



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1257619  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

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
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx)      (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ 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: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

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.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1257619

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input 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

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				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

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

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	H & B Petroleum Corp.
Well Name	Setser Trust 1
Doc ID	1257619

All Electric Logs Run

Borehole Compensated
Dual Induction
Sector Bond Log
Microresistivity
Dual Comp Porosity

Form	ACO1 - Well Completion
Operator	H & B Petroleum Corp.
Well Name	Setser Trust 1
Doc ID	1257619

Tops

Name	Top	Datum
Heebner	3046	
Toronto	3064	
Douglas	3078	
Brown Lime	3174	
Lansing	3190	
Base Kansas City	3397	
Conglomerate	3404	
Arbuckle	3444	

# GLOBAL CEMENTING, L.L.C.

1702

REMIT TO 18048 170RD  
RUSSELL, KS 67665

SERVICE POINT: Russell/15

DATE <u>6-27-15</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START <u>2:15pm</u>	JOB FINISH <u>2:45pm</u>
LEASE <u>5250r</u>	WELL #. <u>1</u>	LOCATION			COUNTY <u>Shelburne</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (CIRCLE ONE)							

CONTRACTOR <u>Southwind #3</u>	
TYPE OF JOB <u>Long Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D.
CASING SIZE <u>8 5/8</u>	DEPTH <u>637</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>3047</u>	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>          </u>	
PERFS	
DISPLACEMENT <u>3874/31</u>	EQUIPMENT
PUMP TRUCK # <u>P#2</u>	CEMENTER <u>Heath</u>
	HELPER <u>Woody</u>
BULK TRUCK # <u>B#3</u>	DRIVER <u>Nathan</u>
BULK TRUCK #	DRIVER

OWNER	
CEMENT AMOUNT ORDERED <u>400sr com 3%GCC</u>	
<u>2%gel</u>	
COMMON	@
POZMIX	@
GEL	@
CHLORIDE	@
ASC	@
	@
	@
	@
	@
	@
	@
	@
	@
HANDLING	@
MILEAGE	@
TOTAL	

REMARKS:  
Ran 16515 of 8 5/8 casing & landing 14  
est circulation  
mix 400sr and release plug and disp  
3874/31 of 420 - shut in @ 275psi  
Cement did circulate

CHARGE TO: 1400 Petco  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

Global Cementing, L.L.C.,  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side. I thank you.

PRINTED NAME Jay Khiet  
 SIGNATURE Jay Khiet

SERVICE	
DEPTH OF JOB	
PUMP TRUCK CHARGE	
EXTRA FOOTAGE	@
MILEAGE	@
MANIFOLD	@
	@
	@
TOTAL	

PLUG & FLOAT EQUIPMENT	
	@
	@
	@
	@
	@
TOTAL	

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

# GLOBAL CEMENTING, L.L.C.

1727

REMIT TO 18048 170RD  
RUSSELL, KS 67665

SERVICE POINT:

RUSSELL, KS

DATE <u>7-3-15</u>	SEC. <u>11</u>	TWP. <u>213</u>	RANGE <u>12W</u>	CALLED OUT	ON LOCATION	JOB START <u>11:30 AM</u>	JOB FINISH <u>5:30 PM</u>
LEASE <u>Service Truck</u>	WELL #.	LOCATION		COUNTY	STATE		
OLD OR <input checked="" type="radio"/> NEW (CIRCLE ONE)							

CONTRACTOR Southern Drilling RLL3  
 TYPE OF JOB Pipe Job  
 HOLE SIZE 7 1/2 T.D.  
 CASING SIZE 5 1/2 DEPTH 3543.16  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT 3587  
 CEMENT LEFT IN CSG. 10.00  
 PERFS  
 DISPLACEMENT 87.5 M2

OWNER  
 CEMENT AMOUNT ORDERED 180 sq com  
10% salt 2% oil 2% water

EQUIPMENT  
 PUMP TRUCK CEMENTER Bill  
 # 81 HELPER ...  
 BULK TRUCK  
 # 57 DRIVER ...  
 BULK TRUCK  
 # DRIVER

COMMON @  
 POZMIX @  
 GEL @  
 CHLORIDE @  
 ASC @  
 HANDLING @  
 MILEAGE @

REMARKS:

...  
...  
...  
...

