



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1106589
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
-----------------------------------	-----------------	---

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: _____



1106589

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
--	---

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: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input 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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	---	---

Form	ACO1 - Well Completion
Operator	Hodges, Dennis D. and/or Peggy D.
Well Name	Hodges 6
Doc ID	1106589

Tops

Name	Top	Datum
BKC	1086	+53
Cherokee	1375	-236
U. Squirrel SS	1380	-241
L. Squirrel SS	1431	-292
Ardmore LS	1485	-346
Burgess SS	1728	-589
Miss. Dol	1770	-631
RTD	1825	-686



CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

TICKET NUMBER 35546

LOCATION EUREKA

FOREMAN Kevin McCoy

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-12-12		Hodges # 6	12	21S	13E	Coffey
CUSTOMER Dennis Hodges		Three Rivers Explor.	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 1827 Rd 2			485	ALLEN B.		
CITY Reading			515	CALIN H.		
STATE KS	ZIP CODE 66888					

JOB TYPE SURFACE 0 HOLE SIZE 12 1/4" HOLE DEPTH 162' CASING SIZE & WEIGHT 8 5/8
 CASING DEPTH 150' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15" SLURRY VOL 24 BBL WATER gal/sk 6.5 CEMENT LEFT in CASING 10'
 DISPLACEMENT 9 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting: Rig up to 8 5/8 Casing. BREAK CIRCULATION w/ 5 BBL water. Mixed 100 SKS Class "A" Cement w/ 3% CACL 2% GEL @ 15#/GAL. Displace w/ 9 BBL fresh water. Shut casing in. Good Cement Returns to SURFACE. Job Complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401 S	1	PUMP CHARGE	825.00	825.00
5406	45	MILEAGE	4.00	180.00
11045	100 SKS	CLASS "A" Cement	14.95	1495.00
1102	280 #	CACL 3%	.74 #	207.20
1118 B	188 #	Gel 2%	.21 #	39.48
5407	4.7 TONS	Ton Mileage Bulk Delv.	M/C	350.00
			Sub Total	3096.68
			SALES TAX 6.3%	109.73
			ESTIMATED TOTAL	3206.41

Ravin 3737

AUTHORIZATION K. McC
By Dave Farthing

THANK YOU
M
TITLE Contractor / Three Rivers Explor.

DATE 10-22-12 Pd

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

CK#1831



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 35621
LOCATION EUCKA
FOREMAN Rick Ledford

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

CEMENT

API # 15-031-23391

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10/18/12		Hodges # 6	12	215	13E	Coffey
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Dennis Hodges			520	John		
MAILING ADDRESS			611	Jack		
1827 Rd 2			83	Allen G. (McKey Truck)		
CITY	STATE	ZIP CODE				
Reading	Ks	66888				

JOB TYPE W/S 0 HOLE SIZE 7 7/8" HOLE DEPTH 1825' CASING SIZE & WEIGHT 5 1/2"
 CASING DEPTH 1815' 6.4 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.6" SLURRY VOL 44 bbl WATER gal/sk 9.0 CEMENT LEFT IN CASING 0'
 DISPLACEMENT 43.4 bbl DISPLACEMENT PSI 800 MRR PSI 1300 Buy price RATE _____

REMARKS: Safety meeting - Rig up to 5 1/2" casing. Break circulation w/ 5 bbl fresh water.
Pump 12 bbl caustic soda pre-flush. 5 bbl water spacer. Mixed 140 sacks thickset
cement w/ 5" Kol-seal/5" @ 13.6"/gal. Washout pump + lines. Release latch down plug.
Displace w/ 43.4 bbl fresh water. Final pump pressure 800 PSI. Pump plug to 1300 PSI.
release pressure, float + plug held. Good circulation @ all times while cementing. Job
complete. Rig down.

"Thank You"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1030.00	1030.00
5406	45	MILEAGE	4.00	180.00
1120A	140 sacks	thickset cement	19.20	2688.00
1110A	700"	5" Kol-seal/5"	.46	322.00
1103	100"	caustic soda pre-flush	1.61	161.00
5407A	7.7	tan mileage bulk/trk	1.34	10.31
5502C	4 hrs	80 bbl vac. TR	90.00	360.00
1123	3000 gals	city water	16.50/100	49.50
4104	1	5 1/2" cement basket	229.00	229.00
4130	5	5 1/2" x 7 7/8" centralizers	48.00	240.00
4159	1	5 1/2" AFU float shoe	344.00	344.00
4454	1	5 1/2" latch down plug	254.00	254.00
		Ticket # 35546 @ 3206.41		
		Ticket # 35621 @ 6591.92		
		Total @ 9798.33		
		-5% disc. 489.92		
		@ 9308.41		
		Subtotal		6321.81
		SALES TAX		22.11
		ESTIMATED TOTAL		6591.92

Revin 3737
 AUTHORIZATION Dennis Hodges PAY THIS AMOUNT TITLE Owner/operator DATE 10-22-12
 CK#1831

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form

Geological Wellsite Report

By David Griffin, RG

GGR, Inc.

November 28, 2012

Well Info: Hodges 6
SW SW NW NW/4
1077' fnl, 170' fwl
Section 12, T21S-R13E
Coffey County, KS
API No. 15-031-23391-00-00
GPS Coordinates
W-95.93948, N38.240837
Datum: GL, Elev. 1139'
RTD: 1825', GL
Status: 5 $\frac{1}{2}$ " Pipe Set

Operator: Dennis and Peggy Hodges
1827 Road Z
Reading, Kansas 66868
Operator License No.: 34291
Contact: Dennis Hodges

Contractor: Three Rivers Exploration, LLC
Contractor License No.: 33217
Owner: Dave Farthing

Objectives: Primary objective, evaluate the Burgess Sandstone
Secondary objective, evaluate the Squirrel Sandstones.

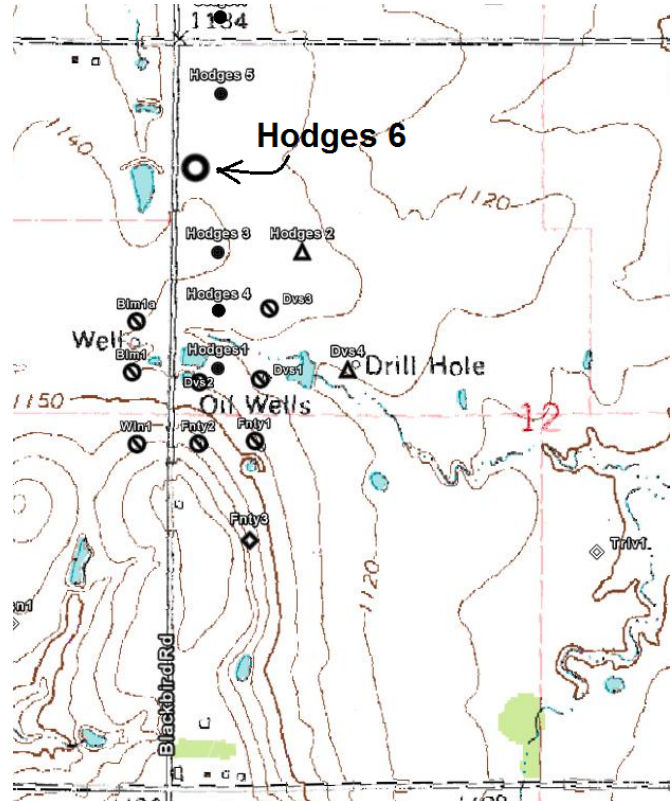
Drilling Notes:

Spud October 11, 2012, Set 150', 8 $\frac{5}{8}$ " Surface Casing
October 17, 2012, Reached Total Depth of 1825', GL, Open-Hole Logged
Bit One, 7 $\frac{7}{8}$ " PDC Bit from 150' to 1505'
Bit Two, 7 $\frac{7}{8}$ " Button Bit from 1505' to TD
Native fresh water mud to 1505', Chemical Gel Mud 1505' to TD

Geological Supervision:

David Griffin, RG, provided wellsite supervision on October 17, 2012. Drilling was witnessed from 1740' to TD, samples were microscopically examined from 1300' to TD.

