

ABOVE THIS LINE FOR DIVISION USE ONLY

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



COG-OP. LLC 229137

TAYLOR D #18

2012 JUN 5 1:39

ADMINISTRATIVE APPLICATION CHECKLIST

30-225-40545

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]

6649

[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 _____

E-9-175-32E

State/Lea

[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

6-4-12
Date

(432) 685-4384
Phone Number

kholly@concho.com
E-mail Address

**Taylor D #18
Lea County, NM**

COG proposes to drill a **VERTICAL** NE/4 SE/4, 40 acre spacing
Maljamar; Yeso, West oil well
TD of approximately 7100'

Location:

1560' FSL & 990' FEL Sec 9, T17S, R32E, Unit I

**This well had to be drilled at a non-standard location due to electrical lines
and surface 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 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 on is Units O and P of Section 9.

Proof of notification to Occidental Permian and CCS Resources 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 30-025-	Pool Code 44500	Pool Name Maljamar; Yeso, West
Property Code 37687	Property Name TAYLOR D	Well Number 18
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 4086'

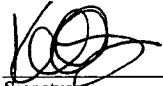

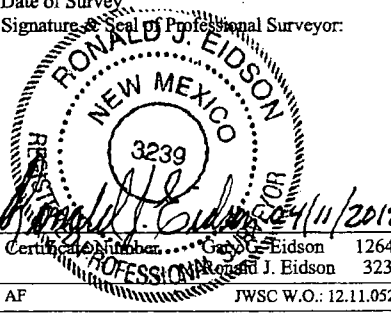
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	9	17-S	32-E		1560	SOUTH	990	EAST	LEA

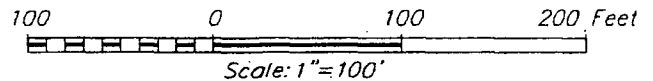
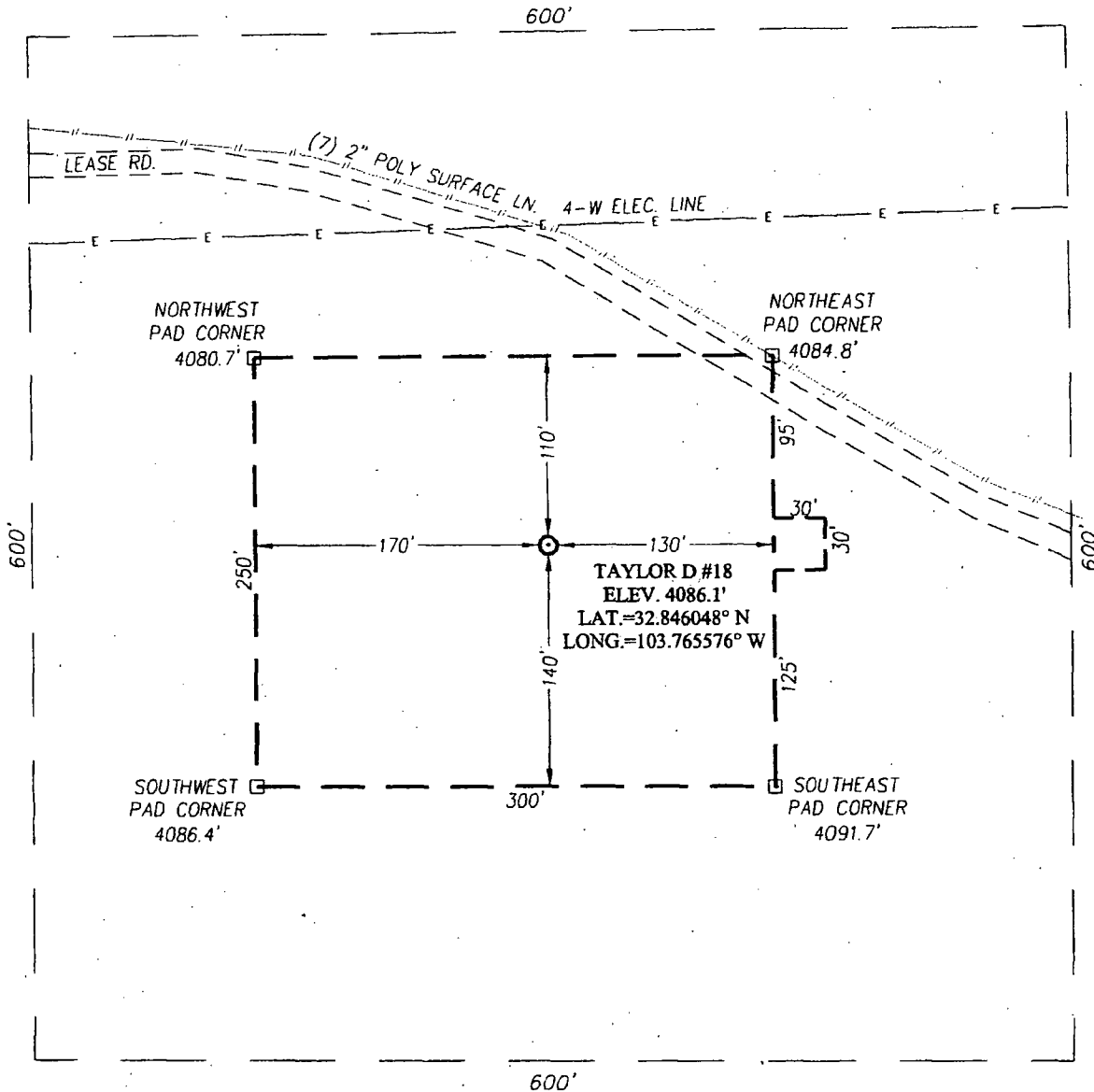
Bottom Hole Location If Different From Surface

