

DATE IN 7-9-12	SUSPENSE 7-30-12	ENGINEER DB	LOGGED IN 07109112	TYPE NSL	APP NO. 8501219157943
----------------	------------------	-------------	--------------------	----------	-----------------------

ABOVE THIS LINE FOR DIVISION USE ONLY

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



COG
Hawk 4 Fed #5

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 _____

OGRID 229137
 Well Name Hawk 4 Fed #5
 located P-4-185-27E
 227' FSL
 907' FEL

RECEIVED OGD
JUL 11 2012

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

INTEREST ARE THE SAME

- [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.

Kelly J. Holly
 Print or Type Name

Signature

Permitting Tech
 Title

7-6-12
 Date

**Hawk 4 Federal #5
Eddy County, NM**

COG proposes to drill a **VERTICAL** SE/4 SE/4, 40 acre spacing
Red Lake; Glorieta Yeso, Northeast oil well
TD of approximately 4700'

Location:

227' FSL & 907' FEL Sec 4, T18S, R27E, Unit P

**This well had to be drilled at a non-standard location due to buried
pipelines and electrical lines too close to original location.**

The plan for this well is to complete it in the Yeso formation.
We won't know the exact perms until we drill & log it, but it will be very similar to
the Kool Aid State #3 (2160' FNL & 2310' FEL, Section 24, T17S, R28E, UL G)
which was completed in March 2009.

The Kool Aid State #3 completion has Yeso perms from 4280' – 5070', divided into
3 perf/stimulation intervals.

1st interval: 4280' – 4480',
acidized w/ 2500 gals,
frac w/ 111,450 gal Slvr Stm gel, 140,141# White, & 33,172# CRC.

2nd interval: 4590' – 4790',
acidized w/ 2500 gals,
frac w/ 112,168 gal Slvr Stm gel, 132,583# White, & 34,283# CRC.

3rd interval: 4870' – 5070',
acidized w/ 2500 gals,
frac w/ 115,495 gal Slvr Stm gel, 143,285# White, & 36,640# CRC.

Attachment 1

Plat & map

Attachment 2

Map & legend of offset wells.

Attachment 3

Updated land plat showing COG Operating LLC acreage.

The acreage we are encroaching on is the NE/4 NE/4 & NW/4 NE/4 of Section 9.

Offset acreage is owned by Lime Rock Resources & Occidental Permian.
Proof of notification to offset operators is attached.

Interests are the same.

COG Operating LLC respectfully requests permission to have this NSL approved.

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
DISTRICT II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
DISTRICT III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-	Pool Code 96836	Pool Name Red Lake; Glorieta Yeso
Property Code	Property Name HAWK 4 FEDERAL	Well Number 5
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3548'

Surface Location

UL or lot No. P	Section 4	Township 18-S	Range 27-E	Lot Idn	Feet from the 227	North/South line SOUTH	Feet from the 907	East/West line EAST	County 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
Dedicated Acres 40	Joint or Infill	Consolidation Code	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

LOT 4 39.92 AC.	LOT 3 39.37 AC.	LOT 2 37.70 AC.	LOT 1 37.73 AC.
GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=643866.5 N X=517223.4 E LAT.=32.770069° N LONG.=104.277300° W			
DETAIL 3555.4' 3552.6' 600' 3543.4' 3538.8' 227' 907' SEE DETAIL			

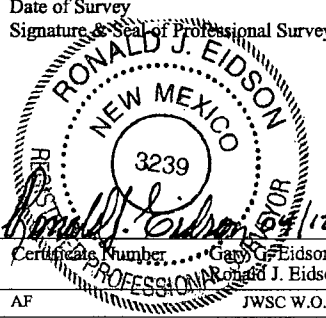
OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

