

DATE <u>5.24.12</u>	SUSPENSE	ENGINEER <u>DB</u>	LOGGED IN <u>5.24.12</u>	TYPE <u>NSL</u>	APP NO. <u>1214630459</u>
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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



COG-299132

Maple State #14

ADMINISTRATIVE APPLICATION CHECKLIST

30-015-40786

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

6634

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 _____

D-30-175-28E

- [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

2012 MAY 24 AM 10:21
 RECEIVED
offset operator
2 RE

- [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

573-12
 Date

(432) 685-4384
 Phone Number

kholly@concho.com
 E-mail Address

**Maple State #14
Eddy County, NM**

COG proposes to drill a **VERTICAL** NW/4 NW/4, 40 acre spacing
Red Lake; Glorieta Yeso, Northeast oil well
TD of approximately 4800'

Location:

205' FNL & 990' FWL Sec 30, T17S, R28E, Unit D, Lot 1

**This well had to be drilled at a non-standard location due to buried
pipelines 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 that COG owns offset acreage.

The acreage we are encroaching on is Units M and N of Section 19.

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 <i>unskd</i> Red Lake; Glorieta-Yeso Northeast
Property Code 302518	Property Name MAPLE STATE	
OGRID No. 229137	Operator Name COG OPERATING, LLC	Well Number 14
		Elevation 3529'

Surface Location

UL or lot No. 1	Section 30	Township 17-S	Range 28-E	Lot Idn	Feet from the 205	North/South line NORTH	Feet from the 990	East/West line WEST	County EDDY
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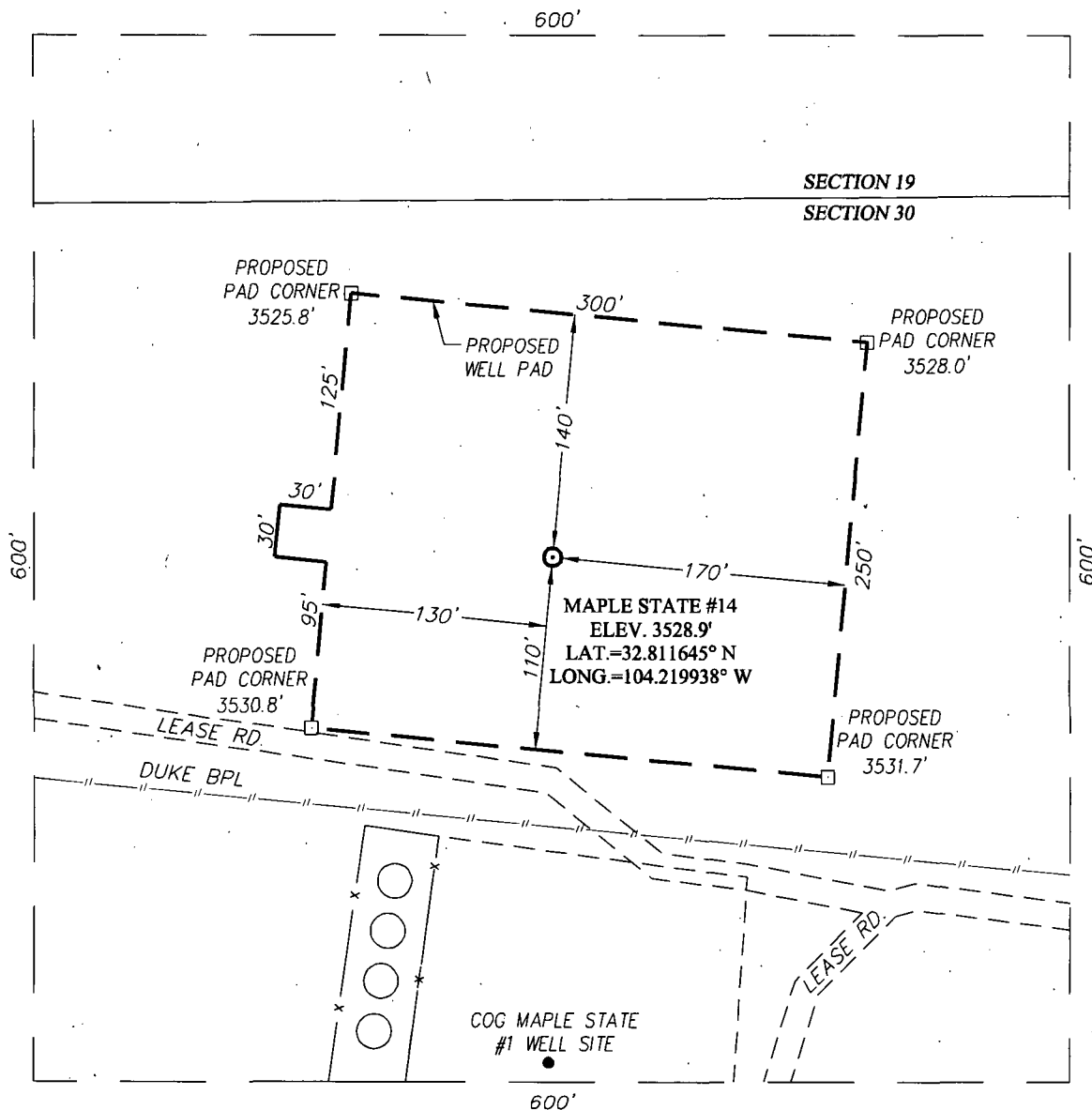
Bottom Hole Location If Different From Surface

