

DATE IN 8.3.11	SUSPENSE	ENGINEER DB	LOGGED IN 8.3.11	TYPE NSL	APP NO. 1121550215
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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

Taylor P #30

ADMINISTRATIVE APPLICATION CHECKLIST

30-025-40205

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]

6459

[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 _____

RECEIVED OGD
 2011 AUG - 3 P 12:50

[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

8-1-11
 Date

(432) 685-4384
 Phone Number

kholly@conchoresources.com
 E-mail Address

**Taylor D #30
Lea County, NM**

COG proposes to drill a **VERTICAL** NW/4, 40 acre spacing
Maljamar; Yeso, West oil well
TD of approximately 7000'

Location:

2425' FNL & 330' FWL Sec 10, T17S, R32E, Unit E

This well had to be drilled at a non-standard location due to buried pipelines.

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 J C Federal #9 (1650' FNL & 1650' FEL, Section 22, T17S, R32E, UL G) which was completed in October 2007.

The J C Federal #9 completion has Yeso perms from 5478' – 6535', divided into 3 perf/stimulation intervals.

1st interval: 5478' – 5840',
acidized w/ 3000 gals,
frac'd w/ 42,294 gals 40# linear gel; 38,096 gal 30# linear gel; 7,382# LiteProp;
22,049# 16/30 white; 21,873# SiberProp resin coated; Flush w/5,292 gal linear gel.

2nd interval: 6055' – 6255',
acidized w/ 5342 gals,
frac'd w/ 50,048# gal gel & 61,612 gals 16/30 sand.

3rd interval: 6335' – 6535',
acidized w/ 5000 gals,
frac'd w/ 49,601# gal gel & 45,586 gals 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 the NW/4 SW/4 of Section 10 and SE/4 NE/4 of Section 9.

Interests are the same.

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

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210
DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
DISTRICT IV
11885 S. ST. FRANCIS DR., SANTA FE, NM 87505

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

Form C-102
Revised July 16, 2010
Submit to Appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025	Pool Code 44500	Pool Name <i>undes.</i> Maljamar; Yeso, West
Property Code 37687	Property Name TAYLOR D	Well Number 30
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 4124'

