

DATE IN <u>8.17.10</u>	SUSPENSE	ENGINEER <u>DB.</u>	LOGGED IN <u>8.17.10</u>	TYPE <u>NSL</u>	APP NO <u>1022948991</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 operating
Mc Coy State #9

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]

F-8-175-295

[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
 2010 AUG 17 A 11:25

[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.

ROBYN M. ODOM
 Print or Type Name

Robyn Odom
 Signature

REGULATORY ANALYST
 Title

8/16/10
 Date

(432) 685-4385
 Phone Number

rododm@conchoresources.com
 E-mail Address

**McCoy State #9
Eddy County, NM**

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

Non-Standard Location:

2460' FNL & 1650' FWL Sec 8, T17S, R29E, Unit F

**This well had to be drilled at a non-standard location due to
an electrical line.**

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 NW/4 SW/4 and the NE/4 SW/4
of Section 8.

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

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION

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

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-	Pool Code 96610	Pool Name EMPIRE; GLORIETA-YESO, EAST
Property Code 37933	Property Name McCOY STATE	Well Number 9
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3634'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	8	17-S	29-E		2460	NORTH	1650	WEST	EDDY

Bottom Hole Location If Different From Surface

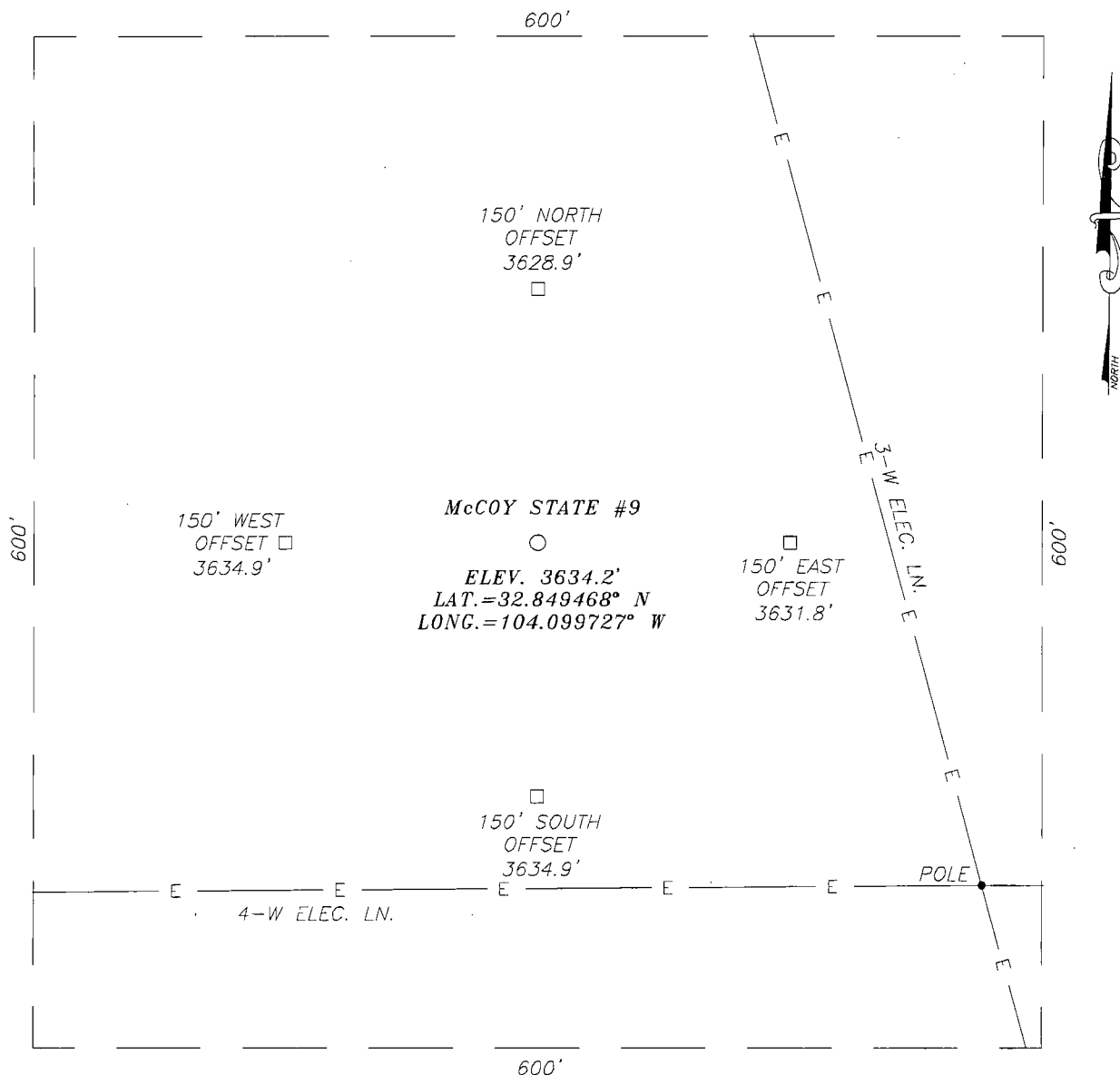
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

