

DATE IN <u>5.20.11</u>	SUSPENSE	ENGINEER <u>DB</u>	LOGGED IN <u>5.20.11</u>	TYPE <u>NSL</u>	APP NO <u>1114040717</u>
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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 229137

Folk Fed #16

6402

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]

Eddy Fed

[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 _____**

RECEIVED OGD
 2011 MAY 19 A 11:44

[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

Kelly J. Holly
 Signature

Permitting Tech
 Title

5-18-11
 Date

(432) 685-4384
 Phone Number

kholly@conchoresources.com
 E-mail Address

**Folk Federal #16
Eddy County, NM**

COG proposes to drill a NE/4 NE/4, 40 acre spacing
Empire; Glorieta-Yeso, East Oil Well
TD of approximately 5500'

Non-Standard Location:

1090' FNL & 330' FWL Sec 17, T17S, R29E, Unit A

**This well had to be drilled at a non-standard location due to
a buried 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 NE/4 of Section 17 and SW/4 NW/4
of Section 16.

All interests are the same.

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

DISTRICT I
1625 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
11885 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised July 16, 2010
Submit to Appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015	Pool Code 96610	Pool Name Empire; Glorieta-Yeso, East
Property Code 302495	Property Name FOLK FEDERAL	Well Number 16
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3599'

Surface Location

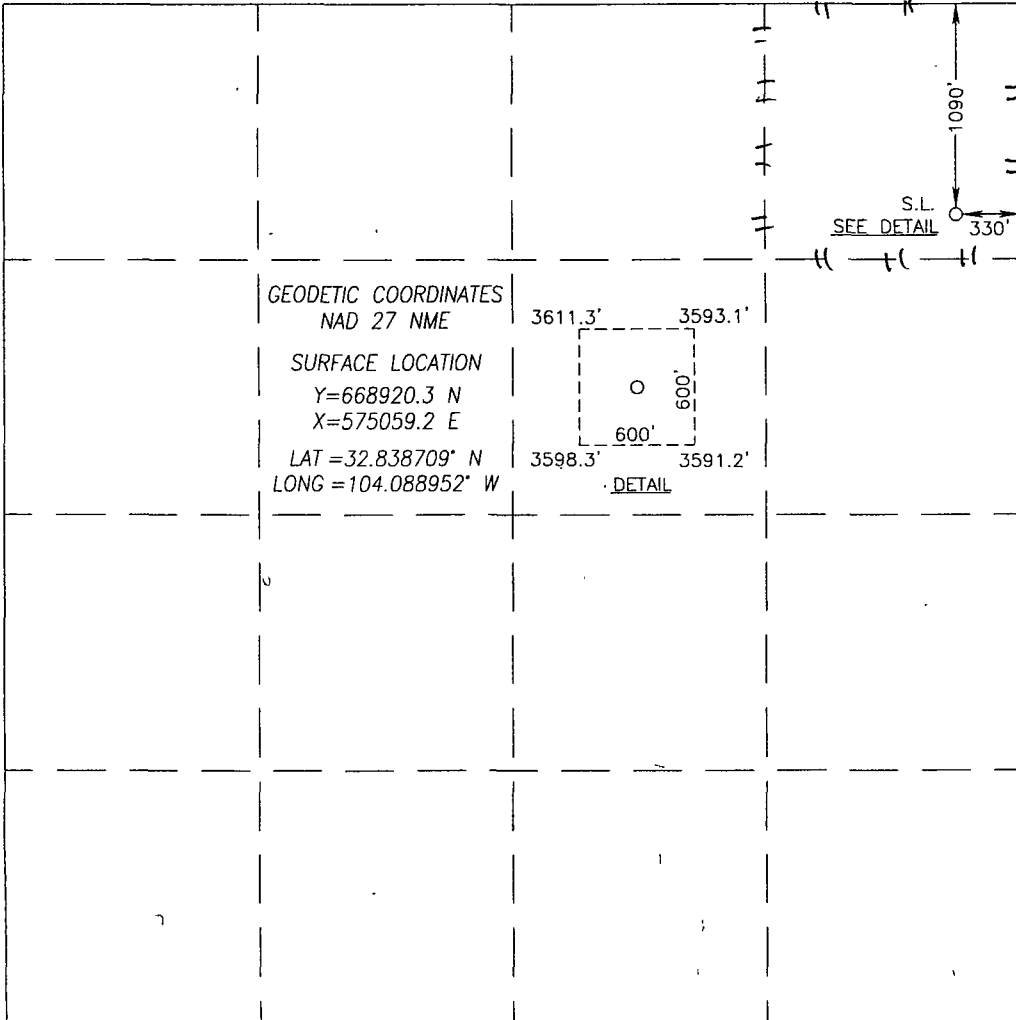
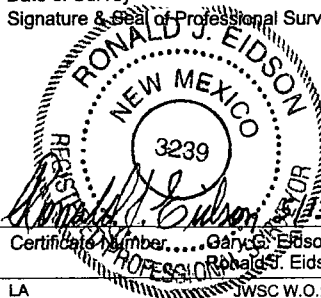
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	17	17-S	29-E		1090	NORTH	330	EAST	EDDY