Cement Co.: Consolidated Oil Well Service Co., Contractor License No.: 04996



Geological Datums:

Geologic Tops					
Dennis and Peggy Hodges Hodges 6 SW SW NW NW/4 Sec. 12-T21S-R13E			Dennis and Peggy Hodges Hodges 3 N/2 NW SW NW/4 Sec. 12-T21S-R13E		
Tops of Interest	GRN Log Tops		S C T O R M C P	OH Log Tops	
	GL Elev. 1139'			GL Elev. 1142'	
	Depth	Subsea		Depth	Subsea
Base Kansas City	1086	53	+1	1090	52
Cherokee	1375	-236	-1	1377	-235
Upper Squirrel SS	1380	-241	-3	1380	-238
Base SS	1400	-261	-5	1398	-256
Lower Squirrel SS	1431	-292	-6	1428	-286
Base SS	1447	-308	-4	1446	-304
Ardmore LS	1485	-346	-6	1480	-338
Burgess SS	1728	-589	-10	1721	-579
Top Pay Zone, (Porosity)	1734	-595	-16	1721	-579
Base Pay (70% SW Cutoff)	na			1733	-591
Base SS	1770	-631	-	1773	-631
Mississippian Dol	1770	-631	+2	1775	-633
Rotary Total Depth	1825	-686		1824	-682

Structural Comparisons:

Structural comparison of the top of the Burgess Sandstone indicates that Hodges 6 is structurally 10' low to Hodges 3, a new producer well lying 435' to the southeast.

Gas Detection, Logs, Cores, DST's:

Total gas detection was not performed. An Open-Hole log was ran by Tucker Energy Services and a Cased Hole Log was ran by Midwest Surveys. No cores or DST's were obtained for this well.

Descriptions of Oil Show Zones:

Upper Squirrel Sandstone

1384' to 1404', GL, (-245'), 1380' to 1400', O-H log, 20' thick, Excellent Potential

1384 to 1387', Sandstone, light brown, very fine grained, sub-angular quartz, silty, fair to good porosity, good odor, fair show of free brown oil with mostly residual, possible free gas, fair pay zone potential.

1387' to 1389', Sandstone, brown, very fine grained to coarse silt, good porosity, good odor, very good show of free oil in samples and on pit, very good pay zone potential.

1389' to 1392', Sandstone, brown, very fine to fine grained, good to very good porosity, clean sand, very good odor, very good to excellent show of free oil in samples and on pit, very good pay zone potential.

1392' to 1399', Sandstone, brown, very fine to fine grained, good to very porosity, very good odor, excellent show of free oil in samples and on pit, excellent pay zone potential.

1399' to 1404', Sandstone, 40%, brown, very fine to fine grained, good to very porosity, very good odor, excellent show of free oil in samples and on pit, very good pay zone potential; Siltstone, 40%, light gray, tight, no show.

Saltwater calculations from the Open-Hole Log data flag pay zone from 1380' to 1400' using an R_w of 0.15 and cutoffs for saltwater (S_w) of 70%, porosity (Φ) of 17%. Oil In-Place for the flagged pay zone interval was estimated at 69,925 barrels using 440' (4.44 acre drainage) well spacing. The Upper Squirrel Sandstone has excellent potential for pay zone. Saltwater calculations are attached.

Lower Squirrel Sandstone

1435' to 1451', GL, (-296'), 1431' to 1447', O-H Log, 16' thick, No Pay Zone Potential

1435' to 1446', Sandstone, dark gray, very fine to fine grained sub-angular quartz, good porosity, micaceous, fair odor, fair show of heavy sticky black free oil rinsing from samples.

1446' to 1451', Sandstone, gray to dark gray, very fine to fine grained sub-angular quartz, good porosity, loose sand grains, micaceous, somewhat carbonaceous, fair odor, fair show of mostly residual tarry black oil stain, trace of free oil.

Pay Zone was not flagged for this zone using similar cutoff criteria as for the Upper Squirrel Sandstone. Due to the observed low concentrations of heavy gravity free oil and lack of flagged pay zone, this zone has no potential for commercial pay zone. Saltwater calculations are attached.

Burgess Sandstone

1731' to 1773', GL, (-592'), 1728' to 1770', O-H Log, 42' thick, Good to Very Good Pay Potential

1731'-1732', Sandstone, 30%, light brown, very fine to fine grained, sub-rounded to sub-angular quartz, fair porosity, very slight show of free oil, marginal pay potential; Sandstone, 20%, white, very fine grained, poor porosity, no show or oil stain.

1732'-1736', Sandstone, 65%, light brown, very fine to fine grained, good porosity, minor fair porosity, very good odor, very good show of free brown oil rinsing from samples and bleeding into sample bags, very good pay zone potential.

1736'-1740', Sandstone, 40%, light brown, very fine to fine grained, good porosity, good odor, good show of free brown oil, good pay zone potential; Sandstone, 30% very light gray, very fine to fine grained, poor porosity, silty, no show.

1740'-1747', Sandstone, 60%, light brown, very fine to fine grained, good porosity, good odor, good show of free brown oil; Sandstone, 20%, very light gray, very fine to fine grained, silty, poor porosity, no show.

1747'-1750', Sandstone, 60%, light brown, very fine to medium grained, good to very good porosity, good odor, very good show of free brown oil; Sandstone, 20%, very light gray, very fine to fine grained, silty, poor porosity, no show.

1750'-1753', Sandstone, 70%, light brown, fine to medium grained, good porosity, good odor, spotty good show of free oil; Sandstone, 20%, very light gray, very fine to fine grained, silty, poor porosity, no show.

1753'-1758', Sandstone, 30%, light brown-gray, very fine to medium grained, good porosity, fair odor, fair to good show of free oil; Sandstone, 40%, off-white, very fine to fine grained, silty, poor porosity, no show, pyrite.

1758'-1762', Sandstone, 15%, light brown-gray, fine to medium grained, good porosity, slight odor, spotty very slight show of free oil; Sandstone, 70%, off-white, very fine to fine grained, silty, poor porosity, no show, pyrite.

1762'-1767', Sandstone, very light gray, fine to medium grained, good to very good porosity, abundant loose grains, patchy very fine grained tight areas, no odor,

Medium to bright fluorescence from light gravity oil stain was as follows:

1731'-1732', 3%, Bright, Very Marginal Pay Potential

1732'-1736', 65%, Bright, Very Good Pay Potential

1736'-1740', 40%, Bright, Good Pay Potential

1740'-1747', 60%, (40% Bright, 20% Medium) Good Pay Potential,

1747'-1750', 60%, (30% Bright, 30% Medium), Good Pay Potential

1750'-1753', 60%, (30% Bright, 30% Medium), Good Pay Potential

1753'-1758', 30%, (15%, Bright, 15% Medium), Poor Potential

1758'-1762', 15% Medium Fluorescence

1762'-1773', No fluorescence

Based on sample observations, very good pay zone potential lies from 1732' to 1736', and good pay zone potential from 1736' to 1753'. However, saltwater calculations from Open-Hole Log data does not flag pay zone using the usual 70% cutoff criteria. If an 80% cutoff criterion is used, then pay zone is flagged from 1733.5' to 1736' and from 1747' to 1749' using an R_w of 0.2. Oil In-Place for the 80% SW cutoff flagged interval is estimated at 11,625 barrels on an estimated 7.5 acre drainage area. Higher saltwater percentages are expected due to the 10' lower subsea structure of the top of the Burgess. The base of mobile oil appears to be at 1753'. Saltwater calculations are attached.

Summary:

Hodges 6 contained Upper Squirrel Sandstone from 1384' to 1404', (-245), 20' thick with mostly very good to excellent shows of free brown oil. Twenty feet of pay zone was flagged from 1380' to 1400' for an outstanding estimated 65,925 barrels of oil in place.

Lower Squirrel Sandstone was present from 1435' to 1451', (-296), 15' thick with fair shows of heavy sticky free oil in the top 11' and mostly only residual sticky tarry heavy oil below 1446'. Saltwater calculations did not flag pay zone using similar parameters as for the Upper Squirrel Sandstone. The Lower Squirrel Sandstone has no pay zone potential.

Burgess Sandstone was present from 1731' to 1773' (-592)', (42' thick). Good to very good shows of free oil were observed from 1732' to 1753' and would normally indicate possible pay zone. However, saltwater calculations do not flag pay zone using the usual 70% saltwater cutoff criteria. If 80% cutoff is used, pay zone is flagged from 1733.5' to 1736' and from 1747' to 1749' for an estimated 11,625 barrels of oil on an estimated 7.5 acre drainage area.

The top of the Burgess Sandstone porosity is structurally 10' low to Hodges 3, a new Burgess Sandstone producer well lying 435' to the southeast. Due to the very good to excellent pay potential of the Upper Squirrel Sandstone and good potential in the Burgess Sandstones, 5½" production casing was set.

Recommendations:

At the time of writing this report, the Upper Squirrel sandstone was perforated with 21 shots from 1389.5' to 1394.5' (Cased Hole GRN Log), initial testing results are encouraging. The Burgess Sandstone also has the best pay potential within the interval from 1733' to 1735'.

