

ABOVE THIS LINE FOR DIVISION USE ONLY

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



**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 \_\_\_\_\_

- NSL  
 - COG operating, LLC  
 229137  
 WCI  
 - Grave Digger  
 State cum #8 H  
 30-015-43397

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

- [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

2015 OCT 21 P 2:38  
 RECEIVED OGD  
 Pool  
 - N. Seven-Rivers  
 Glaneta-yes

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

97565

[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 Holly

Permitting Tech

Print or Type Name

Signature

Title

khollv@concho.com

10/19/15  
 Date

**Grave Digger State Com #8H  
Eddy County, NM**

COG is requesting to **horizontally** drill a SE/4 SW/4 to NE/4 NW/4 160.6 acre spacing  
N Seven Rivers; Glorieta Yeso oil well  
Approximately: TVD 2879', MD 7438'

Non-standard Location:

SHL: 170' FSL & 1610' FWL      Sec 2, T20S, R25E, Unit N  
BHL: 330' FNL & 1550' FWL      Sec 2, T20S, R25E, Lot 3

**This well had to be staked at a non-standard location due to an existing well too close to original location.**

We won't know the exact perms until we drill & log it, but it will be very similar to the Grave Digger State Com #1H and is located at:

SHL: 330' FNL & 380' FWL      Section 2, T20S, R25E, Unit 4  
BHL: 322' FSL & 384' FWL      Section 2, T20S, R25E, Unit M

Grave Digger State Com #1H has perms from: 2880' – 6880' overall, but broken up into 5 separate intervals, with 5 separate fracs:

1<sup>st</sup> Perf: 2880-3480',  
acidized w/ 4861 gals, 15% NEFE; frac'd w/256764# sand & 516224 gal fluid

2<sup>nd</sup> Perf: 3730-4330',  
acidized w/ 2521 gals, 15% NEFE; frac'd w/249468# sand & 511005 gal fluid

3<sup>rd</sup> Perf: 4580-5180',  
acidized w/ 2427 gals, 15% NEFE; frac'd w/255948# sand & 519074 gal fluid

4<sup>th</sup> Perf: 5430-6030',  
acidized w/ 3985 gals, 15% NEFE; frac'd w/250253# sand & 532321 gal fluid

5<sup>th</sup> Perf: 6266-6880',  
acidized w/ 1506 gals, 15% NEFE; frac'd w/254588# sand & 512961 gal fluid

**Attachment 1**

Plat

**Attachment 2**

Map & legend of offset wells.

**Attachment 3**

Updated land plat showing that COG Operating LLC owns the 100% of Section 2. The acreage we are encroaching on is Units D, E, L and M of Section 2 (COG Operating). Unit M and N of Section 35 (COG Operating). Unit D & C of Section 11.

Offset acreage in section 11 is owned by Janet M. Hanley, Robert L. Aho and Sharon K. Aho, husband and wife, JTWROS, Catherine Connolly, Trustee of the Catherine Connolly Trust, a Revocable Trust under Agmt dtd 12-30-10. and to the Successor Trustees, Laurence David Willard, S&SP, Cheryl Ann Currier, s&sp, Steven R. Willard, s&sp, H.F. Investments, LLC, Constance D. Connelly, Trustee of the Constance D. Connelly 2015 Rev Trust, dtd 3/6/15, William J. Duncan (lease adds Carol O. Duncan, JTWROS), David R. Woodson and Loretta M. Woodson, Trustees of the David R. Woodson and Loretta M. Woodson Living Trust dtd 1/4/99, Tarleton A. Woodson, a/k/a T.A. Woodson and Sherrill M. Woodson, Trustees of the Tarleton A. Woodson, a/k/a T.A. Woodson and Sherrill M. Woodson Rev Trust created 5/6/98, William S. Woodson and Linda Kay Woodson, Trustees of the William S. Woodson and Linda Kay Woodson Trust dtd 12/17/99 and Thomas C. Woodson and Linda K. Woodson, JTWROS.

Proof of notification is attached.

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, NM 87505

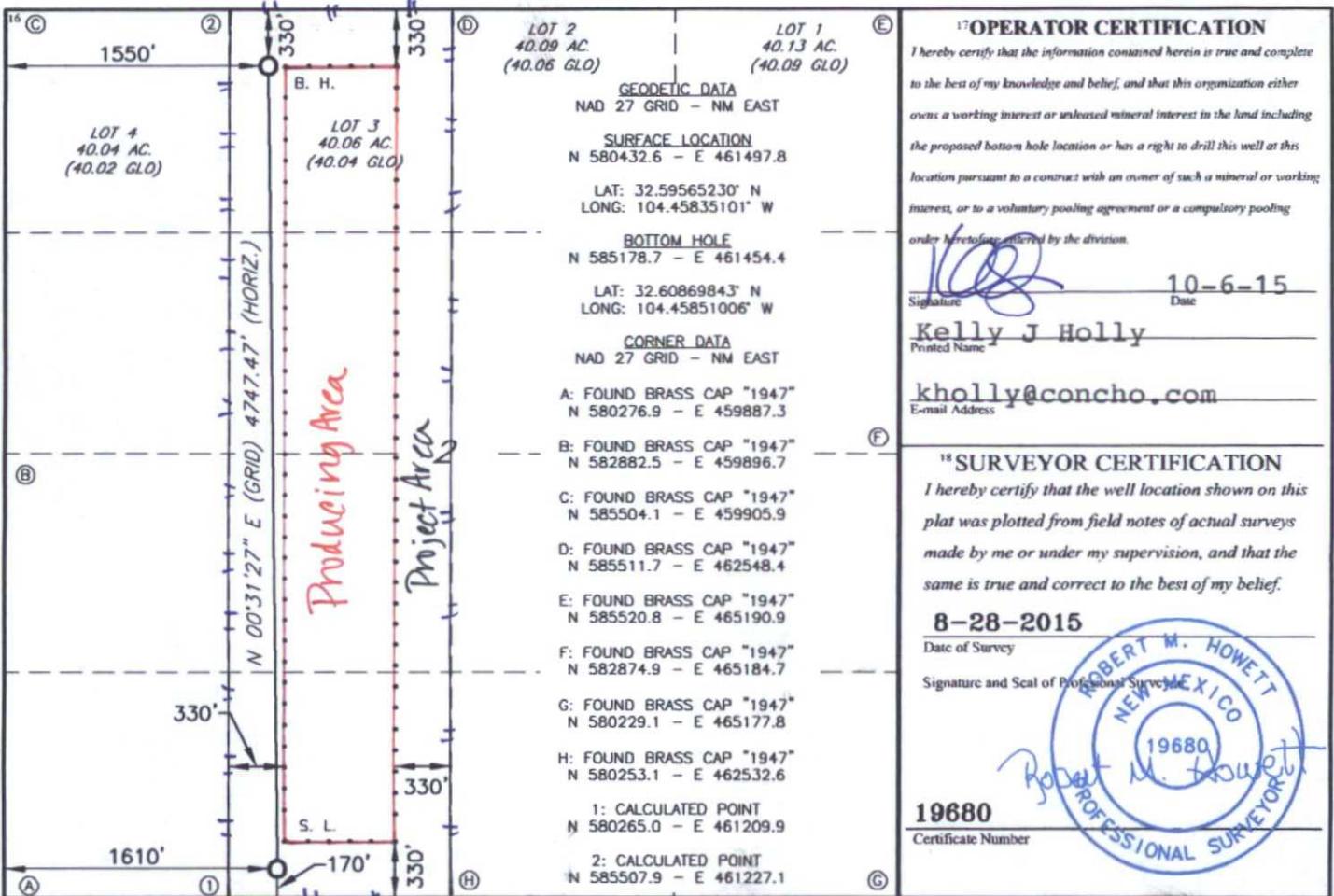
Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

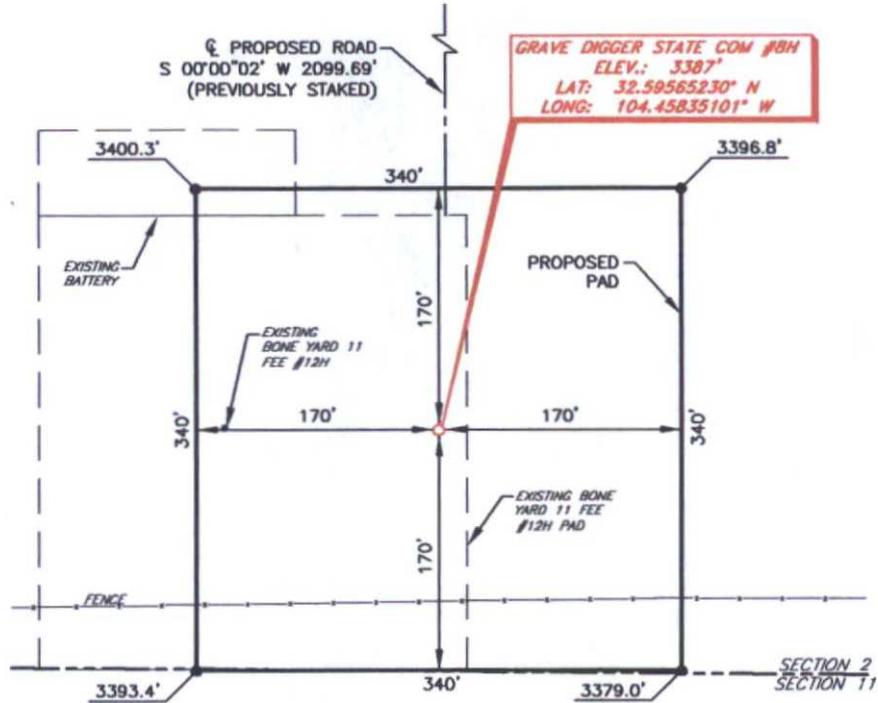
1 API Number <b>30-015-43397</b>		2 Pool Code <b>97565</b>		3 Pool Name <b>N Seven Rivers; Glorieta Veso</b>					
4 Property Code <b>308178</b>		5 Property Name <b>GRAVE DIGGER STATE COM</b>				6 Well Number <b>8H</b>			
7 OGRID NO. <b>229137</b>		8 Operator Name <b>COG OPERATING, LLC</b>				9 Elevation <b>3387'</b>			
10 Surface Location									
UL or lot no. <b>N</b>	Section <b>2</b>	Township <b>20S</b>	Range <b>25E</b>	Lot Idn	Feet from the <b>170</b>	North/South line <b>SOUTH</b>	Feet From the <b>1610</b>	East/West line <b>WEST</b>	County <b>EDDY</b>
11 Bottom Hole Location If Different From Surface									
UL or lot no. <b>3</b>	Section <b>2</b>	Township <b>20S</b>	Range <b>25E</b>	Lot Idn	Feet from the <b>330</b>	North/South line <b>NORTH</b>	Feet from the <b>1550</b>	East/West line <b>WEST</b>	County <b>EDDY</b>
12 Dedicated Acres <b>160.6</b>		13 Joint or Infill		14 Consolidation Code		15 Order No.			

