

July 28, 2010

Erin Joseph
Noble Energy, Inc.
1625 Broadway, Suite 2200
Denver, CO 80202

RE: Approved Commingling CO071002
Good 2-16, Sec. 16-T34S-R31W, Seward County
API No. 15-175-21880-00-00

Dear Ms Joseph:

Your Application for Commingling (ACO-4) for the above described well has been reviewed and approved by the Kansas Corporation Commission (KCC) per K.A.R. 82-3-123. Notice was examined and found to be proper per K.A.R. 82-3-135a. No protest had been filed within the 15-day protest period. This application, which was received by the KCC on July 8, 2010 concerns approval to simultaneously produce from the following sources of supply through the same tubing string in the same wellbore:

Source of Supply	Estimated Current Production			Perf Depth
	BOPD	MCFPD	BWPD	
Cherokee	0.00	1.00	3.50	5482-5536
Morrow	1.00	250.00	0.00	5650-5676
Chester	1.00	250.00	0.00	5680-5734
Total Estimated Current Production	2.00	501.00	3.50	

Based upon the depth of the Chester formation perforations, total oil production shall not exceed 200 BOPD and total gas production shall not exceed 50% of the absolute open flow (AOF).

File form ACO-1 upon completion of the well to commingle.

Docket Number CO071002 has been assigned to this approved application. Use this number for well completion reports (ACO-1) and other correspondence that may concern this approved commingling.

Sincerely,



Rick Hestermann
Production Department

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JUL 8 2010

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-4
Form must be typed
March 2009

KCC WICHITA

APPLICATION FOR COMMINGLING OF
PRODUCTION (K.A.R. 82-3-123) OR FLUIDS (K.A.R. 82-3-123a)

Commingling ID # CO071002

OPERATOR: License # 33190
Name: Noble Energy, Inc.
Address 1: 1625 Broadway, Suite 2200
Address 2: _____
City: Denver State: CO Zip: 80202 + _____
Contact Person: Erin Joseph
Phone: (303) 228-4089

API No. 15 - 175-21880
Spot Description: _____
SE NE Sec. 16 Twp. 34 S. R. 31 East West
1,980 Feet from North / South Line of Section
660 Feet from East / West Line of Section
County: Seward
Lease Name: Good Well #: 2-16

1. Name and upper and lower limit of each production interval to be commingled:
Formation: Cherokee (Perfs): 5482-5536
Formation: Morrow (Perfs): 5650-5676
Formation: Chester (Perfs): 5680-5734
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____

2. Estimated amount of fluid production to be commingled from each interval:
Formation: Cherokee BOPD: 0 MCFPD: 1 BWPD: 3.5
Formation: Morrow BOPD: 1 MCFPD: 250 BWPD: 0
Formation: Chester BOPD: 1 MCFPD: 250 BWPD: 0
Formation: _____ BOPD: _____ MCFPD: _____ BWPD: _____
Formation: _____ BOPD: _____ MCFPD: _____ BWPD: _____

3. Plat map showing the location of the subject well, all other wells on the subject lease, and all wells on offsetting leases within a 1/2 mile radius of the subject well, and for each well the names and addresses of the lessee of record or operator.

4. Signed certificate showing service of the application and affidavit of publication as required in K.A.R. 82-3-135a.

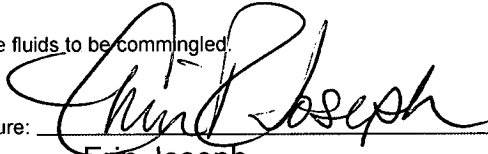
For Commingling of PRODUCTION ONLY, include the following:

- 5. Wireline log of subject well. Previously Filed with ACO-1: Yes No
- 6. Complete Form ACO-1 (Well Completion form) for the subject well.

For Commingling of FLUIDS ONLY, include the following:

- 7. Well construction diagram of subject well.
- 8. Any available water chemistry data demonstrating the compatibility of the fluids to be commingled.

AFFIDAVIT: I am the affiant and hereby certify that to the best of my current information, knowledge and personal belief, this request for commingling is true and proper and I have no information or knowledge, which is inconsistent with the information supplied in this application.