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

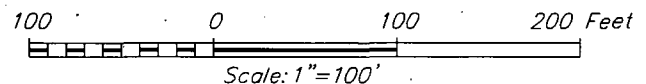
	GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=659006.3 N X=534838.6 E LAT.=32.811645° N LONG.=104.219938° W	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or 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. <i>Kelly J. Holly</i> 5-23-12 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. APRIL 13, 2012 Date of Survey
		Signature of Professional Surveyor: <i>Ronald J. Eidson</i> Professional Surveyor
		Stamp: RONALD J. EIDSON, NEW MEXICO, 3239 05/07/2012 Certificate Number: Ronald J. Eidson 12641 Ronald J. Eidson 3239 ACR JWSC W.O.: 11.11.1703

SECTION 30, TOWNSHIP 17 SOUTH, RANGE 28 EAST, N.M.P.M.
EDDY COUNTY **NEW MEXICO**



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF U.S. HWY. #82 AND CO. RD. #205 (TV TOWER), GO NORTHWEST ON U.S. HWY. #82 APPROX. 0.5 MILES. TURN RIGHT AND GO NORTHEAST APPROX. 0.6 MILES. TURN LEFT AND GO WEST APPROX. 0.5 MILES TO THE MAPLE STATE #1 WELL. THE LOCATION STAKE IS APPROX. 289 FEET NORTH OF THE COG PUMPING UNIT.



COG OPERATING, LLC

MAPLE STATE #14 WELL
LOCATED 205 FEET FROM THE NORTH LINE
AND 990 FEET FROM THE WEST LINE OF SECTION 30,
TOWNSHIP 17 SOUTH, RANGE 28 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO

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

Survey Date: 4/13/12	CAD Date: 5/3/12	Drawn By: ACR
W.O. No.: 11.11.1703	Rev:	Rel. W.O.:
		Sheet 1 of 1