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.



COG OPERATING, LLC

GRAVE DIGGER STATE COM #8H  
 (170' FSL & 1610' FWL)  
 SECTION 2, T20S, R25E  
 N. M. P. M., EDDY COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

From the intersection of US Hwy. 285 and CR-23 (Rock Daisy Rd.)  
 Go West on CR-23 approx. 3.0 miles to a lease road on the left;  
 Turn left and go South approx. 1.5 miles to a lease road on the left;  
 Turn left and go East approx. 0.3 miles to a proposed road on the right;  
 Turn right and go South approx. 0.4 miles to this location.



SCALE: 1" = 100'  
 0 50 100

BEARINGS ARE  
 NAD 27 GRID - NM EAST  
 DISTANCES ARE GROUND

Firm No.: IX 10193838 NM 4855451

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NO.	REVISION	DATE
JOB NO.: LS1508493		
DWG. NO.: 1508493PAD		

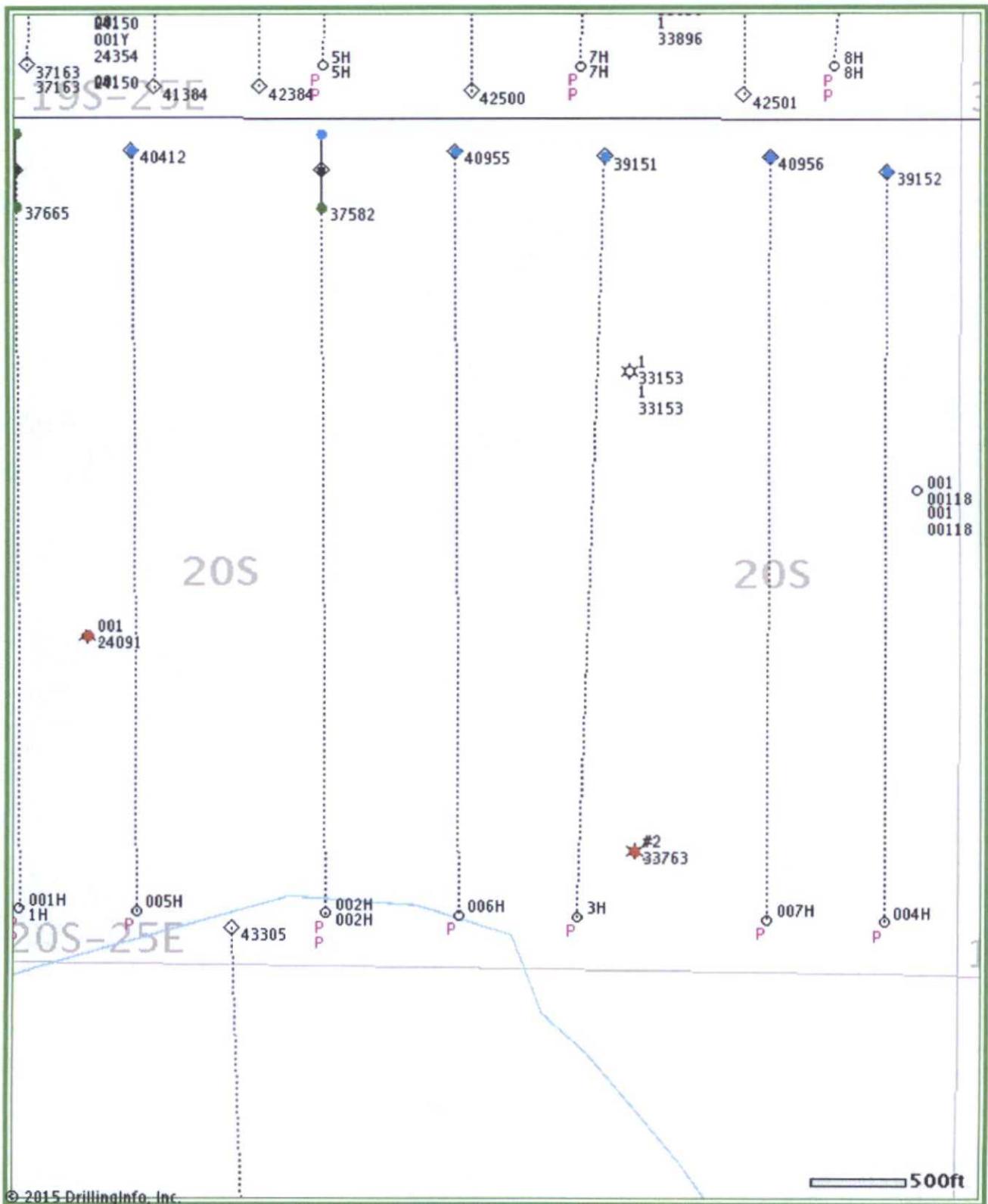
**RRC**

308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 100'
DATE: 8-28-2015
SURVEYED BY: GB
DRAWN BY: LPS
APPROVED BY: RMH
SHEET : 1 OF 1

## Producing wells in Sec 2, T20, R25E

API#	Operator	Lease	Well#	County	Legal	Total Depth	Well Type	Well Status	First Prod.	Last Prod.	Prac. IP (MCF/D)
30-015-37582	COG OPERATING LLC	GRAVE DIGGER STATE COM	002H	EDDY	S:2, T:20S, R:25E	7,060	W	Active	Oct 2010	Feb 2014	34.83
30-015-39151	COG OPERATING LLC	GRAVE DIGGER STATE COM	3H	EDDY	S:2, T:20S, R:25E	7,163	W	Active	Feb 2012	Jun 2015	44.97
30-015-39152	COG OPERATING LLC	GRAVE DIGGER STATE COM	004H	EDDY	S:2, T:20S, R:25E	7,207	W	Active	Jan 2013	Jun 2015	84.25
30-015-24091	SANTA FE EXPLORATION CO	EXXON STATE COM	001	EDDY	S:2, T:20S, R:25E	9,838	PG	Shut-in	Jan 1984	Jan 1993	86.38
30-015-37582	COG OPERATING LLC	GRAVE DIGGER STATE COM	002H	EDDY	S:2, T:20S, R:25E	7,060	W	Active	Jan 2012	Jun 2015	109.90
30-015-37665	COG OPERATING LLC	GRAVE DIGGER FEDERAL COM	001H	EDDY	S:2, T:20S, R:25E	6,927	W	Active	Jan 2012	Jun 2015	121.21
30-015-40412	COG OPERATING LLC	GRAVE DIGGER STATE COM	005H	EDDY	S:2, T:20S, R:25E	7,316	W	Active	Jan 2013	Jun 2015	128.04
30-015-37665	COG OPERATING LLC	GRAVE DIGGER FEDERAL	001H	EDDY	S:2, T:20S, R:25E	6,927	W	Active	Jun 2010	Apr 2013	157.35
30-015-40956	COG OPERATING LLC	GRAVE DIGGER STATE COM	007H	EDDY	S:2, T:20S, R:25E	7,482	W	Active	Nov 2013	Jun 2015	173.32
30-015-40955	COG OPERATING LLC	GRAVE DIGGER STATE COM	006H	EDDY	S:2, T:20S, R:25E	7,440	W	Active	Aug 2013	Jun 2015	193.00
30-015-33763	COG OPERATING LLC	CEMETARY 2	#2	EDDY	S:2, T:20S, R:25E	9,820	G	Inactive	Nov 2005	Jun 2015	675.77



COG Op.  
2<sup>nd</sup> of  
1-1-2023  
111946

BHL  
"Gulf-Fed"

COG Operating LLC

West'n  
Lakewood  
7899 - Nearburg  
Gulf-Fed

Gulf Shugart  
708796  
01/24/23

Grave Digger State Com #8H  
API: 30-015-43397  
COG Operating LLC

COG Operating LLC

Janet M. Hanley  
Robert L. Aho and Sharon K. Aho  
Catherine Connolly Trust, Rev Trust  
Laurence David Willard  
Cheryl Ann Currier  
Steven R. Willard  
H.F. Investments, LLC  
Constance D. Connelly 2015 Rev. Trust  
William J. Duncan  
David R. Woodson and Loretta M. Woodson  
Living Trust  
Tareyton A. Woodson and Sherrill M. Woodson  
Rev Trust  
William S. Woodson and Llinda Kay Woodson  
Trust  
Thomas C. Woodson and Linda K. Woodson

COG Oper.  
2-24-2018

Amoco  
Siete  
Morrow

Violet G. Sh

Yates Petr

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## **COG Operating LLC**

**Eddy County, NM (NAD27 NME)**

**Grave Digger State Com**

**#8H**

**OH**

**Plan: Plan #1 09-21-15**

**Surface: 170' FSL, 1610' FWL, Sec 2, T20S, R25E, Unit N**

**BHL: 330' FNL, 1550' FWL, Sec 2, T20S, R25E, Lot #3**

## **Standard Planning Report**

**21 September, 2015**





Phoenix Technology Services LP  
Planning Report



Database:	Compass 5000 GCR	Local Co-ordinate Reference:	Well #8H
Company:	COG Operating LLC	TVD Reference:	KB @ 3405.00usft (Silver Oak 3)
Project:	Eddy County, NM (NAD27 NME)	MD Reference:	KB @ 3405.00usft (Silver Oak 3)
Site:	Grave Digger State Com	North Reference:	Grid
Well:	#8H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1 09-21-15		