Surface Location

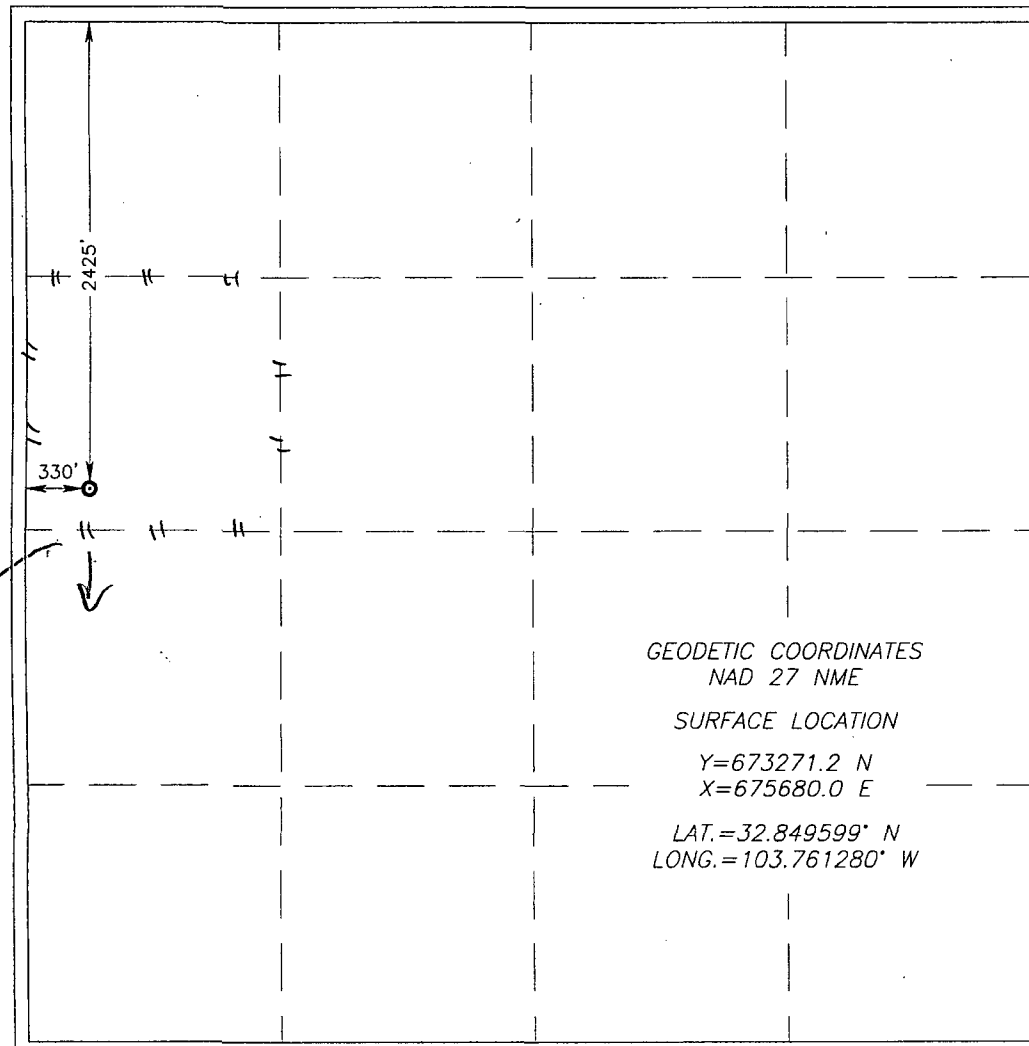
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	10	17-S	32-E		2425	NORTH	330	WEST	LEA

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



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.

Kelly J. Holly 7-27-11
Signature Date
Kelly J. Holly
Printed Name
kholly@concho.com
E-mail Address

