

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

CONFIDENTIAL

Form ACO-1
June 2009
**Form Must Be Typed
Form must be Signed
All blanks must be Filled**

OPERATOR: License # 34489
Name: Husky Ventures, Inc.
Address 1: 204 N. Robinson Ave., Suite 1800
Address 2: _____
City: Oklahoma City State: OK Zip: 73102 + _____
Contact Person: Chuck Long
Phone: (405) 600-9393 **RECEIVED**
CONTRACTOR: License # 5929
Name: Duke Drilling Co., Inc. **JAN 16 2013**
Wellsite Geologist: Bud Walker **KCC WICHITA**
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 (Cores, Expl., etc.): Core & Plug Back

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 #: _____
11/25/2011 11/29/2011 6/3/12
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 13-21349-01-00
Spot Description: _____
SW SE SW SE Sec. 25 Twp. 17 S. R. 4 East West
200 Feet from North / South Line of Section
3,315 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: McPherson
Lease Name: Hoffman Well #: 1-25H
Field Name: Lindsborg
Producing Formation: Maquoketa
Elevation: Ground: 1354.29 Kelly Bushing: 1366.29
Total Depth: 7883' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 505 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: 4500 ppm Fluid volume: _____ bbls
Dewatering method used: Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. **ALL CEMENTING TICKETS MUST BE ATTACHED.** Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: [Signature]
Title: President Date: 1/10/13

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: DG Date: 1/29/13

Operator Name: Husky Ventures, Inc. Lease Name: Hoffman Well #: 1-25H
 Sec. 25 Twp. 17 S. R. 4 East West County: McPherson

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 checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Array Induction, Density Nuetron, Gamma Ray	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Mississippi</td> <td>2905'</td> <td>(-1539)</td> </tr> <tr> <td>Sylvan</td> <td>3290'</td> <td>(-1843)</td> </tr> <tr> <td>Maquoketa</td> <td>3386'</td> <td>(-2020)</td> </tr> </table>	Name	Top	Datum	Mississippi	2905'	(-1539)	Sylvan	3290'	(-1843)	Maquoketa	3386'	(-2020)
Name	Top	Datum											
Mississippi	2905'	(-1539)											
Sylvan	3290'	(-1843)											
Maquoketa	3386'	(-2020)											

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JAN 16 2013

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
Intermediate	8 3/4"	7"	26	3770'	Class A	200	2% Calcium/2% Gel
						1/4	Flo Seal
Production	6 1/8"	4 1/2"	11.6	7883'	Class A	350	

KCC WICHITA

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				

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
2	6580' - 6830'	700,000 Gal Water, 2,000 Gal 15% Acid, 176,000 lbs 40/70 Sand	
2	6849' - 7043'	700,000 Gal Water, 2,000 Gal 15% Acid, 176,000 lbs 40/70 Sand	
2	7077' - 7517'	700,000 Gal Water, 2,000 Gal 15% Acid, 176,000 lbs 40/70 sand	
2	7536' - 7798'	700,000 Gal Water, 2,000 Gal 15% Acid, 176,000 lbs 40/70 Sand	

TUBING RECORD: Size: <u>2 3/8</u> Set At: <u>3601'</u> Packer At: <u>N/A</u>		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR: 6/3/2012		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>1</u>	Gas Mcf <u>0</u>	Water Bbls. <u>1032</u> Gas-Oil Ratio <u>0:1</u> Gravity <u>35</u>

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 checked="" 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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ALLIED

CEMENTING CO., LLC
Cementing & Acidizing Services

100-705 461

CEMENTING LOG

STAGE NO.

Date 12-9-11 District Great Bend, KS Ticket No. 42781
 Company Frank Ventures Rig Duke #10
 Lease Hoffman Well No. 1-25
 County McPherson State KS
 Location Amadoga, KS / west Field _____
2 South 1/4 West north into

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 7" Type New Weight 26.14 Collar _____

Casing Depths: Top _____ Bottom 3775

Drill Pipe: Size 4 1/2" Weight 16.6 Collars K1101P
 Open Hole: Size 8 1/4" T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. 10389 Lin. ft./Bbl. 26.14
 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. _____

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

LEAD: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

TAIL: Pump Time _____ hrs. Type Class A
100cc 1% gel 1/4 flt Excess _____
 Amt. 200 Skys Yield 1.39 ft³/sk Density 15.2 PPG

WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls

Pump Trucks Used 387 Row
 Bulk Equip. 341 Glen - 1300

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Float Equip: Manufacturer JAN 16 2013
 Shoe: Type _____ Depth _____
 Float: Type KGC WICHITA Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type Freshwater Amt. 100 2Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE Jerry

CEMENTER Greg R

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						On location - Rig up hold safety meeting
						Run Trench casing
						Circulate casing w/ Rig mud
						Hook up run 5 bbl freshwater
						Start cement
						Mix 200 sks Class A 1% gel
						1/4 flt
						Shut down - release plug
						Displace with 144.58 bbls
						Freshwater
						Plug down @ 9:45 AM
						Rig down
						Lift Pressure 1200 psi
						Displace 144 1/2 bbls

