



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1207686  
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: \_\_\_\_\_

1207686

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Bird 3319 3-6
Doc ID	1207686

Tops

Name	Top	Datum
Base Anhydrite	2352	
Base Heebner Shale marker	4164	
Top Lansing Limestone Group	4338	
Top Marmaton Limestone Group	4837	
Top Oswego Limestone	4871	
Top Pawnee Limestone	4926	
Top Cherokee Shale Marker 1	4957	
Top Cherokee Shale Marker 2	4971	
Top Miss Unconformity and 'Solid'	5057	
Top Kinderhook Group	5869	
Top Viola Carbonates	5881	
Top Simpson Carbonates	6057	





**INVOICE**

DATE	INVOICE #
2/7/2014	4541

<b>BILL TO</b>
SANDRIDGE ENERGY, INC. ATTN: PURCHASING MANAGER 123 ROBERT S. KERR AVENUE OKLAHOMA CITY, OK 73102

<b>REMIT TO</b>
EDGE SERVICES, INC. PO BOX 609 WOODWARD, OK 73802

COUNTY	STARTING D...	WORK ORDER	RIG NUMBER	LEASE NAME	Terms
COMANCHE, ...	2/6/2014	3470	HORIZON 5	BIRD 3319 3-6	Due on rec...

Description
DRILLED 100' OF 30" CONDUCTOR HOLE DRILLED 6' OF 76" HOLE FURNISHED AND SET 6' X 6' TINHORN CELLAR FURNISHED 100' OF 20" CONDUCTOR PIPE FURNISHED MUD, WATER, AND TRUCKING FURNISHED WELDER AND MATERIALS FURNISHED 9 YARDS OF GRADE A CEMENT FURNISHED GROUT PUMP DRILL MOUSE HOLE FURNISHED 25' OF 14" CONDUCTOR PIPE  TOTAL BID \$15,250.00

<b>Sales Tax (6.15%)</b>	\$128.66
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<b>TOTAL</b>	\$15,378.66
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# ALLIED OIL & GAS SERVICES, LLC 062328

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT:  
Men Lodge

DATE <u>2-16-14</u>	SEC. <u>6</u>	TWP. <u>33</u>	RANGE <u>19</u>	CALLED OUT <u>12:30 A.M</u>	ON LOCATION <u>3:00 A.M</u>	JOB START <u>5:00</u>	JOB FINISH <u>3:00 P.M</u>
LEASE <u>Bird</u>	WELL # <u>3319-3-6</u>		LOCATION <u>Protection KS</u>	COUNTY <u>Comanche</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one) <u>NEW</u>			<u>3E.8N MM 173</u>				

CONTRACTOR <u>Horizon 5</u>	OWNER <u>Sondeidgs</u>
TYPE OF JOB <u>Surface 8-18</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>786</u>
CASING SIZE <u>8 5/8 24'</u>	DEPTH <u>786</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>46.73</u>
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT <u>47 Bbls</u>	
EQUIPMENT	
PUMP TRUCK CEMENTER <u>J. SEBA</u>	
# <u>550-SSS</u> HELPER <u>JASON T</u>	
BULK TRUCK	
# <u>331-252</u> DRIVER <u>Hebec R (FLWS)</u>	
BULK TRUCK	
# <u>421-280</u> DRIVER <u>Ron B</u>	

  

CEMENT	
AMOUNT ORDERED <u>265x 65/35 60GFL</u>	
<u>2 1/2" A 1/2" Flossal</u>	
<u>155x A 2 1/2" 1/2" Flossal 300sx Class A + 2%</u>	
COMMON <u>class A 455x @ 17.90</u>	<u>8144.50</u>
POZMIX	@
GEL	@ <u>6.00</u>
CHLORIDE	<u>17x @ 64.00</u> <u>1088.00</u>
ASC	@
<u>ALW</u>	<u>265x @ 16.50</u> <u>4372.50</u>
	@
<u>Floreal</u>	<u>212 # @ 2.97</u> <u>629.64</u>
	@
	@
	@
	@
HANDLING <u>781.28</u> <u>4.3</u>	<u>2.48</u> <u>1937.37</u>
MILEAGE <u>50 miles</u> <u>39.2 ton</u> <u>2.60</u>	<u>4446.00</u>
TOTAL <u>20618.21</u>	

**REMARKS:**  
Run 18 #1's 24" 8 5/8 CSG  
Set 786  
Mix Pump 265 x 65/35 60 GFL 2 1/2" CC 1/2" Flossal  
Mix Pump 155x A 2 1/2" CC 1/2" Flossal  
P:30 47 Bbls Plug down 6:30 10:00  
KS LEAK HELD  
Did not Circ out  
Temp Survey out on 295'  
Run 275' 1" mix pump 300sx A 2 1/2" CC  
circ out to P.T