Respectfully Submitted,



David Griffin, RG, Owner
GGR Inc. (Griffin Geological Resources)
1502 W. 27th Terr
Lawrence, Kansas 66046
785-842-3665

Attachment: Sample Log, Saltwater Calculations

Hodges 6

Upper Squirrel Sandstone

Model = Archie

PARAMETERS	ZN	DEPTH	THICK	RT	PHI	RWA	RO	MA	SW	BVW	VSH	PAY	BOI	
X		1	1375	0.5	6.32	12.5%	0.15	6.33	1.80	100.1%	0.125	2.115	0	1.12
Y		2	1375.5	0.5	6.06	16.5%	0.24	3.84	2.05	79.6%	0.131	3.143	0	1.12
A	1	3	1376	0.5	5.79	18.0%	0.26	3.29	2.13	75.3%	0.136	3.592	0	1.12
M	1.8	4	1376.5	0.5	5.67	19.0%	0.29	2.98	2.19	72.5%	0.138	2.983	0	1.12
N	2	5	1377	0.5	5.74	18.0%	0.26	3.29	2.13	75.7%	0.136	1.951	0	1.12
RW	0.15	6	1377.5	0.5	6.09	16.5%	0.24	3.84	2.06	79.4%	0.131	1.261	0	1.12
CTHK	31.5	7	1378	0.5	6.69	16.0%	0.25	4.06	2.07	77.9%	0.125	0.949	0	1.12
AVPHI	0.19	8	1378.5	0.5	7.55	15.0%	0.25	4.56	2.07	77.7%	0.117	0.811	0	1.12
FTOIL	2.14	9	1379	0.5	8.56	14.5%	0.26	4.85	2.09	75.3%	0.109	0.744	0	1.12
PAYFEET	19.5	10	1379.5	0.5	9.53	15.0%	0.31	4.56	2.19	69.2%	0.104	0.722	0	1.12
Bris Oil In Place	65,925	11	1380	0.5	10.3	17.0%	0.42	3.64	2.39	59.5%	0.101	0.674	0	1.12
4.44 Acres		12	1380.5	0.5	10.8	19.0%	0.54	2.98	2.58	52.5%	0.100	0.628	0.05	1.12
		13	1381	0.5	11.2	20.5%	0.64	2.60	2.72	48.2%	0.099	0.642	0.05	1.12
P		14	1381.5	0.5	11.5	21.0%	0.69	2.49	2.78	46.5%	0.098	0.678	0.06	1.12
Q		15	1382	0.5	12	21.5%	0.75	2.39	2.85	44.7%	0.096	0.717	0.06	1.12
R		16	1382.5	0.5	12.4	22.0%	0.81	2.29	2.92	43.0%	0.094	0.764	0.06	1.12
DMIN		17	1383	0.5	12.9	22.5%	0.88	2.20	2.98	41.4%	0.093	0.786	0.07	1.12
DMAX		18	1383.5	0.5	13.2	21.5%	0.83	2.39	2.91	42.5%	0.091	0.775	0.06	1.12
GL		19	1384	0.5	13.6	19.5%	0.72	2.84	2.76	45.7%	0.089	0.752	0.05	1.12
TD		20	1384.5	0.5	13.9	19.0%	0.70	2.98	2.73	46.3%	0.088	0.741	0.05	1.12
BHT		21	1385	0.5	14.2	21.0%	0.85	2.49	2.91	41.9%	0.088	0.700	0.06	1.12
ST		22	1385.5	0.5	14.4	22.0%	0.94	2.29	3.02	39.8%	0.088	0.628	0.07	1.12
RMF		23	1386	0.5	14.7	22.5%	1.00	2.20	3.08	38.6%	0.087	0.609	0.07	1.12
RMFT		24	1386.5	0.5	15.1	22.5%	1.03	2.20	3.09	38.2%	0.086	0.622	0.07	1.12
		25	1387	0.5	15.5	22.0%	1.01	2.29	3.06	38.4%	0.085	0.620	0.07	1.12
CUT-OFFS		26	1387.5	0.5	15.9	21.5%	1.00	2.39	3.03	38.7%	0.083	0.600	0.07	1.12
PHICUT	0.17	27	1388	0.5	16.3	21.5%	1.03	2.39	3.05	38.2%	0.082	0.577	0.07	1.12
SWCUT	0.7	28	1388.5	0.5	16.6	21.5%	1.05	2.39	3.06	37.9%	0.081	0.559	0.07	1.12
VSHCUT	0.9	29	1389	0.5	16.7	21.5%	1.05	2.39	3.06	37.8%	0.081	0.529	0.07	1.12
BVWCUT	0.15	30	1389.5	0.5	16.4	22.0%	1.07	2.29	3.10	37.4%	0.082	0.503	0.07	1.12
ON		31	1390	0.5	15.8	22.0%	1.04	2.29	3.08	38.0%	0.084	0.500	0.07	1.12
Colors:		32	1390.5	0.5	15	22.5%	1.03	2.20	3.09	38.2%	0.086	0.530	0.07	1.12
		33	1391	0.5	14.1	23.0%	1.00	2.11	3.09	38.8%	0.089	0.583	0.07	1.12
		34	1391.5	0.5	13.1	23.0%	0.93	2.11	3.04	40.2%	0.092	0.610	0.07	1.12
		35	1392	0.5	12.2	22.5%	0.83	2.20	2.95	42.4%	0.095	0.626	0.06	1.12
		36	1392.5	0.5	11.5	21.5%	0.72	2.39	2.82	45.6%	0.098	0.633	0.06	1.12
		37	1393	0.5	10.7	21.0%	0.64	2.49	2.73	48.2%	0.101	0.606	0.05	1.12
		38	1393.5	0.5	10	21.5%	0.63	2.39	2.73	48.8%	0.105	0.570	0.06	1.12
		39	1394	0.5	9.38	22.0%	0.61	2.29	2.73	49.4%	0.109	0.556	0.06	1.12
		40	1394.5	0.5	8.85	21.5%	0.56	2.39	2.65	51.9%	0.112	0.566	0.05	1.12
		41	1395	0.5	8.4	20.5%	0.48	2.60	2.54	55.6%	0.114	0.582	0.05	1.12
		42	1395.5	0.5	8.06	20.0%	0.44	2.72	2.48	58.1%	0.116	0.588	0.04	1.12
		43	1396	0.5	7.77	19.5%	0.41	2.84	2.41	60.5%	0.118	0.571	0.04	1.12
		44	1396.5	0.5	7.5	19.0%	0.38	2.98	2.36	63.0%	0.120	0.576	0.04	1.12
		45	1397	0.5	7.27	19.0%	0.37	2.98	2.34	64.0%	0.122	0.641	0.03	1.12
		46	1397.5	0.5	7.09	19.0%	0.36	2.98	2.32	64.8%	0.123	0.680	0.03	1.12
		47	1398	0.5	6.97	18.5%	0.33	3.13	2.27	67.0%	0.124	0.674	0.03	1.12
		48	1398.5	0.5	6.93	18.5%	0.33	3.13	2.27	67.2%	0.124	0.691	0.03	1.12
		49	1399	0.5	6.96	18.5%	0.33	3.13	2.27	67.0%	0.124	0.739	0.03	1.12
		50	1399.5	0.5	7.05	18.0%	0.32	3.29	2.25	68.3%	0.123	0.771	0.03	1.12
		51	1400	0.5	7.14	17.0%	0.29	3.64	2.18	71.4%	0.121	0.795	0	1.12
		52	1400.5	0.5	7.22	17.0%	0.30	3.64	2.19	71.0%	0.121	0.845	0	1.12
		53	1401	0.5	7.28	16.5%	0.28	3.84	2.15	72.7%	0.120	0.928	0	1.12
		54	1401.5	0.5	7.33	16.5%	0.29	3.84	2.16	72.4%	0.119	1.041	0	1.12
		55	1402	0.5	7.38	16.5%	0.29	3.84	2.16	72.2%	0.119	1.111	0	1.12
		56	1402.5	0.5	7.41	16.0%	0.27	4.06	2.13	74.0%	0.118	1.118	0	1.12
		57	1403	0.5	7.4	17.0%	0.30	3.64	2.20	70.1%	0.119	1.107	0	1.12
		58	1403.5	0.5	7.35	18.0%	0.34	3.29	2.27	66.9%	0.120	1.060	0	1.12
		59	1404	0.5	7.27	18.5%	0.35	3.13	2.30	65.6%	0.121	1.024	0	1.12
		60	1404.5	0.5	7.19	18.5%	0.34	3.13	2.29	66.0%	0.122	1.037	0	1.12
		61	1405	1.5	7.14	18.5%	0.34	3.13	2.29	66.2%	0.122	1.038	0	1.12

