

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 TCores aken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <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				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
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) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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CEMENTING LOG

STAGE NO.

Date 9-2-15 District Oakley Ticket No. 06260
 Company Boreco Rig Boreco 1
 Lease Leona unit Well No. 11-1 R
 County Waskal State KS
 Location 1 2703 Field _____
Carbon city 5 to cl 1/4 W S + E 1/4

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 8 5/8 Type _____ Weight _____ Collar _____

CEMENT DATA:
 Spacer Type: _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type LITE 3 1/2 CC
1/4 Flg-seal Excess _____
 Amt. 550 Sks Yield 2.20 ft³/sk Density 12.07 PPG
 TAIL: Pump Time _____ hrs. Type COM 3 1/2 CC
 Excess _____
 Amt. 150 Sks Yield 1.33 ft³/sk Density 14.90 PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Casing Depths: Top 100 Bottom 1112 1/2

Pump Trucks Used 431
 Bulk Equip. 818
705

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 12 1/4 T.D. 1112 ft. P.B. to _____ ft.

Float Equip: Manufacturer Weatherford
 Shoe: Type Guide shoe Depth _____
 Float: Type Sh. T. U.S. 1/2 Depth _____
 Centralizers: Quantity 3 Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type water Amt 103.5 Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.637 Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE _____ CEMENTER Andrew

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM (PM)	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
<u>1:30</u>						<u>Start mixing cement down 8 5/8 casing</u> <u>Cement mixed</u> <u>Release plug</u> <u>start displacement</u>
				<u>10</u>		
				<u>10</u>		
				<u>10</u>		
	<u>400</u>			<u>10</u>		
				<u>10</u>		
				<u>10</u>		
	<u>800</u>			<u>10</u>		
				<u>10</u>		
	<u>800</u>			<u>10</u>		
	<u>1500</u>			<u>4</u>		<u>plug landed</u> <u>plug did not hold</u> <u>shot in</u>

FINAL DISP. PRESS: 800 PSI BUMP PLUG TO 1500 PSI BLEEDBACK 1/4 BBLs. THANK YOU

MILLER PRINTERS, INC. - Great Bend, KS

ALLIED OIL & GAS SERVICES, LLC

Federal Tax I.D. #20-5975804

067686

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

SERVICE POINT

Dabney Hwy

DATE <i>10/4/05</i>	SEC. <i>1</i>	TWP. <i>27</i>	RANGE <i>33</i>	CALLED OUT	ON LOCATION	JOB START <i>5:00 am</i>	JOB FINISH <i>7:00 pm</i>
LEASE <i>Leona cont</i>	WELL # <i>11-1R</i>	LOCATION <i>Coada City 570 CL 1/2 W</i>			COUNTY <i>Haskell</i>	STATE <i>KS</i>	
OLD OR NEW (Circle one)				<i>1/2 S E 10th</i>			

CONTRACTOR *Beredco*
 TYPE OF JOB *Prod. & Stage*
 HOLE SIZE *7 1/8* I.D.
 CASING SIZE *5 1/2* DEPTH *5200'*
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL *OV* DEPTH *3199*
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT *4200*
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT

OWNER *Same*
 CEMENT AMOUNT ORDERED *225 SK ASC 1079.500 2000 lbs*
1/2-170 P 1160 = 25 1/2 SK Cement
425 SK 65135 670 gal 147 P

<i>425 SK</i>	@ <i>19.80</i>	<i>8449.00</i>
POZMIX	@	
GEL	@	
CHLORIDE	@	
ASC <i>225 SK</i>	@ <i>23.50</i>	<i>5522.50</i>
<i>Gilpoints 1410 lb</i>	@ <i>1.99</i>	<i>1395.20</i>
<i>Bitumex 60</i>	@ <i>3.50</i>	<i>210.00</i>
<i>CE 210 111 lb</i>	@ <i>18.92</i>	<i>2099.92</i>
<i>Closeal 102 lb</i>	@ <i>2.92</i>	<i>317.24</i>

EQUIPMENT

PUMP TRUCK CEMENTER *Alan Ryan*
 # *495-281* HELPER *Kevin Ryan*
 BULK TRUCK
 # *890* DRIVER *Wayne McElshy*
 BULK TRUCK
 # *818* DRIVER *Coing Brown*

TOTAL *17,993.09*
 DISCOUNT *4.8%* *8636.68*

REMARKS:

Run Co. Coada City 10x 25 SK ASC max 18.5 SK ASC
Wash Truck Displace w/ 179 BBL Run Prod
79 BBL w/ 1300 P 57 CFT. Leak Plug @ 2400
Oper Tool @ 800 P 57 CFT. 4 hrs. max 30 SK Run Prod
In H. max 300 P 57 Down 5 1/2, max 30 SK Run Prod
5 1/2 Wash Truck Displace Plug w/ 79 BBL Run
w/ 1300 P 57 CFT. Leak Plug @ 2400
Tool Closeal
Cement Bid Credit all
306L Top 1/2
 CHARGE TO: *Beredco Inc*

SERVICE

HANDLING <i>783</i>	@ <i>2.48</i>	<i>1941.84</i>
MILEAGE		<i>4540.25</i>
DEPTH OF JOB		<i>5200</i>
PUMP TRUCK CHARGE		<i>3099.25</i>
EXTRA FOOTAGE	@	
HV MILEAGE <i>50</i>	@ <i>7.20</i>	<i>385.00</i>
LV MILEAGE	@	
<i>Tap Stage</i>	@	<i>2406.25</i>

TOTAL *12,373.59*
 DISCOUNT *4.8%* *5938.84*

STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<i>OV</i>	@	<i>5335.00</i>
<i>Foot Shoe</i>	@	<i>545.00</i>
<i>Basaltes</i>	@ <i>395.00</i>	<i>1185.00</i>
<i>Cent reliner</i>	@ <i>57.00</i>	<i>912.00</i>
<i>Latex Seal</i>	@ <i>300.00</i>	<i>660.00</i>

TOTAL *8637.00*
 DISCOUNT *4.8%* *4145.76*

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 *Greg M. Ryan*
 SIGNATURE _____

SALES TAX (If Any) _____
 TOTAL CHARGES *39000.68*
 DISCOUNT *18,721.38 (48%)* IF PAID IN 30 DAYS
 NET TOTAL *20,281.30* IF PAID IN 30 DAYS

Bid