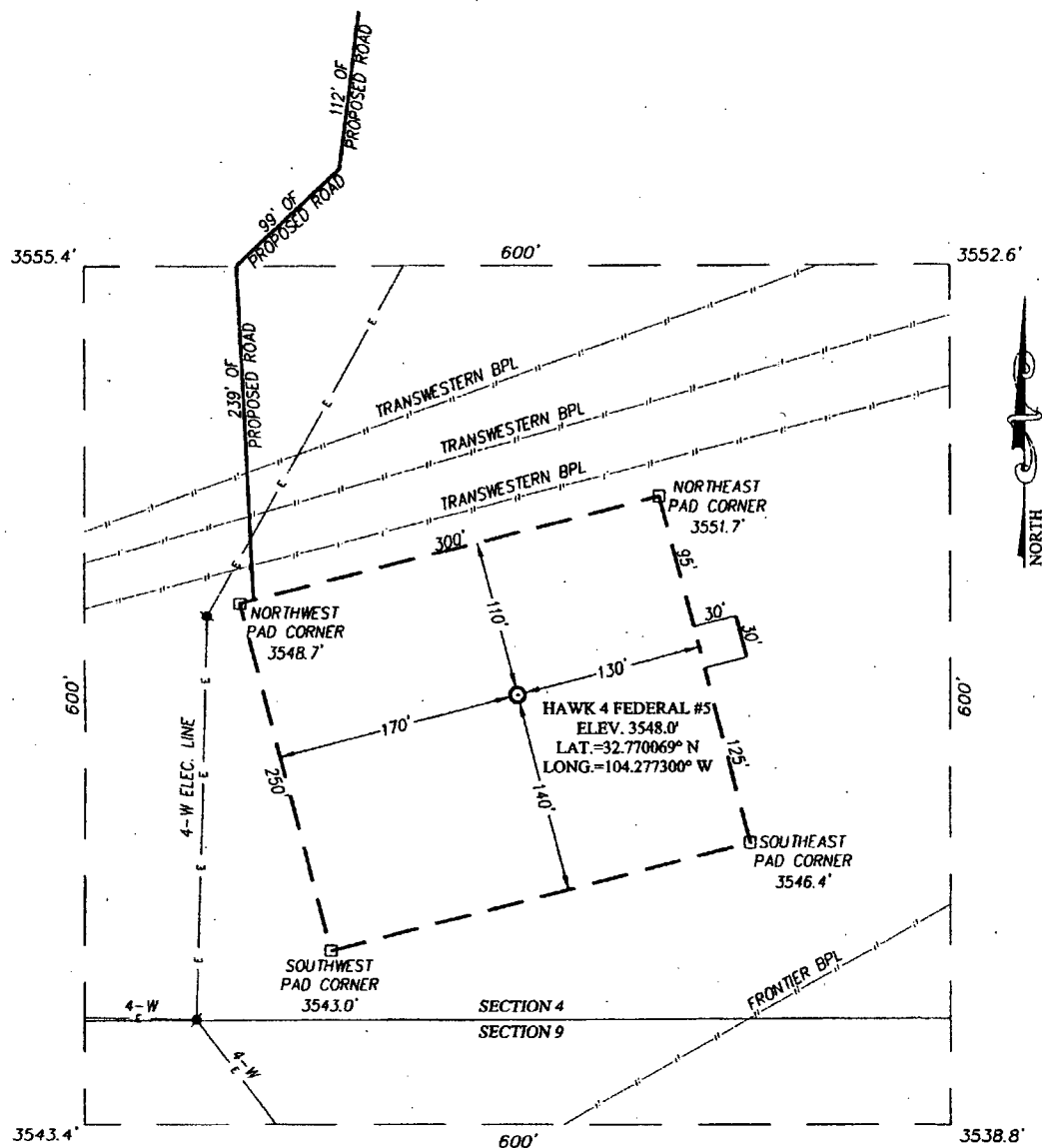
 6-20-12
Signature Date
Kelly J. Holly
Printed Name
kholly@concho.com
E-mail Address

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.

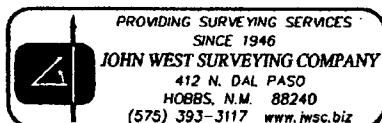
MARCH 26, 2012
Date of Survey
Signature & Seal of Professional Surveyor:

Certificates Number: Gary G. Eidson 12641
Ronald J. Eidson 3239
AF JWSC W.O.: 12.11.0174

SECTION 4, TOWNSHIP 18 SOUTH, RANGE 27 EAST, N.M.P.M.
EDDY COUNTY NEW MEXICO

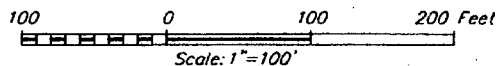


DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF CO. RD. #225 (EMPIRE) AND CO. RD. #227 (LITTLE DIAMOND) GO SOUTHWEST ON CO. RD. #227 APPROX. 1.3 MILES. TURN LEFT AND GO SOUTH APPROX. 0.3 MILES TO A ROAD SURVEY. FOLLOW SURVEY STAKES SOUTH - 450 FEET TO THE LOCATION.