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.						

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

<p>GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=671972.2 N X=674367.7 E LAT.=32.846048° N LONG.=103.765576° W</p> <p>990'</p> <p>1560'</p>	<p>OPERATOR CERTIFICATION</p> <p>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.</p> <p> 5-23-12 Signature Date</p> <p>Kelly J. Holly Printed Name</p> <p>kholly@concho.com E-mail Address</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>MARCH 20, 2012 Date of Survey</p> <p>Signature of Professional Surveyor: </p> <p></p> <p>Certification Number: 3239 Ronald J. Eidson AF JWSC W.O.: 12.11.0526</p>

SECTION 9, TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY **NEW MEXICO**



DIRECTIONS TO LOCATION

AT MALJAMAR ROAD AND U.S. HWY. 82 GO SOUTH APPROX. 0.6 MILES. TURN RIGHT AND GO SOUTHWEST APPROX. 0.2 MILES TO THIS LOCATION.

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

COG OPERATING, LLC

TAYLOR D #18 WELL
 LOCATED 1560 FEET FROM THE SOUTH LINE
 AND 990 FEET FROM THE EAST LINE OF SECTION 9,
 TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.,
 LEA COUNTY, NEW MEXICO

Survey Date: 3/20/12	CAD Date: 4/3/12	Drawn By: AF
W.O. No.: 12110526	Rev:	Rel. W.O.:

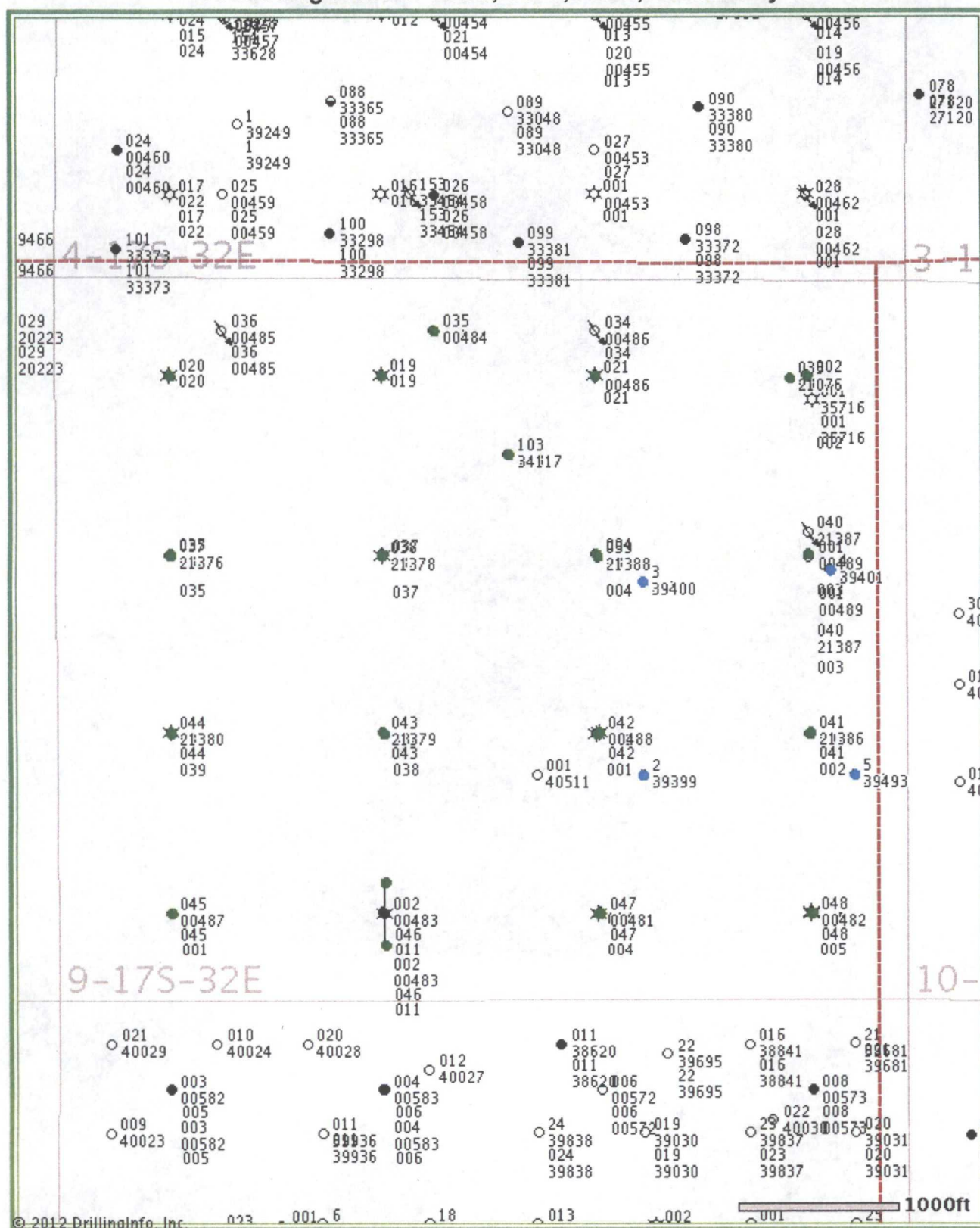
Sheet 1 of 1

Producing Wells in Sec 9, T17S, R32E, Lea County

API#	Operator	Lease	Well#	County	Legal	Total Depth	Well Type	Well Status	First Prod.	Last Prod.	Avg. (BO/D)
30-025-21388	WISER OIL CO (THE)	MALJAMAR GRAYBURG UNIT	039	LEA	S:9, T:17S, R:32E	4,180	O	Temporarily Abandoned	Jan 1967	Nov 1975	0.20
30-025-00488	CHEVRON U S A INC	MALJAMAR GRAYBURG UNIT	042	LEA	S:9, T:17S, R:32E	4,122	G	Active	Jan 1967	May 1967	0.42
30-025-00484	WISER OIL CO (THE)	MALJAMAR GRAYBURG UNIT	035	LEA	S:9, T:17S, R:32E	0	O	Temporarily Abandoned	Jan 1967	Nov 1976	0.43
30-025-00000	SINCLAIR OIL AND GAS CO	A C TAYLOR ET AL	003	LEA	S:9, T:17S, R:32E		AP	Unknown	Aug 1965	Apr 1966	0.57
30-025-00487	LINN OPERATING, INC.	MALJAMAR GRAYBURG UNIT	045	LEA	S:9, T:17S, R:32E	0	O	Active	Jan 1967	Feb.2012	0.72
30-025-21379	LINN OPERATING, INC.	MALJAMAR GRAYBURG UNIT	043	LEA	S:9, T:17S, R:32E	4,116	O	Active	Jan 1967	Feb 2012	0.72
30-025-34117	LINN OPERATING, INC.	MALJAMAR GRAYBURG UNIT	103	LEA	S:9, T:17S, R:32E	4,400	O	Pumping	Oct 1997	Feb 2012	0.72
30-025-00000	NICHOLS	TAYLOR	001	LEA	S:9, T:17S, R:32E		G	Active	May 1960	Dec 1966	0.84
30-025-00000	BOLLER & NICHOLS	ABBIE ILES	001	LEA	S:9, T:17S, R:32E		O	Active	Jan 1945	Dec 1966	1.06
30-025-00000	BOLLER NICHOLS	ILES X FED	004	LEA	S:9, T:17S, R:32E		G	Active	Jan 1960	Dec 1966	1.13