Project	Eddy County, NM (NAD27 NME)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Grave Digger State Com				
Site Position:	Map	Northing:	585,277.40 usft	Latitude:	32° 36' 32.32192 N
From:		Easting:	464,199.50 usft	Longitude:	104° 26' 58.54459 W
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	-0.06 °

Well	#8H					
Well Position	+N/-S	-4,844.80 usft	Northing:	580,432.60 usft	Latitude:	32° 35' 44.34861 N
	+E/-W	-2,701.70 usft	Easting:	461,497.80 usft	Longitude:	104° 27' 30.06358 W
Position Uncertainty		0.00 usft	Wellhead Elevation:	0.00 usft	Ground Level:	3,387.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	HDGM	9/21/2015	(°) 7.68	(°) 60.42	(nT) 48,417

Design	Plan #1 09-21-15			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(usft)	(usft)	(usft)	(°)
	0.00	0.00	0.00	359.48

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,394.56	0.00	0.00	2,394.56	0.00	0.00	0.00	0.00	0.00	0.00	
3,217.29	90.50	359.48	2,915.42	525.39	-4.80	11.00	11.00	0.00	359.48	
7,438.33	90.50	359.48	2,878.58	4,746.10	-43.40	0.00	0.00	0.00	0.00	BHL (Grave Digger #7)



Phoenix Technology Services LP  
Planning Report



Database:	Compass 5000 GCR	Local Co-ordinate Reference:	Well #8H
Company:	COG Operating LLC	TVD Reference:	KB @ 3405.00usft (Silver Oak 3)
Project:	Eddy County, NM (NAD27 NME)	MD Reference:	KB @ 3405.00usft (Silver Oak 3)
Site:	Grave Digger State Com	North Reference:	Grid
Well:	#8H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1 09-21-15		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,394.56	0.00	0.00	2,394.56	0.00	0.00	0.00	0.00	0.00	0.00
<b>KOP, Begin 11°/100' Build</b>									
2,400.00	0.60	359.48	2,400.00	0.03	0.00	0.03	10.99	10.99	0.00
2,500.00	11.60	359.48	2,499.28	10.63	-0.10	10.63	11.00	11.00	0.00
2,600.00	22.60	359.48	2,594.72	39.99	-0.37	39.99	11.00	11.00	0.00
2,700.00	33.60	359.48	2,682.79	87.01	-0.80	87.02	11.00	11.00	0.00
2,800.00	44.60	359.48	2,760.28	149.98	-1.37	149.98	11.00	11.00	0.00
2,814.06	46.14	359.48	2,770.16	159.98	-1.46	159.99	11.00	11.00	0.00
<b>PP (Grave Digger #7H)</b>									
2,900.00	55.60	359.48	2,824.33	226.57	-2.07	226.58	11.00	11.00	0.00
3,000.00	66.60	359.48	2,872.59	313.98	-2.87	313.99	11.00	11.00	0.00
3,100.00	77.60	359.48	2,903.28	408.99	-3.74	409.00	11.00	11.00	0.00
3,200.00	88.60	359.48	2,915.28	508.10	-4.65	508.13	11.00	11.00	0.00
3,216.72	90.44	359.48	2,915.42	524.82	-4.80	524.84	11.00	11.00	0.00
<b>TL, 2920' TVD @ 0 VZ, 90.5° Inc</b>									
3,217.29	90.50	359.48	2,915.42	525.39	-4.80	525.41	11.00	11.00	0.00
<b>Begin 90.5° Inc Hold, 359.48° Azm</b>									
3,300.00	90.50	359.48	2,914.69	608.10	-5.56	608.12	0.00	0.00	0.00
3,400.00	90.50	359.48	2,913.82	708.09	-6.48	708.12	0.00	0.00	0.00
3,500.00	90.50	359.48	2,912.95	808.08	-7.39	808.11	0.00	0.00	0.00
3,600.00	90.50	359.48	2,912.08	908.07	-8.30	908.11	0.00	0.00	0.00
3,700.00	90.50	359.48	2,911.20	1,008.06	-9.22	1,008.11	0.00	0.00	0.00
3,800.00	90.50	359.48	2,910.33	1,108.06	-10.13	1,108.10	0.00	0.00	0.00
3,900.00	90.50	359.48	2,909.46	1,208.05	-11.05	1,208.10	0.00	0.00	0.00
4,000.00	90.50	359.48	2,908.58	1,308.04	-11.96	1,308.09	0.00	0.00	0.00
4,100.00	90.50	359.48	2,907.71	1,408.03	-12.88	1,408.09	0.00	0.00	0.00
4,200.00	90.50	359.48	2,906.84	1,508.02	-13.79	1,508.09	0.00	0.00	0.00
4,300.00	90.50	359.48	2,905.97	1,608.02	-14.70	1,608.08	0.00	0.00	0.00
4,400.00	90.50	359.48	2,905.09	1,708.01	-15.62	1,708.08	0.00	0.00	0.00
4,500.00	90.50	359.48	2,904.22	1,808.00	-16.53	1,808.08	0.00	0.00	0.00
4,600.00	90.50	359.48	2,903.35	1,907.99	-17.45	1,908.07	0.00	0.00	0.00
4,700.00	90.50	359.48	2,902.48	2,007.98	-18.36	2,008.07	0.00	0.00	0.00
4,800.00	90.50	359.48	2,901.60	2,107.98	-19.28	2,108.06	0.00	0.00	0.00
4,900.00	90.50	359.48	2,900.73	2,207.97	-20.19	2,208.06	0.00	0.00	0.00
5,000.00	90.50	359.48	2,899.86	2,307.96	-21.10	2,308.06	0.00	0.00	0.00
5,100.00	90.50	359.48	2,898.99	2,407.95	-22.02	2,408.05	0.00	0.00	0.00
5,200.00	90.50	359.48	2,898.11	2,507.94	-22.93	2,508.05	0.00	0.00	0.00
5,300.00	90.50	359.48	2,897.24	2,607.94	-23.85	2,608.05	0.00	0.00	0.00
5,400.00	90.50	359.48	2,896.37	2,707.93	-24.76	2,708.04	0.00	0.00	0.00
5,500.00	90.50	359.48	2,895.50	2,807.92	-25.68	2,808.04	0.00	0.00	0.00
5,600.00	90.50	359.48	2,894.62	2,907.91	-26.59	2,908.03	0.00	0.00	0.00
5,700.00	90.50	359.48	2,893.75	3,007.90	-27.51	3,008.03	0.00	0.00	0.00
5,800.00	90.50	359.48	2,892.88	3,107.90	-28.42	3,108.03	0.00	0.00	0.00
5,900.00	90.50	359.48	2,892.00	3,207.89	-29.33	3,208.02	0.00	0.00	0.00
6,000.00	90.50	359.48	2,891.13	3,307.88	-30.25	3,308.02	0.00	0.00	0.00
6,100.00	90.50	359.48	2,890.26	3,407.87	-31.16	3,408.01	0.00	0.00	0.00
6,200.00	90.50	359.48	2,889.39	3,507.86	-32.08	3,508.01	0.00	0.00	0.00
6,300.00	90.50	359.48	2,888.51	3,607.86	-32.99	3,608.01	0.00	0.00	0.00
6,400.00	90.50	359.48	2,887.64	3,707.85	-33.91	3,708.00	0.00	0.00	0.00
6,500.00	90.50	359.48	2,886.77	3,807.84	-34.82	3,808.00	0.00	0.00	0.00
6,600.00	90.50	359.48	2,885.90	3,907.83	-35.73	3,908.00	0.00	0.00	0.00
6,700.00	90.50	359.48	2,885.02	4,007.82	-36.65	4,007.99	0.00	0.00	0.00
6,800.00	90.50	359.48	2,884.15	4,107.82	-37.56	4,107.99	0.00	0.00	0.00



Phoenix Technology Services LP  
Planning Report



Database:	Compass 5000 GCR	Local Co-ordinate Reference:	Well #8H
Company:	COG Operating LLC	TVD Reference:	KB @ 3405.00usft (Silver Oak 3)
Project:	Eddy County, NM (NAD27 NME)	MD Reference:	KB @ 3405.00usft (Silver Oak 3)
Site:	Grave Digger State Com	North Reference:	Grid
Well:	#8H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1 09-21-15		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
6,900.00	90.50	359.48	2,883.28	4,207.81	-38.48	4,207.98	0.00	0.00	0.00	
7,000.00	90.50	359.48	2,882.41	4,307.80	-39.39	4,307.98	0.00	0.00	0.00	
7,100.00	90.50	359.48	2,881.53	4,407.79	-40.31	4,407.98	0.00	0.00	0.00	
7,200.00	90.50	359.48	2,880.66	4,507.78	-41.22	4,507.97	0.00	0.00	0.00	
7,300.00	90.50	359.48	2,879.79	4,607.78	-42.14	4,607.97	0.00	0.00	0.00	
7,400.00	90.50	359.48	2,878.91	4,707.77	-43.05	4,707.97	0.00	0.00	0.00	
7,438.33	90.50	359.48	2,878.58	4,746.10	-43.40	4,746.29	0.00	0.00	0.00	
TD at 7438.33' MD - BHL (Grave Digger #7H)										

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PP (Grave Digger #7H) - plan hits target center - Point	0.00	0.00	2,770.18	160.00	-1.46	580,592.60	461,496.34	32° 35' 45.93192 N	104° 27' 30.08288 W
BHL (Grave Digger #7H) - plan hits target center - Point	0.00	360.00	2,878.58	4,746.10	-43.40	585,178.70	461,454.40	32° 36' 31.31436 N	104° 27' 30.63620 W

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
3,216.72	2,915.42	TL, 2920' TVD @ 0 VZ, 90.5° Inc		-0.50	359.48	

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Comment	
2,394.56	2,394.56	0.00	0.00	KOP, Begin 11°/100' Build	
3,217.29	2,915.42	525.39	-4.80	Begin 90.5° Inc Hold, 359.48° Azm	
7,438.33	2,878.58	4,746.10	-43.40	TD at 7438.33' MD	



Project: Eddy County, NM (NAD27 NME)  
 Site: Grave Digger State Com  
 Well: #8H  
 Wellbore: OH  
 Design: Plan #1 09-21-15  
 Rig: Silver Oak 3



