

DATE IN 6-14-11	SUSPENSE	ENGINEER DB	LOGGED IN ☒	TYPE NSL	APP NO 1116537248
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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
 Burch Neely V# 517
 6408

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 _____

2011 JUN 14 A 10:09
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[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

6-13-11
 Date

(432) 685-4384
 Phone Number

kholly@conchoresources.com
 E-mail Address

**Burch Keely Unit #517
Eddy County, NM**

COG proposes to drill a NE/4 NE/4, 40 acre spacing
Grayburg Jackson; SR-Q-G-SA Oil Well
TD of approximately 4800'

Non-Standard Location:

SHL: 287' FNL & 937' FEL Sec 13, T17S, R29E, Unit A

**This well had to be drilled at a non-standard location due to
buried pipelines.**

This well is to be completed in the Grayburg Jackson; SR-Q-G-SA (28509) 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 Yesso 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 SE/4 of Section 12.

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 28509	Pool Name Grayburg Jackson; SR-Q-G-SA
Property Code 308086	Property Name BURCH KEELY UNIT	Well Number 517
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3645'

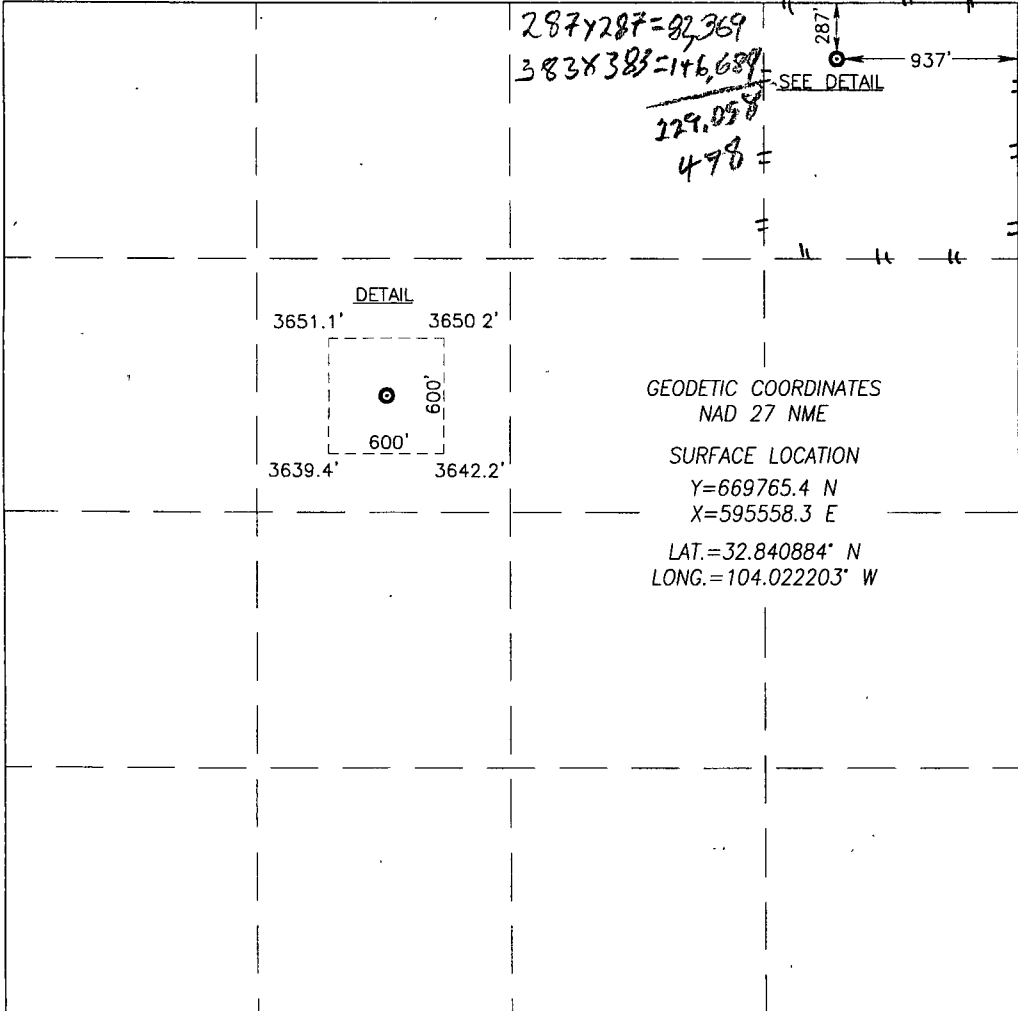
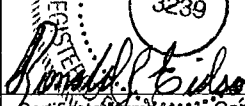
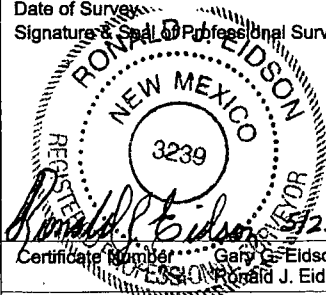
Surface Location