Hodges 6

Lower Squirrel Sandstone

Model = Archie

PARAMETERS	ZN	DEPTH	THICK	RT	PHI	RWA	RO	MA	SW	BVW	VSH	PAY	BOI	
X		1	1425	0.5	6.02	15.5%	0.21	4.30	1.98	84.5%	0.131	1.029	0	1.12
Y		2	1425.5	0.5	6.24	17.5%	0.27	3.46	2.14	74.4%	0.130	1.060	0	1.12
A	1	3	1426	0.5	6.35	17.5%	0.28	3.46	2.15	73.8%	0.129	1.018	0	1.12
M	1.8	4	1426.5	0.5	6.33	17.0%	0.26	3.64	2.11	75.8%	0.129	0.933	0	1.12
N	2	5	1427	0.5	6.23	15.5%	0.22	4.30	2.00	83.1%	0.129	0.803	0	1.12
RW	0.15	6	1427.5	0.5	6.09	13.5%	0.17	5.51	1.85	95.2%	0.128	0.730	0	1.12
CTHK	31.5	7	1428	0.5	5.91	12.5%	0.14	6.33	1.77	103.5%	0.129	0.810	0	1.12
AVPHI	0.20	8	1428.5	0.5	5.7	13.5%	0.16	5.51	1.82	98.4%	0.133	0.930	0	1.12
FTOIL	0.00	9	1429	0.5	5.4	16.5%	0.21	3.84	1.99	84.4%	0.139	0.976	0	1.12
PAYFEET	0	10	1429.5	0.5	5.03	19.5%	0.27	2.84	2.15	75.2%	0.147	1.007	0	1.12
Brls Oil In Place	0	11	1430	0.5	4.65	21.0%	0.28	2.49	2.20	73.2%	0.154	1.001	0	1.12
4.44 Acres		12	1430.5	0.5	4.33	21.5%	0.27	2.39	2.19	74.2%	0.160	0.919	0	1.12
P		13	1431	0.5	4.09	21.0%	0.25	2.49	2.12	78.0%	0.164	0.830	0	1.12
Q		14	1431.5	0.5	3.95	21.0%	0.24	2.49	2.10	79.4%	0.167	0.764	0	1.12
R		15	1432	0.5	3.89	21.5%	0.24	2.39	2.12	78.3%	0.168	0.689	0	1.12
DMIN		16	1432.5	0.5	3.9	21.0%	0.23	2.49	2.09	79.9%	0.168	0.627	0	1.12
DMAX		17	1433	0.5	3.94	19.5%	0.21	2.84	2.00	85.0%	0.166	0.586	0	1.12
GL		18	1433.5	0.5	3.98	18.0%	0.18	3.29	1.91	90.9%	0.164	0.523	0	1.12
TD		19	1434	0.5	4.01	18.0%	0.18	3.29	1.92	90.5%	0.163	0.445	0	1.12
BHT		20	1434.5	0.5	4.01	18.5%	0.19	3.13	1.95	88.3%	0.163	0.427	0	1.12
ST		21	1435	0.5	3.97	19.5%	0.21	2.84	2.00	84.6%	0.165	0.474	0	1.12
RMF		22	1435.5	0.5	3.91	21.0%	0.24	2.49	2.09	79.8%	0.168	0.527	0	1.12
RMFT		23	1436	0.5	3.83	21.5%	0.24	2.39	2.11	78.9%	0.170	0.565	0	1.12
CUT-OFFS		24	1436.5	0.5	3.74	21.5%	0.24	2.39	2.09	79.9%	0.172	0.577	0	1.12
PHICUT	0.17	25	1437	0.5	3.65	21.5%	0.23	2.39	2.08	80.9%	0.174	0.594	0	1.12
SWCUT	0.7	26	1437.5	0.5	3.58	22.0%	0.23	2.29	2.10	80.0%	0.176	0.615	0	1.12
VSHCUT	0.9	27	1438	0.5	3.54	23.0%	0.25	2.11	2.15	77.3%	0.178	0.571	0	1.12
BVWCUT	0.15	28	1438.5	0.5	3.52	24.0%	0.27	1.96	2.21	74.6%	0.179	0.521	0	1.12
ON		29	1439	0.5	3.5	24.5%	0.28	1.89	2.24	73.4%	0.180	0.556	0	1.12
Colors:		30	1439.5	0.5	3.5	24.0%	0.27	1.96	2.21	74.8%	0.179	0.613	0	1.12
		31	1440	0.5	3.51	24.0%	0.27	1.96	2.21	74.7%	0.179	0.635	0	1.12
		32	1440.5	0.5	3.54	24.0%	0.27	1.96	2.22	74.4%	0.178	0.633	0	1.12
		33	1441	0.5	3.6	23.5%	0.27	2.03	2.19	75.2%	0.177	0.597	0	1.12
		34	1441.5	0.5	3.7	24.0%	0.28	1.96	2.25	72.7%	0.175	0.556	0	1.12
		35	1442	0.5	3.86	23.0%	0.27	2.11	2.21	74.0%	0.170	0.540	0	1.12
		36	1442.5	0.5	4.05	22.0%	0.27	2.29	2.18	75.2%	0.165	0.588	0	1.12
		37	1443	0.5	4.28	21.5%	0.27	2.39	2.18	74.7%	0.161	0.666	0	1.12
		38	1443.5	0.5	4.54	21.5%	0.29	2.39	2.22	72.5%	0.156	0.712	0	1.12
		39	1444	0.5	4.83	21.0%	0.29	2.49	2.22	71.8%	0.151	0.703	0	1.12
		40	1444.5	0.5	5.11	19.0%	0.26	2.98	2.12	76.4%	0.145	0.689	0	1.12
		41	1445	0.5	5.37	18.0%	0.25	3.29	2.09	78.2%	0.141	0.709	0	1.12
		42	1445.5	0.5	5.63	18.0%	0.26	3.29	2.11	76.4%	0.138	0.732	0	1.12
		43	1446	0.5	5.88	18.5%	0.28	3.13	2.17	72.9%	0.135	0.745	0	1.12
		44	1446.5	0.5	6.09	18.0%	0.28	3.29	2.16	73.4%	0.132	0.774	0	1.12
		45	1447	0.5	6.28	17.5%	0.27	3.46	2.14	74.2%	0.130	0.834	0	1.12
		46	1447.5	0.5	6.48	17.0%	0.27	3.64	2.13	75.0%	0.127	0.944	0	1.12
		47	1448	0.5	6.69	17.5%	0.29	3.46	2.18	71.9%	0.126	1.043	0	1.12
		48	1448.5	0.5	6.91	17.0%	0.28	3.64	2.16	72.6%	0.123	1.046	0	1.12
		49	1449	0.5	7.16	17.5%	0.31	3.46	2.22	69.5%	0.122	1.016	0	1.12
		50	1449.5	0.5	7.39	18.0%	0.34	3.29	2.27	66.7%	0.120	1.030	0	1.12
		51	1450	0.5	7.55	19.0%	0.38	2.98	2.36	62.8%	0.119	1.079	0	1.12
		52	1450.5	0.5	7.66	19.0%	0.39	2.98	2.37	62.4%	0.119	1.129	0	1.12
		53	1451	0.5	7.71	19.5%	0.41	2.84	2.41	60.7%	0.118	1.168	0	1.12
		54	1451.5	0.5	7.73	20.5%	0.45	2.60	2.49	58.0%	0.119	1.144	0	1.12
		55	1452	0.5	7.75	21.0%	0.47	2.49	2.53	56.7%	0.119	1.049	0	1.12
		56	1452.5	0.5	7.77	21.0%	0.47	2.49	2.53	56.6%	0.119	1.006	0	1.12
		57	1453	0.5	7.82	20.0%	0.43	2.72	2.46	59.0%	0.118	1.017	0	1.12
		58	1453.5	0.5	7.85	20.0%	0.43	2.72	2.46	58.8%	0.118	1.048	0	1.12
		59	1454	0.5	7.88	20.0%	0.43	2.72	2.46	58.7%	0.117	1.064	0	1.12
		60	1454.5	0.5	7.89	19.5%	0.42	2.84	2.42	60.0%	0.117	1.030	0	1.12
		61	1455	1.5	7.89	19.0%	0.40	2.98	2.39	61.5%	0.117	1.017	0	1.12