Bottom Hole Location If Different From Surface

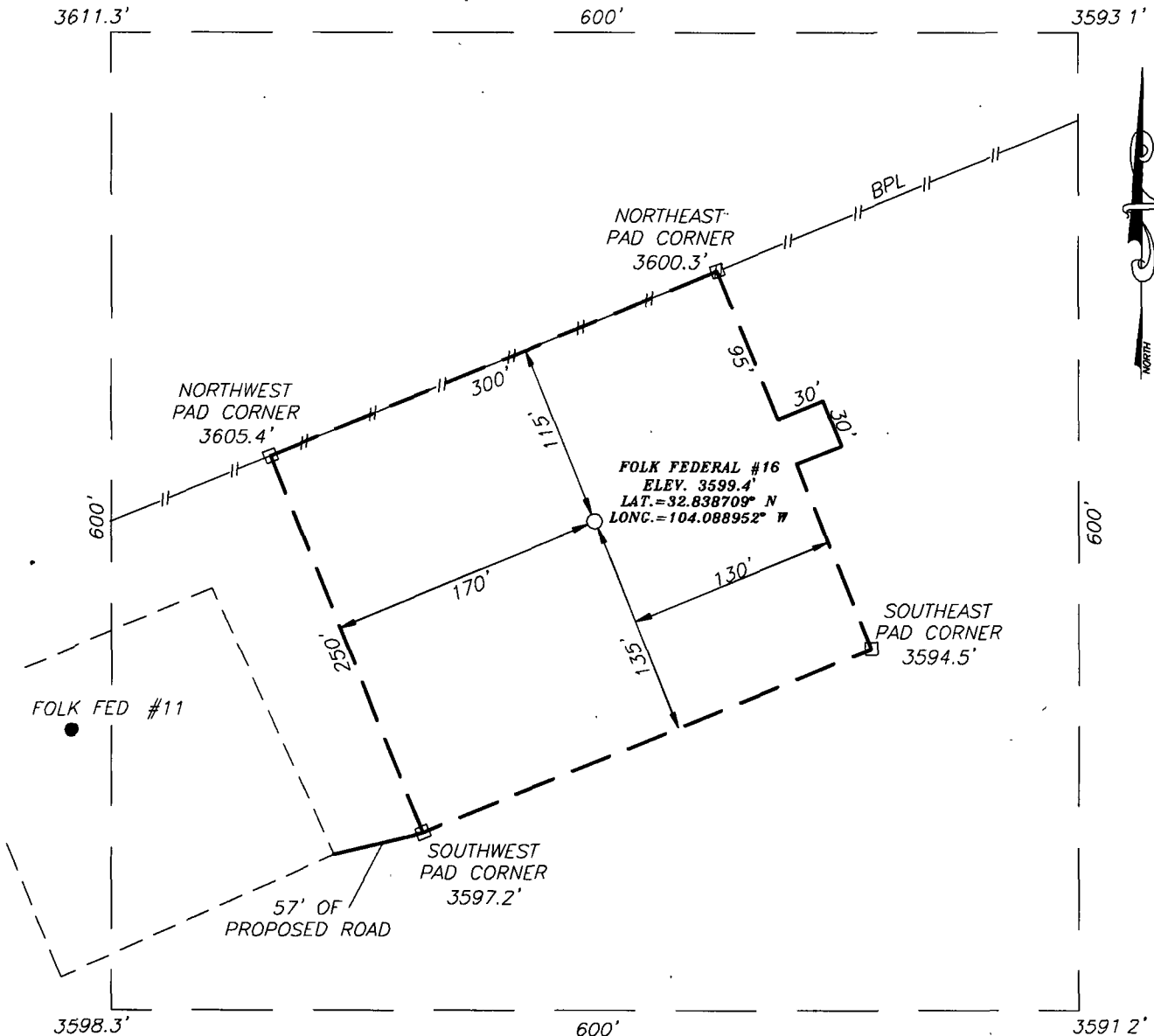
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 40	Joint or Infill	Consolidation Code	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

