

DATE IN 2/11/09	SUSPENSE	ENGINEER D. Brooks	LOGGED IN 2/11/09	TYPE NSL	PKAA 090425 4848
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ABOVE THIS LINE FOR DIVISION USE ONLY

RECEIVED
NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 2009 FEB 11 1220 South St. Francis Drive, Santa Fe, NM 87505



30-D15
 Skelly Unit 635
 COG Operating LLC
 229137
 6005

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]
 [PG-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 INTERESTS 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

2/10/09
 Date

rododm@conchoresources.com
 e-mail Address

**Skelly Unit #635
Eddy County, NM**

Fren; Glorieta Yeso oil well
TD of approximately 6800'
Non-standard location

1565' FSL & 2220' FWL Sec 15, T17S, R31E, Unit K

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

The plan for this well is to complete it in the Yeso formation.
We won't know the exact perms until we drill & log it, but it will be similar to the

Willow State #8
330 FSL & 1650 FEL, Section 16, T17S, R31E, UL O
drilled in March 2006

The Willow State #8 Yeso completion has overall perforations from 5380.5' – 5845.5', but is divided into 2 perf/stimulation intervals. At this time, we assume the Skelly Unit 634 will be very similar.

1st Interval: 5650' – 5845.5', 67 total holes.
acidized w/ 2265 gals acid,
frac'd w/ 8000# LiteProp, 30,000 gals 30# gel, 54,663 gals 40# gel, & 90,560#
16/30 sand

2nd Interval: 5380.5' – 5544', 56 total holes.
acidized w/ 2550 gals acid,
frac'd w/ 8006# LiteProp, 30,000 gals 30# gel, 53,000 gals 40# gel, & 91,740#
16/30 sand

Attachment 1

Plat and map

Attachment 2

Map and legend of offset wells.

Attachment 3

Updated land plat showing that
COG Operating LLC owns offset acreage.
The acreage we are encroaching on is the SE/4 SW/4 of Section 15.

Interests are common.

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

1625 N. FRENCH DR., HOBBS, NM 88240

Energy, Minerals and Natural Resources Department

Form C-102

1201 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION

Revised October 12, 2005
Submit to Appropriate District Office

1000 Rio Braxos Rd., Aztec, NM 87410

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

State Lease - 4 Copies
 Fee Lease - 3 Copies

1220 S. ST. FRANCIS DR., SANTA FE, NM 87506

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-		Pool Code 26770	Pool Name FREN; GLORIETA-YESO
Property Code 305607	Property Name SKELLY UNIT		Well Number 635
OGRID No. 229137	Operator Name COG OPERATING, LLC		Elevation 3864'

Surface Location

UL of Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	15	17-S	31-E		1565	SOUTH	2220	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

GEODETIC COORDINATES
NAD 27 NME

Y=666555.4 N
X=645902.1 E

LAT.=32.831546° N
LONG.=103.858339° W

3869.1' 3868.1'

600'

800'

2220'

3862.4' 3863.5'

1565'

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.

Signature Robyn Odum Date 2/10/2009

Printed Name Robyn Odum

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.

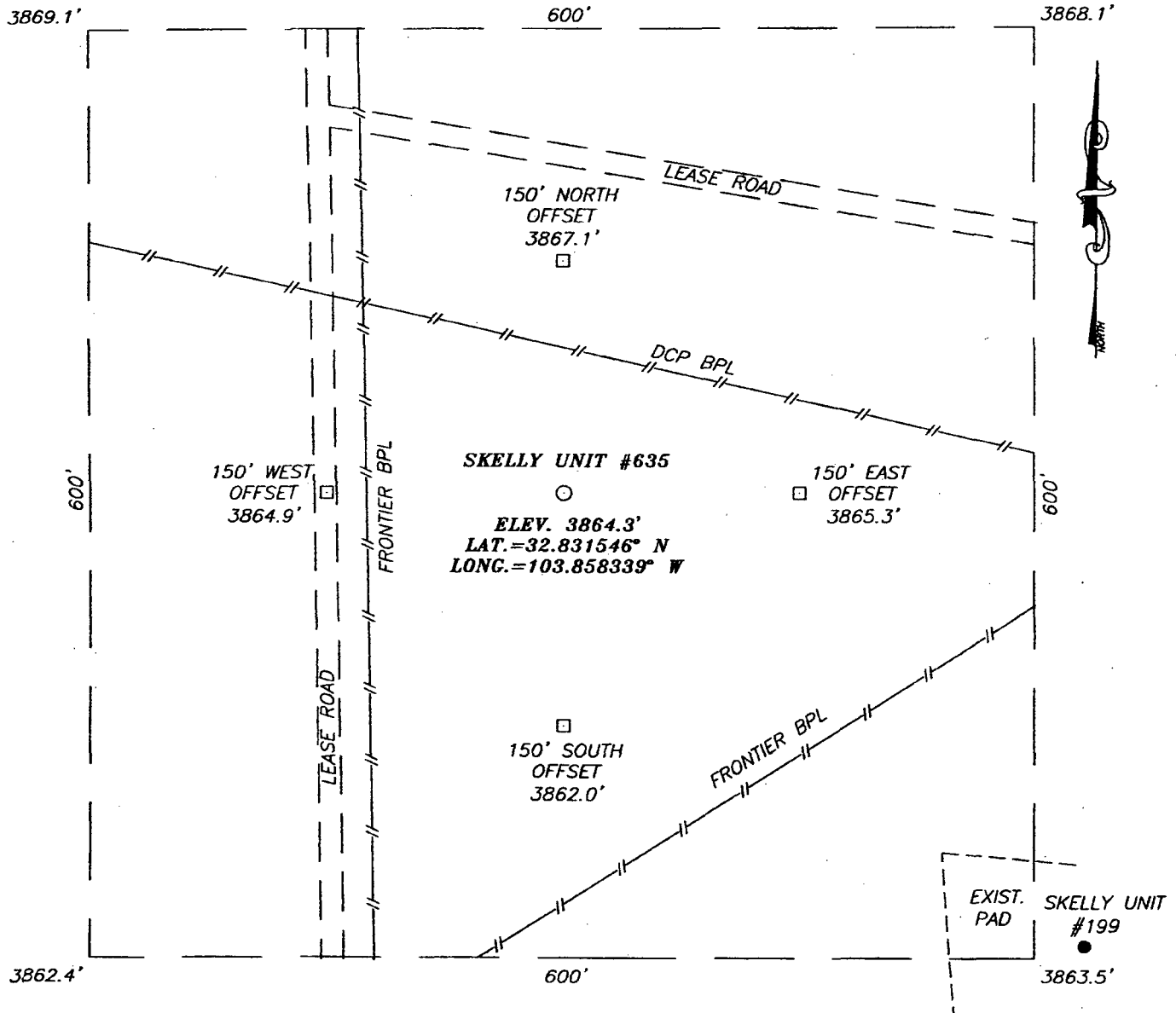
GARY G. EIDSON
FEBRUARY 25 2009

Date Surveyed 2/5/09

Signature & Seal of Professional Surveyor Gary G. Eidson

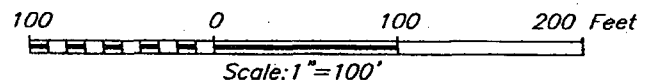
Certificate No. GARY EIDSON 12841
RONALD J. EIDSON 3239

SECTION 15, TOWNSHIP 17 SOUTH, RANGE 31 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF U.S. HWY. #82 AND CO. RD. #223 (SWEET GUM RD.), GO NORTHWEST ON CO. RD. #223 APPROX. 0.9 MILES. TURN RIGHT AND GO EAST APPROX. 0.5 MILES. VEER LEFT AND GO NORTHEAST APPROX. 0.3 MILES. VEER RIGHT AND GO EAST APPROX. 0.3 MILES. TURN LEFT AND GO NORTH APPROX. 0.2 MILES. THIS LOCATION IS APPROX. 150 FEET EAST.