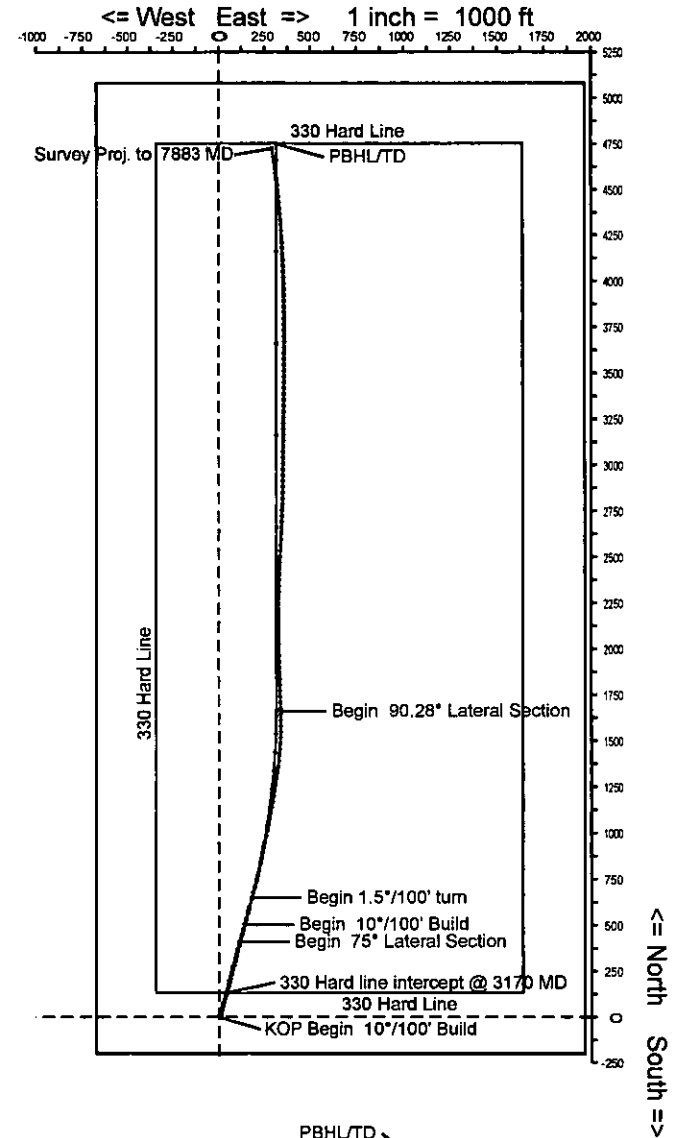
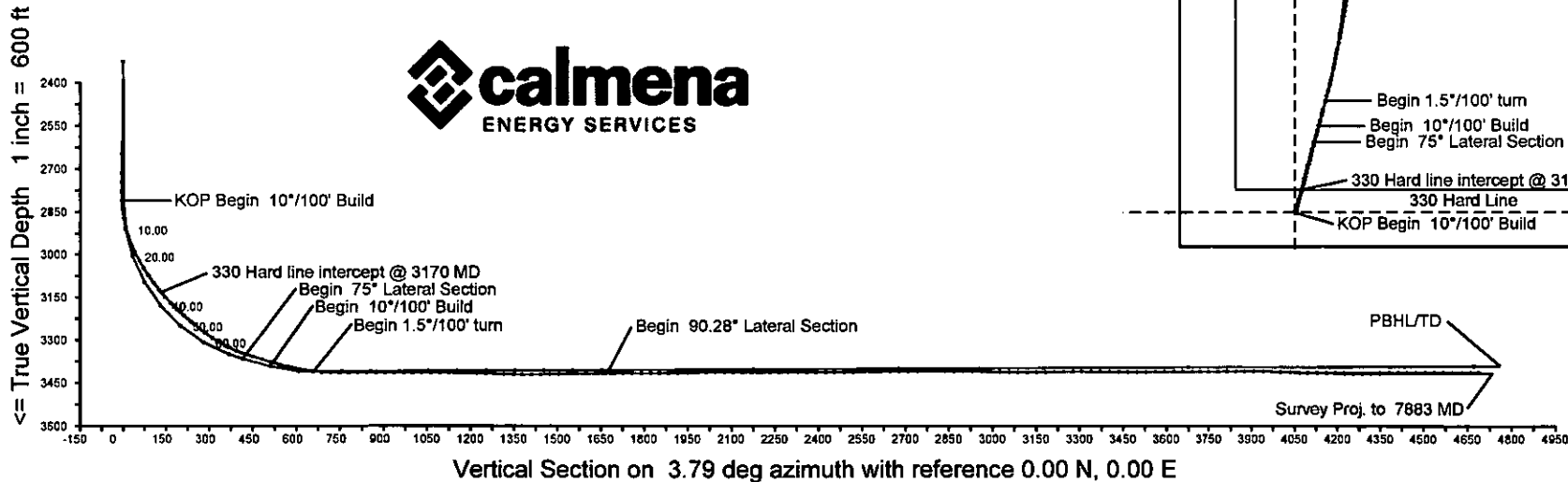
Husky Ventures

Hoffman #1-25

McPherson County, Kansas

WELL PROFILE DATA rev4							
MD	Inc.	Azi.	TVD	N-S	E-W	DLS	Comment 11-12-2011
2812	0.00	15.37	2812	0	0	0.00	KOP Begin 10°/100' Build
3562	75.00	15.37	3365	409	113	10.00	Begin 75° Lateral Section
3662	75.00	15.37	3391	503	138	0.00	Begin 10°/100' Build
3814	90.28	15.37	3410	648	178	10.00	Begin 1.5°/100' turn
4839	90.28	0.00	3405	1660	315	1.50	Begin 90.28° Lateral Section
7928	90.28	0.00	3390	4750	315	0.00	PBHL/TD

WELL PROFILE DATA svys							
MD	Inc.	Azi.	TVD	N-S	E-W	DLS	Comment 12-20-2011
3170	40.93	16.50	3133	130	40	8.92	330 Hard line intercept @ 3170 MD
7883	89.30	352.00	3415	4724	291	0.00	Survey Proj. to 7883 MD



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JAN 16 2013

KCC WICHITA

ALLIED CEMENTING CO., LLC. 036524

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Liberal KS

DATE <u>12-73-11</u>	SEC. <u>25</u>	TWP. <u>17S</u>	RANGE <u>4W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Hoffman</u>	WELL# <u>1-25</u>	LOCATION <u>Var. Lindsburg KS</u>	COUNTY <u>McPherson</u>	STATE <u>KS</u>			
OLD OR NEW (Circle one)							

CONTRACTOR Duke
 TYPE OF JOB 4 1/2 Lines
 HOLE SIZE 6 1/8 T.D. 7890
 CASING SIZE 4 1/2 DEPTH
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH 3651.73
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 3.111
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT 98.704

EQUIPMENT
 PUMP TRUCK CEMENTER Kenny
 # 372 HELPER Lenny
 BULK TRUCK
 # 470-467 DRIVER Jose
 BULK TRUCK
 # DRIVER

REMARKS:

CHARGE TO: Huskey Ventures
 STREET
 CITY STATE ZIP

To Allied Cementing Co., 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 ALBERT
 SIGNATURE

OWNER
 CEMENT
 AMOUNT ORDERED 350⁰ K (Line A) 1/2 C-18
25⁰ SA 45, 1/2 C-20 30PS Kessel
50⁰ K 60/40/4
 COMMON 380 @ 16.25 6175.00
 POZMIX 20 @ 8.50 170.00
 GEL 2 @ 21.25 42.50
 CHLORIDE @
 ASC @
 FL-160 324 @ 17.20 5658.80
 SA-45 82 @ 3.15 258.30
 CR-20 33 @ 4.10 135.30
 G.L.S. 1050 @ .84 882.00
 P.D.F.F. 3 @ 8.40 25.20
 Sugar 200 @ 1.27 254.00
 HANDLING 432 @ 2.25 972.00
 MILEAGE 3088.80
 TOTAL 7715.90

