

DATE IN 7.29.11	SUSPENSE	ENGINEER DB.	LOGGED IN 7.29.11	TYPE NSL	APP NO 1121055531
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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



C06
 229137
 Burek Neely V
 #557
 6452

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 ☒ 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

Date

(432) 685-4384
 Phone Number

kholly@conchoresources.com
 E-mail Address

1-18-175-30E

2011 JUL 29 A 10:53
 RECEIVED

Fed

7-28-11

**Burch Keely Unit #557
Eddy County, NM**

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

Non-Standard Location:

SHL: 1050' FNL & 990' FWL Sec 18, T17S, R29³⁰E, Unit 1

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

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 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 SW/4 NW/4 and SE/4 NW/4 of Section
18.

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 30-015-39316	Pool Code 28509	Pool Name Grayburg Jackson; SR-Q-G-SA
Property Code 308086	Property Name BURCH KEELY UNIT	Well Number 557
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3642'

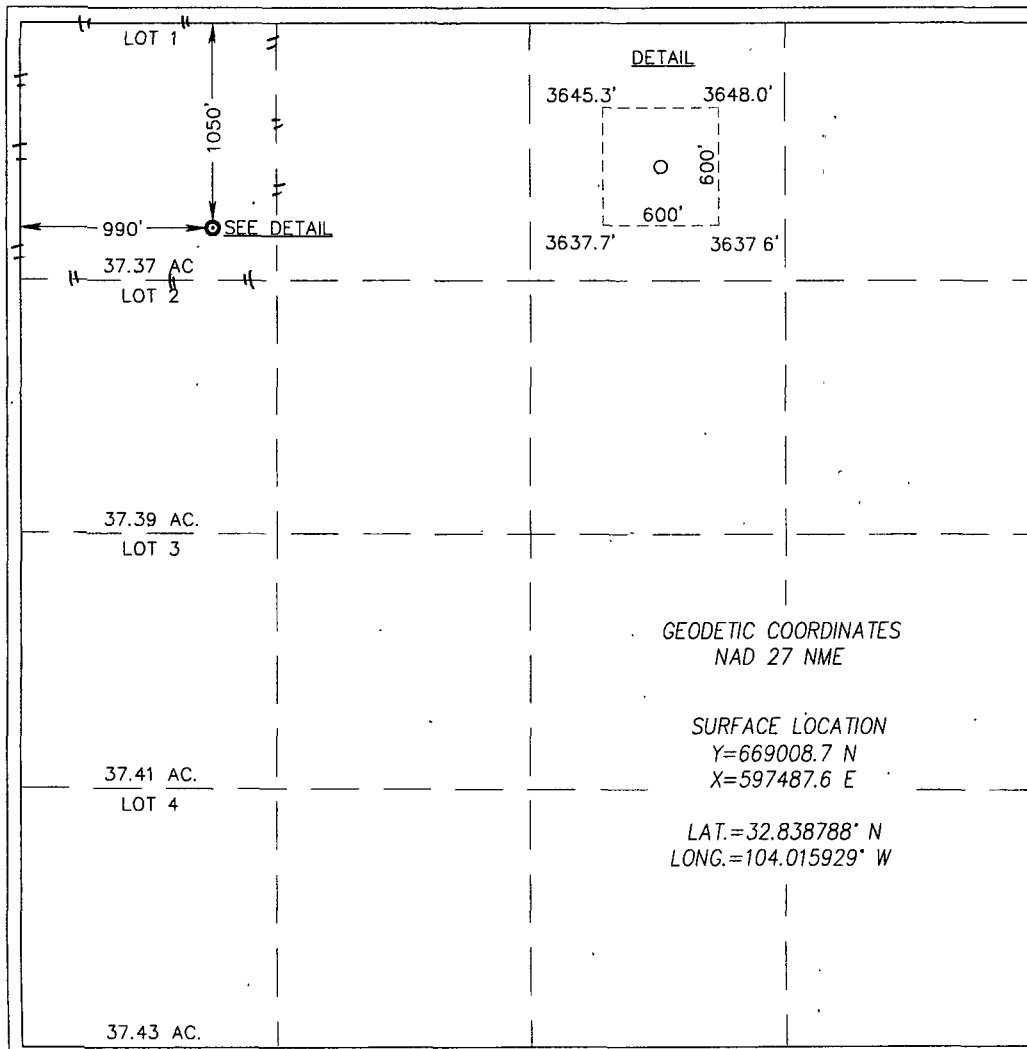
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	18	17-S	30-E		1050	NORTH	990	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.						