UL or lot No. A	Section 13	Township 17-S	Range 29-E	Lot Idn	Feet from the 287	North/South line NORTH	Feet from the 937	East/West line EAST	County EDDY
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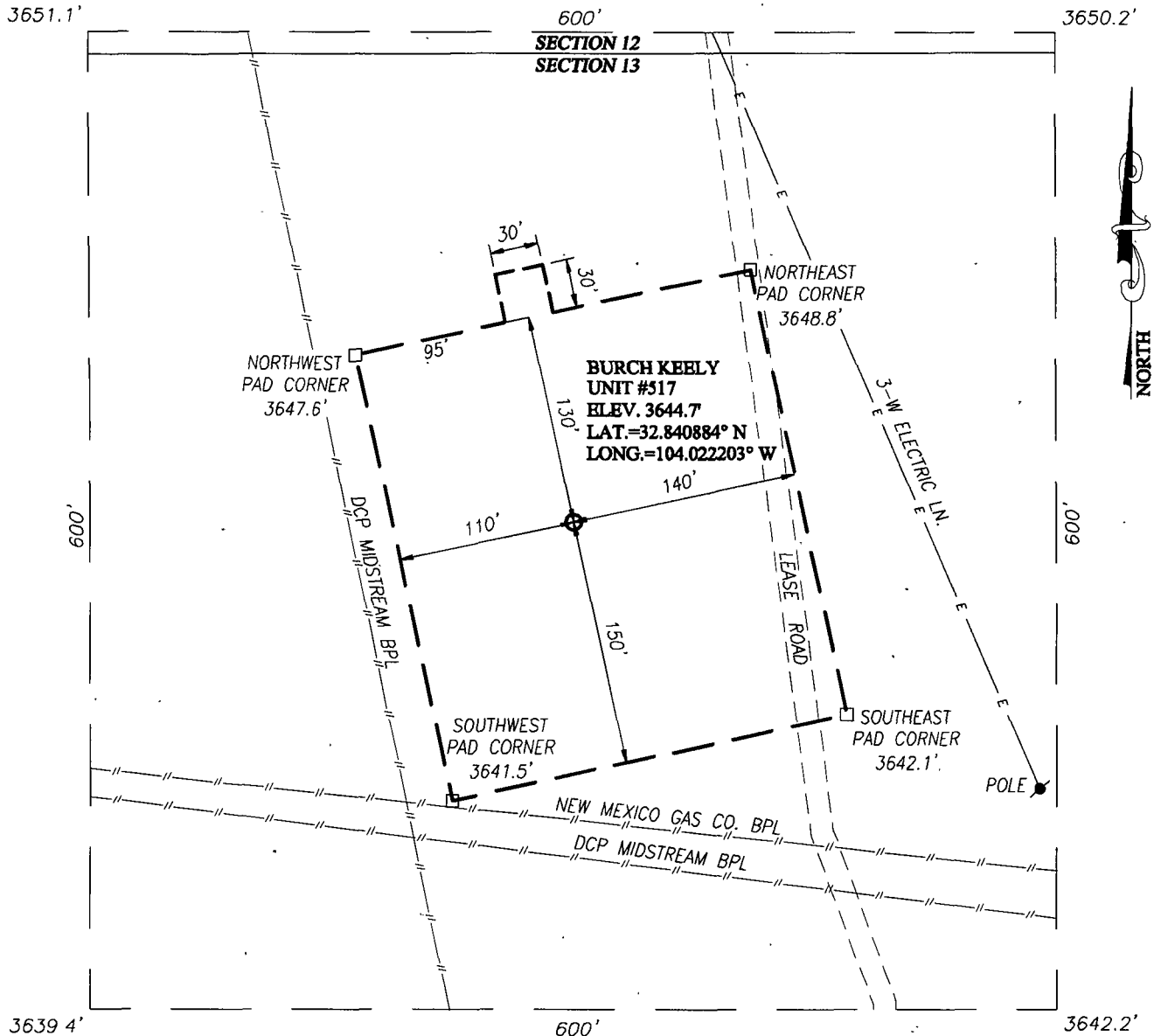
Bottom Hole Location If Different From Surface

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.						