COG OPERATING, LLC

SKELLY UNIT #635 WELL
 LOCATED 1565 FEET FROM THE SOUTH LINE
 AND 2220 FEET FROM THE WEST LINE OF SECTION 15,
 TOWNSHIP 17 SOUTH, RANGE 31 EAST, N.M.P.M.,
 EDDY COUNTY, NEW MEXICO.

Survey Date: 2/2/09	Sheet 1 of 1 Sheets
W.O. Number: 08.11.1999	Dr By: LA
Date: 2/4/09	08111999
	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 Skelly Unit #635

API#	Operator	Lease	Well#	County	Legal	First Prod.	Last Prod.	Field Name	Reservoir Name	Total Depth	Well Type	Well Status
30-015-05150	WISER OIL CO (THE)	SKELLY UNIT	031	EDDY	S:15, T:17S, R:31E	Jan 1971	Dec 1996	GRAYBURG JACKSON	SR-Q-G-SA	3,800	O	Shut-in
30-015-05150	WISER OIL CO (THE)	SKELLY UNIT	031	EDDY	S:15, T:17S, R:31E	Jan 1967	Dec 1977	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		3,800	O	Shut-in
30-015-05151	FOREST OIL CORP	SKELLY UNIT	029	EDDY	S:15, T:17S, R:31E	Jan 1971	Mar 2008	GRAYBURG JACKSON	SR-Q-G-SA	3,717	G	Active
30-015-05151	WISER OIL CO (THE)	SKELLY UNIT	029	EDDY	S:15, T:17S, R:31E	Jan 1967	Dec 1977	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		3,717	G	Active
30-015-05152	WISER OIL CO (THE)	SKELLY UNIT	001	EDDY	S:15, T:17S, R:31E			GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		3,692	G	Active
30-015-05152	FOREST OIL CORP	SKELLY UNIT	001	EDDY	S:15, T:17S, R:31E	Jan 2001	Jun 2004	GRAYBURG JACKSON	SR-Q-G-SA	3,692	G	Active
30-015-05152	WISER OIL CO (THE)	SKELLY UNIT	001	EDDY	S:15, T:17S, R:31E	Jun 1968	Sep 1968	FREN	PENN (GAS)	3,692	G	Active
30-015-05153	FOREST OIL CORP	SKELLY UNIT	017	EDDY	S:15, T:17S, R:31E	Jan 1971	May 2004	GRAYBURG JACKSON	SR-Q-G-SA	0	I	Injection Well
30-015-05153	WISER OIL CO (THE)	SKELLY UNIT	017	EDDY	S:15, T:17S, R:31E	Jan 1967	Dec 1977	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		0	I	Injection Well
30-015-05154	WISER OIL CO (THE)	SKELLY UNIT	018	EDDY	S:15, T:17S, R:31E	Jan 1967	Dec 1977	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		0	G	Active
30-015-05154	FOREST OIL CORP	SKELLY UNIT	018	EDDY	S:15, T:17S, R:31E	Jan 1969	May 2004	GRAYBURG JACKSON	SR-Q-G-SA	0	G	Active
30-015-05155	FOREST OIL CORP	SKELLY UNIT	019	EDDY	S:15, T:17S, R:31E	Jan 2001	Jun 2004	GRAYBURG JACKSON	SR-Q-G-SA	0	I	Injection Well
30-015-05155	WISER OIL CO (THE)	SKELLY UNIT	019	EDDY	S:15, T:17S, R:31E	Jan 1967	Dec 1967	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		0	I	Injection Well
30-015-05156	WISER OIL CO (THE)	SKELLY UNIT	028	EDDY	S:15, T:17S, R:31E	Jan 1967	Dec 1977	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		0	I	Injection Well

30-015-05156	FOREST OIL CORP	SKELLY UNIT	028	EDDY	T:17S, R:31E	Jan 1969	Mar 2008	GRAYBURG JACKSON	SR-Q-G-SA	0	I	Injection Well
30-015-05157	FOREST OIL CORP	SKELLY UNIT	026	EDDY	S:15, T:17S, R:31E	Jan 2001	Sep 2006	GRAYBURG JACKSON	SR-Q-G-SA	0	G	Active
30-015-05157	WISER OIL CO (THE)	SKELLY UNIT	026	EDDY	S:15, T:17S, R:31E	Jan 1967	Dec 1967	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		0	G	Active
30-015-05158	WISER OIL CO (THE)	SKELLY UNIT	021	EDDY	S:15, T:17S, R:31E	Jan 1967	Dec 1967	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		0	G	Flowing
30-015-05158	FOREST OIL CORP	SKELLY UNIT	021	EDDY	S:15, T:17S, R:31E	Jan 2001	Oct 2005	GRAYBURG JACKSON	SR-Q-G-SA	0	G	Flowing
30-015-05159	FOREST OIL CORP	SKELLY UNIT	027	EDDY	S:15, T:17S, R:31E	Jan 1971	Jun 2004	GRAYBURG JACKSON	SR-Q-G-SA	0	I	Pumping
30-015-05159	WISER OIL CO (THE)	SKELLY UNIT	027	EDDY	S:15, T:17S, R:31E	Jan 1967	Dec 1977	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		0	I	Pumping
30-015-05160	FOREST OIL CORP	SKELLY UNIT	025	EDDY	S:15, T:17S, R:31E	Jan 1971	Jun 2004	GRAYBURG JACKSON	SR-Q-G-SA	0	G	Active
30-015-05160	WISER OIL CO (THE)	SKELLY UNIT	025	EDDY	S:15, T:17S, R:31E	Jan 1967	Dec 1977	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		0	G	Active
30-015-05161	FOREST OIL CORP	SKELLY UNIT	020	EDDY	S:15, T:17S, R:31E	Jan 1971	Jul 2008	GRAYBURG JACKSON	SR-Q-G-SA	0	G	Active
30-015-05161	WISER OIL CO (THE)	SKELLY UNIT	020	EDDY	S:15, T:17S, R:31E	Jan 1967	Dec 1977	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		0	G	Active
30-015-05162	WISER OIL CO (THE)	SKELLY UNIT	032	EDDY	S:15, T:17S, R:31E	Jan 1967	Dec 1967	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		0	I	Injection Well
30-015-05162	FOREST OIL CORP	SKELLY UNIT	032	EDDY	S:15, T:17S, R:31E	Jan 2001	Jun 2004	GRAYBURG JACKSON	SR-Q-G-SA	0	I	Injection Well
30-015-10774	WISER OIL CO (THE)	SKELLY UNIT	030	EDDY	S:15, T:17S, R:31E	Jan 1967	Dec 1967	GRAYBURG JACKSON	SR-Q-G-SA	3,906	G	Active
30-015-20366	FOREST OIL CORP	SKELLY UNIT	106	EDDY	S:15, T:17S, R:31E	Feb 1971	May 2004	GRAYBURG JACKSON	SR-Q-G-SA	3,651	I	Injection Well
30-015-20366	WISER OIL CO (THE)	SKELLY UNIT	106	EDDY	S:15, T:17S, R:31E	Jan 1972	Dec 1977	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		3,651	I	Injection Well