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.

 **5-23-11**
Signature Date

Kelly J. Holly

Printed Name

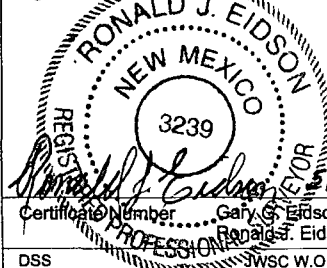
kholly@conchoresources.com
E-mail Address

SURVEYOR CERTIFICATION

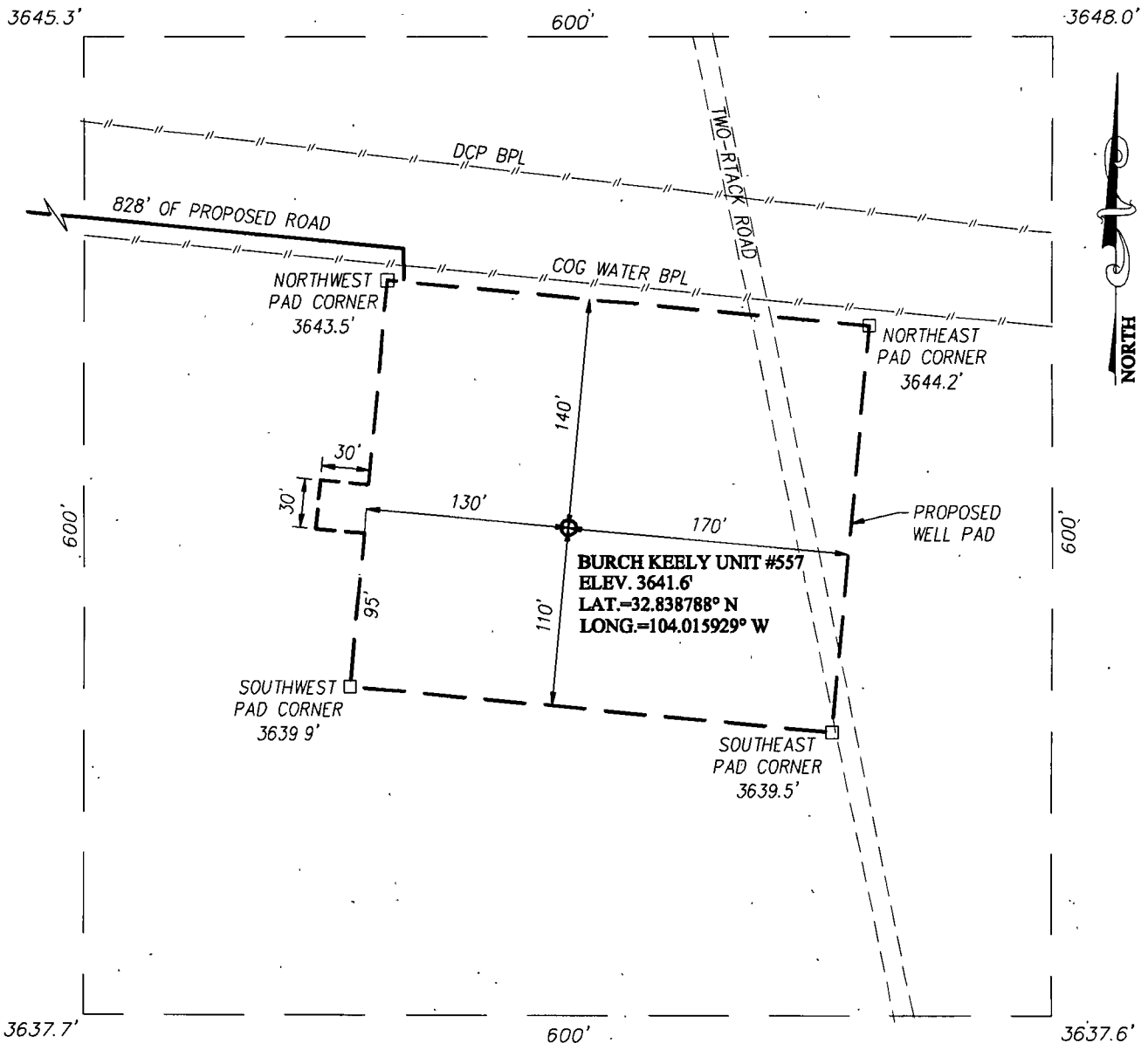
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