Azimuths to Grid North  
 True North: 0.07°  
 Magnetic North: 7.75°  
 Magnetic Field  
 Strength: 48416.9nT  
 Dip Angle: 60.42°  
 Date: 9/21/2015  
 Model: HDG03

WELL DETAILS									
+N-S	+E-W	Northing	Ground Level	3387.00	Latitude	Longitude			
0.00	0.00	580432.80	Easting	461497.80	32° 35' 44.34861 N	104° 27' 30.06358 W			

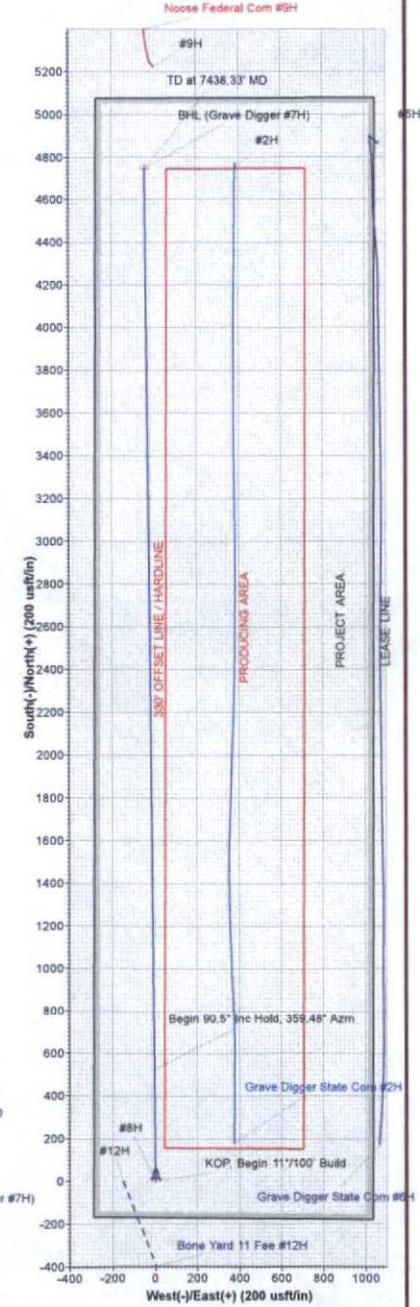
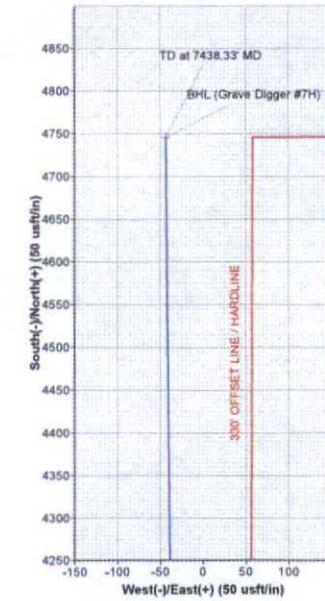
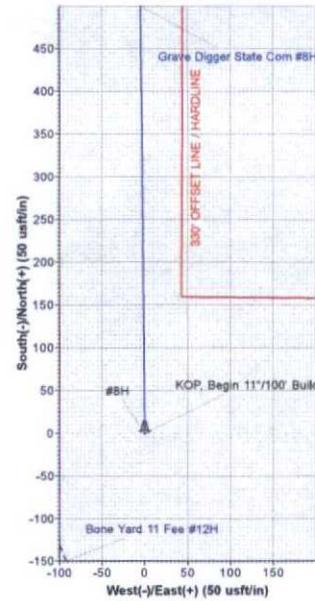
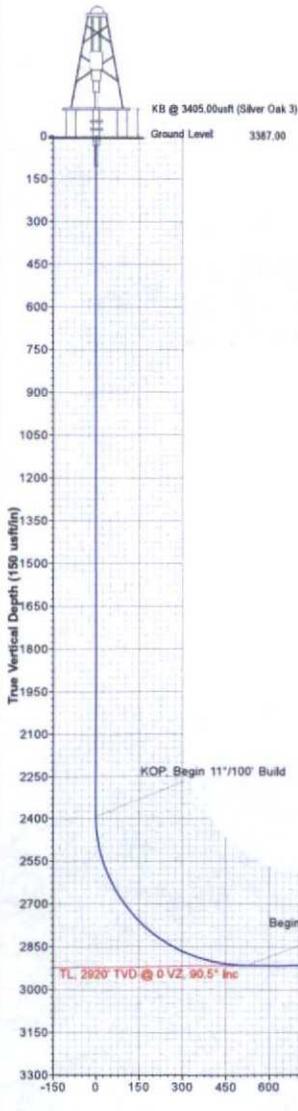
SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	VSec	Target	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	2394.56	0.00	0.00	2394.56	0.00	0.00	0.00	0.00	0.00	0.00	
3	3217.29	90.50	359.48	2915.42	525.39	-4.80	11.00	359.48	525.42		KOP. Begin 11°/100' Build
4	7438.33	90.50	359.48	2878.58	4748.10	-43.40	0.00	0.00	4748.30	BHL (Grave Digger #7H)	Begin 90.5° Inc Hold 359.48° Azm TD at 7438.33' MD

DESIGN TARGET DETAILS									
Name	TVD	+N-S	+E-W	Northing	Easting	Latitude	Longitude	Shape	
BHL (Grave Digger #7H)	2878.58	4748.10	-43.40	585178.70	461454.40	32° 36' 31.31436 N	104° 27' 30.63620 W	Point	
- plan hits target center									

LEGEND	
—	#5H, STD1, Surveys (JW 4) V0
—	#4H, OH, Surveys (JW 4) V0
—	#2H, OH, Surveys (JW 4) V0
—	#6H, WB1/Job #1310800, Surveys (JW 4) V0
—	#9H, WB1/1410962, Surveys (Silver Oak 3) V0
- - -	#12H, OH, Plan #3 09-28-15 V0
—	Plan #1 09-21-15

Map System: US State Plane 1927 (Exact solution)  
 Datum: NAD 1927 (NADCON CONUS)  
 Ellipsoid: Clarke 1866  
 Zone Name: New Mexico East 3001  
 Local Origin: Well #8H, Grid North  
 Latitude: 32° 35' 44.34861 N  
 Longitude: 104° 27' 30.06358 W  
 Grid East: 461497.80  
 Grid North: 580432.80  
 Scale Factor: 1.000  
 Geomagnetic Model: HDGM  
 Sample Date: 21-Sep-15  
 Magnetic Declination: 7.98°  
 Dip Angle from Horizontal: 60.42°  
 Magnetic Field Strength: 48417  
 To convert a Magnetic Direction to a Grid Direction, Add 7.75°  
 To convert a Magnetic Direction to a True Direction, Add 7.68° East  
 To convert a True Direction to a Grid Direction, Add 0.07°

FORMATION TOP DETAILS					
TVDPath	MDPath	Formation	DipAngle	DipDir	
2915.42	3216.72	TL 2920' TVD @ 0 VZ, 90.5° Inc	-8.50	359.48	





## **COG Operating LLC**

**Eddy County, NM (NAD27 NME)**

**Grave Digger State Com**

**#8H**

**OH**

**Plan #1 09-21-15**

## **Anticollision Report**

**28 September, 2015**





Phoenix Technology Services LP  
Anticollision Report



Company:	COG Operating LLC	Local Co-ordinate Reference:	Well #8H
Project:	Eddy County, NM (NAD27 NME)	TVD Reference:	KB @ 3405.00usft (Silver Oak 3)
Reference Site:	Grave Digger State Com	MD Reference:	KB @ 3405.00usft (Silver Oak 3)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	#8H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at:	2.00 sigma
Reference Wellbore:	OH	Database:	Compass 5000 GCR
Reference Design:	Plan #1 09-21-15	Offset TVD Reference:	Offset Datum

Reference	Plan #1 09-21-15		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	Stations	Error Model:	ISCWSA
Depth Range:	2,387.00 to 2,431.00usft	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 9,999,999,999.00	Error Surface:	Circular Conic
Warning Levels Evaluated at:	2.00 Sigma	Casing Method:	Not applied

Survey Tool Program	Date	9/24/2015		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	7,438.33	Plan #1 09-21-15 (OH)	PHX+MWD+HDGM	PHX+MWD+HDGM

Site Name	Reference		Distance		Separation Factor	Warning
	Measured Depth (usft)	Offset Measured Depth (usft)	Between Centres (usft)	Between Ellipses (usft)		
<b>Offset Well - Wellbore - Design</b>						
Bone Yard 11 Fee						
#12H - OH - Plan #3 09-28-15	2,400.00	2,419.68	147.88	131.05	8.786	CC, ES, SF
<b>Grave Digger State Com</b>						
#2H - OH - Surveys (JW 4)	2,400.00	7,060.00	463.95	375.61	5.252	CC, ES, SF
#4H - OH - Surveys (JW 4)	2,400.00	7,207.00	3,341.13	3,252.84	37.844	CC, ES, SF
#5H - ST01 - Surveys (JW 4)	2,400.00	7,316.00	767.76	677.60	8.515	CC, ES, SF
#6H - WB1/Job #1310800 - Surveys (JW 4)	2,400.00	7,440.00	1,176.37	1,085.79	12.987	CC, ES, SF
<b>Noose Federal Com</b>						
#9H - WB1/1410962 - Surveys (Silver Oak 3)	2,387.00	2,243.43	5,246.15	5,233.90	428.229	CC, ES
#9H - WB1/1410962 - Surveys (Silver Oak 3)	2,400.00	2,250.42	5,246.68	5,234.37	426.375	SF

Offset Design	Bone Yard 11 Fee - #12H - OH - Plan #3 09-28-15										Offset Site Error:	0.00 usft	
Survey Program:	0-PHX+MWD+HDGM										Offset Well Error:	0.00 usft	
Measured Depth (usft)	Vertical Depth (usft)	Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (usft)	Separation Factor	Warning
		Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
2,387.00	2,387.00	2,405.51	2,405.24	8.35	8.39	-91.52	-3.93	-148.33	148.56	131.82	16.74	8.876	
2,394.56	2,394.56	2,413.77	2,413.41	8.37	8.42	-91.98	-5.11	-147.88	148.18	131.38	16.79	8.824	
2,400.00	2,400.00	2,419.68	2,419.23	8.39	8.44	-91.86	-6.02	-147.53	147.88	131.05	16.83	8.786	CC, ES, SF