30-015-20406	FOREST OIL CORP	SKELLY UNIT	108	EDDY	S:15, T:17S, R:31E	Apr 1971	May 2004	GRAYBURG JACKSON	SR-Q-G-SA	3,804	I	Injection Well
30-015-20406	WISER OIL CO (THE)	SKELLY UNIT	108	EDDY	S:15, T:17S, R:31E	Jan 1972	Dec 1977	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		3,804	I	Injection Well
30-015-20468	FOREST OIL CORP	SKELLY UNIT	109	EDDY	S:15, T:17S, R:31E	Sep 1971	Jun 2004	GRAYBURG JACKSON	SR-Q-G-SA	3,920	I	Injection Well
30-015-20468	WISER OIL CO (THE)	SKELLY UNIT	109	EDDY	S:15, T:17S, R:31E	Jan 1972	Dec 1977	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		3,920	I	Injection Well
30-015-22260	FOREST OIL CORP	SKELLY UNIT	126	EDDY	S:15, T:17S, R:31E	Jan 1993	Jul 2008	GRAYBURG JACKSON	SR-Q-G-SA	2,530	O	Active
30-015-22261	FOREST OIL CORP	SKELLY UNIT	127	EDDY	S:15, T:17S, R:31E	Jan 1993	Aug 2004	GRAYBURG JACKSON	SR-Q-G-SA	2,503	I	Injection Well
30-015-22483	FOREST OIL CORP	SKELLY UNIT	150	EDDY	S:15, T:17S, R:31E	Jan 1993	Jul 2008	GRAYBURG JACKSON	SR-Q-G-SA	2,630	O	Pumping
30-015-28965	FOREST OIL CORP	SKELLY UNIT	181	EDDY	S:15, T:17S, R:31E	Oct 1996	Feb 2003	GRAYBURG JACKSON	SR-Q-G-SA	3,950	O	Shut-in
30-015-28972	FOREST OIL CORP	SKELLY UNIT	199	EDDY	S:15, T:17S, R:31E	Nov 1996	Jul 2008	GRAYBURG JACKSON	SR-Q-G-SA	4,000	O	Pumping
30-015-28998	FOREST OIL CORP	SKELLY UNIT	200	EDDY	S:15, T:17S, R:31E	Dec 1996	Jul 2008	GRAYBURG JACKSON	SR-Q-G-SA	4,000	O	Pumping
30-015-29013	FOREST OIL CORP	SKELLY UNIT	198	EDDY	S:15, T:17S, R:31E	Dec 1996	Jul 2008	GRAYBURG JACKSON	SR-Q-G-SA	4,000	O	Pumping
30-015-29092	FOREST OIL CORP	SKELLY UNIT	211	EDDY	S:15, T:17S, R:31E	Dec 1996	Jul 2008	GRAYBURG JACKSON	SR-Q-G-SA	4,000	O	Pumping
30-015-29203	FOREST OIL CORP	SKELLY UNIT	180	EDDY	S:15, T:17S, R:31E	Jan 1997	Jul 2008	GRAYBURG JACKSON	SR-Q-G-SA	3,950	O	Active
30-015-29204	FOREST OIL CORP	SKELLY UNIT	182	EDDY	S:15, T:17S, R:31E	Feb 1997	Jul 2008	GRAYBURG JACKSON	SR-Q-G-SA	3,950	O	Pumping
30-015-29206	FOREST OIL CORP	SKELLY UNIT	189	EDDY	S:15, T:17S, R:31E	Feb 1997	Jul 2008	GRAYBURG JACKSON	SR-Q-G-SA	3,925	O	Pumping
30-015-29207	FOREST OIL CORP	SKELLY UNIT	190	EDDY	S:15, T:17S, R:31E	Dec 1996	Jul 2008	GRAYBURG JACKSON	SR-Q-G-SA	3,900	O	Pumping

30-015-29312	FOREST OIL CORP	SKELLY UNIT	191 EDDY	S:15, T:17S, R:31E	Mar 1997	Jul 2008	GRAYBURG JACKSON	SR-Q-G-SA	3,900	O	Pumping
30-015-29313	FOREST OIL CORP	SKELLY UNIT	192 EDDY	S:15, T:17S, R:31E	Apr 1997	Jul 2008	GRAYBURG JACKSON	SR-Q-G-SA	3,950	O	Pumping
30-015-29322	CHEVRON USA, INC.	SKELLY UNIT	902 EDDY	S:15, T:17S, R:31E	May 1997	Jan 2000	FREN	MORROW	12,300	G	Active
30-015-29322	CHEVRON USA, INC.	SKELLY UNIT	902 EDDY	S:15, T:17S, R:31E	Feb 2000	Nov 2008	HENSHAW	WOLFCAMP, SE (O)	12,300	G	Active
30-015-22531		SKELLY UNIT	153 EDDY	S:15, T:17S, R:31E	Feb 1990	Aug 1990	FREN	SEVEN RIVERS	6,350	O	Active
30-015-22532		SKELLY UNIT	154 EDDY	S:15, T:17S, R:31E	Jan 1991	Aug 1991	FREN	SEVEN RIVERS	2,650	O	Active
30-015-22494		SKELLY UNIT	151 EDDY	S:15, T:17S, R:31E	Apr 1991	Apr 1991	FREN	SEVEN RIVERS	2,600	O	Active
30-015-22495		SKELLY UNIT	152 EDDY	S:15, T:17S, R:31E			FREN	SEVEN RIVERS	2,550	O	Active
30-015-32968	CHEVRON USA, INC.	SKELLY UNIT	949 EDDY	S:15, T:17S, R:31E	Mar 2005	Nov 2008	FREN	PADDOCK	5,350	O	Active
30-015-32967	CHEVRON USA, INC.	SKELLY UNIT	948 EDDY	S:15, T:17S, R:31E	Mar 2005	Nov 2008	FREN	PADDOCK	5,350	O	Active
30-015-32968	CHEVRON USA, INC.	SKELLY UNIT	949 EDDY	S:15, T:17S, R:31E			FREN	MORROW	5,350	O	Active
30-015-32967	CHEVRON USA, INC.	SKELLY UNIT	948 EDDY	S:15, T:17S, R:31E			FREN	MORROW	5,350	O	Active
30-015-00000	SKELLY OIL COMPANY	DOW	003 EDDY	S:15, T:17S, R:31E	Aug 1954	Dec 1956	EDDY COUNTY WILDCATS			G	Active
30-015-00000	SKELLY OIL CO	DOW A BTRY 1	001 EDDY	S:15, T:17S, R:31E	Jan 1950	Dec 1966	GRAYBURG JACKSON QUEEN GBR S A CTD			G	Active
30-015-00000	SKELLY OIL CO	DOW A BTRY 1	002 EDDY	S:15, T:17S, R:31E	Jan 1947	Dec 1966	GRAYBURG JACKSON QUEEN GBR S A CTD			G	Active
30-015-00000	SKELLY OIL CO	DOW A BTRY 1	013 EDDY	S:15, T:17S, R:31E	Nov 1961	Dec 1966	GRAYBURG JACKSON QUEN GBR S A CTD			G	Active