Hodges 6

Burgess Sandstone, 70% Cutoff

Model = Archie

PARAMETERS	ZN	DEPTH	THICK	RT	PHI	RWA	RO	MA	SW	BVW	VSH	PAY	BOI
X		1	1725	0.5	1.21	19.5%	0.06	3.79	1.10	177.0%	0.345	1.207	0 1.14
Y		2	1725.5	0.5	1.32	19.5%	0.07	3.79	1.15	169.5%	0.331	1.199	0 1.14
A	1	3	1726	0.5	1.5	19.0%	0.08	3.97	1.21	162.8%	0.309	1.156	0 1.14
M	1.8	4	1726.5	0.5	1.87	19.0%	0.09	3.97	1.35	145.8%	0.277	1.147	0 1.14
N	2	5	1727	0.5	2.45	18.0%	0.11	4.38	1.46	133.7%	0.241	1.085	0 1.14
RW	0.2	6	1727.5	0.5	3.39	17.0%	0.14	4.86	1.60	119.7%	0.203	0.881	0 1.14
CTHK	45.5	7	1728	0.5	4.64	16.0%	0.17	5.42	1.72	108.0%	0.173	0.602	0 1.14
AVPHI	0.19	8	1728.5	0.5	5.89	14.0%	0.17	6.89	1.72	108.1%	0.151	0.421	0 1.14
FTOIL	0.00	9	1729	0.5	6.82	13.5%	0.19	7.35	1.76	103.8%	0.140	0.386	0 1.14
PAYFEET	0	10	1729.5	0.5	7.17	14.0%	0.21	6.89	1.82	98.0%	0.137	0.457	0 1.14
Bris Oil In Place	0	11	1730	0.5	7.19	15.0%	0.24	6.08	1.89	92.0%	0.138	0.648	0 1.14
7.5 Acres		12	1730.5	0.5	7.34	16.0%	0.27	5.42	1.97	85.9%	0.137	0.916	0 1.14
P		13	1731	0.5	7.26	16.5%	0.28	5.12	1.99	84.0%	0.139	1.052	0 1.14
Q		14	1731.5	0.5	7.11	16.5%	0.28	5.12	1.98	84.9%	0.140	0.962	0 1.14
R		15	1732	0.5	6.93	15.0%	0.23	6.08	1.87	93.7%	0.141	0.775	0 1.14
DMIN		16	1732.5	0.5	6.78	14.5%	0.21	6.46	1.82	97.6%	0.142	0.679	0 1.14
DMAX		17	1733	0.5	6.7	15.5%	0.23	5.73	1.88	92.5%	0.143	0.667	0 1.14
GL		18	1733.5	0.5	6.7	18.0%	0.31	4.38	2.05	80.9%	0.146	0.573	0 1.14
TD		19	1734	0.5	6.78	19.0%	0.34	3.97	2.12	76.6%	0.145	0.486	0 1.14
BHT		20	1734.5	0.5	6.91	18.5%	0.33	4.17	2.10	77.7%	0.144	0.542	0 1.14
ST		21	1735	0.5	7.1	18.0%	0.32	4.38	2.08	78.5%	0.141	0.671	0 1.14
RMF		22	1735.5	0.5	7.24	18.5%	0.35	4.17	2.13	75.9%	0.140	0.691	0 1.14
RMFT		23	1736	0.5	7.23	18.0%	0.33	4.38	2.09	77.8%	0.140	0.527	0 1.14
CUT-OFFS		24	1736.5	0.5	7.04	16.5%	0.27	5.12	1.98	85.3%	0.141	0.334	0 1.14
PHICUT	0.17	25	1737	0.5	6.74	14.5%	0.21	6.46	1.82	97.9%	0.142	0.245	0 1.14
SWCUT	0.7	26	1737.5	0.5	6.37	15.0%	0.21	6.08	1.82	97.7%	0.147	0.251	0 1.14
VSHCUT	0.9	27	1738	0.5	6.01	16.0%	0.22	5.42	1.86	94.9%	0.152	0.317	0 1.14
BVWCUT	0.2	28	1738.5	0.5	5.63	18.5%	0.27	4.17	1.98	86.1%	0.159	0.339	0 1.14
ON		29	1739	0.5	5.23	20.0%	0.29	3.62	2.03	83.2%	0.166	0.263	0 1.14
Colors:		30	1739.5	0.5	4.83	20.5%	0.28	3.47	2.01	84.7%	0.174	0.200	0 1.14
		31	1740	0.5	4.53	21.0%	0.27	3.32	2.00	85.6%	0.180	0.174	0 1.14
		32	1740.5	0.5	4.37	21.5%	0.27	3.18	2.01	85.3%	0.183	0.162	0 1.14
		33	1741	0.5	4.35	21.0%	0.26	3.32	1.97	87.4%	0.183	0.175	0 1.14
		34	1741.5	0.5	4.51	21.0%	0.27	3.32	2.00	85.8%	0.180	0.166	0 1.14
		35	1742	0.5	4.85	21.0%	0.29	3.32	2.04	82.7%	0.174	0.137	0 1.14
		36	1742.5	0.5	5.36	19.5%	0.28	3.79	2.01	84.1%	0.164	0.125	0 1.14
		37	1743	0.5	5.97	17.0%	0.25	4.86	1.92	90.2%	0.153	0.140	0 1.14
		38	1743.5	0.5	6.68	14.0%	0.19	6.89	1.78	101.5%	0.142	0.171	0 1.14
		39	1744	0.5	7.36	11.5%	0.15	9.81	1.67	115.5%	0.133	0.182	0 1.14
		40	1744.5	0.5	7.84	11.0%	0.15	10.63	1.66	116.4%	0.128	0.158	0 1.14
		41	1745	0.5	7.93	10.0%	0.13	12.62	1.60	126.1%	0.126	0.143	0 1.14
		42	1745.5	0.5	7.59	10.0%	0.12	12.62	1.58	128.9%	0.129	0.156	0 1.14
		43	1746	0.5	7.02	13.0%	0.18	7.87	1.74	105.9%	0.138	0.158	0 1.14
		44	1746.5	0.5	6.41	17.5%	0.28	4.61	1.99	84.8%	0.148	0.160	0 1.14
		45	1747	0.5	5.86	21.0%	0.35	3.32	2.16	75.3%	0.158	0.183	0 1.14
		46	1747.5	0.5	5.5	23.0%	0.39	2.82	2.26	71.6%	0.165	0.209	0 1.14
		47	1748	0.5	5.3	23.5%	0.39	2.71	2.26	71.5%	0.168	0.223	0 1.14
		48	1748.5	0.5	5.22	23.0%	0.37	2.82	2.22	73.5%	0.169	0.202	0 1.14
		49	1749	0.5	5.2	20.0%	0.29	3.62	2.02	83.5%	0.167	0.174	0 1.14
		50	1749.5	0.5	5.18	17.5%	0.22	4.61	1.87	94.3%	0.165	0.183	0 1.14
		51	1750	0.5	5.11	15.5%	0.18	5.73	1.74	105.9%	0.164	0.197	0 1.14
		52	1750.5	0.5	4.97	15.5%	0.17	5.73	1.72	107.4%	0.166	0.195	0 1.14
		53	1751	0.5	4.79	16.5%	0.19	5.12	1.76	103.4%	0.171	0.195	0 1.14
		54	1751.5	0.5	4.64	18.5%	0.22	4.17	1.86	94.8%	0.175	0.204	0 1.14
		55	1752	0.5	4.56	20.5%	0.26	3.47	1.97	87.2%	0.179	0.196	0 1.14
		56	1752.5	0.5	4.53	22.0%	0.30	3.05	2.06	82.1%	0.181	0.188	0 1.14
		57	1753	0.5	4.52	22.0%	0.30	3.05	2.06	82.2%	0.181	0.178	0 1.14
		58	1753.5	0.5	4.52	20.5%	0.26	3.47	1.97	87.6%	0.180	0.158	0 1.14
		59	1754	0.5	4.53	18.5%	0.22	4.17	1.85	95.9%	0.177	0.153	0 1.14
		60	1754.5	0.5	4.59	16.5%	0.18	5.12	1.74	105.7%	0.174	0.161	0 1.14
		61	1755	0.5	4.72	16.0%	0.17	5.42	1.73	107.1%	0.171	0.183	0 1.14
		62	1755.5	0.5	4.95	16.0%	0.18	5.42	1.75	104.6%	0.167	0.213	0 1.14
		63	1756	0.5	5.23	17.5%	0.23	4.61	1.87	93.9%	0.164	0.220	0 1.14
		64	1756.5	0.5	5.41	19.0%	0.27	3.97	1.99	85.7%	0.163	0.190	0 1.14
		65	1757	0.5	5.39	19.0%	0.27	3.97	1.98	85.9%	0.163	0.165	0 1.14
		66	1757.5	0.5	5.19	17.0%	0.21	4.86	1.84	96.7%	0.164	0.156	0 1.14
		67	1758	0.5	4.91	17.0%	0.20	4.86	1.81	99.4%	0.169	0.162	0 1.14
		68	1758.5	0.5	4.66	17.0%	0.19	4.86	1.78	102.1%	0.174	0.189	0 1.14
		69	1759	0.5	4.48	16.5%	0.17	5.12	1.73	106.9%	0.176	0.194	0 1.14
		70	1759.5	0.5	4.42	15.5%	0.15	5.73	1.66	113.9%	0.177	0.177	0 1.14
		71	1760	0.5	4.45	16.5%	0.17	5.12	1.72	107.3%	0.177	0.175	0 1.14
		72	1760.5	0.5	4.5	19.5%	0.24	3.79	1.90	91.8%	0.179	0.192	0 1.14
		73	1761	0.5	4.44	21.0%	0.27	3.32	1.99	86.5%	0.182	0.207	0 1.14
		74	1761.5	0.5	4.22	20.0%	0.23	3.62	1.89	92.7%	0.185	0.192	0 1.14
		75	1762	0.5	3.94	17.5%	0.17	4.61	1.71	108.2%	0.189	0.176	0 1.14
		76	1762.5	0.5	3.71	15.5%	0.13	5.73	1.57	124.3%	0.193	0.185	0 1.14
		77	1763	0.5	3.54	15.5%	0.12	5.73	1.54	127.3%	0.197	0.201	0 1.14
		78	1763.5	0.5	3.4	18.0%	0.16	4.38	1.65	113.5%	0.204	0.223	0 1.14
		79	1764	0.5	3.22	21.5%	0.20	3.18	1.81	99.4%	0.214	0.248	0 1.14
		80	1764.5	0.5	2.98	24.0%	0.23	2.61	1.89	93.6%	0.225	0.255	0 1.14
		81	1765	0.5	2.72	25.5%	0.23	2.34	1.91	92.8%	0.237	0.236	0 1.14
		82	1765.5	0.5	2.52	26.5%	0.23	2.18	1.91	93.1%	0.247	0.227	0 1.14
		83	1766	0.5	2.43	26.5%	0.22	2.18	1.88	94.8%	0.251	0.244	0 1.14
		84	1766.5	0.5	2.45	27.0%	0.23	2.11	1.91	92.8%	0.251	0.235	0 1.14
		85	1767	0.5	2.56	28.0%	0.26	1.98	2.00	87.9%	0.246	0.213	0 1.14
		86	1767.5	0.5	2.75	27.5%	0.27	2.04	2.03	86.2%	0.237	0.238	0 1.14
		87	1768	0.5	2.99	26.5%	0.27	2.18	2.04	85.5%	0.226	0.307	0 1.14
		88	1768.5	0.5	3.24	25.0%	0.27	2.43	2.01	86.5%	0.216	0.413	0 1.14
		89	1769	0.5	3.49	23.0%	0.25	2.82	1.95	89.9%	0.207	0.628	0 1.14
		90	1769.5	0.5	3.79	21.0%	0.23	3.32	1.88	93.6%	0.197	0.940	0 1.14
		91	1770	0.5	4.16	20.0%	0.23	3.62	1.89	93.3%	0.187	1.130	0 1.14