SURVEYOR CERTIFICATION

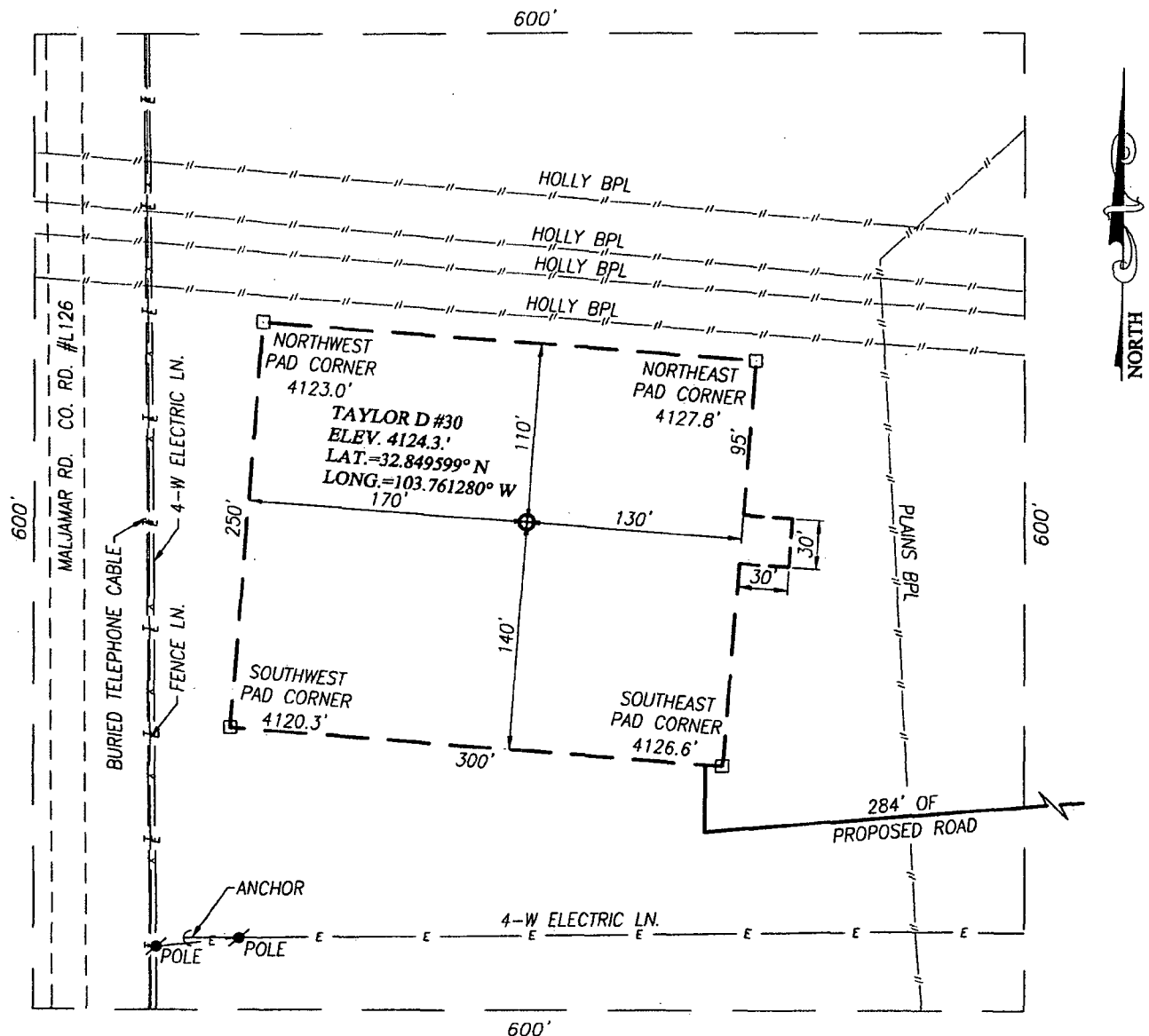
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

JULY 7, 2011

Date of Survey
Signature & Seal of Professional Surveyor:

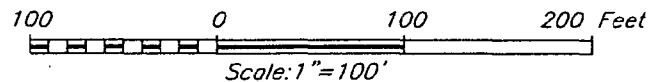
Ronald J. Eidson
RONALD J. EIDSON
NEW MEXICO
3239
Certificate Number Gary O. Eidson 12641
Ronald J. Eidson 3239
DSS JWSC W.O.: 10.11.1885

SECTION 10, TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF U.S. HWY. #82 AND CO. RD. #L126 (MALJAMAR ROAD), GO SOUTH ON CO. RD. #L126 APPROX. 0.6 MILES. TURN LEFT AND GO EAST APPROX. 0.1 MILE. TURN LEFT AND GO NORTH APPROX. 0.2 MILES. TURN LEFT AT PROPOSED ROAD SURVEY STAKES AND GO WEST, THEN NORTH APPROX. 284 FEET TO THIS LOCATION.



COG OPERATING, LLC

TAYLOR D #30 WELL
LOCATED 2425 FEET FROM THE NORTH LINE
AND 330 FEET FROM THE WEST LINE OF SECTION 10,
TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO

Survey Date: 7/7/11	Sheet 1 of 1 Sheets
W.O. Number: 10.11.1885	Dr By: DSS
Date: 7/13/11	10111885
	Scale: 1"=100'