30-015-00000	SKELLY OIL CO	DOW A FED	004	EDDY	S:15, T:17S, R:31E	Aug 1959	Dec 1966	GRAYBURG JACKSON QUEEN GBR S A CTD	G	Active		
30-015-00000	SKELLY OIL CO	DOW A FED	005	EDDY	S:15, T:17S, R:31E	Sep 1959	Dec 1966	GRAYBURG JACKSON QUEEN GBR S A CTD	G	Active		
30-015-00000	SKELLY OIL CO	DOW A FED	006	EDDY	S:15, T:17S, R:31E	Oct 1960	Dec 1966	GRAYBURG JACKSON QUEEN GBR S A CTD	G	Active		
30-015-00000	SKELLY OIL CO	DOW A FED	007	EDDY	S:15, T:17S, R:31E	Mar 1961	Dec 1966	GRAYBURG JACKSON QUEEN GBR S A CTD	G	Active		
30-015-00000	SKELLY OIL CO	DOW A FED	008	EDDY	S:15, T:17S, R:31E	Mar 1961	Dec 1966	GRAYBURG JACKSON QUEEN GBR S A CTD	G	Active		
30-015-00000	SKELLY OIL CO	DOW A FED	009	EDDY	S:15, T:17S, R:31E	Jun 1961	Dec 1966	GRAYBURG JACKSON QUEEN GBR S A CTD	G	Active		
30-015-00000	SKELLY OIL CO	DOW A FED	010	EDDY	S:15, T:17S, R:31E	Jul 1961	Dec 1966	GRAYBURG JACKSON QUEEN GBR S A CTD	G	Active		
30-015-00000	SKELLY OIL CO	DOW A FED	011	EDDY	S:15, T:17S, R:31E	Aug 1961	Dec 1966	GRAYBURG JACKSON QUEEN GBR S A CTD	G	Active		
30-015-00000	SKELLY OIL CO	DOW A FED	012	EDDY	S:15, T:17S, R:31E	Oct 1961	Dec 1966	GRAYBURG JACKSON QUEEN GBR S A CTD	G	Active		
30-015-00000	SKELLY OIL COMPANY	DOW A	003	EDDY	S:15, T:17S, R:31E	Jan 1955	Dec 1956	EDDY COUNTY WILCATS	G	Active		
30-015-00000	SKELLY OIL CO.	DOW A	001	EDDY	S:15, T:17S, R:31E	Jan 1947	Dec 1965	GRAYBURG JACKSON OIL	G	Active		
30-015-00000	SKELLY OIL CO	DOW A FEDERAL	003	EDDY	S:15, T:17S, R:31E	Jan 1957	Dec 1964	FREN PENN	G	Active		
30-015-00000	SKELLY OIL CO.	DOW A	002	EDDY	S:15, T:17S, R:31E	Jan 1948	Dec 1965	GRAYBURG-JACKSON	G	Active		
30-015-34143	MACK ENERGY CORP	WILLOW STATE	007	EDDY	S:15, T:17S, R:31E			FREN	MORROW	5,325	PO	Active Permit
30-015-00000	SKELLY OIL COMPANY	DOW A	003	EDDY	S:15, T:17S, R:31E	Jan 1966	Jun 1966	FREN-PENNSYLVANIAN	G	Active		
30-015-34143	COG OPERATING LLC	WILLOW STATE	007	EDDY	S:15, T:17S, R:31E	Jul 2005	Nov 2008	FREN	PADDOCK	5,325	PO	Active Permit