MAY 12, 2011

Date of Survey
Signature & Seal of Professional Surveyor:

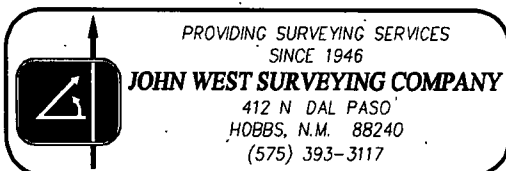
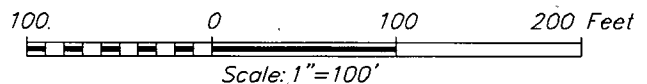

RONALD J. EIDSON
3239
Certificate Number **12641**
DSS **SWSC W.O. 11.11.0098**

SECTION 18, TOWNSHIP 17 SOUTH, RANGE 30 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. 1.2 MILES. TURN LEFT AND GO NORTH APPROX. 0.3 MILES TO A COG OPERATING WATER PIPELINE RIGHT-OF-WAY. TURN RIGHT AND FOLLOW PROPOSED ROAD SURVEY STAKES SOUTHEAST APPROX. 818 FEET TO THE PROPOSED WELL PAD.



COG OPERATING, LLC

BURCH KEELY UNIT #557 WELL
 LOCATED 1050 FEET FROM THE NORTH LINE
 AND 990 FEET FROM THE WEST LINE OF SECTION 18,
 TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M.,
 EDDY COUNTY, NEW MEXICO

Survey Date.	5/12/11	Sheet	1	of	1	Sheets
WO Number:	11.11.0098	Dr By:	DSS	Rev 1:	N/A	
Date:	5/16/11	Rel W.O.		11110098	Scale:	1"=100'

Producing Wells in Sec 18, T17S, R30E, Eddy County

API#	Operator	Lease	Well#	County	Legal	Total Depth	Well Type	Well Status	First Prod.	Last Prod.	Avg. (BO/D)
30-015-21658	MARBOB ENERGY CORP	BURCH KEELY UNIT	022	EDDY	S:18, T:17S, R:30E	3,300	O	Pumping	Jan 1993	Nov 2003	0.03
30-015-20623	MARBOB ENERGY CORP	BURCH KEELY UNIT	010	EDDY	S:18, T:17S, R:30E	3,600	O	Pumping	Jan 1979	Jun 1986	0.07
30-015-00000		BURCH AA FEDERAL	015	EDDY	S:18, T:17S, R:30E		O	Active	Feb 1958	Jun 1986	0.13
30-015-00000		BURCH B	031	EDDY	S:18, T:17S, R:30E		G	Active	Jan 1979	Dec 1993	0.16
30-015-00000	GRAYBURG OIL CO.	BURCH A	014	EDDY	S:18, T:17S, R:30E		O	Active	Jan 1948	May 1957	0.16
30-015-00000		BURCH A	017	EDDY	S:18, T:17S, R:30E		G	Active	May 1957	Feb 1960	0.17
30-015-00000		BURCH A	028	EDDY	S:18, T:17S, R:30E		G	Active	Jan 1979	Jun 1986	0.27
30-015-04189	MARBOB ENERGY CORP	BURCH KEELY UNIT	027	EDDY	S:18, T:17S, R:30E	11,422	O	Pumping	Jan 1979	May 2011	0.32
30-015-20417	MARBOB ENERGY CORP	BURCH KEELY UNIT	023	EDDY	S:18, T:17S, R:30E	11,200	O	Pumping	Jan 1979	May 2011	0.39
30-015-20571	MARBOB ENERGY CORP	BURCH KEELY UNIT	026	EDDY	S:18, T:17S, R:30E	99,999	O	Active	Jan 1979	Oct 2001	0.42
30-015-20443	MARBOB ENERGY CORP	BURCH KEELY UNIT	011	EDDY	S:18, T:17S, R:30E	3,326	O	Temporarily Abandoned	Jan 1979	Jun 1986	0.47
30-015-00000		BURCH B	026	EDDY	S:18, T:17S, R:30E		G	Active	Jan 1979	Jun 1986	0.47
30-015-00000		BURCH B	023	EDDY	S:18, T:17S, R:30E		G	Active	Jul 1971	Jun 1986	0.47
30-015-00000		BURCH A	016	EDDY	S:18, T:17S, R:30E		O	Active	Jan 1950	May 1986	0.55
30-015-00000		BURCH A	016	EDDY	S:18, T:17S, R:30E		O	Active	Jan 1959	Dec 1977	0.61
					S:18,						