CHARGE TO: HAB Petroleum  
 STREET  
 CITY STATE ZIP

Global Cementing, L.L.C.,  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Mike Harrison  
 SIGNATURE [Signature]

TOTAL

SERVICE

DEPTH OF JOB  
 PUMP TRUCK CHARGE  
 EXTRA FOOTAGE @  
 MILEAGE @  
 MANIFOLD @

TOTAL

PLUG & FLOAT EQUIPMENT

5/8 NEW 3000 @  
5/8 ON RIG + PLUG @  
5/8 PLUG @  
5/8 PLUG @  
5/8 PLUG @

TOTAL

SALES TAX (If Any)  
 TOTAL CHARGES  
 DISCOUNT IF PAID IN 30 DAYS



**DIAMOND TESTING, LLC**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
SetserTrust1dst1

Company H & B Petroleum Corporation Lease & Well No. Setser Trust No. 1  
Elevation 1839 Sur Formation Lansing "A-C" Effective Pay \_\_\_\_\_ Ft. Ticket No. RR178  
Date 6-30-15 Sec. 4 Twp. 21S Range 12W County Stafford State Kansas  
Test Approved By Clint Musgrove Diamond Representative Ricky Ray

Formation Test No. 1 Interval Tested from 3,192 ft. to 3,240 ft. Total Depth 3,240 ft.  
Packer Depth 3,187 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Packer Depth 3,192 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Depth of Selective Zone Set \_\_\_\_\_ ft.

Top Recorder Depth (Inside) 3,182 ft. Recorder Number 0062 Cap. 5,000 psi.  
Bottom Recorder Depth (Outside) 3,230 ft. Recorder Number 5954 Cap. 5,000 psi.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 3 Drill Collar Length \_\_\_\_\_ ft. I.D. \_\_\_\_\_ in.  
Mud Type Chemical Viscosity 50 Weight Pipe Length \_\_\_\_\_ ft. I.D. \_\_\_\_\_ in.  
Weight 8.9 Water Loss 8.8 cc. Drill Pipe Length 3,167 ft. I.D. 3 1/2 in.  
Chlorides 3,000 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2-IF in.  
Jars: Make Sterling Serial Number Not Run Anchor Length 48 ft. Size 4 1/2-FH in.  
Did Well Flow? Yes Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.  
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: 5 in. blow increasing. Off bottom of bucket in 35 secs. Gas to surface in 2 mins. Bottom of bucket blow back during shut-in. (SEE GAS VOLUME REPORT)  
2nd Open: 7 in. blow increasing. Off bottom of bucket in 30 secs. Gas to surface in 2 mins. Bottom of bucket blow back during shut-in. (SEE GAS VOLUME REPORT)

Recovered 3,033 ft. of gas in pipe  
Recovered 132 ft. of mud = 1.878360 bbls. (Grind out: 100%-mud)  
Recovered 132 ft. of TOTAL FLUID = 1.878360 bbls.  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Remarks Tool Sample Grind Out: 1%-oil; 99%-mud

Time Set Packer(s) 1:05 A.M. Time Started off Bottom 3:30 A.M. Maximum Temperature 107°  
Initial Hydrostatic Pressure.....(A) 1552 P.S.I.  
Initial Flow Period.....Minutes 10 (B) 831 P.S.I. to (C) 912 P.S.I.  
Initial Closed In Period.....Minutes 60 (D) 1168 P.S.I.  
Final Flow Period.....Minutes 15 (E) 833 P.S.I. to (F) 953 P.S.I.  
Final Closed In Period.....Minutes 60 (G) 1163 P.S.I.  
Final Hydrostatic Pressure.....(H) 1579 P.S.I.



