509 WESTERN WAY	CARLSBAD NM 88220	OPERATING RIGHTS		0.000000000
RICH PATSY	5103 OLD CAVERN RD	CARLSBAD NM 88220	OPERATING RIGHTS		0.000000000
RODEN WF	PO BOX 10909	MIDLAND TX 79702	OPERATING RIGHTS		0.000000000

Serial Number: NMNM-- - 019423

Mer Twp Rng Sec	STyp SNr Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23 0250S 0260E 009	ALIQ	SENE;	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT
23 0250S 0260E 010	ALIQ	E2,E2NW,SWNW,SW;	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT
23 0250S 0260E 014	ALL	ALL;	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT
23 0250S 0260E 015	ALL	ENTIRE SECTION	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT
23 0250S 0260E 022	ALIQ	NE;	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT
23 0250S 0260E 023	ALIQ	SW;	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT
23 0250S 0260E 034	ALIQ	N2;	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 019423

Act Date	Code	Action	Action Remarks	Pending Office
08/26/1973	387	CASE ESTABLISHED	SPAR64;	
08/27/1973	888	DRAWING HELD		
10/01/1973	140	ASGN FILED	LACHANCE/CENTRAL SW	
10/01/1973	140	ASGN FILED	LACHANCE/CTL SW	
10/05/1973	237	LEASE ISSUED		
10/24/1973	139	ASGN APPROVED	EFF 11/01/1973;	
11/01/1973	496	FUND CODE	05;145003	
11/01/1973	530	RLTY RATE - 12 1/2%		
11/01/1973	868	EFFECTIVE DATE		
01/25/1974	140	ASGN FILED	CTL SW OIL/CHALFANT	
01/31/1974	140	ASGN FILED	LACHANCE/CTL SW CORR	
03/04/1974	139	ASGN APPROVED	01EFF 02/01/1974;	
03/04/1974	139	ASGN APPROVED	EFF 02/01/1974;	
05/08/1974	140	ASGN FILED	CHALFANT/HNG OIL	
11/18/1974	139	ASGN APPROVED	EFF 06/01/1974;	
08/18/1975	140	ASGN FILED	CTL SW OIL/CHALFANT	
08/21/1975	140	ASGN FILED	CHALFANT/MESA PETRO	
08/25/1975	139	ASGN APPROVED	01EFF 09/01/1975;	
08/25/1975	139	ASGN APPROVED	02EFF 09/01/1975;	