Signature: 
Printed Name: Erin Joseph
Title: Regulatory Analyst II

KCC Office Use Only
 Denied Approved
15-Day Periods Ends: _____
Approved By: _____ Date: _____

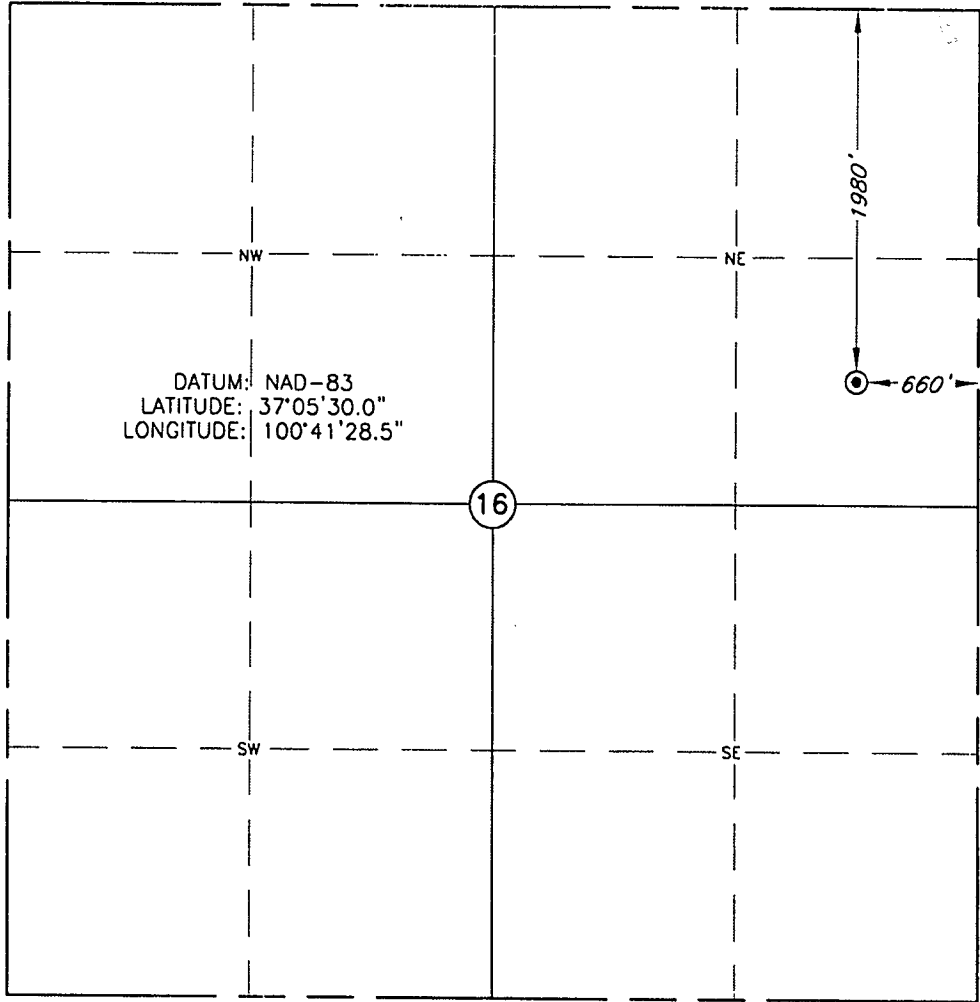
Protests may be filed by any party having a valid interest in the application. Protests must be in writing and comply with K.A.R. 82-3-135b and must be filed within 15 days of publication of the notice of application.

TOPOGRAPHIC LAND SURVEYORS OF PAMPA, TEXAS

2225 PERRYTON PKWY • PAMPA, TEXAS 79065
 (806) 665-7218 • (800) 658-6382 • FAX (806) 665-7210
 Kansas Certificate of Authorization No. 15-99

Operator: LeNORMAN ENERGY CORPORATION Lease Name: GOOD Well No.: 2-16
 Footages: 1980'FNL & 660'FEL Elevation: 2490'GR
 Section: 16 Township: 34S Range: 31W, SEWARD County, Kansas

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Topography & Vegetation: PASTURE
 Reference or Alternate Stakes Set: NONE SET
 Best Accessibility to Location: FROM EXISTING FARM ROAD SOUTHEAST OF LOCATION
 Distance & Direction: ±4 MILES SOUTHEAST OF SHAMROCK, KANSAS.