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Company:	COG Operating LLC	Local Co-ordinate Reference:	Well #8H
Project:	Eddy County, NM (NAD27 NME)	TVD Reference:	KB @ 3405.00usft (Silver Oak 3)
Reference Site:	Grave Digger State Com	MD Reference:	KB @ 3405.00usft (Silver Oak 3)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	#8H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	Compass 5000 GCR
Reference Design:	Plan #1 09-21-15	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Grave Digger State Com - #2H - OH - Surveys (JW 4)													Offset Well Error:	0.00 usft
Survey Program: 100-NS-GYRO-MS, 2344-MWD														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	+E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning	
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)			
2,387.00	2,387.00	7,060.00	2,679.34	8.35	79.96	64.53	178.52	374.71	469.92	381.62	88.30	5.322		
2,394.56	2,394.56	7,060.00	2,679.34	8.37	79.96	64.53	178.52	374.71	466.42	378.09	88.33	5.281		
2,400.00	2,400.00	7,060.00	2,679.34	8.39	79.96	65.33	178.52	374.71	463.95	375.61	88.35	5.252	CC, ES, SF	



Phoenix Technology Services LP  
Anticollision Report



<b>Company:</b>	COG Operating LLC	<b>Local Co-ordinate Reference:</b>	Well #8H
<b>Project:</b>	Eddy County, NM (NAD27 NME)	<b>TVD Reference:</b>	KB @ 3405.00usft (Silver Oak 3)
<b>Reference Site:</b>	Grave Digger State Com	<b>MD Reference:</b>	KB @ 3405.00usft (Silver Oak 3)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	#8H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	Compass 5000 GCR
<b>Reference Design:</b>	Plan #1 09-21-15	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>													<b>Offset Site Error:</b>	0.00 usft
Grave Digger State Com - #4H - OH - Surveys (JW 4)													<b>Offset Well Error:</b>	0.00 usft
Survey Program: 100-Scientific Gyro, 2344-MWD														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
2,387.00	2,387.00	7,207.00	2,868.87	8.35	79.90	87.57	140.75	3,311.27	3,342.80	3,254.56	88.24	37.883		
2,394.56	2,394.56	7,207.00	2,868.87	8.37	79.90	87.57	140.75	3,311.27	3,341.82	3,253.56	88.27	37.860		
2,400.00	2,400.00	7,207.00	2,868.87	8.39	79.90	88.17	140.75	3,311.27	3,341.13	3,252.84	88.29	37.844	CC, ES, SF	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Company:	COG Operating LLC	Local Co-ordinate Reference:	Well #8H
Project:	Eddy County, NM (NAD27 NME)	TVD Reference:	KB @ 3405.00usft (Silver Oak 3)
Reference Site:	Grave Digger State Com	MD Reference:	KB @ 3405.00usft (Silver Oak 3)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	#8H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	Compass 5000 GCR
Reference Design:	Plan #1 09-21-15	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Grave Digger State Com - #5H - ST01 - Surveys (JW 4)													Offset Well Error:	0.00 usft
Survey Program: 100-Scientific Gyro, 2339-MWD														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	+E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning	
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)			
2,387.00	2,387.00	7,316.00	2,859.12	8.35	81.77	-72.95	195.88	-638.85	774.25	684.14	90.12	8.592		
2,394.56	2,394.56	7,316.00	2,859.12	8.37	81.77	-72.95	195.88	-638.85	770.46	680.32	90.14	8.547		
2,400.00	2,400.00	7,316.00	2,859.12	8.39	81.77	-72.76	195.88	-638.85	767.76	677.60	90.16	8.515	CC, ES, SF	



Phoenix Technology Services LP  
Anticollision Report



Company:	COG Operating LLC	Local Co-ordinate Reference:	Well #8H
Project:	Eddy County, NM (NAD27 NME)	TVD Reference:	KB @ 3405.00usft (Silver Oak 3)
Reference Site:	Grave Digger State Com	MD Reference:	KB @ 3405.00usft (Silver Oak 3)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	#8H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	Compass 5000 GCR
Reference Design:	Plan #1 09-21-15	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Grave Digger State Com - #6H - WB1/Job #1310800 - Surveys (JW 4)												Offset Well Error:	0.00 usft
Survey Program: 100-VES-ISCWSA-GYRO-3, 2370-MWD													
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
2,387.00	2,387.00	7,440.00	2,933.84	8.35	82.19	80.91	170.49	1,065.79	1,181.60	1,091.07	90.53	13.051	
2,394.56	2,394.56	7,440.00	2,933.84	8.37	82.19	80.91	170.49	1,065.79	1,178.55	1,087.99	90.56	13.014	
2,400.00	2,400.00	7,440.00	2,933.84	8.39	82.19	81.69	170.49	1,065.79	1,176.37	1,085.79	90.58	12.987	CC, ES, SF

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Phoenix Technology Services LP  
Anticollision Report



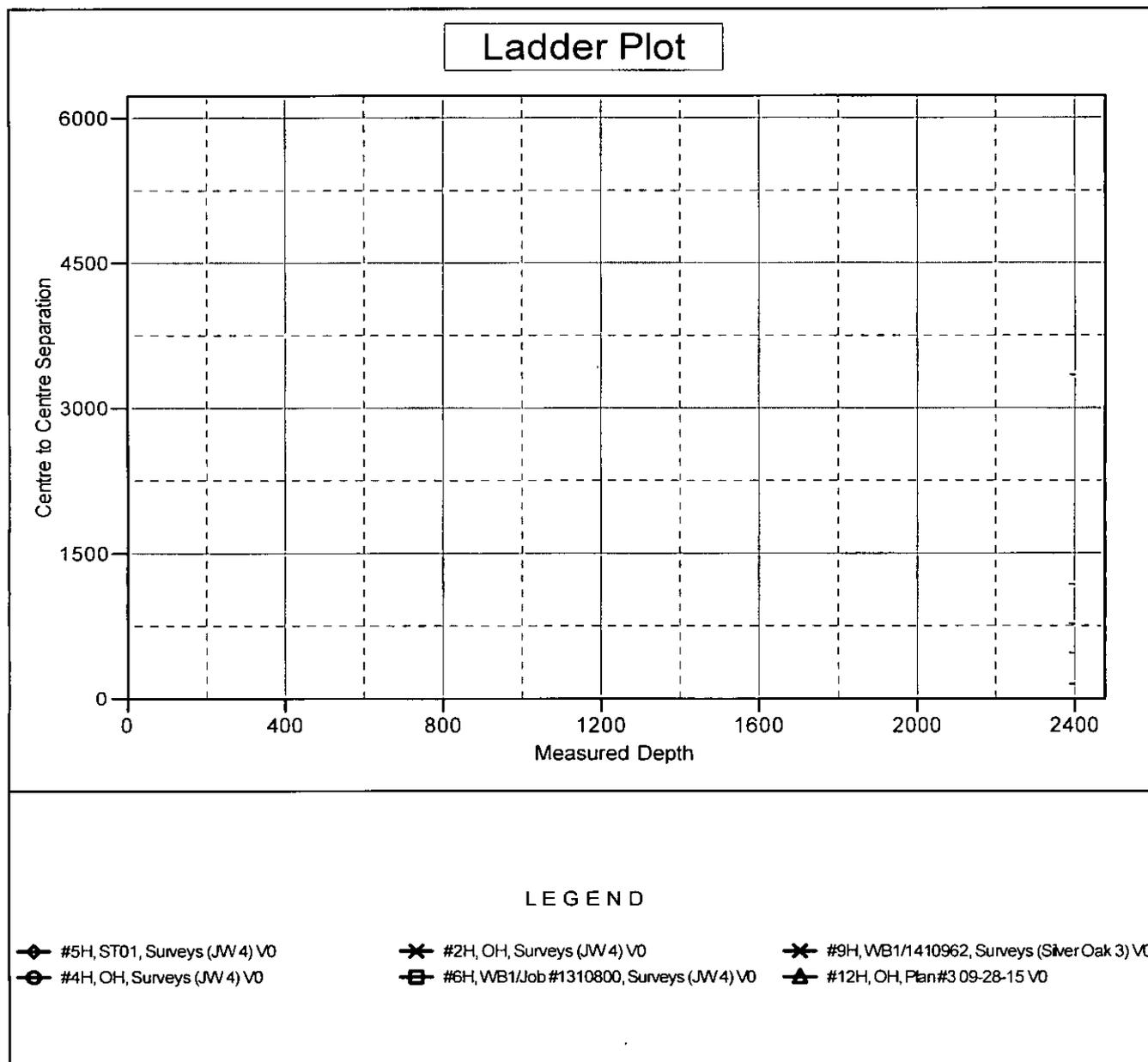
<b>Company:</b>	COG Operating LLC	<b>Local Co-ordinate Reference:</b>	Well #8H
<b>Project:</b>	Eddy County, NM (NAD27 NME)	<b>TVD Reference:</b>	KB @ 3405.00usft (Silver Oak 3)
<b>Reference Site:</b>	Grave Digger State Com	<b>MD Reference:</b>	KB @ 3405.00usft (Silver Oak 3)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	#8H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	Compass 5000 GCR
<b>Reference Design:</b>	Plan #1 09-21-15	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>											<b>Offset Site Error:</b>	0.00 usft	
Noose Federal Com - #9H - WB1/1410962 - Surveys (Silver Oak 3)											<b>Offset Well Error:</b>	0.00 usft	
Survey Program: 100-VES-ISCWSA-GYRO-3, 2281-PHX+MWD+IGRF													
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
2,387.00	2,387.00	2,243.43	2,243.08	8.35	3.91	-0.19	5,241.42	-17.77	5,246.15	5,233.90	12.25	428.229	CC, ES
2,394.56	2,394.56	2,247.50	2,247.14	8.37	3.91	-0.20	5,241.60	-17.90	5,246.47	5,234.19	12.28	427.150	
2,400.00	2,400.00	2,250.42	2,250.06	8.39	3.91	0.33	5,241.72	-18.00	5,246.68	5,234.37	12.31	426.375	SF

