

Cor	nfiden	tiality	/ Requested	:t
	Yes	N	10	

Kansas Corporation Commission Oil & Gas Conservation Division

1195265

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 #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R 🗌 East 🗌 West
Address 2:	Feet from North / South Line of Section
City:	Feet from
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx) Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:
□ Oil □ WSW □ SWD □ SIOW	Producing Formation:
Gas D&A ENHR SIGW	Elevation: Ground: Kelly Bushing:
☐ OG ☐ GSW ☐ Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. R East West
Recompletion Date Recompletion Date	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:

Page Two



Operator Name:			L	ease Name: _			Well #:	
Sec Twp	S. R	East We	est C	County:				
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in pres	sures, whether sh	ut-in pressur	e reached stati	c level, hydrosta	tic pressures, bott		
Final Radioactivity Lo files must be submitted					gs must be ema	iled to kcc-well-log	gs@kcc.ks.go	. Digital electronic log
Drill Stem Tests Taker (Attach Additional		Yes	No	L		n (Top), Depth an		Sample
Samples Sent to Geo	logical Survey	Yes	No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes Yes	No No					
List All E. Logs Run:								
		(CASING REC	ORD Ne	w Used			
		· ·		ıctor, surface, inte	ermediate, producti		T	
Purpose of String	Size Hole Drilled	Size Casin Set (In O.D		Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ADD	ITIONAL CEN	MENTING / SQL	JEEZE RECORD			
Purpose:	Depth Top Bottom	Type of Cem	ent #	Sacks Used		Type and Pe	ercent Additives	
Perforate Protect Casing	100 20111111							
Plug Back TD Plug Off Zone								
1 lag on zono								
Did you perform a hydrau	ulic fracturing treatment	on this well?			Yes	No (If No, ski)	o questions 2 ar	nd 3)
Does the volume of the to		•				_	o question 3)	(" 100 ")
Was the hydraulic fractur	ing treatment information	on submitted to the c	hemical disclo	sure registry?	Yes	No (If No, fill o	out Page Three	of the ACO-1)
Shots Per Foot		ION RECORD - Bri Footage of Each Int				cture, Shot, Cement		d Depth
	, ,				,		,	
TUBING RECORD:	Size:	Set At:	Pa	acker At:	Liner Run:			
						Yes No		
Date of First, Resumed	Production, SWD or Ef		cing Method: owing	Pumping	Gas Lift C	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls. G	as Mcf	Wate	er Bl	ols. G	ias-Oil Ratio	Gravity
DIODOCITI	ON OF CAS:		, 4 CT - 1		TION:		DRODUCTIO	AN INTEDVAL.
Vented Solo	ON OF GAS: Used on Lease	Open Ho		IOD OF COMPLE \Box		nmingled	PHODUCIIC	ON INTERVAL:
	bmit ACO-18.)	Other (S	necify)	(Submit		mit ACO-4)		

OPERATOR

Company: AARON J. WERTH DBA BLACKHAWK PRODUCTION COMPANY

1607 OAKMONT Address: HAYS, KANSAS 67601

Contact Geologist: AARON J. WERTH Contact Phone Nbr: 785-625-2041 Well Name: BRAUN #1

> Location: E2 SW SE NE Sec.3-14s-17w API: 15-051-26,678-00-00

TOULON Pool: Field: **KANSAS** State: Country: USA

Scale 1:240 Imperial

Well Name: BRAUN #1

Surface Location:

E2 SW SE NE Sec.3-14s-17w

Bottom Location:

15-051-26.678-00-00 API:

License Number: 32504 Spud Date: 3/14/2014 1:30 PM Time: Region: **ELLIS COUNTY** 8:34 PM Drilling Completed: 3/19/2014 Time:

Surface Coordinates: 2310' FNL & 977' FEL

Bottom Hole Coordinates:

Ground Elevation: 1993.00ft K.B. Elevation: 2000.00ft

Logged Interval: 2900.00ft To: 3567.00ft

Total Depth: 3567.00ft Formation: **ARBUCKLE**

CHEMICAL/FRESH WATER GEL Drilling Fluid Type:

SURFACE CO-ORDINATES

Well Type: Vertical Longitude: -99.1913082 Latitude: 38.8649472

N/S Co-ord: 2310' FNL E/W Co-ord: 977' FEL

LOGGED BY



Company: SOLUTIONS CONSULTING, INC.

108 W 35TH Address: HAYS, KS 67601

Phone Nbr: (785) 639-1337

HERB DEINES Logged By: **GEOLOGIST** Name:

CONTRACTOR

Contractor: DISCOVERY DRILLING, INC.