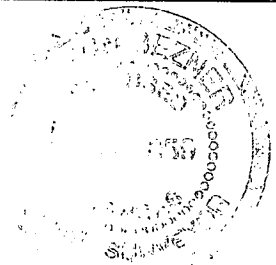
This plat DOES NOT represent a true Boundary Survey. The footages and ties shown are from lines of occupation, which may not be actual Property Lines.

Date Surveyed: 4-25-02
 Date Drawn: 4-26-02
 Drawn by: J.WILLIAMS
 Job No.: 81490
 Book: _____ Page: _____

CERTIFICATE

I, V. Lynn Bezner, a Registered Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify that the above described well location was surveyed and staked on the ground as shown.

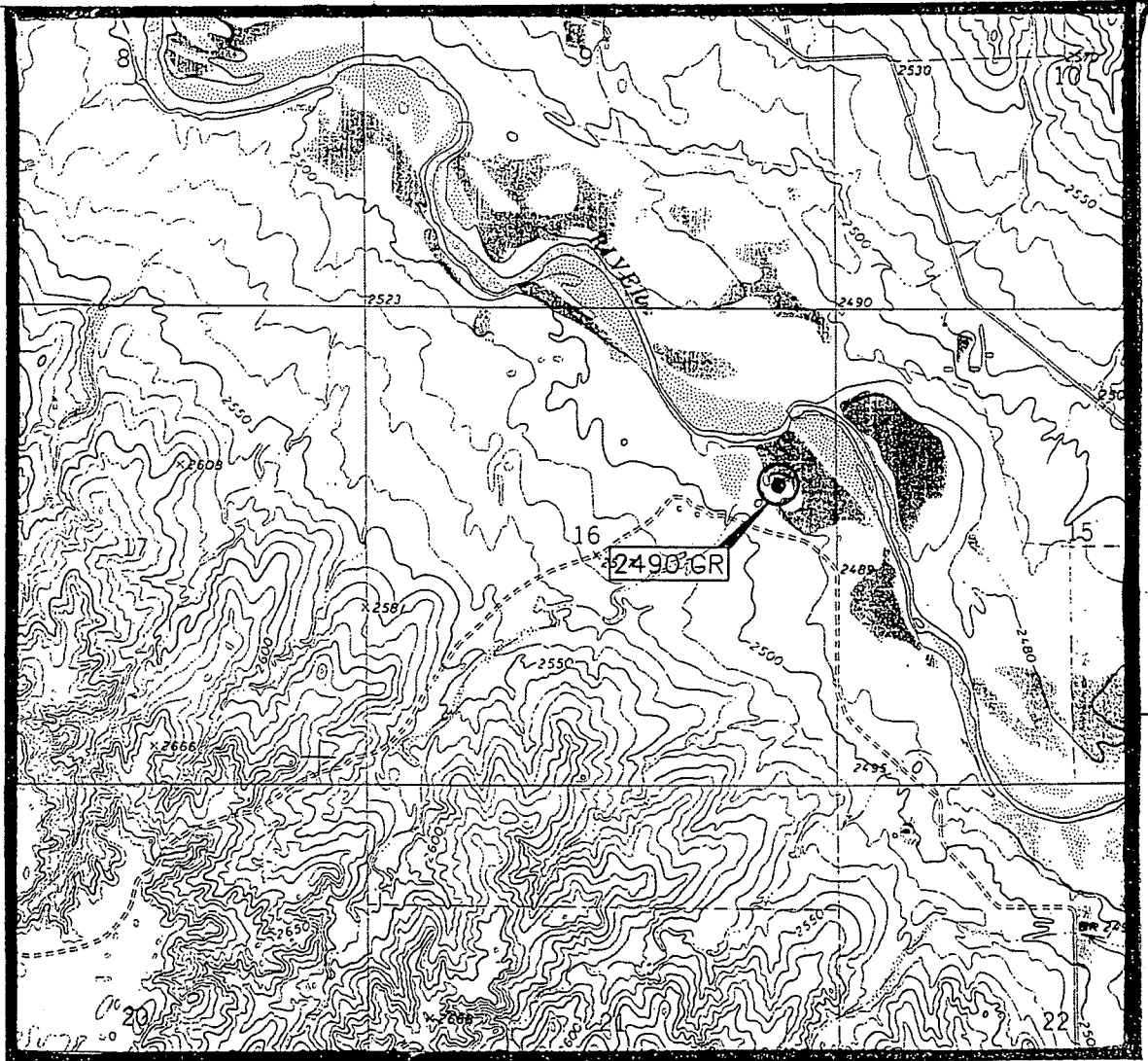
V. Lynn Bezner
 V. Lynn Bezner, R.P.S. No.1059