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

Producing Wells in Sec 10, T17S, R32E, Lea County

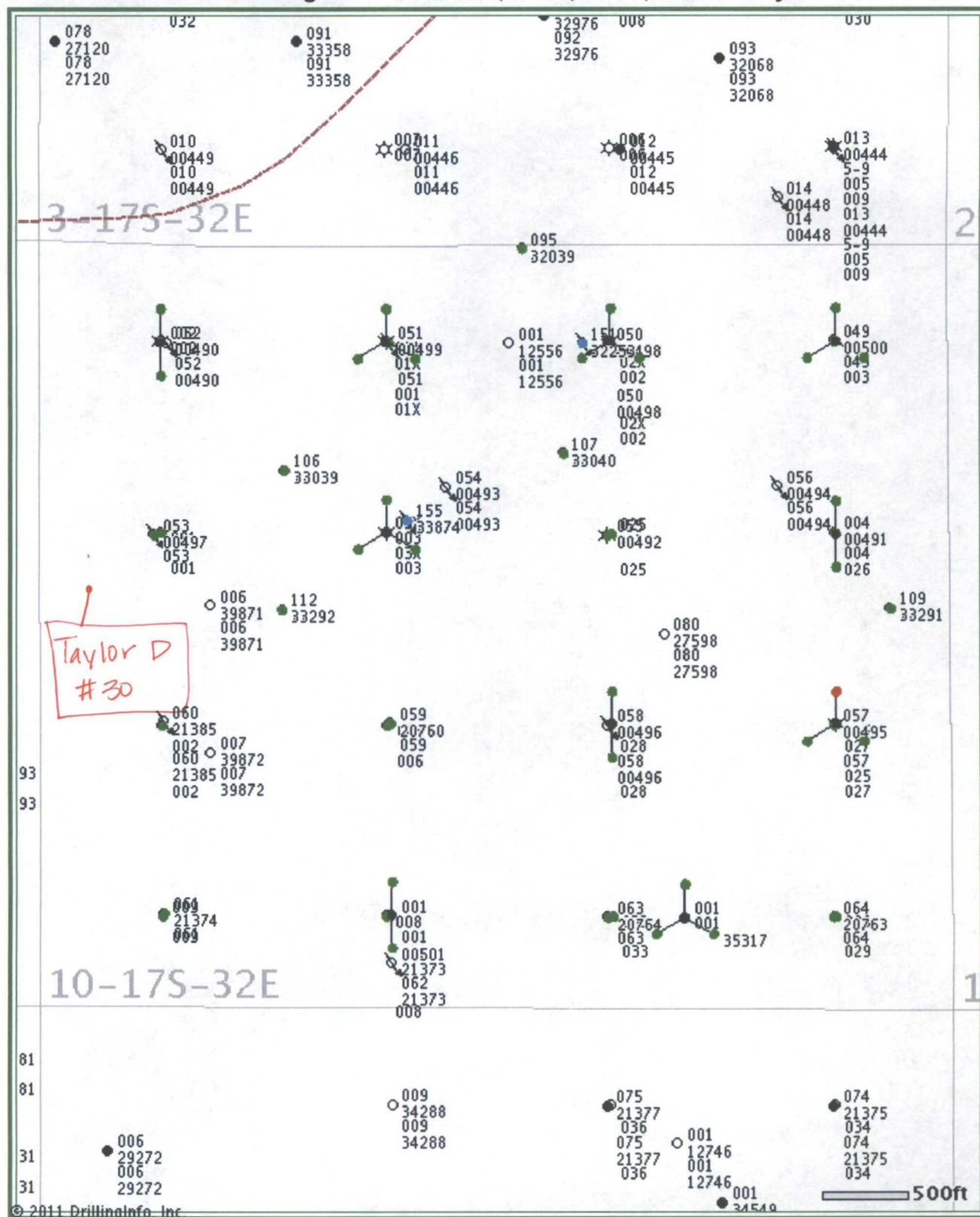
API#	Operator	Lease	Well#	County	Legal	Total Depth	Well Type	Well Status	First Prod.	Last Prod.	Avg. (BO/D)
30-025-20760	FOREST OIL CORPORATION	MALJAMAR GRAYBURG UNIT	059	LEA	S:10, T:17S, R:32E		PO	Temporarily Abandoned	Jan 1967	Dec 1985	0.00
30-025-21374	FOREST OIL CORPORATION	MALJAMAR GRAYBURG UNIT	061	LEA	S:10, T:17S, R:32E	4,200	PO	Shut-in	Jan 1967	Aug 2004	0.00
30-025-00000	NICHOLS LEONARD	ILES FEDERAL REPORT NO 2	025	LEA	S:10, T:17S, R:32E		G	Active	Sep 1962	Dec 1962	0.00
30-025-00000	SINCLAIR OIL AND GAS CO	ILES X FEDERAL	008	LEA	S:10, T:17S, R:32E		AP	Unknown	Jul 1965	Apr 1986	0.10
30-025-33292	FOREST OIL CORPORATION	MALJAMAR GRAYBURG UNIT	112	LEA	S:10, T:17S, R:32E	4,450	O	Pumping	Jun 1996	Mar 2010	0.19
30-025-20764	WISER OIL CO (THE)	MALJAMAR GRAYBURG UNIT	063	LEA	S:10, T:17S, R:32E		O	Temporarily Abandoned	Jan 1967	Jul 1974	0.29
30-025-00495	FOREST OIL CORPORATION	MALJAMAR GRAYBURG UNIT	057	LEA	S:10, T:17S, R:32E	0	O	Active	Jan 1967	Aug 2010	0.45
30-025-33040	FOREST OIL CORPORATION	MALJAMAR GRAYBURG UNIT	107	LEA	S:10, T:17S, R:32E	4,450	O	Pumping	Jun 1996	Mar 2011	0.52
30-025-33291	FOREST OIL CORPORATION	MALJAMAR GRAYBURG UNIT	109	LEA	S:10, T:17S, R:32E	4,400	O	Pumping	Sep 1996	Apr 2010	0.67
30-025-32039	FOREST OIL CORPORATION	MALJAMAR GRAYBURG UNIT	095	LEA	S:10, T:17S, R:32E	4,406	O	Pumping	Aug 1993	Dec 2009	0.84
30-025-33039	FOREST OIL CORPORATION	MALJAMAR GRAYBURG UNIT	106	LEA	S:10, T:17S, R:32E	4,425	O	Active	Mar 1996	Apr 2011	0.90
30-025-00000	BOLLER & NICHOLS	ILES	002	LEA	S:10, T:17S, R:32E		G	Active	Nov 1946	Dec 1960	0.90
30-025-00000	NICHOLS LEONARD	ILES X FEDERAL	003	LEA	S:10, T:17S, R:32E		G	Active	Jan 1961	Jan 1963	1.00
30-025-00000	SINCLAIR OIL AND GAS CO	A C TAYLOR H	002	LEA	S:10, T:17S, R:32E		AP	Unknown	May 1965	Apr 1966	1.07
30-025-00491	BOLLER & NICHOLS	ILES	004	LEA	S:10, T:17S, R:32E		O	Active	Feb 1948	Apr 1955	1.13
					S:10,						