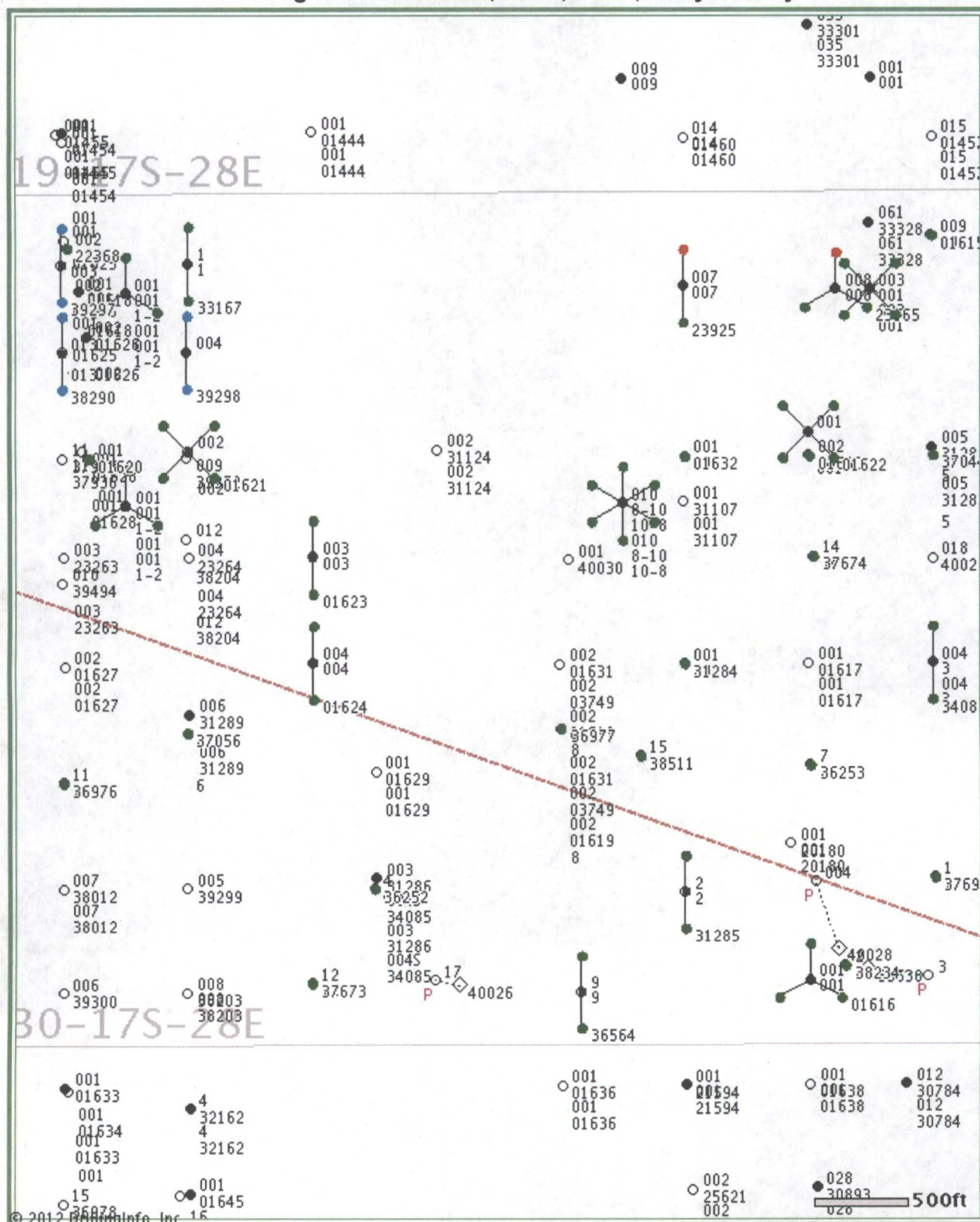
Producing Wells in Sec 30, T17S, R28E, Eddy County

