

DATE IN 9/24/12	SUSPENSE 10/14	ENGINEER DB	LOGGED IN 9/25/12	TYPE NSL	APP NO. PDKB1226962611
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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



McIntyre DK Fed #2
COG

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

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]
 Signature

Permitting Tech
 Title

9-20-12
 Date

(432) 685-4384
 Phone Number

kholly@concho.com
 E-mail Address

**McIntyre DK Federal #22
Eddy County, NM**

COG proposes to drill a **VERTICAL** SE/4 SE/4 40 acre spacing
Loco Hills; Glorieta Yeso oil well
TD of approximately 4800'

Non-standard Location:
1065' FSL & 1175' FEL Sec 17, T17S, R30E, Unit P

This well had to be staked at a non-standard location due to a road, buried pipeline and electrical line 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 Electra Federal #10 which was recently drilled in January 2007 and is located 765' FSL 2310' FWL, Section 10, T17S, R30E, Unit N.

The Electra Federal #10 completion divided the Yeso up into 3 perf/stimulation intervals. At this time, we believe the Electra Federal #30 should be very similar.

Electra Federal #10 has perms from: 4920' – 5848.5' overall, with the following breakdown:

1st interval: 5567' – 5848.5',
acidized w/ 2500 gals,
frac'd w/ 95,103 gals gel, 8321# LiteProp, & 85,970# 16/30 sand.

2nd interval: 5192.5' – 5475.5',
acidized w/ 2500 gals,
frac'd w/ 97,107 gals gel, 8215# LiteProp, & 87,106# 16/30 sand.

3rd interval: 4920' – 5107',
acidized w/ 2500 gals,
frac'd w/ 94,099 gals gel, 8448# LiteProp, & 87,526# 16/30 sand.

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 is Units J, O and I of Section 17.

Offset acreage is owned by Apache Corp. and COG Operating.
Proof of Notification is enclosed.

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 96718	Pool Name Loco Hills; Glorieta Yeso
Property Code	Property Name MCINTYRE DK FEDERAL	Well Number 22
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3671'

Surface Location

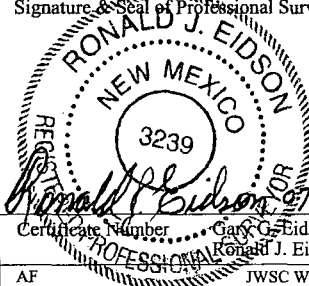
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	17	17-S	30-E		1065	SOUTH	1175	EAST	EDDY

Bottom Hole Location If Different From Surface

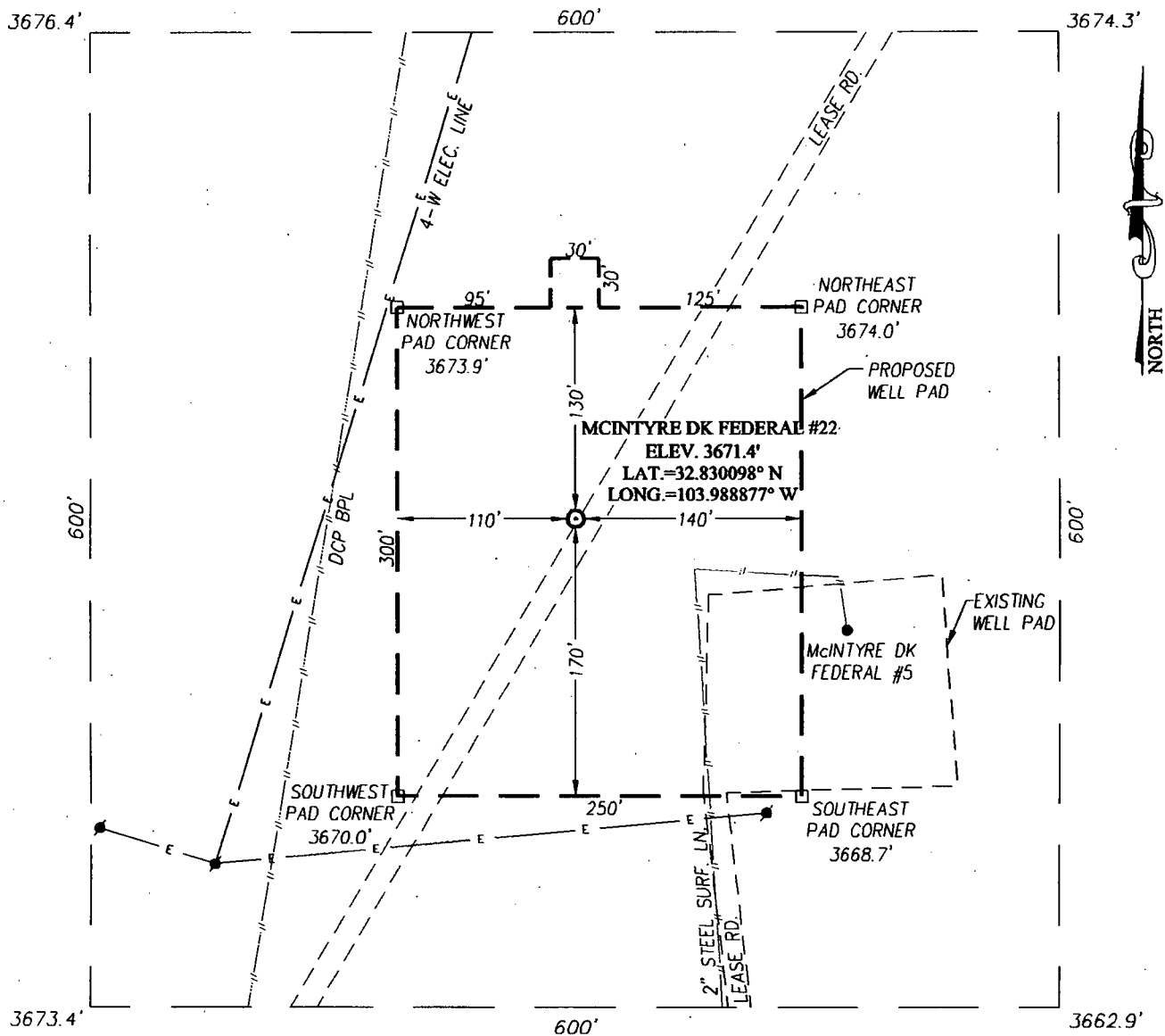
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 40	Joint or Infill	Consolidation Code	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