30-025-00000	NICHOLS LEONARD	ILES X FEDERAL	002	LEA	T:17S, R:32E		G	Active		Jan 1961	Mar 1962	1.26
30-025-00000	BOLLER & NICHOLS	ILES	003	LEA	S:10, T:17S, R:32E		O	Active		Jun 1947	Dec 1960	1.65
30-025-00000	NICHOLS LEONARD	ILES FEDERAL REPT 3	003	LEA	S:10, T:17S, R:32E		O	Active		Jan 1963	Dec 1966	1.90
30-025-00500	CHEVRON U S A INC	MALJAMAR GRAYBURG UNIT	049	LEA	S:10, T:17S, R:32E		O	Active		Jan 1967	Mar 1967	2.00
30-025-00000	BOLLER & NICHOLS	ILES	002	LEA	S:10, T:17S, R:32E		G	Active		Aug 1946	Dec 1960	2.23
30-025-00000	SINCLAIR OIL AND GAS CO	ILES FEDERAL BATTERY 3	033	LEA	S:10, T:17S, R:32E		AP	Unknown		Jan 1965	Dec 1966	2.90
30-025-00000	BOLLER & NICHOLS	ILES	003	LEA	S:10, T:17S, R:32E		G	Active		Jan 1952	Dec 1960	2.94
30-025-20763	CHEVRON U S A INC	MALJAMAR GRAYBURG UNIT	064	LEA	S:10, T:17S, R:32E		O	Active		Jan 1967	Dec 1971	3.39
30-025-35317	DEVON ENERGY PRODUCTION COMPANY, LP	MALJAMAR 10 FEDERAL	001	LEA	S:10, T:17S, R:32E	12,700	O	Flowing		Oct 2004	Apr 2011	3.43
30-025-00000	NICHOLS LEONARD	ILES X FEDERAL	002	LEA	S:10, T:17S, R:32E		G	Active		Jan 1961	Nov 1962	3.73
30-025-35317	DEVON ENERGY PRODUCTION COMPANY, LP	MALJAMAR 10 FEDERAL	001	LEA	S:10, T:17S, R:32E	12,700	O	Flowing		Dec 2002	Apr 2011	4.60
30-025-00501	WALSH & WATTS INC	ILES FEDERAL	001	LEA	S:10, T:17S, R:32E	11,713	O	Pumping		Jan 1963	May 2011	4.68
30-025-00000	SINCLAIR OIL AND GAS CO	ILES X FEDERAL	009	LEA	S:10, T:17S, R:32E		AP	Unknown		Jul 1965	Dec 1966	4.97
30-025-00000	BOLLER & NICHOLS	ILES	02X	LEA	S:10, T:17S, R:32E		O	Active		Jan 1949	Dec 1953	6.42
30-025-00000	BOLLER & NICHOLS	ILES	03X	LEA	S:10, T:17S, R:32E		O	Active		Jan 1951	Dec 1953	6.42
30-025-00000	BOLLER & NICHOLS	ILES	001	LEA	S:10, T:17S, R:32E		G	Active		Jan 1950	Dec 1960	6.58
30-025-00492	SINCLAIR OIL AND GAS CO.	MALJAMAR GRAYBURG UNIT	055	LEA	S:10, T:17S, R:32E		G	Active		Jan 1967	Dec 1969	9.87
					S:10,							