API#	Operator	Lease	Well#	County	Legal	Total Depth	Well Type	Well Status	First Prod.	Last Prod.	Avg. (BO/D)
30-015-23165	MACK ENERGY CORP	RED LAKE SAND UNIT	008	EDDY	S:30, T:17S, R:28E	9,991	O	Active	Oct 1980	Apr 1992	0.00
30-015-01621		SUNRAY STATE	002	EDDY	S:30, T:17S, R:28E		O	Shut-in	Jan 1965	Aug 1985	0.00
30-015-00000		SUNRAY STATE	001	EDDY	S:30, T:17S, R:28E		O	Active	Mar 1952	Sep 1978	0.00
30-015-01616	C F M OIL CO DBA LOUIS AND JUDY FULTON	BLAKE STATE	001	EDDY	S:30, T:17S, R:28E		O	Active	Jan 1956	May 2011	0.03
30-015-01621	GEORGE A CHASE JR DBA G AND C SERVICE	SUNRAY STATE	002	EDDY	S:30, T:17S, R:28E		O	Shut-in	Jul 1962	Feb 2012	0.03
30-015-00000		WEST	001	EDDY	S:30, T:17S, R:28E		O	Active	Jan 1979	Dec 1993	0.03
30-015-01621		SUNRAY STATE	002	EDDY	S:30, T:17S, R:28E		O	Shut-in	Jan 1969	Dec 1993	0.06
30-015-01624		DELHI STATE	004	EDDY	S:30, T:17S, R:28E		O	Active	Jan 1956	May 1960	0.06
30-015-01630	MACK ENERGY CORP	RED LAKE SAND UNIT	002	EDDY	S:30, T:17S, R:28E	99,999	PO	Shut-in	Jan 1973	Nov 2003	0.13
30-015-01632	MACK ENERGY CORP	RED LAKE SAND UNIT	001	EDDY	S:30, T:17S, R:28E	99,999	PO	Shut-in	Jan 1973	Nov 2003	0.13
30-015-01615	MACK ENERGY CORP	RED LAKE SAND UNIT	009	EDDY	S:30, T:17S, R:28E	1,800	O	Shut-in	Jan 1973	Nov 2003	0.17
30-015-01622	KERSEY RED LAKE PREMIER SAND UNIT	RED LAKE PR SD UT TR 7	001	EDDY	S:30, T:17S, R:28E		O	Active	Jan 1965	Dec 1971	0.19
30-015-00000	NIX & CURTIS	DELHI STATE	001	EDDY	S:30, T:17S, R:28E		O	Active	Jan 1953	Nov 1955	0.23
30-015-00000		DELHI STATE	001	EDDY	S:30, T:17S, R:28E		O	Active	Jan 1952	Feb 1959	0.25
30-015-01616	RESLER AND SHELDON	BLAKE STATE	001	EDDY	S:30, T:17S, R:28E		O	Active	Jan 1958	Feb 1963	0.25
30-015-23165	MACK ENERGY CORP	RED LAKE SAND UNIT	008	EDDY	S:30, T:17S, R:28E	9,991	O	Active	Sep 1993	Dec 2003	0.29
30-015-01616	BEDINGFIELD, J. E.	BLAKE STATE	001	EDDY	S:30, T:17S, R:28E		O	Active	Apr 1953	Dec 1955	0.29
30-015-00000	DELHI OIL CORPORATION	STATE	010	EDDY	S:30, T:17S, R:28E		O	Active	Jan 1947	Dec 1956	0.32
30-015-01624	NIX & CURTIS	DELHI STATE	004	EDDY	S:30, T:17S, R:28E		O	Active	Feb 1953	Jun 1953	0.33
30-015-31284	LRE OPERATING, LLC	STALEY STATE	001	EDDY	S:30, T:17S, R:28E	4,010	O	Pumping	Oct 2000	Feb 2012	0.38
30-015-22368	COG OPERATING LLC	WEST	002	EDDY	S:30, T:17S, R:28E	550	PO	Active	Jan 1994	Mar 2008	0.39
30-015-23925	MACK ENERGY CORP	RED LAKE SAND UNIT	007	EDDY	S:30, T:17S, R:28E	0	PG	Active	Nov 1982	Dec 2003	0.39
					S:30, T:17S,						