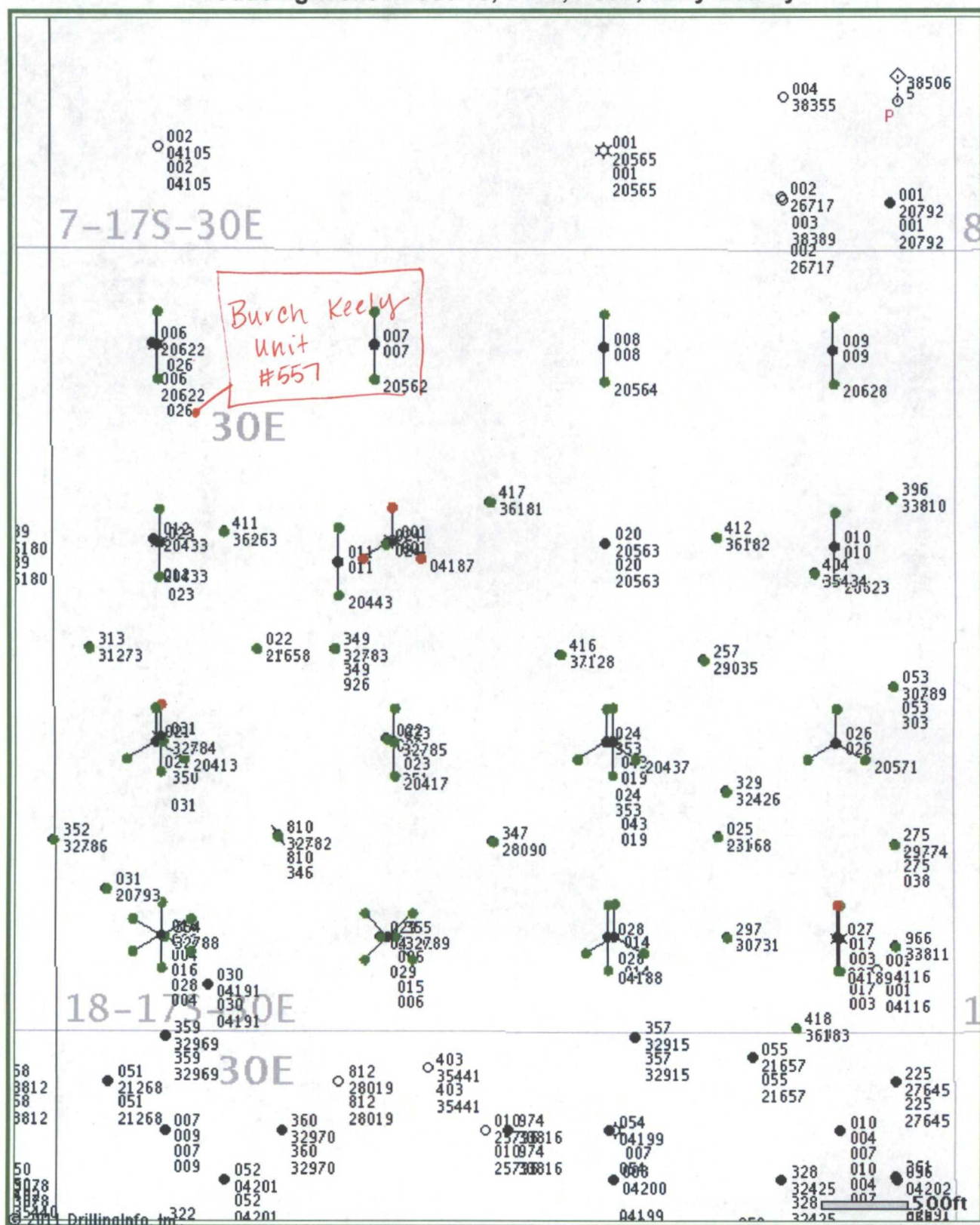
30-015-20437	MARBOB ENERGY CORP	BURCH KEELY UNIT	024	EDDY	T:17S, R:30E	3,900	O	Pumping	Jan 1979	May 2011	0.68
30-015-23168	MARBOB ENERGY CORP	BURCH KEELY UNIT	025	EDDY	S:18, T:17S, R:30E	3,600	O	Pumping	Jan 1993	May 2011	0.81
30-015-20562	MARBOB ENERGY CORP	BURCH KEELY UNIT	007	EDDY	S:18, T:17S, R:30E	3,900	O	Temporarily Abandoned	Jan 1979	Jun 1986	0.90
30-015-20413	MARBOB ENERGY CORP	BURCH KEELY UNIT	021	EDDY	S:18, T:17S, R:30E	3,300	O	Pumping	Jan 1993	May 2011	0.97
30-015-32786	MARBOB ENERGY CORP	BURCH KEELY UNIT	352	EDDY	S:18, T:17S, R:30E	4,662	O	Active	Nov 2003	May 2011	1.03
30-015-00000	GENERAL AMERICAN OIL COMPANY OF TEXAS	BURCH A	014	EDDY	S:18, T:17S, R:30E		O	Active	Jan 1947	Aug 1959	1.23
30-015-00000		BURCH C	043	EDDY	S:18, T:17S, R:30E		G	Active	Mar 1981	Dec 1993	1.35
30-015-20564	MARBOB ENERGY CORP	BURCH KEELY UNIT	008	EDDY	S:18, T:17S, R:30E	3,615	O	Pumping	May 1972	Dec 1977	1.58
30-015-20413		BURCH B	021	EDDY	S:18, T:17S, R:30E	3,300	O	Pumping	Jan 1976	Dec 1977	1.74
30-015-20413		BURCH B	021	EDDY	S:18, T:17S, R:30E	3,300	O	Pumping	May 1971	Dec 1993	1.77
30-015-20571	MARBOB ENERGY CORP	BURCH KEELY UNIT	026	EDDY	S:18; T:17S, R:30E	99,999	O	Active	Jan 1993	Dec 1993	2.00
30-015-20443	MARBOB ENERGY CORP	BURCH KEELY UNIT	011	EDDY	S:18, T:17S, R:30E	3,326	O	Temporarily Abandoned	Jan 1972	Dec 1977	2.06
30-015-20793	MARBOB ENERGY CORP	BURCH KEELY UNIT	031	EDDY	S:18, T:17S, R:30E		O	Temporarily Abandoned	Jun 1996	May 2011	2.06
30-015-29035	MARBOB ENERGY CORP	BURCH KEELY UNIT	257	EDDY	S:18, T:17S, R:30E	4,875	O	Pumping	Sep 1996	May 2011	2.06
30-015-31273	MARBOB ENERGY CORP	BURCH KEELY UNIT	313	EDDY	S:18, T:17S, R:30E	4,675	O	Pumping	Dec 2000	May 2011	2.06
30-015-00000		BURCH B	026	EDDY	S:18, T:17S, R:30E		G	Active	Jun 1972	Dec 1977	2.06
30-015-04188	MARBOB ENERGY CORP	BURCH KEELY UNIT	028	EDDY	S:18, T:17S, R:30E	0	O	Temporarily Abandoned	Jan 1979	May 2011	2.29
					S:18;						

