

RECEIVED 6/23/17 6/2/2017	REVIEWER LRL	TYPE NSL	APP NO PL1715352359
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

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

**NSL-7550****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

Applicant: COG Operating LLC **OGRID Number:** 229137
Well Name: Burch Keely Unit #946H **API:** 30-015-44100
Pool: Burch Keely, Glorieta-Upper Yeso **Pool Code:** 97918

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

NSL-7550**1) TYPE OF APPLICATION:** Check those which apply for [A]

A Location - Spacing Unit - Simultaneous Dedication

☒ NSL☐ NSP (PROJECT AREA)☐ NSP (PRORATION UNIT)☐ SD

B Check one only for [I] or [II]

[I] Commingling - Storage - Measurement

☐ DHC☐ CTB☐ PLC☐ PC☐ OLS☐ OLM

[II] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX☐ PMX☐ SWD☐ IPI☐ EOR☐ PPR**2) NOTIFICATION REQUIRED TO:** Check those which applyA ☒ Offset operators or lease holdersB ☐ Royalty, overriding royalty owners, revenue ownersC ☐ Application requires published noticeD ☐ Notification and/or concurrent approval by SLOE ☐ Notification and/or concurrent approval by BLMF ☐ Surface ownerG ☒ For all of the above, proof of notification or publication is attached, and/or,H ☐ No notice required**FOR OCD ONLY**☐ Notice Complete
☐ Application
 Content
 Complete

3) 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

Robyn Russell

Print or Type Name

05/30/2017

Date

(432) 685-4385

Phone Number

Russell@concho.com

e-mail Address

Signature



May 30, 2017

New Mexico Oil Conservation Division
1220 S St Francis Drive
Santa Fe, NM 87505

RE **Burch Keely Unit #946H NSL**

To Whom It May Concern,

COG Operating LLC respectfully requests approval of a non-standard project area for the following wells

Burch Keely Unit #946H - API# 3001544100
SHL 487 FNL 342 FEL, UL A, Sec 23, T17S, R29E
BHL 330 FNL 10 FWL, UL D, Sec 23, T17S, R29E
TVD 4950'

The purpose of this NSL request is to satisfy the approved BLM Sundry for drilling to 330' FNL and 10' FWL. The granting of this NSL will optimize the completed lateral length of this wellbore, reducing waste while protecting correlative rights, and improving well economics and increasing revenue to the State of New Mexico and the Federal Government.

COG Operating LLC is the Operator in sections 15 & 22, T17S, R29E. Nancy McClymond, Et Al, as non-operating working interest owners of the leasehold in these sections, has been sent notification via certified mail. Copies of said mail have been attached to this application.

Please contact me should you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Robyn Russell", written over a horizontal line.

Robyn Russell
Regulatory Analyst
COG Operating, LLC
(432) 685-4385
Rrussell@concho.com



Memorandum

To. Michael McMillan
Engineering Bureau
New Mexico Oil Conservation Division

From Bryan Montgomery
Reservoir Engineering Supervisor, NM Shelf Team
COG Operating LLC

Date. May 22, 2017

Subject Burch Keely Unit #946H NSL Engineer Statement

COG Operating LLC (COG) is requesting a non-standard location exception (NSL) for this horizontal well to be able to access and drain Yeso reserves that would otherwise be left in the reservoir, thereby preventing waste of an economic resource. The Yeso is a very low permeability reservoir that does not sufficiently drain a great distance from wellbores and their hydraulic fractures. In addition, it would not be economical to try to access these reserves with a vertical well.

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

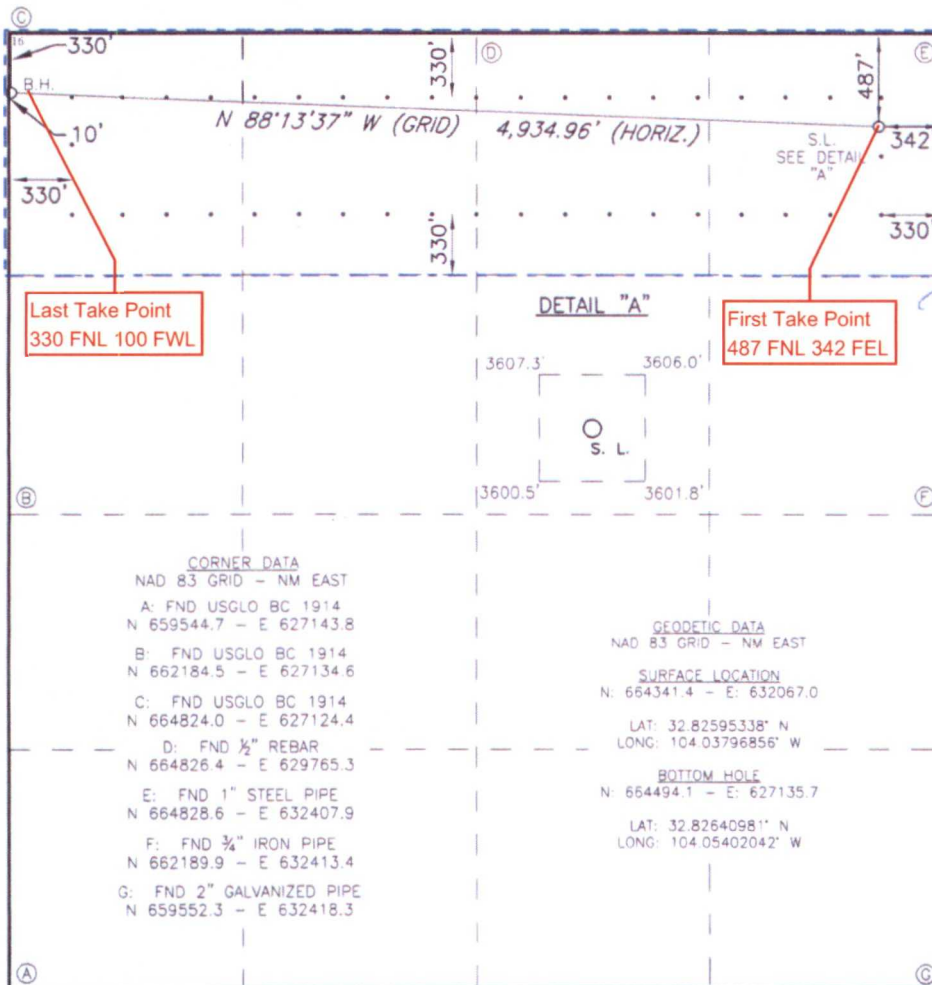
Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-44100		² Pool Code 97918		³ Pool Name Burch Keely; Glorieta-Upper Yeso					
⁴ Property Code 308086		⁵ Property Name BURCH KEELY UNIT						⁶ Well Number 946H	
⁷ OGRID NO 229137		⁸ Operator Name COG OPERATING, LLC						⁹ Elevation 3602'	
¹⁰ Surface Location									
UL or lot no. A	Section 23	Township 17S	Range 29E	Lot Idn	Feet from the 487	North-South line NORTH	Feet from the 342	East-West line EAST	County EDDY
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. D	Section 23	Township 17S	Range 29E	Lot Idn	Feet from the 330	North-South line NORTH	Feet from the 10	East-West line WEST	County EDDY
¹² Dedicated Acres 160		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.



17 OPERATOR CERTIFICATION	
I hereby certify that the information contained 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.	
Signature <i>Robyn M. Russell</i>	Date 05/01/2017
Printed Name Robyn M. Russell	
E-mail Address Russell@concho.com	
18 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.	
Date of Survey 5/6/2013	
Signature and Seal of Professional Surveyor <i>Robert M. Howett</i>	
Certificate Number 19680	
3/23/17 BH CHANGE	



C O N C H O

COG Operating LLC

Eddy County, NM (NAD-27 2015)

Burch Keely Unit #946H

SHL: 487' FNL, 342' FEL, Sec 23, T17S, R29E, Unit A

PP: 487' FNL, 342' FEL, Sec 23, T17S, R29E, Unit A

BHL: 330' FNL, 10' FWL, Sec 23, T17S, R29E, Unit D

Plan: Design #1

Standard Planning Report

03 May, 2017



Database	EDM 5000 1 Single User Db	Local Co-ordinate Reference	Well SHL 487' FNL, 342' FEL, Sec 23, T17S, R29E, Unit A
Company	COG Operating LLC	TVD Reference	KB @ 3620 00usft (Patnot 6)
Project	Eddy County, NM (NAD-27 2015)	MD Reference	KB @ 3620 00usft (Patnot 6)
Site	Burch Keely Unit #946H	North Reference	Grd
Well	SHL 487' FNL, 342' FEL, Sec 23, T17S, R29E, Unit A	Survey Calculation Method	Minimum Curvature
Wellbore	BHL 330' FNL, 10' FWL, Sec 23, T17S, R29E, Unit D		
Design	Design #1		

Project	Eddy County, NM (NAD-27 2015)		
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		Burch Keely Unit #946H			
Site Position		Northing	664,278 00 usft	Latitude	32° 49' 33 015 N
From	Map	Easting	590,888 00 usft	Longitude	104° 2' 14 853 W
Position Uncertainty	0 00 usft	Slot Radius	13 20 in	Grid Convergence	0 16 °

Well	SHL 487' FNL, 342' FEL, Sec 23, T17S, R29E, Unit A					
Well Position	+N/-S	0 00 usft	Northing	664,278 00 usft	Latitude	32° 49' 33 015 N
	+E/-W	0 00 usft	Easting	590,888 00 usft	Longitude	104° 2' 14 853 W
Position Uncertainty		0 00 usft	Wellhead Elevation	3,620 00 usft	Ground Level	3,602 00 usft

Wellbore	BHL 330' FNL, 10' FWL, Sec 23, T17S, R29E, Unit D				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	IGRF2015	05/03/17	7 23	60 54	48,256

