



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: _____



1095371

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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CONSOLIDATED
Oil Well Services, LLC

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

ENTERED
FIELD TICKET & TREATMENT REPORT

TICKET NUMBER 36384
LOCATION Eureka
FOREMAN Steve Mead

CEMENT API 15-207-28088

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-2-12	1519	Kanham #5	24	255	14E	Woodson
CUSTOMER <u>Edward E. Birk (Birk Oil)</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>302 S. 16th St</u>			485	Alan m		
CITY <u>Burlington</u>			513	Calin		
STATE <u>Ks</u>			611	Joey		
ZIP CODE <u>66839</u>			452/763	Ed		

JOB TYPE Logging HOLE SIZE 6 3/4 HOLE DEPTH 1590 CASING SIZE & WEIGHT _____
 CASING DEPTH 1526 DRILL PIPE _____ TUBING 2 7/8 OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING _____
 DISPLACEMENT 8 3/4 DISPLACEMENT PSI 800* Bump MIX PSI plug 1200* RATE _____

REMARKS: Safety meeting: Rig up to 2 7/8 tubing. Break circulation w/ fresh water. Pump 500# Gel Flush & 3 bbls Fresh water. Let Drilling Rig Circulate Gel around. Rig back up to 2 7/8 tubing. Pump 5 bbls water. Mix 175 sks 60/40 Perm mix Cement w/ 4% Gel & 1# phenoseal per/sk & 50 sks Thick set Cement w/ 5# Red Seal per/sk. Shutdown wash out pump & lines. Stuff 2 plugs. Displace with 8 3/4 bbls Fresh water. Final Pumping Pressure 800#. Bump Plug 1200# Bleed Pressure down to 500# Shut well in. Good cement Returns to surface. 8 bbl slurry top it.
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	23	MILEAGE	4.00	100.00
1131	175 sks	60/40 Perm mix Cement	12.55	2196.25
1118B	600 #	Gel 4%	.21	126.00
1107A	175 #	Phenoseal 1# per/sk	1.29	225.75
1126A	50 sks	Thick set Cement	19.20	960.00
1110A	250 #	Red Seal 5# per/sk	.46	115.00
5407	10.28 Ton	Tan Mileage Bulk Trucks	m/c	350.00
1118B	500 #	Gel Flush	.21	105.00
5601C	3hrs	Water Transport	112.00	336.00
1123	4000 gallons	City Water	16.50/1000	66.00
			Sub Total	5610.00
			SALES TAX	276.98
			ESTIMATED TOTAL	5886.98

248881

AUTHORIZATION X Ed Birk TITLE _____ DATE _____

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.

OP # 30567

RIG 6 DRILLING CO. INC

PO BOX # 227

R.K. 'BUD' SIFERS
620 365 6294

IOLA, KS
66749

JOHN BARKER
620 365 7806

COMPANY: Edward Birk
ADDRESS: 302 S. 16th
Burlington, KS

LEASE: Lanham
COUNTY: Woodson
LOCATION 1930' fsl/1105' fel
Sec34Twp25Rge14e

COMMENCED: DATE ##### 4/2/2012
COMPLETED: DATE ##### 4/6/2012
WELL #: 5
API#: 15-207-28,088
STATUS: Oil Well
TOTAL DEPTH: 1590'-6 3/4"
CASING: 40'-8 5/8" cmt w/ 20 sx
1526'-2 7/8 Csg.Consol cmt.

DRILLER'S LOG

Depth	Description	Depth	Description
3	soil & clay	1101	1067 Sa NO
10	Ls	1103	1098 Sh w/ sa sh
23	Sh	1137	LS
25	Sa	1153	Sh
80	Sh w/ sa sh	1194	LS w/ sh strks
82	LS	1212	SH w/ ls strks
122	LS w/ sa ls	1221	Sa good odor
206	Sh	1273	Sh
209	Ls	1275	Co
346	Sh	1312	Sh
410	Ls w/ sa ls	1315	Co
461	LS w/ sh strks	1389	Sh
621	LS w/ sa ls	1394	Sa lt odor
632	Sh	1456	Sa w. sh strks
638	LS	1460	Sa lt odor
676	Sh	1464	Sh
834	Ls w/ sh strks	1468	Sa fair odor
953	Sh	1470	Sa lt odor
960	Ls	1494	Sa w/ sh no,ns
979	Sh	1529	Sh
982	Ls	1531	Co
1010	Sh	1541	Sh
1021	LS	1543	Co
1024	Co	1549	Sh
1063	Sh w/ sa sh	1566	LS (miss)
		1568	Sa ls NO,NS
		1570	LS
		1590	Sa NO,NS
		1590	Ls T.D.

THANK YOU !!! WE APPRECIATE YOUR BUSINESS !!!

GEOLOGICAL REPORT

Lanham #5
1930' FSL, 1105' FEL
Sec. 34 T25S R14E
NW SW NE SE
Woodson County, Kansas

Date: 4/9/12

Operator: Ed Birk, 302 S. 16th St., Burlington, Kansas 66839

Drilling Contractor: Rig 6 Drilling
Mud Rotary Drill Rig

Wellsite Geologist: Julie Shaffer

Dates Drilled: April 4 & 5, 2012

Total Depth: 1590' **Elevation:** 1051' (Est.)

Status: OIL WELL

Notes: Well cuttings were examined at the drill rig and discarded. Select samples of zones of interest were saved and examined in the laboratory with a binocular microscope and blacklight. Formation tops were picked from the geolograph and correlated back to the open hole logs.