**DIAMOND TESTING, LLC**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
SetserTrust1dst2

Company H & B Petroleum Corporation Lease & Well No. Setser Trust No. 1  
Elevation 1839 Sur Formation Lansing "D-F" Effective Pay \_\_\_\_\_ Ft. Ticket No. RR179  
Date 6-30-15 Sec. 4 Twp. 21S Range 12W County Stafford State Kansas  
Test Approved By Clint Musgrove Diamond Representative Ricky Ray

Formation Test No. 2 Interval Tested from 3,244 ft. to 3,275 ft. Total Depth 3 275 ft  
Packer Depth 3,239 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Packer Depth 3,244 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Depth of Selective Zone Set \_\_\_\_\_ ft.

Top Recorder Depth (Inside) 3,234 ft. Recorder Number 0062 Cap. 5,000 psi.  
Bottom Recorder Depth (Outside) 3,247 ft. Recorder Number 5954 Cap. 5,000 psi.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 3 Drill Collar Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
Mud Type Chemical Viscosity 54 Weight Pipe Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
Weight 9.2 Water Loss 9.2 cc. Drill Pipe Length 3,219 ft I.D. 3 1/2 in.  
Chlorides 5,800 P.P.M. Test Tool Length 25 ft Tool Size 3 1/2-IF in.  
Jars: Make Sterling Serial Number Not Run Anchor Length 31 ft. Size 4 1/2-FH in.  
Did Well Flow? Yes Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.  
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: 6 in. blow increasing. Off bottom of bucket in 25 secs. Gas to surface in 2 mins. Bottom of bucket blow back during shut-in. (SEE GAS VOLUME REPORT)  
2nd Open: 9 in. blow increasing. Off bottom of bucket in 15 secs. Gas to surface in 2 mins. Bottom of bucket blow back during shut-in. (SEE GAS VOLUME REPORT)

Recovered 3,167 ft. of gas in pipe  
Recovered 52 ft. of slightly oil cut mud = .739960 bbls. (Grind out: 1%-oil; 99%-mud)  
Recovered 52 ft. of TOTAL FLUID = .739960 bbls.  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Remarks Tool Sample Grind Out: 2%-oil; 98%-mud

Time Set Packer(s) 1:06 P.M. Time Started off Bottom 4:06 P.M. Maximum Temperature 102°  
Initial Hydrostatic Pressure.....(A) 1566 P.S.I.  
Initial Flow Period.....Minutes 30 (B) 176 P.S.I. to (C) 174 P.S.I.  
Initial Closed In Period.....Minutes 45 (D) 1084 P.S.I.  
Final Flow Period.....Minutes 45 (E) 158 P.S.I. to (F) 159 P.S.I.  
Final Closed In Period.....Minutes 60 (G) 1076 P.S.I.  
Final Hydrostatic Pressure.....(H) 1579 P.S.I.





**DIAMOND TESTING, LLC**  
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 (620) 653-7550 • (800) 542-7313  
 SetserTrust1dst3

Company H & B Petroleum Corporation Lease & Well No. Setser Trust No. 1  
 Elevation 1839 Sur Formation Lansing "H-J" Effective Pay \_\_\_\_\_ Ft. Ticket No. RF  
 Date 7-1-15 Sec. 4 Twp. 21S Range 12W County Stafford State Kansas  
 Test Approved By Clint Musgrove Diamond Representative Ricky Ray

Formation Test No. 3 Interval Tested from 3,310 ft. to 3,370 ft. Total Depth 3,370 ft.  
 Packer Depth 3,305 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Packer Depth 3,310 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Depth of Selective Zone Set \_\_\_\_\_ ft.

