

OPERATOR Barbour Energy Corporation DOCKET # CO050502 DATE 5/25/2005

ADDRESS P.O. Box 13480 OPERATOR'S LICENSE # 08967

Oklahoma City, OK 73113 API NO. 15- 175-21946-00-00

LEASE Devil's Claw WELL NO. 1-19

QUARTER SE SEC 19 TWP 33S RGE 31 E       
W X

COMINGLING 82-3-123

X 1. Description of the well.  
A plat showing:

*SEC 19.33-31  
Deleted from Hugobow  
Per APPENDIX B of  
BPO. (RSE/ICU)*

- a) Location of subject well.
- b) Location of other wells on the lease.
- c) Location of offsetting wells and operator's name.

X 2. Names and upper and lower limits of the source of supply involved.

(NAME) Herrington (PERFS) 2578-2584

(NAME) Krider (Chase) (PERFS) 2610-2630 & 2654-2664

(NAME) Middle Morrow (PERFS) 5742-5754

X 3. Wireline log of the subject well. -already submitted with the ACO-1 form.

X 4. A complete ACO-1 form.

X 5. Expected production, oil-gas-water, for each source of supply.

FORMATION Herrington BOPD      MCF 20 BWPD 2

FORMATION Krider (Chase) BOPD      MCF 40 BWPD 6

FORMATION M Morrow BOPD      MCF 40 BWPD 6

FORMATION      BOPD      MCF      BWPD     

ESTIMATED COMBINED TOTAL      BOPD      MCF 100 BWPD 14

X 6. Application shall be supported by an Affidavit and shall contain a certificate showing service of a copy of the application without attachments to the offsetting operators. You are responsible for this. Unless waivers are obtained, applications are held for fifteen days to give offsetting operators time to file objections. If waivers are obtained, applications can be processed immediately. If objections are filed, applications are then set for hearing.

RECEIVED  
MAY 31 2005  
KCC WICHITA

**EXHIBIT "A"**

***CERTIFICATE OF SERVICE***

Ensign Operating Company  
900 36<sup>th</sup> Ave NW  
Suite 204  
Norman, OK 73072-4167

**18-33S-31W: C NW NW & SW SE NW & S2 N2 SE**  
**13-33S-32W: SW NE SE & NE NW &**  
**NE SW NE & NE NE SW**

Oil Producers, Inc. of Kansas  
P.O. Box 8647  
2400 N. Woodlawn, Suite 230  
Wichita, KS 67208-0647

**19-33S-31W: SW NW NW**  
**24-33S-32W: NE NE NW**

Becker Oil Company  
2040 Milford Ln.  
Garden City, KS 67846

**18-33S-31W: NW SE SW**

Kaiser-Francis Oil Company  
P.O. Box 21468  
6733 S. Yale  
Tulsa, OK 74121-1468