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

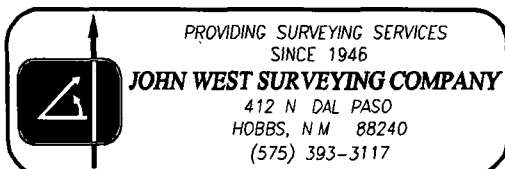
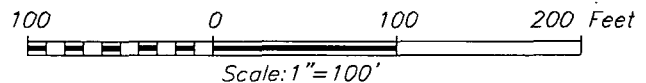
	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this 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.  6-1-11 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 16, 2011 Date of Survey Signature of Professional Surveyor:   Certificate Number: Gary G. Eidson 12641 Ronald J. Eidson 3239 DSS JWSC W.O.: 11.11.0105
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SECTION 13, 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 #215 (KEWANEE), GO NORTH ON CO. RD. #215 APPROX. 1.0 MILE. TURN RIGHT AND GO EAST APPROX. 0.9 MILES. TURN LEFT AND GO NORTH APPROX. 0.35 MILES. THIS LOCATION STAKE IS APPROX. 130 FEET WEST OF LEASE ROAD.



COG OPERATING, LLC

BURCH KEELY UNIT #517 WELL
 LOCATED 287 FEET FROM THE NORTH LINE
 AND 937 FEET FROM THE EAST LINE OF SECTION 13,
 TOWNSHIP 17 SOUTH, RANGE 29 EAST, N.M.P.M.,
 EDDY COUNTY, NEW MEXICO

Survey Date: 5/16/11	Sheet 1 of 1 Sheets
W.O. Number: 11.11.0105	Dr By: DSS
Date: 5/24/11	Rev 1: N/A
Rel. W.O.:	11110105
Scale: 1"=100'	

Producing Wells in Section 13, T17S, R29E, Eddy County NM

API#	Operator	Lease	Well#	County	Legal	Total Depth	Well Type	Well Status	First Prod.	Last Prod.	Avg. (BO/D)
30-015-20412	MARBOB ENERGY CORP	BURCH KEELY UNIT	020	EDDY	S:13, T:17S, R:29E	3,300	O	Pumping	Jan 1979	Feb 2011	0.29
30-015-20398	MARBOB ENERGY CORP	BURCH KEELY UNIT	032	EDDY	S:13, T:17S, R:29E	3,300	O	Pumping	Jan 1979	Feb 2011	0.32
30-015-20425	MARBOB ENERGY CORP	BURCH KEELY UNIT	019	EDDY	S:13, T:17S, R:29E	3,132	O	Pumping	Jan 1979	Feb 2011	0.43
30-015-02973	MARBOB ENERGY CORP	BURCH KEELY UNIT	003	EDDY	S:13, T:17S, R:29E	0	O	Temporarily Abandoned	Jan 1956	Jun 1986	0.50
30-015-20340	MARBOB ENERGY CORP	BURCH KEELY UNIT	014	EDDY	S:13, T:17S, R:29E	2,572	O	Temporarily Abandoned	Jan 1979	Jun 1986	0.50
30-015-20372	MARBOB ENERGY CORP	BURCH KEELY UNIT	033	EDDY	S:13, T:17S, R:29E	3,130	O	Pumping	Jan 1979	Feb 2011	0.50
30-015-20427	MARBOB ENERGY CORP	BURCH KEELY UNIT	017	EDDY	S:13, T:17S, R:29E	2,600	O	Pumping	Jan 1979	Feb 2011	0.50
30-015-20339	MARBOB ENERGY CORP	BURCH KEELY UNIT	016	EDDY	S:13, T:17S, R:29E	2,550	O	Temporarily Abandoned	Jan 1979	Jun 1986	0.53
30-015-02972	MARBOB ENERGY CORP	BURCH KEELY UNIT	002	EDDY	S:13, T:17S, R:29E	0	O	Temporarily Abandoned	Jan 1967	Dec 1977	0.61
30-015-02973	MARBOB ENERGY CORP	BURCH KEELY UNIT	003	EDDY	S:13, T:17S, R:29E	0	O	Temporarily Abandoned	Jan 1969	Dec 1977	0.61
30-015-20339	MARBOB ENERGY CORP	BURCH KEELY UNIT	016	EDDY	S:13, T:17S, R:29E	2,550	O	Temporarily Abandoned	Jan 1972	Dec 1977	0.61
30-015-02972	MARBOB ENERGY CORP	BURCH KEELY UNIT	002	EDDY	S:13, T:17S, R:29E	0	O	Temporarily Abandoned	Jan 1956	Jun 1986	0.67
30-015-20389	MARBOB ENERGY CORP	BURCH KEELY UNIT	018	EDDY	S:13, T:17S, R:29E	3,260	PO	Pumping	Jan 1979	Feb 2005	0.79
30-015-02972	GENERAL AMERICAN OIL CO OF TEXAS	KEELY C FED	002	EDDY	S:13, T:17S, R:29E	0	O	Temporarily Abandoned	Jan 1958	Dec 1968	1.00
30-015-02973	GENERAL AMERICAN OIL CO OF TEXAS	KEELY C FED	003	EDDY	S:13, T:17S, R:29E	0	O	Temporarily Abandoned	Jan 1958	Dec 1968	1.00
					S:13,						