SERVICE

DEPTH OF JOB 7890 ft
 PUMP TRUCK CHARGE 3610.00
 EXTRA FOOTAGE @
 MILEAGE 65 @ 7.00 455.00
 MANIFOLD @
 Waiting Mileage 65 @ 4.00 260.00
 Waiting time 10 @ 30.00 300.00

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 TOTAL 7325.00

KCC WICHITA TUG & FLOAT EQUIPMENT

Turbulzers 3 @ 77.00 231.00
 Stop Collars 3 @ 42.00 126.00
 @
 @
 @
 TOTAL 357.00

SALES TAX (if Any)
 TOTAL CHARGES \$ 25347.90
 DISCOUNT \$ 20318.32 IF PAID IN 30 DAYS

ALLIED CEMENTING CO., LLC. 042381

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Great Bend, KS
12-9-11

DATE <u>12-8-11</u>	SEC. <u>15</u>	TWP. <u>17S</u>	RANGE <u>1W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>HORSMAN</u>	WELL # <u>1-25</u>	LOCATION <u>Lindsborg, KS 1 west,</u>			COUNTY	STATE	
OLD OR <u>NEW</u> (Circle one)			<u>2 south, 1/4 west, north into</u>				

CONTRACTOR <u>Duke # 20</u>	OWNER <u>Hasky Ventures</u>
TYPE OF JOB <u>Intermediate</u>	
HOLE SIZE <u>8 3/4" T.D. 3770</u>	CEMENT
CASING SIZE <u>7" 26" DEPTH 3775</u>	AMOUNT ORDERED <u>700 yds 2% cc</u>
TUBING SIZE	<u>2% gel 1/4 1/10 seal</u>
DRILL PIPE	
TOOL	
PRES. MAX	COMMON @
MEAS. LINE	POZMIX @
CEMENT LEFT IN CSG.	GEL @
PERFS.	CHLORIDE @
DISPLACEMENT	ASC @

EQUIPMENT

PUMP TRUCK # <u>381</u>	CEMENTER <u>Greg R</u>
	HELPER <u>Jon</u>
BULK TRUCK # <u>341</u>	DRIVER <u>Jim H / Jacob R</u>
BULK TRUCK #	DRIVER

REMARKS:
Rise on bottom, Circulate
ceasing w/ Rig mud.
Hook up mix 200 yds Class A
2% cc 2% gel 1/4 1/10 seal
Shut down - release plug
Displace with 1/4 1/10 150 lbs
fresh water - float held plug
down @ 9:45 am Rig down
2177 psi / 200 Displace 144 1/2 bbl.

CHARGE TO: Hasky Ventures

STREET _____

CITY _____ STATE _____ ZIP _____

HANDLING	@
MILEAGE	@
TOTAL	_____

SERVICE

DEPTH OF JOB	_____
PUMP TRUCK CHARGE	_____
EXTRA FOOTAGE	@ _____
MILEAGE	@ _____
MANIFOLD	@ _____
TOTAL	_____

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 JAN 16 2013
 KCC WICHITA
PLUG & FLOAT EQUIPMENT

<u>Float Shoe</u>	@
<u>Rubber Plug</u>	@
	@
	@
TOTAL	_____

To Allied Cementing Co., 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 Tim Arell

SIGNATURE Tim Arell
Thank You!

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

Calmena Energy Services

Company: Husky Ventures
 Well: Hoffman #1-25
 Location: McPherson County, Kansas

Date:20-Dec-2011
 Surveys
 Page 3
 Job#: 6182

MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD (feet)	N-S (feet)	E-W (feet)	DLS (deg/100')	VS @ 3.79° Az (feet)	Comments
4355.00	88.40	9.30	3414.69	1202.57	296.58	3.80	1219.54	
4386.00	88.00	8.80	3415.67	1233.17	301.45	2.06	1250.40	
4418.00	87.90	8.50	3416.81	1264.79	306.26	0.99	1282.26	
4450.00	87.90	7.80	3417.98	1296.44	310.80	2.19	1314.15	
4482.00	88.70	7.50	3418.93	1328.14	315.05	2.67	1346.06	
4513.00	90.10	7.10	3419.26	1358.89	318.99	4.70	1377.00	
4545.00	90.00	6.30	3419.23	1390.67	322.73	2.52	1408.96	
4577.00	91.00	5.50	3418.95	1422.50	326.02	4.00	1440.94	
4608.00	92.00	4.30	3418.14	1453.37	328.66	5.04	1471.92	
4640.00	91.60	2.80	3417.13	1485.29	330.64	4.85	1503.90	
4671.00	91.30	2.00	3416.35	1516.26	331.94	2.76	1534.88	
4703.00	90.70	1.00	3415.79	1548.24	332.78	3.64	1566.85	
4734.00	89.50	0.00	3415.74	1579.24	333.05	5.04	1597.80	
4766.00	90.60	359.10	3415.71	1611.24	332.80	4.44	1629.71	
4798.00	90.60	359.20	3415.37	1643.23	332.32	0.31	1661.60	
4830.00	90.30	358.90	3415.12	1675.23	331.79	1.33	1693.49	
4862.00	90.10	358.60	3415.01	1707.22	331.09	1.13	1725.37	
4894.00	90.00	358.50	3414.98	1739.21	330.28	0.44	1757.24	
4926.00	90.40	358.20	3414.87	1771.19	329.36	1.56	1789.09	
4958.00	89.80	358.40	3414.82	1803.18	328.41	1.98	1820.94	
4989.00	90.00	358.30	3414.87	1834.17	327.52	0.72	1851.80	
5021.00	90.30	358.30	3414.79	1866.15	326.57	0.94	1883.66	
5053.00	90.70	358.10	3414.51	1898.14	325.57	1.40	1915.50	
5085.00	92.20	358.60	3413.70	1930.11	324.65	4.94	1947.35	
5116.00	92.50	358.50	3412.43	1961.08	323.86	1.02	1978.19	
5148.00	92.30	359.00	3411.09	1993.04	323.16	1.68	2010.04	
5180.00	90.40	358.80	3410.33	2025.02	322.55	5.97	2041.92	
5212.00	89.00	359.30	3410.50	2057.02	322.02	4.65	2073.80	
5243.00	89.00	359.60	3411.04	2088.01	321.72	0.97	2104.71	
5275.00	89.40	359.60	3411.49	2120.01	321.50	1.25	2136.62	