Top Recorder Depth (Inside) 3,300 ft. Recorder Number 0062 Cap. 5,00  
 Bottom Recorder Depth (Outside) 3,347 ft. Recorder Number 5954 Cap. 5,00  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_

Drilling Contractor Southwind Drilling, Inc. - Rig 3 Drill Collar Length \_\_\_\_\_ ft I.D. \_\_\_\_\_  
 Mud Type Chemical Viscosity 55 Weight Pipe Length \_\_\_\_\_ ft I.D. \_\_\_\_\_  
 Weight 9.6 Water Loss 10.4 cc. Drill Pipe Length 3,285 ft I.D. 3 1  
 Chlorides 6,000 P.P.M. Test Tool Length 25 ft Tool Size 3 1/2  
 Jars: Make Sterling Serial Number Not Run Anchor Length 28' perf. w/32' drill pipe Size 4 1/2-F  
 Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size \_\_\_\_\_  
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2->

Blow: 1st Open: 4 in. blow increasing. Off bottom of bucket in 36 secs. Gas to surface in 13 mins. Bottom of bucket blow back during shut-in. (SEE GAS VOLUME RE  
 2nd Open: 12 in. blow increasing. Off bottom of bucket immediately. Bottom of bucket blow back during shut-in. (SEE GAS VOLUME REPORT)

Recovered 2,154 ft. of gas in pipe  
 Recovered 1,000 ft. of oil = 14.230000 bbls. (Grind out: 100%-oil) Gravity: 36 @ 60°  
 Recovered 70 ft. of slightly oil cut mud = .996100 bbls. (Grind out: 2%-oil; 98%-mud)  
 Recovered 62 ft. of oil & gas cut muddy water = .882260 bbls. (Grind out: 20%-gas; 6%-oil; 49%-water; 25%-mud)  
 Recovered 1,132 ft. of TOTAL FLUID = 16.108360 bbls. Chlorides: 72,000 Ppm PH: 7.0 RW: .11 @  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Remarks Tool Sample Grind Out: Blown out.

Time Set Packer(s) 6:22 A.M. Time Started off Bottom 9:22 A.M. Maximum Temperature 111°  
 Initial Hydrostatic Pressure .....(A) 1637 P.S.I.  
 Initial Flow Period.....Minutes 30 (B) 89 P.S.I. to (C) 272 P.S.I.  
 Initial Closed In Period.....Minutes 45 (D) 1014 P.S.I.  
 Final Flow Period.....Minutes 45 (E) 275 P.S.I. to (F) 438 P.S.I.  
 Final Closed In Period.....Minutes 60 (G) 978 P.S.I.  
 Final Hydrostatic Pressure.....(H) 1591 P.S.I.



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**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
SetserTrust1dst4

Company H & B Petroleum Corporation Lease & Well No. Setser Trust No. 1  
Elevation 1839 Sur Formation Arbuckle Effective Pay \_\_\_\_\_ Ft. Ticket No. R  
Date 7-2-15 Sec. 4 Twp. 21S Range 12W County Stafford State Kansas  
Test Approved By Clint Musgrove Diamond Representative Ricky Ray

Formation Test No. 4 Interval Tested from 3,390 ft. to 3,450 ft. Total Depth 3,450 ft.  
Packer Depth 3,385 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Packer Depth 3,390 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Depth of Selective Zone Set \_\_\_\_\_ ft.

Top Recorder Depth (Inside) 3,380 ft. Recorder Number 0062 Cap. 5,0  
Bottom Recorder Depth (Outside) 3,427 ft. Recorder Number 5954 Cap. 5,0  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_

Drilling Contractor Southwind Drilling, Inc. - Rig 3 Drill Collar Length \_\_\_\_\_ ft I.D. \_\_\_\_\_  
Mud Type Chemical Viscosity 55 Weight Pipe Length \_\_\_\_\_ ft I.D. \_\_\_\_\_  
Weight 9.6 Water Loss 10.4 cc. Drill Pipe Length 3,365 ft I.D. 3  
Chlorides 6,000 P.P.M. Test Tool Length 25 ft Tool Size 3 1/2  
Jars: Make Sterling Serial Number Not Run Anchor Length 28' perf. w/32' drill pipe Size 4 1/2-  
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size \_\_\_\_\_  
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-

Blow: 1st Open: 1 in. blow increasing. Off bottom of bucket in 2 mins. 2 in. blow back during shut-in.  
2nd Open: 1 in. blow increasing. Off bottom of bucket in 4 mins. 7 1/2 in. blow back during shut-in.