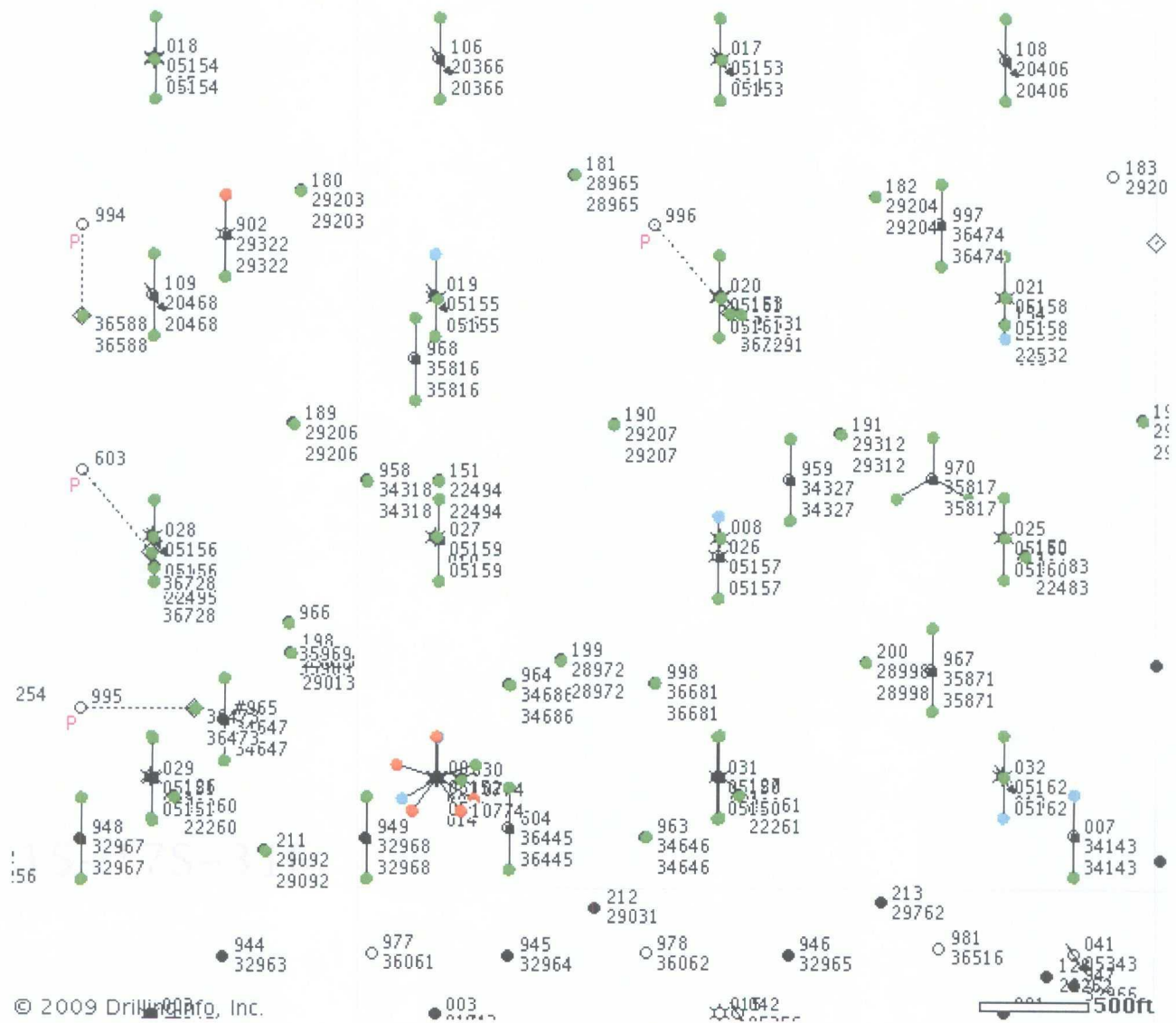
30-015-34318	CHEVRON USA, INC.	SKELLY UNIT	958	EDDY	S:15, T:17S, R:31E	Nov 2005	Nov 2008	FREN	PADDOCK	5,480	PO	Active Permit
30-015-34327	CHEVRON USA, INC.	SKELLY UNIT	959	EDDY	S:15, T:17S, R:31E	Nov 2005	Jun 2008	FREN	PADDOCK	5,480	O	Active Permit
30-015-00000	SKELLY OIL CO	DOW A BATTERY	014	EDDY	S:15, T:17S, R:31E	May 1966	Dec 1966	GRAYBURG JACKSON QUEEN GBR S A CTD			AP	Unknown
30-015-34646	CHEVRON USA, INC.	SKELLY UNIT	963	EDDY	S:15, T:17S, R:31E	Jun 2006	Nov 2008	FREN	PADDOCK	5,500	PO	Active Permit
30-015-34647	CHEVRON USA, INC.	SKELLY UNIT	#965	EDDY	S:15, T:17S, R:31E	Jun 2006	Nov 2008	FREN	PADDOCK	5,370	O	Active Permit
30-015-34686	CHEVRON USA, INC.	SKELLY UNIT	964	EDDY	S:15, T:17S, R:31E	Aug 2006	Nov 2008	FREN	PADDOCK	5,410	PO	Active Permit
30-015-34647	CHEVRON USA INC. (MACK ENERGY AGENT)	SKELLY UNIT	#965	EDDY	S:15, T:17S, R:31E			FREN PADDOCK		5,370	O	Active Permit
30-015-35816	COG OPERATING LLC	SKELLY UNIT	968	EDDY	S:15, T:17S, R:31E	Sep 2008	Nov 2008	FREN	PADDOCK	6,566	O	Active Permit
30-015-35817	COG OPERATING LLC	SKELLY UNIT	970	EDDY	S:15, T:17S, R:31E	Sep 2008	Nov 2008	FREN	PADDOCK	6,521	O	Active Permit
30-015-35871	COG OPERATING LLC	SKELLY UNIT	967	EDDY	S:15, T:17S, R:31E	Feb 2008	Nov 2008	FREN	PADDOCK	6,508	O	Active Permit
30-015-35969	CHEVRON USA, INC.	SKELLY UNIT	966	EDDY	S:15, T:17S, R:31E			FREN	PADDOCK	6,500	PO	Active Permit
30-015-35871	COG OPERATING LLC	SKELLY UNIT	967	EDDY	S:15, T:17S, R:31E			FREN; GLORIETA-YESO		6,508	O	Active Permit
30-015-36445	COG OPERATING LLC	SKELLY UNIT	604	EDDY	S:15, T:17S, R:31E	Oct 2008	Nov 2008	FREN (PADDOCK)	PADDOCK	6,512	O	Active Permit
30-015-36474	COG OPERATING LLC	SKELLY UNIT	997	EDDY	S:15, T:17S, R:31E	Oct 2008	Nov 2008	FREN (PADDOCK)	PADDOCK	6,495	O	Active Permit
30-015-36473	COG OPERATING LLC	SKELLY UNIT	995	EDDY	S:15, T:17S, R:31E			FREN (PADDOCK)	PADDOCK	6,450	PO	Active Permit
30-015-36588	COG	SKELLY	994	EDDY	S:15, T:17S,			FREN (PADDOCK)	PADDOCK	6,528	PO	Active Permit

DI Search Results (Printable Table)

OPERATING LLC	UNIT	R:31E			
30-015-35816	COG OPERATING LLC SKELLY UNIT	968 EDDY	S:15, T:17S, R:31E	FREN; GLORIETA; YESO	6,566 O Active Permit
30-015-36681	COG OPERATING LLC SKELLY UNIT	998 EDDY	S:15, T:17S, R:31E	PADDOCK	6,600 PO Active Permit
30-015-36728	COG OPERATING LLC SKELLY UNIT	603 EDDY	S:15, T:17S, R:31E	PADDOCK	6,500 PO Active Permit
30-015-36729	COG OPERATING LLC SKELLY UNIT	996 EDDY	S:15, T:17S, R:31E	PADDOCK	6,700 PO Active Permit
30-015-35817	COG OPERATING LLC SKELLY UNIT	970 EDDY	S:15, T:17S, R:31E	FREN; GLORIETA-YESO	6,521 O Active Permit
30-015-35817	CHEVRON USA INCORPORATED SKELLY UNIT	970 EDDY	S:15, T:17S, R:31E	FREN; GLORIETA-YESO	6,521 O Active Permit
30-015-36474	COG OPERATING LLC SKELLY UNIT	997 EDDY	S:15, T:17S, R:31E	FREN; GLORIETA-YESO	6,495 O Active Permit
30-015-36445	COG OPERATING LLC SKELLY UNIT	604 EDDY	S:15, T:17S, R:31E	LOCO HILLS; GLORIETA-YESO	6,512 O Active Permit
30-015-34327	CHEVRON USA, INC. SKELLY UNIT	959 EDDY	S:15, T:17S, R:31E	FREN; PADDOCK	5,480 O Active Permit