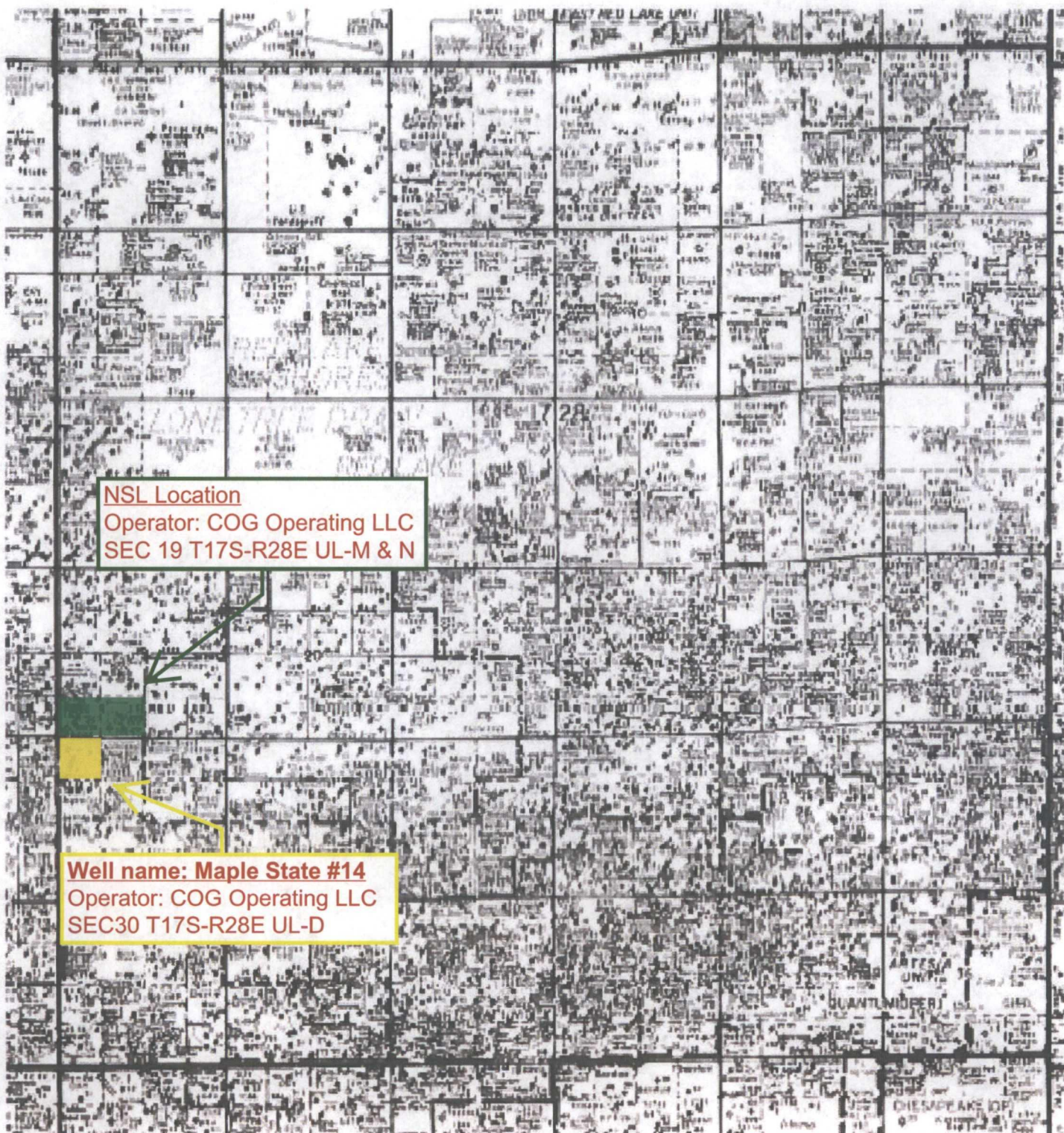
30-015-01623		DELHI STATE	003	EDDY	R:28E		O	Active	Jul 1952	May 1956	0.39
30-015-01622	SCANNELL	SCANELL ST.	001	EDDY	S:30, T:17S, R:28E		O	Active	Jan 1947	Dec 1957	0.39
30-015-00000	KERSEY RED LAKE PREMIER SAND UNIT	RED LAKE SAND UNIT DELHI	010	EDDY	S:30, T:17S, R:28E		O	Active	Jan 1957	Dec 1971	0.39
30-015-01622	KERSEY RED LAKE PREMIER SAND UNIT	RED LAKE SAND UNIT STALEY	001	EDDY	S:30, T:17S, R:28E		O	Active	Jan 1958	Dec 1963	0.45
30-015-01623	NIX & CURTIS	DELHI STATE	003	EDDY	S:30, T:17S, R:28E		O	Active	Jan 1953	Jul 1953	0.45
30-015-31285	SDX RESOURCES INC	STALEY STATE	2	EDDY	S:30, T:17S, R:28E	3,990	U	Pumping	Apr 2002	Feb 2005	0.50
30-015-00000	KERSEY RED LAKE PREMIER SAND UNIT	RED LAKE PR SD UT TR 1	010	EDDY	S:30, T:17S, R:28E		O	Active	Jan 1965	Dec 1969	0.52
30-015-00000	DELHI OIL CORP	STATE	'10-8	EDDY	S:30, T:17S, R:28E		O	Active	Feb 1949	Dec 1949	0.61
30-015-00000	BEDINGFIELD, J. E.	SUNRAY STATE	'1-2	EDDY	S:30, T:17S, R:28E		O	Active	Jan 1956	Dec 1957	0.81
30-015-39298	COG OPERATING LLC	MAPLE STATE	004	EDDY	S:30, T:17S, R:28E	4,892	U	Active Permit	Nov 2011	Nov 2011	0.87
30-015-00000	BEATRICE BEACINGFILED	SUNRAY STATE	001	EDDY	S:30, T:17S, R:28E		O	Active	Jan 1970	Dec 1970	0.90
30-015-00000	ASTON & FAIR	STATE	001	EDDY	S:30, T:17S, R:28E		O	Active	Jan 1947	Dec 1955	0.94