Design	Design #1			
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	271 77

Plan Sections										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Dogleg	Build	Turn	TFO	Target
Depth	(°)	(°)	Depth	(usft)	(usft)	Rate	Rate	Rate	(°)	
(usft)			(usft)			(°/100usft)	(°/100usft)	(°/100usft)		
0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	
4,429 21	0 00	0 00	4,429 21	0 00	0 00	0 00	0 00	0 00	0 00	
5,256 48	91 00	271 77	4,950 00	16 40	-529 71	11 00	11 00	0 00	271 77	
9,660 85	91 00	271 77	4,873 13	152 70	-4,931 30	0 00	0 00	0 00	0 00	PBHL Plat (BKU 946H)

Database	EDM 5000 1 Single User Db	Local Co-ordinate Reference	Well SHL 487' FNL, 342' FEL, Sec 23, T17S, R29E, Unit A
Company	COG Operating LLC	TVD Reference	KB @ 3620 00usft (Patnot 6)
Project	Eddy County, NM (NAD-27 2015)	MD Reference	KB @ 3620 00usft (Patnot 6)
Site	Burch Keely Unit #946H	North Reference	Grd
Well	SHL 487' FNL, 342' FEL, Sec 23, T17S, R29E, Unit A	Survey Calculation Method	Minimum Curvature
Wellbore	BHL 330' FNL, 10' FWL, Sec 23, T17S, R29E, Unit D		
Design	Design #1		

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
100 00	0 00	0 00	100 00	0 00	0 00	0 00	0 00	0 00	0 00
200 00	0 00	0 00	200 00	0 00	0 00	0 00	0 00	0 00	0 00
300 00	0 00	0 00	300 00	0 00	0 00	0 00	0 00	0 00	0 00
400 00	0 00	0 00	400 00	0 00	0 00	0 00	0 00	0 00	0 00
500 00	0 00	0 00	500 00	0 00	0 00	0 00	0 00	0 00	0 00
600 00	0 00	0 00	600 00	0 00	0 00	0 00	0 00	0 00	0 00
700 00	0 00	0 00	700 00	0 00	0 00	0 00	0 00	0 00	0 00
800 00	0 00	0 00	800 00	0 00	0 00	0 00	0 00	0 00	0 00
900 00	0 00	0 00	900 00	0 00	0 00	0 00	0 00	0 00	0 00
1,000 00	0 00	0 00	1,000 00	0 00	0 00	0 00	0 00	0 00	0 00
1,100 00	0 00	0 00	1,100 00	0 00	0 00	0 00	0 00	0 00	0 00
1,200 00	0 00	0 00	1,200 00	0 00	0 00	0 00	0 00	0 00	0 00
1,300 00	0 00	0 00	1,300 00	0 00	0 00	0 00	0 00	0 00	0 00
1,400 00	0 00	0 00	1,400 00	0 00	0 00	0 00	0 00	0 00	0 00
1,500 00	0 00	0 00	1,500 00	0 00	0 00	0 00	0 00	0 00	0 00
1,600 00	0 00	0 00	1,600 00	0 00	0 00	0 00	0 00	0 00	0 00
1,700 00	0 00	0 00	1,700 00	0 00	0 00	0 00	0 00	0 00	0 00
1,800 00	0 00	0 00	1,800 00	0 00	0 00	0 00	0 00	0 00	0 00
1,900 00	0 00	0 00	1,900 00	0 00	0 00	0 00	0 00	0 00	0 00
2,000 00	0 00	0 00	2,000 00	0 00	0 00	0 00	0 00	0 00	0 00
2,100 00	0 00	0 00	2,100 00	0 00	0 00	0 00	0 00	0 00	0 00
2,200 00	0 00	0 00	2,200 00	0 00	0 00	0 00	0 00	0 00	0 00
2,300 00	0 00	0 00	2,300 00	0 00	0 00	0 00	0 00	0 00	0 00
2,400 00	0 00	0 00	2,400 00	0 00	0 00	0 00	0 00	0 00	0 00
2,500 00	0 00	0 00	2,500 00	0 00	0 00	0 00	0 00	0 00	0 00
2,600 00	0 00	0 00	2,600 00	0 00	0 00	0 00	0 00	0 00	0 00
2,700 00	0 00	0 00	2,700 00	0 00	0 00	0 00	0 00	0 00	0 00
2,800 00	0 00	0 00	2,800 00	0 00	0 00	0 00	0 00	0 00	0 00
2,900 00	0 00	0 00	2,900 00	0 00	0 00	0 00	0 00	0 00	0 00
3,000 00	0 00	0 00	3,000 00	0 00	0 00	0 00	0 00	0 00	0 00
3,100 00	0 00	0 00	3,100 00	0 00	0 00	0 00	0 00	0 00	0 00
3,200 00	0 00	0 00	3,200 00	0 00	0 00	0 00	0 00	0 00	0 00
3,300 00	0 00	0 00	3,300 00	0 00	0 00	0 00	0 00	0 00	0 00
3,400 00	0 00	0 00	3,400 00	0 00	0 00	0 00	0 00	0 00	0 00
3,500 00	0 00	0 00	3,500 00	0 00	0 00	0 00	0 00	0 00	0 00
3,600 00	0 00	0 00	3,600 00	0 00	0 00	0 00	0 00	0 00	0 00
3,700 00	0 00	0 00	3,700 00	0 00	0 00	0 00	0 00	0 00	0 00
3,800 00	0 00	0 00	3,800 00	0 00	0 00	0 00	0 00	0 00	0 00
3,900 00	0 00	0 00	3,900 00	0 00	0 00	0 00	0 00	0 00	0 00
4,000 00	0 00	0 00	4,000 00	0 00	0 00	0 00	0 00	0 00	0 00
4,100 00	0 00	0 00	4,100 00	0 00	0 00	0 00	0 00	0 00	0 00
4,200 00	0 00	0 00	4,200 00	0 00	0 00	0 00	0 00	0 00	0 00
4,300 00	0 00	0 00	4,300 00	0 00	0 00	0 00	0 00	0 00	0 00
4,400 00	0 00	0 00	4,400 00	0 00	0 00	0 00	0 00	0 00	0 00
4,429 21	0 00	0 00	4,429 21	0 00	0 00	0 00	0 00	0 00	0 00
Start Build 11 00									
4,450 00	2 29	271 77	4,449 99	0 01	-0 41	0 42	11 00	11 00	0 00
4,500 00	7 79	271 77	4,499 78	0 15	-4 80	4 80	11 00	11 00	0 00
4,550 00	13 29	271 77	4,548 92	0 43	-13 94	13 94	11 00	11 00	0 00
4,600 00	18 79	271 77	4,596 96	0 86	-27 74	27 75	11 00	11 00	0 00

Database	EDM 5000 1 Single User Db	Local Co-ordinate Reference	Well SHL 487' FNL, 342' FEL, Sec 23, T17S, R29E, Unit A
Company	COG Operating LLC	TVD Reference	KB @ 3620 00usft (Patnot 6)
Project	Eddy County, NM (NAD-27 2015)	MD Reference	KB @ 3620 00usft (Patnot 6)
Site	Burch Keely Unit #946H	North Reference	Grnd
Well	SHL 487' FNL, 342' FEL, Sec 23, T17S, R29E, Unit A	Survey Calculation Method	Minimum Curvature
Wellbore	BHL 330' FNL, 10' FWL, Sec 23, T17S, R29E, Unit D		
Design	Design #1		

