

10/29/08 DATE IN	SUSPENSE	BROOKS ENGINEER	10/30/08 LOGGED IN	NSL TYPE	PKU20830439576 APP NO.
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ABOVE THIS LINE FOR DIVISION USE ONLY

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



COG Operating
Folk Federal #11
5967

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 _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or [X] 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

INTERESTS ARE THE SAME

[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.

ROBYN M. ODOM
Print or Type Name

Signature

AGENT
Title

10/28/08
Date

rododm@conchoresources.com
e-mail Address

**Folk Federal #11
Eddy County, NM**

COG proposes to drill a NE/4 of NE/4 of N/2, 40 acre spacing
Empire; Glorieta-Yeso, East Oil Well
TD of approximately 5400'

Non-Standard Location:

SHL: 1220' FNL & 660' FEL Sec 17, T17S, R29E, Unit A
BHL: 990' FNL & 990' FEL Sec 17, T17S, R29E, Unit A

**This well had to be drilled at a non-standard location due to
A Gas Pipeline.**

This well is to be completed in the Empire; Glorieta-Yeso, East (96610) formation. We won't know the exact perms until we drill & log it, but it will be very similar to the Folk Federal #4 which was completed in October 2007 and is located 2310' FNL & 2110' FWL, Unit F in Sec 17, T17S, R29E.

Folk Federal #4 has Yeso open perms from: 4300' – 5160' overall, but broken up into 3 separate intervals, with 3 separate fracs:

1st interval: 4960' – 5160'
acidized w/ 5000 gals,
frac w/ 69,248 gals gel, & 61,172# 16/30 sand, & 5676# LiteProp

2nd interval: 4510' – 4710'
acidized w/ 5000 gals,
frac w/ 68,981 gals gel, & 61,488# 16/30 sand, & 5766# LiteProp

3rd interval: 4300' – 4440'
acidized w/ 5000 gals,
frac w/ 68,906 16/30 sand, & 4330# LiteProp

Attachment 1

Plat & Map

Attachment 2

Map & legend of offset wells.

Attachment 3

Updated land plat showing that COG Operating LLC owns offset acreage.
The acreage we are encroaching is the SE/4 & the NE/4
of Section 17.

All interests are the same.

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

DISTRICT I
1626 N. FRENCH DR., HOBBS, NM 88240

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-	Pool Code 96610	Pool Name EMPIRE; YESO, EAST
Property Code 302495	Property Name FOLK FEDERAL	Well Number 11
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3603'

Surface Location

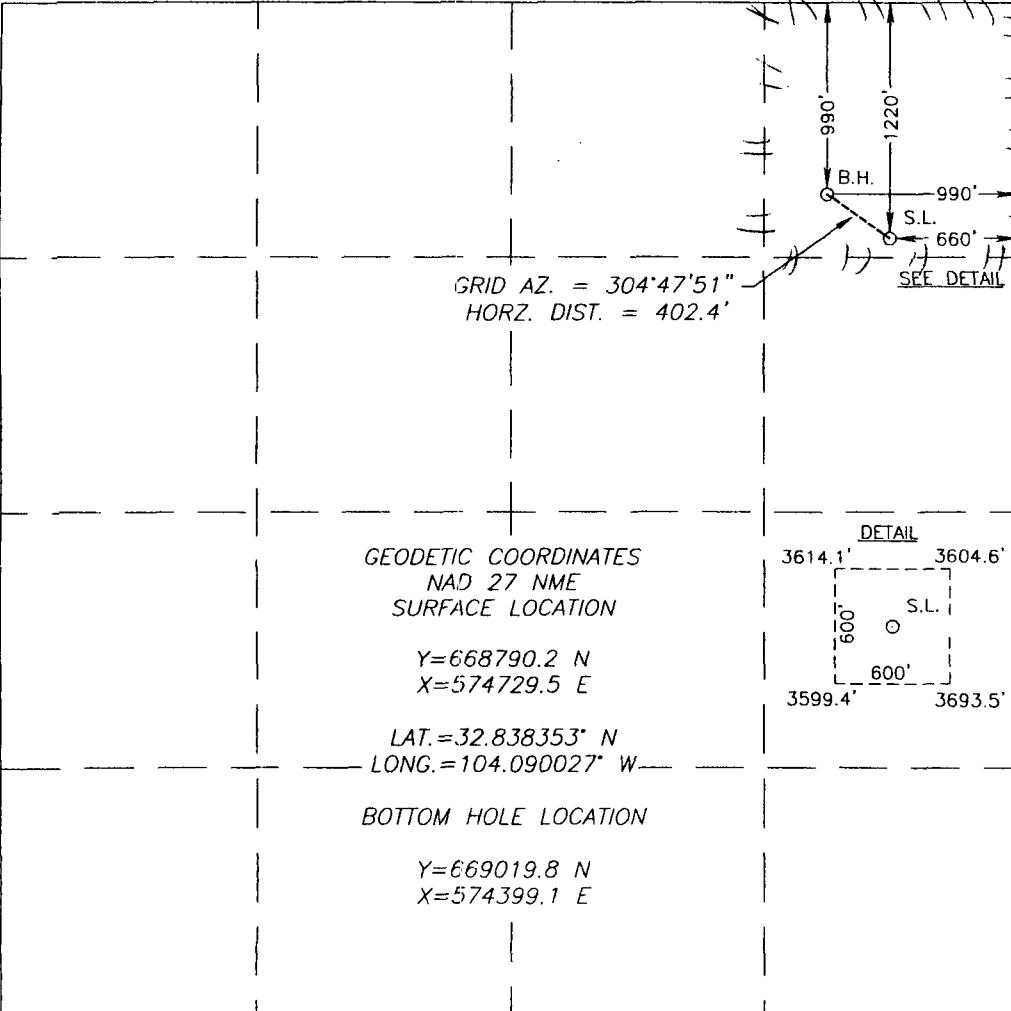
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	17	17-S	29-E		1220	NORTH	660	EAST	EDDY