© ABEL\2012\COG OPERATING, LLC\Wells



COG OPERATING, LLC

HAWK 4 FEDERAL #5 WELL
LOCATED 227 FEET FROM THE SOUTH LINE
AND 907 FEET FROM THE WEST LINE OF SECTION 4,
TOWNSHIP 18 SOUTH, RANGE 27 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO

Survey Date: 3/26/12	CAD Date: 4/10/12	Drawn By: AF
W.O. No.: 12110174	Rev.:	Rel. W.O.:
		Sheet 1 of 1

Producing Wells in Sec 4, T18S, R27E, Eddy County

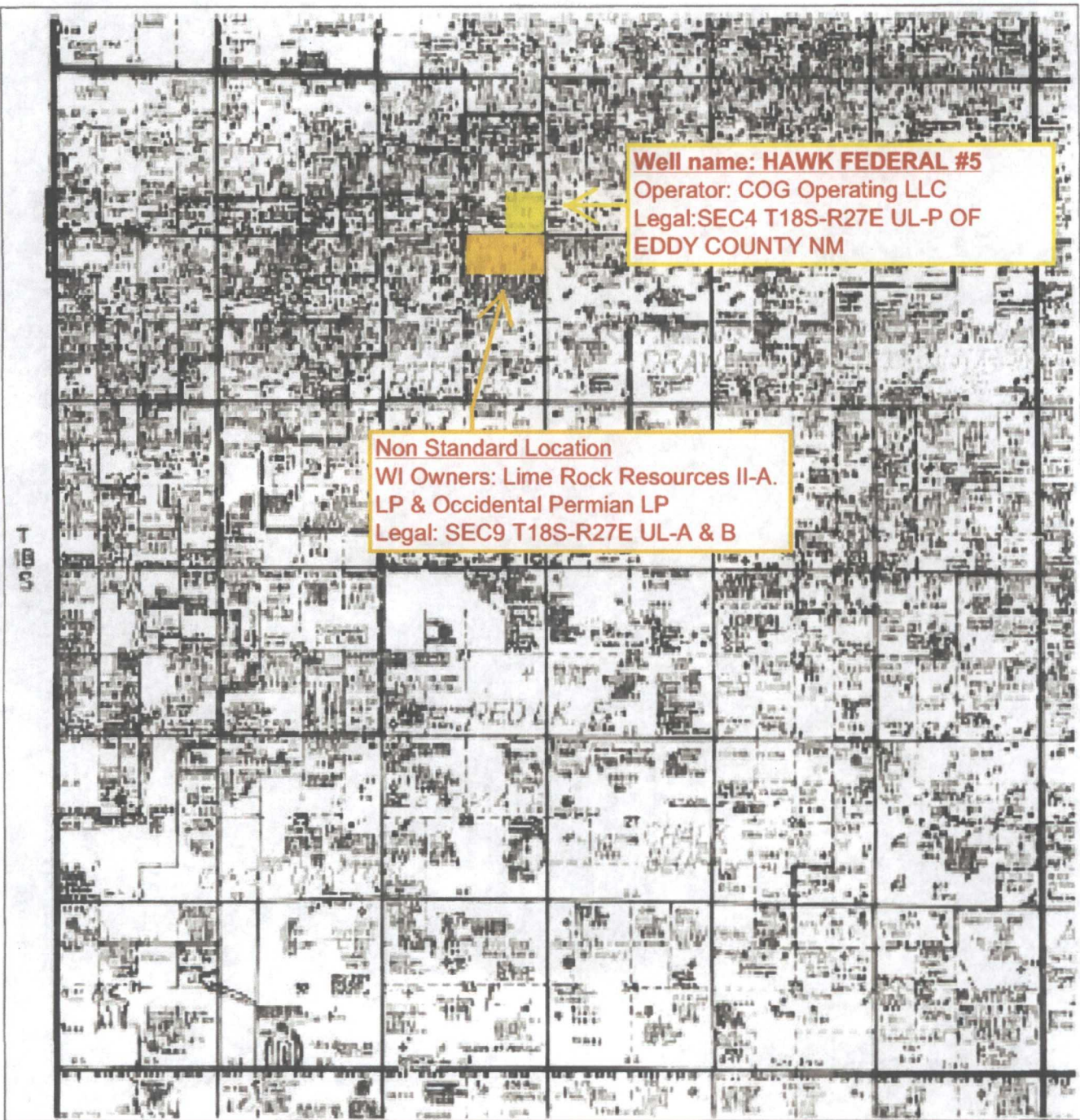
API#	Operator	Lease	Well#	County	Legal	Total Depth	Well Type	Well Status	First Prod.	Last Prod.	Avg. (BO/D)
30-015-00000		FEDERAL BA GAS COM	001	EDDY	S:4, T:18S, R:27E		G	Active	Jan 1982	Nov 1982	0.00
30-015-00769		CHALK BLUFF DRAW UNIT A	006	EDDY	S:4, T:18S, R:27E	0	O	Temporarily Abandoned	Jan 1970	Sep 1973	0.00
30-015-29990	APACHE CORP	WEST RED LAKE 4 FEDERAL	001	EDDY	S:4, T:18S, R:27E	2,350	O	Pumping	Jul 1998	Mar 2012	0.03
30-015-30134	APACHE CORP	WEST RED LAKE 4 FEDERAL	003	EDDY	S:4, T:18S, R:27E	2,320	O	Pumping	Jan 1969	Mar 2012	0.06
30-015-30186	APACHE CORP	WEST RED LAKE 4 FEDERAL	002	EDDY	S:4, T:18S, R:27E	3,350	O	Pumping	Mar 1999	Mar 2012	0.06
30-015-29052	LIME ROCK RESOURCES II-A, L.P.	HONDO FEDERAL	005	EDDY	S:4, T:18S, R:27E	2,450	O	Pumping	Oct 1996	Mar 2012	0.19
30-015-30474	LIME ROCK RESOURCES II-A, L.P.	WINDFOHR 4 FEDERAL	004	EDDY	S:4, T:18S, R:27E	3,645	O	Pumping	May 2001	Mar 2012	0.35
30-015-30234	BP AMERICA PRODUCTION COMPANY	LAGO ROSA 4 FEDERAL	005	EDDY	S:4, T:18S, R:27E	3,800	PO	Pumping	Apr 1999	May 2008	0.39
30-015-30460	LIME ROCK RESOURCES II-A, L.P.	WINDFOHR 4 FEDERAL	007	EDDY	S:4, T:18S, R:27E	3,620	O	Temporarily Abandoned	May 2001	Mar 2012	0.39
30-015-30415	LIME ROCK RESOURCES II-A, L.P.	WINDFOHR 4 FEDERAL	005	EDDY	S:4, T:18S, R:27E	3,620	O	Pumping	Jun 2001	Mar 2012	0.42
30-015-10438	LIME ROCK RESOURCES II-A, L.P.	HONDO B FEDERAL	001	EDDY	S:4, T:18S, R:27E	0	O	Pumping	Jan 1964	Mar 2012	0.48
30-015-30539	DEVON ENERGY CORP (NEVADA)	HONDO FEDERAL	008	EDDY	S:4, T:18S, R:27E	3,400	O	Active	Jan 1973	Mar 1992	0.52
30-015-00771		EMPIRE ABO UNIT J	008J	EDDY	S:4, T:18S, R:27E	0	PO	Temporarily Abandoned	Jan 1970	Mar 1992	0.52
30-015-30415	LIME ROCK RESOURCES II-A, L.P.	WINDFOHR 4 FEDERAL	005	EDDY	S:4, T:18S, R:27E	3,620	O	Pumping	Oct 2001	Mar 2012	0.68
30-015-30474	LIME ROCK RESOURCES II-A, L.P.	WINDFOHR 4 FEDERAL	004	EDDY	S:4, T:18S, R:27E	3,645	O	Pumping	Oct 2001	Mar 2012	0.71
					S:4,						