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08/26/1975	140	ASGN FILED	CTRL SW/DALCO OIL
03/19/1976	139	ASGN APPROVED	03EFF 09/01/1975;
12/01/1976	650	HELD BY PROD - ACTUAL	
01/25/1977	102	NOTICE SENT-PROD STATUS	
10/21/1977	817	MERGER RECOGNIZED	DALCO OIL/SABINE PROD
10/21/1977	817	MERGER RECOGNIZED	PLANET OIL/DALCO OIL
12/11/1978	932	TRF OPER RGTS FILED	D FORD/HANSON OIL
12/11/1978	932	TRF OPER RGTS FILED	FORD/HANSON OIL
02/21/1979	246	LEASE COMMITTED TO CA	SRM 1350 EFF 01/09/79
03/03/1979	932	TRF OPER RGTS FILED	HNG OIL/MESA PETRO
10/01/1979	140	ASGN FILED	SABINE/POGO PROD
10/10/1979	957	TRF OPER RGTS DENIED	D FORD/HANSON OIL
01/21/1980	139	ASGN APPROVED	EFF 11/01/1979;
07/31/1980	932	TRF OPER RGTS FILED	HNG OIL/RODEN
03/28/1983	933	TRF OPER RGTS APPROVED	EFF 04/01/79;
03/29/1983	933	TRF OPER RGTS APPROVED	EFF 08/01/80;
09/12/1983	933	TRF OPER RGTS APPROVED	EFF 01/01/79;
12/19/1983	932	TRF OPER RGTS FILED	HANSON OIL/H&W OIL
01/09/1984	933	TRF OPER RGTS APPROVED	EFF 01/01/84;
10/02/1984	963	CASE MICROFILMED	CNUM 101,478 AC
03/31/1986	140	ASGN FILED	MESA PETRO/MESA OPER
03/31/1986	932	TRF OPER RGTS FILED	MESA PETRO/MESA OPER
06/13/1986	139	ASGN APPROVED	EFF 04/01/86;
06/13/1986	933	TRF OPER RGTS APPROVED	EFF 04/01/86;
09/21/1987	817	MERGER RECOGNIZED	BELCO DEV/ENRON OG
09/21/1987	817	MERGER RECOGNIZED	BELNORTH ENE/ENRON OG
09/21/1987	817	MERGER RECOGNIZED	BELNORTH PETRO/ENRON
09/21/1987	817	MERGER RECOGNIZED	HNG OIL/ENRON OG
06/30/1988	974	AUTOMATED RECORD VERIF	JA/LO
09/18/1989	140	ASGN FILED	MESA OPER/MURCHISON
09/18/1989	932	TRF OPER RGTS FILED	MESA OPER/MURCHISON
10/12/1989	139	ASGN APPROVED	EFF 10/01/89;
10/12/1989	933	TRF OPER RGTS APPROVED	EFF 10/01/89;
10/12/1989	974	AUTOMATED RECORD VERIF	MCS/MT
12/19/1989	909	BOND ACCEPTED	EFF 01/05/90;NMI687
07/30/1990	932	TRF OPER RGTS FILED	H & W OIL/BILL RICH
07/31/1990	909	BOND ACCEPTED	EFF 07/30/90;NMI788
07/31/1990	974	AUTOMATED RECORD VERIF	MRR/ML
09/10/1990	933	TRF OPER RGTS APPROVED	EFF 08/01/90;
09/10/1990	974	AUTOMATED RECORD VERIF	TF/MT
12/10/1990	932	TRF OPER RGTS FILED	ENRON O&G/W F RODEN
12/14/1990	933	TRF OPER RGTS APPROVED	EFF 01/01/91;
12/14/1990	974	AUTOMATED RECORD VERIF	HKG/MT
01/07/1991	932	TRF OPER RGTS FILED	RODEN/PETER PAUL PETR
03/18/1991	933	TRF OPER RGTS APPROVED	EFF 02/01/91;
03/18/1991	974	AUTOMATED RECORD VERIF	GLC/MT
12/23/1991	140	ASGN FILED	PETER PAUL PETR/POSSE
04/30/1992	269	ASGN DENIED	PETER PAUL PETR/POSSE
04/30/1992	974	AUTOMATED RECORD VERIF	TF/JS
05/15/1992	932	TRF OPER RGTS FILED	ENRON/MATADOR
05/28/1992	933	TRF OPER RGTS APPROVED	EFF 06/01/92;
05/28/1992	974	AUTOMATED RECORD VERIF	HKG/JS
10/01/1992	621	RLTY RED-STRIPPER WELL	1.3% /1/