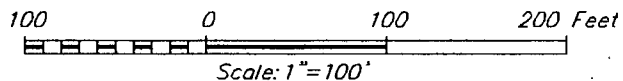
GEODETC COORDINATES NAD 27 NME SURFACE LOCATION Y=665873.4 N X=605806.6 E LAT.=32.830098° N LONG.=103.988877° W DETAIL 3676.4' 3674.3' 600' 3673.4' 3662.9' 1175' 1065' SEE DETAIL	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, 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.  8-1-12 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. JULY 11, 2012 Date of Survey Signature & Seal of Professional Surveyor:  Certificate Number 12641 Gary G. Eidson 3239 Ronald J. Eidson AF JWSC W.O.: 12.11.1022

SECTION 17, TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M.
EDDY COUNTY **NEW MEXICO**



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF U.S. HWY. #82 AND CO. RD. #217 (HAGERMAN CUTOFF) GO NORTH ON CO. RD. #217 APPROX. 0.6 MILES. TURN LEFT AND GO WEST APPROX. 0.3 MILES. TURN RIGHT AND GO NORTHEAST APPROX. 0.2 MILES. THE LOCATION IS 10 FEET WEST OF THE LEASE ROAD.



COG OPERATING, LLC

MCINTYRE DK FEDERAL #22 WELL
LOCATED 1065 FEET FROM THE SOUTH LINE
AND 1175 FEET FROM THE EAST LINE OF SECTION 17,
TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO

Survey Date: 7/11/12	CAD Date: 7/16/12	Drawn By: AF
W.O. No.: 12111022	Rev.:	Rel. W.O.:

Sheet 1 of 1

PROVIDING SURVEYING SERVICES
 SINCE 1946
JOHN WEST SURVEYING COMPANY
 412 N. DAL PASO
 HOBBS, N.M. 88240
 (575) 393-3117 www.jwsc.biz

Producing wells in Sec 17, T17S, R30E, Eddy County

API#	Operator	Lease	Well#	County	Legal	Total Depth	Well Type	Well Status	First Prod.	Last Prod.	Avg. (BO/D)
30-015-30772	COG OPERATING LLC	MCINTYRE DK FEDERAL	012Y	EDDY	S:17, T:17S, R:30E	4,750	O	Pumping	Sep 1999	Jan 2012	0.06
30-015-04184	MACK ENERGY CORP	MCINTYRE DK FEDERAL	001	EDDY	S:17, T:17S, R:30E	4,796	O	Active	Jan 1979	May 1997	0.35
30-015-20614	SOUTHWEST ROYALTIES INC	GOV MCINTYRE 1 FEDERAL	002	EDDY	S:17, T:17S, R:30E	3,700	O	Pumping	Jan 1979	Apr 2012	0.37
30-015-31891	COG OPERATING LLC	HOLDER CB FEDERAL	006	EDDY	S:17, T:17S, R:30E	6,211	O	Pumping	Oct 2001	Jun 2006	0.43
30-015-04185	COG OPERATING LLC	ETZ STATE UNIT	108	EDDY	S:17, T:17S, R:30E	3,251	O	Pumping	Jan 1983	Mar 2012	0.48
30-015-20598	COG OPERATING LLC	ETZ STATE UNIT	100	EDDY	S:17, T:17S, R:30E	3,915	O	Pumping	Jan 1979	Mar 2012	0.48
30-015-21178	COG OPERATING LLC	ETZ STATE UNIT	120	EDDY	S:17, T:17S, R:30E	0	O	Pumping	Jan 1993	Mar 2012	0.52
30-015-30772	COG OPERATING LLC	MCINTYRE DK FEDERAL	012Y	EDDY	S:17, T:17S, R:30E	4,750	O	Pumping	Apr 2006	Jan 2012	0.52
30-015-20643	CBS OPERATING CORP	LOCO HILLS B FEDERAL	003	EDDY	S:17, T:17S, R:30E	3,638	O	Pumping	Jan 1979	Mar 2012	0.55
30-015-00000	ATLANTIC RICHFIELD COMPANY	WD MCINTYRE D TRACT 1	009	EDDY	S:17, T:17S, R:30E		G	Active	Jan 1966	Dec 1971	0.55
30-015-27472	COG OPERATING LLC	MCINTYRE DK FEDERAL	008	EDDY	S:17, T:17S, R:30E	5,100	O	Pumping	Dec 1997	Mar 2012	0.68
30-015-00000	SINCLAIR OIL AND GAS CO	MCINTYRE D FED	009	EDDY	S:17, T:17S, R:30E		G	Active	Aug 1956	Dec 1965	0.68
30-015-36673	COG OPERATING LLC	CADD0 FEDERAL	006	EDDY	S:17, T:17S, R:30E	5,920	O	Active Permit	Jun 2009	Mar 2012	0.71
30-015-04182	SOUTHWEST ROYALTIES INC	GOV MCINTYRE 1 FEDERAL	001	EDDY	S:17, T:17S, R:30E	3,750	O	Pumping	Feb 1947	Apr 2012	0.77
30-015-20644	CBS OPERATING CORP	LOCO HILLS B FEDERAL	004	EDDY	S:17, T:17S, R:30E	3,712	O	Active	Jan 1979	Mar 2012	0.81
30-015-36673	COG OPERATING LLC	CADD0 FEDERAL	006	EDDY	S:17, T:17S, R:30E	5,920	O	Active Permit	Feb 2012	Feb 2012	0.90
30-015-20632	SOUTHWEST ROYALTIES INC	ARCO FEDERAL	002	EDDY	S:17, T:17S, R:30E	3,676	O	Pumping	Jan 1979	Apr 2012	0.93
30-015-29423	COG OPERATING LLC	MCINTYRE DK FEDERAL	009	EDDY	S:17, T:17S, R:30E	4,810	O	Pumping	Dec 1997	Mar 2012	0.94
30-015-00000	SINCLIR OIL & GAS CO,	MCINTYRE D	007	EDDY	S:17, T:17S, R:30E		O	Active	Jan 1947	Mar 1958	1.00
30-015-20661	COG OPERATING LLC	MCINTYRE DK FEDERAL	004	EDDY	S:17, T:17S, R:30E	4,263	O	Pumping	Jan 1979	Oct 2011	1.03
30-015-00000	SINCLAIR OIL AND GAS CO.	MCINTYRE D FED	003	EDDY	S:17, T:17S, R:30E		G	Active	Jan 1947	Dec 1965	1.03
30-015-31857	COG OPERATING LLC	POLARIS B FEDERAL	2	EDDY	S:17, T:17S, R:30E	4,715	O	Pumping	Aug 2001	Mar 2012	1.13
					S:17, T:17S,						