Rig #: 3

Rig Type: **MUD ROTARY** Spud Date: 3/14/2014

Time: 1:30 PM TD Date: 3/19/2014 8:34 PM Time: Rig Release: 3/21/2014 Time: 1:45 AM

ELEVATIONS

K.B. Elevation: 2000.00ft Ground Elevation: 1993.00ft

K.B. to Ground: 7.00ft

NOTES

RECOMMENDATION TO RUN PRODUCTION CASING TO FURTHER TEST ARBUCKLE. SHOWS IN ARBUCKLE UNUSUAL IN THAT THERE WAS NO SULFUR ODOR TYPICAL OF ARBUCKLE OILS AND FORMATION MATERIAL APPEARED TO BE MORE REWORKED DOLOMITE CONSISTING OF MANY TYPES OF POROUS MATERIAL WITH SATURATED STAINING AND FREE OIL. THE OIL PRODUCTIVE CLASTIC LIMESTONE BENCHES FOUND IN THE PLEASANTON SECTION IN THE BAUMRUCKER FIELD IN SOUTHEASTERN ELLIS COUNTY WOULD BE A COMPARISON MODEL IN THAT THE LIMESTONE BENCHES HAD TO BE PERFORATED AND ACIDIZED BEFORE PRODUCTIVE POTENTIAL COULD BE DETERMINED.

OPEN HOLE LOGGING BY GEMINI WIRELINE: DUAL INDUCTION LOG, COMPENSATED DENSITY/NEUTRON LOG, MICRO RESISTIVITY LOG

DRILL STEM TESTING BY TRILOBITE TESTING, INC: TWO (2) CONVENTIONAL TESTS

FORMATION COMPARISON CHART AND CHRONOLOGY OF DAILY ACTIVITY

BRAUN #1	BRAUN #2	BROWN # B1
2310'FNL&977'FEL	NW NE SE	SE SE NE
SEC.3-14S-17W	SEC.3-14-17W	SEC.3-14-17W
1993 4'GL 2000'KB		

FORMATION	LOG TOPS	LOG TOPS	LOG TOPS
Anhydrite B-Anhydrite Topeka	1180 +820 1218 +782 2989 -989	+ 816 + 781 - 985	+820 +779
Heebner Sh. Toronto	3237-1237 3258-1258	-1235	-1244 -1264
LKC	3287-1287	-1179	-1294

BKC 3510-1510 -1498 -1525

Rework Arbuckle 3522-1522

Arbuckle -1511 -not reached

RTD -1538 -1565 3567-1567

CHRONOLOGY OF DAILY ACTIVITY

3-14-14 RU, Spud 1:30 PM,

3-15-14 835', drill to 1192', set 8 5/8" surface casing to 1191.6' w/425 sxs

Common 2%gel 3%CC, plug down 11:30PM, slope 1 degree, WOC

1192', WOC, drill plug 11:30 AM 3-16-14

3-17-14 2210', drilling

3075', drilling, displaced 2850' 3-18-14

3549', CFS 3535', CFS 3549', Short trip-20 stands, TOWB, DST # 1 3-19-14

3510' to 3549', TIWB, CFS 3555', CFS 3560', CFS 3567', RTD 3567' @

8:34 PM, TOWB, DST # 2 3548' to 3567'

3-20-14 3567', finish DST # 2, log behind DST # 2, decision to run casing,

TIWB, LDDP, run casing and cement.

3-21-14 3567', finish cementing, plug down 1:15AM, rig released 1:45AM

DST # 1 3510' TO 3549' ARBUCKLE



DRILL STEM TEST REPORT

Blackhaw k Production Company 3-14S-17W Ellis, KS

1607 Oakmont Braun #1

Hays, KS 67601 Job Ticket: 54019

ATTN: Herb Deines Test Start: 2014.03.19 @ 07:25:42

GENERAL INFORMATION:

Formation: Arbuckle

Deviated: Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial) No

Time Tool Opened: 10:36:42 Tester: Brannan L

Time Test Ended: 15:40:12 Unit No: 48

3510.00 ft (KB) To 3549.00 ft (KB) (TVD) Interval:

Reference Bevations: Total Depth: 3549.00 ft (KB) (TVD)

1992.00 ft (CF) Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 8372 Inside

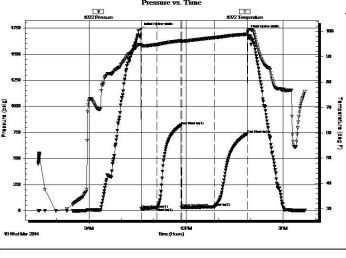
Press@RunDepth: 38.07 psig @ 3545.00 ft (KB) 8000.00 psig Capacity: Start Date: 2014.03.19 End Date: 2014.03.19 Last Calib.: 2014.03.19 Time On Btm: 2014.03.19 @ 10:36:12 Start Time: 07:25:43 End Time: 15:40:12 Time Off Btm: 2014.03.19 @ 13:54:12

TEST COMMENT: 30- IF- Slow ly built to 2.5"

45- ISI- No blow

60- FF- Built very slow ly to 2"