30-015-25715	MARBOB ENERGY CORP	BURCH KEELY UNIT	004	EDDY	T:17S, R:29E	4,680	PO	Pumping	Sep 1987	Feb 2011	1.04
30-015-20629	MARBOB ENERGY CORP	BURCH KEELY UNIT	005	EDDY	S:13, T:17S, R:29E	0	O	Pumping	Jan 1979	Jun 1986	1.07
30-015-20427	MARBOB ENERGY CORP	BURCH KEELY UNIT	017	EDDY	S:13, T:17S, R:29E	2,600	O	Pumping	Jan 1972	Dec 1977	1.13
30-015-20340	MARBOB ENERGY CORP	BURCH KEELY UNIT	014	EDDY	S:13, T:17S, R:29E	2,572	O	Temporarily Abandoned	Jan 1972	Dec 1977	1.16
30-015-20397	MARBOB ENERGY CORP	BURCH KEELY UNIT	034	EDDY	S:13, T:17S, R:29E	3,200	O	Pumping	Jan 1979	Feb 2011	1.18
30-015-20428	MARBOB ENERGY CORP	BURCH KEELY UNIT	015	EDDY	S:13, T:17S, R:29E	2,600	O	Pumping	Jan 1979	Feb 2011	1.25
30-015-02971	MARBOB ENERGY CORP	BURCH KEELY UNIT	013	EDDY	S:13, T:17S, R:29E	0	O	Temporarily Abandoned	Jan 1972	Dec 1977	1.48
30-015-20428	MARBOB ENERGY CORP	BURCH KEELY UNIT	015	EDDY	S:13, T:17S, R:29E	2,600	O	Pumping	Jan 1972	Dec 1977	1.48
30-015-20378	MARBOB ENERGY CORP	BURCH KEELY UNIT	035	EDDY	S:13, T:17S, R:29E	3,220	O	Pumping	Jan 1972	Dec 1977	1.71
30-015-00000	GENERAL AMERICAN OIL CO. OF TEXAS	KEELEY C	003	EDDY	S:13, T:17S, R:29E		O	Active	Feb 1947	Dec 1952	1.71
30-015-20389	MARBOB ENERGY CORP	BURCH KEELY UNIT	018	EDDY	S:13, T:17S, R:29E	3,260	PO	Pumping	Jan 1972	Dec 1977	1.74
30-015-33801	MARBOB ENERGY CORP	BURCH KEELY UNIT	371	EDDY	S:13, T:17S, R:29E	4,560	O	Active	Feb 2005	Feb 2011	2.11
30-015-02973	GENERAL AMERICAN OIL COMPANY OF TEXAS	KEELEY C	003	EDDY	S:13, T:17S, R:29E	0	O	Temporarily Abandoned	Jan 1953	Dec 1957	2.13
30-015-02972	GENERAL AMERICAN OIL COMPANY OF TEXAS	KEELEY C	002	EDDY	S:13, T:17S, R:29E	0	O	Temporarily Abandoned	Feb 1948	Dec 1957	2.52
30-015-33795	MARBOB ENERGY CORP	BURCH KEELY UNIT	951	EDDY	S:13, T:17S, R:29E	4,690	O	Active	Oct 2005	Feb 2011	2.93
30-015-33800	MARBOB ENERGY CORP	BURCH KEELY UNIT	395	EDDY	S:13, T:17S, R:29E	4,800	PO	Active	Jan 2007	Feb 2011	2.93
30-015-02971	MARBOB ENERGY CORP	BURCH KEELY UNIT	013	EDDY	S:13, T:17S, R:29E	0	O	Temporarily Abandoned	Jan 1979	Feb 2011	3.36
					S:13,						