Bottom Hole Location If Different From Surface

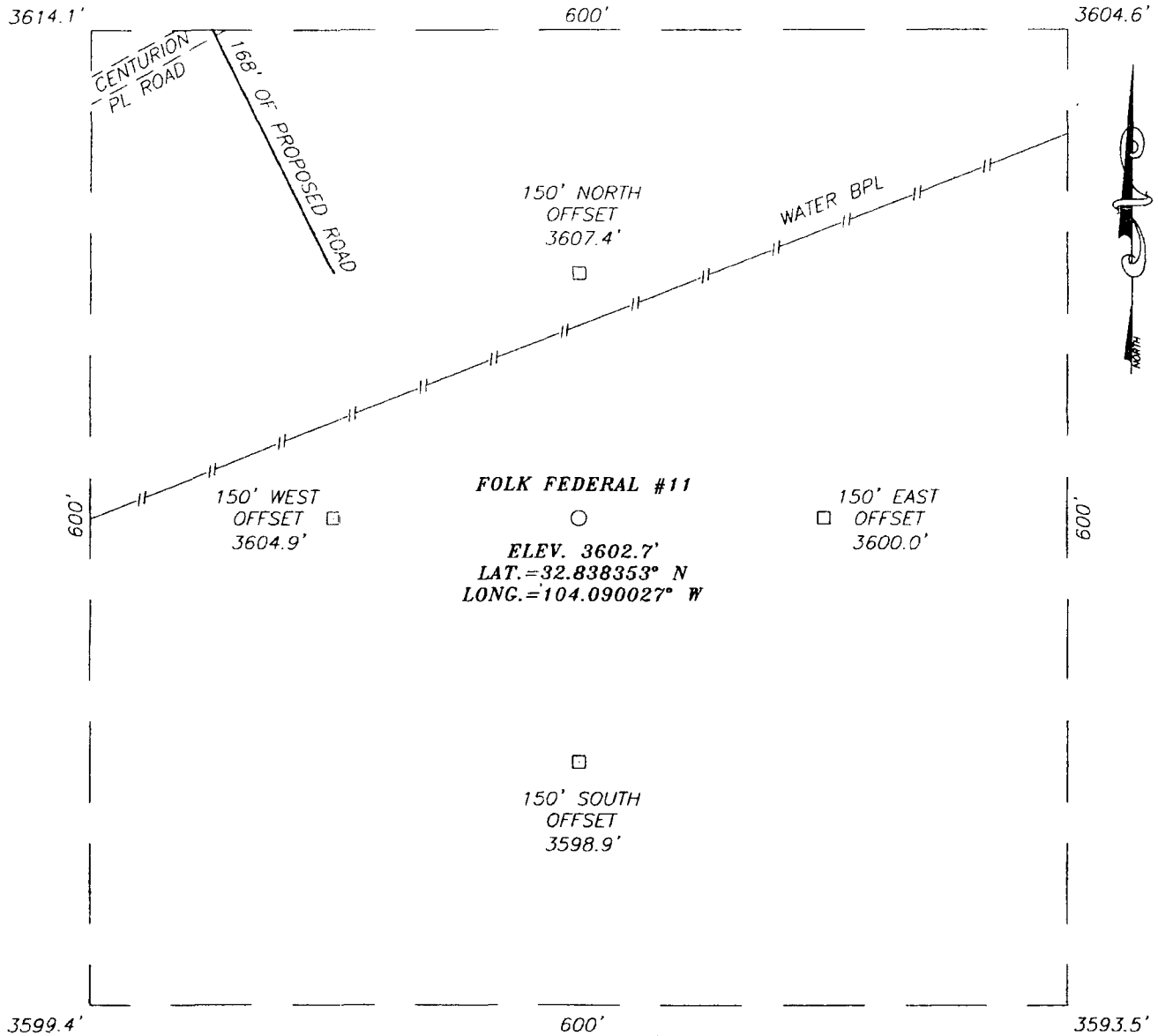
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	17	17-S	29-E		990	NORTH	990	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