Hodges 6

Burgess Sandstone, 80% Cutoff

Model = Archie

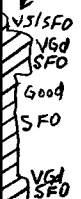
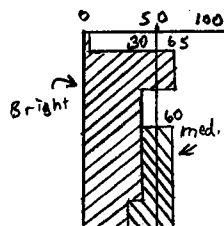
PARAMETERS	ZN	DEPTH	THICK	RT	PHI	RWA	RO	MA	SW	BVW	VSH	PAY	BOI
X		1	1725	0.5	1.21	19.5%	0.06	3.79	1.10	177.0%	0.345	1.207	0 1.14
Y		2	1725.5	0.5	1.32	19.5%	0.07	3.79	1.15	169.5%	0.331	1.199	0 1.14
A	1	3	1726	0.5	1.5	19.0%	0.08	3.97	1.21	162.8%	0.309	1.156	0 1.14
M	1.8	4	1726.5	0.5	1.87	19.0%	0.09	3.97	1.35	145.8%	0.277	1.147	0 1.14
N	2	5	1727	0.5	2.45	18.0%	0.11	4.38	1.46	133.7%	0.241	1.085	0 1.14
RW	0.2	6	1727.5	0.5	3.39	17.0%	0.14	4.86	1.60	119.7%	0.203	0.881	0 1.14
CTHK	45.5	7	1728	0.5	4.64	16.0%	0.17	5.42	1.72	108.0%	0.173	0.602	0 1.14
AVPHI	0.19	8	1728.5	0.5	5.89	14.0%	0.17	6.89	1.72	108.1%	0.151	0.421	0 1.14
FTOIL	0.23	9	1729	0.5	6.82	13.5%	0.19	7.35	1.76	103.8%	0.140	0.386	0 1.14
PAYFEET	4.5	10	1729.5	0.5	7.17	14.0%	0.21	6.89	1.82	98.0%	0.137	0.457	0 1.14
Bris Oil In Place	11,625	11	1730	0.5	7.19	15.0%	0.24	6.08	1.89	92.0%	0.138	0.648	0 1.14
7.5 Acres		12	1730.5	0.5	7.34	16.0%	0.27	5.42	1.97	85.9%	0.137	0.916	0 1.14
P		13	1731	0.5	7.26	16.5%	0.28	5.12	1.99	84.0%	0.139	1.052	0 1.14
Q		14	1731.5	0.5	7.11	16.5%	0.28	5.12	1.98	84.9%	0.140	0.962	0 1.14
R		15	1732	0.5	6.93	15.0%	0.23	6.08	1.87	93.7%	0.141	0.775	0 1.14
DMIN		16	1732.5	0.5	6.78	14.5%	0.21	6.46	1.82	97.6%	0.142	0.679	0 1.14
DMAX		17	1733	0.5	6.7	15.5%	0.23	5.73	1.88	92.5%	0.143	0.667	0 1.14
GL		18	1733.5	0.5	6.7	18.0%	0.31	4.38	2.05	80.9%	0.146	0.573	0 1.14
TD		19	1734	0.5	6.78	19.0%	0.34	3.97	2.12	76.6%	0.145	0.486	0.02 1.14
BHT		20	1734.5	0.5	6.91	18.5%	0.33	4.17	2.10	77.7%	0.144	0.542	0.02 1.14
ST		21	1735	0.5	7.1	18.0%	0.32	4.38	2.08	78.5%	0.141	0.671	0.02 1.14
RMF		22	1735.5	0.5	7.24	18.5%	0.35	4.17	2.13	75.9%	0.140	0.691	0.02 1.14
RMFT		23	1736	0.5	7.23	18.0%	0.33	4.38	2.09	77.8%	0.140	0.527	0.02 1.14
CUT-OFFS		24	1736.5	0.5	7.04	16.5%	0.27	5.12	1.98	85.3%	0.141	0.334	0 1.14
PHICUT	0.17	25	1737	0.5	6.74	14.5%	0.21	6.46	1.82	97.9%	0.142	0.245	0 1.14
SWCUT	0.8	26	1737.5	0.5	6.37	15.0%	0.21	6.08	1.82	97.7%	0.147	0.251	0 1.14
VSHCUT	0.9	27	1738	0.5	6.01	16.0%	0.22	5.42	1.86	94.9%	0.152	0.317	0 1.14
BVWCUT	0.2	28	1738.5	0.5	5.63	18.5%	0.27	4.17	1.98	86.1%	0.159	0.339	0 1.14
ON		29	1739	0.5	5.23	20.0%	0.29	3.62	2.03	83.2%	0.166	0.263	0 1.14
Colors:		30	1739.5	0.5	4.83	20.5%	0.28	3.47	2.01	84.7%	0.174	0.200	0 1.14
		31	1740	0.5	4.53	21.0%	0.27	3.32	2.00	85.6%	0.180	0.174	0 1.14
		32	1740.5	0.5	4.37	21.5%	0.27	3.18	2.01	85.3%	0.183	0.162	0 1.14
		33	1741	0.5	4.35	21.0%	0.26	3.32	1.97	87.4%	0.183	0.175	0 1.14
		34	1741.5	0.5	4.51	21.0%	0.27	3.32	2.00	85.8%	0.180	0.166	0 1.14
		35	1742	0.5	4.85	21.0%	0.29	3.32	2.04	82.7%	0.174	0.137	0 1.14
		36	1742.5	0.5	5.36	19.5%	0.28	3.79	2.01	84.1%	0.164	0.125	0 1.14
		37	1743	0.5	5.97	17.0%	0.25	4.86	1.92	90.2%	0.153	0.140	0 1.14
		38	1743.5	0.5	6.68	14.0%	0.19	6.89	1.78	101.5%	0.142	0.171	0 1.14
		39	1744	0.5	7.36	11.5%	0.15	9.81	1.67	115.5%	0.133	0.182	0 1.14
		40	1744.5	0.5	7.84	11.0%	0.15	10.63	1.66	116.4%	0.128	0.158	0 1.14
		41	1745	0.5	7.93	10.0%	0.13	12.62	1.60	126.1%	0.126	0.143	0 1.14
		42	1745.5	0.5	7.59	10.0%	0.12	12.62	1.58	128.9%	0.129	0.156	0 1.14
		43	1746	0.5	7.02	13.0%	0.18	7.87	1.74	105.9%	0.138	0.158	0 1.14