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	COG Operating LLC	<b>Local Co-ordinate Reference:</b>	Well #8H
<b>Project:</b>	Eddy County, NM (NAD27 NME)	<b>TVD Reference:</b>	KB @ 3405.00usft (Silver Oak 3)
<b>Reference Site:</b>	Grave Digger State Corn	<b>MD Reference:</b>	KB @ 3405.00usft (Silver Oak 3)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	#8H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	Compass 5000 GCR
<b>Reference Design:</b>	Plan #1 09-21-15	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to KB @ 3405.00usft (Silver Oak 3)      Coordinates are relative to: #8H  
 Offset Depths are relative to Offset Datum      Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30  
 Central Meridian is 104° 19' 60.00000 W      Grid Convergence at Surface is: -0.07°

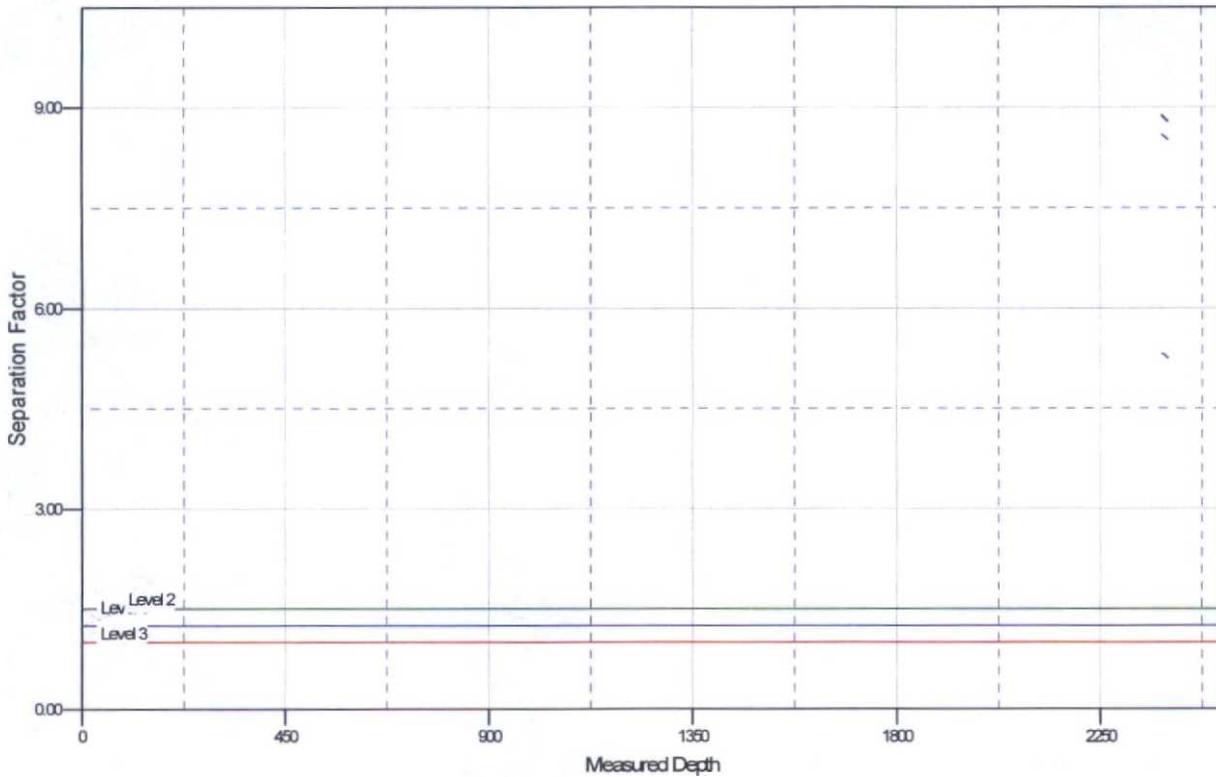


<b>Company:</b>	COG Operating LLC	<b>Local Co-ordinate Reference:</b>	Well #8H
<b>Project:</b>	Eddy County, NM (NAD27 NME)	<b>TVD Reference:</b>	KB @ 3405.00usft (Silver Oak 3)
<b>Reference Site:</b>	Grave Digger State Com	<b>MD Reference:</b>	KB @ 3405.00usft (Silver Oak 3)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	#8H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	Compass 5000 GCR
<b>Reference Design:</b>	Plan #1 09-21-15	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to KB @ 3405.00usft (Silver Oak 3)  
 Offset Depths are relative to Offset Datum  
 Central Meridian is 104° 19' 60.00000 W

Coordinates are relative to: #8H  
 Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30  
 Grid Convergence at Surface is: -0.07°

### Separation Factor Plot



### LEGEND

- #5H, ST01, Surveys (JW 4) V0
- #2H, OH, Surveys (JW 4) V0
- #9H, WB1/1410962, Surveys (Silver Oak 3) V0
- #4H, OH, Surveys (JW 4) V0
- #6H, WB1/Job #1310800, Surveys (JW 4) V0
- #12H, OH, Plan#3 09-28-15 V0

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

October 6, 2015

Thomas C. Woodson and Linda K. Woodson, JTWROS  
PO Box 120757  
Arlington, TX 76012

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 N Seven Rivers; Glorieta Yeso oil well.

**Grave Digger State Com #8H  
Eddy County, NM**

**Non-Standard Location:**

SHL: 170' FSL & 1610' FWL      Sec 2, T20S, R25E, Unit N  
BHL: 330' FNL & 1550' FWL      Sec 2, T20S, R25E, Lot 3

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](mailto:kholly@concho.com)

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> <li>■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>■ Print your name and address on the reverse so that we can return the card to you.</li> <li>■ Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee <i>Linda K. Woodson</i>
1. Article Addressed to: Thomas C. Woodson and Linda K. Woodson, JTWROS PO Box 120757 Arlington, TX 76012	B. Received by (Printed Name) <i>Linda K. Woodson</i> C. Date of Delivery <i>10/13/15</i> D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, enter delivery address below: <div style="border: 1px solid black; padding: 5px; text-align: center;">             RECEIVED              OCT 13 2015           </div>
2. Article Number <i>(Transfer from service label)</i>	3. Service type <input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D. 4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes
PS Form 3811, February 2004	91 7199 9991 7035 3278 5000 Domestic Return Receipt    102595-02-M-1540

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COG Operating LLC  
 One Concho Center  
 Attn: Kelly Holly  
 600 W Illinois Ave  
 Midland, TX 79701

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

October 6, 2015

Laurence David Willard, S&SP  
11020 Mira Vista Place  
Albuquerque, NM 87123

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 N Seven Rivers; Glorieta Yeso oil well.

**Grave Digger State Com #8H  
Eddy County, NM**

**Non-Standard Location:**

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Sincerely,

COG Operating LLC



Kelly J. Holly  
Permitting Tech

432-685-4384  
[kholly@concho.com](mailto:kholly@concho.com)

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<p>1. Article Addressed to:</p> <p>Laurence David Willard, S&amp;SP  11020 Mira Vista Place  Albuquerque, NM 87123</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes  <input checked="" type="checkbox"/> No  If YES, enter delivery address below</p> <p><b>RECEIVED</b>  <b>OCT 13 2015</b></p> <p>3. Service Type  <input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail  <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number  (Transfer from service label)</p>	<p><b>91 7199 9991 7033 3878 7239</b></p>
<p>PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540</p>	

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COG Operating LLC  
One Concho Center  
Attn: Kelly Holly  
600 W Illinois Ave  
Midland, TX 79701

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

October 6, 2015

Cheryl Ann Currier, s&sp  
PO Box 1813  
Artesia, NM 88211

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 N Seven Rivers; Glorieta Yeso oil well.

**Grave Digger State Com #8H  
Eddy County, NM**

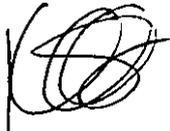
**Non-Standard Location:**

SHL: 170' FSL & 1610' FWL      Sec 2, T20S, R25E, Unit N  
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Sincerely,

COG Operating LLC



Kelly J. Holly  
Permitting Tech

432-685-4384  
[kholly@concho.com](mailto:kholly@concho.com)

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<p>1. Article Addressed to:</p> <p><b>Jheryl Ann Turner, s&amp;sp          PO Box 1813          Artesia, NM 88211</b></p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes          If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>3. Service Type:  <input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail  <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number          (Transfer from service label)</p>	<p><b>91 7199 9991 7033 3878 7253</b></p>
<p>PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540</p>	

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**COG Operating LLC  
 One Concho Center  
 Attn: Kelly Holly  
 600 W Illinois Ave  
 Midland, TX 79701**

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

October 6, 2015

William J. Duncan (lease adds Carol O. Duncan, JTWROS)  
1414 Crownhill Drive  
Arlington, TX 76012

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 N Seven Rivers; Glorieta Yeso oil well.

**Grave Digger State Com #8H  
Eddy County, NM**

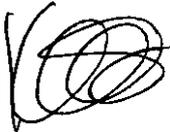
**Non-Standard Location:**

SHL: 170' FSL & 1610' FWL      Sec 2, T20S, R25E, Unit N  
BHL: 330' FNL & 1550' FWL      Sec 2, T20S, R25E, Lot 3

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Sincerely,

COG Operating LLC



Kelly J. Holly  
Permitting Tech

432-685-4384  
[kholly@concho.com](mailto:kholly@concho.com)

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<p>1. Article Addressed to:</p> <p><i>William J. Duncan (lease adds Carol O. Duncan, JTWROS)</i>  <i>1414 Crownhill Drive</i>  <i>Arlington, TX 76012</i></p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes  If YES, enter delivery address below: <input type="checkbox"/> No</p> <p style="text-align: center;"><b>RECEIVED</b>  <b>OCT 12 2015</b></p> <p>BY <i>[Signature]</i></p> <p>3. Service Type  <input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail  <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number  (Transfer from service label)</p>	<p><i>91 7199 9991 7035 3278 4966</i></p>
<p>PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540</p>	

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COG Operating LLC  
One Concho Center  
Attn: Kelly Holly  
600 W Illinois Ave  
Midland, TX 79701

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

October 6, 2015

Constance D. Connelly, Trustee of the Constance D. Connelly 2015 Rev Trust,  
dtd 3/6/15  
1014 Whispering Oak Court  
Arlington, TX 76012

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 N Seven Rivers; Glorieta Yeso oil well.