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

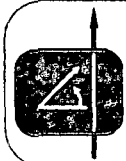
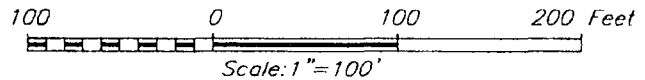
 GRID AZ. = 304°47'51" HORZ. DIST. = 402.4' GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=668790.2 N X=574729.5 E LAT.=32.838353° N LONG.=104.090027° W BOTTOM HOLE LOCATION Y=669019.8 N X=574399.1 E DETAIL 3614.1' 3604.6' 600' 600' 3599.4' 3693.5'	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Robyn Odom</i> 10/24/2008 Signature Date Robyn Odom Printed Name 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. OCTOBER 17 2008 Date Surveyed REV: 10/23/08 JC Signature & Seal of Professional Surveyor <i>Ronald J. Eidson</i> 10/23/08 08-111424 Certificate No. GARY EIDSON 12641 RONALD J. EIDSON 3239
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SECTION 17, TOWNSHIP 17 SOUTH, RANGE 29 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF HWY. #83 AND CO. RD. #211 (OLD LOCO), GO NORTH ON CO. RD. #211 APPROX. 1.6 MILES TO A CENTURION PIPELINE ROAD; TURN RIGHT AND GO NORTHEAST APPROX. 0.45 MILES TO A PROPOSED ROAD SURVEY. FOLLOW ROAD SURVEY SOUTHEAST APPROX. 168 FEET TO THIS LOCATION.



PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, N.M. 88240
(505) 393-3117

COG OPERATING, LLC

FOLK FEDERAL #11 WELL
LOCATED 1220 FEET FROM THE NORTH LINE
AND 660 FEET FROM THE EAST LINE OF SECTION 17,
TOWNSHIP 17 SOUTH, RANGE 29 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.

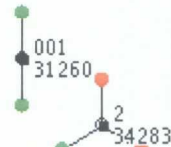
Survey Date: 10/17/08	Sheet 1 of 1 Sheets
W.O. Number: 08.11.1424	Dr By: JC
Date: 10/21/08	08111424
	Scale: 1"=100'