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

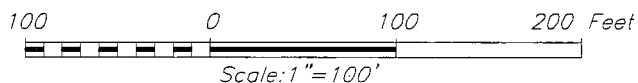
GEODETIC COORDINATES NAD 27 NME Y=672827.1 N X=571741.2 E LAT.=32.849468° N LONG.=104.099727° W	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral 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> 8/16/2010 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. <i>Ronald J. Eidson</i> 08/04/2010 Date Surveyed Signature Seal of Professional Surveyor 3239
	Certificate No. GARY EIDSON 12641 RONALD J. EIDSON 3239

SECTION 8, 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. 2.5 MILES. THE LOCATION STAKE
 IS APPROX. 760 FEET WEST OF CO. RD. #211.



COG OPERATING, LLC

McCOY STATE #9 WELL
 LOCATED 2460 FEET FROM THE NORTH LINE
 AND 1650 FEET FROM THE WEST LINE OF SECTION 8,
 TOWNSHIP 17 SOUTH, RANGE 29 EAST, N.M.P.M.,
 EDDY COUNTY, NEW MEXICO.

Survey Date: 7/26/10	Sheet 1 of 1 Sheets
W.O. Number: 10.11.1088	Dr By: LA
Date: 8/2/10	10111088
	Scale: 1"=100'

