



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1190848
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

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

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

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

1190848

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

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

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

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

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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

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

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

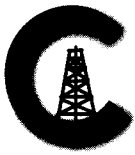
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

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

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> _____	PRODUCTION INTERVAL: _____ _____
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CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

INVOICE

Invoice # 261662

Invoice Date: 08/27/2013 Terms: 0/0/30,n/30

Page 1

RAVEN COMPANY
PO BOX 6691
GRANBURY TX 76049
() -

ALLEN #23
43394
7-34-14
08-20-13
KS

Part Number	Description	Qty	Unit Price	Total
1126A	THICK SET CEMENT	90.00	20.1600	1814.40
1110A	KOL SEAL (50# BAG)	450.00	.4600	207.00
1107A	PHENOSEAL (M) 40# BAG)	90.00	1.3500	121.50
1118B	PREMIUM GEL / BENTONITE	400.00	.2200	88.00
1105	COTTONSEED HULLS	45.00	.4600	20.70
4404	4 1/2" RUBBER PLUG	1.00	47.2500	47.25
1123	CITY WATER	6000.00	.0173	103.80

Sublet Performed	Description	Total
9995-170	CEMENT EQUIPMENT DISCOUNT	-117.05
9996-170	CEMENT MATERIAL DISCOUNT	-97.48

Description	Hours	Unit Price	Total
445 CEMENT PUMP	1.00	1085.00	1085.00
445 EQUIPMENT MILEAGE (ONE WAY)	40.00	4.20	168.00
McCOY 80 BBL VACUUM TRUCK (CEMENT)	4.00	90.00	360.00
637 80 BBL VACUUM TRUCK (CEMENT)	4.00	90.00	360.00
667 MIN. BULK DELIVERY	1.00	368.00	368.00

Parts:	2402.65	Freight:	.00	Tax:	141.76	AR	4670.88
Labor:	.00	Misc:	.00	Total:	4670.88		
Sublt:	-214.53	Supplies:	.00	Change:	.00		

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

ENTERED

TICKET NUMBER 43394
LOCATION Eureka KS
FOREMAN Shannon Felk

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

FIELD TICKET & TREATMENT REPORT

CEMENT API # 15-125-32350

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-20-13		Allen # 23	7	34	14	McMurtre
CUSTOMER Raven Company			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS P.O. Box 6691			445	Dave G		
CITY Granbury			667	colby N		
STATE TX			637	Joey K		
ZIP CODE 76049			92	Alan G	McLoy Trucking	

JOB TYPE 4/5 HOLE SIZE 6 3/4" HOLE DEPTH 837' CASING SIZE & WEIGHT 4 1/2" @ 10.50#
 CASING DEPTH 826' w/Threads DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.4-13.6 SLURRY VOL _____ WATER gal/sk 9.0 CEMENT LEFT in CASING Ø
 DISPLACEMENT 13 1/4 DISPLACEMENT PSI 300 MIX PSI Bump Plug @ 700 RATE 5 BPM

REMARKS: Rig up to 4 1/2" casing, Break circulation, mixed 400 # gel flush w/ hulls, 5 Bbl H2O spacer, mixed 90 SKS Thickset cement w/ 5# Kol-seal/sk + 1# phenoseal/sk @ 13.4-13.6 #/gal. Shut down wash out pump & lines, displace w/ 13 1/4 Bbl H2O. Final pumping pressure of 300psi, bumped plug @ 700 psi. Plug + Float held, Good circulation @ all times, 7 Bbl slurry to pit, job complete.

"Thanks Shannon & crew"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1085.00	1085.00
5406	40	MILEAGE	4.20	168.00
1126A	90 SKS	Thickset Cement	20.16	1814.40
1110 A	450 #	Kol-seal @ 5#/sk	.46	207.00
1107A	90 #	Phenoseal @ 1#/sk	1.35	121.50
5407	4.95 Tons	Ton mileage bulk Truck	M/L	368.00
1118 B	400 #	Gel Flush	.22	88.00
1105	45 #	Hulls	.46	20.70
4404	1	4 1/2 Top Rubber Plug	47.25	47.25
1123	6000 gals	City H2O	17.30/1000	103.80
5502C	4 Hrs	80 Bbl Val Truck #637 Consolidated	90.00	360.00
5502C	4 Hrs	80 Bbl Val Truck #92 McLoy Trucking	90.00	360.00
		4916.12	Check # 1006	
		-5% 245.84		
		<u>4670.88</u>	6.15%	
		Sub Total		4426.65
		SALES TAX		147.16
		ESTIMATED TOTAL		4891.41

Ravin 3737

Rural
20130820

AUTHORIZATION by Mike McChenning TITLE col Rep DATE 8-20-2013

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.



TERMS

In consideration of the prices to be charged for Consolidated Oil Well Services, LLC (COWS) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay COWS interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event COWS retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by COWS.

Any applicable federal, state or local sales, use occupation, consumer's or emergency taxes shall be added to the quoted price. All process license fees required to be paid to others will be added to the scheduled prices.

All COWS' prices are subject to change without notice.

SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by COWS. The Customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service which is to be performed.

(a) COWS shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a 'claim') for damage to property, or injury to or death of employees and representatives, of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of COWS, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.