RECEIVED LOCATION & ELEVATION VERIFICATION MAP

JUL 08 2010

KCC WICHITA



ABOVE DATA FROM
U.S.G.S. TOPOGRAPHIC MAP

Scale: 1" = 2000'

Contour Interval: 10'

Operator: LeNORMAN ENERGY CORPORATION Lease Name: Good Well No.: 2-16
 Footages: 1980'FNL & 660'FEL Elevation: 2490'GR
 Section: 16 Township: 34S Range: 31W SEWARD County, Kansas

TOPOGRAPHIC LAND SURVEYORS OF PAMPA, TEXAS

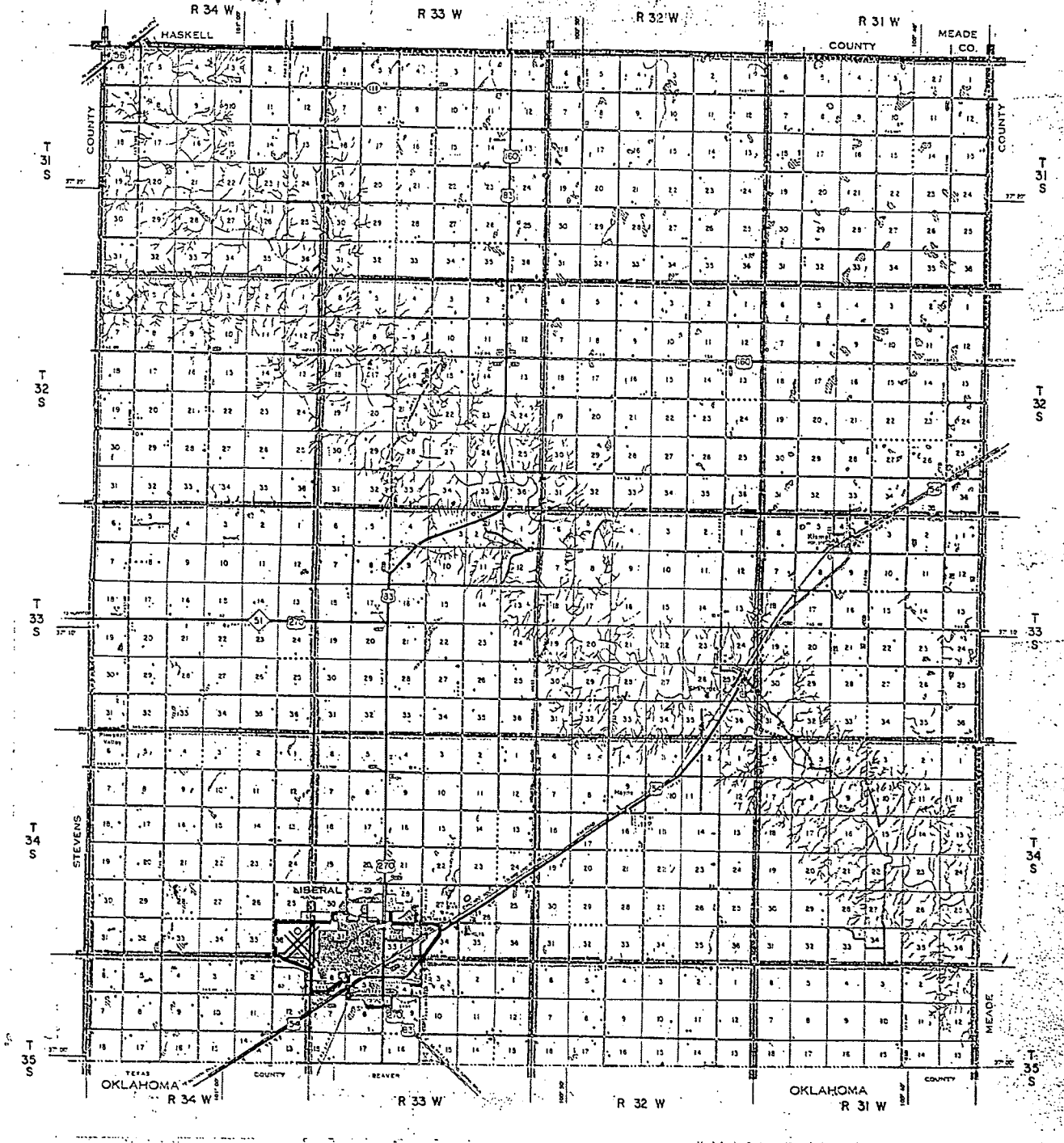
2225 PERRYTON PKWY • PAMPA, TEXAS 79065