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)
4,650 00	24 29	271 77	4,643 45	1 43	-46 08	46 10	11 00	11 00	0 00
4,700 00	29 79	271 77	4,687 97	2 13	-68 79	68 82	11 00	11 00	0 00
4,750 00	35 29	271 77	4,730 10	2 96	-95 66	95 70	11 00	11 00	0 00
4,800 00	40 79	271 77	4,769 47	3 92	-126 44	126 50	11 00	11 00	0 00
4,850 00	46 29	271 77	4,805 70	4 98	-160 85	160 93	11 00	11 00	0 00
4,900 00	51 79	271 77	4,838 46	6 15	-198 57	198 67	11 00	11 00	0 00
4,950 00	57 29	271 77	4,867 46	7 41	-239 26	239 38	11 00	11 00	0 00
5,000 00	62 79	271 77	4,892 42	8 75	-282 54	282 68	11 00	11 00	0 00
5,050 00	68 29	271 77	4,913 12	10 16	-328 02	328 17	11 00	11 00	0 00
5,100 00	73 79	271 77	4,929 36	11 62	-375 26	375 44	11 00	11 00	0 00
5,150 00	79 29	271 77	4,941 00	13 12	-423 85	424 05	11 00	11 00	0 00
5,200 00	84 79	271 77	4,947 92	14 66	-473 32	473 55	11 00	11 00	0 00
5,250 00	90 29	271 77	4,950 07	16 20	-523 23	523 48	11 00	11 00	0 00
5,256 48	91 00	271 77	4,950 00	16 40	-529 71	529 96	11 00	11 00	0 00
Start 4404 37 hold at 5256 48 MD									
5,300 00	91 00	271 77	4,949 24	17 75	-573 20	573 48	0 00	0 00	0 00
5,400 00	91 00	271 77	4,947 49	20 84	-673 14	673 46	0 00	0 00	0 00
5,500 00	91 00	271 77	4,945 75	23 94	-773 08	773 45	0 00	0 00	0 00
5,600 00	91 00	271 77	4,944 00	27 03	-873 01	873 43	0 00	0 00	0 00
5,700 00	91 00	271 77	4,942 26	30 13	-972 95	973 42	0 00	0 00	0 00
5,800 00	91 00	271 77	4,940 51	33 22	-1,072 89	1,073 40	0 00	0 00	0 00
5,900 00	91 00	271 77	4,938 77	36 32	-1,172 82	1,173 38	0 00	0 00	0 00
6,000 00	91 00	271 77	4,937 02	39 41	-1,272 76	1,273 37	0 00	0 00	0 00
6,100 00	91 00	271 77	4,935 28	42 51	-1,372 70	1,373 35	0 00	0 00	0 00
6,200 00	91 00	271 77	4,933 53	45 60	-1,472 63	1,473 34	0 00	0 00	0 00
6,300 00	91 00	271 77	4,931 79	48 70	-1,572 57	1,573 32	0 00	0 00	0 00
6,400 00	91 00	271 77	4,930 04	51 79	-1,672 51	1,673 31	0 00	0 00	0 00
6,500 00	91 00	271 77	4,928 29	54 88	-1,772 44	1,773 29	0 00	0 00	0 00
6,600 00	91 00	271 77	4,926 55	57 98	-1,872 38	1,873 28	0 00	0 00	0 00
6,700 00	91 00	271 77	4,924 80	61 07	-1,972 32	1,973 26	0 00	0 00	0 00
6,800 00	91 00	271 77	4,923 06	64 17	-2,072 25	2,073 25	0 00	0 00	0 00
6,900 00	91 00	271 77	4,921 31	67 26	-2,172 19	2,173 23	0 00	0 00	0 00
7,000 00	91 00	271 77	4,919 57	70 36	-2,272 13	2,273 22	0 00	0 00	0 00
7,100 00	91 00	271 77	4,917 82	73 45	-2,372 07	2,373 20	0 00	0 00	0 00
7,200 00	91 00	271 77	4,916 08	76 55	-2,472 00	2,473 19	0 00	0 00	0 00
7,300 00	91 00	271 77	4,914 33	79 64	-2,571 94	2,573 17	0 00	0 00	0 00
7,400 00	91 00	271 77	4,912 59	82 74	-2,671 88	2,673 16	0 00	0 00	0 00
7,500 00	91 00	271 77	4,910 84	85 83	-2,771 81	2,773 14	0 00	0 00	0 00
7,600 00	91 00	271 77	4,909 10	88 93	-2,871 75	2,873 13	0 00	0 00	0 00
7,700 00	91 00	271 77	4,907 35	92 02	-2,971 69	2,973 11	0 00	0 00	0 00
7,800 00	91 00	271 77	4,905 61	95 11	-3,071 62	3,073 10	0 00	0 00	0 00
7,900 00	91 00	271 77	4,903 86	98 21	-3,171 56	3,173 08	0 00	0 00	0 00
8,000 00	91 00	271 77	4,902 12	101 30	-3,271 50	3,273 07	0 00	0 00	0 00
8,100 00	91 00	271 77	4,900 37	104 40	-3,371 43	3,373 05	0 00	0 00	0 00
8,200 00	91 00	271 77	4,898 63	107 49	-3,471 37	3,473 03	0 00	0 00	0 00
8,300 00	91 00	271 77	4,896 88	110 59	-3,571 31	3,573 02	0 00	0 00	0 00
8,400 00	91 00	271 77	4,895 14	113 68	-3,671 24	3,673 00	0 00	0 00	0 00
8,500 00	91 00	271 77	4,893 39	116 78	-3,771 18	3,772 99	0 00	0 00	0 00
8,600 00	91 00	271 77	4,891 64	119 87	-3,871 12	3,872 97	0 00	0 00	0 00
8,700 00	91 00	271 77	4,889 90	122 97	-3,971 06	3,972 96	0 00	0 00	0 00
8,800 00	91 00	271 77	4,888 15	126 06	-4,070 99	4,072 94	0 00	0 00	0 00

Database	EDM 5000 1 Single User Db	Local Co-ordinate Reference	Well SHL 487' FNL, 342' FEL, Sec 23, T17S, R29E, Unit A
Company	COG Operating LLC	TVD Reference	KB @ 3620 00usft (Patriot 6)
Project	Eddy County, NM (NAD-27 2015)	MD Reference	KB @ 3620 00usft (Patriot 6)
Site	Burch Keely Unit #946H	North Reference	Grid
Well	SHL 487' FNL, 342' FEL, Sec 23, T17S, R29E, Unit A	Survey Calculation Method	Minimum Curvature
Wellbore	BHL 330' FNL, 10' FWL, Sec 23, T17S, R29E, Unit D		
Design	Design #1		

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)	
8,900 00	91 00	271 77	4,886 41	129 15	-4,170 93	4,172 93	0 00	0 00	0 00	
9,000 00	91 00	271 77	4,884 66	132 25	-4,270 87	4,272 91	0 00	0 00	0 00	
9,100 00	91 00	271 77	4,882 92	135 34	-4,370 80	4,372 90	0 00	0 00	0 00	
9,200 00	91 00	271 77	4,881 17	138 44	-4,470 74	4,472 88	0 00	0 00	0 00	
9,300 00	91 00	271 77	4,879 43	141 53	-4,570 68	4,572 87	0 00	0 00	0 00	
9,400 00	91 00	271 77	4,877 68	144 63	-4,670 61	4,672 85	0 00	0 00	0 00	
9,500 00	91 00	271 77	4,875 94	147 72	-4,770 55	4,772 84	0 00	0 00	0 00	
9,600 00	91 00	271 77	4,874 19	150 82	-4,870 49	4,872 82	0 00	0 00	0 00	
9,660 85	91 00	271 77	4,873 13	152 70	-4,931 30	4,933 66	0 00	0 00	0 00	
TD at 9660 85										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir (°)	TVD (usft)	+N-S (usft)	+E-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
PP (BKU 946H/L1) - hit/miss target - Shape - Point	0 00	0 00	0 00	0 00	0 00	664,278 00	590 888 00	32° 49' 33 015 N	104° 2' 14 853 W	
PBHL Plat (BKU 946H/L) - plan hits target center - Point	0 00	0 00	4,873 13	152 70	-4,931 30	664,430 70	585,956 70	32° 49' 34 659 N	104° 3' 12 639 W	

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N-S (usft)	+E-W (usft)	Comment	
4,429 21	4,429 21	0 00	0 00	Start Build 11 00	
5,256 48	4,950 00	16 40	-529 71	Start 4404 37 hold at 5256 48 MD	
9,660 85	4,873 13	152 70	-4,931 30	TD at 9660 85	