30-015-30731	MARBOB ENERGY CORP	BURCH KEELY UNIT	297	EDDY	T:17S, R:30E	4,730	O	Pumping	Oct 1999	May 2011	2.29
30-015-20623	MARBOB ENERGY CORP	BURCH KEELY UNIT	010	EDDY	S:18, T:17S, R:30E	3,600	O	Pumping	Jun 1972	Dec 1977	2.42
30-015-20628	MARBOB ENERGY CORP	BURCH KEELY UNIT	009	EDDY	S:18, T:17S, R:30E	0	O	Pumping	Jan 1979	Dec 1999	2.55
30-015-32787	MARBOB ENERGY CORP	BURCH KEELY UNIT	353	EDDY	S:18, T:17S, R:30E	4,730	O	Active	Oct 2003	May 2011	2.58
30-015-20437	MARBOB ENERGY CORP	BURCH KEELY UNIT	024	EDDY	S:18, T:17S, R:30E	3,900	O	Pumping	Jan 1972	Dec 1977	2.61
30-015-00000	PRORATION UNIT G-1	BURCH A	016	EDDY	S:18, T:17S, R:30E		O	Active	May 1948	Dec 1957	2.74
30-015-04190	MARBOB ENERGY CORP	BURCH KEELY UNIT	029	EDDY	S:18, T:17S, R:30E	0	O	Temporarily Abandoned	Aug 1996	May 2011	2.87
30-015-35434	MARBOB ENERGY CORP	BURCH KEELY UNIT	404	EDDY	S:18, T:17S, R:30E	4,720	O	Active Permit	Sep 2007	May 2011	2.87
30-015-20417	MARBOB ENERGY CORP	BURCH KEELY UNIT	023	EDDY	S:18, T:17S, R:30E	11,200	O	Pumping	Jan 1972	Dec 1977	3.03
30-015-00000		BURCH A	028	EDDY	S:18, T:17S, R:30E		G	Active	Apr 1973	Dec 1977	3.03
30-015-29774	MARBOB ENERGY CORP	BURCH KEELY UNIT	275	EDDY	S:18, T:17S, R:30E	4,748	O	Pumping	Dec 1997	May 2011	3.06
30-015-00000		BURCH B	023	EDDY	S:18, T:17S, R:30E		G	Active	Jul 1971	Dec 1977	3.10
30-015-20564	MARBOB ENERGY CORP	BURCH KEELY UNIT	008	EDDY	S:18, T:17S, R:30E	3,615	O	Pumping	Jan 1979	Feb 2011	3.32
30-015-33810	MARBOB ENERGY CORP	BURCH KEELY UNIT	396	EDDY	S:18, T:17S, R:30E	4,800	PO	Active	Dec 2006	May 2011	3.42
30-015-20562	MARBOB ENERGY CORP	BURCH KEELY UNIT	007	EDDY	S:18, T:17S, R:30E	3,900	O	Temporarily Abandoned	Feb 1972	Dec 1977	3.58
30-015-32788	MARBOB ENERGY CORP	BURCH KEELY UNIT	354	EDDY	S:18, T:17S, R:30E	4,719	O	Active	Sep 2003	May 2011	3.58
30-015-32783	MARBOB ENERGY CORP	BURCH KEELY UNIT	349	EDDY	S:18, T:17S, R:30E	4,710	O	Active	Nov 2003	May 2011	3.58
					S:18,						