30-015-00770	LIME ROCK RESOURCES II-A, L.P.	WEST RED LAKE UNIT	029	EDDY	T:18S, R:27E	5,620	PO	Pumping	Jan 1968	Mar 2012	0.81
30-015-29050	LIME ROCK RESOURCES II-A, L.P.	HONDO B FEDERAL	002	EDDY	S:4, T:18S, R:27E	2,450	O	Pumping	Oct 1996	Mar 2012	0.81
30-015-29066	LIME ROCK RESOURCES II-A, L.P.	KITE 4 F FEDERAL	003	EDDY	S:4, T:18S, R:27E	2,400	O	Pumping	Oct 1996	Mar 2012	0.81
30-015-30420	LIME ROCK RESOURCES II-A, L.P.	WINDFOHR 4 FEDERAL	008	EDDY	S:4, T:18S, R:27E	3,630	O	Pumping	Oct 2001	Mar 2012	0.81
30-015-00772	LIME ROCK RESOURCES II-A, L.P.	HONDO FEDERAL	001	EDDY	S:4, T:18S, R:27E	0	PO	Pumping	Jan 1962	Mar 2012	0.84
30-015-30411	LIME ROCK RESOURCES II-A, L.P.	WINDFOHR 4 FEDERAL	002	EDDY	S:4, T:18S, R:27E	3,800	O	Active	Jan 1964	Mar 2012	0.90
30-015-30419	LIME ROCK RESOURCES II-A, L.P.	WINDFOHR 4 FEDERAL	006	EDDY	S:4, T:18S, R:27E	3,800	O	Active	Sep 2001	Mar 2012	1.03
30-015-30467	LIME ROCK RESOURCES II-A, L.P.	WINDFOHR 4 FEDERAL	001	EDDY	S:4, T:18S, R:27E	3,800	O	Active	Nov 2000	Mar 2012	1.23
30-015-00767	DEVON ENERGY PRODUCTION COMPANY, LP	WEST RED LAKE UNIT	030	EDDY	S:4, T:18S, R:27E	0	PO	Active	Jan 1968	Sep 1968	1.30
30-015-29065	LIME ROCK RESOURCES II-A, L.P.	HONDO FEDERAL	003	EDDY	S:4, T:18S, R:27E	2,500	O	Pumping	Nov 1996	Mar 2012	1.52
30-015-30468	LIME ROCK RESOURCES II-A, L.P.	WINDFOHR 4 FEDERAL	003	EDDY	S:4, T:18S, R:27E	3,800	O	Active	Jan 2001	Mar 2012	1.58
30-015-30463	LIME ROCK RESOURCES II-A, L.P.	HONDO FEDERAL	007	EDDY	S:4, T:18S, R:27E	2,500	O	Pumping	Apr 1999	Mar 2012	1.61
30-015-34916	CHI OPERATING INC	OXY WILD BURRO FEDERAL	1	EDDY	S:4, T:18S, R:27E	9,845	G	Active Permit	Jun 2008	Dec 2011	1.61
30-015-30420	LIME ROCK RESOURCES II-A, L.P.	WINDFOHR 4 FEDERAL	008	EDDY	S:4, T:18S, R:27E	3,630	O	Pumping	May 2001	Mar 2012	1.71
30-015-30460	LIME ROCK RESOURCES II-A, L.P.	WINDFOHR 4 FEDERAL	007	EDDY	S:4, T:18S, R:27E	3,620	O	Temporarily Abandoned	Dec 2001	Mar 2012	1.74
30-015-23542	THREE RIVERS OPERATING COMPANY LLC	FEDERAL BA COM	001	EDDY	S:4, T:18S, R:27E	9,800	PO	Pumping	Jan 1993	Mar 2012	1.84
30-015-00000	SOLT, WALTER	NEW ST. B	'11-12	EDDY	S:4, T:18S, R:27E		O	Active	Jan 1947	Dec 1955	1.84
					S:4,						