(b) Unless a claim is the result of the sole willful misconduct or gross negligence of COWS, Customer shall be responsible for and indemnify and hold COWS harmless from any claim for: (1) reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS; (3) injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to; injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole; and (4) well damage or reservoir damage caused by (i) loss of circulation, cement invasion, cement misplacement, pumping cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) sub-surface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. COWS may furnish down hole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage, loss or result caused by the use of such tools.

Further, Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

(c) COWS makes no guarantee of the effectiveness of any COWS' products, supplies or materials, or the results of any COWS' treatment or services.

(d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS' personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS' gross negligence or willful misconduct in the preparation or furnishing of it.

(e) COWS may buy and re-sell to Customer down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B packers, and Customer agrees that COWS is not an agent or dealer for the companies who manufacture such items, and further agrees that Customer shall be solely responsible for and indemnify COWS against any claim with regard to the effectiveness, malfunction of, or functionality of such items.

WARRANTIES - LIMITATION OF LIABILITY

COWS warrants title to the products, supplies and materials, and that the same are free from defects in workmanship and materials. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, NOR ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and Customer's exclusive remedy in any claim (whether in contract, tort, breach of warranty or otherwise,) arising out of the sale or use of any COWS' products, supplies, materials or services is expressly limited to the replacement of such products, supplies, materials or services or their return to COWS or, at COWS' option, an allowance to Customer of credit for the cost of such items.

Customer waives and releases all claims against COWS for any special, incidental, indirect, consequential or punitive damages.

HUTCHINGS / RAVEN
P.O. BOX 8691
GRANBURY, TX 76049-0119

WELLS FARGO BANK, N.A.
www.wellsfargo.com
37-65/1118

1006

8-20-13

PAY TO THE
ORDER OF

Consolidated Oil Well Services

\$4,670.⁰⁰

Four thousand six hundred seventy and ⁰⁰/₁₀₀

MEMO

Walter H. Maw

AUTHORIZED SIGNATURE

⑆0000001006⑆ ⑆111900659⑆ 2146283318⑆



Invoice/Bill of Lading

EMERGENCY 24 HOUR RESPONSE
1-800-535-5053

PO Box 542
 Winfield, KS 67156
 Ph: 620-221-7524 Fax: 620-221-7514

Date	Invoice#
9/6/2013	11682

Bill To
The Raven Company PO Box 6691 Granbury, TX 76049

Lease/Well Name:

Terms	Due Date	P.O. #	Origin	Ship Date	Truck #	Driver	County
Due on rec...	9/6/2013		Winfield, KS	9/6/2013	702/703	Billy	Montgomery

No. of Package	HM	Item Code	Description	Total Weight	Quantity (Gallons)	Unit Price	Amount
		HCl	UN1789, Hydrochloric acid solution, 8, PG II		500	1.95	975.00
		SN-2040	Chemicals, NOS, PG III, (Not Regulated), Frac Sand - 20/40		11,600	0.28	3,248.00
		SN-1220	Chemicals, NOS, PG III, (Not Regulated), Frac Sand - 12/20		400	0.47	188.00
		WGA-D	Chemical, NOS, PGIII, (Not Regulated), Frac Gel with Breaker		250	15.90	3,975.00
		BallGun	Ball Injector Charge			125.00	125.00
		PerfBalls	Perf Balls		20	1.50	30.00
		FracTruckLg	Frac Truck Charge over 3000#			650.00	650.00
		Miles	Miles One Way		30	3.00	90.00
		FracTruckLg	Frac Truck Charge over 3000#			650.00	650.00
		Miles	Miles One Way		30	3.00	90.00
		Sndtrk	Sand Truck & Trailer - #705			450.00	450.00
		Miles	Miles One Way		30	3.00	90.00
		FlushTrk	Water trucks & water			1,120.00	1,120.00
			Subtotal				11,681.00
		discount	Discount if paid on location			-585.00	-585.00
			New Well				

			Subtotal		\$11,096.00
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Thank you for your business! Customer Representative Date

LIMITATION OF LIABILITY
 Seller shall not be liable for, and buyer assumes responsibility for all personal injuries and property damages resulting from the handling, possession or use of the goods after delivery to buyer. In no event shall seller's liability exceed the purchase price of the products or services that are the subject of any claims made by buyer. In no event shall buyer be entitled to incidental or consequential damages. Buyer further agrees to indemnify and hold seller harmless from all claims, losses or damages attributable to pollution or contamination and cost of control or removal thereof, alleged to have been caused by materials sold to buyer hereunder.

Sales Tax (6.15%)	\$0.00
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Total	\$11,096.00
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1 1/2% Interest per month charged on all past due accounts

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/>

Shari Feist Albrecht, Chair
Thomas E. Wright, Commissioner
Jay Scott Emler, Commissioner

Sam Brownback, Governor

February 28, 2014

Gary Dakil
The Raven Company LLC
PO BOX 6691
GRANBURY, TX 76049

Re: ACO-1
API 15-125-32350-00-00
Allen 23
SW/4 Sec.07-34S-14E
Montgomery County, Kansas

Dear Gary Dakil:

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 8/19/2013 and the ACO-1 was received on February 25, 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