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KCC WICHITA

VICINITY MAP



Operator: LeNORMAN ENERGY CORPORATION Lease Name: Good Well No.: 2-16
 Footages: 1980'FNL & 660'FEL Elevation: 2490'GR
 Section: 16 Township: 34S Range: 31W SEWARD County, Kansas

TOPOGRAPHIC LAND SURVEYORS OF PAMPA, TEXAS
 2225 PERRYTON PKWY • PAMPA, TEXAS 79065

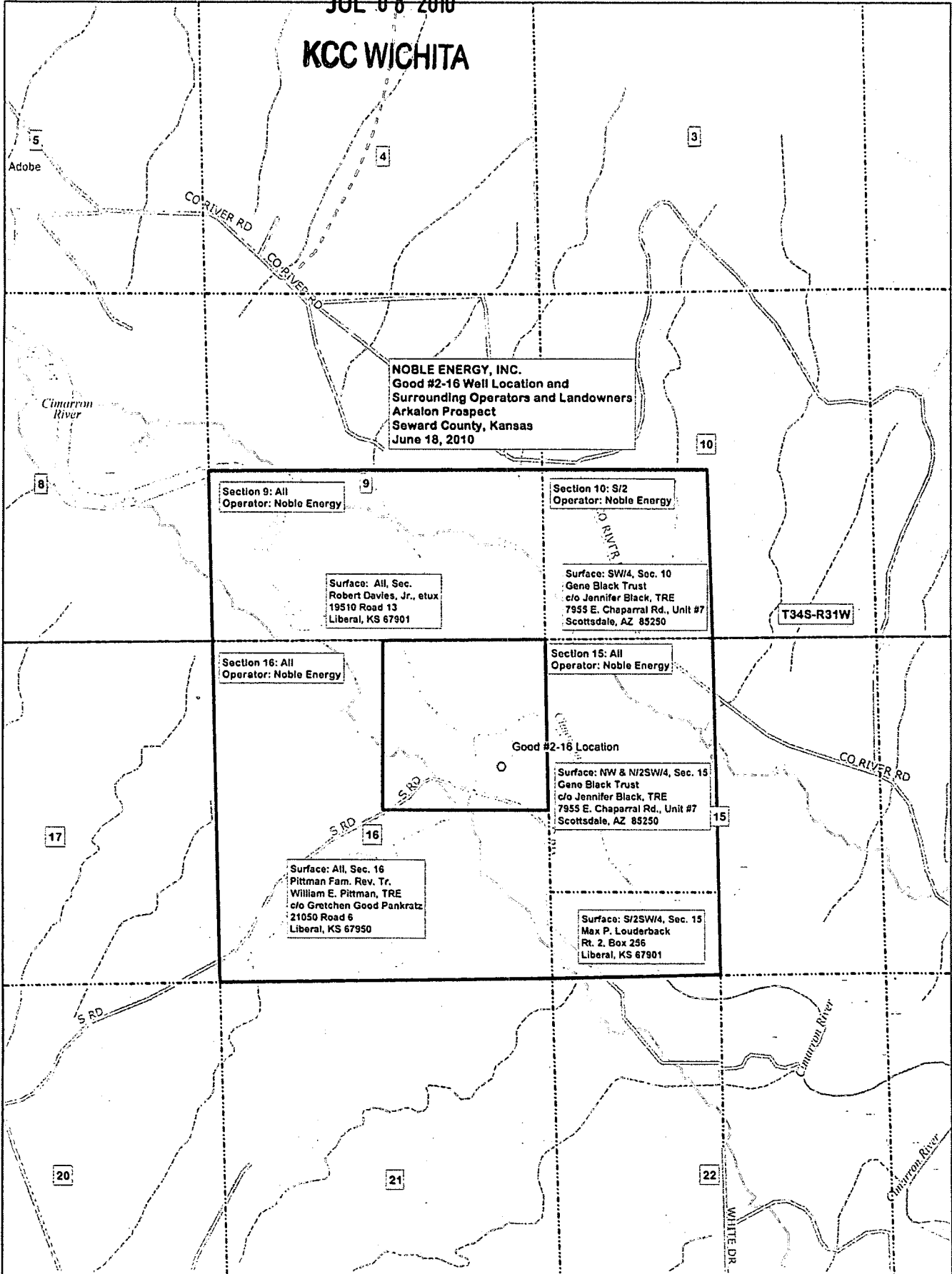
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XMap® 7