30-015-27477	MARBOB ENERGY CORP	BURCH KEELY UNIT	210	EDDY	T:17S, R:29E	4,600	O	Pumping	Aug 1993	Feb 2011	3.36
30-015-33797	MARBOB ENERGY CORP	BURCH KEELY UNIT	952	EDDY	S:13, T:17S, R:29E	4,660	O	Active	Oct 2005	Feb 2011	3.36
30-015-33802	MARBOB ENERGY CORP	BURCH KEELY UNIT	372	EDDY	S:13, T:17S, R:29E	4,650	O	Active	Apr 2005	Feb 2011	3.36
30-015-33799	MARBOB ENERGY CORP	BURCH KEELY UNIT	390	EDDY	S:13, T:17S, R:29E	4,630	O	Active	Nov 2006	Feb 2011	3.36
30-015-20372	MARBOB ENERGY CORP	BURCH KEELY UNIT	033	EDDY	S:13, T:17S, R:29E	3,130	O	Pumping	Jan 1972	Dec 1977	3.39
30-015-27573	MARBOB ENERGY CORP	BURCH KEELY UNIT	215	EDDY	S:13, T:17S, R:29E	4,600	O	Pumping	Oct 1993	Feb 2011	3.75
30-015-20425	MARBOB ENERGY CORP	BURCH KEELY UNIT	019	EDDY	S:13, T:17S, R:29E	3,132	O	Pumping	Jan 1972	Dec 1977	4.10
30-015-20378	MARBOB ENERGY CORP	BURCH KEELY UNIT	035	EDDY	S:13, T:17S, R:29E	3,220	O	Pumping	Jan 1979	Feb 2011	4.14
30-015-29889	MARBOB ENERGY CORP	BURCH KEELY UNIT	286	EDDY	S:13, T:17S, R:29E	4,606	O	Pumping	Mar 1998	Feb 2011	4.18
30-015-33796	MARBOB ENERGY CORP	BURCH KEELY UNIT	950	EDDY	S:13, T:17S, R:29E	4,650	O	Active	May 2005	Feb 2011	4.18
30-015-33798	MARBOB ENERGY CORP	BURCH KEELY UNIT	953	EDDY	S:13, T:17S, R:29E	4,590	O	Active	Oct 2006	Feb 2011	4.18
30-015-20397	MARBOB ENERGY CORP	BURCH KEELY UNIT	034	EDDY	S:13, T:17S, R:29E	3,200	O	Pumping	Jan 1972	Dec 1977	4.29
30-015-29020	MARBOB ENERGY CORP	BURCH KEELY UNIT	255	EDDY	S:13, T:17S, R:29E	4,600	O	Pumping	Sep 1996	Feb 2011	4.61
30-015-33806	MARBOB ENERGY CORP	BURCH KEELY UNIT	961	EDDY	S:13, T:17S, R:29E	4,580	O	Active	Sep 2005	Feb 2011	4.61
30-015-00000	GENERAL AMERICAN OIL COMPANY OF TEXAS	KEELY C	050	EDDY	S:13, T:17S, R:29E		AP	Unknown	Dec 1971	Dec 1971	4.84
30-015-20398	MARBOB ENERGY CORP	BURCH KEELY UNIT	032	EDDY	S:13, T:17S, R:29E	3,300	O	Pumping	Jan 1972	Dec 1977	5.00
30-015-20412	MARBOB ENERGY CORP	BURCH KEELY UNIT	020	EDDY	S:13, T:17S, R:29E	3,300	O	Pumping	Jan 1972	Dec 1977	5.00
					S:13,						

