

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

3/20/09

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33953
Name: Raven Resources
Address: 13220 N MacArthur
City/State/Zip: Oklahoma City, OK 73142
Purchaser: _____
Operator Contact Person: David E. Rice
Phone: (620) 624-0156
Contractor: Name: Advanced Drilling Technologies, LLC
License: 33532
Wellsite Geologist: _____

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, 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./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

<u>12/13/07</u>	<u>12/14/07</u>	<u>Waiting on Comp</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 199-20376-0000
County: Wallace
_____ SE SE Sec. 20 Twp. 11 S. R. 41 East West
660 feet from (S) N (circle one) Line of Section
660 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Hill Well #: 2-20
Field Name: Wildcat
Producing Formation: Niobrara
Elevation: Ground: 3810' Kelly Bushing: 3822'
Total Depth: 1256' Plug Back Total Depth: 1200.32'
Amount of Surface Pipe Set and Cemented at 245' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1242.47'
feet depth to surface w/ 115 sx cmt.

Drilling Fluid Management Plan *AKI I 11/10/08*
(Data must be collected from the Reserve Pit)
Chloride content 7000 ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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.

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: David E Rice
Title: Agent Date: 3/20/08
Subscribed and sworn to before me this 20th day of March,
2008
Notary Public: Becki Andrews
Date Commission Expires: _____

NOTARY PUBLIC - STATE OF KANSAS
BECKI ANDREWS
My Commission Expires 4-22-2009

KCC Office Use ONLY.
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received **RECEIVED**
_____ Geologist Report Received **KANSAS CORPORATION COMMISSION**
_____ UIC Distribution **MAR 21 2008**

CONSERVATION DIVISION
WICHITA, KS

ORIGINAL

Side Two

Operator Name: Raven Resources

Lease Name: Hill

Well #: 2-20

Sec. 20 Twp. 11 S. R. 41 East West

County: Wallace

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
(Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy)

List All E. Logs Run:

Spectral Density Dual Spaced Neutron Log
Array Compensated Resistivity Log

Log Formation (Top), Depth and Datum Sample
Name Top Datum

CASING RECORD <input checked="" 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
Surface	9-1/2"	7"	17#	245'	I/II ASTM	68	
Production	6-1/4"	4-1/2"	10.5#	1242.47'	Class A	115	2% CCL

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				

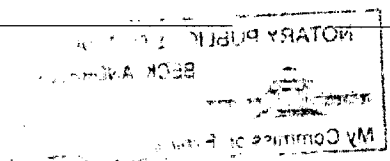
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

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

Disposition of Gas METHOD OF COMPLETION Production Interval
 Vented Sold Used on Lease (If vented, Sumit ACO-18.)
 Open Hole Perf. Dually Comp. Commingled
 Other (Specify)