30-015-20547	MACK ENERGY CORP	ETZ STATE UNIT	101	EDDY	R:30E	0	I	Plugged	Jan 1979	Oct 1989	1.19
30-015-04186	MACK ENERGY CORP	MCINTYRE DK FEDERAL	003	EDDY	S:17, T:17S, R:30E	4,797	O	Active	Jan 1979	Apr 1997	1.20
30-015-34537	COG OPERATING LLC	MCINTYRE DK FEDERAL	14	EDDY	S:17, T:17S, R:30E	5,108	O	Active Permit	Jun 2006	Mar 2012	1.29
30-015-00000		MCINTYRE D	003	EDDY	S:17, T:17S, R:30E		G	Active	Jan 1979	Sep 1989	1.33
30-015-30792	APACHE CORP	RED FEDERAL	001	EDDY	S:17, T:17S, R:30E	4,740	O	Pumping	Jan 1960	Mar 2012	1.39
30-015-30981	COG OPERATING LLC	MCINTYRE DK FEDERAL	011	EDDY	S:17, T:17S, R:30E	4,746	O	Pumping	May 2000	Mar 2012	1.45
30-015-20749		MCINTYRE	005	EDDY	S:17, T:17S, R:30E	4,300	O	Pumping	Jan 1993	Dec 1993	1.45
30-015-20749	COG OPERATING LLC	MCINTYRE DK FEDERAL	005	EDDY	S:17, T:17S, R:30E	4,300	O	Pumping	Jan 1993	Jul 2011	1.52
30-015-20632	SOUTHLAND ROYALTIES INC	ARCO FEDERAL	002	EDDY	S:17, T:17S, R:30E	3,676	O	Pumping	Jun 1972	Dec 1977	1.58
30-015-04182	GEN AMERICAN OIL CO OF TEXAS	MCINTYRE F FED	001	EDDY	S:17, T:17S, R:30E	3,750	O	Pumping	Jan 1958	Dec 1959	1.65
30-015-31330	APACHE CORP	BIRDIE FEDERAL	001	EDDY	S:17, T:17S, R:30E	4,772	O	Pumping	Oct 2000	Mar 2012	2.03
30-015-30237	APACHE CORP	BIRDIE FEDERAL	002	EDDY	S:17, T:17S, R:30E	4,723	O	Pumping	Aug 1998	Mar 2012	2.10
30-015-30235	APACHE CORP	BIRDIE FEDERAL	004	EDDY	S:17, T:17S, R:30E	4,735	O	Pumping	Jul 1999	Mar 2012	2.29
30-015-31891	COG OPERATING LLC	HOLDER CB FEDERAL	006	EDDY	S:17, T:17S, R:30E	6,211	O	Pumping	Jun 2006	Mar 2012	2.32
30-015-26529	COG OPERATING LLC	HOLDER CB FEDERAL	005	EDDY	S:17, T:17S, R:30E	4,700	PO	Pumping	Feb 1991	Mar 2012	2.35
30-015-00000	SINCLAIR OIL AND GAS CO.	MCINTYRE D FED	001	EDDY	S:17, T:17S, R:30E		G	Active	Jan 1947	Dec 1965	2.35
30-015-29424	COG OPERATING LLC	MCINTYRE DK FEDERAL	010	EDDY	S:17, T:17S, R:30E	4,761	O	Pumping	Dec 1997	Mar 2012	2.42
30-015-30698	APACHE CORP	RED FEDERAL	004	EDDY	S:17, T:17S, R:30E	4,765	O	Pumping	Dec 1999	Mar 2012	2.48
30-015-04182	SOUTHLAND ROYALTIES INC	GOV MCINTYRE 1 FEDERAL	001	EDDY	S:17, T:17S, R:30E	3,750	O	Pumping	Jan 1967	Dec 1977	2.55
30-015-30371	APACHE CORP	BIRDIE FEDERAL	005	EDDY	S:17, T:17S, R:30E	4,850	O	Pumping	Nov 1998	Mar 2012	2.61
30-015-20972		MCINTYRE	006	EDDY	S:17, T:17S, R:30E	4,329	O	Pumping	Jan 1993	Dec 1993	2.74
30-015-00000	ATLANTIC RICHFIELD COMPANY	WD MCINTYRE D TRACT 1	003	EDDY	S:17, T:17S, R:30E		G	Active	Jan 1969	Dec 1971	2.74
30-015-30520	APACHE CORP	BIRDIE FEDERAL	006	EDDY	S:17, T:17S, R:30E	4,729	O	Pumping	Jul 1999	Mar 2012	2.77
30-015-20547	MACK ENERGY CORP	ETZ STATE UNIT	101	EDDY	S:17, T:17S, R:30E	0	I	Plugged	Jan 1972	Dec 1977	2.81
30-015-31892	COG OPERATING LLC	HOLDER CB FEDERAL	7	EDDY	S:17, T:17S, R:30E	4,770	O	Pumping	Jan 2002	Mar 2012	2.81