30-015-20629	MARBOB ENERGY CORP	BURCH KEELY UNIT	005	EDDY	T:17S, R:29E	0	O	Pumping	Aug 1972	Dec 1977	5.23
30-015-02973	GENERAL AMERICAN OIL COMPANY OF TEXAS	KEELY C	003	EDDY	S:13, T:17S, R:29E	0	O	Temporarily Abandoned	Jan 1971	Dec 1971	5.26
30-015-00000	GENERAL AMERICAN OIL COMPANY OF TEXAS	KEELY C	045	EDDY	S:13, T:17S, R:29E		AP	Unknown	Jan 1971	Dec 1971	5.29
30-015-02972	GENERAL AMERICAN OIL COMPANY OF TEXAS	KEELY C	002	EDDY	S:13, T:17S, R:29E	0	O	Temporarily Abandoned	Jan 1971	Dec 1971	5.32
30-015-33808	MARBOB ENERGY CORP	BURCH KEELY UNIT	383	EDDY	S:13, T:17S, R:29E	4,650	O	Active	Oct 2005	Feb 2011	5.86
30-015-33807	MARBOB ENERGY CORP	BURCH KEELY UNIT	394	EDDY	S:13, T:17S, R:29E	4,670	O	Active	Sep 2006	Feb 2011	5.86
30-015-00000	GENERAL AMERICAN OIL COMPANY OF TEXAS	KEELY C	046	EDDY	S:13, T:17S, R:29E		AP	Unknown	Feb 1971	Dec 1971	6.03
30-015-00000	WESTERN PROD. CO.	KEELEY C	002	EDDY	S:13, T:17S, R:29E		O	Active	Feb 1947	Dec 1947	6.13
30-015-33803	MARBOB ENERGY CORP	BURCH KEELY UNIT	374	EDDY	S:13, T:17S, R:29E	4,650	O	Active	Mar 2005	Feb 2011	6.68
30-015-33805	MARBOB ENERGY CORP	BURCH KEELY UNIT	391	EDDY	S:13, T:17S, R:29E	4,800	PO	Active	Dec 2006	Feb 2011	6.68
30-015-35399	MARBOB ENERGY CORP	BURCH KEELY UNIT	398	EDDY	S:13, T:17S, R:29E	4,800	PO	Active	Apr 2007	Feb 2011	7.25
30-015-33809	MARBOB ENERGY CORP	BURCH KEELY UNIT	392	EDDY	S:13, T:17S, R:29E	4,800	O	Active	Mar 2007	Feb 2011	9.61
30-015-00000	GENERAL AMERICAN OIL COMPANY OF TEXAS	KEELY C	047	EDDY	S:13, T:17S, R:29E		AP	Unknown	Feb 1971	Dec 1971	10.35
30-015-00000	GENERAL AMERICAN OIL COMPANY OF TEXAS	KEELY C	051	EDDY	S:13, T:17S, R:29E		AP	Unknown	Nov 1971	Dec 1971	10.55
30-015-00000	GEN. AMERICAN	KEELY A	018	EDDY	S:13, T:17S, R:29E		AP	Unknown	Mar 1971	Dec 1971	12.03
30-015-00000	GENERAL AMERICAN OIL COMPANY OF TEXAS	KEELY C	048	EDDY	S:13, T:17S, R:29E		AP	Unknown	May 1971	Dec 1971	12.06
30-015-00000	GEN. AMERICAN	KEELY A	020	EDDY	S:13, T:17S, R:29E		AP	Unknown	Apr 1971	Dec 1971	15.29
					S:13,						

30-015-00000	GEN. AMERICAN	KEELY A	022	EDDY	T:17S, R:29E		AP	Unknown	May 1971	Dec 1971	21.71
30-015-00000	GEN. AMERICAN	KEELY A	021	EDDY	S:13, T:17S, R:29E		AP	Unknown	Apr 1971	Dec 1971	27.32
30-015-00000	GENERAL AMERICAN OIL COMPANY OF TEXAS	KEELY C	045	EDDY	S:13, T:17S, R:29E		AP	Unknown	Sep 1969	Dec 1969	27.39
30-015-00000	GEN. AMERICAN	KEELY A	017	EDDY	S:13, T:17S, R:29E		AP	Unknown	Feb 1971	Nov 1971	29.43
30-015-33799	MARBOB ENERGY CORP	BURCH KEELY UNIT NMNM188525X	390	EDDY	S:13, T:17S, R:29E	4,630	O	Active	Nov 2006	Nov 2006	37.93
30-015-00000	GENERAL AMERICAN OIL COMPANY OF TEXAS	KEELY C	049	EDDY	S:13, T:17S, R:29E		AP	Unknown	Jun 1971	Dec 1971	44.71