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

Offset Wells to McCoy State #9

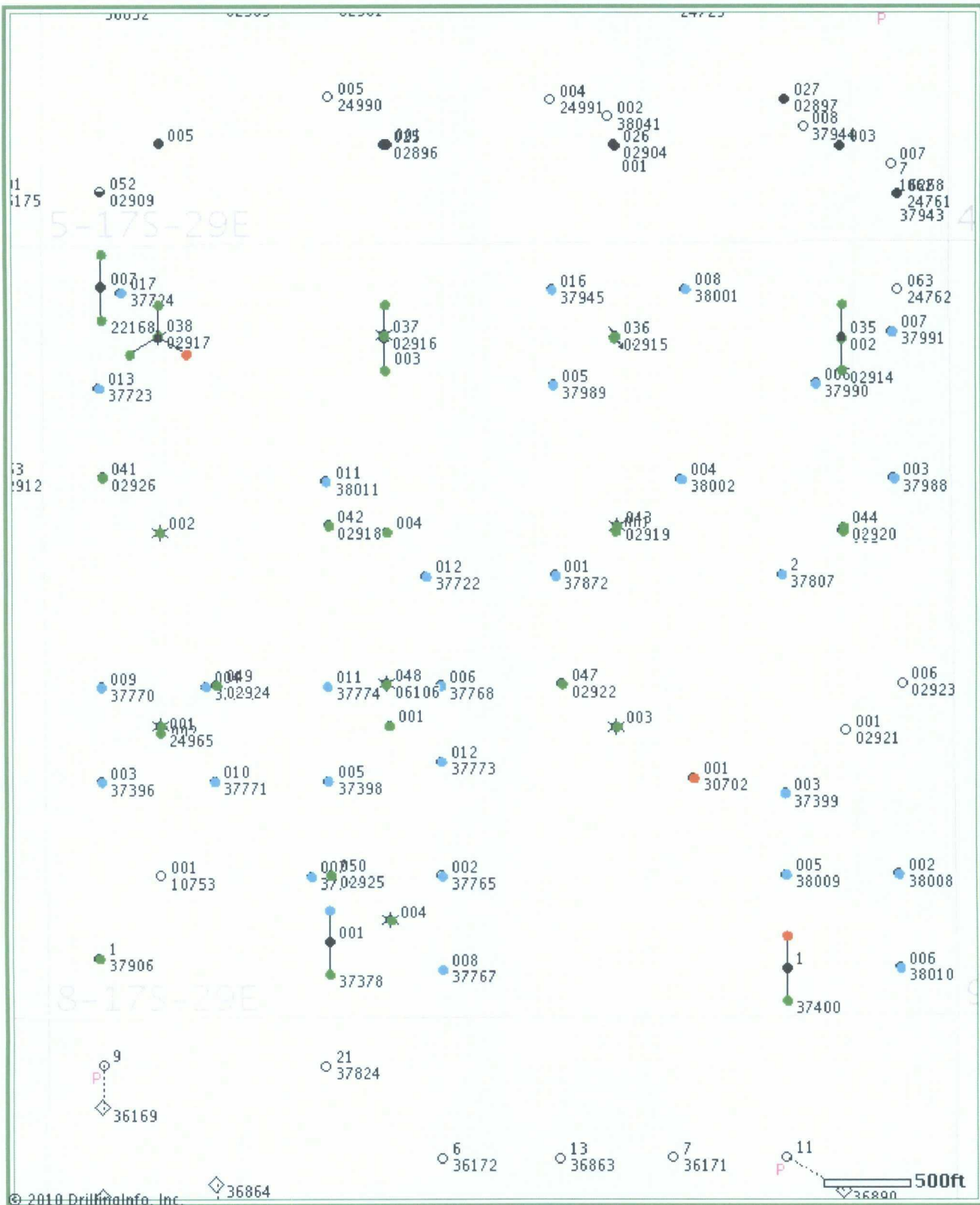
API#	Operator	Lease	Well#	County	Legal	Field Name	Reservoir Name	Total Depth	Well Type	Well Status	First Prod.	Last Prod.	Avg. (BOD)
30-015-02917		CAVE POOL UNIT	038	EDDY	S:8, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA		O	Active	Jan 1963	Apr 1963	0.00
30-015-00000	KINCAID AND WATSON DRILLING CO	ATLANTIC STATE	001	EDDY	S:8, T:17S, R:29E	CAVE GRAYBURG			G	Active	Jan 1962	Dec 1962	0.03
30-015-02918		CAVE POOL UNIT	042	EDDY	S:8, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA		O	Active	Jan 1963	Feb 1963	0.04
30-015-00000	KINCAID & WATSON	HUMBLE STATE	004	EDDY	S:8, T:17S, R:29E	CAVE POOL			O	Active	Sep 1956	Dec 1962	0.06
30-015-00000	KINCAID AND WATSON DRILLIN CO	HUMBLE ST	003	EDDY	S:8, T:17S, R:29E	CAVE GRAYBURG CTD			AP	Unknown	Jan 1962	Dec 1962	0.06
30-015-00000	KINCAID & WATSON	HUMBLE STATE	003	EDDY	S:8, T:17S, R:29E	CAVE POOL			O	Active	Aug 1956	Dec 1961	0.23
30-015-00000	GEN AMERICAN	HUMBLE ST	001	EDDY	S:8, T:17S, R:29E	GRAYBURG	UPPER PENN		G	Active	Jan 1958	Dec 1961	0.23
30-015-22168	FINNEY OIL COMPANY	HUMBLE 8	007	EDDY	S:8, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA	0	O	Active	Jan 1987	May 2010	0.39
30-015-00000	CONTINENTAL OIL COMPANY	STATE T	001	EDDY	S:8, T:17S, R:29E	CAVE POOL			O	Active	Nov 1956	Dec 1962	0.39
30-015-00000	CONTINENTAL OIL COMPANY	STATE T-8	002	EDDY	S:8, T:17S, R:29E	CAVE POOL			O	Active	May 1957	Dec 1962	0.39
30-015-00000	KINCAID & WATSON	ATLANTIC STATE	001	EDDY	S:8, T:17S, R:29E	CAVE POOL			O	Active	Dec 1956	Dec 1962	0.61
30-015-00000	KINCAID & WATSON	ATLATIC ST.	002	EDDY	S:8, T:17S, R:29E	CAVE POOL			G	Active	Jun 1957	Dec 1962	0.61
30-015-00000	KINCAID & WATSON	ATLANTIC ST.	003	EDDY	S:8, T:17S, R:29E	CAVE POOL			G	Active	Mar 1957	Dec 1962	0.61
30-015-00000	KINCAID & WATSON	ATLANTIC ST.	004	EDDY	S:8, T:17S, R:29E	CAVE POOL			G	Active	Sep 1957	Dec 1962	0.61
30-015-00000	LEONARD OIL COMPANY	FED. POLK	002	EDDY	S:8, T:17S, R:29E	CAVE POOL			G	Active	Jul 1956	Mar 1962	0.68
30-015-00000	CONTINENTAL OIL COMPANY	STATE U-8	001	EDDY	S:8, T:17S, R:29E	CAVE POOL			O	Active	May 1957	Dec 1962	0.68
30-015-00000	CONTINENTAL OIL COMPANY	STATE U-8	002	EDDY	S:8, T:17S, R:29E	CAVE POOL			O	Active	Jun 1957	Dec 1962	0.68
30-015-02916	CONTINENTAL OIL CO	CAVE POOL	037	EDDY	S:8, T:17S, R:29E	CAVE GRAYBURG			G	Active	Jan 1963	Dec 1969	1.00