30-025-00000	SINCLAIR OIL AND GAS CO	MALJAMAR GRAYBURG UNIT	046	LEA	S:9, T:17S, R:32E		G	Active	Jan 1967	May 1967	1.16
30-025-21076	CHEVRON U S A INC	MALJAMAR GRAYBURG UNIT	033	LEA	S:9, T:17S, R:32E	4,040	O	Active	Jan 1967	Jun 1992	1.37
30-025-00482	CHEVRON U S A INC	MALJAMAR GRAYBURG UNIT	048	LEA	S:9, T:17S, R:32E		G	Active	Jan 1967	May 1967	1.39
30-025-00481	LINN OPERATING, INC.	MALJAMAR GRAYBURG UNIT	047	LEA	S:9, T:17S, R:32E	0	O	Pumping	Jan 1967	Feb 2012	1.45
30-025-21386	LINN OPERATING, INC.	MALJAMAR GRAYBURG UNIT	041	LEA	S:9, T:17S, R:32E	4,175	O	Pumping	Jan 1967	Feb 2012	1.45
30-025-21380	CHEVRON U S A INC	MALJAMAR GRAYBURG UNIT	044	LEA	S:9, T:17S, R:32E	4,120	G	Active	Jan 1967	May 1967	1.74
30-025-21376	CHEVRON U S A INC	MALJAMAR GRAYBURG UNIT	037	LEA	S:9, T:17S, R:32E	4,110	O	Active	Jan 1967	Dec 1969	1.94
30-025-00000	BOLLER NICHOLS	ILES FEDERAL	011	LEA	S:9, T:17S, R:32E		G	Active	Jun 1960	Dec 1966	2.00
30-025-00000	SINCLAIR OIL AND GAS CO	ILES FEDERAL	038	LEA	S:9, T:17S, R:32E		AP	Unknown	Sep 1965	Dec 1966	3.03
30-025-00000	NICHOLS LEONARD	ILES FEDERAL	020	LEA	S:9, T:17S, R:32E		G	Active	Aug 1961	Dec 1963	3.58
30-025-21378	CHEVRON U S A INC	MALJAMAR GRAYBURG UNIT	038	LEA	S:9, T:17S, R:32E	4,150	G	Active	Jan 1967	Jun 1967	4.23
30-025-00000	NICHOLS LEONARD	ILES FEDERAL	021	LEA	S:9, T:17S, R:32E		G	Active	Jan 1962	Dec 1963	5.03
	COG OPERATING				S:9, T:17S,						

