

DATE IN 05/02/13	SUSPENSE	ENGINEER TG	LOGGED IN 06/13	TYPE NSL	PPRG NO. 1312756487
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ABOVE THIS LINE FOR DIVISION USE ONLY

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



API Pending
 RS Unit #154
 COG operating LLC

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 _____

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 2013 MAY -2 P 12:51

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

INTEREST ARE THE SAME

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☐ Notification and/or Concurrent Approval by BLM or SLO
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or

[F] ☐ Waivers are Attached

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

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate and complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Kelly J. Holly
 Print or Type Name

Signature

Permitting Tech
 Title

5-1-13
 Date

(432) 685-4384
 Phone Number

kholly@concho.com
 E-mail Address

**R J Unit #154
Eddy County, NM**

COG proposes to drill a **VERTICAL** NW/4 NW /4, 40 acre spacing
Grayburg Jackson SR Q G SA oil well
TD of approximately 3600'

Location: 660' FNL & 1210' FWL Sec 35, T17S, R29E, Unit D

**This well had to be drilled at a non-standard location due to multiple
existing buried pipelines too close to original location.**

The plan for this well is to complete it in the San Andres formation.
We won't know the exact perms until we drill & log it, but it will be very similar to
the R J Unit #138 (2630' FSL & 1980' FEL, Section 27, T17S, R29E, UL J)
which was completed in October 2006.

The R J Unit #138 completion has San Andres perms from 2677.5' – 3394',
divided into 2 perf/stimulation intervals.

1st interval: 2677.5' – 2877.5',
acidized w/ 2000 gals,
frac'd w/ 40,000 gals 30# linear gel; 45,000 gal 40# gel; 15,440# LiteProp;
91,149# 16/30 white sand.

2nd interval: 3028' – 3394',
acidized w/ 2000 gals,
frac'd w/ 32,500# gals 30# linear gel; 68,300 gal 40# gel; 8,012# LiteProp;
91,980# 16/30 white sand.

At this time, we assume the R J Unit #143 should be very similar.

Attachment 1

Plat & map

Attachment 2

Map & legend of offset wells.

Attachment 3

Updated land plat showing that COG owns the offset acreage.
The acreage we are encroaching on is Unit C of Section 35.
Interests are the same.

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, 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-		² Pool Code 28509	Grayburg Jackson; SR-Q-G-SA
⁴ Property Code 302557	⁵ Property Name RJ UNIT		⁶ Well Number 154
⁷ OGRID No. 229137	⁸ Operator Name COG OPERATING, LLC		⁹ Elevation 3554'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	35	17-S	29-E		660	NORTH	1210	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

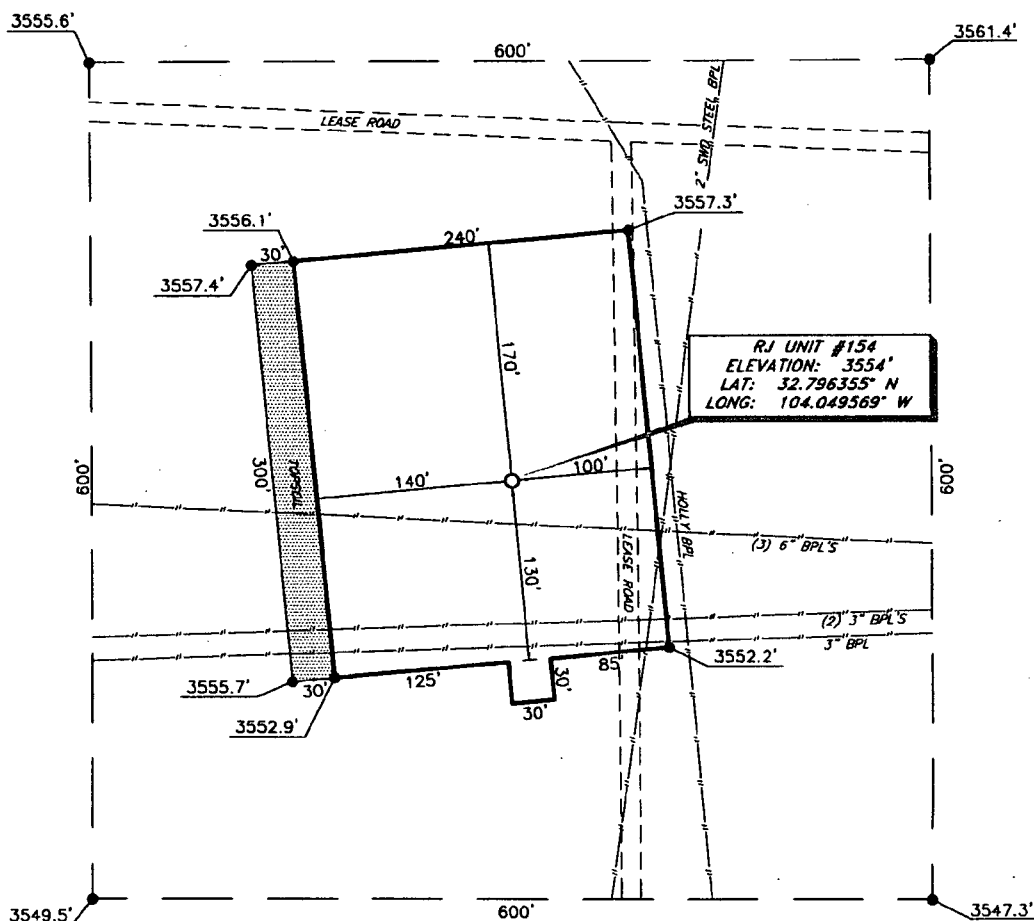
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