10-17S-31E

29836 05121



2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718 2719 2720 2721 2722 2723 2724 2725 2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736 2737 2738 2739 2740 2741 2742 2743 2744 2745 2746 2747 2748 2749 2750 2751 2752 2753 2754 2755 2756 2757 2758 2759 2760 2761 2762 2763 2764 2765 2766 2767 2768 2769 2770 2771 2772 2773 2774 2775 2776 2777 2778 2779 2780 2781 2782 2783 2784 2785 2786 2787 2788 2789 2790 2791 2792 2793 2794 2795 2796 2797 2798 2799 2800 2801 2802 2803 2804 2805 2806 2807 2808 2809 2810 2811 2812 2813 2814 2815 2816 2817 2818

Brooks, David K., EMNRD

From: Robyn Odom [rodom@conchoresources.com]
Sent: Monday, March 09, 2009 1:58 PM
To: Brooks, David K., EMNRD
Cc: Phyllis Edwards
Subject: NSL Application for Skelly Unit #635
Attachments: Skelly Unit 635 new plat.pdf; Skelly Unit 635 NSL explanation.doc

Dear Mr. Brooks,

I need to make a change to the NSL application for the Skelly Unit #635. We just got in a new plat because the location had to be moved due to sand dunes and buried pipe lines. Attached is an updated NSL explanation letter and a plat showing the new location. Please let me know if there is any information that you need from me to help in the approval process.

Thank you,

ROBYN ODOM
Regulatory Analyst



COG Operating LLC
Fasken Tower II
550 W. Texas Avenue, Suite 1300
Midland, TX 79701
432-685-4385 P
rodom@conchoresources.com

This inbound email has been scanned by the MessageLabs Email Security System.

**Skelly Unit #635
Eddy County, NM**

Fren; Glorieta Yeso oil well
TD of approximately 6800'
Non-standard location

1430' FSL & 2230' FWL Sec 15, T17S, R31E, Unit K

**This well had to be drilled at a non-standard location due to sand dunes
and buried pipe lines.**

The plan for this well is to complete it in the Yeso formation.
We won't know the exact perms until we drill & log it, but it will be similar to the

Willow State #8
330 FSL & 1650 FEL, Section 16, T17S, R31E, UL O
drilled in March 2006

The Willow State #8 Yeso completion has overall perforations from 5380.5' – 5845.5', but is divided into 2 perf/stimulation intervals. At this time, we assume the Skelly Unit 634 will be very similar.

1st Interval: 5650' – 5845.5', 67 total holes.
acidized w/ 2265 gals acid,
frac'd w/ 8000# LiteProp, 30,000 gals 30# gel, 54,663 gals 40# gel, & 90,560#
16/30 sand

2nd Interval: 5380.5' – 5544', 56 total holes.
acidized w/ 2550 gals acid,
frac'd w/ 8006# LiteProp, 30,000 gals 30# gel, 53,000 gals 40# gel, & 91,740#
16/30 sand

Attachment 1
Plat and map

Attachment 2
Map and legend of offset wells.

Attachment 3
Updated land plat showing that
COG Operating LLC owns offset acreage.
The acreage we are encroaching on is the SE/4 SW/4 of Section 15.

Interests are common.

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 and Natural Resources Department

OIL CONSERVATION DIVISION
11885 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	Pool Code	Pool Name
Property Code	Property Name SKELLY UNIT	Well Number 635
OGRID No.	Operator Name COG OPERATING, LLC	Elevation 3861

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	15	17-S	31-E		1430	SOUTH	2230	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	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.

Signature _____ Date _____

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.