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 KCC WICHITA

Calmena Energy Services

Company: Husky Ventures
 Well: Hoffman #1-25
 Location: McPherson County, Kansas

Date: 20-Dec-2011
 Surveys
 Page 4
 Job#: 6182

MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD (feet)	N-S (feet)	E-W (feet)	DLS (deg/100')	VS @ 3.79° Az (feet)	Comments
5306.00	89.40	359.80	3411.81	2151.01	321.34	0.65	2167.54	
5338.00	90.20	0.00	3411.92	2183.00	321.28	2.58	2199.47	
5370.00	90.90	0.80	3411.62	2215.00	321.50	3.32	2231.41	
5401.00	91.50	1.40	3410.97	2245.99	322.10	2.74	2262.37	
5433.00	91.20	1.00	3410.21	2277.97	322.77	1.56	2294.33	
5465.00	88.80	0.60	3410.21	2309.97	323.22	7.60	2326.28	
5497.00	88.40	0.80	3411.00	2341.96	323.61	1.40	2358.22	
5529.00	89.40	1.10	3411.61	2373.94	324.14	3.26	2390.18	
5561.00	90.60	2.10	3411.61	2405.93	325.03	4.88	2422.15	
5592.00	89.90	2.60	3411.47	2436.90	326.30	2.77	2453.14	
5624.00	90.10	3.50	3411.47	2468.86	328.00	2.88	2485.14	
5656.00	91.00	3.00	3411.17	2500.81	329.82	3.22	2517.14	
5688.00	91.40	3.20	3410.50	2532.75	331.55	1.40	2549.13	
5719.00	91.60	2.80	3409.69	2563.70	333.17	1.44	2580.11	
5751.00	90.90	2.90	3408.99	2595.65	334.76	2.21	2612.10	
5783.00	91.60	3.00	3408.29	2627.60	336.41	2.21	2644.09	
5815.00	91.20	3.20	3407.51	2659.54	338.14	1.40	2676.08	
5846.00	90.50	3.30	3407.05	2690.49	339.89	2.28	2707.07	
5878.00	90.70	2.60	3406.71	2722.45	341.54	2.27	2739.07	
5909.00	90.60	1.80	3406.36	2753.42	342.73	2.60	2770.05	
5941.00	89.80	1.90	3406.25	2785.40	343.76	2.52	2802.04	
5973.00	89.60	1.60	3406.42	2817.39	344.74	1.13	2834.01	
6004.00	90.00	1.30	3406.53	2848.38	345.53	1.61	2864.99	
6036.00	89.30	0.50	3406.72	2880.37	346.03	3.32	2896.95	
6068.00	89.20	1.30	3407.14	2912.37	346.53	2.52	2928.90	
6099.00	88.60	0.40	3407.73	2943.36	346.99	3.49	2959.86	
6130.00	88.20	0.80	3408.60	2974.34	347.32	1.82	2990.80	
6162.00	88.30	0.50	3409.58	3006.33	347.68	0.99	3022.73	
6194.00	88.90	0.80	3410.36	3038.31	348.04	2.10	3054.68	
6225.00	89.10	1.30	3410.90	3069.30	348.61	1.74	3085.64	

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Calmena Energy Services

Company: Husky Ventures
 Well: Hoffman #1-25
 Location: McPherson County, Kansas

Date:20-Dec-2011
 Surveys
 Page 2
 Job# : 6182

MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD (feet)	N/-S (feet)	E/-W (feet)	DLS (deg/100')	VS @ 3.79° Az (feet)	Comments
3412.00	56.80	14.70	3292.23	305.56	88.35	8.54	310.73	
3444.00	60.10	14.30	3308.97	331.95	95.18	10.37	337.52	
3475.00	63.10	14.40	3323.72	358.37	101.93	9.68	364.32	
3507.00	66.40	14.10	3337.37	386.42	109.06	10.35	392.78	
3538.00	70.70	13.70	3348.70	414.42	115.99	13.92	421.18	
3570.00	72.80	14.00	3358.72	443.92	123.26	6.62	451.10	
3601.00	73.00	14.40	3367.83	472.65	130.53	1.39	480.24	
3633.00	73.30	15.00	3377.11	502.27	138.30	2.02	510.31	
3665.00	74.40	15.20	3386.01	531.95	146.31	3.49	540.45	
3697.00	77.60	15.00	3393.75	561.92	154.39	10.02	570.90	
3709.00	78.30	14.90	3396.26	573.26	157.42	5.89	582.41	
3719.00	78.80	14.90	3398.24	582.73	159.94	5.00	592.03	
3784.00	83.30	14.20	3408.35	644.86	176.07	7.00	655.09	
3816.00	86.20	14.80	3411.28	675.71	184.04	9.25	686.40	
3847.00	88.20	15.20	3412.79	705.62	192.06	6.58	716.77	
3879.00	89.80	15.00	3413.35	736.51	200.39	5.04	748.14	
3911.00	91.10	13.50	3413.10	767.52	208.27	6.20	779.61	
3942.00	90.70	12.90	3412.61	797.70	215.35	2.33	810.19	
3974.00	89.40	11.70	3412.59	828.96	222.16	5.53	841.83	
4006.00	89.60	11.60	3412.87	860.30	228.63	0.70	873.53	
4038.00	90.00	12.00	3412.98	891.62	235.17	1.77	905.22	
4069.00	89.30	11.90	3413.17	921.95	241.59	2.28	935.90	
4101.00	90.20	11.70	3413.31	953.27	248.13	2.88	967.59	
4132.00	90.40	11.70	3413.14	983.63	254.42	0.65	998.29	
4164.00	90.60	11.30	3412.86	1014.99	260.80	1.40	1030.00	
4196.00	90.80	10.80	3412.47	1046.39	266.93	1.68	1061.75	
4228.00	89.40	11.40	3412.42	1077.79	273.09	4.76	1093.48	
4260.00	89.20	11.20	3412.81	1109.17	279.36	0.88	1125.21	
4291.00	89.20	10.60	3413.24	1139.61	285.22	1.94	1155.97	
4323.00	88.60	10.50	3413.86	1171.06	291.08	1.90	1187.74	