DETAIL "A" 3555.6' 600' 3561.4' 3549.5' 600' 3547.3' GEODETTIC DATA NAD 27 GRID - NM EAST SURFACE LOCATION N 653542.0 E 587196.8 LAT: 32.796355° N LONG: 104.049569° W	CORNER DATA NAD 27 GRID - NM EAST A: FND BRASS CAP 1914 N 651561.4 - E 585995.4 B: FND BRASS CAP 1914 N 654201.4 - E 585984.4 C: FND BRASS CAP 1914 N 654202.0 - E 588618.4 D: FND BRASS CAP 1914 N 654202.7 - E 591258.7 E: FND BRASS CAP 1914 N 651570.5 - E 591269.6 F: FND BRASS CAP 1914 N 648924.6 - E 591284.2	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 previously entered by the division. 5-1-13 Signature Date Kelly J. Holly Printed Name kholly@concho.com E-mail Address
		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. 3/7/13 Date of Survey of Professional Surveyor Signature and Seal 19680 Certificate Number

RJ UNIT #154
(660' FNL & 1210' FWL)
Section 35, T-17-S, R-29-E,
N. M. P. M., Eddy Co., New Mexico



DIRECTIONS TO LOCATION

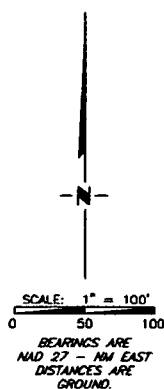
FROM THE INTERSECTION OF U.S. HWY. #B2 AND CR-213 (STANDARD).

GO SOUTHEAST THEN SOUTH ON CR-213 APPROX. 1.6 MILE.

TURN LEFT AND GO EAST ON LEASE ROAD APPROX. 0.35 MILE.

TURN RIGHT AND GO SOUTH APPROX. 250 FEET.

THE LOCATION IS APPROX. 82 FEET WEST OF THE LEASE ROAD.



PROSPERITY CONSULTANTS, LLC



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SCALE: 1" = 100'