KCC WICHITA



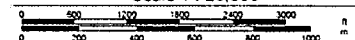
Data use subject to license.

© DeLorme. XMap® 7.

www.delorme.com



Scale 1 : 25,000



1" = 2,083.3 ft

Data Zoom 13-0

1625 Broadway
Suite 2200
Denver, CO 80202

Tel: 303.228.4000
Fax: 303.228.4286
www.nobleenergyinc.com



CO 071002

July 7, 2010

RE: Application for Commingle

Well Name: Good 2-16

Legal Location: SE, NE, Sec 16, T34S, R31W, Seward County, KS

To Whom It May Concern, Noble Energy Inc. operates all leaseholds within a half mile radius of the above well.

No notice of offsetting operators is required for the above application.

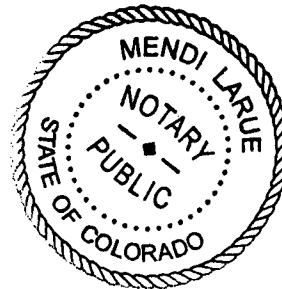
A handwritten signature in cursive script, appearing to read 'Chris Koeps', written over a horizontal line.

Applicant

Subscribed and sworn to before me this 13th day of July, 2010

A handwritten signature in cursive script, appearing to read 'Mendi Larue', written over a horizontal line.

Notary Public



My Commission Expires 09/11/2014

My Commission Expires: _____

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JUL 14 2010
KCC WICHITA

RECEIVED
JUL 08 2010
KCC WICHITA

PROOF OF PUBLICATION

STATE OF KANSAS, SEWARD COUNTY, ss:

Betty J. Dubois, being first duly sworn,
deposes and says That he is the publisher - principal clerk - of

THE HIGH PLAINS DAILY LEADER

a newspaper printed in the State of Kansas, and published in and of general circulation in Seward County, Kansas, with a general paid circulation on a daily basis in Seward County, Kansas, and that said newspaper is not a trade, religious or fraternal publication.

Said newspaper is published at least weekly 50 times a year; has been so published continuously and uninterruptedly in said county and state for a period of more than five years prior to the first publication of said notice; and has been admitted at the post office of Liberal in said County as second class matter.

That the attached notice is a true copy thereof and was published in the regular and

entire issue of said newspaper for 6 consecutive ^{days} ~~weeks~~, the first publication thereof being made as aforesaid on the 16th day

20 10, with subsequent publications being made on

_____, 2010

_____, 2010

_____, 2010

_____, 2010

_____, 2010

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_____, 2010

(First published in the *High Plains Daily Leader*, Liberal, Kansas, on June 16, 2010)16

BEFORE THE STATE CORPORATION
COMMISSION OF THE
STATE OF KANSAS
NOTICE OF FILING APPLICATION

RE: Noble Energy, Inc. - Application for a permit to authorize the
Commingling of zones in the Good 2-16 located in Seward County, KS

TO: All Oil and Gas Producers, Unleased Minerals Interest Owners,
Landowners and all persons whomever concerned.