60- FSI- No blow



PRESSURE SUMMARY

	Time	Pressure	Temp	Annotation	
	(Min.)	(psig)	(deg F)		
	0	1737.87	94.80	Initial Hydro-static	
	1	18.45	94.10	Open To Flow (1)	
	30	28.25	94.83	Shut-In(1)	
-	74	819.03	96.29	End Shut-In(1)	
3	76	31.45	96.09	Open To Flow (2)	
Temperature (deg F)	136	38.07	97.54	Shut-In(2)	
6	197	736.36	98.91	End Shut-In(2)	
J	198	1712.55	99.72	Final Hydro-static	

Recover

Length (ft)	Description	Volume (bbl)
55.00	OCM, 40%O 60%M	0.48
0.00	10' GIP	0.00
		2

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

DST#: 1

2000.00 ft (KB)

Trilobite Testing, Inc

Ref. No: 54019

Printed: 2014.03.19 @ 15:54:25

DST # 2 3548' TO 3567' ARBUCKLE



DRILL STEM TEST REPORT

Blackhaw k Production Company

3-14S-17W Ellis, KS

1607 Oakmont

Hays, KS 67601

Braun #1

Job Ticket: 54020 DST#: 2

ATTN: Herb Deines

End Time:

Test Start: 2014.03.19 @ 22:37:01

GENERAL INFORMATION:

Formation: Arbuckle Deviated:

Time Tool Opened: 01:00:01

Time Test Ended: 05:57:31

Interval:

Total Depth:

Hole Diameter:

No Whipstock: ft (KB)

3548.00 ft (KB) To 3567.00 ft (KB) (TVD)

7.88 inchesHole Condition: Fair

3567.00 ft (KB) (TVD)

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan L

48

Unit No:

2000.00 ft (KB)

Reference Bevations:

1992.00 ft (CF)

8000.00 psig

KB to GR/CF: 8.00 ft

Serial #: 8372 Inside

Press@RunDepth: 47.81 psig @ Start Date: 2014.03.19 Start Time: 22:37:02

3564.00 ft (KB) Capacity: 2014.03.20 End Date:

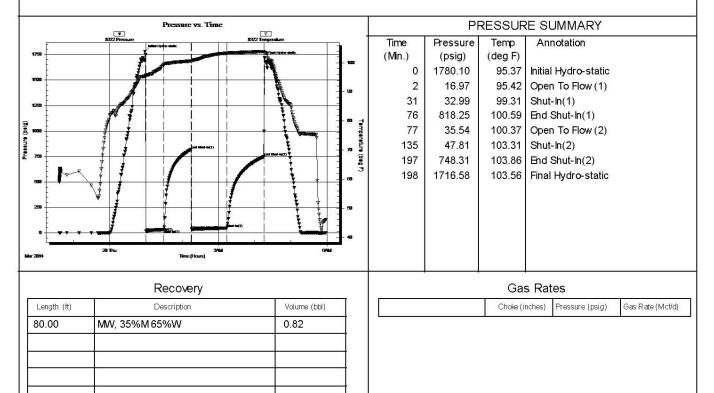
05:57:31

Last Calib.: 2014.03.20 Time On Btm: 2014.03.20 @ 00:58:31

Time Off Btm: 2014.03.20 @ 04:16:31

TEST COMMENT: 30- IF- Slow ly built to 2.5"

45- ISI- No blow 60- FF- Slow ly built to 3" 60- FSI- No blow



* Recovery from multiple tests Trilobite Testing, Inc Ref. No: 54020 Printed: 2014.03.20 @ 07:35:20

ROCK TYPES Clystgy Lmst fw7> shale, gry shale, red Lmst fw<7 shale, grn Dolprim Carbon Sh