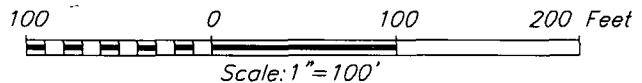
 GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=668920.3 N X=575059.2 E LAT =32.838709° N LONG =104.088952° W 3611.3' 3593.1' 3598.3' 3591.2' 600' 600' SEE DETAIL S.L. 1090' 330'	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and 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.  5-17-11 Signature Date Kelly J. Holly Printed Name kholly@conchoresources.com E-mail Address 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. MAY 4, 2011 Date of Survey Signature & Seal of Professional Surveyor:  Certificate Number... Gary G. Eidson 12641 Ronald J. Eidson 3239 LA JWSC W.O.: 11 11.0695
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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 U.S. HWY. #82 AND CO. RD. #211 (OLD LOCO RD.), GO NORTH ON CO. RD. #211 APPROX. 1.8 MILES. TURN RIGHT AND GO EAST APPROX. 0.4 MILES. TO THE FOLK FED. #11 WELL PAD. THE LOCATION STAKE IS APPROX. 350 FEET NORTHEAST



COG OPERATING, LLC

FOLK FEDERAL #16 WELL
 LOCATED 1090 FEET FROM THE NORTH LINE
 AND 330 FEET FROM THE EAST LINE OF SECTION 17,
 TOWNSHIP 17 SOUTH, RANGE 29 EAST, N.M.P.M.,
 EDDY COUNTY, NEW MEXICO.

Survey Date: 5/4/11	Sheet 1 of 1 Sheets
W.O. Number: 11.11.0695	Dr By: LA
Date: 5/11/11	11110695
	Scale: 1"=100'