You, and each of you, are hereby notified that Noble Energy, Inc.,
has filed an application to commingle the Chester, Morrow and Cherokee
zones in the Good 2-16, located approximately in the SW, NW of Section 16, 34S, 31W,
in Seward County, KS.

Any persons who object to or protest this application shall be required to file their objec-
tions or protests with the Conservation Division of the State Corporation Commission of
the State of Kansas within (15) days from the date of this publication. These protests shall
be filed pursuant to Commission regulations and must state specific reasons why the grant
of the application may cause waste, violate correlative rights or pollute the natural
resources of the State of Kansas. If no protests are received, this application may be
granted through a summary proceeding. If valid protests are received, this matter will be
set for hearing.

All persons interested or concerned shall take notice of the foregoing and shall govern
themselves accordingly.

Noble Energy, Inc
1625 Broadway Suite 2200
Denver, CO 80202
(303) 228-4000
ATTN: Erin Joseph

ND SWORN to before me this 22nd day

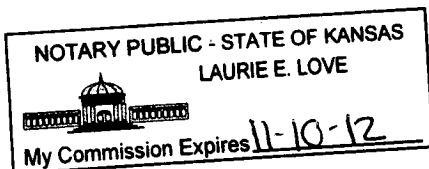
_____, 2010.

Laurie E. Love

Notary Public

My Commission Expires, November 10, 2012

Printer's Fee . . . \$ 263.28



AFFIDAVIT

STATE OF KANSAS \
- SS.
County of Sedgwick /

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JUL 08 2010
KCC WICHITA

Mark Fletchall, of lawful age, being first duly sworn, deposes and saith: That he is Record Clerk of The Wichita Eagle, a daily newspaper published in the City of Wichita, County of Sedgwick, State of Kansas, and having a general paid circulation on a daily basis in said County, which said newspaper has been continuously and uninterruptedly published in said County for more than one year prior to the first publication of the notice hereinafter mentioned, and which said newspaper has been entered as second class mail matter at the United States Post Office in Wichita, Kansas, and which said newspaper is not a trade, religious or fraternal publication and that a notice of a true copy is hereto attached was published in the regular and entire Morning issue of said The Wichita Eagle for _1_ issues, that the first publication of said notice was

made as aforesaid on the 1st of

July A.D. 2010, with

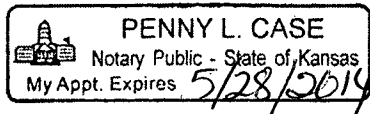
subsequent publications being made on the following dates:

And affiant further says that he has personal knowledge of the statements above set forth and that they are true.

Mark Fletchall

Subscribed and sworn to before me this

1st day of July, 2010



Penny L Case
Notary Public Sedgwick County, Kansas

Printer's Fee : \$115.60

LEGAL PUBLICATION

First Published in The Wichita Eagle
July 1, 2010 (3050786)
BEFORE THE STATE CORPORATION COMMISSION OF THE STATE OF KANSAS
NOTICE OF FILING APPLICATION
RE: Noble Energy, Inc. - Application for a permit to authorize the Commingling of zones in the Good 2-16 located in Seward County, KS
TO: All Oil and Gas Producers, Unleased Minerals Interest Owners, Landowners and all persons whomever concerned.
You, and each of you, are hereby notified that Noble Energy, Inc. has filed an application to commingle the Chester, Morrow and Cherokee zones in the Good 2-16, located approximately in the SW, NW of Section 16, 34S, 31W, in Seward County, KS.
Any persons who object to or protest this application shall be required to file their objections or protests with the Conservation Division of the State Corporation Commission of the State of Kansas within (15) days from the date of this publication. These protests shall be filed pursuant to Commission regulations and must state specific reasons why the grant of the application may cause waste, violate correlative rights or pollute the natural resources of the State of Kansas. If no protests are received, this application may be granted through a summary proceeding. If valid protests are received, this matter will be set for hearing.
All persons interested or concerned shall take notice of the foregoing and shall govern themselves accordingly.
Noble Energy, Inc
1625 Broadway Suite 2200
Denver, CO 80202
(303) 228-4000
ATTN: Erin Joseph