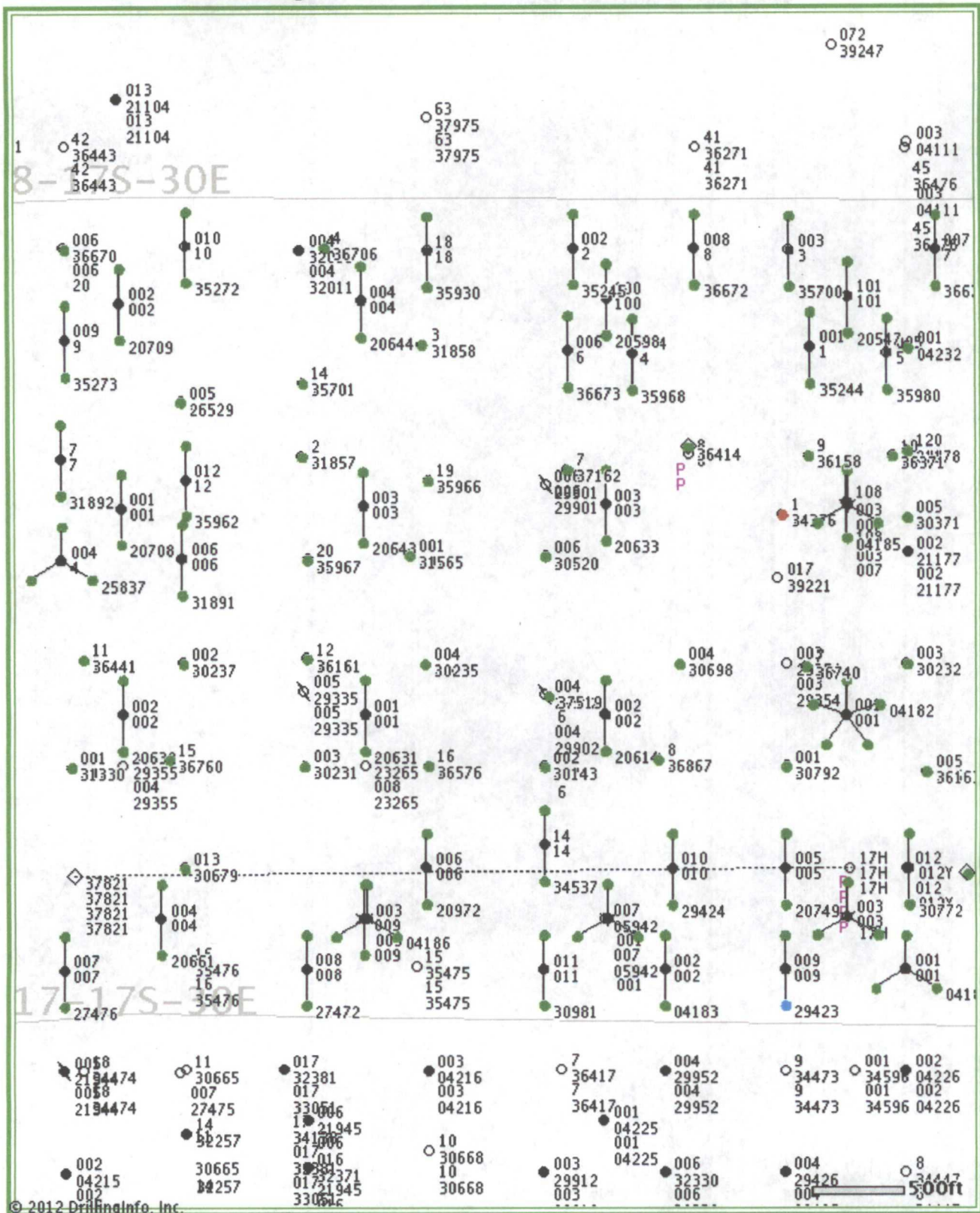
30-015-20631	SOUTHWEST ROYALTIES INC	ARCO FEDERAL	001	EDDY	S:17, T:17S, R:30E	8,652	O	Pumping	Jan 1979	Apr 2012	2.83
30-015-20633	SOUTHWEST ROYALTIES INC	ARCO FEDERAL	003	EDDY	S:17, T:17S, R:30E	3,663	O	Pumping	Jan 1979	Apr 2012	2.83
30-015-04183	MACK ENERGY CORP	MCINTYRE DK FEDERAL	002	EDDY	S:17, T:17S, R:30E	0	O	Active	Jan 1972	Dec 1977	3.06
30-015-20708	MACK ENERGY CORP	HOLDER CB FEDERAL	001	EDDY	S:17, T:17S, R:30E	3,704	O	Pumping	Sep 1972	Dec 1977	3.06
30-015-20972	COG OPERATING LLC	MCINTYRE DK FEDERAL	006	EDDY	S:17, T:17S, R:30E	4,329	O	Pumping	Jan 1993	Mar 2012	3.10
30-015-04182	GENERAL AMERICAN OIL COMPANY OF TEXAS	MCINTYRE F	001	EDDY	S:17, T:17S, R:30E	3,750	O	Pumping	Jan 1953	Dec 1965	3.16
30-015-20631	SOUTHLAND ROYALTIES INC	ARCO FEDERAL	001	EDDY	S:17, T:17S, R:30E	8,652	O	Pumping	Jun 1972	Dec 1977	3.23
30-015-27476	COG OPERATING LLC	MCINTYRE DK FEDERAL	007	EDDY	S:17, T:17S, R:30E	5,113	O	Pumping	Nov 1997	Mar 2012	3.23
30-015-20709	COG OPERATING LLC	HOLDER CB FEDERAL	002	EDDY	S:17, T:17S, R:30E	3,700	O	Pumping	Jan 1979	Mar 2012	3.32
30-015-30231	APACHE CORP	BIRDIE FEDERAL	003	EDDY	S:17, T:17S, R:30E	4,900	O	Pumping	Jun 1998	Mar 2012	3.42
30-015-30981	COG OPERATING LLC	MCINTYRE DK FEDERAL	011	EDDY	S:17, T:17S, R:30E	4,746	O	Pumping	Feb 2006	Mar 2012	3.42
30-015-35968	COG OPERATING LLC	CADDO FEDERAL	004	EDDY	S:17, T:17S, R:30E	5,924	O	Active Permit	Apr 2008	Mar 2012	3.52
30-015-04184	MACK ENERGY CORP	MCINTYRE DK FEDERAL	001	EDDY	S:17, T:17S, R:30E	4,796	O	Active	Jan 1973	Dec 1977	3.74
30-015-20661	MACK ENERGY CORP	MCINTYRE DK FEDERAL	004	EDDY	S:17, T:17S, R:30E	4,263	O	Pumping	Jul 1972	Dec 1977	3.87
30-015-00000	REPOLLO OIL CO.	MCINTYRE D	003	EDDY	S:17, T:17S, R:30E		G	Active	Jan 1948	Dec 1953	3.94
30-015-30143	APACHE CORP	RED FEDERAL	002	EDDY	S:17, T:17S, R:30E	4,815	O	Pumping	May 1998	Mar 2012	4.42
30-015-20643	CBS OPERATING CORP	LOCO HILLS B FEDERAL	003	EDDY	S:17, T:17S, R:30E	3,638	O	Pumping	May 1972	Dec 1977	4.65
30-015-20644	CBS OPERATING CORP	LOCO HILLS B FEDERAL	004	EDDY	S:17, T:17S, R:30E	3,712	O	Active	Jun 1972	Dec 1977	4.81
30-015-29424	COG OPERATING LLC	MCINTYRE DK FEDERAL	010	EDDY	S:17, T:17S, R:30E	4,761	O	Pumping	Oct 2005	Mar 2012	4.94
30-015-00000	REPOLLO OIL CO.	MCINTYRE D	001	EDDY	S:17, T:17S, R:30E		G	Active	Jan 1948	Dec 1957	5.00
30-015-34537	COG OPERATING LLC	MCINTYRE DK FEDERAL	14	EDDY	S:17, T:17S, R:30E	5,108	O	Active Permit	Jun 2006	Mar 2012	5.10
30-015-25837	COG OPERATING LLC	HOLDER CB FEDERAL	004	EDDY	S:17, T:17S, R:30E	5,850	O	Pumping	Dec 2009	Mar 2012	5.16
30-015-20598	MACK ENERGY CORP	ETZ STATE UNIT	100	EDDY	S:17, T:17S, R:30E	3,915	O	Pumping	Jun 1972	Dec 1977	5.35
30-015-31858	COG OPERATING LLC	POLARIS B FEDERAL	3	EDDY	S:17, T:17S, R:30E	6,013	O	Pumping	Feb 2002	Mar 2012	5.58
30-015-36371	APACHE CORP	BIRDIE FEDERAL	10	EDDY	S:17, T:17S, R:30E	5,868	O	Active Permit	Sep 2008	Mar 2012	5.61