CHARGE TO: Sondeidgs  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

To: Allied Oil & Gas Services, LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Doug Langley  
 SIGNATURE Doug Langley

**SERVICE**

DEPTH OF JOB	
PUMP TRUCK CHARGE	<u>2058.50</u>
EXTRA FOOTAGE	@
MILEAGE	<u>50 @ 7.70</u> <u>385.00</u>
MANIFOLD	@ <u>275.00</u>
<u>LV</u>	<u>50 @ 4.40</u> <u>220.00</u>
	@
AFE Number: <u>DC136</u>	
Well Name: <u>Bird 3319</u>	
Code: <u>830.360</u>	TOTAL <u>2938.50</u>
Amount: <u>21,511</u>	
Co. Man: <u>Doug Langley</u>	
Co. Man Sig: <u>Doug Langley</u>	
Notes: _____	
<u>LTRP</u>	@ <u>131.04</u>
	@
AFE Number: <u>DC13657</u>	
Well Name: <u>Bird 3319 3-6</u>	
Code: <u>830.360</u>	
Amount: <u>18,211</u>	TOTAL <u>131.04</u>
Co. Man: <u>Doug Langley</u>	
Co. Man Sig: <u>Doug Langley</u>	
Notes: _____	
SALES TAX (if any) _____	
TOTAL CHARGES	<u>23687.25</u>
DISCOUNT <u>7106.32</u>	IF PAID IN 30 DAYS

Net Pkcs = 16581.43  
 F. Elders



# ALLIED OIL & GAS SERVICES, LLC 062242

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT:  
Medicine Lodge KS

DATE <u>3-1-14</u>	SEC. <u>6</u>	TWP. <u>33</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION <u>4:00 PM</u>	JOB START <u>5:00 PM</u>	JOB FINISH <u>7:30</u>
LEASE <u>Bird 3319</u>		WELL # <u>3-6</u>	LOCATION <u>Protection Ks 3E 1W</u>			COUNTY <u>Comanche</u>	STATE <u>KS</u>
OLD OR <u>(NEW)</u> (Circle one)							

CONTRACTOR Horizon S  
TYPE OF JOB Production  
HOLE SIZE 7 7/8 T.D. 5160  
CASING SIZE 5 1/2 DEPTH 5353  
TUBING SIZE DEPTH  
DRILL PIPE DEPTH  
TOOL DEPTH  
PRES. MAX MINIMUM  
MEAS. LINE SHOE JOINT 47'  
CEMENT LEFT IN CSG. 47'  
PERFS.  
DISPLACEMENT 124  
EQUIPMENT  
PUMP TRUCK CEMENTER David Felio  
# 548/545 HELPER JAKE Heard  
BULK TRUCK  
# 381/252 DRIVER Doug TWS  
BULK TRUCK  
# 819/823 DRIVER

OWNER Sandridge  
CEMENT  
AMOUNT ORDERED 540sx 65:85:16% Gel + 4% FL-160 + 3# Kolseal 140sx class A + 2% Gel + 6% FL-160 + 1% C-45 + 5# Kolseal  
COMMON class A 140sx @ 17.90 2506.00  
POZMIX @  
GEL 65x @ 23.40 140.40  
CHLORIDE @  
ASF ALW #1 A 540sx @ 16.50 8910.00  
@  
FL-160 267# @ 18.90 5046.30  
Kolseal 2320# @ .98 2273.60  
C-45 on (8445) 14# @ 3.47 48.58  
@  
ASF 30B6ls @ 58.70 1761.00  
@  
HANDLING 784.98 fr 3 @ 2.48 1946.15  
MILEAGE 1615.58 miles on 2.60 4278.43  
TOTAL 26911.06

REMARKS:  
AFE Number: DC 13657  
Well Name: Bird 3319 3-6  
Code: 840.380  
Amount: 21,683  
Co. Man: Doug Langley  
Co. Man Sig.: Doug Langley  
Notes:

SERVICE  
DEPTH OF JOB 5353  
PUMP TRUCK CHARGE 3099.25  
EXTRA FOOTAGE @  
MILEAGE 50 @ 7.70 385.00  
MANIFOLD @  
light vehicle 50 @ 4.40 220.00  
@  
TOTAL 3979.25

CHARGE TO: Sandridge  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT  
@ \_\_\_\_\_  
I-TRP @ 85.41  
@ \_\_\_\_\_  
@ \_\_\_\_\_  
@ \_\_\_\_\_  
TOTAL 85.41

To: Allied Oil & Gas Services, LLC.  
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SALES TAX (If Any) \_\_\_\_\_  
TOTAL CHARGES 30975.72  
DISCOUNT price of 21,683.00 IF PAID IN 30 DAYS

PRINTED NAME X Doug Langley  
SIGNATURE X Doug Langley