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Calmena Energy Services

Company: Husky Ventures
 Well: Hoffman #1-25
 Location: McPherson County, Kansas

Date:20-Dec-2011
 Surveys
 Page 5
 Job#: 6182

MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD (feet)	N-S (feet)	E-W (feet)	DLS (deg/100')	VS @ 3.79° Az (feet)	Comments
6257.00	89.60	1.20	3411.26	3101.29	349.31	1.59	3117.60	
6288.00	90.40	0.40	3411.26	3132.29	349.74	3.65	3148.56	
6319.00	91.10	0.10	3410.86	3163.29	349.87	2.46	3179.50	
6350.00	91.20	359.80	3410.24	3194.28	349.85	1.02	3210.42	
6382.00	91.30	0.60	3409.54	3226.27	349.96	2.52	3242.35	
6414.00	90.80	1.00	3408.95	3258.27	350.41	2.00	3274.30	
6445.00	90.20	1.00	3408.68	3289.26	350.95	1.94	3305.26	
6477.00	89.60	0.60	3408.74	3321.26	351.39	2.25	3337.22	
6509.00	89.60	0.50	3408.96	3353.25	351.70	0.31	3369.17	
6541.00	89.60	1.00	3409.18	3385.25	352.12	1.56	3401.12	
6573.00	89.20	0.90	3409.52	3417.24	352.65	1.29	3433.08	
6604.00	89.40	0.70	3409.90	3448.24	353.08	0.91	3464.04	
6636.00	90.60	1.00	3409.90	3480.23	353.56	3.87	3495.99	
6668.00	90.70	0.60	3409.53	3512.23	354.00	1.29	3527.95	
6700.00	90.60	359.80	3409.17	3544.23	354.12	2.52	3559.88	
6731.00	90.50	0.10	3408.87	3575.22	354.09	1.02	3590.81	
6763.00	90.80	0.00	3408.51	3607.22	354.12	0.99	3622.74	
6794.00	89.80	0.80	3408.35	3638.22	354.33	4.13	3653.69	
6826.00	88.70	359.80	3408.77	3670.22	354.50	4.65	3685.62	
6856.00	89.40	359.80	3409.26	3700.21	354.40	2.33	3715.55	
6888.00	90.90	359.90	3409.18	3732.21	354.31	4.70	3747.47	
6920.00	91.30	359.60	3408.57	3764.20	354.17	1.56	3779.38	
6951.00	90.90	359.70	3407.97	3795.20	353.98	1.33	3810.30	
6983.00	90.40	359.80	3407.61	3827.20	353.84	1.59	3842.22	
7015.00	90.50	359.50	3407.36	3859.19	353.65	0.99	3874.13	
7047.00	89.70	358.70	3407.30	3891.19	353.15	3.54	3906.02	
7079.00	88.90	358.70	3407.69	3923.18	352.42	2.50	3937.89	
7110.00	87.90	358.40	3408.56	3954.16	351.64	3.37	3968.75	
7142.00	87.40	358.30	3409.87	3986.12	350.72	1.59	4000.58	
7174.00	87.60	358.30	3411.27	4018.07	349.77	0.63	4032.40	

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Calmena Energy Services

Company: Husky Ventures
 Well: Hoffman #1-25
 Location: McPherson County, Kansas

Date: 20-Dec-2011
 Surveys
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 Job#: 6182

MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD (feet)	N-S (feet)	E-W (feet)	DLS (deg/100')	VS @ 3.79° Az (feet)	Comments
7206.00	88.10	358.30	3412.47	4050.04	348.82	1.56	4064.23	
7237.00	89.10	357.10	3413.22	4081.00	347.57	5.04	4095.05	
7269.00	89.20	356.50	3413.70	4112.95	345.79	1.90	4126.81	
7301.00	89.10	357.00	3414.17	4144.89	343.97	1.59	4158.56	
7333.00	88.80	357.30	3414.76	4176.85	342.38	1.33	4190.34	
7365.00	88.70	357.80	3415.46	4208.81	341.02	1.59	4222.15	
7396.00	89.40	356.00	3415.97	4239.76	339.34	6.23	4252.92	
7428.00	90.50	355.60	3416.00	4271.67	337.00	3.66	4284.60	
7460.00	90.50	355.60	3415.72	4303.58	334.54	0.00	4316.28	
7491.00	91.00	356.10	3415.31	4334.49	332.30	2.28	4346.98	
7523.00	91.00	355.80	3414.76	4366.41	330.04	0.94	4378.67	
7555.00	90.40	355.50	3414.36	4398.31	327.61	2.10	4410.35	
7586.00	90.00	355.40	3414.26	4429.21	325.15	1.33	4441.02	
7618.00	89.90	354.60	3414.28	4461.09	322.36	2.52	4472.64	
7650.00	90.50	354.50	3414.17	4492.95	319.32	1.90	4504.23	
7681.00	89.80	353.80	3414.09	4523.79	316.16	3.19	4534.79	
7713.00	89.80	353.70	3414.20	4555.60	312.68	0.31	4566.30	
7744.00	90.30	353.70	3414.18	4586.41	309.28	1.61	4596.82	
7775.00	90.40	353.40	3413.99	4617.21	305.80	1.02	4627.33	
7807.00	89.40	352.40	3414.04	4648.96	301.84	4.42	4658.75	
7834.00	89.30	352.00	3414.35	4675.71	298.18	1.53	4685.20	
7883.00	89.30	352.00	3414.95	4724.23	291.36	0.00	4733.16	Survey Proj. to 7883 MD

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Daily Activity Report

Calmena Energy Services
v4.2.2674

Day 17 - 2011/12/19

FILE #: 0011133

WELL NAME: Hoffman #1-25

SERVICE CO.: Calmena Energy Services

JOB TYPE: Horizontal

COMPANY: Husky Ventures

SURVEY TYPE: Positive Pulse MWD

RIG & NO: Duke #20

SURFACE LOCATION:

FIELD / LOCATION: / Kansas / McPherson

DIR Supervisor: Greg Becker, Doug Randall

MWD Supervisor: Anthony Donaruma, Tyler Garrett

GROUND ELEV: 0 ft

START DEPTH: 7318.0 ft

PROGRESS: 444.0 ft

DAILY COST: USD\$11350.00

KB ELEV: 0 ft

END DEPTH: 7762.0 ft

AVG. ROP.: 30.6 ft/hr

PREVIOUS COST: USD\$200800.00

TOTAL COST: USD\$212150.00

WORK STATUS: (All units are imperial.)