30-015-04183	COG OPERATING LLC	MCINTYRE DK FEDERAL	002	EDDY	S:17, T:17S, R:30E	0	O	Active	Jan 1979	Mar 2012	5.65
30-015-29423	COG OPERATING LLC	MCINTYRE DK FEDERAL	009	EDDY	S:17, T:17S, R:30E	4,810	O	Pumping	Apr 2006	Mar 2012	5.68
30-015-20708	COG OPERATING LLC	HOLDER CB FEDERAL	001	EDDY	S:17, T:17S, R:30E	3,704	O	Pumping	Jan 1979	Mar 2012	5.90
30-015-20709	MACK ENERGY CORP	HOLDER CB FEDERAL	002	EDDY	S:17, T:17S, R:30E	3,700	O	Pumping	Sep 1972	Dec 1977	6.06
30-015-30679	COG OPERATING LLC	MCINTYRE DK FEDERAL	013	EDDY	S:17, T:17S, R:30E	4,668	O	Pumping	Feb 2000	Mar 2012	6.19
30-015-35244	COG OPERATING LLC	CADD0 FEDERAL	001	EDDY	S:17, T:17S, R:30E	6,016	O	Active Permit	Feb 2012	Feb 2012	6.31
30-015-04232		GULF FEDERAL	001	EDDY	S:17, T:17S, R:30E		O	Active	May 1953	Dec 1975	6.45
30-015-35945	COG OPERATING LLC	JUNIPER STATE	005	EDDY	S:17, T:17S, R:30E	5,850	O	Active Permit	Feb 2008	Mar 2012	6.45
30-015-00000	ATLANTIC RICHFIELD COMPANY	WD MCINTYRE D TRACT 1	001	EDDY	S:17, T:17S, R:30E		G	Active	Jan 1966	Dec 1971	6.52
30-015-04186	COG OPERATING LLC	MCINTYRE DK FEDERAL	003	EDDY	S:17, T:17S, R:30E	4,797	O	Active	Dec 1997	Mar 2012	6.68
30-015-36158	APACHE CORP	BIRDIE FEDERAL	9	EDDY	S:17, T:17S, R:30E	5,938	O	Active Permit	Aug 2008	Mar 2012	7.26
30-015-35968	COG OPERATING LLC	CADD0 FEDERAL	004	EDDY	S:17, T:17S, R:30E	5,924	O	Active Permit	Feb 2012	Feb 2012	7.28
30-015-30232	APACHE CORP	RED FEDERAL	003	EDDY	S:17, T:17S, R:30E	4,821	O	Pumping	Oct 1998	Mar 2012	7.39
30-015-35967	COG OPERATING LLC	POLARIS B FEDERAL	20	EDDY	S:17, T:17S, R:30E	5,867	O	Active Permit	May 2008	Mar 2012	7.81
30-015-04184	COG OPERATING LLC	MCINTYRE DK FEDERAL	001	EDDY	S:17, T:17S, R:30E	4,796	O	Active	Dec 1997	Mar 2012	8.10
30-015-00000		MCINTYRE D	003	EDDY	S:17, T:17S, R:30E		G	Active	Nov 1974	Dec 1977	8.45
30-015-35701	COG OPERATING LLC	POLARIS B FEDERAL	14	EDDY	S:17, T:17S, R:30E	5,997	O	Active Permit	Apr 2008	Mar 2012	8.65
30-015-36441	APACHE CORP	BIRDIE FEDERAL	11	EDDY	S:17, T:17S, R:30E	6,000	O	Active Permit	Nov 2008	Mar 2012	8.77
30-015-20614	SOUTHLAND ROYALTIES INC	GOV MCINTYRE 1 FEDERAL	002	EDDY	S:17, T:17S, R:30E	3,700	O	Pumping	Apr 1972	Dec 1977	8.87
30-015-35244	COG OPERATING LLC	CADD0 FEDERAL	001	EDDY	S:17, T:17S, R:30E	6,016	O	Active Permit	Nov 2008	Mar 2012	8.87
30-015-20633	SOUTHLAND ROYALTIES INC	ARCO FEDERAL	003	EDDY	S:17, T:17S, R:30E	3,663	O	Pumping	Jun 1972	Dec 1977	9.13
30-015-35245	COG OPERATING LLC	CADD0 FEDERAL	002	EDDY	S:17, T:17S, R:30E	6,030	O	Active	May 2007	Mar 2012	9.26
30-015-36670	COG OPERATING LLC	HOLDER CB FEDERAL	20	EDDY	S:17, T:17S, R:30E	5,920	O	Active Permit	Jun 2009	Mar 2012	9.42
30-015-35962	COG OPERATING LLC	HOLDER CB FEDERAL	012	EDDY	S:17, T:17S, R:30E	5,860	O	Active Permit	Apr 2008	Mar 2012	9.74
30-015-04182	PREMIER OIL CO.	MCINTYRE F	001	EDDY	S:17, T:17S, R:30E	3,750	O	Pumping	Jan 1948	Dec 1948	10.03