MINERAL

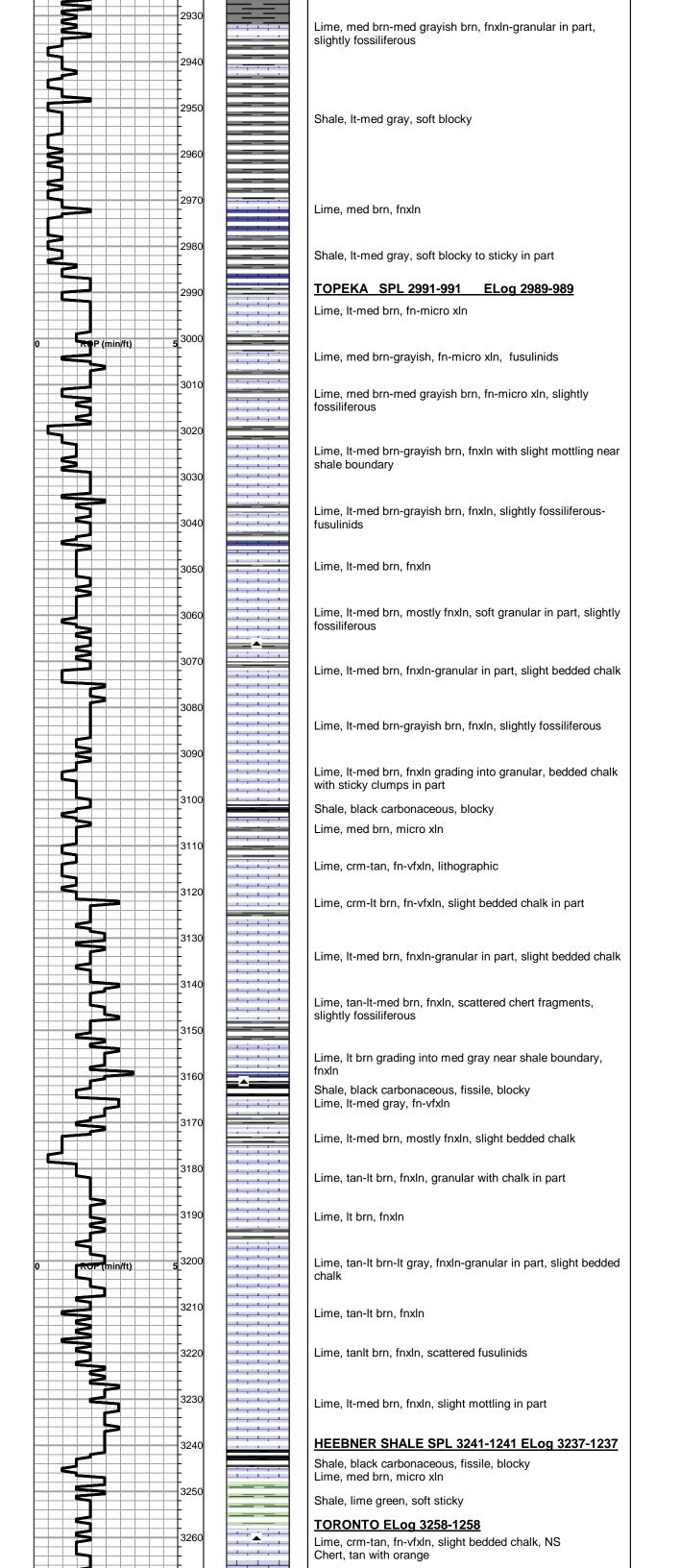
▲ Chert, dark

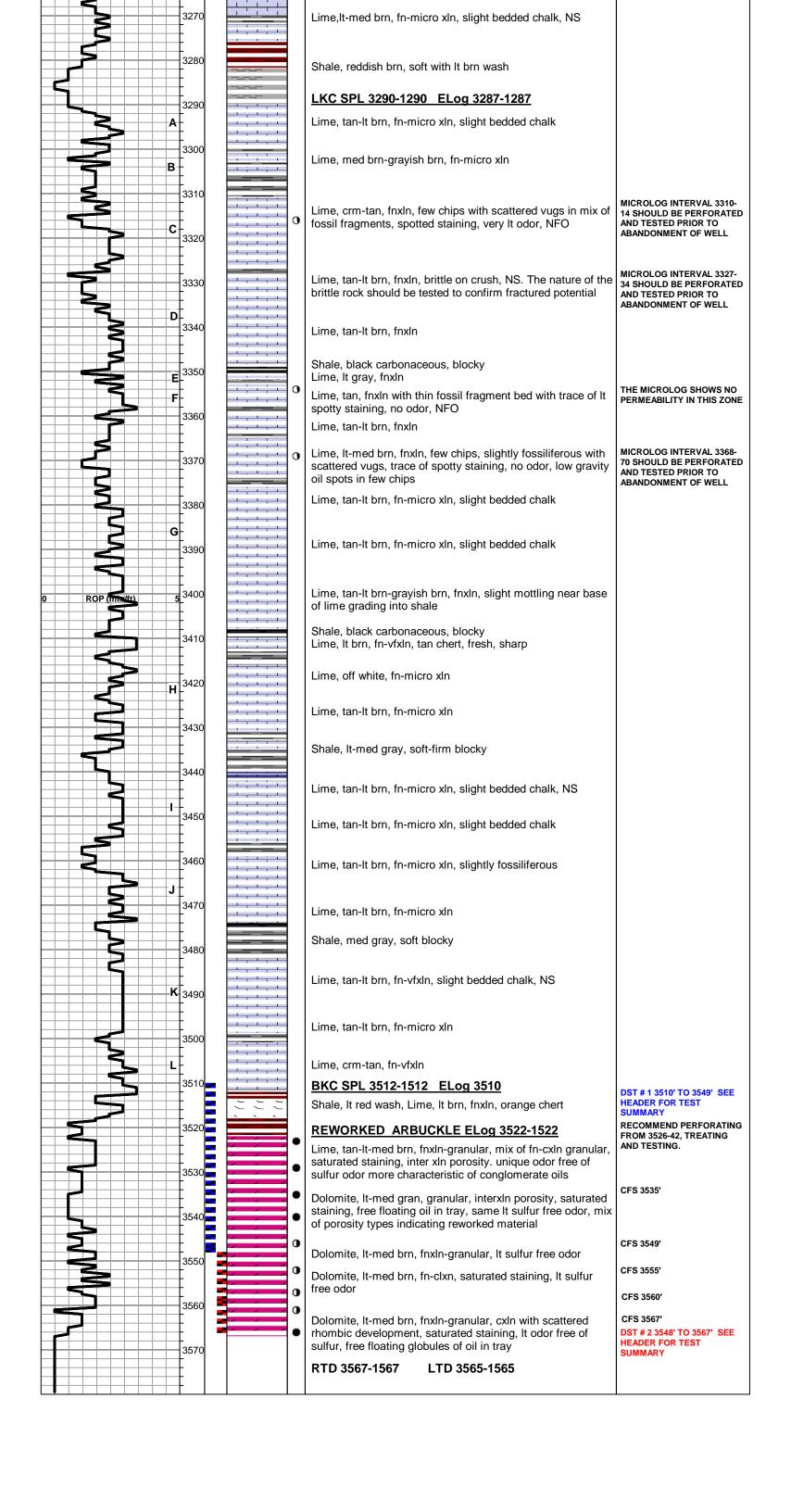
Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca) Curve Track #1 ROP (min/ft) Depth | Intervals Oil Show DST Geological Descriptions **Cored Interval** DST Interval 1:240 Imperial ROP (min/ft) 1:240 Imperial BEGIN 1' DRILL TIME FROM 2900' TO RTD 8 5/8" SURFACE CASING SET 2900 BEGIN 10' WET AND DRY SAMPLES FROM 2950' TO TO 1191.6' W/ 425 SXS COMMON 2% 3%CC SLOPE 1 DEGREE @1192' **ANHYDRITE TOP 1180+820** 2910