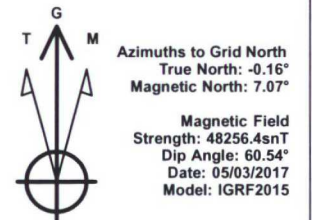
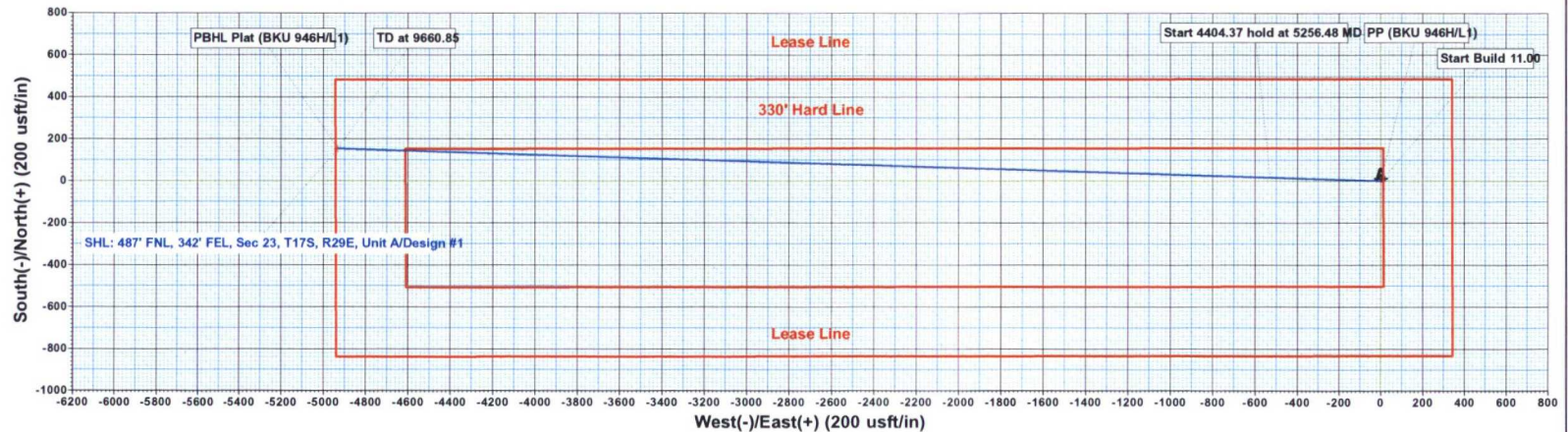
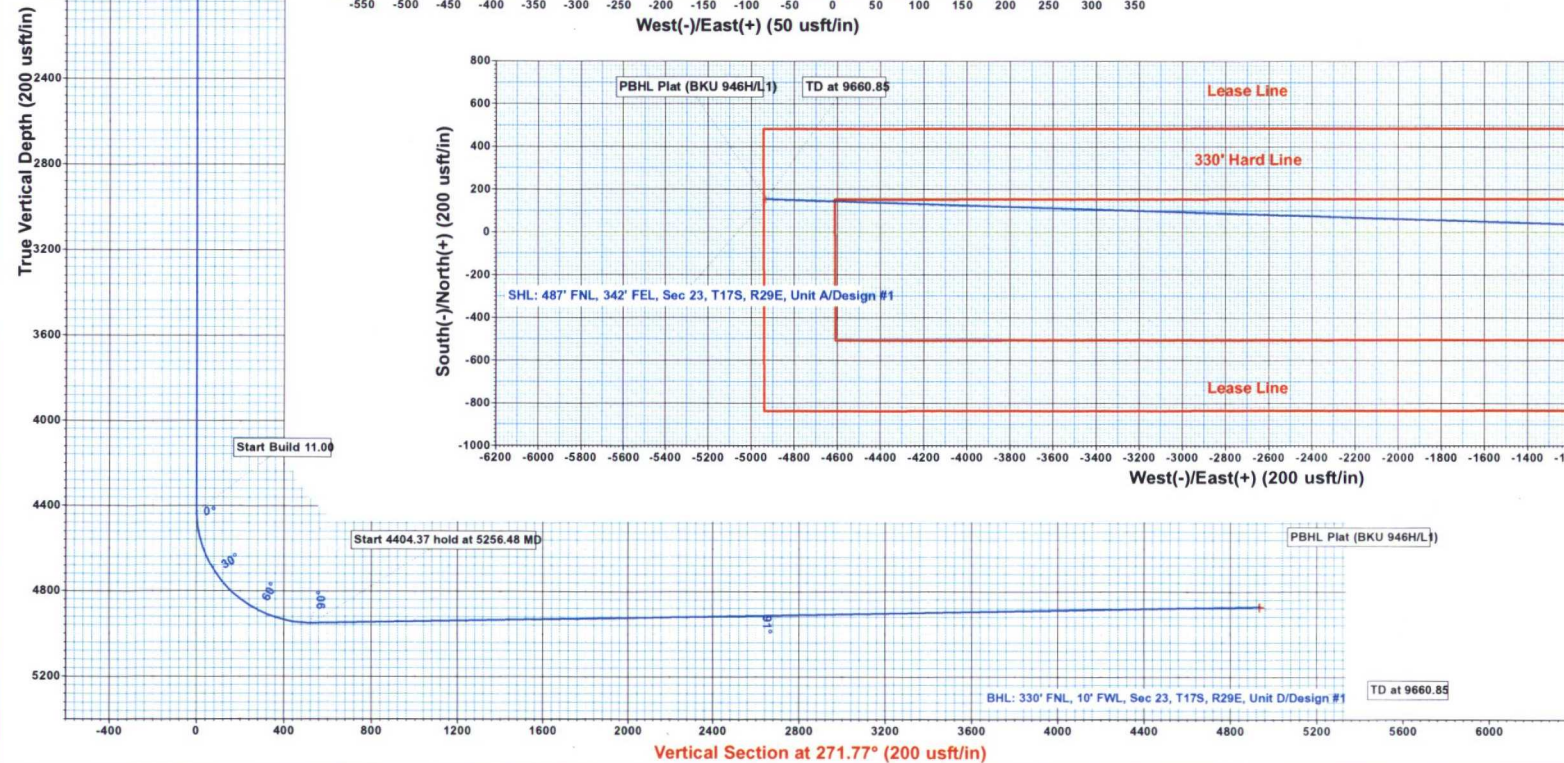
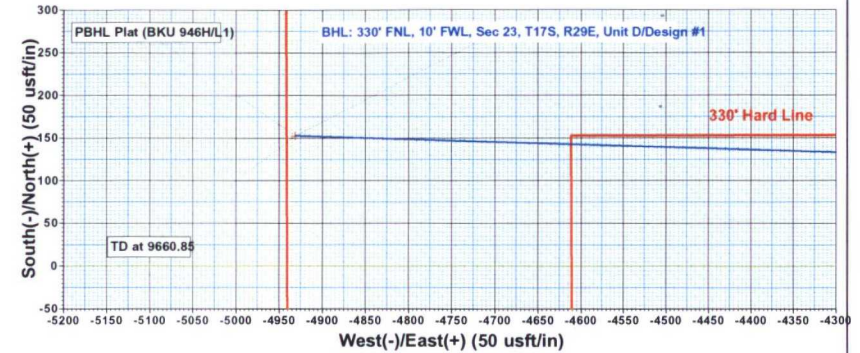
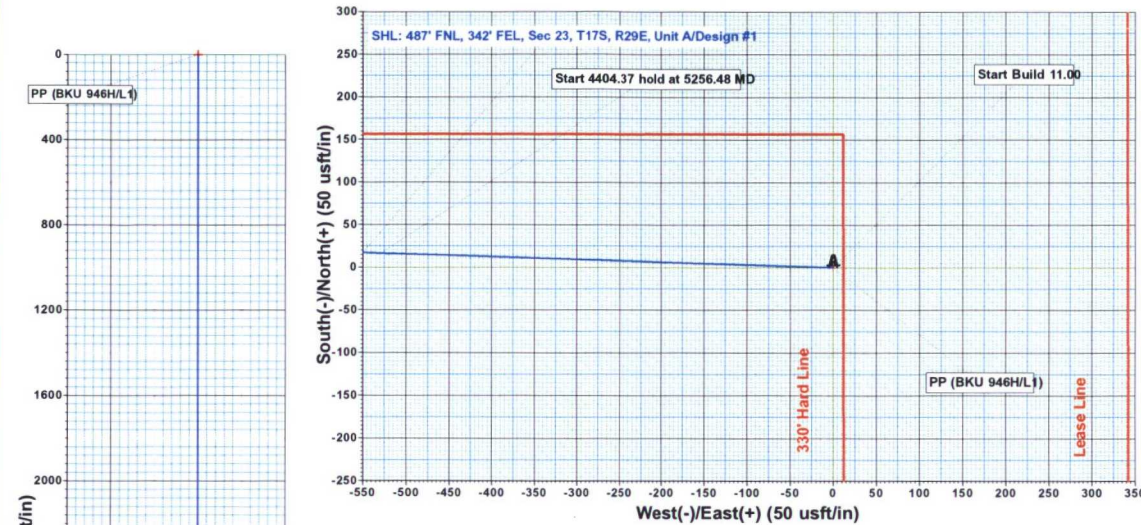


COG Operating LLC
Project: Eddy County, NM (NAD-27 2015)
Site: Burch Keely Unit #946H

Well: SHL: 487' FNL, 342' FEL, Sec 23, T17S, R29E, Unit A
Wellbore: BHL: 330' FNL, 10' FWL, Sec 23, T17S, R29E, Unit D

Plan: Design #1 (SHL: 487' FNL, 342' FEL, Sec 23, T17S, R29E, Unit A/BHL: 330' FNL, 10' FWL, Sec 23, T17S, R29E, Unit D)

Section Details										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	4429.21	0.00	0.00	4429.21	0.00	0.00	0.00	0.00	0.00	
3	5256.48	91.00	271.77	4950.00	16.40	-529.71	11.00	271.77	529.96	
4	9660.85	91.00	271.77	4873.13	152.70	-4931.30	0.00	0.00	4933.66	PBHL Plat (BKU 946H/L1)



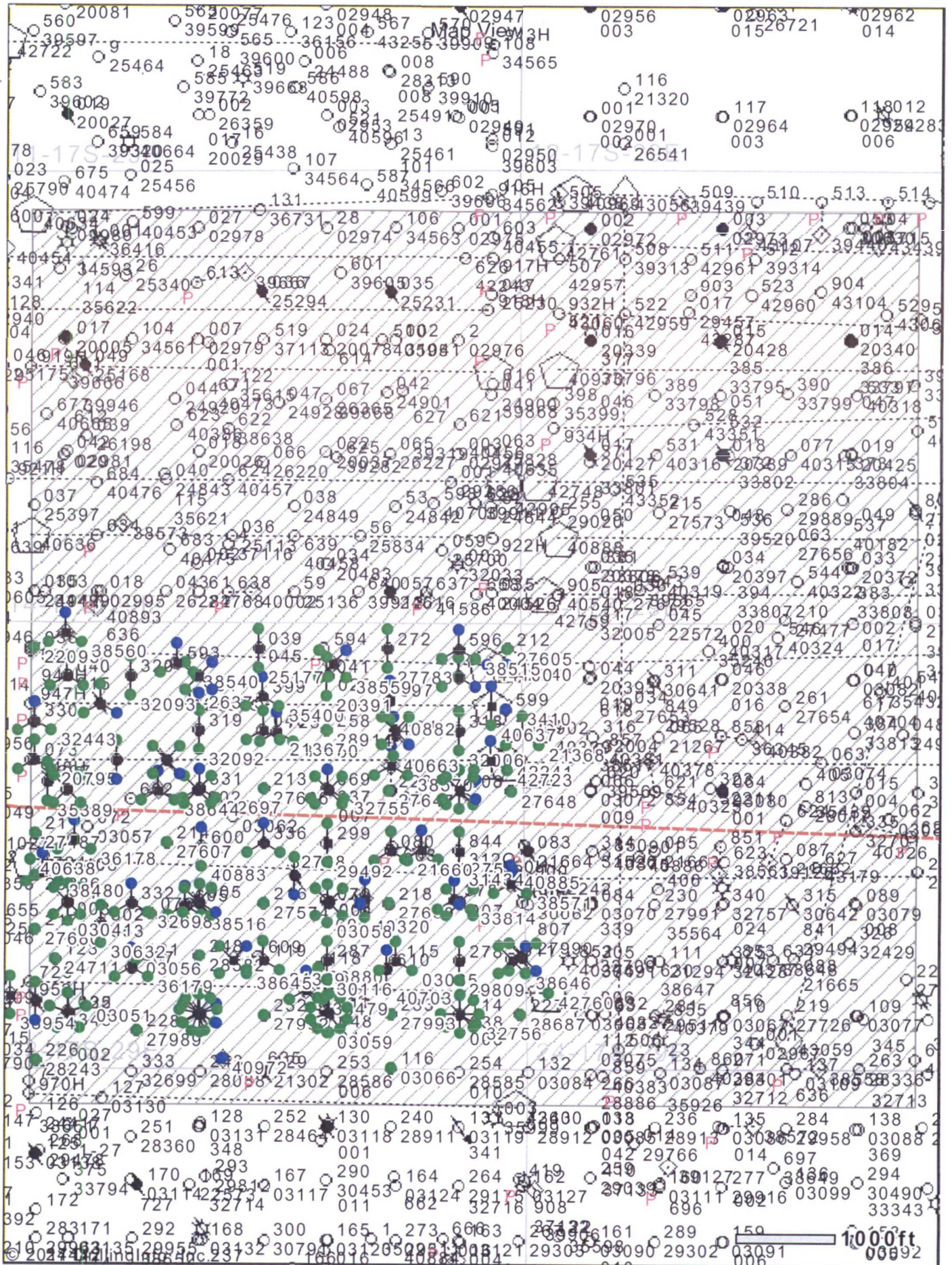
Terra Directional Services LLC
3705 South County Road 1210, Midland, TX 79706
Phone: 432-618-1210