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07/22/1993	625	RLTY REDUCTION APPV	/1/
08/30/1993	932	TRF OPER RGTS FILED	PETER PAUL PET/POSSE
10/21/1993	933	TRF OPER RGTS APPROVED	EFF 09/01/93;
10/21/1993	974	AUTOMATED RECORD VERIF	JLV/KRP
11/03/1993	974	AUTOMATED RECORD VERIF	ANN
05/31/1994	899	TRF OF ORR FILED	
02/03/1995	932	TRF OPER RGTS FILED	MURCHISON OG/RICH B
04/11/1995	933	TRF OPER RGTS APPROVED	EFF 03/01/95;
04/11/1995	974	AUTOMATED RECORD VERIF	BCO
04/20/1995	974	AUTOMATED RECORD VERIF	SSP
05/17/1995	575	APD FILED	DALEN RES OIL & GAS
08/28/1995	932	TRF OPER RGTS FILED	POSSE PETRO/DALEN RES
09/05/1995	899	TRF OF ORR FILED	(1)
09/05/1995	899	TRF OF ORR FILED	(2)
09/27/1995	933	TRF OPER RGTS APPROVED	EFF 09/01/95;
09/27/1995	974	AUTOMATED RECORD VERIF	MV/MV
12/19/1995	817	MERGER RECOGNIZED	DALEN RES/ENSERCH EXP
02/03/1997	817	MERGER RECOGNIZED	POSSE PETRO LTD/POSSE
03/21/1997	974	AUTOMATED RECORD VERIF	RAYO/RAYO
04/08/1997	932	TRF OPER RGTS FILED	POSSE/CHEVRON
05/14/1997	933	TRF OPER RGTS APPROVED	EFF 05/01/97;
05/14/1997	974	AUTOMATED RECORD VERIF	MV/MV
05/30/1997	575	APD FILED	
06/25/1997	576	APD APPROVED	#3H WHITE CITY FED 14
07/07/1997	932	TRF OPER RGTS FILED	ENSERCH/CHEVRON
08/13/1997	933	TRF OPER RGTS APPROVED	EFF 08/01/97;
08/13/1997	974	AUTOMATED RECORD VERIF	ANN
10/15/1997	932	TRF OPER RGTS FILED	POGO/CHEVRON
11/07/1997	933	TRF OPER RGTS APPROVED	EFF 11/01/97;
11/07/1997	974	AUTOMATED RECORD VERIF	ANN
11/14/1997	817	MERGER RECOGNIZED	ENSERCH/LONE STAR
11/14/1997	940	NAME CHANGE RECOGNIZED	LONE STAR/ENSERCH
11/19/1997	932	TRF OPER RGTS FILED	ENRON/CHEVRON
11/24/1997	817	MERGER RECOGNIZED	ENSERCH/LONE STAR
11/24/1997	940	NAME CHANGE RECOGNIZED	LONE STAR/ENSERCH
12/10/1997	933	TRF OPER RGTS APPROVED	EFF 12/01/97;
12/10/1997	974	AUTOMATED RECORD VERIF	JLV
12/19/1997	974	AUTOMATED RECORD VERIF	RAYO/CEV
08/30/1999	817	MERGER RECOGNIZED	EOG RES/ENRON O&G CO
08/30/1999	940	NAME CHANGE RECOGNIZED	ENRON O&G CO/EOG RES
05/11/2001	246	LEASE COMMITTED TO CA	NMNM107692;
05/11/2001	660	MEMO OF 1ST PROD-ALLOC	/2/
06/04/2001	377	BOND TERMINATION RQSTD	NM1788;RICH
06/12/2001	463	BOND TERMINATION DENIED	NM1788;TWO WELLS
06/12/2001	974	AUTOMATED RECORD VERIF	MCS
08/29/2002	643	PRODUCTION DETERMINATION	/2/ NMNM107692
05/21/2003	377	BOND TERMINATION RQSTD	NM1788;RICH
05/28/2003	463	BOND TERMINATION DENIED	NM1788;TWO WELLS
05/28/2003	974	AUTOMATED RECORD VERIF	MCS
09/02/2003	817	MERGER RECOGNIZED	MATADOR/TOM BROWN INC
10/15/2004	932	TRF OPER RGTS FILED	TOM BROWN/MAGNUM HUNT
10/26/2004	932	TRF OPER RGTS FILED	POSSE ENE/CHEVRON USA
11/18/2004	933	TRF OPER RGTS APPROVED	EFF 11/01/04;

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11/18/2004	974	AUTOMATED RECORD VERIF	MV
12/06/2004	933	TRF OPER RGTS APPROVED	EFF 11/01/04;
12/06/2004	974	AUTOMATED RECORD VERIF	ANN
12/19/2005	932	TRF OPER RGTS FILED	CHEVRON U/PENROC OI;1
01/26/2006	933	TRF OPER RGTS APPROVED	EFF 01/01/06;
01/26/2006	974	AUTOMATED RECORD VERIF	MV
10/09/2007	932	TRF OPER RGTS FILED	EOG RESOU/MAGNUM HU;1
12/06/2007	933	TRF OPER RGTS APPROVED	EFF 11/01/07;
12/06/2007	974	AUTOMATED RECORD VERIF	ANN
02/13/2008	899	TRF OF ORR FILED	1
11/21/2008	932	TRF OPER RGTS FILED	CHEVRON U/CIMAREX E;1
01/13/2009	933	TRF OPER RGTS APPROVED	EFF 12/01/08;
01/13/2009	974	AUTOMATED RECORD VERIF	LR

