



KANSAS CORPORATION COMMISSION 1099913
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- 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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

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



1099913

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> 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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

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
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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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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FIELD TICKET

Customer	Petro River Operating	Stage	11
Customer Acct #		County	Marion County, Kansas
Well No.	Scully A #1-11	Section	1
Mailing Address		TWP	29N
City & State		RGE	9E
Zip Code		Formation	Mississippi
Dispatch Location	BARTLESVILLE	Perfs	2491-2518

Code	Vehicles, Equipment and Mileage	Quantity	Unit	Price per Unit	
5102	2250 HP PUMP (UP TO 5500 PSI)	7	PER STAGE	3275.00	\$ 22,925.00
5106D	BLENDER TRUCK (75-100 BPM)	1	PER STAGE	3835.00	\$ 3,835.00
5111	FRAC VAN	1	PER STAGE	1500.00	\$ 1,500.00
5116B	IRON TRUCK W/ BOOM	1	PER STAGE	2000.00	\$ 2,000.00
5107	FLOW METERED CHEMICAL PUMP	2	PER STAGE	125.00	\$ 250.00
5116D	FRAC MANIFOLD TRAILER	1	AGE PLUS WIN	2000.00	\$ 2,000.00
5106I	INCREMENTAL COST (BBL OVER 5000)	5,386	PER BBL	0.46	\$ 2,477.56
5116C	CHEMICAL TRUCK	1	PER STAGE	400.00	\$ 400.00
5116E	SUCTION MAINFOLD	1	PER STAGE	2000.00	\$ 2,000.00
0			0	0.00	\$ -
0			0	0.00	\$ -
SUBTOTAL					\$ 37,387.56
25% EQUIPMENT DISCOUNT					\$ 9,346.89
EQUIPMENT TOTAL					\$ 28,040.67
Chemical Treatment and Water					
1252	Maxflo (MA844)(MA-844W	108.0	0	50.00	\$ 5,400.00
1219B	STIMFLO (FBA)	4.0	GALLONS	65.00	\$ 260.00
1205	BACHCIDE	108.0	GALLONS	30.00	\$ 3,240.00
1234A	FRICTION REDUCER (SP-902)	216.0	GALLONS	40.00	\$ 8,640.00
1275	15% HCL ACID (CHARGE FOR INHIBITOR IN ADDITION)	4,000.0	GALLONS	2.40	\$ 9,600.00
1202	ACID INHIBITOR (AI-260)	4.0	GALLONS	50.00	\$ 200.00
1214	IRON CONTROL (SP-950)	8.0	GALLONS	40.00	\$ 320.00
0			0	0.00	\$ -
0			0	0.00	\$ -
0			0	0.00	\$ -
0			0	0.00	\$ -
0			0	0.00	\$ -
0			0	0.00	\$ -
CHEMICAL TOTAL					\$ 27,660.00
Sand					
2109	40/70 WHITE SAND	41,250	POUNDS	\$0.35	\$ 14,437.50
2105	100-MESH	41,250	POUNDS	\$0.21	\$ 8,662.50
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
SAND TOTAL					\$ 23,100.00
Water and Chemical Transport					
5310A	ACID TRANSPORT	3	PER HOUR	\$140.00	\$ 420.00
5109	BULK SAND DELIVERY (50 MILE MIN.)	300	PER MILE	\$6.28	\$ 1,884.00
5108	MILEAGE CHARGE (ONE WAY)	1,500	PER MILE	\$4.00	\$ 6,000.00
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
TRANSPORT TOTAL					\$ 8,304.00
Frac Valves					
5604A	4 INCH FRAC VALVE	3	PER WELL	\$300.00	\$ 900.00
5611	FRAC HEAD	1	PER WELL	\$6,000.00	\$ 6,000.00
FRAC VALVE TOTAL					\$ 6,900.00
Miscellaneous Costs					
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
MISC. TOTAL					\$ -

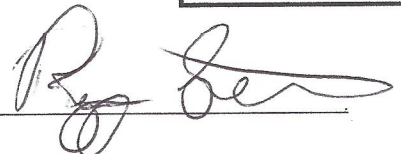
					103,351.56
	25%	EQUIPMENT DISCOUNT (FROM ABOVE)			9,346.89
	25%	MATERIALS DISCOUNT			16,491.00
		SALES TAX			
DISCOUNTED TOTAL					\$ 77,513.67

DISCOUNT
(GOOD IF PAID WITHIN 30 DAYS)

P.O. NUMBER: 1234

CUSTOMER or AGENTS SIGNATURE

COWS FOREMAN



CUSTOMER or AGENT (PLEASE PRINT)

DATE

TREATMENT REPORT
FRAC AND ACID

Customer	Petro River Operating
Customer Acct #	
Well No.	Scully A #1-11
Mailing Address	
City and State	
Zip Code	
Dispatch Location	BARTLESVILLE