30-015-36564	LRE OPERATING, LLC	STALEY STATE	9	EDDY	S:30, T:17S, R:28E	4,010	U	Active Permit	May 2009	Feb 2012	0.97
30-015-23925	COG OPERATING LLC	RED LAKE SAND UNIT	007	EDDY	S:30, T:17S, R:28E	0	PG	Active	Dec 2003	Feb 2012	1.21
30-015-23165	COG OPERATING LLC	RED LAKE SAND UNIT	008	EDDY	S:30, T:17S, R:28E	9,991	O	Active	Dec 2003	Feb 2012	1.21
30-015-34086	LRE OPERATING, LLC	STALEY STATE	3	EDDY	S:30, T:17S, R:28E	3,994	O	Active Permit	Jul 2005	Jan 2009	1.29
30-015-33167	MACK ENERGY CORP		1	EDDY	S:30, T:17S, R:28E	7,500	O	Active	Mar 2004	Oct 2004	1.42
30-015-31285	LRE OPERATING, LLC	STALEY STATE	2	EDDY	S:30, T:17S, R:28E	3,990	U	Pumping	Mar 2001	Feb 2012	1.52
30-015-01622	SCANNELL, E. E.	STATE	001	EDDY	S:30, T:17S, R:28E		O	Active	Feb 1949	Oct 1951	1.71
30-015-01620	NIX & CURTIS	SUNRAY ST.	001	EDDY	S:30, T:17S, R:28E		PD	Active	Jan 1953	Dec 1955	1.81
30-015-01621	NIX & CURTIS	SUNRAY ST.	002	EDDY	S:30, T:17S, R:28E		O	Shut-in	Jan 1955	Dec 1955	1.81
30-015-00000	SO. UNION GAS CO.	STATE H	010	EDDY	S:30, T:17S, R:28E		O	Active	Jan 1948	Dec 1948	1.94
30-015-00000	DELHI OIL CORPORATION	STATE	'8-10	EDDY	S:30, T:17S, R:28E		O	Active	Jan 1951	Oct 1951	2.13
30-015-00000	KERSEY RED LAKE PREMIER SAND UNIT	RED LAKE PR SD UT TR 5	001	EDDY	S:30, T:17S, R:28E		O	Active	Jan 1965	Dec 1971	2.26
30-015-36564	LRE OPERATING, LLC	STALEY STATE	9	EDDY	S:30, T:17S, R:28E	4,010	U	Active Permit	Mar 2011	Feb 2012	4.24