Line Nr Remarks

Serial Number: NMNM-- - 019423

0002	BONDED OPERATOR(S)	
0003	11/07/1997 - MATADOR OPER CO NM1687 S/W	
0004	CURRENT RECORD TITLE OWNERS	
0005	SEC 9: SENE; SEC 10: E2,E2W2,SWNW,W2SW;	
0006	SEC 14: ALL; SEC 15:ALL	
0007	MURCHISON OIL & GAS INC	50.00000
0008	EOG RES INC	50.00000
0009	-	
0010	SEC 22: NE; SEC 23: SW; SEC 34: N2	
0011	POGO PRODUCING CO	50.00000
0012	EOG RES INC	50.00000
0013	01/26/06 EOG BONDED LESSEE WYB000238	
0014	OPERATOR BONDED - 12/06/2007	
0015	CIMARES ENERGY CO OF COLORADO - NM2575 - S/W;	
0016	01/13/2009 - BONDED TRANSFEREE - PER ABSS	
0017	CIMAREX ENERGY CO OF COLORADO - NM2575 - S/W;	
0018	01/13/2009 - BONDED LESSEE - PER ABSS	
0019	EOG RESOURCES INC - NM2308 - N/W;	

**DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(MASS) Serial Register Page**

RunDate/Time: 09/18/09 02:43 PM

Page 1 of 1

01 12-22-1987;101STAT1330;30USC181 ET SE
Case Type 312021: O&G LSE COMP PD -1987
Commodity 459: OIL & GAS L
Case Disposition: AUTHORIZED

Total Acres
1,480.000

Serial Number
NMNM-- - 094839

Name & Address

Serial Number: NMNM-- - 094839

Name & Address	Int Rel	% Interest
CHEVRON USA PROD CO PO BOX 1635 HOUSTON TX 772511635	LESSEE	100.000000000

Serial Number: NMNM-- - 094839

Mer Twp Rng Sec	STyp SNr Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23 0250S 0260E 021	ALL	ENTIRE SECTION	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT
23 0250S 0260E 022	ALIQ	NW,S2;	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT
23 0250S 0260E 023	ALIQ	SE;	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT
23 0250S 0260E 026	ALIQ	SENE,SE;	CARLSBAD FO	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- - 094839

Act Date	Code	Action	Action Remarks	Pending Office
04/18/1995	387	CASE ESTABLISHED	#020;	
04/19/1995	191	SALE HELD		
04/19/1995	267	BID RECEIVED	\$11840.00;	
04/19/1995	392	MONIES RECEIVED	\$11840.00;	
05/03/1995	974	AUTOMATED RECORD VERIF		JLR
06/05/1995	237	LEASE ISSUED		
06/05/1995	974	AUTOMATED RECORD VERIF	GSB	
06/12/1995	600	RECORDS NOTED		
06/13/1995	084	RENTAL RECEIVED BY MMS	\$2220.00;21/MULTIPLE	
06/29/1995	963	CASE MICROFILMED		PAR
07/01/1995	496	FUND CODE	05;145003	
07/01/1995	530	RLTY RATE - 12 1/2%		
07/01/1995	868	EFFECTIVE DATE		
03/27/1996	974	AUTOMATED RECORD VERIF	BTM	
06/11/1996	084	RENTAL RECEIVED BY MMS	\$2220.00;21/000045006	
06/09/1997	084	RENTAL RECEIVED BY MMS	\$2220.00;21/000000008	
06/09/1998	084	RENTAL RECEIVED BY MMS	\$2220.00;21/000045010	
06/14/1999	084	RENTAL RECEIVED BY MMS	\$2,220.00;21/00004501	
06/12/2000	084	RENTAL RECEIVED BY MMS	\$2960;21/450147	
06/11/2001	084	RENTAL RECEIVED BY MMS	\$2960;21/186	
01/01/2004	246	LEASE COMMITTED TO CA	NMNM113988;	
02/09/2005	650	HELD BY PROD - ACTUAL	NMNM113988;	
02/09/2005	658	MEMO OF 1ST PROD-ACTUAL	/1/	
08/09/2005	643	PRODUCTION DETERMINATION	/1/NMNM113988	