30-025-39399	LLC	TAYLOR D	2	LEA	R:32E	7,006	O	Active Permit	Oct 2010	Feb 2012	5.07
30-025-00000	SINCLAIR OIL AND GAS CO	ILES FEDERAL	039	LEA	S:9, T:17S, R:32E		AP	Unknown	Sep 1965	Dec 1966	5.61
30-025-00000	SINCLAIR OIL AND GAS CO	ILES FEDERAL	035	LEA	S:9, T:17S, R:32E		AP	Unknown	Jun 1965	Dec 1966	5.84
30-025-00000	SINCLAIR OIL AND GAS CO	A C TAYLOR ET AL	002	LEA	S:9, T:17S, R:32E		AP	Unknown	Jul 1965	Dec 1966	6.61
30-025-00000	BOLLER NICHOLS	ILES X FED	005	LEA	S:9, T:17S, R:32E		G	Active	Jan 1960	Dec 1966	6.65
30-025-00000	SINCLAIR OIL AND GAS CO	ILES FEDERAL	037	LEA	S:9, T:17S, R:32E		AP	Unknown	Aug 1965	Dec 1966	14.94
30-025-39401	COG OPERATING LLC	TAYLOR D	4	LEA	S:9, T:17S, R:32E	7,020	O	Active Permit	Dec 2010	Feb 2012	20.45
30-025-00000	SINCLAIR OIL AND GAS CO	A C TAYLOR ET AL	004	LEA	S:9, T:17S, R:32E		AP	Unknown	Aug 1965	Dec 1966	22.94
30-025-39493	COG OPERATING LLC	TAYLOR D	5	LEA	S:9, T:17S, R:32E	7,022	O	Active Permit	Mar 2011	Feb 2012	28.79
30-025-39400	COG OPERATING LLC	TAYLOR D	3	LEA	S:9, T:17S, R:32E	7,018	O	Active Permit	Aug 2011	Feb 2012	32.00
30-025-00000	NICHOLS LEONARD	ILES FEDERAL	019	LEA	S:9, T:17S, R:32E		G	Active	Aug 1961	Dec 1966	36.19
30-025-00000	SINCLAIR OIL AND GAS CO	A C TAYLOR B	002	LEA	S:9, T:17S, R:32E		AP	Unknown	Jan 1965	Dec 1966	64.55

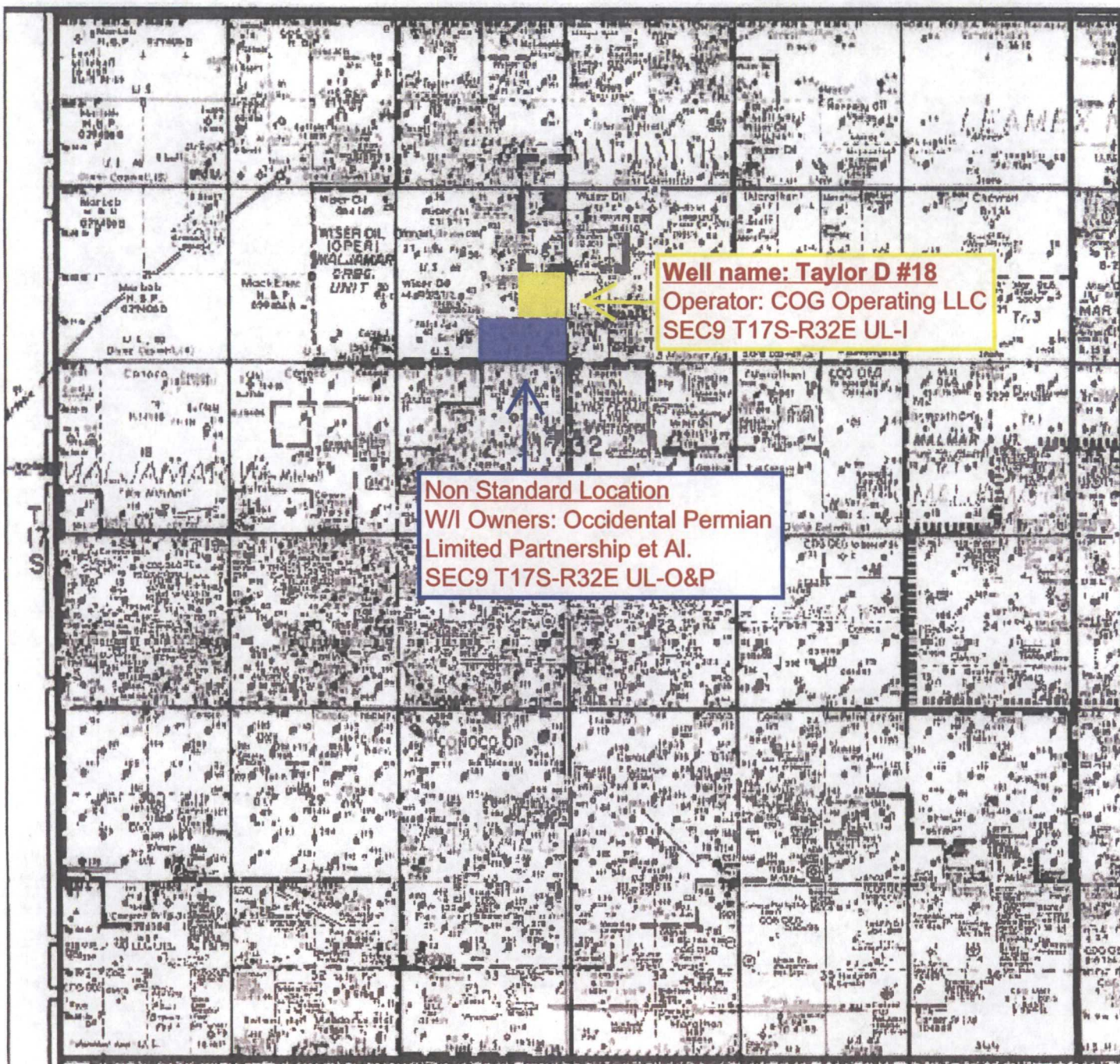
Producing Wells in Sec 9, T17S, R32E, Lea County