Ground Elevation:: 3602.00
RKB Elevation: KB @ 3620.00usft (Patriot 6)

Northing 664278.00 Easting 590888.00 Latitude 32° 49' 33.015 N Longitude 104° 2' 14.853 W

PROJECT DETAILS: Eddy County, NM (NAD-27 2015)
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level
Local North: Grid

Burch Keely Unit #946H 1mile Radius Map



Burch Keely Unit #946H 1mile Radius List

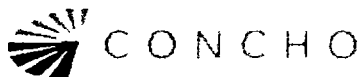
API#	Operator	County	Legal	Lease	Well#	Date Issued	Permitted Depth	Permit TVD	Images	Total Depth	Well Type	Well Status	Target Formation
30-015-32443	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	892	09/11/02	4,800		No	4,770	O	Inactive	
30-015-32697	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	900	03/24/03	4,800		No	4,600	O	Inactive	
30-015-32698	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	902	03/24/03	4,800		No	4,550	O	Inactive	
30-015-32708	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	901	03/26/03	4,800		No	4,610	O	Inactive	
30-015-32710	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	909	03/25/03	4,800		No	4,655	O	Inactive	
30-015-32756	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	913	03/24/03	4,800		No	4,650	O	Inactive	
30-015-32755	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	910	03/24/03	4,800		No	4,630	O	Inactive	
30-015-32711	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	911	03/26/03	4,800		No	4,610	O	Inactive	
30-015-32920	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	912	07/29/03	4,800		No	4,650	O	Inactive	
30-015-20386	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	38	01/01/70			No	0	I	Plugged and Abandoned	
30-015-21278	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	42	08/01/74	0		No	3,403	O	Plugged and Abandoned	
30-015-21367	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	40	11/01/74	0		No	0	O	Inactive	
30-015-21368	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	67	12/01/74	0		No	0	O	Inactive	
30-015-21369	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	119	02/01/75	0		No	0	O	Inactive	
30-015-21660	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	80	12/01/75	0		No	3,575	O	Inactive	
30-015-21661	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	82	02/01/76	0		No	3,552	O	Plugged and Abandoned	
30-015-22093	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	36	09/01/77	0		No	3,525	O	Inactive	
30-015-23166	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	76	05/01/80	0		No	3,610	O	Inactive	
30-015-23836	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	74	11/01/81			No	3,240	O	Inactive	
30-015-23852	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	78	12/01/81			No	3,300	O	Plugged and Abandoned	
30-015-24415	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	124	05/01/84			No	3,500	O	Plugged and Abandoned	
30-015-24711	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	123	04/01/84			No	3,500	O	Inactive	
30-015-25711	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	39	12/31/86			No	4,600	O	Inactive	
30-015-26880	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	118	03/01/92			No	3,575	O	Inactive	
30-015-27487	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	211	04/11/94			No	4,600	O	Inactive	
30-015-27574	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	216	04/12/94			No	4,600	O	Inactive	
30-015-27575	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	249	05/01/95			No	4,553	O	Inactive	
30-015-27605	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	212	04/12/94			No	4,600	O	Inactive	
30-015-27606	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	213	04/12/94			No	4,600	O	Inactive	
30-015-27607	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	214	04/12/94			No	4,600	O	Inactive	
30-015-27647	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	223	06/09/94			No	4,600	O	Inactive	
30-015-27648	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	224	05/27/94			No	4,625	O	Inactive	
30-015-27650	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	218	09/22/93			No	4,600	O	Inactive	
30-015-27680	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	217	10/22/93			No	4,600	O	Inactive	
30-015-27783	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	272	03/17/97			No	4,718	O	Inactive	
30-015-27989	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	228	08/29/94			No	4,765	O	Inactive	
30-015-27992	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	232	05/31/94			No	4,650	O	Inactive	
30-015-27993	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	233	05/31/94			No	4,600	O	Inactive	
30-015-28243	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	226	12/06/94			No	4,625	O	Inactive	
30-015-28582	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	248	06/10/95			No	4,622	O	Inactive	
30-015-28687	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	227	10/05/95			No	4,670	O	Inactive	
30-015-28914	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	258	03/26/96			No	4,555	O	Inactive	
30-015-29454	EOG RESOURCES INC	EDDY	S 23, T 17S, R 29E	GRAYBURG DEEP UNIT	13	03/13/97			No	11,365	G	Plugged and Abandoned	
30-015-29492	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	299	12/14/98			No	4,580	O	Inactive	
30-015-29493	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	844	01/05/99			No		PO	Unknown	

Burch Keely Unit #946H 1mile Radius List

API#	Operator	County	Legal	Lease	Well#	Date Issued	Permitted Depth	Permit TVD	Images	Total Depth	Well Type	Well Status	Target Formation
30-015-29809	MARBOB ENERGY CORP.	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	278	08/20/97			No	4,821	O	Inactive	
30-015-29810	MARBOB ENERGY CORP.	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	853	03/04/99			No	4,570	PO	Unknown	
30-015-30116	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	287	03/04/98			No	4,775	O	Inactive	
30-015-30632	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	302	04/04/00			No	4,570	O	Inactive	
30-015-31434	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	312Q	11/06/00			No	4,580	O	Inactive	
30-015-32006	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	318	10/03/01			No	4,640	O	Inactive	
30-015-32092	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	319	11/05/01			No	4,580	O	Inactive	
30-015-32093	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	320	11/06/01			No	4,540	O	Inactive	
30-015-26375	STEVEN'S OPERATING CORPORATION or HANAGAN PETROLEUM CORP	EDDY	S 23, T 17S, R 29E	PRE-ONGARD WELL	1	01/01/70			No		PO	Unknown	
30-015-33814	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY	972	09/13/04	4,800		No	4,620	G	Inactive	
30-015-32443	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	330	08/31/02			No	4,770	O	Inactive	
30-015-32697	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	331	02/28/03			No	4,600	O	Inactive	
30-015-32698	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	332	02/28/03			No	4,550	O	Inactive	
30-015-32708	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	336	02/28/03			No	4,610	O	Inactive	
30-015-32710	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	342	02/28/03			No	4,655	O	Inactive	
30-015-32755	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	337	02/28/03			No	4,630	O	Inactive	
30-015-32756	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	338	02/28/03			No	4,650	O	Inactive	
30-015-32711	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	343	02/28/03			No	4,610	O	Inactive	
30-015-32920	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	356	06/30/03			No	4,650	O	Inactive	
30-015-33814	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	972	08/31/04			No	4,620	G	Inactive	
30-015-35400	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	977	01/17/07	4,800		Yes	4,568	G	Inactive	
30-015-36179	MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	995	02/22/08	4,800		Yes	4,616	G	Inactive	
30-015-36178	MARBOB ENERGY CORPORATION or MARBOB ENERGY CORP	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	996	02/22/08	4,800		Yes	4,607	G	Inactive	
30-015-38479	COG OPERATING LLC	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	612	02/11/11	4,817	4,800	Yes	4,817	G	Inactive	
30-015-38480	COG OPERATING LLC	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	724	02/11/11	4,800		Yes	4,990	G	Inactive	
30-015-38515	COG OPERATING LLC	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	596	02/09/11	4,800		Yes	4,513	G	Inactive	
30-015-38516	COG OPERATING LLC	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	605	02/09/11	4,800		Yes	4,566	G	Inactive	
30-015-38540	COG OPERATING LLC	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	593	02/22/11	4,800		Yes	4,578	G	Inactive	
30-015-38559	COG OPERATING LLC	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	594	02/24/11	4,807	4,800	Yes	4,821	G	Inactive	
30-015-38560	COG OPERATING LLC	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	592	02/24/11	4,829	4,800	Yes	5,031	G	Inactive	
30-015-38570	COG OPERATING LLC	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	601	03/04/11	24,815	4,800	Yes	4,577	G	Inactive	
30-015-38571	COG OPERATING LLC	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	608	03/02/11		4,800	Yes	4,583	G	Inactive	
30-015-38644	COG OPERATING LLC	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	602	03/21/11	4,818	4,800	Yes	4,820	G	Inactive	
30-015-38645	COG OPERATING LLC	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	609	03/18/11	4,813	4,800	Yes	4,823	G	Inactive	
30-015-38646	COG OPERATING LLC	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	611	03/10/11	4,800		Yes	4,600	G	Inactive	
30-015-38650	COG OPERATING LLC	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	723	03/23/11	4,800		Yes	4,575	G	Inactive	
30-015-40275	COG OPERATING LLC	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	603	05/08/12	4,816	4,800	Yes	4,628	G	Inactive	SR-Q-G-SA
30-015-40320	COG OPERATING LLC	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	607	05/17/12	4,822	4,800	Yes	4,819	G	Inactive	GLORIETA-UPPER YESO
30-015-40637	COG OPERATING LLC	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	947H	08/27/12	9,268	4,778	Yes	9,261	G	Inactive	GLORIETA-UPPER YESO
30-015-40663	COG OPERATING LLC	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	604	09/05/12	4,800		Yes	4,770	O	Completed	GLORIETA-UPPER YESO
30-015-40703	COG OPERATING LLC	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	610	09/12/12	4,800		Yes	4,643	G	Inactive	GLORIETA-UPPER YESO
30-015-40882	COG OPERATING LLC	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	597	12/05/12	4,800		Yes	4,767	O	Completed	GLORIETA-UPPER YESO
30-015-40883	COG OPERATING LLC	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	600	12/05/12	4,800		Yes	4,617	G	Inactive	GLORIETA-UPPER YESO
30-015-40885	COG OPERATING LLC	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	900	12/05/12	4,815	4,800	Yes	4,815	O	Completed	GLORIETA-UPPER YESO
30-015-40972	COG OPERATING LLC	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	635	01/08/13	4,821	4,800	Yes	4,679	G	Inactive	GLORIETA-UPPER YESO
30-015-42240	COG OPERATING LLC	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	954H	03/19/14	10,028	4,867	Yes	9,968	G	Inactive	GLORIETA-UPPER YESO
30-015-42241	COG OPERATING LLC	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	956H	03/19/14	9,954	4,861	Yes	9,875	O	Completed	GLORIETA-UPPER YESO
30-015-42723	COG OPERATING LLC	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	948H	10/07/14	9,352	4,887	Yes	9,437	O	Completed	GLORIETA-UPPER YESO
30-015-43410	COG OPERATING LLC	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	599	09/28/15	4,600		Yes	4,600	PO	Active Permit	GLORIETA-UPPER YESO