Line Nr Remarks

Serial Number: NMNM-- - 094839

NO WARRANTY IS MADE BY BLM
FOR USE OF THE DATA FOR
PURPOSES NOT INTENDED BY BLM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CONFIDENTIALITY REQUESTED
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other

Operator
Ex Energy Co. of Colorado

Address
N. O'Connor Blvd ste. 1500 Irving Tx 75039

3a. Phone No. (include area code)
972-443-6489

Location of Well (Report Location clearly and in accordance with Federal requirements)*

Face 2310 FSL & 380 FEL

prod. interval reported below 2310 FSL & 380 FEL

Depth 339 FSL & 531 FEL

pudded 04.08
15. Date T.D. Reached 11.19.08

16. Date Completed 12.13.08
☐ D & A ☒ Ready to Prod.

Depth: MD 4,904'
19. Plug Back TD: MD 4,904'
Total 3580' TVD 3,015'
Pilot Hole 3580' TVD 3,015'

20. Depth Bridge Plug Set: MD
TVD

Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey ☐ No ☒ Yes (Submit copy)

IR, LLAGR, TDLD

3 and Liner Record (Report all strings set in well)

Size/Grade	Wt. (#/ft)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
8 3/4" J-55	24	0'	420'		350 sx class C		0'	
5 1/2" P-110	17	0'	2,770'		1075 sx POZ/C		0'	
2 3/8" fiberglass		2,770'	3,559'					
2 3/8" L-80	6.5	2,655'	4,705'		no cement			

g Record

Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2,604'	2,647'	5 1/2" X 2 7/8"					

cing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
Cherry Canyon	2,832'	3,580'	no perms...iso-pack strata-port			

Fracture, Treatment, Cement Squeeze, etc.

Interval	Amount and Type of Mat
please see attachment for 5-stage frac job details	

ction - Interval A -

Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
01.16.09	24	→	164	201	238	40	but 1.0	Pumping
Tbg. Press.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
Flwg 165		→	164	201	238	1,226	Producing	
SI	0	→						

ction - Interval B -

Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
		→						
Tbg. Press.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
Flwg.		→						
SI		→						

structions and spaces for additional data on page 2)

EXHIBIT P

ACCEPTED FOR RECORD

MAR 29 2009

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

DISTRICT I

1820 N. French Dr., Hobbs, NM 88240

DISTRICT II

1391 W. Grand Avenue, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

1820 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

ENTERED

11/19/08

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

REVISED Copy

API Number 30-015-36757	Pool Code 96697	Pool Name Cottonwood Draw, Delaware
Property Code	Property Name COTTONWOOD DRAW "22" FEDERAL	Well Number 2
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3303'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	22	25 S	26 E		2310	SOUTH	380	EAST	EDDY

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
P	22	25 S	26 E		330	SOUTH	530	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
80			

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

SHL 2310 FSL & 380 FEL P.P. 2310 FSL & 380 FEL BHL 330 FSL & 530 FEL		SURFACE LOCATION Lat - N32°08'51.82" Long - W104°16'23.57" NMSPCE - N 405337.9 E 559950.8 (NAD-83)		OPERATOR CERTIFICATION 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 undivided mineral interest in the land including the proposed bottom hole 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. <u>Zeno Farris</u> 11-18-08 Signature Date <u>Zeno Farris</u> Printed Name	
		BOTTOM HOLE LOCATION Lat - N32°06'32.24" Long - W104°16'25.25" NMSPCE - N 403379.528 E 559807.428 (NAD-83)		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 belief. JUNE 17, 2008 Date Surveyed Signature <u>Gary L. Jones</u> Professional Seal Certificate No. <u>Gary L. Jones 7977</u> BASIN SURVEYS	