



KANSAS CORPORATION COMMISSION 1046285
OIL & GAS CONSERVATION DIVISION

Form ACO-4
Form must be typed
March 2009

APPLICATION FOR COMMINGLING OF *Commingling ID #* **CO121001**
PRODUCTION (K.A.R. 82-3-123) OR FLUIDS (K.A.R. 82-3-123a)

OPERATOR: License # 34148 API No. 15: 15-151-22350-00-00
Name: Sabco Operating Co. Spot Description: _____
Address 1: 34 S. WYNDEN SE NE SW SW Sec. 21 Twp. 27 S. R. 12 East West
Address 2: _____ 704 Feet from North / South Line of Section
City: HOUSTON State: TX Zip: 77056 + _____ 1,233 Feet from East / West Line of Section
Contact Person: Max Jameson County: Pratt
Phone: (713) 840-1980 Lease Name: Barker Well #: 1-21

1. Name and upper and lower limit of each production interval to be commingled:
Formation: Lansing (Perfs): 3740-3748
Formation: Mississippian (Perfs): 4160-4212
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____

2. Estimated amount of fluid production to be commingled from each interval:
Formation: Lansing BOPD: 3 MCFPD: 20 BWPD: 20
Formation: Mississippian BOPD: 7 MCFPD: 26 BWPD: 30
Formation: _____ BOPD: _____ MCFPD: _____ BWPD: _____
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.

Submitted Electronically

KCC Office Use Only	
<input type="checkbox"/> Denied	<input checked="" type="checkbox"/> Approved
15-Day Periods Ends: <u>12/17/2010</u>	
Approved By: <u>Rick Hestermann</u>	Date: <u>12/17/2010</u>

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.

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

Form ACO-1
 June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

OPERATOR: License # 34148
 Name: Sabco Operating Company
 Address 1: 34 S. Wynden Dr
 Address 2: _____
 City: Houston State: TX Zip: 77056 + _____
 Contact Person: Max Jameson
 Phone: (713) 595-3612
 CONTRACTOR: License # 5929
 Name: Duke Drilling Company
 Wellsite Geologist: David Williams
 Purchaser: High Sierra Crude\ Oneok Field Services

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., 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 Conv. to SWD
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

<u>03/17/2010</u>	<u>03/28/2010</u>	<u>06/15/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-151-22350-00-00

Spot Description: _____
SE NE SW SW Sec. 21 Twp. 27 S. R. 12 East West
704 Feet from North / South Line of Section
1,233 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Pratt
 Lease Name: Barker Well #: 1-21
 Field Name: luka-Carmi East
 Producing Formation: Mississippian
 Elevation: Ground: 1829 Kelly Bushing: 1842
 Total Depth: 4576 Plug Back Total Depth: 4535
 Amount of Surface Pipe Set and Cemented at: 351 Feet
 Multiple Stage Cementing Collar Used? Yes 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: 32000 ppm Fluid volume: 640 bbls
 Dewatering method used: Removed free fluids & evaporate

Location of fluid disposal if hauled offsite:
 Operator Name: Roberts Resources
 Lease Name: Mary SWD-1 License #: 32781
 Quarter SE Sec. 16 Twp. 29 S. R. 18 East West
 County: Kiowa Permit #: D-28396

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.

AFFIDAVIT

I am the affiant and I hereby certify that 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: _____
 Title: Environmental/Regulatory Manager Date: 10/15/2010

KCC Office Use ONLY

Letter of Confidentiality Received
 Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
 ALT I II III Approved by: _____ Date: _____

Operator Name: Sabco Operating Company Lease Name: Barker Well #: 1-21
 Sec. 21 Twp. 27 S. R. 12 East West County: Pratt

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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Dual Induction, COMP, Density Neutron, Sonic, Micro Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Heebner</td> <td>3508</td> <td>-1666</td> </tr> <tr> <td>Lansing</td> <td>3704</td> <td>-1862</td> </tr> <tr> <td>Mississippian</td> <td>4157</td> <td>-2315</td> </tr> <tr> <td>Viola</td> <td>4303</td> <td>-2461</td> </tr> <tr> <td>Simpson Shale</td> <td>4365</td> <td>-2534</td> </tr> <tr> <td>Simpson Sand</td> <td>4395</td> <td>-2553</td> </tr> <tr> <td>Arbuckle</td> <td>4476</td> <td>-2634</td> </tr> </table>	Name	Top	Datum	Heebner	3508	-1666	Lansing	3704	-1862	Mississippian	4157	-2315	Viola	4303	-2461	Simpson Shale	4365	-2534	Simpson Sand	4395	-2553	Arbuckle	4476	-2634
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
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
Surface Casing	12 1/4"	8 5/8"	24	351'	Portland	350	60/40 POZ
Production Casing	7 7/8"	5 1/2"	15.5	4535'	Portland	225	60/40 POZ