30-015-00000	KELLY JOHN M	HUMBLE ST	001	EDDY	S:8, T:17S, R:29E	CAVE GRAYBURG CTD				G	Active		Jan 1959	Dec 1960	1.03
30-015-02919	CONTINENTAL OIL CO	CAVE POOL	043	EDDY	S:8, T:17S, R:29E	CAVE GRAYBURG		2.450		G	Active		Jan 1963	Dec 1969	2.00
30-015-02925		CAVE POOL UNIT	050	EDDY	S:8, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA			O	Active		Jan 1963	Dec 1983	3.00
30-015-06106	CONTINENTAL OIL CO	CAVE POOL	048	EDDY	S:8, T:17S, R:29E	CAVE GRAYBURG				G	Active		Jan 1963	Dec 1969	3.00
30-015-02914	ARCHIE M. SPEIR	CAVE POOL UNIT	035	EDDY	S:8, T:17S, R:29E			0		O	Shut-in		Jan 1969	Dec 1969	3.00
30-015-02920		CAVE POOL UNIT	044	EDDY	S:8, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA	2.450		O	Active		Jan 1963	Dec 1983	5.97
30-015-02924		CAVE POOL UNIT	049	EDDY	S:8, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA			O	Active		Jan 1963	Dec 1983	9.06
30-015-02922		CAVE POOL UNIT	047	EDDY	S:8, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA			O	Active		Jan 1963	Dec 1983	133.26
30-015-02914	MARKS AND GARNER PRODUCTION LTD CO	CAVE POOL UNIT	035	EDDY	S:8, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA	0		O	Shut-in		Jan 1963	Oct 2009	
30-015-02926	MARKS AND GARNER PRODUCTION LTD CO	CAVE POOL UNIT	041	EDDY	S:8, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA	0		O	Temporarily Abandoned		Jan 1964	Aug 2007	
30-015-30702	EOG RESOURCES INC	CONOCO 8 STATE COM	001	EDDY	S:8, T:17S, R:29E	RED LAKE	UPPER PENN, EAST	10,920		O	Flowing		Mar 2000	May 2010	
30-015-02915	MARKS AND GARNER PRODUCTION LTD CO	CAVE POOL UNIT	036	EDDY	S:8, T:17S, R:29E	SWD	GRAYBURG	2.450		D	Salt Water Disposal		Jan 1963	Aug 1963	
30-015-24965		ARCO 8 STATE COM	001	EDDY	S:8, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA	10,670		O	Active				
30-015-22168		HUMBLE 8	007	EDDY	S:8, T:17S, R:29E	PEARSALL	SEVEN RIVERS	0		O	Active				
30-015-37378	COG OPERATING LLC	HATFIELD STATE	001	EDDY	S:8, T:17S, R:29E	EMPIRE	YESO, EAST	5.475		O	Active Permit		May 2010	May 2010	
30-015-37400	COG OPERATING LLC	MCCOY STATE	1	EDDY	S:8, T:17S, R:29E	EMPIRE	YESO, EAST	5.466		O	Active Permit		May 2010	May 2010	
30-015-37399	COG OPERATING LLC	MCCOY STATE	003	EDDY	S:8, T:17S, R:29E	EMPIRE	YESO, EAST	5.450		PO	Active Permit				
30-015-37396	COG OPERATING LLC	HATFIELD STATE	003	EDDY	S:8, T:17S, R:29E	EMPIRE	YESO, EAST	5.450		PO	Active Permit				
	COG OPERATING	HATFIELD			S:8, T:17S,										