**17-33S-31W: SW SW SE**  
**18-33S-31W: E2 NW NE**

Anadarko Petroleum Corporation  
P.O. Box 1330  
Houston, TX 77251-1330

**30-33S-31W: C NE SW**

Merit Energy Company  
13727 Noel Road  
Suite 500  
Dallas, TX 75240

**30-33S-31W: C NE SW**  
**25-33S-32W: SW NE NW & NW NE SE**

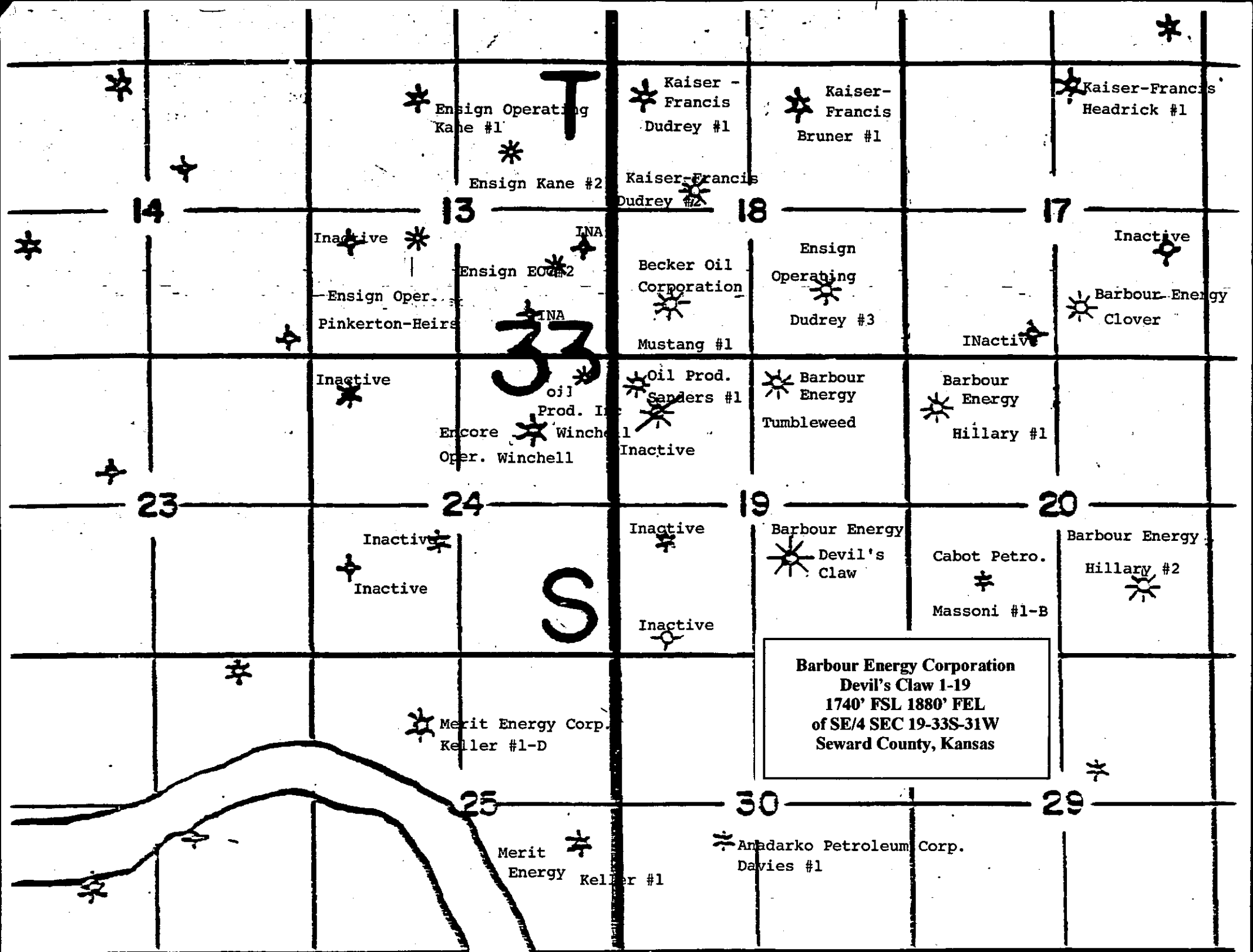
Cabot Oil & Gas Corporation  
formerly: Cabot Petroleum Corporation  
1200 Enclave Parkway  
Houston, TX 77077

**29-33S-31W: C SW NE**

Encore Operating Company  
1601 Blake Street  
Suite 500  
Denver, CO 80202

**24-33S-32W: W2 E2 NE**

**RECEIVED**  
**MAY 31 2005**  
**KCC WICHITA**



**T**

\* Ensign Operating Kane #1

\* Kaiser - Francis Dudrey #1

\* Kaiser-Francis Bruner #1

\* Kaiser-Francis Headrick #1

14

13

18

17

Inactive \*

INA \*

Ensign EOC #2

Becker Oil Corporation \*

Ensign Operating \*

Inactive \*

Ensign Oper. Pinkerton-Heirs \*

INA \*

Mustang #1 \*

Dudrey #3 \*

INACTIVE \*

Barbour-Energy Clover \*

**33**

Inactive \*

oil Prod. In \*

Oil Prod. Sanders #1 \*

Barbour Energy Tumbleweed \*

Barbour Energy Hillary #1 \*

Encore Oper. Winchell \*

Winchell #1 Inactive \*

23

24

19

20

Inactive \*

Inactive \*

Barbour Energy Devil's Claw \*

Cabot Petro. \*

Barbour Energy Hillary #2 \*

Inactive \*

**S**

Inactive \*

Massoni #1-B \*

Barbour Energy Corporation  
Devil's Claw 1-19  
1740' FSL 1880' FEL  
of SE/4 SEC 19-33S-31W  
Seward County, Kansas

Merit Energy Corp. Keller #1-D \*

25

30

29

Merit Energy Keller #1 \*

Anadarko Petroleum Corp. Davies #1 \*

(ORDER BY NUMBER)

State of Oklahoma

Affidavit

Oklahoma County,

ss:

of J. Wayne Barbour

of lawful age, being first duly sworn, deposes and says as follows:

The attached Exhibit "A" reflects the companies and their addresses where a copy of the commingling application was sent. The notice to commingle was sent by certified mail on the 23rd of May 2005.