Burch Keely Unit #946H 1mile Radius List

API#	Operator	County	Legal	Lease	Well#	Date Issued	Permitted Depth	Permit TVD	Images	Total Depth	Well Type	Well Status	Target Formation
30-015-44100	COG OPERATING LLC	EDDY	S 23, T 17S, R 29E	BURCH KEELY UNIT	946H	03/06/17	9,341	4,879	Yes	9,341	PO	Active Permit	GLORIETA-UPPER YESO



May 4, 2017

COO, LLC
4 Pine Forest Circle
Houston, TX 77056

**RE Designation of a Non-Standard Location by COG Operating LLC
Eddy County, New Mexico**

To Whom It May Concern,

This letter is to advise you that COG Operating LLC has filed the enclosed Well Dedication and Acreage Plat (C-102) with the New Mexico Oil Conservation Division seeking to designate a non-standard location in Section 23, T17S, R29E, Eddy County, New Mexico.

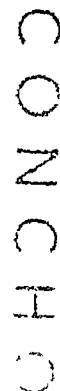
Should you have any objection, it must be filed in writing within twenty (20) days from the date of this notice. Non response within the 20 day notice period shall constitute an approval/waiver of protest to COG's non-standard location.

Please contact myself or our Regulatory Analyst, Robyn Russell (432) 685-4385 should you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Adam Reker".

Adam Reker, RPL
Landman
COG Operating, LLC
(432) 685-2515
areker@concho.com

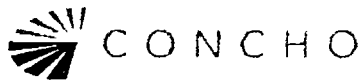


91 7299 9991 7036 0788 1095

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SENDER - COMPLETE THIS SECTION ☐ Complete items 1, 2, and 3 ☒ Print your name and address on the reverse so that we can return the card to you ☒ Attach this card to the back of the mailpiece, or on the front if space permits COO LLC 4 Pine Forest Circle Houston, TX 77056 Re: NSI - BKT 5046H 9590 9402 2244 6193 1702 58 Article Number (Transfer from service label) 71 7199 9991 7036 0788 1095	ADDRESSEE - COMPLETE THIS SECTION ON DELIVERY A. Signature ☒ Agent ☐ Addressee <i>J. Farmer</i> B. Received by (Printed Name) C. Date of Delivery <i>J. Farmer</i> <i>5-11-17</i> D. Is delivery address different from item 1? ☐ Yes ☐ No If YES, enter delivery address below RECEIVED MAY 15 2017 3. Service Type ☐ Certified Mail Express® ☐ Registered Mail™ ☐ Adult Signature ☐ Signature Restricted Delivery ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Return Receipt for Merchandise ☐ Adult Signature Restricted Delivery ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Return Receipt for Merchandise ☐ Certified Mail ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Return Receipt for Merchandise ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Return Receipt for Merchandise ☐ Collect on Delivery ☐ Return Receipt for Merchandise ☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation™ ☐ Signature Confirmation™ ☐ Restricted Delivery ☐ Restricted Delivery
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COO, LLC
4 Pine Forest Circle
Houston, TX 77056



May 4, 2017

Dana Lyon Bukowski /Lyon Estate
Trust Under Will
c/o Northern Trust Bank
P.O. Box 226270
Dallas, TX 75222

**RE Designation of a Non-Standard Location by COG Operating LLC
Eddy County, New Mexico**

To Whom It May Concern,

This letter is to advise you that COG Operating LLC has filed the enclosed Well Dedication and Acreage Plat (C-102) with the New Mexico Oil Conservation Division seeking to designate a non-standard location in Section 23, T17S. R29E, Eddy County, New Mexico

Should you have any objection, it must be filed in writing within twenty (20) days from the date of this notice. Non response within the 20 day notice period shall constitute an approval/waiver of protest to COG's non-standard location

Please contact myself or our Regulatory Analyst, Robyn Russell (432) 685-4385 should you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Adam Reker".

Adam Reker, RPL
Landman
COG Operating, LLC
(432) 685-2515
areker@concho.com



CONCHO

ONE CONCHO CENTER
600 W ILLINOIS AVENUE
MIDLAND, TX 79701

SENDER COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
☒ Complete items 1, 2, and 3. ☒ Print your name and address on the reverse so that we can return the card to you. ☒ Attach this card to the back of the mailpiece, or on the front if space permits.		Signature ☒ Agent ☐ Addressee B Received by (Printed Name) _____ C Date of Delivery _____ D Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No	
Dana Lyon Bukowski /Lyon Estate c/o Northern Trust Bank PO Box 226270 Dallas TX 75222 Re NSL - BKU #946H 9590 9402 2244 6193 1702 41 Article Number (Transfer from carrier label) 91 7199 9991 7036 0788 1101		3. Service Type ☒ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☒ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery	

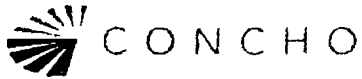
PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

SENDER COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
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PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

91 7199 9991 7036 0788 1101

Dana Lyon Bukowski /Lyon Estate
c/o Northern Trust Bank
PO Box 226270
Dallas, TX 75222



May 4, 2017

Hudson Gas & Oil Ltd
35 Wynden Drive
Houston, TX 77056

**RE: Designation of a Non-Standard Location by COG Operating LLC
Eddy County, New Mexico**

To Whom It May Concern,

This letter is to advise you that COG Operating LLC has filed the enclosed Well Dedication and Acreage Plat (C-102) with the New Mexico Oil Conservation Division seeking to designate a non-standard location in Section 23, T17S, R29E, Eddy County, New Mexico.

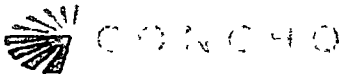
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Please contact myself or our Regulatory Analyst, Robyn Russell (432) 685-4385 should you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Adam Reker".

Adam Reker, RPL
Landman
COG Operating, LLC
(432) 685-2515
areker@concho.com



Adam Reker

May 25, 2017

Re NSL Waiver BKU #946H

To Whom It May Concern

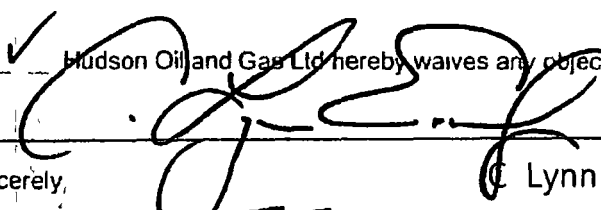
This waiver is being delivered to Hudson Oil and Gas in accordance with the rules and regulations of the New Mexico Oil Conservation Division. By rule, the offsetting parties to an operator who is requesting a Nonstandard Location have 20 days to object to said location. COG hereby requests a Nonstandard Location waiver from Hudson for its BKU #946H well. COG is willing to give a reciprocal waiver for the Dodd Federal Unit #917H (To which Hudson is a party) if you all will waive any objection to the BKU #946H. FYI, Dodd #917H's tentative spud date is 6/24/2017.

COG is requesting NSLs whenever applicable to add producible lateral length to our locations and to prevent waste of reserves that could otherwise be captured if not for the standard setbacks.

Please waive any objection to the NSL below. Upon waiving your objection to the BKU #946, COG will pursue a NSL on our lease we have with Hudson (Dodd #917H).

✓
Hudson Oil and Gas Ltd hereby waives any objection to the NSL for BKU #946H

Sincerely,


Lynn Einkauf
Manager


Adam Reker
COG Operating LLC
Landman
(432)685-2515

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

Hudson Gas & Oil Ltd
35 Wynden Drive
Houston, TX 77056
Re NSL - BKU #946H

9590 9402 2244 6193 1707 08

2 Article Number (Transfer from service label)

91 7199 9991 7036 0788 1132

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

1. Signature

X

☐ Agent

☐ Addressee

2. Received by (Printed Name)

3. Date of Delivery

4. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☒ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☒ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

stricted Delivery

Domestic Return Receipt

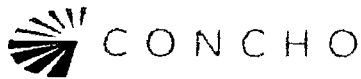


CONCHO

ONE CONCHO CENTER
600 W ILLINOIS AVENUE
MIDLAND, TX 79701

91 7199 9991 7036 0788 1132

Hudson Gas & Oil Ltd
35 Wynden Drive
Houston, TX 77056



May 4, 2017

Jennifer Stewart Lyon Trust #0254
Farmers National Co , as Agent #1348973
P O. Box 3480
Omaha, NE 68103-0480

**RE: Designation of a Non-Standard Location by COG Operating LLC
Eddy County, New Mexico**

To Whom It May Concern,

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Sincerely,

A handwritten signature in black ink, appearing to read "Adam Reker", written over a horizontal line.