30-015-37398	LLC	STATE	005	EDDY	R:29E	EMPIRE	YESO, EAST	5,450	PO	Active Permit		
	COG OPERATING LLC	MCCOY STATE		EDDY	S:8, T:17S, R:29E	EMPIRE	YESO, EAST	5,450	PO	Active Permit		
30-015-37722	LLC		012	EDDY								
	COG OPERATING LLC	MCCOY STATE	013	EDDY	S:8, T:17S, R:29E	EMPIRE	YESO, EAST	5,450	PO	Active Permit		
30-015-37723	LLC											
	COG OPERATING LLC	MCCOY STATE	017	EDDY	S:8, T:17S, R:29E	EMPIRE	YESO, EAST	5,450	PO	Active Permit		
30-015-37724	LLC											
	COG OPERATING LLC	HATFIELD STATE	002	EDDY	S:8, T:17S, R:29E	EMPIRE	YESO, EAST	6,000	PO	Active Permit		
30-015-37765	LLC											
	COG OPERATING LLC	HATFIELD STATE	004	EDDY	S:8, T:17S, R:29E	EMPIRE	YESO, EAST	6,000	PO	Active Permit		
30-015-37769	LLC											
	COG OPERATING LLC	HATFIELD STATE	006	EDDY	S:8, T:17S, R:29E	EMPIRE	YESO, EAST	6,000	PO	Active Permit		
30-015-37768	LLC											
	COG OPERATING LLC	HATFIELD STATE	007	EDDY	S:8, T:17S, R:29E	EMPIRE	YESO, EAST	6,000	PO	Active Permit		
30-015-37766	LLC											
	COG OPERATING LLC	HATFIELD STATE	008	EDDY	S:8, T:17S, R:29E	EMPIRE	YESO, EAST	6,000	PO	Active Permit		
30-015-37767	LLC											
	COG OPERATING LLC	HATFIELD STATE	009	EDDY	S:8, T:17S, R:29E	EMPIRE	YESO, EAST	6,000	PO	Active Permit		
30-015-37770	LLC											
	COG OPERATING LLC	HATFIELD STATE	010	EDDY	S:8, T:17S, R:29E	EMPIRE	YESO, EAST	6,000	PO	Active Permit		
30-015-37771	LLC											
	COG OPERATING LLC	HATFIELD STATE	011	EDDY	S:8, T:17S, R:29E	EMPIRE	YESO, EAST	6,000	PO	Active Permit		
30-015-37774	LLC											
	COG OPERATING LLC	HATFIELD STATE	012	EDDY	S:8, T:17S, R:29E	EMPIRE	YESO, EAST	6,000	PO	Active Permit		
30-015-37773	LLC											
	CIMAREX ENERGY CO. OF COLORADO	CHASER 8 STATE	2	EDDY	S:8, T:17S, R:29E	EMPIRE	YESO, EAST	6,000	PO	Active Permit		
30-015-37807	LLC											
	CIMAREX ENERGY CO. OF COLORADO	CHASER 8 STATE	001	EDDY	S:8, T:17S, R:29E	EMPIRE	YESO, EAST	6,000	PO	Active		
30-015-37872	LLC											
	COG OPERATING LLC	HATFIELD STATE	001	EDDY	S:8, T:17S, R:29E	EMPIRE; GLORIETA-YESO, EAST		5,475	O	Active Permit		
30-015-37378	LLC											
	CIMAREX ENERGY CO. OF COLORADO	CHASER 8 STATE	016	EDDY	S:8, T:17S, R:29E	EMPIRE (YESO)	YESO	6,000	PO	Active Permit		
30-015-37945	LLC											
	NADEL AND GUSSMAN HEYCO, LLC	HILLBILLY CAVE 8 STATE	1	EDDY	S:8, T:17S, R:29E	EMPIRE	YESO, EAST	5,450	PO	Active Permit		
30-015-37906	LLC											
	COG OPERATING LLC	MC COY STATE	1	EDDY	S:8, T:17S, R:29E	EMPIRE; GLORIETA-YESO, EAST		5,466	O	Active Permit		
30-015-37400	LLC											
	CIMAREX											