DATE: 3/7/13

SURVEYED BY: GB

DRAWN BY: AF

APPROVED BY: LWB

SHEET : 1 OF 1

NO.	REVISION	DATE
JOB NO.: LS130073		
DWG. NO.: 130073PAD		

2251 Double Creek Drive, Suite 602, Round Rock, Texas 78664

• (512) 992-2087 / (512) 251-2518

Producing Wells in Sec 34, 17S, R29E

API#	Operator	Lease	Well#	County	Legal	Total Depth	Well Type	Well Status	First Prod.	Last Prod.	Prac. IP (MCF/D)
30-015-03759	COG OPERATING LLC	ROBINSON JACKSON UNIT	128	EDDY	S:34, T:17S, R:29E	0	O	Pumping	Jan 1947	Jun 2012	0.00
30-015-03760	SOUTHLAND ROYALTY CO	RJU TR 1	004	EDDY	S:34, T:17S, R:29E	3,178	O	Flowing	Feb 1954	Jan 1970	0.00
30-015-03765	VINTAGE DRILLING LLC	ROBINSON JACKSON UNIT	124	EDDY	S:34, T:17S, R:29E	0	I	Injection Well	Apr 1973	Dec 1977	0.00
30-015-03765	COG OPERATING LLC	ROBINSON JACKSON UNIT	124	EDDY	S:34, T:17S, R:29E	0	I	Injection Well	Jan 1949	Jan 2013	0.00
30-015-03766	YATES PETROLEUM CORPORATION	ROBINSON	001	EDDY	S:34, T:17S, R:29E	0	O	Active	Jan 1947	Feb 2013	0.00
30-015-03766	YATES DRILLING CO	ROBINSON	001	EDDY	S:34, T:17S, R:29E	0	O	Active	Jan 1959	Dec 1977	0.00
30-015-03767	YATES PETROLEUM CORPORATION	LEONARD	002	EDDY	S:34, T:17S, R:29E	0	O	Shut-in	Jan 1947	Nov 2012	0.00
30-015-03767	YATES DRILLING CO	LEONARD	002	EDDY	S:34, T:17S, R:29E	0	O	Shut-in	Jan 1959	Dec 1977	0.00
30-015-03769	YATES PETROLEUM CORPORATION	LEONARD	001	EDDY	S:34, T:17S, R:29E	0	O	Pumping	Jan 1947	Feb 2013	0.00
30-015-03769	YATES DRILLING CO	LEONARD	001	EDDY	S:34, T:17S, R:29E	0	O	Pumping	Jan 1959	Dec 1977	0.00
30-015-03770	YATES PETROLEUM CORPORATION	LEONARD	003	EDDY	S:34, T:17S, R:29E	0	O	Pumping	Jan 1954	Feb 2013	0.00
30-015-03770	YATES DRILLING CO	LEONARD	003	EDDY	S:34, T:17S, R:29E	0	O	Pumping	Jan 1959	Dec 1977	0.00
30-015-03771	SOUTHLAND ROYALTY CO	R-J UNIT	002	EDDY	S:34, T:17S, R:29E	0	O	Flowing	Apr 1973	Oct 1993	0.00
30-015-23034	COG OPERATING LLC	F M ROBINSON B UNIT	001	EDDY	S:34, T:17S, R:29E	3,220	O	Active	Dec 1980	Jan 2013	0.00
30-015-23708	COG OPERATING LLC	F M ROBINSON B UNIT	002	EDDY	S:34, T:17S, R:29E	3,330	PO	Active	Aug 1981	Dec 2012	0.00
30-015-03765		RJU TR 1A	124	EDDY	S:34, T:17S, R:29E	0	I	Injection Well	Jan 1950	Jan 1992	0.00
30-015-03762		RJU TR 1	123	EDDY	S:34, T:17S, R:29E	0	PO	Pumping	Jan 1950	Dec 1993	0.00
30-015-03762		RJU TR 1	123	EDDY	S:34, T:17S, R:29E	0	PO	Pumping	Aug 1973	Jul 1974	0.00
30-015-03760	ATLANTIC RICHFIELD COMPANY	F M ROBINSON A UNIT II	004	EDDY	S:34, T:17S, R:29E	3,178	O	Flowing	Jan 1955	Dec 1969	0.00
30-015-03763	ATLANTIC RICHFIELD COMPANY	F M ROBINSON A UNIT II	010	EDDY	S:34, T:17S, R:29E	0	O	Flowing	Jan 1958	Dec 1971	0.00
30-015-03772	ATLANTIC RICHFIELD COMPANY	F M ROBINSON B TRACT 2	019	EDDY	S:34, T:17S, R:29E	3,234	O	Flowing	Jan 1950	Dec 1971	0.00
30-015-00000	YATES, S. P.	LEONARD	003	EDDY	S:34, T:17S, R:29E		O	Active	Jun 1947	Dec 1953	0.00
	AMERICAN REPUBLICS				S:34, T:17S,						