Adam Reker, RPL
Landman
COG Operating, LLC
(432) 685-2515
areker@concho.com



CONCHO

ONE CONCHO CENTER
600 W ILLINOIS AVENUE
MIDLAND, TX 79701

91 7199 9991 7036 0788 1149

SENDER COMPLETE THIS SECTION

- ☐ Complete items 1, 2, and 3.
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- ☐ Attach this card to the back of the mailpiece, or on the front if space permits.

Jennifer Stewart Lyon Trust #0254
Farmers National Co. as Agent
PO Box 3480
Omaha, NE 68103-0480
Re NSL - BKU #946H

9590 9402 2244 6193 1706 92

Article Number (Transfer from service label)

91 7199 9991 7036 0788 1149

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature
☒ X ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Adult Signature ☐ Priority Mail Express®
☐ Adult Signature Restricted Delivery ☐ Registered Mail™
☐ Certified Mail® ☐ Registered Mail Restricted Delivery
☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise
☐ Collect on Delivery ☐ Signature Confirmation™
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery
☐ Insured Mail ☐ Restricted Delivery

Domestic Return Receipt

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Jennifer Stewart Lyon Trust #0254
Farmers National Co. as Agent
PO Box 3480
Omaha, NE 68103-0480
Re NSL - BKU #946H

9590 9402 2244 6193 1706 92

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PS Form 3811, July 2015 PSN 7530-02-000-9053

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D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

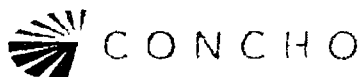
3. Service Type
☒ Adult Signature ☐ Priority Mail Express®
☐ Adult Signature Restricted Delivery ☐ Registered Mail™
☐ Certified Mail® ☐ Registered Mail Restricted Delivery
☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise
☐ Collect on Delivery ☐ Signature Confirmation™
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery
☐ Insured Mail ☐ Restricted Delivery

MAY 11 2017

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MAY 16 2017

Domestic Return Receipt

Jennifer Stewart Lyon Trust #0254
Farmers National Co. as Agent
PO Box 3480
Omaha, NE 68103-0480



May 4, 2017

Jennifer Stewart Lyon Trust #0917
Farmers National Co., as Agent #1349503
P.O. Box 3480
Omaha, NE 68103-0480

**RE: Designation of a Non-Standard Location by COG Operating LLC
Eddy County, New Mexico**

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Sincerely,

A handwritten signature in black ink, appearing to read "Adam Reker".

Adam Reker, RPL
Landman
COG Operating, LLC
(432) 685-2515
areker@concho.com



CONCHO

ONE CONCHO CENTER
600 W ILLINOIS AVENUE
MIDLAND, TX 79701

91 7199 9991 7036 0788 1156

SENDER: COMPLETE THIS SECTION

☒ Complete items 1, 2, and 3
☒ Print your name and address on the reverse so that we can return the card to you
☒ Attach this card to the back of the mailpiece, or on the front if space permits.

Jennifer Stewart Lyon Trust #0917
Farmers National Co. as Agent
PO Box 3480
Omaha, NE 68103-0480
Re NSL - BKU #946H

9590 9402 2244 6193 1706 85

Article Number (Transfer from service label)

91 7199 9991 7036 0788 1156

COMPLETE THIS SECTION ON DELIVERY

A. Signature
☒ Agent
☒ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery

☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

Restricted Delivery

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Jennifer Stewart Lyon Trust #0917
Farmers National Co. as Agent
PO Box 3480
Omaha NE 68103-0480
Re NSL - BKU #946H

9590 9402 2244 6193 1706 85

Article Number (Transfer from service label)

Article Number (Transfer from service label)

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A. Signature
☒ Agent
☒ Addressee

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D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery

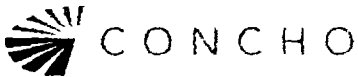
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

BY

Domestic Return Receipt

PS Form 3811, July 2015 PSN 7530-02-000-9053

Jennifer Stewart Lyon Trust #0917
Farmers National Co. as Agent
PO Box 3480
Omaha, NE 68103-0480



May 4, 2017

Melissa Lyon Simon Trust #0916
Farmers National Co , as Agent #1349491
Oil/Gas Management
P.O. Box 3480
Omaha, NE 68103-0480

**RE Designation of a Non-Standard Location by COG Operating LLC
Eddy County, New Mexico**

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Landman
COG Operating, LLC
(432) 685-2515
areker@concho.com

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B. Received by (Printed Name) _____		C. Date of Delivery _____	
D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: _____ ☐ No			
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2. Article Number (Transfer from service label) 91 7199 9991 7036 0788 1170		restricted Delivery	
PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt			



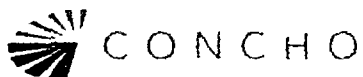
CONCHO

ONE CONCHO CENTER
600 W ILLINOIS AVENUE
MIDLAND TX 79701

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2. Article Number (Transfer from service label) 91 7199 9991 7036 0788 1170		BY restricted Delivery	
PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt			

91 7199 9991 7036 0788 1170

Melissa Lyon Simon Trust #0916
Farmers National Co., as Agent
PO Box 3480
Omaha, NE 68103-0480



May 4, 2017

Melissa Lyon Simon Trust #0213
Farmers National Co , as Agent #1348957
P.O Box 3480
Omaha, NE 68103-0480

**RE: Designation of a Non-Standard Location by COG Operating LLC
Eddy County, New Mexico**

To Whom It May Concern,

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Adam Reker, RPL
Landman
COG Operating, LLC
(432) 685-2515
areker@concho.com



CONCHO

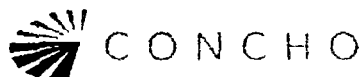
ONE CONCHO CENTER
600 W ILLINOIS AVENUE
MIDLAND, TX 79701

91 7199 9991 7036 0788 1163

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Melissa Lyon Simon Trust #0213 Farmers National Co as Agent P.O. Box 3480 Omaha, NE 68103-0480 Re NSL - BKU #946H		D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No	
9590 9402 2244 6193 1706 78		3. Service Type ☒ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☐ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery	
2 Article Number (Transfer from service label) 91 7199 9991 7036 0788 1163		Restricted Delivery	
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SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
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Melissa Lyon Simon Trust #0213 Farmers National Co as Agent P.O. Box 3480 Omaha, NE 68103-0480 Re NSL - BKU #946H		D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No	
9590 9402 2244 6193 1706 78		3. Service Type ☒ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☐ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery	
2 Article Number (Transfer from service label) 91 7199 9991 7036 0788 1163		Restricted Delivery	
PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt			

Melissa Lyon Simon Trust #0213
Farmers National Co. as Agent
PO Box 3480
Omaha, NE 68103-0480



May 4, 2017

Mexco Energy Corporation
P O. Box 10502
Midland, TX 79702

**RE. Designation of a Non-Standard Location by COG Operating LLC
Eddy County, New Mexico**

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Landman
COG Operating, LLC
(432) 685-2515
areker@concho.com

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Mexco Energy Corporation
P.O. Box 10502
Midland, TX 79702
Re NSL - BKU #946H

9590 9402 2244 6193 1706 61

2. Article Number (Transfer from service label)

91 7199 9991 7036 0788 1187

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent

☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below ☐ No

3. Service Type

- ☒ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☒ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

Restricted Delivery

Domestic Return Receipt



CONCHO

ONE CONCHO CENTER
600 W ILLINOIS AVENUE
MIDLAND, TX 79701

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- Print your name and address on the reverse so that we can return the card to you
- Attach this card to the back of the mailpiece, or on the front if space permits

Mexco Energy Corporation
P.O. Box 10502
Midland, TX 79702
Re NSL - BKU #946H

9590 9402 2244 6193 1706 61

2. Article Number (Transfer from service label)

91 7199 9991 7036 0788 1187

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent

☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below ☐ No

3. Service Type

- ☒ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery

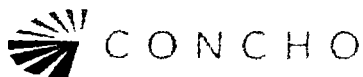
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☒ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

Restricted Delivery

Domestic Return Receipt

91 7199 9991 7036 0788 1187

Mexco Energy Corporation
P.O. Box 10502
Midland, TX 79702



May 4, 2017

Nancy K. McClymond
1306 Amador Rd
Taos, NM 87571

RE: **Designation of a Non-Standard Location by COG Operating LLC
Eddy County, New Mexico**

*non operating
working interest owner*

To Whom It May Concern,

This letter is to advise you that COG Operating LLC has filed the enclosed Well Dedication and Acreage Plat (C-102) with the New Mexico Oil Conservation Division seeking to designate a non-standard location in Section 23, T17S, R29E, Eddy County, New Mexico.

Should you have any objection, it must be filed in writing within twenty (20) days from the date of this notice. Non response within the 20 day notice period shall constitute an approval/waiver of protest to COG's non-standard location

Please contact myself or our Regulatory Analyst, Robyn Russell (432) 685-4385 should you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "AR", followed by a horizontal line.

Adam Reker, RPL
Landman
COG Operating, LLC
(432) 685-2515
areker@concho.com



CONCHO

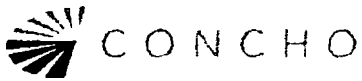
ONE CONCHO CENTER
600 W. ILLINOIS AVENUE
MIDLAND, TX 79701

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
☒ Complete items 1, 2, and 3. ☒ Print your name and address on the reverse so that we can return the card to you. ☒ Attach this card to the back of the mailpiece, or on the front if space permits.		A. Signature ☒ Agent ☒ Addressee X	
Nancy K. McClymond 1306 Amador Rd Taos NM 87571 Re: NSL - BKU #946H 9590.9402 2244 6193 1706 30 Article Number (Transfer from service label) 91 7199 9991 7036 0788 1194		B. Received by (Printed Name)	
		C. Date of Delivery	
		D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No	
3. Service Type ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery		☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☐ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery	
PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt			

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
☒ Complete items 1, 2, and 3. ☒ Print your name and address on the reverse so that we can return the card to you. ☒ Attach this card to the back of the mailpiece, or on the front if space permits.		A. Signature ☐ Agent ☒ Addressee X Nancy McClymond	
Nancy K. McClymond 1306 Amador Rd Taos NM 87571 Re: NSL - BKU #946H 9590.9402 2244 6193 1706 30 Article Number (Transfer from service label) 91 7199 9991 7036 0788 1194		B. Received by (Printed Name)	
		C. Date of Delivery	
		D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No	
3. Service Type ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery		☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☐ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery	
PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt			

91 7199 9991 7036 0788 1194

Nancy K. McClymond
1306 Amador Rd
Taos, NM 87571



May 4, 2017

Dana Lyon Bukowski Trust
c/o Northern Trust Bank
P.O. Box 226270
Dallas, TX 75222

**RE. Designation of a Non-Standard Location by COG Operating LLC
Eddy County, New Mexico**

To Whom It May Concern,

This letter is to advise you that COG Operating LLC has filed the enclosed Well Dedication and Acreage Plat (C-102) with the New Mexico Oil Conservation Division seeking to designate a non-standard location in Section 23, T17S, R29E, Eddy County, New Mexico.