30-015-37990	ENERGY CO. OF COLORADO	CHASER 8 STATE	006	EDDY	S:8, T:17S, R:29E	EMPIRE		YESO, EAST	6,000	PO	Active Permit		
30-015-37988	CIMAREX ENERGY CO. OF COLORADO	CHASER 8 STATE	003	EDDY	S:8, T:17S, R:29E	EMPIRE		YESO, EAST	6,000	PO	Active Permit		
30-015-37991	CIMAREX ENERGY CO. OF COLORADO	CHASER 8 STATE	007	EDDY	S:8, T:17S, R:29E	EMPIRE		YESO, EAST	6,000	PO	Active Permit		
30-015-37989	CIMAREX ENERGY CO. OF COLORADO	CHASER 8 STATE	005	EDDY	S:8, T:17S, R:29E	EMPIRE		YESO, EAST	6,000	PO	Active Permit		
30-015-38001	CIMAREX ENERGY CO. OF COLORADO	CHASER 8 STATE	008	EDDY	S:8, T:17S, R:29E	EMPIRE		YESO, EAST	6,000	PO	Active Permit		
30-015-38008	COG OPERATING LLC	MCCOY STATE	002	EDDY	S:8, T:17S, R:29E	EMPIRE		YESO, EAST	5,350	PG	Active Permit		
30-015-38009	COG OPERATING LLC	MCCOY STATE	005	EDDY	S:8, T:17S, R:29E	EMPIRE		YESO, EAST	5,350	PO	Active Permit		
30-015-38010	COG OPERATING LLC	MCCOY STATE	006	EDDY	S:8, T:17S, R:29E	EMPIRE		YESO, EAST	5,500	PO	Active Permit		
30-015-38011	COG OPERATING LLC	MCCOY STATE	011	EDDY	S:8, T:17S, R:29E	EMPIRE		YESO, EAST	5,500	PO	Active Permit		
30-015-38002	CIMAREX ENERGY CO. OF COLORADO	CHASER 8 STATE	004	EDDY	S:8, T:17S, R:29E	EMPIRE		YESO, EAST	6,000	PO	Active Permit		

Offset Wells to McCoy State #9



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