TIME	DAILY ACTIVITY	HRS	DPH	BHA	TIME	DAILY ACTIVITY	HRS	DPH	BHA
00:00-01:15	Rotating With Motor	1.25	7350	7	12:00-12:30	Circ & Accumulate Surveys	0.50	7509	7
01:15-01:45	Circ & Accumulate Surveys - @ 7301	0.50	7350	7	12:30-13:15	Rotating With Motor - 60 RPM	0.75	7540	7
01:45-02:15	Rotating With Motor	0.50	7372	7	13:15-13:30	Circ & Accumulate Surveys - @ 7491	0.25	7540	7
02:15-02:45	Work On MWD	0.50	7372	7	13:30-13:45	Rotating With Motor - 60 RPM	0.25	7545	7
02:45-03:00	Rotating With Motor	0.25	7382	7	13:45-14:30	Circ & Accumulate Surveys - RecycleX4,	0.75	7545	7
03:00-03:15	Circ & Accumulate Surveys - @ 7333	0.25	7382	7	14:30-15:00	Orienting With Motor - @ 160L-160R	0.50	7550	7
03:15-03:30	Rotating With Motor	0.25	7387	7	15:00-15:30	Rotating With Motor - 9-10K, 60 RPM	0.50	7572	7
03:30-04:15	Orienting With Motor - @ HS	0.75	7392	7	15:30-15:45	Circ & Accumulate Surveys - @ 7523	0.25	7572	7
04:15-04:30	Rotating With Motor	0.25	7402	7	15:45-16:30	Rotating With Motor	0.75	7604	7
04:30-04:45	Circ & Accumulate Surveys - Re Sync M.W.D.	0.25	7402	7	16:30-17:15	Circ & Accumulate Surveys - Conn, Svy @ 7555	0.75	7604	7
04:45-05:00	Rotating With Motor	0.25	7414	7	17:15-17:30	Rotating With Motor	0.25	7610	7
05:00-05:30	Circ & Accumulate Surveys - @ 7365	0.50	7414	7	17:30-18:45	Orienting With Motor - @ 180	1.25	7614	7
05:30-05:45	Rotating With Motor	0.25	7419	7	18:45-19:15	Rotating With Motor	0.50	7635	7
05:45-06:45	Orienting With Motor - @ HS - GeneratorDown	1.00	7424	7	19:15-19:30	Circ & Accumulate Surveys	0.25	7635	7
06:45-07:00	Rotating With Motor	0.25	7430	7	19:30-20:15	Rotating With Motor	0.75	7667	7
07:00-07:30	Circulating - See Comments - Work On Generator	0.50	7430	7	20:15-20:45	Circ & Accumulate Surveys - @ 7618	0.50	7667	7
07:30-08:00	Rotating With Motor	0.50	7445	7	20:45-21:30	Rotating With Motor	0.75	7699	7
08:00-09:15	Circ & Accumulate Surveys -	1.25	7445	7	21:30-22:00	Circ & Accumulate Surveys - @ 7650	0.50	7699	7
09:15-10:00	Circ & Accumulate Surveys - Conn & Survey @	0.75	7445	7	22:00-22:45	Rotating With Motor	0.75	7730	7
10:00-10:45	Rotating With Motor - 25 BBL Sweep	0.75	7477	7	22:45-23:00	Circ & Accumulate Surveys - @ 7681	0.25	7730	7
10:45-11:30	Circ & Accumulate Surveys - @ 7428	0.75	7477	7	23:00-23:45	Rotating With Motor	0.75	7762	7
11:30-12:00	Rotating With Motor - 20 BBL Sweep RPM60	0.50	7509	7	23:45-24:00	Circ & Accumulate Surveys - @ 7713	0.25	7762	7

TIME SUMMARY (hrs):

MOTOR DRILL: 14.50	ORIENTING HRS: 3.50	ROTARY DRILL: 0.00
TIME DRILL: 0.00	ROTATING HRS: 11.00	MOTOR HRS: 23.50
MOTOR REAM: 0.00	TRIP: 0.00	
CIRC: 9.00	ROTARY DRILL: 0.00	OTHER: 0.50
MOTOR HRS: 23.50	DRILL HRS: 14.50	TOTAL HRS: 24.00

DRILLING PARAMETERS:

ROTARY TORQUE:	STRING WEIGHT	81000 lbs
WOB SLIDING (HI): 45000 lbf	WOB ROTATE (HI):	14000 lbf
WOB SLIDING (LO): 30000 lbf	WOB ROTATE (LO):	9000 lbf
RPM (ROTARY): 55 rpm	DRAG UP:	110000 lbf
RPM (MOTOR): 125 rpm	DRAG DN:	30000 lbf

BHA / MOTOR / BIT INFORMATION:

BHA: 7	HOLE SIZE: 6.125 in	SECTION TYPE: Lateral BHA # 7	SURVEY TYPE: Positive Pulse MWD	
MANFCT.: PAN AM	STABILIZER: No	SERIAL#: 475-030	MODEL: F4	LOBE CFG.: 7/8
SETTING: 1.93 °	KICKPAD: 5.25	SIZE: 4.75	MTR HRS THIS DAY: 23.5	MTR HRS TO DATE: 76.25
MANFCT: Smith	BIT TYPE: PDC Bit	TYPE: MDSI	NOZZLES: 0.84 in ² TFA	
IADC BIT GRADE: ?/?/?/?/?/?/?/?/?/?				

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Calmena Energy Services

Company: Husky Ventures
 Well: Hoffman #1-25
 Location: McPherson County, Kansas

Date: 20-Dec-2011
 Surveys
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 Job#: 6182

MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD (feet)	N/-S (feet)	E/-W (feet)	DLS (deg/100')	VS @ 3.79° Az (feet)	Comments
Surface Location								675 FWL 200 FSL SE/4
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
505.00	0.00	0.00	505.00	0.00	0.00	0.00	0.00	
938.00	0.40	21.50	938.00	1.41	0.55	0.09	1.44	
1371.00	0.10	126.10	1370.99	2.59	1.41	0.10	2.68	
1846.00	0.50	140.20	1845.99	0.75	3.07	0.09	0.95	
2327.00	0.30	154.00	2326.97	-1.99	4.97	0.05	-1.66	
2647.00	0.80	185.70	2646.96	-4.97	5.12	0.18	-4.62	
2715.00	0.60	194.40	2714.95	-5.78	4.98	0.33	-5.44	
2747.00	0.60	189.60	2746.95	-6.11	4.91	0.16	-5.77	
2779.00	0.50	357.70	2778.95	-6.14	4.88	3.42	-5.80	
2810.00	2.80	4.40	2809.94	-5.25	4.93	7.43	-4.91	
2842.00	6.10	8.30	2841.84	-2.78	5.23	10.35	-2.43	
2873.00	9.80	8.60	2872.53	1.46	5.87	11.94	1.84	
2905.00	13.50	8.50	2903.87	7.84	6.83	11.56	8.28	
2937.00	17.70	9.10	2934.68	16.35	8.15	13.13	16.85	
2968.00	21.60	11.70	2963.87	26.59	10.05	12.89	27.20	
3000.00	25.70	14.80	2993.18	39.07	13.02	13.38	39.85	
3032.00	29.60	15.60	3021.52	53.40	16.92	12.24	54.40	
3063.00	32.80	16.10	3048.03	68.84	21.31	10.36	70.10	
3095.00	35.60	16.70	3074.50	86.10	26.39	8.81	87.65	
3127.00	37.70	17.20	3100.17	104.37	31.96	6.63	106.25	
3159.00	40.00	17.00	3125.09	123.55	37.86	7.20	125.78	
3170.00	40.93	16.50	3133.46	130.39	39.92	8.92	132.74	330 Hard line intercept
3191.00	42.70	15.60	3149.11	143.84	43.79	8.92	146.42	
3222.00	45.10	15.10	3171.44	164.57	49.47	7.82	167.48	
3254.00	46.70	15.20	3193.71	186.75	55.48	5.01	190.01	
3285.00	48.40	15.70	3214.64	208.79	61.58	5.61	212.41	
3317.00	50.20	15.80	3235.50	232.14	68.16	5.63	236.14	
3349.00	52.30	15.60	3255.53	256.17	74.91	6.58	260.56	
3381.00	54.20	15.30	3274.68	280.88	81.74	5.98	285.67	

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Daily Activity Report

Calmena Energy Services
v4.2.2674

Day 17 - 2011/12/19

PUMP PARAMETERS

PRESSURE ON BTM: 1450	PRESSURE OFF BTM: 1200	TOTAL FLOW RATE: 209.14 gal/min
PUMP 1: TYPE: PZ-9	EFF.: 95.0% SPM: 70.00	STROKE VOL.: 3.1450 gal/stk
PUMP 2: TYPE: PZ-9	EFF.: 95.0% SPM: 0.00	STROKE VOL.: 0.0000 gal/stk
PUMP 3: TYPE:	EFF.: 100.0% SPM: 0.00	STROKE VOL.: 0.0000 gal/stk
	LINER: 6.00 in	
	LINER: 0.00 in	
	LINER: 0.00 in	

MUD RECORD

MUD TYPE: Polymer	VISC: 0 sec/qt	WTR LOSS: 0 cc/30min	PV: 0 cP	YP: 0 lb/100 ft ²	pH: 0
DENSITY: 0 lb/gal	GEL 0/10: 0.00 lb/100 ft ²	SAND: 0	SOLIDS: 0	OIL: 0	TEMP: 0 °F
LIQUID BASE: Water		LIQUID RATE: 0 gal/min	GAS TYPE:		GAS RATE: 0 cu ft/min

COMMENTS:

Were currently drilling ahead in lateral section. New target 3416 TVD and hold per Chuck Long.

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CUSTOMER SIGNATURE: _____



Daily Activity Report

Calmena Energy Services
v4.2.2674

Day 18 - 2011/12/20

FILE #: 0011133
JOB TYPE: Horizontal
RIG & NO: Duke #20

WELL NAME: Hoffman #1-25
COMPANY: Husky Ventures
SURFACE LOCATION:

SERVICE CO.: Calmena Energy Services
SURVEY TYPE: Positive Pulse MWD
FIELD / LOCATION: / Kansas / McPherson

DIR Supervisor: Greg Becker, Doug Randall
MWD Supervisor: Anthony Donaruma, Tyler Garrett

GROUND ELEV: 0 ft START DEPTH: 7762.0 ft PROGRESS: 121.0 ft DAILY COST: USD\$16350.00
KB ELEV: 0 ft END DEPTH: 7883.0 ft AVG. ROP.: 44.0 ft/hr PREVIOUS COST: USD\$212150.00
TOTAL COST: USD\$228500.00

WORK STATUS: Operating (All units are imperial.)

TIME	DAILY ACTIVITY	HRS	DPH	BHA	TIME	DAILY ACTIVITY	HRS	DPH	BHA
00:00-00:15	Circ & Accumulate Surveys - @ 7713	0.25	7762	7	02:45-03:15	Rotating With Motor	0.50	7856	7
00:15-01:00	Rotating With Motor	0.75	7793	7	03:15-03:30	Circ & Accumulate Surveys - @ 7807	0.25	7856	7
01:00-01:30	Circ & Accumulate Surveys - @ 7744	0.50	7793	7	03:30-04:15	Rotating With Motor	0.75	7883	7
01:30-02:15	Rotating With Motor	0.75	7824	7	04:15-06:15	Circ & Condition Hole - Pump Sweep	2.00	7883	7
02:15-02:45	Circ & Accumulate Surveys - @ 7775	0.50	7824	7			0.00		

TIME SUMMARY (hrs):				DRILLING PARAMETERS:					
MOTOR DRILL:	2.75	ORIENTING HRS:	0.00	ROTARY DRILL:	0.00	ROTARY TORQUE:		STRING WEIGHT:	81000 lbs
TIME DRILL:	0.00	ROTATING HRS:	2.75	MOTOR HRS:	6.25	WOB SLIDING (HI):	55000 lbf	WOB ROTATE (HI):	14000 lbf
MOTOR REAM:	0.00			TRIP:	0.00	WOB SLIDING (LO):	25000 lbf	WOB ROTATE (LO):	10000 lbf
CIRC:	3.50	ROTARY DRILL:	0.00	OTHER:	0.00	RPM (ROTARY):	55 rpm	DRAG UP:	120000 lbf
MOTOR HRS:	6.25	DRILL HRS:	2.75	TOTAL HRS:	6.25	RPM (MOTOR):	125 rpm	DRAG DN:	35000 lbf

BHA / MOTOR / BIT INFORMATION:

BHA: 7 HOLE SIZE: 6.125 in SECTION TYPE: Lateral BHA # 7 SURVEY TYPE: Positive Pulse MWD
MANFCT.: PAN AM STABILIZER: No SERIAL#: 475-030 MODEL: F4 LOBE CFG.: 7/8
SETTING: 1.93 ° KICKPAD: 5.25 SIZE: 4.75 MTR HRS THIS DAY: 6.25 MTR HRS TO DATE: 82.5
MANFCT: Smith BIT TYPE: PDC Bit TYPE: MDSI NOZZLES: 0.84 in² TFA
IADC BIT GRADE: ?/?/?/?/?/?/?/?/?/?