		44	1746.5	0.5	6.41	17.5%	0.28	4.61	1.99	84.8%	0.148	0.160	0 1.14
		45	1747	0.5	5.86	21.0%	0.35	3.32	2.16	75.3%	0.158	0.183	0.03 1.14
		46	1747.5	0.5	5.5	23.0%	0.39	2.82	2.26	71.6%	0.165	0.209	0.03 1.14
		47	1748	0.5	5.3	23.5%	0.39	2.71	2.26	71.5%	0.168	0.223	0.03 1.14
		48	1748.5	0.5	5.22	23.0%	0.37	2.82	2.22	73.5%	0.169	0.202	0.03 1.14
		49	1749	0.5	5.2	20.0%	0.29	3.62	2.02	83.5%	0.167	0.174	0 1.14
		50	1749.5	0.5	5.18	17.5%	0.22	4.61	1.87	94.3%	0.165	0.183	0 1.14
		51	1750	0.5	5.11	15.5%	0.18	5.73	1.74	105.9%	0.164	0.197	0 1.14
		52	1750.5	0.5	4.97	15.5%	0.17	5.73	1.72	107.4%	0.166	0.195	0 1.14
		53	1751	0.5	4.79	16.5%	0.19	5.12	1.76	103.4%	0.171	0.195	0 1.14
		54	1751.5	0.5	4.64	18.5%	0.22	4.17	1.86	94.8%	0.175	0.204	0 1.14
		55	1752	0.5	4.56	20.5%	0.26	3.47	1.97	87.2%	0.179	0.196	0 1.14
		56	1752.5	0.5	4.53	22.0%	0.30	3.05	2.06	82.1%	0.181	0.188	0 1.14
		57	1753	0.5	4.52	22.0%	0.30	3.05	2.06	82.2%	0.181	0.178	0 1.14
		58	1753.5	0.5	4.52	20.5%	0.26	3.47	1.97	87.6%	0.180	0.158	0 1.14
		59	1754	0.5	4.53	18.5%	0.22	4.17	1.85	95.9%	0.177	0.153	0 1.14
		60	1754.5	0.5	4.59	16.5%	0.18	5.12	1.74	105.7%	0.174	0.161	0 1.14
		61	1755	0.5	4.72	16.0%	0.17	5.42	1.73	107.1%	0.171	0.183	0 1.14
		62	1755.5	0.5	4.95	16.0%	0.18	5.42	1.75	104.6%	0.167	0.213	0 1.14
		63	1756	0.5	5.23	17.5%	0.23	4.61	1.87	93.9%	0.164	0.220	0 1.14
		64	1756.5	0.5	5.41	19.0%	0.27	3.97	1.99	85.7%	0.163	0.190	0 1.14
		65	1757	0.5	5.39	19.0%	0.27	3.97	1.98	85.9%	0.163	0.165	0 1.14
		66	1757.5	0.5	5.19	17.0%	0.21	4.86	1.84	96.7%	0.164	0.156	0 1.14
		67	1758	0.5	4.91	17.0%	0.20	4.86	1.81	99.4%	0.169	0.162	0 1.14
		68	1758.5	0.5	4.66	17.0%	0.19	4.86	1.78	102.1%	0.174	0.189	0 1.14
		69	1759	0.5	4.48	16.5%	0.17	5.12	1.73	106.9%	0.176	0.194	0 1.14
		70	1759.5	0.5	4.42	15.5%	0.15	5.73	1.66	113.9%	0.177	0.177	0 1.14
		71	1760	0.5	4.45	16.5%	0.17	5.12	1.72	107.3%	0.177	0.175	0 1.14
		72	1760.5	0.5	4.5	19.5%	0.24	3.79	1.90	91.8%	0.179	0.192	0 1.14
		73	1761	0.5	4.44	21.0%	0.27	3.32	1.99	86.5%	0.182	0.207	0 1.14
		74	1761.5	0.5	4.22	20.0%	0.23	3.62	1.89	92.7%	0.185	0.192	0 1.14
		75	1762	0.5	3.94	17.5%	0.17	4.61	1.71	108.2%	0.189	0.176	0 1.14
		76	1762.5	0.5	3.71	15.5%	0.13	5.73	1.57	124.3%	0.193	0.185	0 1.14
		77	1763	0.5	3.54	15.5%	0.12	5.73	1.54	127.3%	0.197	0.201	0 1.14
		78	1763.5	0.5	3.4	18.0%	0.16	4.38	1.65	113.5%	0.204	0.223	0 1.14
		79	1764	0.5	3.22	21.5%	0.20	3.18	1.81	99.4%	0.214	0.248	0 1.14
		80	1764.5	0.5	2.98	24.0%	0.23	2.61	1.89	93.6%	0.225	0.255	0 1.14
		81	1765	0.5	2.72	25.5%	0.23	2.34	1.91	92.8%	0.237	0.236	0 1.14
		82	1765.5	0.5	2.52	26.5%	0.23	2.18	1.91	93.1%	0.247	0.227	0 1.14
		83	1766	0.5	2.43	26.5%	0.22	2.18	1.88	94.8%	0.251	0.244	0 1.14
		84	1766.5	0.5	2.45	27.0%	0.23	2.11	1.91	92.8%	0.251	0.235	0 1.14
		85	1767	0.5	2.56	28.0%	0.26	1.98	2.00	87.9%	0.246	0.213	0 1.14
		86	1767.5	0.5	2.75	27.5%	0.27	2.04	2.03	86.2%	0.237	0.238	0 1.14
		87	1768	0.5	2.99	26.5%	0.27	2.18	2.04	85.5%	0.226	0.307	0 1.14
		88	1768.5	0.5	3.24	25.0%	0.27	2.43	2.01	86.5%	0.216	0.413	0 1.14
		89	1769	0.5	3.49	23.0%	0.25	2.82	1.95	89.9%	0.207	0.628	0 1.14
		90	1769.5	0.5	3.79	21.0%	0.23	3.32	1.88	93.6%	0.197	0.940	0 1.14
		91	1770	0.5	4.16	20.0%	0.23	3.62	1.89	93.3%	0.187	1.130	0 1.14