Offset Wells to Folk Federal 11

API#	Operator	Lease	Well#	County	Legal	First Prod.	Last Prod.	Field Name	Reservoir Name	Total Depth	Well Status
30-015-20198	MACK ENERGY CORP	FOLK FEDERAL	002	EDDY	S:17, T:17S, R:29E	Jan 1972	Dec 1977	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		0	Active
30-015-20198	COG OPERATING LLC	FOLK FEDERAL	002	EDDY	S:17, T:17S, R:29E	Mar 1969	Jul 2008	GRAYBURG JACKSON	SR-Q-G-SA	0	Active
30-015-23719	COG OPERATING LLC	FEDERAL KL-17	001	EDDY	S:17, T:17S, R:29E	Aug 1982	Jul 2008	EMPIRE	MORROW, SOUTH (GAS)	10,740	Pumping
30-015-26750	CONOCOPHILLIPS COMPANY	MUSKEGON "17" STATE COM.	001	EDDY	S:17, T:17S, R:29E	May 1992	Jul 2008	EMPIRE	MORROW, SOUTH (GAS)	10,880	Pumping
30-015-27295	COG OPERATING LLC	FOLK FEDERAL	003	EDDY	S:17, T:17S, R:29E	Mar 1993	Jul 2008	GRAYBURG JACKSON	SR-Q-G-SA	5,050	Active
30-015-31260	CLAYTON WILLIAMS ENERGY INC	PHILLIPS 17 FEDERAL	001	EDDY	S:17, T:17S, R:29E	Sep 2000	Aug 2008	EMPIRE	YESO, EAST	4,805	Temporarily Abandoned
30-015-31260	CLAYTON WILLIAMS ENERGY INC	PHILLIPS 17 FEDERAL	001	EDDY	S:17, T:17S, R:29E	Nov 2000	Aug 2008	GRAYBURG JACKSON	SR-Q-G-SA	4,805	Temporarily Abandoned
30-015-31261	CLAYTON WILLIAMS ENERGY INC	PHILLIPS 17 FEDERAL	002	EDDY	S:17, T:17S, R:29E	Sep 2000	Aug 2008	EMPIRE	YESO, EAST	4,506	Temporarily Abandoned
30-015-31261	CLAYTON WILLIAMS ENERGY INC	PHILLIPS 17 FEDERAL	002	EDDY	S:17, T:17S, R:29E	Dec 2000	Aug 2008	GRAYBURG JACKSON	SR-Q-G-SA	4,506	Temporarily Abandoned
30-015-31446	CLAYTON WILLIAMS ENERGY INC	PHILLIPS 17 FEDERAL	003	EDDY	S:17, T:17S, R:29E	Jan 2001	Aug 2008	EMPIRE	YESO, EAST	4,427	Pumping
30-015-03000		FOLK FEDERAL	001	EDDY	S:17, T:17S, R:29E	Jun 1959	Jul 1961	EDDY UNDESIGNATED	GROUP 1		Active
30-015-34283	GRUY PETROLEUM MANAGEMENT CO.	MUSKEGON 17 FEDERAL COM	2	EDDY	S:17, T:17S, R:29E			EMPIRE	MORROW, SOUTH (GAS)	10,915	Active Permit
30-015-34283	COG OPERATING LLC	MUSKEGON 17 FEDERAL COM	2	EDDY	S:17, T:17S, R:29E			EMPIRE; ABO		10,915	Active Permit
30-015-34283	CIMAREX ENERGY CO. OF COLORADO	MUSKEGON 17 FEDERAL COM	2	EDDY	S:17, T:17S, R:29E	May 2006	Sep 2007	EMPIRE	ABO	10,915	Active Permit
30-015-35728	COG OPERATING LLC	FOLK FEDERAL	4	EDDY	S:17, T:17S, R:29E	Oct 2007	Jul 2008	EMPIRE	YESO, EAST	5,600	Active Permit

30-015-35727	COG OPERATING LLC	FOLK FEDERAL	1	EDDY	S:17, T:17S, R:29E	Nov 2007	Jul 2008	EMPIRE	YESO, EAST	5,123	Active Permit
30-015-35728	COG OPERATING LLC	FOLK FEDERAL	4	EDDY	S:17, T:17S, R:29E			EMPIRE GLORIETA YESO, EAST		5,600	Active Permit
30-015-35727	COG OPERATING LLC	FOLK FEDERAL	1	EDDY	S:17, T:17S, R:29E			EMPIRE, GLORIETA-YESO, EAST		5,123	Active Permit
30-015-36169	COG OPERATING LLC	FOLK FEDERAL	9	EDDY	S:17, T:17S, R:29E			EMPIRE	YESO, EAST	5,500	Active Permit
30-015-36170	COG OPERATING LLC	FOLK FEDERAL	8	EDDY	S:17, T:17S, R:29E			EMPIRE	YESO, EAST	5,500	Active Permit
30-015-36171	COG OPERATING LLC	FOLK FEDERAL	7	EDDY	S:17, T:17S, R:29E			EMPIRE	YESO, EAST	5,500	Active Permit
30-015-36172	COG OPERATING LLC	FOLK FEDERAL	6	EDDY	S:17, T:17S, R:29E			EMPIRE	YESO, EAST	5,500	Active Permit

8-17S-29E



17-17S-29E



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500ft