PUMP PARAMETERS

PRESSURE ON BTM: 1850 PRESSURE OFF BTM: 1600 TOTAL FLOW RATE: 239.02 gal/min
PUMP 1: TYPE: PZ-9 EFF.: 95.0% SPM: 80.00 LINER: 6.00 in STROKE VOL.: 3.1450 gal/stk
PUMP 2: TYPE: PZ-9 EFF.: 95.0% SPM: 0.00 LINER: 0.00 in STROKE VOL.: 0.0000 gal/stk
PUMP 3: TYPE: EFF.: 100.0% SPM: 0.00 LINER: 0.00 in STROKE VOL.: 0.0000 gal/stk

MUD RECORD

MUD TYPE: Polymer VISC: 0 sec/qt WTR LOSS: 0 cc/30min PV: 0 cP YP: 0 lb/100 ft² pH: 0
DENSITY: 0 lb/gal GEL 0/10: 0.00 lb/100 ft² SAND: 0 SOLIDS: 0 OIL: 0 TEMP: 0 °F
LIQUID BASE: Water LIQUID RATE: 0 gal/min GAS TYPE: GAS RATE: 0 cu ft/min

COMMENTS:
We drilled to 7883 M.D. and called T.D. We circulated for 2 hour and pumped sweep. Were currently tripping out to lay down Dir Tools.

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CUSTOMER SIGNATURE:



Slide Sheet Report

Calmena Energy Services
v4.2.2674

BHA 7 - 2011/12/18 TO 2011/12/20

FILE #: 0011133
JOB TYPE: Horizontal
RIG & NO: Duke #20

WELL NAME: Hoffman #1-25
COMPANY: Husky Ventures
SURFACE LOCATION:

SERVICE CO.: Calmena Energy Services
SURVEY TYPE: Positive Pulse MWD
FIELD / LOCATION: / Kansas / McPherson

DIR Supervisor: Greg Becker, Doug Randall
MWD Supervisor: Anthony Donaruma, Tyler Garrett

BHA NO: 7 DATES RUN: 2011/12/18 TO 2011/12/20 SECTION: Lateral B TOOLFACE OFFSET: SURVEY OFFSET: 49 ft
MOTOR SETTING: 1.93 ° KICKPAD: 5.25 STABILIZER: No MODEL: F4 SERIAL NO: 475-030 BHA SURVEY TYPE: Positive Pulse MWD

(Distances are shown in feet.)

BIT DEPTH DRILLED	SURVEY					ORIENTING			ROTATING			SLIDE SEEN	BUR /ft	BUR /100ft	COMMENTS
	DEPTH	INC	AZM	TF	FROM	TO	FEET	FROM	TO	FEET					
7301.00	17.00	7252.00	89.10	357.10	180	7301.00	7309.00	8.00	7309.00	7318.00	9.00	0.00	0.00	0.00	
7318.00	32.00	7269.00	89.20	356.50		7318.00	7318.00	0.00	7318.00	7350.00	32.00	0.00	0.00	0.59	
7350.00	32.00	7301.00	89.10	357.00		7350.00	7350.00	0.00	7350.00	7382.00	32.00	0.00	0.00	-0.31	
7382.00	5.00	7333.00	88.80	357.30		7382.00	7382.00	0.00	7382.00	7387.00	5.00	8.00	-0.04	-0.94	
7387.00	27.00	7338.00	88.80	357.30	HS	7387.00	7392.00	5.00	7392.00	7414.00	22.00	0.00	0.00	0.00	
7414.00	5.00	7365.00	88.70	357.80		7414.00	7414.00	0.00	7414.00	7419.00	5.00	0.00	0.00	-0.37	
7419.00	26.00	7370.00	88.70	357.80	HS	7419.00	7425.00	6.00	7425.00	7445.00	20.00	0.00	0.00	0.00	
7445.00	32.00	7396.00	89.70	356.00		7445.00	7445.00	0.00	7445.00	7477.00	32.00	5.00	0.20	3.85	
7477.00	32.00	7428.00	90.50	355.60		7477.00	7477.00	0.00	7477.00	7509.00	32.00	6.00	0.13	2.50	
7509.00	31.00	7460.00	90.50	355.60		7509.00	7509.00	0.00	7509.00	7540.00	31.00	0.00	0.00	0.00	
7540.00	5.00	7491.00	91.00	356.10		7540.00	7540.00	0.00	7540.00	7545.00	5.00	0.00	0.00	1.61	
7545.00	27.00	7496.00	91.00	356.10	LS	7545.00	7550.00	5.00	7550.00	7572.00	22.00	0.00	0.00	0.00	
7572.00	32.00	7523.00	91.00	355.80		7572.00	7572.00	0.00	7572.00	7604.00	32.00	0.00	0.00	0.00	
7604.00	6.00	7555.00	90.40	355.50		7604.00	7604.00	0.00	7604.00	7610.00	6.00	5.00	-0.12	-1.87	
7610.00	25.00	7561.00	90.40	355.50		7610.00	7610.00	0.00	7610.00	7635.00	25.00	0.00	0.00	0.00	
7635.00	32.00	7586.00	90.00	355.40		7635.00	7635.00	0.00	7635.00	7667.00	32.00	0.00	0.00	-1.60	
7667.00	32.00	7618.00	89.90	354.60		7667.00	7667.00	0.00	7667.00	7699.00	32.00	0.00	0.00	-0.31	
7699.00	31.00	7650.00	90.50	354.50		7699.00	7699.00	0.00	7699.00	7730.00	31.00	0.00	0.00	1.87	
7730.00	32.00	7681.00	89.80	353.80		7730.00	7730.00	0.00	7730.00	7762.00	32.00	0.00	0.00	-2.26	
7762.00	31.00	7713.00	89.80	353.70		7762.00	7762.00	0.00	7762.00	7793.00	31.00	0.00	0.00	0.00	
7793.00	31.00	7744.00	90.30	353.70		7793.00	7793.00	0.00	7793.00	7824.00	31.00	0.00	0.00	1.61	
7824.00	32.00	7775.00	90.40	353.40		7824.00	7824.00	0.00	7824.00	7856.00	32.00	0.00	0.00	0.32	
7856.00	27.00	7807.00	0.00	0.00		7856.00	7856.00	0.00	7856.00	7883.00	27.00	0.00	0.00	-282.50	T.D.

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Slide Sheet Report

BHA 7 - 2011/12/18 TO 2011/12/20

Totals:	24.00 ft	558.00 ft
Percentages:	4.1%	95.9%
<hr/>		
Time:	4.25 hrs	14.00 hrs
Percentages:	23.3%	76.7%

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