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

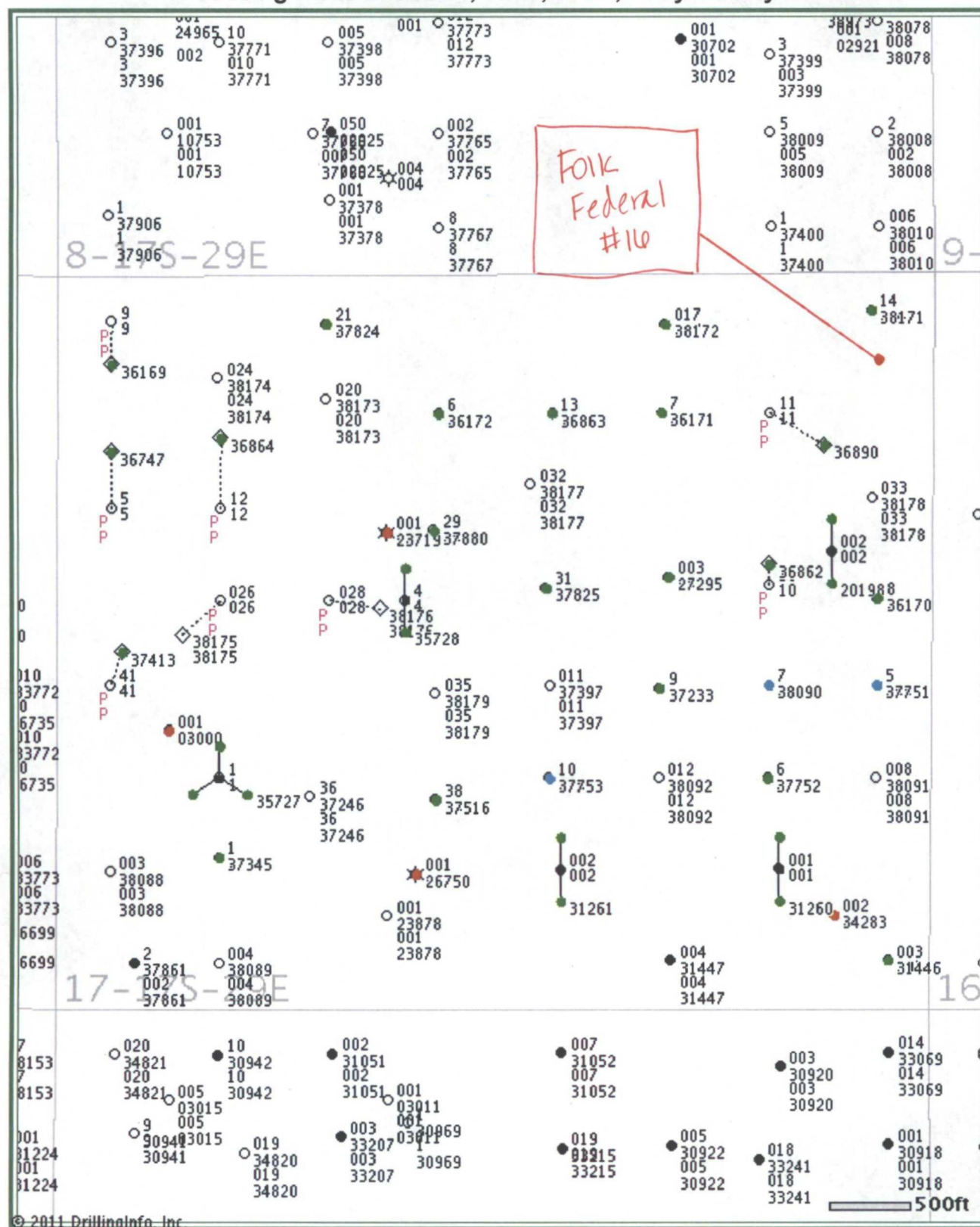
Producing Wells in Sec 17, T17S, R29E, Eddy County NM