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
3	4396-4400		4396-4400
3	4304-4307	100 gal 15% MCA	4304-4307
3	4236-4248 Set CIBP @ 4230	400 gal 10% MCA and 1500 gal 15% MCC	4236-4248
3	4192-4212	Frac100,000 # 20/40 and 34,000# 16/30	4192-4212
3	4160-4180	The above Frac included this interval	4160-4180

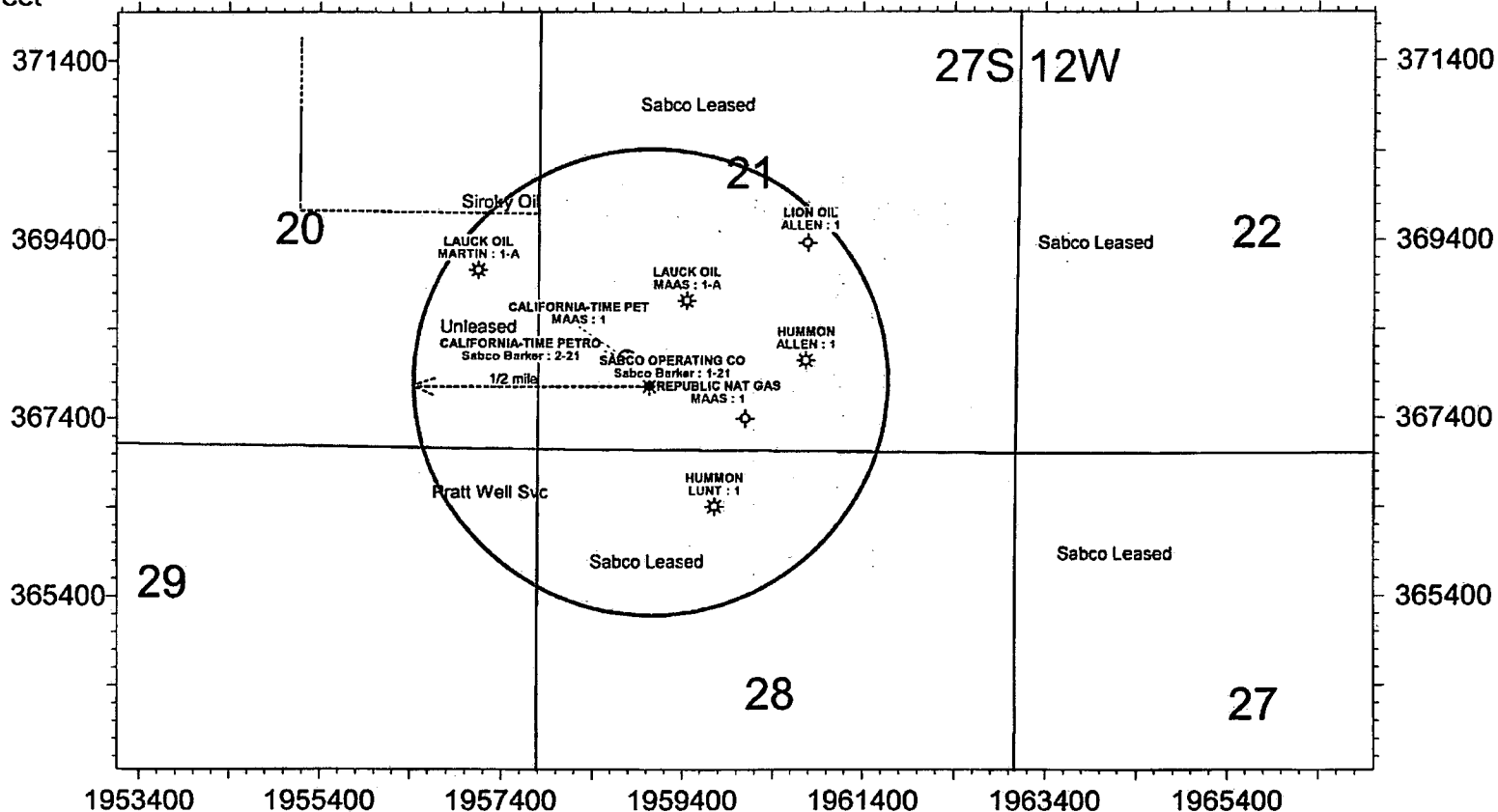
TUBING RECORD: Size: <u>2 3/8"</u> Set At: <u>4219'</u> Packer At: <u>none</u>		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>6/24/2010</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>45</u>	Gas Mcf <u>175</u>	Water Bbls. <u>17</u> Gas-Oil Ratio <u>3889</u> Gravity <u>42</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4160'-4212'</u>
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X/Y:
Feet

1953400 1955400 1957400 1959400 1961400 1963400 1965400



Sabco Operating Company
Wells within 1/2 Mile From Barker #1-21 Well
Pratt Co., KS
Scale = 1:24000

AFFIDAVIT

STATE OF KANSAS \
- SS.
County of Sedgwick /

Mark Fletchall, of lawful age, being first duly sworn, deposeth 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

November A.D. 2010 , with

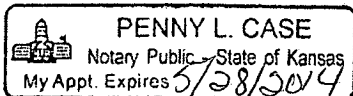
subsequent publications being made on the following dates:

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 November, 2010



Penny L. Case
Notary Public Sedgwick County, Kansas

Printer's Fee : \$108.40

LEGAL PUBLICATION

Legal Publication
Published in the Wichita Eagle
November 1, 2010 (3078918)
BEFORE THE STATE
CORPORATION COMMISSION OF
THE STATE OF KANSAS
NOTICE OF FILING APPLICATION
Re: Sabco Operating Company -Application
for permit to commingle production of the
Mississippian and Lansing formations of the
Barker 1-21, located in Pratt County,
Kansas.
To: All Oil and Gas Producers, Unleased
Mineral Interest Owners, Landowners, and
all persons whosever concerned.
You, and each of you are hereby notified
that the Sabco Operating Company has filed
an application to commingle production
from the Lansing and Mississippian
formations of the Barker 1-21 well located in
the SE NE SW SW Sec 21, 704' FSL, 1233'
FWL, T-27S, R-12W.
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
fifteen (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.
All persons interested or concerned shall
take notice of the foregoing and shall govern
themselves accordingly.
Sabco Operating Company
34 South Wynden Dr
Houston, TX 77056
Phone: 713-840-1980

AFFIDAVIT OF PUBLICATION

STATE OF KANSAS, PRATT, COUNTY SS:

Keith Lippoldt, being first duly sworn, deposes and says: That he is Publications Manager of the Pratt Tribune, a daily Newspaper printed in the State of Kansas, and published in and of general circulation in Pratt County, Kansas, with a general paid circulation on a daily basis in Pratt County, Kansas and that said newspaper is not a trade, religious or fraternal publication.

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

The attached was published on the following dates in a regular issue of said newspaper:

- 1st Publication November 2, 2010
- 2nd Publication _____, 2010
- 3rd Publication _____, 2010
- 4th Publication _____, 2010
- 5th Publication _____, 2010
- 6th Publication _____, 2010

Keith Lippoldt

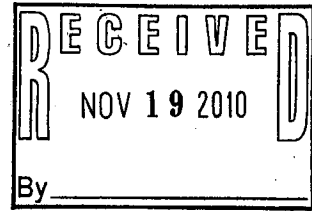
(Publications Manager)

SUBSCRIBED and sworn to before me this

2 day of November, 2010

Julie A. Chenoweth
(Notary Public)

JULIE A. CHENOWETH
Notary Public - State of Kansas
My Appt. Expires 3/21/2014



Published in the Pratt Tribune
On November 02, 2010

Public Notice

BEFORE THE STATE
CORPORATION
COMMISSION OF THE
STATE OF KANSAS

NOTICE OF FILING APPLICATION
Re: Sabco Operating Company - Application for permit to commingle production of the Mississippian and Lansing formations of the Barker 1-21, located in Pratt County, Kansas.

To: All Oil and Gas Producers, Unleased Mineral Interest Owners, Landowners, and all persons whose- ever concerned.

You, and each of you are hereby notified that the Sabco Operating Company has filed an application to commingle production from the Lansing and Mississippian formations of the Barker 1-21 well located in the SE NE SW SW Sec 21, 704' FSL, 1233' FWL, T-27S, R-12W.

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 fifteen (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.

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

Sabco Operating Company
34 South Wynden Dr
Houston, TX 77056
Phone: 713-840-1980



Offset Operators/Lessee of Record and Unleased Mineral Owners Within 1/2 – Mile Radius of the Barker 1-21 well, Pratt County, KS

The undersigned hereby certifies that he is duly authorized agent for the applicant, and that a true and correct copy of the ACO-4 was mailed on December 1, 2010 to the following parties:

Pratt Well Services
P.O. Box 847
Pratt, KS 67124-0847
Via Certified Manil Piece No. 7007 3020 0000 5165 9360


Siroky Oil Management Inc
205 S. Main St
Pratt, KS 67124
Via Certified Manil Piece No. 7007 3020 0000 5165 9353

Mae B. Caspari
151 Rhett Ave.
Springdale, AR 72762-9007
Via Certified Manil Piece No. 7007 3020 0000 5165 9346


Applicant's Duly Authorized Agent

Max Jameson, Regulatory Manager

Subscribed and sworn before me this 2nd day of December, 2010


Notary Public



My commission expires: 10.30.2014



Mark Parkinson, Governor
Thomas E. Wright, Chairman
Joseph F. Harkins, Commissioner
Ward Loyd, Commissioner

December 17, 2010

Max Jameson
SABCO Operating Company
34 S. Wynden
Houston, TX 77056

RE: Approved Commingling CO121001
Barker 1-21, Sec. 21-T27S-R12W, Pratt County
API No. 15-151-22350-00-00

Dear Mr. Jameson:

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 December 2, 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	
Lansing	3	20	20	3740-3748
Mississippian	7	26	30	4160-4212
Total Estimated Current Production	10	46	50	

Based upon the depth of the Mississippian 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 re-completion of the well to commingle.

Commingling ID number CO121001 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