RECEIVED
MAY 31 2005
KCC WICHITA

J. Wayne Barbour

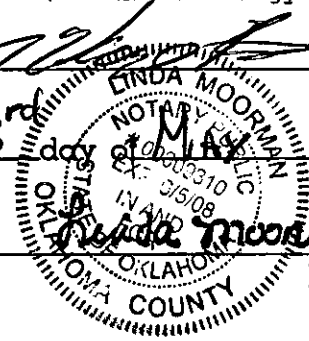
President, Barbour Energy Corporation

Subscribed and sworn to before me this

23rd

day of May

2005



Notary Public.

My Commission expires 00009310

STATE OF OKLAHOMA, County of \_\_\_\_\_, ss:

Individual Acknowledgment

Before me, the undersigned, a Notary Public in and for said County and State on this \_\_\_\_\_ day of

\_\_\_\_\_, 19\_\_\_\_, personally appeared \_\_\_\_\_

to me known to be the identical person who executed the within and foregoing instrument and acknowledged to me that \_\_\_\_\_ executed the same as \_\_\_\_\_ free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and seal of office the day and year last above written.

My commission expires \_\_\_\_\_

Notary Public.

INDIVIDUAL ACKNOWLEDGMENT

(Oklahoma Form)

STATE OF \_\_\_\_\_ County of \_\_\_\_\_, ss:

Before me the undersigned, a Notary Public, in and for said County and State, on this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, personally appeared \_\_\_\_\_

to me known to be the identical person \_\_\_\_\_ who executed the within and foregoing instrument and acknowledged to me that \_\_\_\_\_ executed the same as \_\_\_\_\_ free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and seal the day and year last above written.

My commission expires: \_\_\_\_\_ Notary Public

2000 JUN 1 11 11

FORM NO. 201 (ORDER BY NUMBER)	<b>AFFIDAVIT</b>	Made by	of	Taken by	Date

# KANSAS

CORPORATION COMMISSION

KATHLEEN SEBELIUS, GOVERNOR  
BRIAN J. MOLINE, CHAIR  
ROBERT E. KREHBIEL, COMMISSIONER  
MICHAEL C. MOFFET, COMMISSIONER

June 22, 2005

J. Wayne Barbour  
Barbour Energy Corporation  
PO Box 13480  
Oklahoma City OK 73113

Logged in  
RSDMS  
6/22/05

RE: **API No. 15-175-21946-00-00**  
**Devil's Claw #1-19**  
**NW SE 19-33-31W**  
**Seward County, Kansas**

COPY

Dear Mr. Barbour:

Your "Application for Commingling" (ACO-4) for the above described well has been technically reviewed and approved by the Kansas Corporation Commission (KCC) per **K.A.R. 82-3-123a**. This application, which was received by the KCC on **May 31, 2005**, concerns approval to simultaneously produce from the following **three** sources of supply through the same tubing string in the same wellbore: the **Herrington (Chase), Krider (Chase), and Middle Morrow**.

According to your application, the estimated current production from each source of supply is: **20 MCFGPD and 2 BWPD** from the **Herrington**, **40 MCFGPD and 6 BWPD** from the **Krider**, and **40 MCFGOD and 6 BWPD** from the **Chester Sand**. The total estimated current production from all sources of supply in the subject well is **100 MCFGPD and 14 BWPD**. Included in this application was operator verification that the offset operators had been formally notified of this application. No protest had been filed within the 15-day protest period.

Based upon the depth of the **Middle Morrow** formation perforations, total oil production shall not exceed **200 BOPD** and total gas production shall not exceed **50%** of open flow. Docket Number **CO 050502** has been assigned to this approved application. Please use this number for well completion reports (ACO-1) and other correspondence that may concern this approved commingling.

Sincerely,



Bob Petersen

Geologist/KCC Production

DepartmentM:\PROD\Production\_Shared\Prod\_2005\AD-ORD\COMMINGLING\BARBOUR ENERGY\CO

050502.doc