30-015-35930	COG OPERATING LLC	POLARIS B FEDERAL	18	EDDY	S:17, T:17S, R:30E	5,875	O	Active Permit	Jun 2008	Jun 2008	10.03
30-015-31565	COG OPERATING LLC	POLARIS B FEDERAL	001	EDDY	S:17, T:17S, R:30E	4,740	PO	Pumping	Mar 2001	Mar 2012	10.06
30-015-36163	APACHE CORP	RED FEDERAL	005	EDDY	S:17, T:17S, R:30E	5,930	O	Active Permit	Jun 2008	Mar 2012	10.45
30-015-04186	MACK ENERGY CORP	MCINTYRE DK FEDERAL	003	EDDY	S:17, T:17S, R:30E	4,797	O	Active	Jan 1973	Dec 1977	10.61
30-015-36867	APACHE CORP	RED FEDERAL	8	EDDY	S:17, T:17S, R:30E	5,930	O	Active Permit	Apr 2010	Mar 2012	10.74
30-015-35272	COG OPERATING LLC	HOLDER CB FEDERAL	010	EDDY	S:17, T:17S, R:30E	6,015	O	Active Permit	Dec 2007	Mar 2012	11.00
30-015-35962	COG OPERATING LLC	HOLDER CB FEDERAL	012	EDDY	S:17, T:17S, R:30E	5,860	O	Active Permit	Feb 2012	Feb 2012	11.00
30-015-36161	APACHE CORP	BIRDIE FEDERAL	12	EDDY	S:17, T:17S, R:30E	5,907	O	Active Permit	May 2008	Mar 2012	11.23
30-015-35272	COG OPERATING LLC	HOLDER CB FEDERAL	010	EDDY	S:17, T:17S, R:30E	6,015	O	Active Permit	Feb 2012	Feb 2012	11.72
30-015-35245	COG OPERATING LLC	CADDO FEDERAL	002	EDDY	S:17, T:17S, R:30E	6,030	O	Active	Feb 2012	Feb 2012	11.97
30-015-36760	APACHE CORP	BIRDIE FEDERAL	15	EDDY	S:17, T:17S, R:30E	6,000	O	Active Permit	Mar 2009	Mar 2012	13.13
30-015-35966	COG OPERATING LLC	POLARIS B FEDERAL	19	EDDY	S:17, T:17S, R:30E	5,851	O	Active Permit	Jul 2008	Mar 2012	13.19
30-015-35930	COG OPERATING LLC	POLARIS B FEDERAL	18	EDDY	S:17, T:17S, R:30E	5,875	O	Active Permit	Jun 2008	Mar 2012	13.84
30-015-36576	APACHE CORP	BIRDIE FEDERAL	16	EDDY	S:17, T:17S, R:30E	5,900	O	Active Permit	Nov 2008	Mar 2012	14.06
30-015-27476	MACK ENERGY CORP	MCINTYRE DK FEDERAL	007	EDDY	S:17, T:17S, R:30E	5,113	O	Pumping	Dec 1993	Oct 1997	14.16
30-015-35980	COG OPERATING LLC	CADDO FEDERAL	005	EDDY	S:17, T:17S, R:30E	5,906	O	Active Permit	Feb 2012	Feb 2012	14.21
30-015-25837	COG OPERATING LLC	HOLDER CB FEDERAL	004	EDDY	S:17, T:17S, R:30E	5,850	O	Pumping	Feb 2012	Feb 2012	14.69
30-015-35273	COG OPERATING LLC	HOLDER CB FEDERAL	009	EDDY	S:17, T:17S, R:30E	6,030	O	Active Permit	Aug 2007	Mar 2012	14.90
30-015-37519	APACHE CORP	RED FEDERAL	6	EDDY	S:17, T:17S, R:30E	6,000	O	Active Permit	Apr 2010	Mar 2012	15.10
30-015-36740	APACHE CORP	RED FEDERAL	7	EDDY	S:17, T:17S, R:30E	6,000	O	Active Permit	Feb 2009	Mar 2012	15.97
30-015-35980	COG OPERATING LLC	CADDO FEDERAL	005	EDDY	S:17, T:17S, R:30E	5,906	O	Active Permit	Sep 2008	Mar 2012	16.42
30-015-04185	MACK ENERGY CORP	ETZ STATE UNIT	108	EDDY	S:17, T:17S, R:30E	3,251	O	Pumping	Feb 1973	Dec 1973	17.29
30-015-35273	COG OPERATING LLC	HOLDER CB FEDERAL	009	EDDY	S:17, T:17S, R:30E	6,030	O	Active Permit	Feb 2012	Feb 2012	18.31
30-015-35700	COG OPERATING LLC	CADDO FEDERAL	003	EDDY	S:17, T:17S, R:30E	5,855	O	Active Permit	Oct 2007	Mar 2012	18.97
30-015-35700	COG OPERATING LLC	CADDO FEDERAL	003	EDDY	S:17, T:17S, R:30E	5,855	O	Active Permit	Feb 2012	Feb 2012	20.31