Recovered 1,188 ft. of gas in pipe  
Recovered 238 ft. of oil = 3.386740 bbls. (Grind out: 100%-oil) Gravity: 42 @ 60°  
Recovered 310 ft. of mud cut, gassy oil = 4.411300 bbls. (Grind out: 30%-gas; 55%-oil; 15%-mud)  
Recovered 548 ft. of TOTAL FLUID = 7.798040 bbls.  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Remarks Tool Sample Grind Out: 70%-oil; 30%-mud

Time Set Packer(s) 2:38 A.M. Time Started off Bottom 5:23 A.M. Maximum Temperature 109°  
Initial Hydrostatic Pressure.....(A) 1646 P.S.I.  
Initial Flow Period.....Minutes 30 (B) 62 P.S.I. to (C) 112 P.S.I.  
Initial Closed In Period.....Minutes 30 (D) 826 P.S.I.  
Final Flow Period.....Minutes 45 (E) 161 P.S.I. to (F) 199 P.S.I.  
Final Closed In Period.....Minutes 60 (G) 1010 P.S.I.  
Final Hydrostatic Pressure.....(H) 1612 P.S.I.



**DIAMOND TESTING, LLC**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
SetserTrust1dst5

Company H & B Petroleum Corporation Lease & Well No. Setser Trust No. 1  
Elevation 1839 Sur Formation Arbuckle Effective Pay \_\_\_\_\_ Ft. Ticket No. R  
Date 7-2-15 Sec. 4 Twp. 21S Range 12W County Stafford State Kansas  
Test Approved By Clint Musgrove Diamond Representative Ricky Ray

Formation Test No. 5 Interval Tested from 3,450 ft. to 3,465 ft. Total Depth 3,465 ft.  
Packer Depth 3,445 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Packer Depth 3,450 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Depth of Selective Zone Set \_\_\_\_\_ ft.

Top Recorder Depth (Inside) 3,440 ft. Recorder Number 0062 Cap. 5,0  
Bottom Recorder Depth (Outside) 3,452 ft. Recorder Number 5954 Cap. 5,0  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_

Drilling Contractor Southwind Drilling, Inc. - Rig 3 Drill Collar Length \_\_\_\_\_ ft. I.D. \_\_\_\_\_  
Mud Type Chemical Viscosity 49 Weight Pipe Length \_\_\_\_\_ ft. I.D. \_\_\_\_\_  
Weight 9.3 Water Loss 8.8 cc. Drill Pipe Length 3,425 ft. I.D. 3  
Chlorides 5,000 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2  
Jars: Make Sterling Serial Number Not Run Anchor Length 15 ft. Size 4 1/2  
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size \_\_\_\_\_  
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2

Blow: 1st Open: 5 in. blow increasing. Off bottom of bucket in 23 secs. 4 1/2 in. blow back during shut-in.

2nd Open: 1 in. blow increasing. Off bottom of bucket in 5 1/2 mins. 6 in. blow back during shut-in.

Recovered 972 ft. of gas in pipe  
Recovered 330 ft. of oil = 4.695900 bbls. (Grind out: 100%-oil) Gravity: 41 @ 60°  
Recovered 330 ft. of TOTAL FLUID = 4.695900 bbls.  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Remarks Tool Sample Grind Out: 100%-oil

Time Set Packer(s) 2:01 P.M. Time Started off Bottom 3:16 P.M. Maximum Temperature 110°  
Initial Hydrostatic Pressure.....(A) 1656 P.S.I.  
Initial Flow Period.....Minutes 10 (B) 74 P.S.I. to (C) 87 P.S.I.  
Initial Closed In Period.....Minutes 15 (D) 271 P.S.I.  
Final Flow Period.....Minutes 20 (E) 103 P.S.I. to (F) 129 P.S.I.  
Final Closed In Period.....Minutes 30 (G) 804 P.S.I.  
Final Hydrostatic Pressure.....(H) 1660 P.S.I.