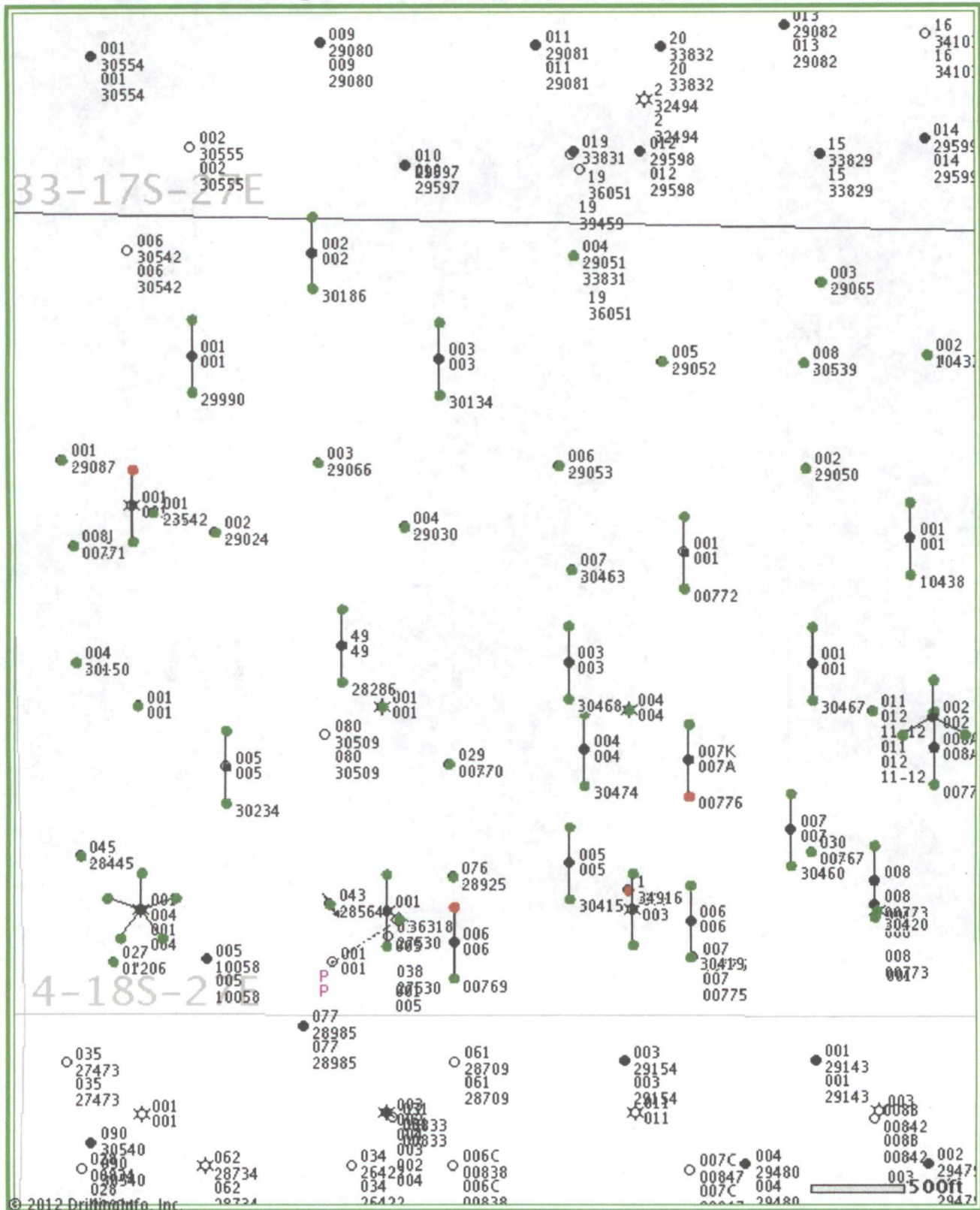
30-015-00000		EMPIRE ABO UNIT L	003	EDDY	T:18S, R:27E		G	Active	Jan 1960	Jan 1989	1.90
30-015-28286	DEVON ENERGY PRODUCTION COMPANY, LP	WEST RED LAKE UNIT	49	EDDY	S:4, T:18S, R:27E	3,500	O	Pumping	May 1995	Feb 2003	2.00
30-015-30467	LIME ROCK RESOURCES II- A, L.P.	WINDFOHR 4 FEDERAL	001	EDDY	S:4, T:18S, R:27E	3,800	O	Active	Jan 2001	Mar 2012	2.00
30-015-00000	SIMON, JULIAN E.	MANN	004	EDDY	S:4, T:18S, R:27E		O	Active	Jan 1947	Dec 1947	2.00
30-015-30150	APACHE CORP	LAGO ROSA 4 FEDERAL	004	EDDY	S:4, T:18S, R:27E	2,300	O	Pumping	Jul 1998	Mar 2012	2.13
30-015-29051	LIME ROCK RESOURCES II- A, L.P.	HONDO FEDERAL	004	EDDY	S:4, T:18S, R:27E	2,400	O	Pumping	Nov 1996	Mar 2012	2.23
30-015-10437	DEVON ENERGY PRODUCTION COMPANY, LP	HONDO FEDERAL	002	EDDY	S:4, T:18S, R:27E	0	O	Shut-in	Jan 1965	Nov 1999	2.27
30-015-30411	LIME ROCK RESOURCES II- A, L.P.	WINDFOHR 4 FEDERAL	002	EDDY	S:4, T:18S, R:27E	3,800	O	Active	Mar 2001	Mar 2012	2.29
30-015-28445	LIME ROCK RESOURCES II- A, L.P.	WEST RED LAKE UNIT	045	EDDY	S:4, T:18S, R:27E	2,225	O	Pumping	Oct 1995	Mar 2012	2.39
30-015-28925	LIME ROCK RESOURCES II- A, L.P.	WEST RED LAKE UNIT	076	EDDY	S:4, T:18S, R:27E	2,400	O	Pumping	May 1996	Mar 2012	2.39
30-015-30468	LIME ROCK RESOURCES II- A, L.P.	WINDFOHR 4 FEDERAL	003	EDDY	S:4, T:18S, R:27E	3,800	O	Active	Feb 2001	Mar 2012	2.39
30-015-29030	LIME ROCK RESOURCES II- A, L.P.	KITE 4 F FEDERAL	004	EDDY	S:4, T:18S, R:27E	2,400	O	Pumping	Sep 1996	Mar 2012	2.42
30-015-29053	LIME ROCK RESOURCES II- A, L.P.	HONDO FEDERAL	006	EDDY	S:4, T:18S, R:27E	2,450	O	Pumping	Oct 1996	Mar 2012	2.42
30-015-00000	HUDSON WILLIAM M	HUMBLE FED	001	EDDY	S:4, T:18S, R:27E		O	Active	Jan 1960	Dec 1967	2.74
30-015-30419	LIME ROCK RESOURCES II- A, L.P.	WINDFOHR 4 FEDERAL	006	EDDY	S:4, T:18S, R:27E	3,800	O	Active	Feb 2001	Mar 2012	3.26
30-015-00000	SIMON, JULIAN E.	MANN	004	EDDY	S:4, T:18S, R:27E		O	Active	Feb 1948	Dec 1948	3.45
30-015-28286	LIME ROCK RESOURCES II- A, L.P.	HONDO 4 K FEDERAL	49	EDDY	S:4, T:18S, R:27E	3,500	O	Pumping	Nov 2007	Mar 2012	3.68
					S:4,						