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Well name: Taylor D #18
Operator: COG Operating LLC
SEC9 T17S-R32E UL-I

Non Standard Location
W/I Owners: Occidental Permian
Limited Partnership et Al.
SEC9 T17S-R32E UL-O&P



Occidental Permian Limited Partnership 580 Westlake Pk Blvd. P.O. Box 4294 Houston TX 77210	39.2969%
COG Operating LLC 550 W. Texas Ste 1300 Midland TX 79701	19.6484%
CCS Resources, Inc. 5151 San Felipe Ste 400 Houston TX 77056	19.6484%

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

May 23, 2012

CCS Resources, Inc.
5151 San Felipe Ste 400
Houston TX 77056

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 Maljamar; Yeso, West oil well.

**Taylor D #18
Lea County, NM**

1560' FSL & 990' FEL Sec 9, T17S, R32E, Unit I

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



U.S.P.
ZIP 79
02 1W
000130

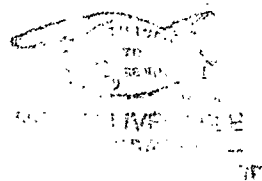


550 West Texas Avenue, Suite 100
Midland, Texas 79701

CCS Resources Inc
5151 San Felipe St 400
Houston, TX 77056

FOR

WF
5635
TB



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

May 23, 2012

Occidental Permian Limited Partnership
580 Westlake Pk Blvd.
P.O. Box 4294
Houston TX 77210

Re: Request for Unorthodox Well Location

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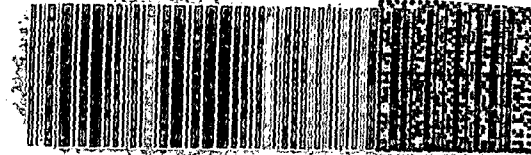
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Sincerely,

COG Operating LLC



Kelly J. Holly
Permitting Tech
432-685-4384
kholly@concho.com



ZIP 79701
02 111
00013640

91 7199 9991 7030 4043 4773



550 West Texas Avenue, Suite 100
Midland, Texas 79701

Occidental Permian Ltd.
580 Westlake PK Blvd.
Houston, TX 77079

ATTEMPTED
NOT KNOWN

OCCI580

770792029 1N

11/22/12