ANHYDRITE BASE 1218+779

2920

Lime, med-dark brn, fn-vfxln, fossiliferous-fusulinids







Blackhaw k Production Company

Braun #1

Tester:

1607 Oakmont Hays, KS 67601

Job Ticket: 54019

3-14S-17W Ellis, KS

DST#: 1

ATTN: Herb Deines

Test Start: 2014.03.19 @ 07:25:42

Brannan L

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:36:42 Time Test Ended: 15:40:12

Interval: 3510.00 ft (KB) To 3549.00 ft (KB) (TVD)

Total Depth: 3549.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair Test Type: Conventional Bottom Hole (Initial)

48

Unit No:

2000.00 ft (KB)

Reference Elevations:

1992.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8372 Press@RunDepth: Inside

38.07 psig @

3545.00 ft (KB)

Capacity: Last Calib.: 8000.00 psig

Start Date: Start Time: 2014.03.19 07:25:43

End Date: End Time: 2014.03.19 15:40:12

Time On Btm:

2014.03.19 2014.03.19 @ 10:36:12

Time Off Btm:

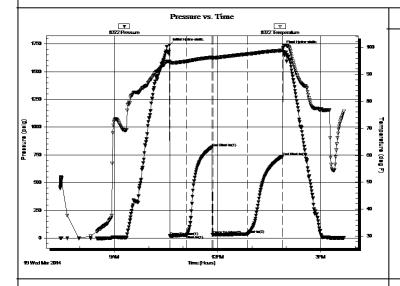
2014.03.19 @ 13:54:12

TEST COMMENT: 30- IF- Slow ly built to 2.5"

45- ISI- No blow

60- FF- Built very slowly to 2"

60- FSI- No blow



PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1737.87	94.80	Initial Hydro-static
1	18.45	94.10	Open To Flow (1)
30	28.25	94.83	Shut-In(1)
74	819.03	96.29	End Shut-In(1)
76	31.45	96.09	Open To Flow (2)
136	38.07	97.54	Shut-In(2)
197	736.36	98.91	End Shut-In(2)
198	1712.55	99.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
55.00	OCM, 40%O 60%M	0.48
0.00	10' GIP	0.00

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc Ref. No: 54019 Printed: 2014.03.19 @ 15:54:25



FLUID SUMMARY

Blackhaw k Production Company

3-14S-17W Ellis, KS

1607 Oakmont

Braun #1

DST#: 1

Hays, KS 67601

Job Ticket: 54019

ATTN: Herb Deines

Test Start: 2014.03.19 @ 07:25:42

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: deg API Mud Weight: Cushion Length: 9.00 lb/gal ft Water Salinity: ppm

Viscosity: 45.00 sec/qt Cushion Volume: bbl

Water Loss: 7.99 in³ Gas Cushion Type:

Resistivity: Gas Cushion Pressure: ohm.m psig

Salinity: 4000.00 ppm Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
55.00	OCM, 40%O 60%M	0.480
0.00	10' GIP	0.000