**Grave Digger State Com #8H  
Eddy County, NM**

**Non-Standard Location:**

SHL: 170' FSL & 1610' FWL      Sec 2, T20S, R25E, Unit N  
BHL: 330' FNL & 1550' FWL      Sec 2, T20S, R25E, Lot 3

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Sincerely,

COG Operating LLC



Kelly J. Holly  
Permitting Tech

432-685-4384  
[kholly@concho.com](mailto:kholly@concho.com)

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<p>1. Article Addressed to:</p> <p>Constance U. Connelly, Trustee of the Constance U. Connelly 2015 Rev Trust, dtd 3/6/15 1014 Whispering Oak Court Arlington, TX 76012</p>	<p>B. Received by (Printed Name) <i>Constance D Connelly Trustee</i></p> <p>C. Date of Delivery <i>10-8-15</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If YES, enter delivery address below:</p> <p><b>RECEIVED</b> OCT 12 2015 BY:</p>
<p>2. Article Number (Transfer from service label)</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail</p> <p><input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise</p> <p><input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p>
<p>PS Form 3811, February 2004</p>	<p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p> <p>91 7199 9991 7035 3278 4959</p> <p>Domestic Return Receipt 102595-02-M-1540</p>

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COG Operating LLC  
One Concho Center  
Attn: Kelly Holly  
600 W Illinois Ave  
Midland, TX 79701

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

October 6, 2015

H.F. Investments, LLC  
3018 S. High Street  
Denver, CO 80210

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 N Seven Rivers; Glorieta Yeso oil well.

**Grave Digger State Com #8H  
Eddy County, NM**

**Non-Standard Location:**

SHL: 170' FSL & 1610' FWL      Sec 2, T20S, R25E, Unit N  
BHL: 330' FNL & 1550' FWL      Sec 2, T20S, R25E, Lot 3

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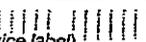
Sincerely,

COG Operating LLC



Kelly J. Holly  
Permitting Tech

432-685-4384  
[kholly@concho.com](mailto:kholly@concho.com)

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
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<p>1. Article Addressed to:</p> <p>H.F. Investments, LLC  3018 S. High Street  Denver, CO 80210</p>		<p>B. Received by (Printed Name)  Tyson deardorff</p> <p>C. Date of Delivery  OCT 13 2015</p>	
<p>2. Article Number:   (Transfer from service label)</p>		<p>D. Is delivery address different from item 1?  If YES, enter delivery address below.</p> <p><input type="checkbox"/> Yes  <input checked="" type="checkbox"/> No</p>	
		<p>3. Service Type</p> <p><input checked="" type="checkbox"/> Certified Mail    <input type="checkbox"/> Express Mail  <input type="checkbox"/> Registered        <input type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Insured Mail        <input type="checkbox"/> C.O.D.</p>	
		<p>4. Restricted Delivery? (Extra Fee)    <input type="checkbox"/> Yes</p>	
<p>PS Form 3811, February 2004</p>		<p>91 7199 9991 7035 3278 4942  Domestic Return Receipt    102595-02-M-1540</p>	

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COG Operating LLC  
One Concho Center  
Attn: Kelly Holly  
600 W Illinois Ave  
Midland, TX 79701

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

October 6, 2015

Steven R. Willard, s&sp  
PO Box 1175  
Artesia, NM 88211

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 N Seven Rivers; Glorieta Yeso oil well.

**Grave Digger State Com #8H  
Eddy County, NM**

**Non-Standard Location:**

SHL: 170' FSL & 1610' FWL      Sec 2, T20S, R25E, Unit N  
BHL: 330' FNL & 1550' FWL      Sec 2, T20S, R25E, Lot 3

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Sincerely,

COG Operating LLC



Kelly J. Holly  
Permitting Tech

432-685-4384  
[kholly@concho.com](mailto:kholly@concho.com)

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1. Article Addressed to:  Steven R. Willard, s&sp PO Box 1175 Artesia, NM 88211	B. Received by (Printed Name) <i>Steve Willard</i> C. Date of Delivery <i>10-9-15</i>	
2. Article Number (Transfer from service label)	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
PS Form 3811, February 2004	3. Service Type <input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	
Domestic Return Receipt	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	
102595-02-M-1540	91 7199 9991 7033 3878 7246	

RECEIVED  
 OCT 13 2015

PO 1174  
 ARTESIA NM 88211

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• 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		

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

October 6, 2015

Tarleton A. Woodson, a/k/a T.A. Woodson and Sherrill M. Woodson, Trustees of the Tarleton A. Woodson, a/k/a T.A. Woodson and Sherrill M. Woodson Rev Trust created 5/6/98  
PO Box 195  
Acton, CA 93510

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 N Seven Rivers; Glorieta Yeso oil well.

**Grave Digger State Com #8H  
Eddy County, NM**

**Non-Standard Location:**

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Sincerely,

COG Operating LLC



Kelly J. Holly  
Permitting Tech

432-685-4384

[kholly@concho.com](mailto:kholly@concho.com)

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<ul style="list-style-type: none"> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul> <p>1. Article Addressed to: <b>OCT 15 2015</b></p> <p>Tarleton A. Woodson, a/k/a T.A. Woodson and Sherrill M. Woodson, Trustees of the Tarleton A. Woodson, a/k/a T.A. Woodson and Sherrill M. Woodson Rev Trust created 5/6/98 PO Box 195 Acton, CA 93510</p>	<p>A. Signature  <input checked="" type="checkbox"/> <i>T.A. Woodson</i>      <input type="checkbox"/> Agent  <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name)      C. Date of Delivery  <i>T.A. Woodson</i>      <i>10/19/15</i></p> <p>D. Is delivery address different from item 1?      <input type="checkbox"/> Yes  If YES, enter delivery address below:      <input checked="" type="checkbox"/> No</p> <p>3. Service Type:  <input type="checkbox"/> Certified Mail      <input type="checkbox"/> Express Mail  <input type="checkbox"/> Registered      <input type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Insured Mail      <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee)      <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label)      <b>91 7199 9991 7035 3278 4980</b></p>	
<p>PS Form 3811, February 2004      Domestic Return Receipt      102595-02-M-1540</p>	

UNITED STATES POSTAL SERVICE / MIDLAND TX 797 1 L  
14 OCT 2015 PM

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 1CC-757  
600 W Illinois Ave  
Midland, TX 79701

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

October 6, 2015

Janet M. Hanley  
5422 Beaver Lodge Drive  
Kingsville, TX 77345

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 N Seven Rivers; Glorieta Yeso oil well.

**Grave Digger State Com #8H  
Eddy County, NM**

**Non-Standard Location:**

SHL: 170' FSL & 1610' FWL      Sec 2, T20S, R25E, Unit N  
BHL: 330' FNL & 1550' FWL      Sec 2, T20S, R25E, Lot 3

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.

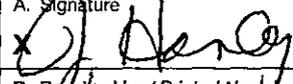
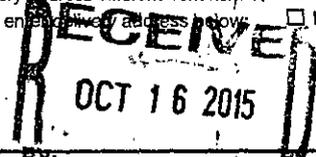
Sincerely,

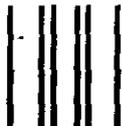
COG Operating LLC



Kelly J. Holly  
Permitting Tech

432-685-4384  
[kholly@concho.com](mailto:kholly@concho.com)

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Signature 	<input type="checkbox"/> Agent <input type="checkbox"/> Addressee
1. Article Addressed to:  Janet M. Hanley 5422 Beaver Lodge Drive Kingsville, TX 77345	B. Received by (Printed Name) Janet Hanley	C. Date of Delivery
2. Article Number <i>(Transfer from service label)</i>	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No <div style="text-align: center;">  </div>	
	3. Service Type <input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	
91 7199 9991 7033 3878 7284	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	
PS Form 3811, February 2004                      Domestic Return Receipt                      102585-02-M-1540		

UNITED STATES POSTAL SERVICE		First-Class Mail Postage & Fees Paid USPS Permit No. G-10
<p>• Sender: Please print your name, address, and ZIP+4 in this box •</p> <p>COG Operating LLC          One Concho Center          Attn: Kelly Holly          600 W Illinois Ave          Midland, TX 79701</p>		

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

October 6, 2015

Robert L. Aho and Sharon K. Aho, husband and wife, JTWROS  
2941 W. Rome Avenue  
Anaheim, CA 92804

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 N Seven Rivers; Glorieta Yeso oil well.

**Grave Digger State Com #8H  
Eddy County, NM**

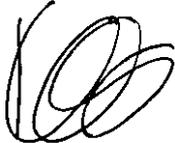
**Non-Standard Location:**

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Sincerely,

COG Operating LLC



Kelly J. Holly  
Permitting Tech

432-685-4384  
[kholly@concho.com](mailto:kholly@concho.com)

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<p>1. Article Addressed to:</p> <p>Robert L. Aho and Sharon K. Aho,  husband and wife, JTWROS  2941 W. Rome Avenue  Anaheim, CA 92804</p>	<p>B. Received by (Printed Name) <i>Robert Aho</i>      C. Date of Delivery <i>12/19/15</i></p>
<p>2. Article Number  (Transfer from service label):</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes  if YES, enter delivery address below: <input checked="" type="checkbox"/> No</p> <p><b>RECEIVED</b>  OCT 19 2015  BY: <i>[Signature]</i></p>
<p>PS Form 3811, February 2004</p>	<p>3. Service Type  <input type="checkbox"/> Certified Mail    <input type="checkbox"/> Express Mail  <input type="checkbox"/> Registered        <input type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Insured Mail      <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee)      <input type="checkbox"/> Yes</p> <p>91 7199 9991 7033 3878 7277</p> <p>Domestic Return Receipt      102595-02-M-1540</p>

<p>UNITED STATES POSTAL SERVICE</p>		<p>First-Class Mail  Postage &amp; Fees Paid  USPS  Permit No. G-10</p>
<p>• Sender: Please print your name, address, and ZIP+4 in this box •</p> <p>COG Operating LLC  One Concho Center  Attn: Kelly Holly  600 W Illinois Ave  Midland, TX 79701</p>		

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

October 6, 2015

Catherine Connolly, Trustee of the Catherine Connolly Trust, a Revocable Trust  
under Agmt dtd 12-30-10. and to the Successor Trustees  
10306 Eaton Place, Suite 130  
Fairfax, VA 22030

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  
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Fe, NM for an unorthodox N Seven Rivers; Glorieta Yeso oil well.