SCHAAL DRILLING, CO.
PO BOX 416
BURLINGTON, CO. 80807
719-346-8032
FIELD REPORT
SURFACE CASING, DRILLING AND CEMENTING

CONFIDENTIAL
MAR 20 2008
KCC

DRILLING DATE 12-13-07

WELL NAME & LEASE # Hill 2-20

MOVE IN, RIG UP, DIG PITS ETC. DATE 12-12-07 TIME 2:00 AM PM

SPUD TIME 8:30 AM PM SHALE DEPTH 90 TIME 9:15 AM PM

HOLE DIA. 10 FROM 0 TO 248 TD TIME 10:15 AM PM

CIRCULATE, T.O.O.H., SET 245.30 FT CASING 258.30 KB FT DEPTH

6 JOINTS 7 OD #/FT 14 15.5 17 20 23

PUMP 68 SAC CEMENT 392 GAL.DISP. CIRC. 5 BBL TO PIT

PLUG DOWN TIME 11:45 AM PM DATE 12-13-07

CEMENT LEFT IN CSG. 20 FT TYPE: PORTLAND CEMENT I/II ASTM C 150
CENTRALIZER 1 CEMENT COST \$ 1040.46

ELEVATION 3810
+12KB 3822

PIPE TALLY

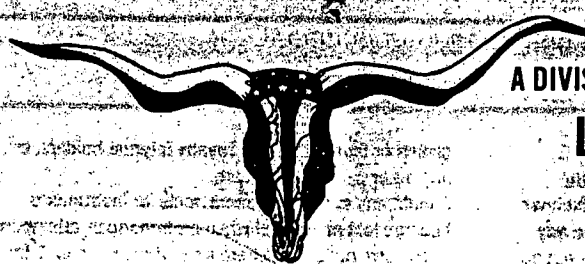
1. 42.90
2. 42.10
3. 40.90
4. 40.10
5. 40.50
6. 38.80
- 7.
- 8.
- 9.
- 10.
- 11.
- 12.
- 13.
- 14.
- 15.
- 16.

TOTAL 245.30

RECEIVED
KANSAS CORPORATION COMMISSION

MAR 21 2008

CONSERVATION DIVISION
WICHITA, KS



A DIVISION OF ADVANCED DRILLING TECHNOLOGIES, LLC
LONGHORN CEMENTING CO.

FIELD SERVICE TICKET
 CONFIDENTIAL AND INVOICE
 MAR 20 2008
 KCC

P.O. BOX 203 YUMA, COLORADO 80759
 Phone: 970-848-0799 Fax: 970-848-0798

DATE 12-14-07 TICKET NO. 1426

DATE OF JOB: <u>12-14-07</u>	DISTRICT	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.	
CUSTOMER: <u>Raven (ADT)</u>	LEASE: <u>Hill</u>	220		WELL NO.				
ADDRESS	COUNTY	STATE						
CITY	STATE	SERVICE CREW: <u>Brian & Tom</u>						
AUTHORIZED BY	EQUIPMENT: <u>111</u>							
TYPE JOB: <u>Log string</u>	DEPTH FT.	CEMENT DATA: BULK <input type="checkbox"/>	SAND DATA: SACKS <input type="checkbox"/>	TRUCK CALLED				DATE AM PM
SIZE HOLE: <u>4 1/2</u>	DEPTH FT.	SACKS	BRAND	TYPE	% GEL	ADMIXES	ARRIVED AT JOB	AM PM
SIZE & WT. CASTING	DEPTH FT.	<u>114</u>	<u>A</u>	<u>1H</u>			START OPERATION	AM PM
SIZE & WT. D PIPE OR TUBING	DEPTH FT.						FINISH OPERATION	AM PM
TOP PLUGS	TYPE	WEIGHT OF SLURRY	LBS. / GAL.	LBS. / GAL.			RELEASED	AM PM
<u>BBED 12-2-32</u>		<u>12000</u>					MILES FROM STATION TO WELL	
MAX DEPTH <u>1202.4</u> FT.	MAX PRESSURE	SACKS CEMENT TREATED WITH <u>2</u> % OF <u>colloids</u>		P.S.I.				

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
 The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only these terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without written consent of an officer of Advanced Drilling Technologies, LLC.

SIGNED: _____
 (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM / PRICE REF. NUMBER	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
001-2	Depth change - cement mileage				4200.00
200-2	4 1/2 float shoe		1		217.00
300-4	4 1/2 Latch Down Baffle plug		1		221.00
300-6	4 1/2 centralizer		1		215.00
3-4	4 1/2 scraper		6		228.00
300-12	2 centralizer		1		26.44
400-2	calcium		50 LB		50.00
400-4	4 1/2		132 TB		40.30
					5243.10
200-1	FFHA cement		54 SKS	17.50	945.00
1-30	ADD-Finish 12-2				1188.60
1-30	cement 27-0				
1-45	Displacement 19-0				
2-00	Bump log				

RECEIVED
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 MAR 21 2008
 CONSERVATION DIVISION
 WICHITA KS

ACID DATA:		
GALLONS	%	ADDITIVES
HCL		
HCL		

SUB TOTAL		
SERVICE & EQUIPMENT	% TAX ON \$	
MATERIALS	% TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE: Brian Leach THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Fred A. Cross
 FIELD SERVICE ORDER NO. (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)