30-015-29087	LIME ROCK RESOURCES II-A, L.P.	KITE 4 E FEDERAL	001	EDDY	T:18S, R:27E	2,500	O	Pumping	Oct 1996	Mar 2012	3.74
30-015-29024	LIME ROCK RESOURCES II-A, L.P.	KITE 4 E FEDERAL	002	EDDY	S:4, T:18S, R:27E	2,400	O	Pumping	Sep 1996	Mar 2012	4.03
30-015-00000	TEXAS CONSOLIDATED OILS	MURDOCK	001	EDDY	S:4, T:18S, R:27E		O	Active	Feb 1951	Oct 1951	4.26
30-015-00772	PAN AMERICAN PETROLEUM CORP.	MALCO REF O FED	001	EDDY	S:4, T:18S, R:27E	0	PO	Pumping	Oct 1961	Nov 1961	4.27
30-015-01206	LIME ROCK RESOURCES II-A, L.P.	WEST RED LAKE UNIT	027	EDDY	S:4, T:18S, R:27E	0	PO	Pumping	Jan 1968	Mar 2012	4.84
30-015-10438	PAN AMERICAN PETROLEUM CORP	MALCO L FEDERAL	001	EDDY	S:4, T:18S, R:27E	0	O	Pumping	Apr 1960	Dec 1971	5.71
30-015-30186	BP AMERICA PRODUCTION COMPANY	WEST RED LAKE 4 FEDERAL	002	EDDY	S:4, T:18S, R:27E	3,350	O	Pumping	Jul 1998	Feb 1999	6.68
30-015-00000		FEDERAL EG	001	EDDY	S:4, T:18S, R:27E		G	Active	Dec 1961	Dec 1967	8.61
30-015-00000		FEDERAL BA GAS COM	001	EDDY	S:4, T:18S, R:27E		G	Active	Jan 1983	Dec 1993	8.65
30-015-00000	HUDSON WILLIAM M	MANN A FED	004	EDDY	S:4, T:18S, R:27E		O	Active	Jan 1949	Dec 1963	15.52
30-015-00000	PAN AMERICAN PETROLEUM CORPORATION	SIMON FEDERAL	001	EDDY	S:4, T:18S, R:27E		G	Active	Jan 1965	Dec 1970	16.16
30-015-00000	ATLANTIC RICHFIELD CO.	MANN A FEDERAL	001	EDDY	S:4, T:18S, R:27E		G	Active	Jan 1964	Dec 1967	20.03
30-015-30411	PAN AMERICAN PETROLEUM CORP	WINDFOHR FEDERAL	002	EDDY	S:4, T:18S, R:27E	3,800	O	Active	Sep 1959	Dec 1971	20.94
30-015-00774		EMPIRE ABO UNIT K	008A	EDDY	S:4, T:18S, R:27E	0	O	Temporarily Abandoned	Jan 1970	Sep 1973	26.67
30-015-00000	PAN AMERICAN PETROLEUM CORPORATION	WINDFOHR FEDERAL	004	EDDY	S:4, T:18S, R:27E		G	Active	Nov 1959	Dec 1970	29.26
30-015-00000	HUMBLE OIL AND REFINING CO	CHALK BLUFF DRAW UNIT	005	EDDY	S:4, T:18S, R:27E		G	Active	Apr 1960	Dec 1969	30.90
30-015-00769	APACHE CORP	EMPIRE ABO UNIT	006	EDDY	S:4, T:18S, R:27E	0	O	Temporarily Abandoned	Mar 2006	Mar 2012	32.42
	PAN AMERICAN				S:4,						