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Eddy County, NM**

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BHL: 330' FNL & 1550' FWL      Sec 2, T20S, R25E, Lot 3

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Sincerely,

COG Operating LLC



Kelly J. Holly  
Permitting Tech

432-685-4384  
[kholly@concho.com](mailto:kholly@concho.com)

OF THE RETURN ADDRESS, FOLD AT DOTTED LINE

**CERTIFIED MAIL**



91 7199 9991 7033 3878 7260



One Concho Center  
600 West Illinois Avenue  
Midland, Texas 79701

Catherine Connoly, Trustee of the  
Catherine Connolly Trust, a Revocable  
Trust under Agmt dtd 12-30-10. and to  
the Successor Trustees  
10306 Eaton Place, Suite 130

VA

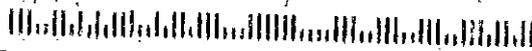
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220302259-1N

10/15/15

RETURN TO SENDER  
VACANT  
UNABLE TO FORWARD  
RETURN TO SENDER

①



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

October 6, 2015

David R. Woodson and Loretta M. Woodson, Trustees of the David R. Woodson  
and Loretta M. Woodson Living Trust dtd 1/4/99  
20313 NE 89th Avenue  
Battleground, WA 98604

Re: Request for Unorthodox Well Location

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Sincerely,

COG Operating LLC



Kelly J. Holly  
Permitting Tech

432-685-4384  
[kholly@concho.com](mailto:kholly@concho.com)

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<p>1. Article Addressed to:</p> <p>David R. Woodson and Loretta M. Woodson,  Trustees of the David R. Woodson and Loretta M.  Woodson Living Trust dtd 1/4/99  20313 NE 89th Avenue  Battleground, WA 98604</p>	<p>D. Is delivery address different from item 1?  If YES, enter delivery address below:</p> <p><b>OCT 14 2015</b>  <b>98604 US95</b></p> <p>3. Service Type  <input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail  <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number:  (Transfer from service label)</p>	<p><b>91 7199 9991 7035 3278 4973</b></p>
<p>PS Form 3811, February 2004</p>	<p>Domestic Return Receipt <span style="float: right;">102595-02-M-1540</span></p>

<p>UNITED STATES POSTAL SERVICE</p>		<p>First-Class Mail  Postage &amp; Fees Paid  USPS  Permit No. G-10</p>
<p>• Sender: Please print your name, address, and ZIP+4 in this box •</p> <p style="text-align: center;"> COG Operating LLC  One Concho Center  Attn: Kelly Holly  600 W Illinois Ave  Midland, TX 79701 </p>		

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

October 6, 2015

William S. Woodson and Linda Kay Woodson, Trustees of the William S. Woodson and Linda Kay Woodson Trust dtd 12/17/99  
211 Dunes Street  
Morrow Bay, CA 93442

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 N Seven Rivers; Glorieta Yeso oil well.

**Grave Digger State Com #8H  
Eddy County, NM**

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Sincerely,

COG Operating LLC



Kelly J. Holly  
Permitting Tech

432-685-4384  
[kholly@concho.com](mailto:kholly@concho.com)

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1. Article Addressed to:  William S. Woodson and Linda Kay Woodson, Trustees of the William S. Woodson and Linda Kay Woodson Trust dtd 12/17/99 211 Dunes Street Morrow Bay, CA 93442	B. Received by (Printed Name) _____ C. Date of Delivery 10/13
2. Article Number (Transfer from service label)	D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No If YES, enter delivery address below: <b>RECEIVED</b> <b>OCT 19 2015</b> BY: _____
PS Form 3811, February 2004	3. Service Type <input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.
Domestic Return Receipt	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes 91 7199 9991 7035 3278 4997 102595-02-M-1540

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<p align="center">• Sender: Please print your name, address, and ZIP+4 in this box •</p> <p align="center">           COG Operating LLC            One Concho Center            Attn: Kelly Holly            600 W Illinois Ave            Midland, TX 79701         </p>		

## **Lowe, Leonard, EMNRD**

---

**From:** Lowe, Leonard, EMNRD  
**Sent:** Friday, October 23, 2015 10:39 AM  
**To:** 'Robyn Odom'  
**Cc:** McMillan, Michael, EMNRD; Jones, William V, EMNRD  
**Subject:** RE: Grave Digger State Com. Well No. 8H

**Importance:** High

Robyn Odom,

Good morning.

My name is Leonard Lowe and I will be processing your application shortly.

I will start working for the Engineering Bureau on Monday, October 26<sup>th</sup>, 2015. I hope to have my new office fully functioning by Tuesday, October 27, if not sooner. There after I intend to work with Mr. McMillan on processing your application.

Thank you,

**Leonard Lowe**  
Oil Conservation Division  
Energy Minerals and Natural Resources Department  
1220 South St. Frances  
Santa Fe, New Mexico 87004  
Office: 505-476-3492  
Fax: 505-476-3462  
E-mail: [leonard.lowe@state.nm.us](mailto:leonard.lowe@state.nm.us)  
Website: <http://www.emnrd.state.nm.us/ocd/>

---

**From:** Robyn Odom [mailto:[rodom@concho.com](mailto:rodom@concho.com)]  
**Sent:** Thursday, October 22, 2015 3:10 PM  
**To:** McMillan, Michael, EMNRD <[Michael.McMillan@state.nm.us](mailto:Michael.McMillan@state.nm.us)>  
**Cc:** Lowe, Leonard, EMNRD <[Leonard.Lowe@state.nm.us](mailto:Leonard.Lowe@state.nm.us)>  
**Subject:** RE: Grave Digger State Com. Well No. 8H

Hey Michael,

I believe that the first perf will be around 330 FSL & 1600 FWL and the last perf will be around 350 FNL & 1550 FWL.

Thank you,

Robyn Odom  
(432) 685-4385  
[Rodom@concho.com](mailto:Rodom@concho.com)

---

**From:** McMillan, Michael, EMNRD [<mailto:Michael.McMillan@state.nm.us>]  
**Sent:** Wednesday, October 21, 2015 4:28 PM  
**To:** Robyn Odom  
**Cc:** Lowe, Leonard, EMNRD  
**Subject:** [External] Grave Digger State Com. Well No. 8H

Ms. Odom:

I need the following information for the Grave Digger State Com. Well No. 8H.

- The first perf distance from Section boundary (from South and West) Is it 396FSL & 1600FEL? If that is correct, then Unit M is affected
- The final perf distance from Section boundary (from North and West) Is it 880FNI & 1545? If that is correct, then Lot 4 is affected, and SW/4Sw/4 Section 35 T19S R25E is affected

These are best guesses, so tell me if you have different numbers.

These will determine who are the affected parties

Thank you

## **Michael A. McMillan**

Engineering and Geological Services Bureau, Oil Conservation Division  
1220 South St. Francis Dr., Santa Fe NM 87505  
O: 505.476.3448 F. 505.476.3462  
[Michael.mcmillan@state.nm.us](mailto:Michael.mcmillan@state.nm.us)

CONFIDENTIALITY NOTICE: The information in this email may be confidential and/or privileged. If you are not the intended recipient or an authorized representative of the intended recipient, you are hereby notified that any review, dissemination or copying of this email and its attachments, if any, or the information contained herein, is prohibited. If you have received this email in error, please immediately notify the sender by return email and delete this email from your system. Thank you.

## LEGAL NOTICE

COG Operating LLC is applying for a non-standard location with the NM Oil Conservation Division to produce 2 oil and gas wells in Eddy County, NM. The 2 well locations and names are as follows:

Bradley 8 Fee #5H  
Eddy County, NM  
API# 30-015-43004  
Surface: 150' FSL & 1157' FWL, Sec 8  
T19S, R26E, Unit M  
Wildcat; G-01 S192617K Gior-Yeso

Grave Digger State Com #8H  
Eddy County, NM  
API# 30-015-43397  
Surface: 170' FSL & 1610' FWL, Sec 2  
T20S, R25E, Unit N  
N. Seven Rivers; Glorieta-Yeso

Interested parties must file objections or requests for hearing with the New Mexico Oil Conservation Division 1220 South Saint Francis Dr. Santa Fe, NM 87505 within 20 days. Additional information can be obtained by contacting Robyn Odom, COG Operating LLC, 600 West Illinois Ave, Midland, TX 79701. Phone 432.685.4385

Published in the Artesia Daily Press, Artesia, N.M., Oct. 28, 2015 Legal No. 23698.

# OCD Permitting

Home Land Searches Land Details

## Section : 02-20S-25E

Type: Normal

Total Acres: 641.04

County: Eddy (15)

D (4) Federal <sup>1</sup> State <sup>2</sup> (15) 40.46	C (3) Federal <sup>1</sup> State <sup>2</sup> (15) 40.32	B (2) Federal <sup>1</sup> State <sup>2</sup> (15) 40.2	A (1) Federal <sup>1</sup> State <sup>2</sup> (15) 40.06
E (E) Federal <sup>1</sup> State <sup>2</sup> (15) 40	F (F) Federal <sup>1</sup> State <sup>2</sup> (15) 40	G (G) Federal <sup>1</sup> State <sup>2</sup> (15) 40	H (H) Fee <sup>1</sup> Fee <sup>2</sup> (15) 40
L (L) Federal <sup>1</sup> State <sup>2</sup> (15) 40	K (K) Fee <sup>1</sup> Fee <sup>2</sup> (15) 40	J (J) Fee <sup>1</sup> Fee <sup>2</sup> (15) 40	I (I) Fee <sup>1</sup> Fee <sup>2</sup> (15) 40
M (M) Federal <sup>1</sup> Federal <sup>2</sup> (15) 40	N (N) Fee <sup>1</sup> Fee <sup>2</sup> (15) 40	O (O) Fee <sup>1</sup> Fee <sup>2</sup> (15) 40	P (P) Fee <sup>1</sup> Fee <sup>2</sup> (15) 40

Note<sup>1</sup> = Surface Owner Rights

Note<sup>2</sup> = Sub-Surface Mineral Rights

### Land Restrictions

No land restrictions found for this section.

[Return to Search](#)