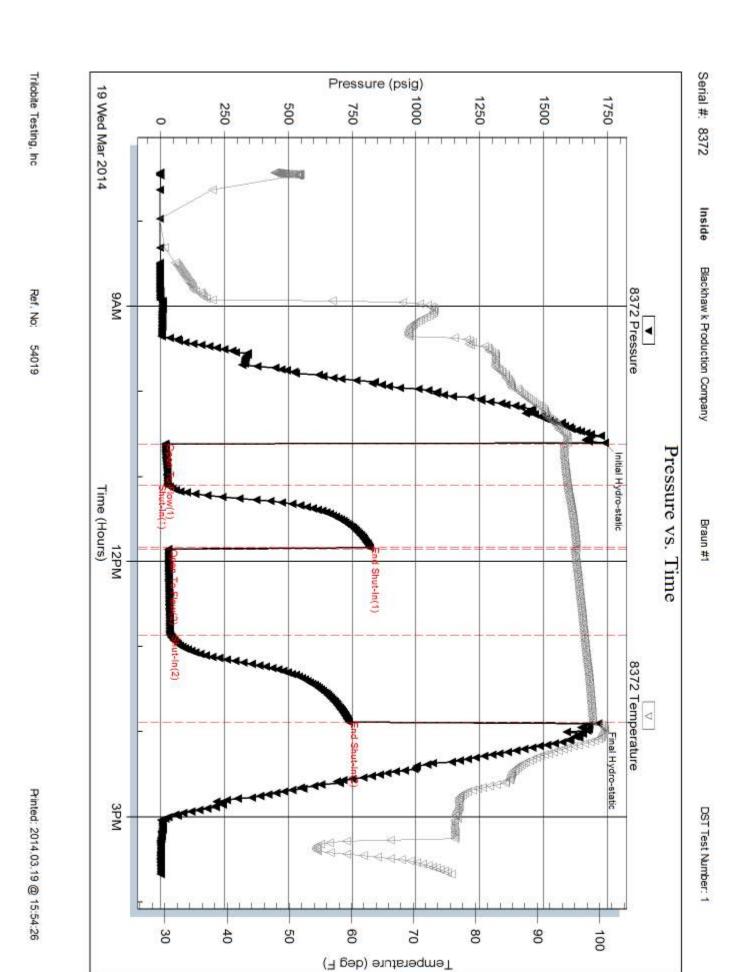
Total Length: 55.00 ft Total Volume: 0.480 bbl

Num Fluid Samples: 0 Num Gas Bombs: Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 54019 Printed: 2014.03.19 @ 15:54:25





Blackhaw k Production Company

Braun #1

1607 Oakmont Hays, KS 67601

Job Ticket: 54020

3-14S-17W Ellis, KS

DST#: 2

ATTN: Herb Deines

Test Start: 2014.03.19 @ 22:37:01

GENERAL INFORMATION:

Formation: Arbuckle

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:00:01
Time Test Ended: 05:57:31

Interval: 3548.00 ft (KB) To 3567.00 ft (KB) (TVD)

Total Depth: 3567.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan L Unit No: 48

Reference Elevations:

2000.00 ft (KB)

uons.

1992.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8372 Inside

Press@RunDepth: 47.81 psig @ 3564.00 ft (KB) Capacity: 8000.00 psig

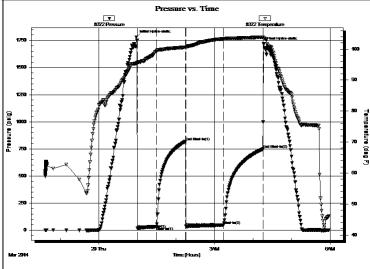
 Start Date:
 2014.03.19
 End Date:
 2014.03.20
 Last Calib.:
 2014.03.20

 Start Time:
 22:37:02
 End Time:
 05:57:31
 Time On Btm:
 2014.03.20 @ 00:58:31

 Time Off Btm:
 2014.03.20 @ 04:16:31

TEST COMMENT: 30- IF- Slow ly built to 2.5"

45- ISI- No blow 60- FF- Slow ly built to 3" 60- FSI- No blow



		PI	RESSUR	RE SUMMARY
1	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	1780.10	95.37	Initial Hydro-static
	2	16.97	95.42	Open To Flow (1)
	31	32.99	99.31	Shut-In(1)
ا.	76	818.25	100.59	End Shut-In(1)
	77	35.54	100.37	Open To Flow (2)
	135	47.81	103.31	Shut-In(2)
	197	748.31	103.86	End Shut-In(2)
'	198	1716.58	103.56	Final Hydro-static

Cac Dates

Recovery

Length (ft)	Description	Volume (bbl)					
80.00	MW, 35%M 65%W	0.82					
* Recovery from multiple tests							

Ous rai		
Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

Trilobite Testing, Inc Ref. No: 54020 Printed: 2014.03.20 @ 07:35:20



FLUID SUMMARY

Blackhaw k Production Company

Braun #1

1607 Oakmont Hays, KS 67601

Job Ticket: 54020

Serial #:

3-14S-17W Ellis, KS

DST#: 2

ATTN: Herb Deines

Test Start: 2014.03.19 @ 22:37:01

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: deg API

Mud Weight: 9.00 lb/gal Cushion Length: ft Water Salinity: 35000 ppm

Viscosity: 56.00 sec/qt Cushion Volume: bbl

Water Loss: 7.98 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 7000.00 ppm Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
80.00	MW, 35%M 65%W	0.822