County	Marion County, Kansas	Stage	1
Section	1	Formation	Mississippi
TWP	29N	TVD Perfs	2491-2518
RANGE	9E	MD Perfs	

On Location	
Departed	

WELL DATA						TRUCK#	DRIVER	TRUCK#	DRIVER
TREATMENT TYPE:	TREATMENT THROUGH CASING				PLUG DEPTH (FT)	412-T97	Mike H	656	Gerald W
TVD OF PERFS	2491-2518	MD OF PERFS	2491-2518	PACKER DEPTH (FT)		559-T114	Mark C		
CASING SIZE (OD)	CASING WEIGHT	TMD TO TOP PERF(FT)	ID (INCHES)	DISPL COEF (BBL/FT)	VOLUME (BBLs)		407	Brandon W	
5 1/2	J-55 (15.5 LBS)	2491	4.95	0.0238	60.0	662-T166	Chad C		
0	0	0	0	0.0000	0.0	565-T152	Robert S		
OVER FLUSH	0	DISPLACEMENT TO TOP PERF (BBLs)			60.0	598-T144	Asa M		
						578	Greig H		
						636-T113	William H		

PERF DATA	CHEMICALS				TRUCK#	DRIVER
TOTAL HOLES SHOT	Maxflo (MAB44)(MA-944W)				451-T117	Clay C
HOLE ID (IN)	STIMFLO (FBA)				649-T142	Ryan S
PHASING	BACHSIDE				554-T115	Russel S
SPF	FRICTION REDUCER (SP-902)				499-T79	Dusty B
	5% HCL ACID (CHARGE FOR INHIBITOR IN ADDITION)				500-T168	Steve S
	ACID INHIBITOR (AI-260)				560-T123	Dusty F
	IRON CONTROL (SP-950)				532	Frank B
EFFECTIVE HOLES					634-T997	Jason L

FET ANALYSIS (Optional)							
FLUID WEIGHT	8.34	MAX RATE:		MAX PRESSURE		ISDP	
HYDROSTATIC HEIGHT	3408	RATE 1		PRESSURE 1		5 MIN SIP	FRAC GRAD
FLUID SG	1.01	RATE 2		PRESSURE 2		10 MIN SIP	FLUID EFF (%)
HYDROSTATIC PRESS	1477.98	RATE 3		PRESSURE 3		15 MN SIP	CALC PERM

PRESSURE DATA							
MAX PRESSURE	INITIAL PRESSURE	BREAKDOWN PRESSURE		ISIP	5 MIN	10 MIN	15 MIN
		2010		110	91	7	

SUMMARY				PROP TYPE		TOTAL PUMPED
TOTAL FLUID PUMPED	10381 BBLs	MAX TREATING PRESSURE	3052 PSI			
PROPPANT PUMPED	82467 LBS	MIN TREATING PRESSURE	382 PSI			
MAX RATE	70 BBL/MIN	AVE TREATING PRESSURE	1,703			
MIN RATE	10 BBL/MIN					
AVERAGE RATE	34.72834987					
FOAM QUALITY		FLUID WEIGHT	8.34			
AMOUNT OF FOAM PUMPED		HYDROSTATIC HEIGHT	3408			
TYPE OF FOAM		HYDROSTATIC PRESS	1,477.98			
		FRAC GRADIENT	0.47			

STAGE	CLEAN BBLs	DESIGN	FLUID TYPE	PRESSURE	RATE	PROP AMOUNT	DESIGN	CONC	TYPE
1	357		Slick Water	3052-2041	0-70	0.00			
2	47		Acid	2041-382	0-10	0.00			
3	952		Slick Water	382-2199	0-70	0.00			
4	357		Slick Water	2199-1922	0-70	3748.50		0.25	100-MESH
5	357		Slick Water	1922-1814	0-70	0.00			
6	357		Slick Water	1814-1785	0-70	3748.50		0.25	100-MESH
7	357		Slick Water	1785-1749	0-70	0.00			
8	357		Slick Water	1749-1728	0-70	7497.00		0.50	100-MESH
9	357		Slick Water	1728-1717	0-70	0.00			
10	357		Slick Water	1717-1752	0-70	11245.50		0.75	100-MESH
11	357		Slick Water	1752-1682	0-70	0.00			
12	357		Slick Water	1682-1750	0-70	14994.00		1.00	100-MESH
13	357		Slick Water	1750-852	0-70	0.00			
14	47		Acid	852-840	0-10	0.00			
15	952		Slick Water	840-1863	0-70	0.00			
16	357		Slick Water	1863-1825	0-70	3748.50		0.25	40/70 WHITE SAND
17	357		Slick Water	1825-1827	0-70	0.00			
18	357		Slick Water	1827-1928	0-70	3748.50		0.25	40/70 WHITE SAND
19	357		Slick Water	1928-1922	0-70	0.00			
20	357		Slick Water	1922-1844	0-70	7497.00		0.50	40/70 WHITE SAND
21	357		Slick Water	1844-1830	0-70	0.00			
22	357		Slick Water	1830-1898	0-70	11245.50		0.75	40/70 WHITE SAND
23	357		Slick Water	1898-1845	0-70	0.00			
24	357		Slick Water	1848-1893	0-70	14994.00		1.00	40/70 WHITE SAND
25	1243		Slick Water	1893-1235	0-70	0.00			
26						0.00			
27						0.00			