30-015-36414	APACHE CORP	BIRDIE FEDERAL	8	EDDY	S:17, T:17S, R:30E	6,000	O	Active Permit	Feb 2009	Mar 2012	22.00
30-015-36706	COG OPERATING LLC	POLARIS B FEDERAL	4	EDDY	S:17, T:17S, R:30E	5,926	O	Active Permit	Mar 2009	Mar 2012	22.35
30-015-27472	MACK ENERGY CORP	MCINTYRE DK FEDERAL	008	EDDY	S:17, T:17S, R:30E	5,100	O	Pumping	Dec 1993	Nov 1997	22.70
30-015-36674	COG OPERATING LLC	CADD0 FEDERAL	007	EDDY	S:17, T:17S, R:30E	5,929	O	Active Permit	Aug 2009	Mar 2012	26.58
30-015-36672	COG OPERATING LLC	CADD0 FEDERAL	008	EDDY	S:17, T:17S, R:30E	5,925	O	Active Permit	Feb 2012	Feb 2012	29.52
30-015-36672	COG OPERATING LLC	CADD0 FEDERAL	008	EDDY	S:17, T:17S, R:30E	5,925	O	Active Permit	Apr 2010	Mar 2012	29.68
30-015-36674	COG OPERATING LLC	CADD0 FEDERAL	007	EDDY	S:17, T:17S, R:30E	5,929	O	Active Permit	Feb 2012	Feb 2012	31.41
30-015-37162	APACHE CORP	BIRDIE FEDERAL	7	EDDY	S:17, T:17S, R:30E	5,994	O	Active Permit	Jun 2011	Mar 2012	53.00
30-015-25837	COG OPERATING LLC	HOLDER CB FEDERAL	004	EDDY	S:17, T:17S, R:30E	5,850	O	Pumping	Jan 1988	Nov 2009	78.97
30-015-34376	APACHE CORP	GOLDFISH 17 FEDERAL	1	EDDY	S:17, T:17S, R:30E	11,250	G	Active Permit	Jun 2006	Mar 2012	
30-015-31892	COG OPERATING LLC	HOLDER CB FEDERAL	7	EDDY	S:17, T:17S, R:30E	4,770	O	Pumping	Feb 2012	Feb 2012	