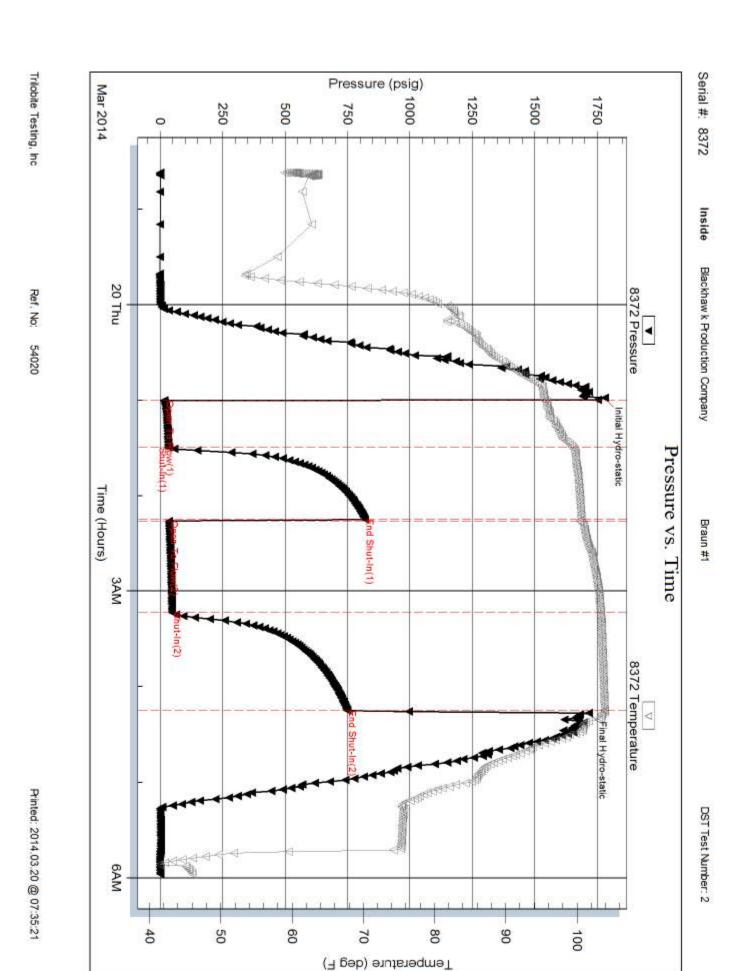
Total Length: 80.00 ft Total Volume: 0.822 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 54020 Printed: 2014.03.20 @ 07:35:21





QUALITY OILWELL CEMENTING, INC.

PO Box 32 - 740 West Wichita Ave, Russell KS 67665 Phone:785-324-1041 fax:785-483-1087 Email: cementing@ruraltel.net

Date: 3/15/2014 Invoice # 51

P.O.#:

Due Date: 4/14/2014 Division: Russell

Invoice

Contact:

Blackhawk Production Company Address/Job Location: Blackhawk Production Company 1607 Oakmont Hays Ks 67601

Reference:

BRAWN1

Description of Work: LONG SURFACE JOB

Braun#1

de 1872 49 Cott 1872 49 Brewn#1 Brewn#1

Services / Items Included:	Quantity		Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$	1,020.55	No				
Common-Class A	425	\$	7,125.00	Yes				
Bulk Truck Matl-Material Service Charge	449	\$	1,003.65	No				
Calcium Chloride	15	\$	933.12	Yes				
8 5/8" Centralizer	3	\$	214.59	Yes				
Premium Gel (Bentonite)	9	\$	163.76	Yes				
8 5/8" Top Rubber Plug	1	\$	118.47	Yes				
Baffle Plate Aluminum, 8 5/8"	1	\$	100.59	Yes				
Pump Truck Mileage-Job to Nearest Camp	9	\$	100.39	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	9	\$	58.74	No				
Invoice Terms:						SubTotal:	\$ 10,838.85	
Net 30			Disco	unt Availa	ble <u>ONLY</u> if Invoice is P within listed to	aid & Received erms of invoice:	\$ (1,625.83)	, F
		_	-		SubTotal	for Taxable Items:	\$ 7,357.20	

6.15% Ellis County Sales Tax

Thank You For Your Business!

Tax: \$ 452.47 9,665.49 Amount Due: \$

Total: \$

1,855.83

9.213.02

Applied Payments:

SubTotal for Non-Taxable Items: \$

Balance Due: \$ 9,665.49

Past Due Invoices are subject to a service charge (annual rate of 24%) This does not include any applicable taxes unless it is listed. ©2008-2013 Straker Investments, LLC. All rights reserved.

QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

jell 785-324-1041	ec. Tw	p. F	Range	County	State	On Location	Finish		
Date 3/15/19	3 /	100	17	Ellis	cash, with in an	10:0000	-11,00 n		
Date 3/17/17	tra la alist		m set pells	Location To/A	611 Elu 31	= to 320 Re 1	N WES		
Lease Braun	nsh zi yo	Well	No. (Owner	such-inferest shoul	er applicable law. If any	hou variote. v		
	1.Hs	70 12 XX Y	H3:	You are h	Oilwell Cementing, ereby requested to re	Inc. ent cementing equipment owner or contractor to d	t and furnish		
Type Job Sunface	Dal	CACIN-	2 7	Charge	and helper to assist	/ / / / /	24 C		
Hole Size 1219	T.D	110	92	To	Stack Han	IR Producti	an co.		
Csg. 878	Dep	oth //	191,60	Street	BERVERS STE JOBERT	assi yentohi ita	as only a grant a		
Tbg. Size	O Dep	oth	sa tierlo en	City	LLO ai bates e abe	State	1 03050		
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QUALITY OILWELL CEMENTING, INC.

PO Box 32 - 740 West Wichita Ave, Russell KS 67665 Phone:785-324-1041 fax:785-483-1087 Email: cementing@ruraltel.net

Date: 3/20/2014 Invoice # 7180

P.O.#:

Due Date: 4/19/2014 Division: Russell

Invoice

Contact:

Blackhawk Production Company Address/Job Location: Blackhawk Production Company 1607 Oakmont Hays Ks 67601

10-22-14 1882 2.76 Cloth 13,462.#1 Brawndetion

Reference:

BRAUN 1

Description of Work: **PROD STRING**

Services / Items Included:	Quantity		Price	Taxable	ltem .	Quantity	Price	Taxable
Labor		\$	1,020.55	No	Flo Seal	75	\$167.65	Yes
mon, MetsoBeads, Plater, Gel, FloSeal, Calcium)	300	\$	6,410.82	Yes	Pump Truck Mileage-Job to Nearest Camp	9	\$100.39	No
Common-Class A	150	\$	2,514.71	Yes	Bulk Truck Mileage-Job to Nearest Bulk Plant	9	\$58.74	No
Gilsonite	750	\$	1,257.35	Yes	Rotating Head (4 1/2", 5 1/2", or 2 7/8")	1	\$40.24	No
Bulk Truck Matl-Material Service Charge	470	\$	1,050.59	No				- 1
5 1/2" Basket	2	\$	768.94	Yes				
5 1/2" Turbolizer	7	\$	453.76	Yes				
Mud Clear	500	\$	413.53	Yes				
Auto Fill Float Shoe, 5 1/2"	1	\$	342.00	Yes				
Latch Down Plug & Baffle, 5 1/2"	1	\$	250.35	Yes				
Salt (Fine)	13	\$	202.83	Yes				
Invoice Terms:						SubTotal:	\$ 15,052.45	
Net 30			Disco	unt Ava	ailable <u>ONLY</u> if Invoice is Paid 8 within listed terms		\$ (2,257.87)	
Marie Committee of the					SubTotal for To	axable Items:	\$ 10,864.66	
					SubTotal for Non-Ta	axable Items:	\$ 1,929.93	
						Total:	\$ 12,794.58	7.00
				6.15%	Ellis County Sales Tax	Tax:	\$ 668.18	
Thank You For Your Business	!				Am	ount Due:	\$ 13,462.76	la la
					Applied	Payments:		
						ance Due:	\$ 13,462.76	
David David and a second disable and a		1-		£040/\			•	

Past Due Invoices are subject to a service charge (annual rate of 24%) This does not include any applicable taxes unless it is listed. ©2008-2013 Straker Investments, LLC. All rights reserved.

QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

one 785-483-2025	Но	Feder me Office	P.O. Bo	I.D.# 20-2 x 32 Rus	sell, KS 67665	No.	7180
2-70-14 Sec.	Twp.	Range	-	ounty PS	State	On Location	Finish 1/15 AM
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ype Job Longstring	T.D.	356	71	Charge B	ackhawk	Production	TOTAL CONTRACTOR
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Fbg. Size	Depth	and artists		The above w	as done to satisfaction	and supervision of owner Com 10% Salt	signature or contractor.
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Meas Line EQUIP		No.	12	Common/	50 300 Q MDC		
Pumptrk 16 Helper Diver Driver Driver	autor	MIC	10	Gel.			0.200 4.1
Bulktrk 14 No. Driver Charles JOB SERVICES	ad 8 & REMA	ARKS	na die ri Paparolia Andarolia	Calcium Hulls			CARAGE TOTAL
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Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Shari Feist Albrecht, Chair Jay Scott Emler, Commissioner Pat Apple, Commissioner

August 27, 2014

AARON J. WERTH Werth, Aaron J. dba Blackhawk Production Company 1607 OAKMONT HAYS, KS 67601

Re: ACO-1 API 15-051-26678-00-00 Braun 1 NE/4 Sec.03-14S-17W Ellis County, Kansas

Dear AARON J. WERTH:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 3/14/2014 and the ACO-1 was received on August 19, 2014 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department