CurrentJobRpt.RPT

FINAL JOB TOTAL REPORT

STAGE #	CARRIER		FLA	CONCENTRATION		SOLIDS	WEIGHT		PUMPED	STURRY		JOB AVERAGES			SOLIDS
	PUMPED	DESIGNED		PUMPED	DESIGNED		PUMPED	DESIGNED		DESIGNED	STR-RATE	STP	BHP	psi	
	BBLs	BBLs	gal	ppa	ppa	LBS	LBS	BBLs	BBLs	bpm	psi	psi	psi	ppa	
1	360.5	357.1	0.00	0.00	0.00	0.00	0.00	362.4	357.1	32.9	1437.48	2241.79	0.00		
2	48.1	47.6	0.00	0.00	0.00	0.00	0.00	48.3	47.6	10.0	316.12	1352.48	0.00		
3	929.7	952.4	0.00	0.00	0.00	1.46	0.00	931.7	952.4	59.1	1923.45	2473.70	0.00		
4	356.5	357.1	0.00	0.25	0.25	3673.96	3750.00	360.4	361.2	70.9	2067.41	2508.46	0.25		
5	350.1	357.1	0.00	0.00	0.00	28.17	0.00	350.2	357.1	71.2	1839.95	2265.30	0.00		
6	358.4	357.1	0.00	0.24	0.25	3670.33	3750.00	362.3	361.2	71.0	1818.44	2250.98	0.24		
7	356.6	357.1	0.00	0.00	0.00	26.88	0.00	356.7	357.1	71.3	1743.42	2164.30	0.00		
8	362.7	357.1	0.00	0.49	0.50	7468.22	7500.00	370.7	365.2	71.1	1779.92	2219.12	0.49		
9	353.0	357.1	0.00	0.00	0.00	52.55	0.00	353.1	357.1	71.3	1720.58	2142.65	0.01		
10	349.7	357.1	0.00	0.74	0.75	10878.55	11250.00	361.2	369.3	71.1	1756.91	2205.00	0.74		
11	349.0	357.1	0.00	0.01	0.00	154.65	0.00	349.3	357.1	71.3	1706.85	2131.87	0.02		
12	358.3	357.1	0.00	0.98	1.00	14773.98	15000.00	374.2	373.3	71.0	1744.12	2197.29	0.98		
13	496.2	357.1	0.00	0.00	0.00	42.61	0.00	493.8	357.1	23.1	164.83	1129.81	0.00		
14	29.7	47.6	0.00	0.00	0.00	0.00	0.00	30.2	47.6	13.0	35.84	1006.73	0.00		
15	735.0	952.4	0.00	0.00	0.00	3.80	0.00	736.5	952.4	67.6	1675.10	2128.23	0.00		
16	281.3	357.1	0.00	0.24	0.25	2881.50	3750.00	284.4	361.2	72.9	1861.05	2264.27	0.24		
17	318.6	357.1	0.00	0.00	0.00	37.16	0.00	318.7	357.1	73.3	1847.93	2239.81	0.00		
18	369.0	357.1	0.00	0.24	0.25	3768.54	3750.00	373.0	361.2	72.9	1871.64	2273.76	0.24		
19	324.3	357.1	0.00	0.00	0.00	20.79	0.00	324.4	357.1	73.2	1870.53	2264.08	0.00		
20	344.5	357.1	0.00	0.50	0.50	7177.75	7500.00	352.1	365.2	72.9	1862.15	2275.71	0.50		
21	308.9	357.1	0.00	0.01	0.00	143.16	0.00	309.1	357.1	73.3	1843.38	2237.24	0.02		
22	355.1	357.1	0.00	0.74	0.75	10988.21	11250.00	366.7	369.2	72.8	1876.89	2299.13	0.74		
23	299.1	357.1	0.00	0.01	0.00	181.18	0.00	299.5	357.1	73.3	1855.41	2249.26	0.02		
24	378.2	357.1	0.00	0.97	1.00	15348.22	15000.00	394.7	373.3	72.9	1879.64	2310.03	0.97		
25	1004.8	1243.0	0.00	0.00	0.00	13.06	0.00	1003.6	1243.0	56.0	3870.77	4689.02	0.00		
FractJob	9368.7	9981.0	0.00	0.21	0.20	81334.71	82500.00	9456.3	10070.1	60.9	1796.56	2437.52	0.27		
TotlJob	9777.2	10385.8	0.00	0.20	0.19	81334.71	82500.00	9866.9	10474.8	57.7	1745.08	2403.24	0.25		