Comments: Squirrel Sandstone had a fair to good oil show (drillers log) from 1216-1226'
Upper Bartlesville Sandstone had a poor oil show from 1390-1410'
Lower Bartlesville Sandstone had a fair oil show from 1470-1475'
Mississippi had no visual oil show but a porous sucrosic dolomite with good fluorescence and a faint oil cut

FIELD and LABORATORY SAMPLE EXAMINATION

0-1216' Samples not examined

Top of the Upper Squirrel Sandstone at 1216' (-165')

1216-1226' Sandstone, medium gray with a moderately uniform medium brown oil and a heavier dark brown speckled oil staining, fair saturation, mostly loose fairly sorted with sub-angular to sub-rounded fine grains, silty, 16-18% porosity, slightly micaceous, free oil bleed and good oil show on the pit noted on the drillers log, free oil on water when washed, strong petroliferous odor, microscopic gas bubbles popping on cuttings surface, 70-80% heavy evenly speckled bright yellowish-green hydrocarbon fluorescence, slightly broken with light gray sand, 12-16% porosity, traces of shale laminations present

1226-1390' Samples not examined

Top of the Upper Bartlesville Sandstone at 1390' (-339')

1390-1394' Sandstone, medium-light gray, mottled dark brown oil staining, very fine grained, well sorted, sub-rounded, silty cementation, fairly friable, fair saturation, 14-16% porosity, broken with shale laminations, micaceous, calcareous, fair petroliferous odor, 50-60% heavily mottled bright yellowish-green hydrocarbon fluorescence

1394-1410' Sandstone, medium-light gray, mottled dark brown to black oil staining, fine grained, well sorted, sub-rounded, silty cementation, friable, fair to good saturation, 16-18% porosity, slightly broken with shale laminations, micaceous, calcareous, good petroliferous odor, 75-85% heavily mottled to uniform bright yellowish hydrocarbon fluorescence

1410-1440' Sandstone, medium gray, speckled black oil staining, coarser sand grains have a light brown oil staining, 70% of chips have very fine well cemented grains and 30% of chips have coarse, loosely cemented grains, 14-16% porosity, calcareous, abundant shale laminations, micaceous, calcareous, fair petroliferous odor, 30-40% mottled medium-bright yellow hydrocarbon fluorescence

1440-1462' Shale, medium-light gray, silty to almost sandy in some samples, no petroliferous odor, no fluorescence

Top of the Lower Bartlesville Sandstone at 1462' (-411')

1462-1465' Sandstone, light yellowish-gray, loose well sorted fine grains, good porosity, gas bubbles observed popping on surface, no petroliferous odor, no fluorescence

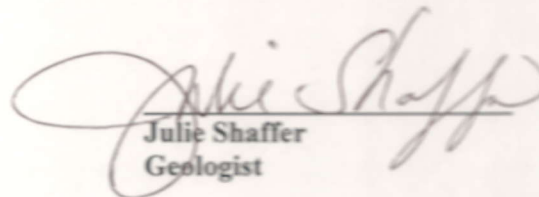
1465-1470' Sandstone, light-gray with a faint yellowish-gray stain, pale yellowish-orange oil bleed, loose well sorted medium-fine grains, friable, good porosity ~18-20%, gas bubbles observed popping on cuttings surface, slightly calcareous, very little silt, rainbow sheen on pit, fair petroliferous odor, 10-20% mottled medium-bright yellow fluorescence

- 1470-1475' Sandstone, light-gray, pale yellowish-orange oil bleed/stain, loose well sorted sub-angular to sub-rounded fine to coarse grains, friable, good porosity, gas bubbles observed popping on surface, little to no silt, 20+^o% porosity, free oil on pit (very little show), good petroliferous odor, field notes indicate a 90% heavily mottled medium-bright yellow hydrocarbon fluorescence, after washing cuttings only exhibit a 60-70% mottled medium-bright yellow fluorescence, oil observed was a very lightweight yellow/gold color, some free oil was observed on water when washing (fluoresced), samples exhibited a fairly fast, even, medium-bright, bluish-white cut under black light
- 1475-1488' Shale, silty to sandy, no petroliferous odor, no fluorescence
- 1488-1490' Rowe Coal, few cuttings seen
- 1490-1534' Shale, dark gray, pyritic
- 1534-1537' Riverton Coal, no cuttings observed
- 1537-1554' Shale, dark gray

Top of the Mississippi at 1554' (-503')

- 1554-1564 Chert (80%), white/off-white, siliceous and chalky; Limestone (10%), olive gray, fine grained, pyritic, <2% pinpoint vugular porosity, no petroliferous odor/show, no fluorescence; Shale (10%), medium to dark gray, dove gray, waxy
- 1564-1571' Limestone, white, fine grained, scattered pyrite, no visible porosity, no petroliferous odor/show, faintly mottled dull yellow fluorescence, no hydrocarbon cut
- 1571-1575' Dolomite, off-white, pale yellowish-brown, calcareous, sucrosic, very friable, overall low intercrystalline porosity, majority of chips exhibit as high as 20-25% vugular porosity, no petroliferous show, slight flash odor at 1570', 100% uniform medium-bright yellow fluorescence. Samples exhibited a moderately slow, very faint, even, milky blue cut in dimple tray with ether, no residual oil show in white light. Trace of shale laminae present.
- 1575-1590' Limestone olive gray, fine grained, siliceous, no fluorescence

T.D. 1590'


Julie Shaffer
Geologist