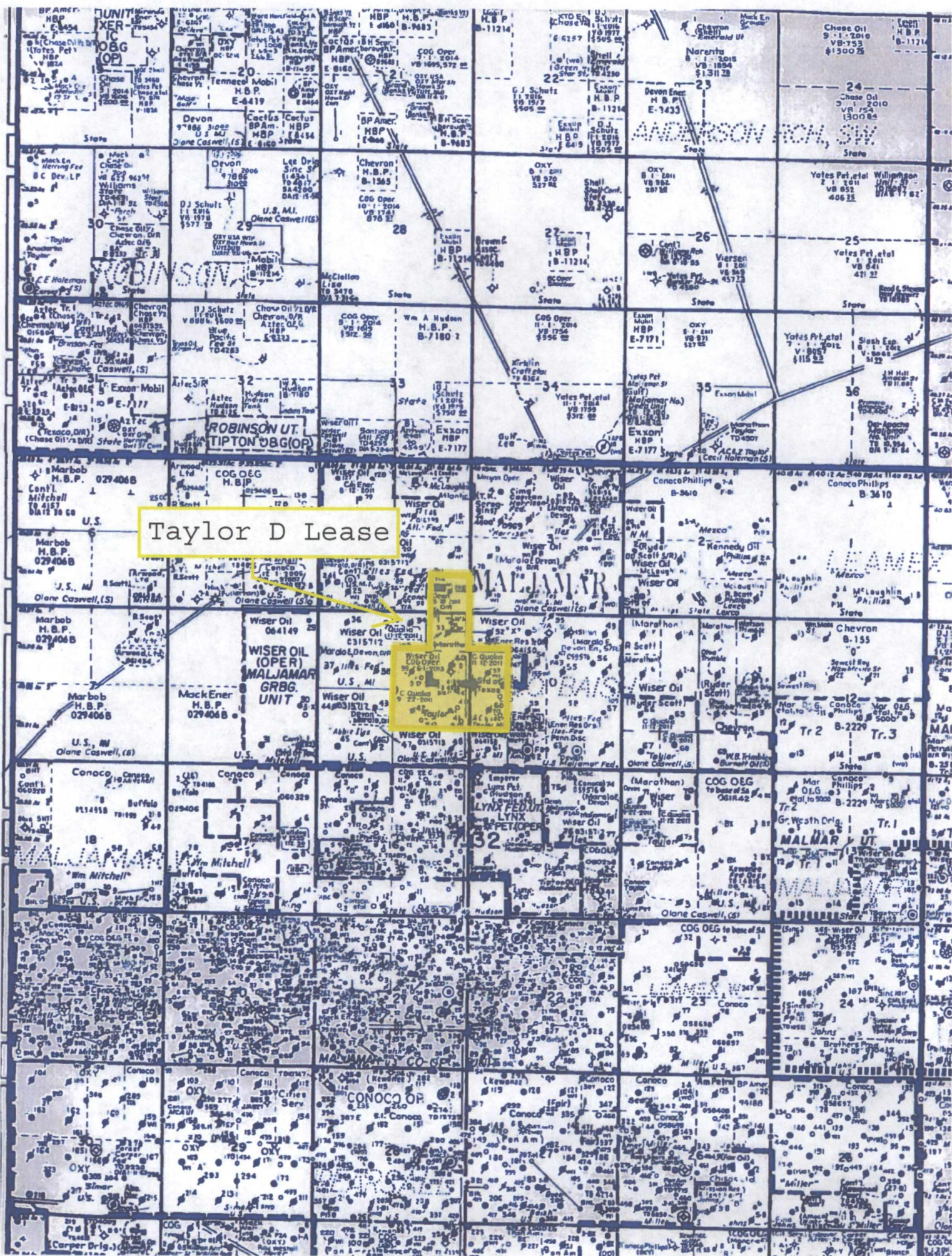
30-025-00000	SINCLAIR OIL AND GAS CO	ILES X FEDERAL	006	LEA	T:17S, R:32E			AP	Unknown		Jan 1965	Dec 1966	10.52
30-025-00000	NICHOLS LEONARD	A C TAYLOR H	001	LEA	S:10, T:17S, R:32E			O	Active		Dec 1962	Dec 1966	12.61
30-025-00000	NICHOLS LEONARD	ILES FEDERAL REPT 3	027	LEA	S:10, T:17S, R:32E			O	Active		Jan 1963	Dec 1966	13.87
30-025-00000	BOLLER, RUTLEDGE & NICHOLS	ILES	01X	LEA	S:10, T:17S, R:32E			O	Active		May 1946	Dec 1951	17.03
30-025-00000	NICHOLS LEONARD	ILES FEDERAL REPT 3	025	LEA	S:10, T:17S, R:32E			O	Active		Jan 1963	Dec 1966	29.74
30-025-00000	NICHOLS LEONARD	ILES FEDERAL REPORT NO 2	027	LEA	S:10, T:17S, R:32E			O	Active		Dec 1962	Dec 1962	30.84
30-025-00000	NICHOLS LEONARD	ILES FEDERAL REPORT NO 2	028	LEA	S:10, T:17S, R:32E			O	Active		Dec 1962	Dec 1962	30.84
30-025-00000	NICHOLS LEONARD	ILES FEDERAL REPT 3	028	LEA	S:10, T:17S, R:32E			O	Active		Jan 1963	Dec 1963	31.55
30-025-00000	NICHOLS LEONARD	ILES FEDERAL REPORT NO 2	003	LEA	S:10, T:17S, R:32E			O	Active		Jan 1961	Dec 1962	37.00