FEBRUARY 27, 2009

Date Surveyed _____ DSS _____

Signature & Seal of Professional Surveyor

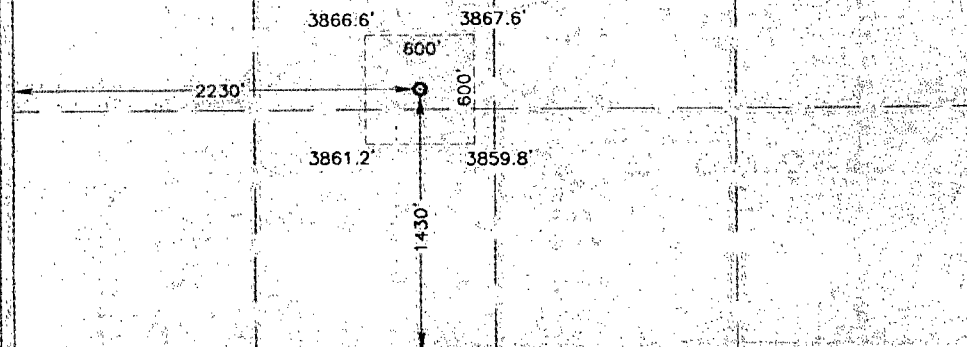
Ronald J. Eidson
09.11.0194

Certificate No. GARY C. EIDSON 12841
RONALD J. EIDSON 3239

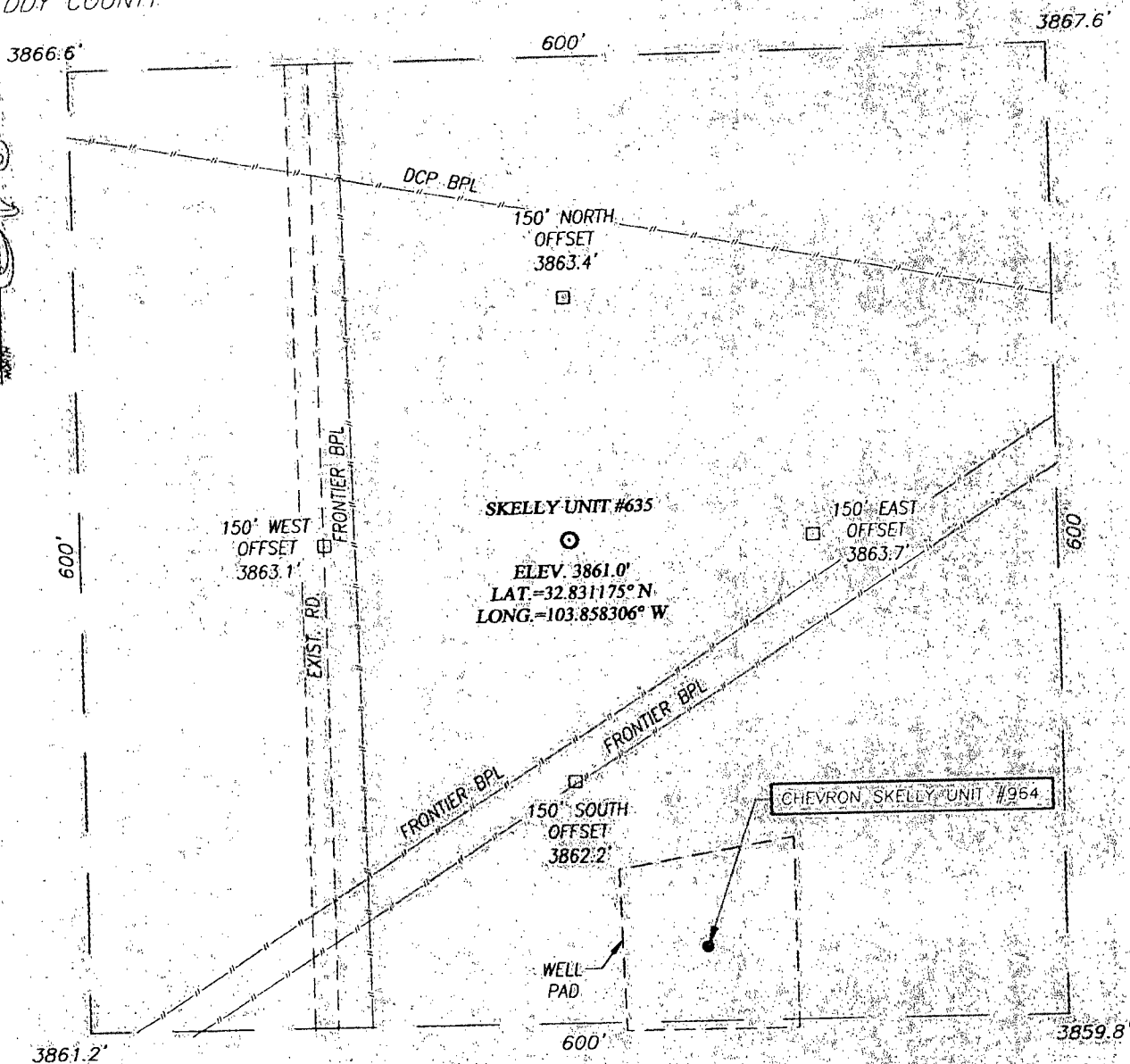
GEODETIC COORDINATES
NAD 27 NME

Y=666420.4 N
X=645912.8 E

LAT.=32.831175° N
LONG.=103.858306° W

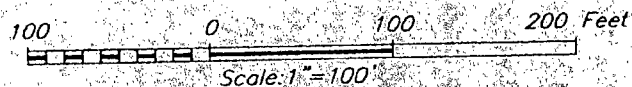


SECTION 15, TOWNSHIP 17 SOUTH, RANGE 31 EAST, N.M.P.M.
 EDDY COUNTY NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF U.S. HWY. #82 AND CO. RD. 223 (SWEET GUM RD.), GO NORTHWEST ON CO. RD. 223 APPROX. 0.9 MILES. TURN RIGHT AND GO EAST APPROX. 0.5 MILES. VEER LEFT AND GO NORTHEAST APPROX. 0.3 MILES. VEER RIGHT AND SOUTHEAST APPROX. 0.3 MILES. TURN LEFT AND GO NORTH APPROX. 0.2 MILES. THIS LOCATION IS APPROX. 150 FEET EAST.



COG OPERATING, LLC

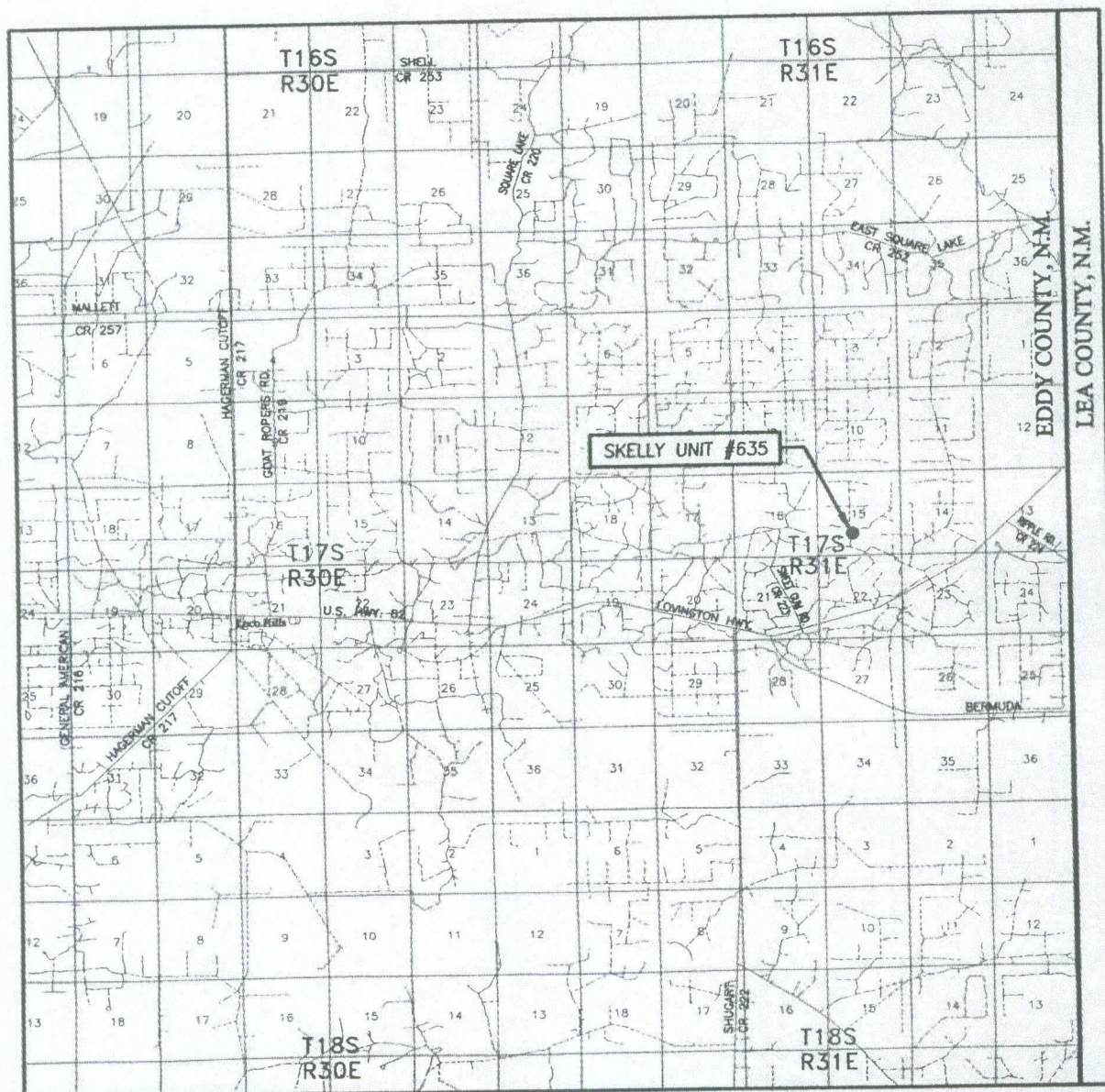
SKELLY UNIT #635 WELL
 LOCATED 1430 FEET FROM THE SOUTH LINE
 AND 2230 FEET FROM THE WEST LINE OF SECTION 15,
 TOWNSHIP 17 SOUTH, RANGE 31 EAST, N.M.P.M.,
 EDDY COUNTY, NEW MEXICO