API#	Operator	Lease	Well#	County	Legal	Total Depth	Well Type	Well Status	First Prod.	Last Prod.	Avg. (BO/D)
30-015-23719	COG OPERATING LLC	FEDERAL KL-17	001	EDDY	S:17, T:17S, R:29E	10,740	G	Pumping	Aug 1982	Feb 2011	0.11
30-015-31260	CLAYTON WILLIAMS ENERGY INC	PHILLIPS 17 FEDERAL	001	EDDY	S:17, T:17S, R:29E	4,805	O	Temporarily Abandoned	Nov 2000	Mar 2011	0.55
30-015-35728	COG OPERATING LLC	FOLK FEDERAL	4	EDDY	S:17, T:17S, R:29E	5,600	O	Active Permit	Oct 2007	Aug 2010	0.71
30-015-03000		FOLK FEDERAL	001	EDDY	S:17, T:17S, R:29E		O	Active	Jun 1959	Jul 1961	0.81
30-015-34283	CIMAREX ENERGY CO. OF COLORADO	MUSKEGON 17 FEDERAL COM	002	EDDY	S:17, T:17S, R:29E	11,500	PG	Active Permit	May 2006	Sep 2007	0.83
30-015-37413	COG OPERATING LLC	FOLK FEDERAL	41	EDDY	S:17, T:17S, R:29E	5,450	PO	Active Permit	Jan 2011	Feb 2011	1.04
30-015-31261	CLAYTON WILLIAMS ENERGY INC	PHILLIPS 17 FEDERAL	002	EDDY	S:17, T:17S, R:29E	4,506	O	Temporarily Abandoned	Sep 2000	Mar 2011	1.10
30-015-20198	COG OPERATING LLC	FOLK FEDERAL	002	EDDY	S:17, T:17S, R:29E	0	O	Active	Mar 1969	Feb 2011	1.18
30-015-35728	COG OPERATING LLC	FOLK FEDERAL	4	EDDY	S:17, T:17S, R:29E	5,600	O	Active Permit	Dec 2010	Feb 2011	1.18
30-015-35727	COG OPERATING LLC	FOLK FEDERAL	1	EDDY	S:17, T:17S, R:29E	5,123	O	Active Permit	Oct 2010	Feb 2011	2.25
30-015-35727	COG OPERATING LLC	FOLK FEDERAL	1	EDDY	S:17, T:17S, R:29E	5,123	O	Active Permit	Oct 2010	Dec 2010	2.26
30-015-31261	CLAYTON WILLIAMS ENERGY INC	PHILLIPS 17 FEDERAL	002	EDDY	S:17, T:17S, R:29E	4,506	O	Temporarily Abandoned	Dec 2000	Mar 2011	2.77
30-015-20198	MACK ENERGY CORP	FOLK FEDERAL	002	EDDY	S:17, T:17S, R:29E	0	O	Active	Jan 1972	Dec 1977	3.26
30-015-31260	CLAYTON WILLIAMS ENERGY INC	PHILLIPS 17 FEDERAL	001	EDDY	S:17, T:17S, R:29E	4,805	O	Temporarily Abandoned	Sep 2000	Mar 2011	3.29
30-015-31446	CLAYTON WILLIAMS ENERGY INC	PHILLIPS 17 FEDERAL	003	EDDY	S:17, T:17S, R:29E	4,427	O	Pumping	Jan 2001	Mar 2011	3.84
					S:17,						