30-025-00000	NICHOLS LEONARD	ILES FEDERAL REPT 3	026	LEA	S:10, T:17S, R:32E			O	Active		Jan 1963	Dec 1963	41.00
30-025-00000	NICHOLS LEONARD	ILES X FEDERAL	001	LEA	S:10, T:17S, R:32E			G	Active		Jan 1961	Dec 1966	42.03
30-025-00501	PAN AMERICAN PETROLEUM CORP	NORTH MALJAMAR DEEP UNIT	001	LEA	S:10, T:17S, R:32E		11,713	O	Pumping		Nov 1962	Dec 1962	43.23
30-025-35317	DEVON ENERGY PRODUCTION COMPANY, LP	MALJAMAR 10 FEDERAL	001	LEA	S:10, T:17S, R:32E		12,700	O	Flowing		Dec 2001	Nov 2002	54.47
30-025-00000	NICHOLS LEONARD	ILES FEDERAL REPORT NO 2	026	LEA	S:10, T:17S, R:32E			O	Active		Sep 1962	Dec 1962	61.65
30-025-00000	SINCLAIR OIL AND GAS CO	ILES FEDERAL BATTERY 3	029	LEA	S:10, T:17S, R:32E			AP	Unknown		Jan 1965	Dec 1966	65.42
30-025-00497	FOREST OIL CORPORATION	MALJAMAR GRAYBURG UNIT	053	LEA	S:10, T:17S, R:32E		0	I	Injection Well		Jan 1967	Jan 2009	
30-025-00499	FOREST OIL CORPORATION	MALJAMAR GRAYBURG UNIT	051	LEA	S:10, T:17S, R:32E		4,233	I	Injection Well		Jan 1967	Oct 2008	
					S:10,								