Survey Date: 2/27/09	Sheet: 1 of 1 Sheets
W.O. Number: 09110194	Dr. By: DSS
Date: 3/3/09	09110194
	Scale: 1"=100'

PROVIDING SURVEYING SERVICES
 SINCE 1946

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

VICINITY MAP



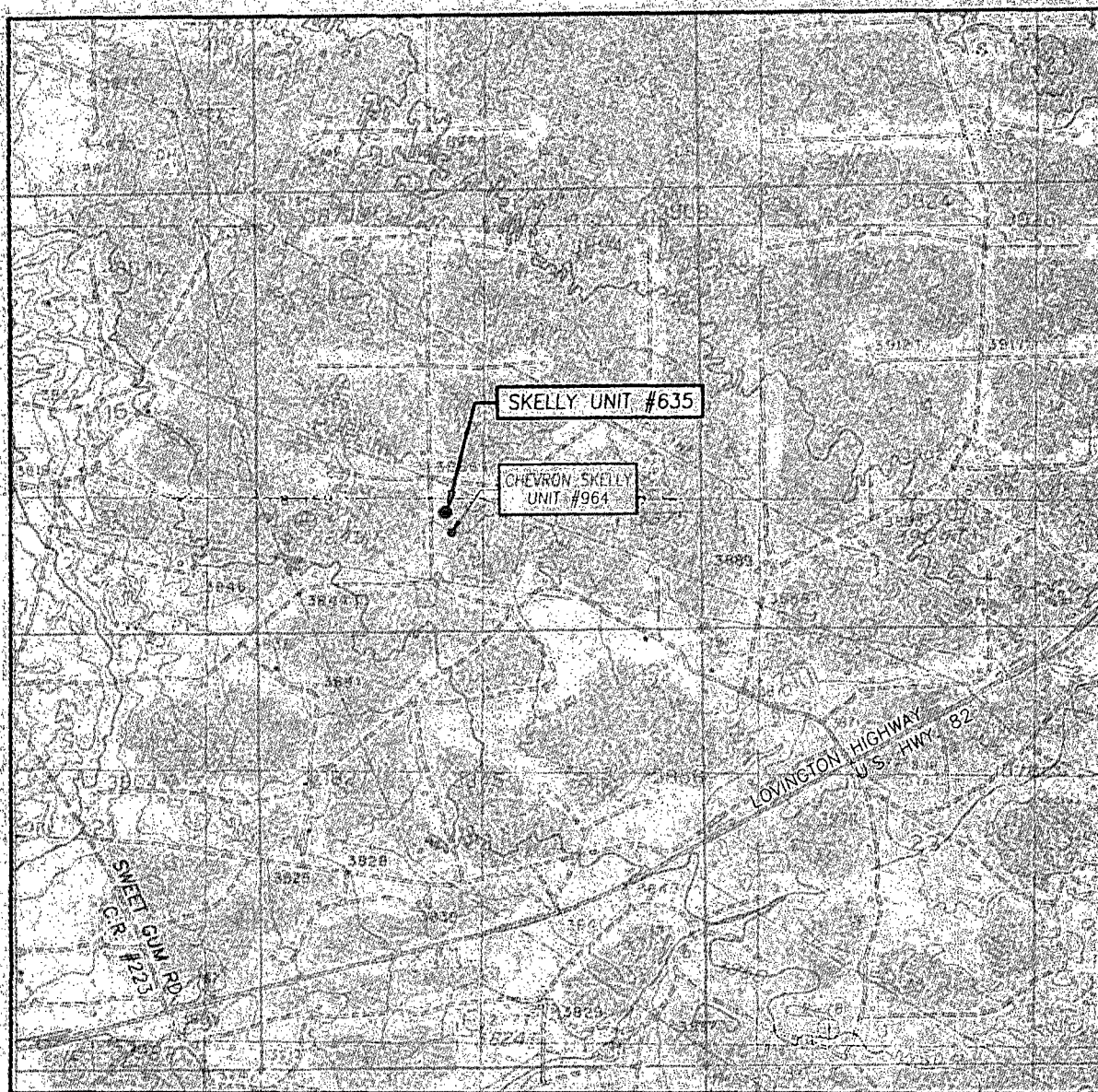
SCALE: 1" = 2 MILES

SEC. 15 TWP. 17-S RGE. 31-E
 SURVEY N.M.P.M.
 COUNTY EDDY STATE NEW MEXICO
 DESCRIPTION 1430' FSL & 2230' FWL
 ELEVATION 3861'
 OPERATOR COG OPERATING, LLC
 LEASE SKELLY UNIT



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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL
MALJAMAR, N.M. = 10'

SEC. 15 TWP. 17-S RGE. 31-E

SURVEY N.M.P.M.

COUNTY EDDY STATE NEW MEXICO

DESCRIPTION 1430' FSL & 2230' FWL

ELEVATION 3861'

OPERATOR COG
OPERATING, INC.

LEASE SKELLY UNIT

U.S.G.S. TOPOGRAPHIC MAP
MALJAMAR, N.M.



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

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Eddy County, NM**

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drilled in March 2006

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16/30 sand

2nd Interval: 5380.5' – 5544', 56 total holes.
acidized w/ 2550 gals acid,
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Brooks, David K., EMNRD

From: Robyn Odom [rodom@conchoresources.com]
Sent: Tuesday, March 10, 2009 12:33 PM
To: Brooks, David K., EMNRD
Subject: RE: NSL Application for Skelly Unit #635

Dear Mr. Brooks,

The ownership of the SW/4 SE/4 is the same as the NE/4 SW/4. COG owns all of Sec. 15. Please let me know if there is any more information that you need from me to help in the approval process.

Thank you,

Robyn Odom
X4385

From: Brooks, David K., EMNRD [mailto:david.brooks@state.nm.us]
Sent: Tuesday, March 10, 2009 1:12 PM
To: Robyn Odom
Subject: RE: NSL Application for Skelly Unit #635

Dear Ms. Odom

The revised location, unlike the originally proposed location, also encroaches on the diagonal towards the SW/4 SE/4 of Section 15. Is ownership in the SW/4 SE/4 also common with the NE/4 SW/4?

Sincerely

David K. Brooks
Legal Examiner
505-476-3450

From: Robyn Odom [mailto:rodom@conchoresources.com]
Sent: Monday, March 09, 2009 1:58 PM
To: Brooks, David K., EMNRD
Cc: Phyllis Edwards
Subject: NSL Application for Skelly Unit #635

Dear Mr. Brooks,

I need to make a change to the NSL application for the Skelly Unit #635. We just got in a new plat because the location had to be moved due to sand dunes and buried pipe lines. Attached is an updated NSL explanation letter and a plat showing the new location. Please let me know if there is any information that you need from me to help in the approval process.

Thank you,

ROBYN ODOM
Regulatory Analyst


COG Operating LLC