30-015-20571		BURCH KEELY UNIT	026	EDDY	T:17S, R:30E	99,999	O	Active	Feb 1972	Dec 1977	3.71
30-015-32426	MARBOB ENERGY CORP	BURCH KEELY UNIT	329	EDDY	S:18, T:17S, R:30E	4,825	O	Active	Nov 2002	May 2011	4.10
30-015-32784	MARBOB ENERGY CORP	BURCH KEELY UNIT	350	EDDY	S:18, T:17S, R:30E	4,710	O	Active	Sep 2003	May 2011	4.10
30-015-20628	MARBOB ENERGY CORP	BURCH KEELY UNIT	009	EDDY	S:18, T:17S, R:30E	0	O	Pumping	Aug 1972	Dec 1977	4.23
30-015-33811	MARBOB ENERGY CORP	BURCH KEELY UNIT	966	EDDY	S:18, T:17S, R:30E	4,760	O	Active	Aug 2005	May 2011	4.61
30-015-32785	MARBOB ENERGY CORP	BURCH KEELY UNIT	351	EDDY	S:18, T:17S, R:30E	4,710	O	Active	Sep 2003	May 2011	5.13
30-015-04188	MARBOB ENERGY CORP	BURCH KEELY UNIT	028	EDDY	S:18, T:17S, R:30E	0	O	Temporarily Abandoned	Sep 1973	Dec 1977	5.52
30-015-00000	PRORATION UNIT G-1	BURCH A	015	EDDY	S:18, T:17S, R:30E		O	Active	Mar 1948	Dec 1949	5.97
30-015-04189	MARBOB ENERGY CORP	BURCH KEELY UNIT	027	EDDY	S:18, T:17S, R:30E	11,422	O	Pumping	Aug 1973	Dec 1977	6.00
30-015-00000		BURCH B	031	EDDY	S:18, T:17S, R:30E		G	Active	Mar 1976	Dec 1977	6.10
30-015-00000		BURCH A	014	EDDY	S:18, T:17S, R:30E		O	Active	Jan 1949	Dec 1958	6.45
30-015-28090	MARBOB ENERGY CORP	BURCH KEELY UNIT	347	EDDY	S:18, T:17S, R:30E	4,705	O	Active	Sep 2003	May 2011	6.68
30-015-32782	MARBOB ENERGY CORP	BURCH KEELY UNIT	346	EDDY	S:18, T:17S, R:30E	4,715	O	Active	Dec 2003	May 2011	7.19
30-015-32789	MARBOB ENERGY CORP	BURCH KEELY UNIT	355	EDDY	S:18, T:17S, R:30E	4,740	O	Active	Sep 2003	May 2011	9.74
30-015-04187	GENERAL AMERICAN OIL COMPANY OF TEXAS	GRAYB. DEEP U.	001	EDDY	S:18, T:17S, R:30E	0	G	Flowing	Jan 1957	Dec 1962	12.42
30-015-36181	COG OPERATING LLC	BURCH KEELY UNIT	417	EDDY	S:18, T:17S, R:30E	5,000	O	Active Permit	Dec 2010	May 2011	13.35
30-015-00000	GEN AMERICAN	BURCH A	015	EDDY	S:18, T:17S, R:30E		O	Active	Jan 1965	Dec 1971	13.77
					S:18,						