30-015-37516	COG OPERATING LLC	FOLK FEDERAL	38	EDDY	T:17S, R:29E	5,070	O	Active Permit	Sep 2010	Feb 2011	4.46
30-015-27295	COG OPERATING LLC	FOLK FEDERAL	003	EDDY	S:17, T:17S, R:29E	5,050	PO	Active	Mar 1993	Feb 2011	4.68
30-015-37880	COG OPERATING LLC	FOLK FEDERAL	29	EDDY	S:17, T:17S, R:29E	5,477	O	Active Permit	Nov 2010	Feb 2011	6.50
30-015-35727	COG OPERATING LLC	FOLK FEDERAL	1	EDDY	S:17, T:17S, R:29E	5,123	O	Active Permit	Nov 2007	Jun 2010	6.93
30-015-36172	COG OPERATING LLC	FOLK FEDERAL	6	EDDY	S:17, T:17S, R:29E	5,463	O	Active Permit	Mar 2009	Feb 2011	7.29
30-015-36169	COG OPERATING LLC	FOLK FEDERAL	9	EDDY	S:17, T:17S, R:29E	5,408	O	Active Permit	Nov 2009	Feb 2011	8.00
30-015-36171	COG OPERATING LLC	FOLK FEDERAL	7	EDDY	S:17, T:17S, R:29E	5,465	O	Active Permit	Jul 2009	Feb 2011	8.57
30-015-36170	COG OPERATING LLC	FOLK FEDERAL	8	EDDY	S:17, T:17S, R:29E	5,462	O	Active Permit	Apr 2009	Feb 2011	10.36
30-015-36864	COG OPERATING LLC	FOLK FEDERAL	12	EDDY	S:17, T:17S, R:29E	5,421	O	Active Permit	Sep 2009	Feb 2011	12.39
30-015-36863	COG OPERATING LLC	FOLK FEDERAL	13	EDDY	S:17, T:17S, R:29E	5,531	O	Active Permit	Apr 2010	Feb 2011	13.21
30-015-37825	COG OPERATING LLC	FOLK FEDERAL	31	EDDY	S:17, T:17S, R:29E	5,478	O	Active Permit	Dec 2010	Feb 2011	13.71
30-015-36890	COG OPERATING LLC	FOLK FEDERAL	11	EDDY	S:17, T:17S, R:29E	5,412	O	Active Permit	Dec 2009	Feb 2011	14.00
30-015-37347	COG OPERATING LLC	FIRECRACKER STATE	3	EDDY	S:17, T:17S, R:29E	5,320	O	Active Permit	May 2010	Feb 2011	16.21
30-015-37345	COG OPERATING LLC	FOLK STATE	1	EDDY	S:17, T:17S, R:29E	5,515	O	Active Permit	May 2010	Feb 2011	16.71
30-015-37233	COG OPERATING LLC	FOLK STATE	9	EDDY	S:17, T:17S, R:29E	5,130	O	Active Permit	Jul 2010	Feb 2011	20.11
30-015-38171	COG OPERATING LLC	FOLK FEDERAL	14	EDDY	S:17, T:17S, R:29E	5,478	O	Active Permit	Jan 2011	Feb 2011	20.32
30-015-37752	COG OPERATING LLC	FOLK STATE	6	EDDY	S:17, T:17S, R:29E	5,055	O	Active Permit	Aug 2010	Feb 2011	20.64
					S:17,						

30-015-36747	COG OPERATING LLC	FOLK FEDERAL	5	EDDY	T:17S, R:29E	5,555	O	Active Permit	Aug 2010	Feb 2011	23.68
30-015-36862	COG OPERATING LLC	FOLK FEDERAL	10	EDDY	S:17, T:17S, R:29E	5,550	O	Active Permit	Aug 2009	Feb 2011	25.68
30-015-37751	COG OPERATING LLC	FOLK STATE	5	EDDY	S:17, T:17S, R:29E	5,043	O	Active Permit	Jan 2011	Feb 2011	34.79
30-015-38090	COG OPERATING LLC	FOLK STATE	7	EDDY	S:17, T:17S, R:29E	5,463	O	Active Permit	Jan 2011	Feb 2011	58.96
30-015-37753	COG OPERATING LLC	FOLK STATE	10	EDDY	S:17, T:17S, R:29E	5,167	O	Active Permit	Jan 2011	Feb 2011	61.50
30-015-37824	COG OPERATING LLC	FOLK FEDERAL	21	EDDY	S:17, T:17S, R:29E	5,467	O	Active Permit	Jan 2011	Feb 2011	72.82
30-015-26750	CONOCOPHILLIPS COMPANY	MUSKEGON "17" STATE COM.	001	EDDY	S:17, T:17S, R:29E	10,880	G	Pumping	May 1992	Feb 2011	
30-015-38172	COG OPERATING LLC	FOLK FEDERAL	017	EDDY	S:17, T:17S, R:29E	5,500	PO	Active Permit	Feb 2011	Feb 2011	

Producing Wells in Sec 17, T17S, R29E, Eddy County NM



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