30-015-34086	LRE OPERATING, LLC	STALEY STATE	3	EDDY	S:30, T:17S, R:28E	3,994	O	Active Permit	Sep 2008	Feb 2012	5.03
30-015-36253	LRE OPERATING, LLC	STALEY STATE	7	EDDY	S:30, T:17S, R:28E	3,960	U	Active Permit	Sep 2008	Feb 2012	5.97
30-015-37056	LRE OPERATING, LLC	STALEY STATE	6	EDDY	S:30, T:17S, R:28E	4,766	O	Active Permit	Mar 2011	Feb 2012	6.21
30-015-00000		RED LAKE PR SD UT TR 5	003	EDDY	S:30, T:17S, R:28E		G	Active	Sep 1993	Dec 1993	7.42
30-015-36252	LRE OPERATING, LLC	STALEY STATE	4	EDDY	S:30, T:17S, R:28E	4,025	U	Active Permit	Sep 2008	Feb 2012	7.69
30-015-39297	COG OPERATING LLC	MAPLE STATE	003	EDDY	S:30, T:17S, R:28E	4,859	U	Active Permit	Oct 2011	Oct 2011	9.45
30-015-38511	LRE OPERATING, LLC	STALEY STATE	15	EDDY	S:30, T:17S, R:28E	4,796	U	Active Permit	Jun 2011	Feb 2012	10.55
30-015-36977	LRE OPERATING, LLC	STALEY STATE	8	EDDY	S:30, T:17S, R:28E	4,855	U	Active Permit	Jul 2009	Feb 2012	12.62
30-015-37044	LRE OPERATING, LLC	STALEY STATE	5	EDDY	S:30, T:17S, R:28E	4,790	U	Active Permit	Nov 2009	Feb 2012	13.17
30-015-36976	LRE OPERATING, LLC	STALEY STATE	11	EDDY	S:30, T:17S, R:28E	4,770	U	Active Permit	Oct 2009	Feb 2012	13.31
30-015-37673	LRE OPERATING, LLC	STALEY STATE	12	EDDY	S:30, T:17S, R:28E	4,785	U	Active Permit	Jul 2010	Feb 2012	15.97
30-015-37674	LRE OPERATING, LLC	STALEY STATE	14	EDDY	S:30, T:17S, R:28E	4,845	U	Active Permit	Jul 2010	Feb 2012	16.38
30-015-00000	KERSEY RED LAKE PREMIER SAND UNIT	RED LAKE SAND UNIT PIATT	001	EDDY	S:30, T:17S, R:28E		O	Active	Feb 1951	Dec 1964	21.61
30-015-38290	COG OPERATING LLC	MAPLE STATE	013	EDDY	S:30, T:17S, R:28E	4,825	U	Active Permit	Sep 2011	Feb 2012	21.90
30-015-37691	LRE OPERATING, LLC	ANTHONY	1	EDDY	S:30, T:17S, R:28E	4,900	U	Active Permit	Oct 2010	Feb 2012	23.28
30-015-39297	COG OPERATING LLC	MAPLE STATE	003	EDDY	S:30, T:17S, R:28E	4,859	U	Active Permit	Oct 2011	Feb 2012	23.83
30-015-38234	LRE OPERATING, LLC	ANTHONEY	2	EDDY	S:30, T:17S, R:28E	4,823	U	Active Permit	Apr 2011	Feb 2012	26.45
30-015-38290	COG OPERATING LLC	MAPLE STATE	013	EDDY	S:30, T:17S, R:28E	4,825	U	Active Permit	Sep 2011	Oct 2011	32.94
30-015-39298	COG OPERATING LLC	MAPLE STATE	004	EDDY	S:30, T:17S, R:28E	4,892	U	Active Permit	Nov 2011	Feb 2012	69.83
30-015-33167	COG OPERATING LLC	MAPLE STATE	1	EDDY	S:30, T:17S, R:28E	7,500	O	Active	Nov 2004	Feb 2012	

Producing Wells in Sec 30, T17S, R28E, Eddy County



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NSL Location

Operator: COG Operating LLC
SEC 19 T17S-R28E UL-M & N

Well name: Maple State #14

Operator: COG Operating LLC
SEC30 T17S-R28E UL-D