30-015-03772	CORP.	ROBINSON B	019	EDDY	R:29E	3,234	O	Flowing	Oct 1947	Dec 1957	0.00
30-015-03759	AMERICAN REPUBLICS CORP.	ROBINSON A	128	EDDY	S:34, T:17S, R:29E	0	O	Pumping	Jan 1948	Dec 1957	0.00
30-015-03765	AMERICAN REPUBLICS CORP.	ROBINSON A	124	EDDY	S:34, T:17S, R:29E	0	I	Injection Well	Jan 1948	Feb 1965	0.00
30-015-03766	YATES, S. P.	ROBINSON B	001	EDDY	S:34, T:17S, R:29E	0	O	Active	Jan 1948	Dec 1965	0.00
30-015-03760	PRORATION UNIT II	ROBINSON A	004	EDDY	S:34, T:17S, R:29E	3,178	O	Flowing	Jan 1955	Dec 1957	0.00
30-015-03762	PRORATION UNIT II	ROBINSON A	123	EDDY	S:34, T:17S, R:29E	0	PO	Pumping	Jan 1953	Dec 1957	0.00
30-015-03772	SOUTHLAND ROYALTY CO	R-J UNIT	019	EDDY	S:34, T:17S, R:29E	3,234	O	Flowing	Jan 1972	Apr 1973	1.52
30-015-24419	COG OPERATING LLC	F M ROBINSON B UNIT	002	EDDY	S:34, T:17S, R:29E	3,309	PO	Active	Jan 1993	Feb 2007	2.18
30-015-03759	ATLANTIC RICHFIELD COMPANY	F M ROBINSON A UNIT II	128	EDDY	S:34, T:17S, R:29E	0	O	Pumping	Jan 1965	Dec 1971	6.39
30-015-23035	SOUTHLAND ROYALTY CO	R-J UNIT	032	EDDY	S:34, T:17S, R:29E	3,090	PO	Flowing	Jan 1981	Jun 1993	10.00
30-015-03759	VINTAGE DRILLING LLC	ROBINSON JACKSON UNIT	128	EDDY	S:34, T:17S, R:29E	0	O	Pumping	Jan 1967	Dec 1977	11.36
30-015-00000	SINCLAIR PRORATE UNIT 2	F M ROBINSON A FEDERAL	015	EDDY	S:34, T:17S, R:29E		AP	Unknown	Jan 1965	Dec 1965	11.57
30-015-31833	COG OPERATING LLC	MILLENNIUM 34 FEDERAL	1	EDDY	S:34, T:17S, R:29E	11,430	O	Shut-in	Mar 2008	Jan 2013	15.70
30-015-34977	COG OPERATING LLC	RJ UNIT	140	EDDY	S:34, T:17S, R:29E	3,615	PO	Active Permit	Oct 2006	Jun 2012	18.87
30-015-03763		RJU TR 1	010	EDDY	S:34, T:17S, R:29E	0	O	Flowing	Jan 1966	May 1982	19.11
30-015-31833	YATES DRILLING CO	MILLENNIUM 34 FEDERAL COM	1	EDDY	S:34, T:17S, R:29E	11,430	O	Shut-in	Oct 2002	Nov 2004	49.50
30-015-31833	YATES DRILLING CO	MILLENNIUM 34 FED COM	1	EDDY	S:34, T:17S, R:29E	11,430	O	Shut-in	Jan 2002	Aug 2002	69.50
30-015-03762	COG OPERATING LLC	ROBINSON JACKSON UNIT	123	EDDY	S:34, T:17S, R:29E	0	PO	Pumping	Dec 1949	Feb 2006	
30-015-03772	SOUTHLAND ROYALTY CO	R-J UNIT	019	EDDY	S:34, T:17S, R:29E	3,234	O	Flowing	Jan 1954	Apr 1973	
30-015-31833	YATES DRILLING CO	MILLENNIUM 34 FED COM	1	EDDY	S:34, T:17S, R:29E	11,430	O	Shut-in	Feb 2006	Nov 2007	
30-015-31833	MARBOB ENERGY CORP	MILLENNIUM 34 FEDERAL	1	EDDY	S:34, T:17S, R:29E	11,430	O	Shut-in	Feb 2006	Jan 2008	