Producing wells in Sec 17, T17S, R30E, Eddy County



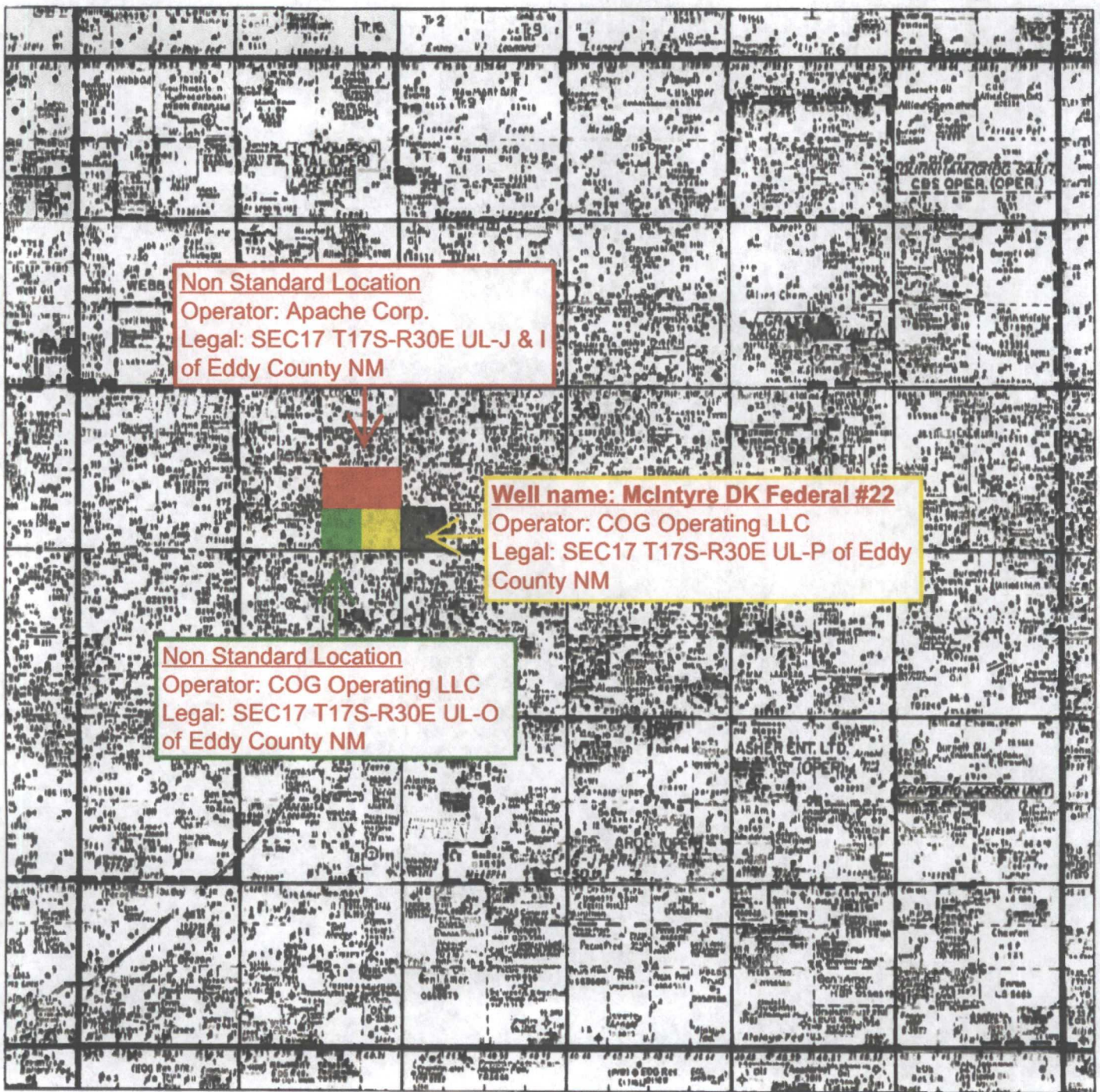
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Non Standard Location
Operator: Apache Corp.
Legal: SEC17 T17S-R30E UL-J & I
of Eddy County NM



Well name: McIntyre DK Federal #22
Operator: COG Operating LLC
Legal: SEC17 T17S-R30E UL-P of Eddy
County NM

Non Standard Location
Operator: COG Operating LLC
Legal: SEC17 T17S-R30E UL-O
of Eddy County NM



**COG OPERATING LLC
One Concho Center
600 W Illinois Ave
MIDLAND, TX 79701**

September 10, 2012

Apache Corp.
303 Veterans Airpark Ln Ste 600
Midland TX 79705

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 Loco Hills; Glorieta-Yeso oil well.

McIntyre DK Federal #22

EDDY County, NM

1065' FSL & 1175' FEL Sec 17, T17S, R30E, 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 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:

Apache Corp.
303 Veterans Airpark Ln Ste 600
Midland, TX 79705

2. Article Number

(Transfer from service label)

91 7199 9991 7030 0513 1037

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *John D. Dalgarno*☐ Agent
☐ Addressee

B. Received by (Printed Name)

John D. Dalgarno

C. Date of Delivery

9-19-12

D. Is delivery address different from item 1? ☐ YesIf 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
One Concho Center
Attn: Kelly Holly
600 W Illinois Ave
Midland, TX 79701