30-015-30134	PETROLEUM CORPORATION	WINDFOHR FEDERAL	003	EDDY	T:18S, R:27E	2,320	O	Pumping	Jan 1970	Dec 1970	38.42
30-015-00776		EMPIRE ABO UNIT K	007K	EDDY	S:4, T:18S, R:27E	5,627	O	Temporarily Abandoned	Jan 1970	Mar 1984	62.77
30-015-00000	PAN AMERICAN PETROLEUM CORP	R F WINDFOHR	003	EDDY	S:4, T:18S, R:27E		G	Active	Oct 1959	Dec 1965	72.06
30-015-00000	PAN AMERICAN PETROLEUM CORPORATION	WINDFOHR FEDERAL	001	EDDY	S:4, T:18S, R:27E		G	Active	Mar 1959	Dec 1970	113.42
30-015-29990	PAN AMERICAN PETROLEUM CORPORATION	STATE BC	001	EDDY	S:4, T:18S, R:27E	2,350	O	Pumping	Jan 1970	Dec 1970	122.00
30-015-00774	APACHE CORP	EMPIRE ABO UNIT	008A	EDDY	S:4, T:18S, R:27E	0	O	Temporarily Abandoned	Jul 2007	Mar 2012	
30-015-00776	APACHE CORP	EMPIRE ABO UNIT	007K	EDDY	S:4, T:18S, R:27E	5,627	O	Temporarily Abandoned	Jun 2008	Mar 2012	
30-015-28564	LIME ROCK RESOURCES II-A, L.P.	WEST RED LAKE UNIT	043	EDDY	S:4, T:18S, R:27E	2,300	I	Injection Well	Oct 1995	Mar 2012	
30-015-30234	BP AMERICA PRODUCTION COMPANY	LAGO ROSA 4 FEDERAL	005	EDDY	S:4, T:18S, R:27E	3,800	PO	Pumping	Jul 1998	May 2008	
30-015-36318	MACK ENERGY CORP	LOBOS FEDERAL	001	EDDY	S:4, T:18S, R:27E	5,227	PO	Active Permit	Mar 2010	Apr 2010	