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KCC WICHITA

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
September 1999
Form Must Be Typed

Operator: License # 33184
Name: PATINA OIL & GAS CORPORATION
Address: P.O. BOX 1024
City/State/Zip: DUNCAN, OKLAHOMA 73534
Purchaser: DUKE ENERGY
Operator Contact Person: JOYCE WILLIAMS
Phone: (580) 252-2085
Contractor: Name: CHEYENNE DRILLING, INC.
License: 5382
Wellsite Geologist: NONE
Designate Type of Completion:
[] New Well [] Re-Entry [] Workover
[] Oil [] SWD [] SIOW [] Temp. Abd.
[] Gas [] ENHR [] SIGW
[] Dry [] Other (Core, WSW, Expl., Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows:
Operator:
Well Name:
Original Comp. Date: Original Total Depth:
[] Deepening [] Re-perf. [] Conv. to Enhr./SWD
[] Plug Back [] Plug Back Total Depth
[] Commingled [] Docket No.
[] Dual Completion [] Docket No.
[] Other (SWD or Enhr.?) [] Docket No.
09/05/2002 09/17/2002 11/12/2002
Spud Date or Date Reached TD Completion Date or
Recompletion Date

API No. 15 - 175-21880-00-00
County: SEWARD
SE NE Sec. 16 Twp. 34 S. R. 31 [] East [x] West
1980' feet from S / N (circle one) Line of Section
660' feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: GOOD Well #: 2-16
Field Name: ARKALON
Producing Formation: MORROW
Elevation: Ground: 2490' Kelly Bushing: 2504'
Total Depth: 6000' Plug Back Total Depth: 5975'
Amount of Surface Pipe Set and Cemented at 1454' Feet
Multiple Stage Cementing Collar Used? [] Yes [x] No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 2100 ppm Fluid volume 7105 bbls
Dewatering method used EVAPORATION
Location of fluid disposal if hauled offsite:
Operator Name: NICHOLS FLUID SERVICE
Lease Name: MORLEN #1-16 License No.: 31983
Quarter _____ Sec. 16 Twp. S. R. 32 East West
County: SEWARD Docket No.: D-25-529

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Joyce Williams
Title: Production Analyst Date: February 11, 2003
Subscribed and sworn to before me this 11 day of February
19 2003



Notary Public PAT BECK
Stephens County
Date Commission Expires 10/15/2006
October 15, 2006
State of Oklahoma

KCC Office Use ONLY

[] Letter of Confidentiality Attached
If Denied, Yes [] Date:
[] Wireline Log Received
[] Geologist Report Received
[] UIC Distribution

RECEIVED

JUL 08 2010

Side Two

KCC WICHITA

Operator Name: PATINA OIL & GAS CORPORATION Lease Name: GOOD Well #: 2-16
Sec. 16 Twp. 34 S. R. 31 East West County: SEWARD

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)
Samples Sent to Geological Survey
Cores Taken
Electric Log Run (Submit Copy)
List All E. Logs Run:
DUAL INDUCTION RESISTIVITY LOG
COMPENSATED NEUTRON PEL DENSITY MICRO LOG

Table with 3 columns: Log Name, Formation (Top), Depth and Datum, Sample Datum. Entry: MORROW / CHESTER, 5654', 5822'

CASING RECORD Table with 8 columns: Purpose of String, Size Hole Drilled, Size Casing Set (In O.D.), Weight Lbs. / Ft., Setting Depth, Type of Cement, # Sacks Used, Type and Percent Additives. Includes entries for SURFACE and PRODUCTION.

ADDITIONAL CEMENTING / SQUEEZE RECORD Table with 5 columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives.

PERFORATION RECORD - Bridge Plugs Set/Type Table with 4 columns: Shots Per Foot, Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used), Depth. Includes entries for 2 shots at various depths.

TUBING RECORD Table with 4 columns: Size, Set At, Packer At, Liner Run. Includes production data: Date of First, Resumed Production, SWD or Enhr. (01/06/2003), Estimated Production Per 24 Hours (0 Bbls, 378 Mcf, 0 Water Bbls).

Disposition of Gas METHOD OF COMPLETION Production Interval
Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
Other (Specify)