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Please contact myself or our Regulatory Analyst, Robyn Russell (432) 685-4385 should you have any questions.

Sincerely,

Adam Reker, RPL
Landman
COG Operating, LLC
(432) 685-2515
areker@concho.com



CONCHO

ONE CONCHO CENTER
600 W ILLINOIS AVENUE
MIDLAND, TX 79701

91 7199 9991 7036 0788 1118

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- ☒ Print your name and address on the reverse so that we can return the card to you.
- ☒ Attach this card to the back of the mailpiece, or on the front if space permits.

Dana Lyon Bukowski Trust
c/o Northern Trust Bank
PO Box 226270
Dallas TX 75222
Re NSL - BKU #946H

9590 9402 2244 6193 1702 34

Article Number (Transfer from service label)

91 7199 9991 7036 0788 1118

COMPLETE THIS SECTION ON DELIVERY

1A Signature

X

☐ Agent

☐ Addressee

1B Received by (Printed Name)

1C Date of Delivery

D Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3 Service Type

☒ Adult Signature

☐ Adult Signature Restricted Delivery

☐ Certified Mail®

☐ Certified Mail Restricted Delivery

☐ Collect on Delivery

☐ Collect on Delivery Restricted Delivery

☐ Priority Mail Express®

☐ Registered Mail™

☐ Registered Mail Restricted Delivery

☐ Return Receipt for Merchandise

☐ Signature Confirmation™

☐ Signature Confirmation Restricted Delivery

Restricted Delivery

PS Form 3811, July 2015 PSN 7534-02-000-9053

Domestic Return Receipt

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Dana Lyon Bukowski Trust
c/o Northern Trust Bank
PO Box 226270
Dallas TX 75222
Re NSL - BKU #946H

9590 9402 2244 6193 1702 34

Article Number (Transfer from service label)

91 7199 9991 7036 0788 1118

COMPLETE THIS SECTION ON DELIVERY

1A Signature

X

☐ Agent

☐ Addressee

1B Received by (Printed Name)

1C Date of Delivery

D Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

RECEIVED

MAY 19 2017

3 Service Type

☒ Adult Signature

☐ Adult Signature Restricted Delivery

☐ Certified Mail®

☐ Certified Mail Restricted Delivery

☐ Collect on Delivery

☐ Collect on Delivery Restricted Delivery

☐ Priority Mail Express®

☐ Registered Mail™

☐ Registered Mail Restricted Delivery

☐ Return Receipt for Merchandise

☐ Signature Confirmation™

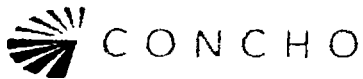
☐ Signature Confirmation Restricted Delivery

Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053

Domestic Return Receipt

Dana Lyon Bukowski Trust
c/o Northern Trust Bank
PO Box 226270
Dallas, TX 75222



May 4, 2017

David Munson, Jr.
P.O. Box 671096
Dallas, TX 75367

**RE. Designation of a Non-Standard Location by COG Operating LLC
Eddy County, New Mexico**

To Whom It May Concern,

This letter is to advise you that COG Operating LLC has filed the enclosed Well Dedication and Acreage Plat (C-102) with the New Mexico Oil Conservation Division seeking to designate a non-standard location in Section 23, T17S, R29E, Eddy County, New Mexico

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Please contact myself or our Regulatory Analyst, Robyn Russell (432) 685-4385 should you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "AR", followed by a horizontal line.

Adam Reker, RPL
Landman
COG Operating, LLC
(432) 685-2515
areker@concho.com



CONCHO

ONE CONCHO CENTER
600 W ILLINOIS AVENUE
MIDLAND, TX 79701

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
☒ Complete items 1, 2, and 3. ☒ Print your name and address on the reverse so that we can return the card to you ☒ Attach this card to the back of the mailpiece, or on the front if space permits		A: Signature ☒ Agent ☒ Addressee B: Received by (Printed Name) C: Date of Delivery D: Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No	
David Munson, Jr PO Box 671096 Dallas, TX 75367 Re NSL - BKU #946H		3: Service Type ☒ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☐ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery	
9590 9402 2244 6193 1702 27 Article Number (Transfer from service label) 91 7199 9991 7036 0788 1125		Restricted Delivery	

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
☒ Complete items 1, 2, and 3. ☒ Print your name and address on the reverse so that we can return the card to you ☒ Attach this card to the back of the mailpiece, or on the front if space permits		A: Signature ☒ Agent ☒ Addressee B: Received by (Printed Name) C: Date of Delivery D: Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No	
David Munson, Jr PO Box 671096 Dallas, TX 75367 Re NSL - BKU #946H		3: Service Type ☒ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☒ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery	
9590 9402 2244 6193 1702 27 Article Number (Transfer from service label) 91 7199 9991 7036 0788 1125		Restricted Delivery	

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

91 7199 9991 7036 0788 1125

David Munson, Jr
PO Box 671096
Dallas, TX 75367



May 4, 2017

Third Coast Minerals Ltd
P.O. Box 64923
Lubbock, TX 79464

**RE: Designation of a Non-Standard Location by COG Operating LLC
Eddy County, New Mexico**

To Whom It May Concern,

This letter is to advise you that COG Operating LLC has filed the enclosed Well Dedication and Acreage Plat (C-102) with the New Mexico Oil Conservation Division seeking to designate a non-standard location in Section 23, T17S, R29E, Eddy County, New Mexico.

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Please contact myself or our Regulatory Analyst, Robyn Russell (432) 685-4385 should you have any questions

Sincerely,

Adam Reker, RPL
Landman
COG Operating, LLC
(432) 685-2515
areker@concho.com



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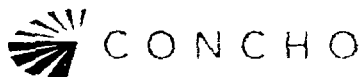
ONE CONCHO CENTER
600 W ILLINOIS AVENUE
MIDLAND TX 79701

91 7199 9991 7036 0788 1217

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
☐ Complete items 1, 2, and 3. ☐ Print your name and address on the reverse so that we can return the card to you. ☐ Attach this card to the back of the mailpiece, or on the front if space permits.		A. Signature ☒ Agent ☐ Addressee	
Third Coast Minerals Ltd PO Box 64923 Lubbock TX 79464 Re NSL - BKU #946H 9590 9402 2244 6193 1706 47 Article Number (Transfer from service label) 91 7199 9991 7036 0788 1217		B. Received by (Printed Name)	
		C. Date of Delivery	
		D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No	
3. Service Type ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery		☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☐ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery	
PS Form 3811, July 2015 PSN 7530-02-000-9053		Domestic Return Receipt	

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Third Coast Minerals Ltd PO Box 64923 Lubbock TX 79464 Re NSL - BKU #946H 9590 9402 2244 6193 1706 47 Article Number (Transfer from service label) 91 7199 9991 7036 0788 1217		B. Received by (Printed Name)	
		C. Date of Delivery	
		D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No	
3. Service Type ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery		☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☐ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery	
PS Form 3811, July 2015 PSN 7530-02-000-9053		Domestic Return Receipt	

Third Coast Minerals Ltd
PO Box 64923
Lubbock, TX 79464



May 4, 2017

O.O P S., Inc
4 Pine Forest Circle
Houston, TX 77056

**RE: Designation of a Non-Standard Location by COG Operating LLC
Eddy County, New Mexico**

To Whom It May Concern,

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Please contact myself or our Regulatory Analyst, Robyn Russell (432) 685-4385 should you have any questions

Sincerely,

A handwritten signature in black ink, appearing to read "Adam Reker", written over a horizontal line.

Adam Reker, RPL
Landman
COG Operating, LLC
(432) 685-2515
areker@concho.com



CONCHO

ONE CONCHO CENTER
600 W ILLINOIS AVENUE
MIDLAND, TX 79701

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
☒ Complete items 1, 2, and 3. ☒ Print your name and address on the reverse so that we can return the card to you. ☒ Attach this card to the back of the mailpiece, or on the front if space permits.		A. Signature ☒ Agent ☒ Addressee X	
OOPS Inc 4 Pine Forest Circle Houston TX 77056 Re NSL - BKU #946H 9590 9402 2244 6193 1702 65 Article Number (Transfer from service label) 91 7199 9991 7036 0788 1200		B. Received by (Printed Name)	
		C. Date of Delivery	
		D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No	
		3. Service Type ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☐ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery	
PS Form 3811, July 2015 PSN 7530-02-000-9053		Domestic Return Receipt	

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OOPS Inc 4 Pine Forest Circle Houston TX 77056 Re NSL - BKU #946H 9590 9402 2244 6193 1702 65 Article Number (Transfer from service label) 91 7199 9991 7036 0788 1200		B. Received by (Printed Name) J. FARMER	
		C. Date of Delivery 5-11-17	
		D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No	
		3. Service Type ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☐ Return Receipt for Merchandise ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery	
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OOPS, Inc
4 Pine Forest Circle
Houston, TX 77056