30-015-00000	SOUTHERN PRODUCTION	TURNER A	004	EDDY	T:17S, R:30E		O	Active	Jan 1947	Dec 1953	14.35
30-015-00000	GREAT WESTERN DRILLING COMPANY	GRAY DEEP	003	EDDY	S:18, T:17S, R:30E		O	Active	Jul 1956	Sep 1956	15.00
30-015-00000	SOUTHER PRODUCTION	TURNER A	006	EDDY	S:18, T:17S, R:30E		O	Active	Jan 1947	Dec 1953	15.35
30-015-36182	COG OPERATING LLC	BURCH KEELY UNIT	412	EDDY	S:18, T:17S, R:30E	5,000	O	Active Permit	Nov 2010	May 2011	22.58
30-015-37128	COG OPERATING LLC	BURCH KEELY UNIT	416	EDDY	S:18, T:17S, R:30E	5,060	O	Active Permit	Jan 2011	May 2011	41.06
30-015-36263	COG OPERATING LLC	BURCH KEELY UNIT	411	EDDY	S:18, T:17S, R:30E	5,100	O	Active Permit	Oct 2010	May 2011	43.61
30-015-00000	GENERAL AMERICAN OIL COMPANY OF TEXAS	BURCH C	019	EDDY	S:18, T:17S, R:30E		AP	Unknown	Jun 1971	Dec 1971	43.71
30-015-36183	COG OPERATING LLC	BURCH KEELY UNIT	418	EDDY	S:18, T:17S, R:30E	4,961	O	Active Permit	Jan 2011	May 2011	45.77
30-015-00000	GENERAL AMERICAN OIL COMPANY OF TEXAS	BURCH B	022	EDDY	S:18, T:17S, R:30E		AP	Unknown	May 1971	Dec 1971	52.90
30-015-00000	GENERAL AMERICAN OIL COMPANY OF TEXAS	BURCH B	024	EDDY	S:18, T:17S, R:30E		AP	Unknown	Jun 1971	Dec 1971	54.42
30-015-04187	GREAT WESTERN DRILLING COMPANY	GRAYBURG DEEP U.	001	EDDY	S:18, T:17S, R:30E	0	G	Flowing	Aug 1955	Dec 1956	131.35
30-015-04187	CONOCOPHILLIPS COMPANY	GRAYBURG DEEP UNIT	001	EDDY	S:18, T:17S, R:30E	0	G	Flowing	Jan 1958	Jun 2010	
30-015-30789	MARBOB ENERGY CORP	BURCH KEELY UNIT	303	EDDY	S:18, T:17S, R:30E	4,703	O	Pumping	Jul 2000	May 2011	

Producing Wells in Sec 18, T17S, R30E, Eddy County



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COG Operating LLC
Operator
Sec. 18, Unit D-NWNW
T-17S-R-30E, Eddy County, NM
Well Name: Burch Keely #557
Lease # NMLC-0-028784B