30-025-32253	FOREST OIL CORPORATION	MALJAMAR GRAYBURG UNIT	151	LEA	T:17S, R:32E	4,435	I	Injection Well	Jan 2001	Apr 2011	
30-025-33874	FOREST OIL CORPORATION	MALJAMAR GRAYBURG UNIT	155	LEA	S:10, T:17S, R:32E	4,207	I	Injection Well	Jan 2001	Apr 2011	

Producing Wells in Sec 10, T17S, R32E, Lea County



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Brooks, David K., EMNRD

From: Brooks, David K., EMNRD
Sent: Tuesday, August 30, 2011 4:43 PM
To: 'Kelly Holly'
Subject: Taylor D #30 NSL Application

Dear Ms. Holly

In this application, you indicate that the proposed location encroaches toward the NW/4 SW/4 of Section 10 and the SE/4 NE/4 of Section 9. Actually it seems that it does not encroach toward the SE/NE of 9, because it is 330 feet from the W line of Section 10. Rather, it encroaches diagonally toward the NE/4 SW/4 of Section 9.

Please advised if COG also owns 100% of the NE/SW of Section 9.

Thanks
David K. Brooks

Brooks, David K., EMNRD

From: Kelly Holly [kholly@concho.com]
Sent: Wednesday, August 31, 2011 8:09 AM
To: Brooks, David K., EMNRD
Subject: RE: Taylor D #30 NSL Application

We own 100% of the NE/4 SE/4 of Section 9.

Kelly Holly

KHolly@concho.com
Permitting Tech - NM
COG OPERATING LLC
550 W. Texas Avenue, Suite 100
Midland, Texas 79701
p.432.685.4384
f.432.687.8024



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From: Brooks, David K., EMNRD [<mailto:david.brooks@state.nm.us>]
Sent: Tuesday, August 30, 2011 5:53 PM
To: Kelly Holly
Subject: FW: Taylor D #30 NSL Application

CORRECTION ON THE BELOW EMAIL:

The apparent diagonal encroachment is toward the NE/4 SE/4 of Section 9. Please advise regarding ownership of that quarter-quarter.

David Brooks

From: Brooks, David K., EMNRD
Sent: Tuesday, August 30, 2011 4:43 PM
To: 'Kelly Holly'
Subject: Taylor D #30 NSL Application

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Thanks

David K. Brooks