Depth	David Griffin, GGR Inc., Lawrence, KS										Lithology	Shows	Well: Hodges 6	Pg. 1 of 3	
	Penetration Rate (ROP)					Lagged Total Gas							Location: SW SW NW NW/4, 1077' fml, 170' fwl, Sec. 12-T21S-R13E, Cof. Co.	Datum/Elev. GL 1139'	
	Min./Foot					Units							Sample Descriptions (Lagged)	Tops/Remarks	
1250	0	1	2	3	4	5	6	7	8	9	10				
1250-1260													Operator: Dennis and Peggy Hodges Drig Contr: Three Rivers Exploration, LLC API No.: 15-031-23391-00-00	7 7/8" PDC Bit	
1260-1270	No Gas Detection for this well														
1270-1280															
1280-1290															
1290-1300														Start 10' samples	
1300-1310													sh, ltgy to dkgy, silty, mica, carbon (S m c)		
1310-1320													coal sh, ltgy LS, tn to lt bn, vf-mal, prb, NS		
1320-1330													sh, ltgy, blu-gy, dkgy LS, tn sh, AA		
1330-1340													LS, tn to bn, fxl, vt-fxl, prb, NS sh, blk sh, dk gy		
1340-1350													LS, ltgy-gy, vf xln, glauc, prb, NS sh, ltgy-gy LS, AA	5' samples	
1350-1360													sh, ltgy-gy to gy intbd w/LSAA		
1360-1370													sh, ltgy to dkgy LS, ltgy-tn, fxl, NS sh, blk		
1370-1380													LS, vtgy-tn, vf-m xln, dnc, NS sh, blk sh, vlg to gy	Cherokee 1378(-239) U. Squirrel SS	
1380-1390													1384'-87' SS, tr bn, vfgn, silty, fr-gd, gd odor, fr SFO, mostly residual, poss free gas	1384(-245)	
1390-1400													1387'-89' SS, Bn, vf-gn, csl, gd, gd odor, VG SFO	20' THK Vgd-Exc Pay Potential	
1400-1410													1389'-92' SS, Bn, vf-fgn, gd-vg, clean sd, VG SFO-Exc SFO		
1410-1420													1392'-99' SS, Bn, vf-fgn, gd-vg, Exc SFO		
1420-1430													1399'-1404' SS, Bn, v, AA, VG SFO; 40, lt gy, gd, NS	Base SS 1404(-265)	
1430-1440													Slt, ltgy w/sh dg to gy sh, dkgy, s m c	0-H Log 1380'-1400'	
1440-1450													sh, gy to dkgy		
1450-1460													LS, dkgy LS, AA sh, gy to dkgy	10' samples L Squirrel SS	
1460-1470													1435'-46' SS, dkgy, vf-fgn, gd, fr odor Fr show Hwy Sticky Free Oil sh, 30, gy-dkgy, lam, s m c	1435(-296)	
1470-1480													1446'-51' SS, gy to dkgy, vf-f, gd, l, ssd Fr show Residual tarry stain Free Free Oil	16' THK Poor Pay Potn.	
1480-1490													sh, dkgy, s m c	Base SS 1451(-312)	
1490-1500													sh, gy to dkgy; 50% ss lam, vfgn, frd, Fr Sh All Residual tarry stain	0-H Log 1431-47'	
1500													sh, ltgy, gy, dkgy, blk		
													Coal	(v-shale)	
													LS, tan LS, dkgy to tn, v f, dnc sh, blk siltst, vlg, sh, vlg siderite	Base Ardm. LS 1488(-349)	

Depth	David Griffin, GGR Inc., Lawrence, KS		Lithology	Shows	Well: Hodges 6	Pg. 2 of 3
	Penetration Rate (ROP)				Location: SW SW NW NW/4, 1077' fml, 170' fwl, Sec. 12-T21S-R13E, Cof. Co.	Datum/Elev. GL 1139'
	Min./Foot	Lagged Total Gas Units			Sample Descriptions (Lagged)	Tops/Remarks
1500	No Gas Detection				mostly sltst, ltgy	10' samples
1510					sh, dkgy	
1520					SS, vlg, vfgn, pr-fgd, NS Coal, BK shake sh, vlg-dkgy, min bk	
1530					sh, vlg to bk	
1540					Coal sh, mstly vlg to ltgy	
1550					Coal sh, vlg to bk	
1560					LS, dkgy to bk, fxl, v, carb sh, bk sh, vari-col; lt bl, vlg, g, th, mar.	
1570					sh, bk	
1580					sh, vari-col, Red Bed mostly	
1590					sh, vari-col	
1600					Coal	
1610					sh, vari-col	
1620					slt, ltgy-blk + sh, ltgy-blk, mar, gy etc	
1630					sh, vari-col	
1640					sh, mstly bk, min vari-col	
1650						
1660					LS, tan, fxl, NS sh, vari-col	
1670					sh, vdkgy to bk mostly Coal	
1680					sh, black, 50% tan clay to vlg	
1690					sh, bk sh, bk, min dkgy, gn-gy, 10%	start 5' samples
1700					sh, 60% vlg, 40% bk, sanc sh, dkgy, sanc; 20% bk	
1710					sh, dkgy, sanc; slt lam, 5%, NS sh, dg, sm, v min bk, vlg	
1720						
1730					1731-32' SS, 30% lt bn, vfgn, fnd, vsl, SFO; 20% wh, pr, NS	Burgess SS
1740					1732-36' SS, 65, lt bn, vfgn, gdf, min fr, VSSFO 10, 0-w, pr, NS	1731(-592)
1750					1736-40' SS, 40, lt bn, gdf, SFO, vfgn 30, vlg, pr, vfgn, silty, No show	0-H Log
					1740-47' SS, 60, lt bn, gdf, SFO, vfgn 20, vlg, pr, vfgn, NY, NS	1728
					1747-50' SS, 60, lt bn, gdf, vfgn, vmdgn VSSFO 20, vlg, AA, titan S	

No Gas Detection

O/Flt



Burgess SS
1731(-592)
0-H Log
1728

Penetration Rate (ROP)

Lagged Total Gas

Lithology

Shows

Location: SW SW NW NW/4, 1077' fml, 170' fwl, Sec. 12-T21S-R13E, Cof. Co.

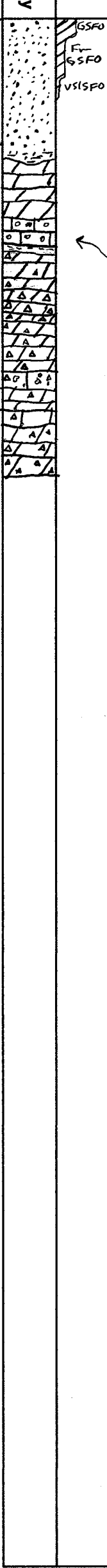
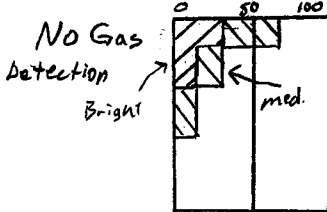
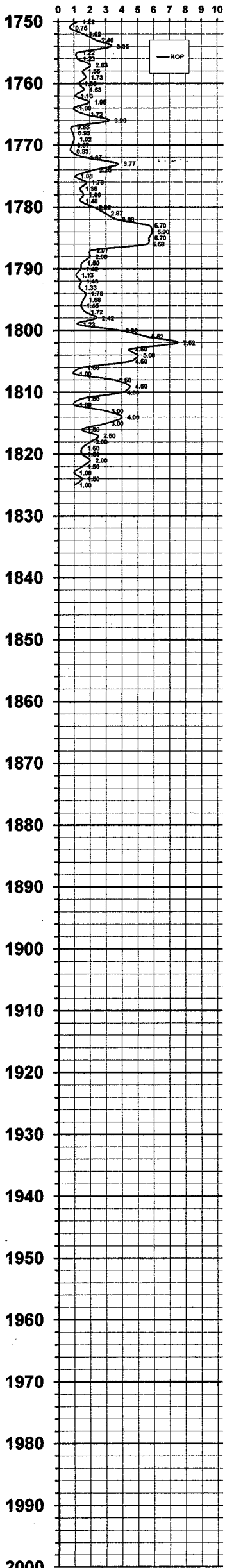
Datum/Elev. GL 1139'

Min./Foot

Units

Sample Descriptions (Lagged)

Tops/Remarks



1750'-53' SS, 70, lt bn, f to min md gn, gdφ, spotty GSFO in porous, 20, lg, vt-f, silty, pr-f, NS

1753'-58' SS, 30, lt bn-gy, f to min md & vt, gdφ, Fr-GSFO

1758'-62' SS, 40, o-wh, vt-md gn, silty, tite No show, Pyr

1762'-67' SS, 15, w/s spotty show, f-m gn, gdφ 70, o-wh, fr-gdφ, NS

1767-73 SS, vlg, f-m gn, gd-vgdφ, abd 1sc gns, patchy tite vt, NS

1773' Dol, tn-gy, v f xl, prφ, NS

Gn stn, f-m xl, lt tn-gy, prφ, NS, few sh intbd gn to gn-gy

Dol, tn to lt tn-gy, v f xl, prφ, NS: ch, 5, 0-w

Dol, AA, ch, 30, 0-w

Gn stn, lt tn-gy, v f xl, prφ, NS

h 5, lt gy-th, f-m xl, ch 2, cl

Dol, lt tn-gy, v f, prφ, NS, ch, 20 mltay wh to cl

Base Mobile? oil 1753(-614)

TOP MISS

1773 (-634)

04 Log 1770

RTD

1825 (-686)

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/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

January 03, 2013

Dennis Hodges
Hodges, Dennis D. and/or Peggy D.
1827 Rd Z
Reading, KS 66868

Re: ACO1
API 15-031-23391-00-00
Hodges 6
NW/4 Sec.12-21S-13E
Coffey County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Dennis Hodges