Producing Wells in Sec 4, T18S, R27E, Eddy County



© 2012 Drilling Info, Inc. All rights reserved. All data and information is provided "As Is" and subject to the [DI subscription agreement](#).

Lime Rock Resources II-A, LP, A Delaware Limited Partnership Heritage Plaza 1111 Bagby St., Ste 4600 Houston TX 77002	50%
Occidental Permian LP, Texas Limited Partnership P.O. Box 4294 Houston TX 77210	50%

**COG OPERATING LLC
550 W. TEXAS, SUITE 100
MIDLAND, TX 79701**

06/20/2012

Lime Rock Resources II-A, LP,
A Delaware Limited Partnership
Heritage Plaza
1111 Bagby St., Ste 4600
Houston TX 77002

Re: Request for Unorthodox Well Location

To Whom It May Concern:

This letter will serve as notice under Rule 104.F (3) that COG Operating LLC has requested administrative approval from the Oil Conservation Division in Santa Fe, NM for an unorthodox Red Lake; Glorieta Yeso, Northeast oil well.

**Hawk 4 Federal #5
Eddy County, NM
227' FSL & 907' FEL Sec 4, T18S, R27E, Unit P**

Should your company have any objection, it must be filed in writing within twenty (20) days from the date of this notice. The Division Director may allow COG to produce from the unorthodox location after the well is drilled, if no objection has been made within the 20 days after the application has been received.

Sincerely,

COG Operating LLC



Kelly J. Holly
Permitting Tech

432-685-4384
kholly@concho.com

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Lime Rock Resources II-A, LP, A Delaware
Limited Partnership
Heritage Plaza
1111 Bagby St., Ste 4600
Houston TX 77002

2. Article Number
(Transfer from service label)

91 7199 9991 7030 4043 4681

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

Nick Patel

☐ Agent

☐ Addressee

B. Received by (Printed Name)

Nick Patel

C. Date of Delivery

6-26-12

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

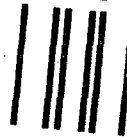
☐ Insured Mail

☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

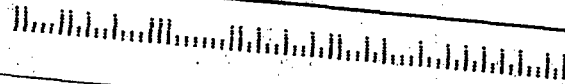
UNITED STATES POSTAL SERVICE



First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

COG Operating LLC
Attn: Kelly Holly
550 W Texas Ave, Suite 100
Midland, TX 79701



**COG OPERATING LLC
550 W. TEXAS, SUITE 100
MIDLAND, TX 79701**

06/20/2012

Occidental Permian LP,
Texas Limited Partnership
P.O. Box 4294
Houston TX 77210

Re: Request for Unorthodox Well Location

To Whom It May Concern:

This letter will serve as notice under Rule 104.F (3) that COG Operating LLC has requested administrative approval from the Oil Conservation Division in Santa Fe, NM for an unorthodox Red Lake; Glorieta Yeso, Northeast oil well.

**Hawk 4 Federal #5
Eddy County, NM
227' FSL & 907' FEL Sec 4, T18S, R27E, Unit P**

Should your company have any objection, it must be filed in writing within twenty (20) days from the date of this notice. The Division Director may allow COG to produce from the unorthodox location after the well is drilled, if no objection has been made within the 20 days after the application has been received.

Sincerely,

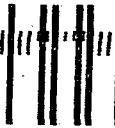
COG Operating LLC



Kelly J. Holly
Permitting Tech

432-685-4384
kholly@concho.com

UNITED STATES POSTAL SERVICE



First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

COG Operating LLC
Attn: Kelly Holly
550 W Texas Ave, Suite 100
Midland, TX 79701

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Occidental Permian LP, Texas Limited
Partnership
P.O. Box 4294
Houston TX 77210

2. Article Number
(Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A. Signature

[Signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

JUN 26 2004

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

91 7199 9991 7030 4043 4674