



**#1 Hell Creek 20D**

1785' FSL & 1775' FEL

135' N & 125' W of SE NW SE Section 20-16S-31W

Scott County, Kansas

API# 15-171-20987-00-00

Elevation: 2933' GL, 2938' KB

**DRILLING REPORT**

Sample Tops			Ref. Well
Anhydrite	2336'	+602	-2
B/Anhydrite	2359'	+579	-5
Heebner	3922'	-984	-2
Toronto	3940'	-1002	-2
Lansing	3960'	-1022	-2
Muncie Shale	4141'	-1203	-1
Stark Shale	4237'	-1299	Flat
Hush	4279'	-1341	Flat
BKC	4320'	-1382	-1
Altamont	4369'	-1431	Flat
Pawnee	4448'	-1510	+2
Myrick	4478'	-1540	+2
Fort Scott	4492'	-1554	+4
Cherokee Shale	4518'	-1580	+2
Johnson	4559'	-1621	+1
B/Johnson	4590'	-1652	-1
Mississippian	4615'	-1677	+3
RTD	4735'	-1797	

# HELL CREEK 2001

## ALLIED OIL & GAS SERVICES, LLC 061166

Federal Tax ID: # 20-8651475

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

SERVICE POINT: Dakley

DATE <u>12/1/13</u>	SEC. <u>5</u>	TWP. <u>29</u>	RANGE <u>16</u>	CALLED OUT	ON LOCATION	JOB START <u>5:40</u>	JOB FINISH <u>5:20p</u>
WELL # <u>Hell Creek 200</u>	WELL #	LOCATION <u>Healy W to Twp 29</u>			<u>1.5 miles W</u>	COUNTY <u>Tarrant</u>	STATE <u>TX</u>
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR <u>W W 2</u>	OWNER <u>Smc</u>
TYPE OF JOB <u>gravel</u>	
HOLE SIZE <u>12 1/4</u>	T.D.
CASING SIZE <u>8 5/8</u>	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2</u>	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS.	
DISPLACEMENT <u>12 1/4</u>	

CEMENT	AMOUNT ORDERED <u>160 tons 300CL</u>
COMMON	<u>160</u> @ <u>17.20</u> = <u>2864.00</u>
POZMIX	@
GEL	<u>3</u> @ <u>73.40</u> = <u>220.20</u>
CHLORIDE	<u>6</u> @ <u>64.00</u> = <u>384.00</u>
ASC	@
	@
	@
	@
	@
	@
	@
	@
	@
	@
	@
HANDLING	<u>103.00</u> @ <u>2.10</u> = <u>216.30</u>
MILEAGE	<u>7.896</u> @ <u>70.00</u> = <u>552.72</u>
TOTAL <u>4023.25</u>	

**EQUIPMENT**

PUMP TRUCK	CEMENTER <u>Alex Ryan</u>
# <u>42728</u>	HELPER <u>Kevin Ryan</u>
BULK TRUCK	
# <u>378</u>	DRIVER <u>Alex (TWS)</u>
BULK TRUCK	
#	DRIVER

REMARKS:  
Gravel, Cement, Mix Cement, Gravel Cement  
Dakley

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Cement 160      Gravel 160

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12 1/4      12 1/4  
8 5/8      8 5/8  
4 1/2      4 1/2  
15'      15'

**SERVICE**

DEPTH OF JOB	
PUMP TRUCK CHARGE	<u>15.12</u>
EXTRA FOOTAGE	@
MILEAGE	<u>50</u> @ <u>7.20</u> = <u>385.00</u>
MANIFOLD	@
OTELBULL	<u>50</u> @ <u>4.40</u> = <u>220.00</u>
	@
TOTAL <u>217.25</u>	

CHARGE TO: Ritchie Kay

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

	@
	@
	@
	@
	@
TOTAL _____	

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: Romeo Lang

SIGNATURE: Romeo Lang

SALES TAX (If Any)	
TOTAL CHARGES	<u>6,891.00</u>
DISCOUNT	<u>1,584.93</u> IF PAID IN 30 DAYS
<u>5,306.07 Net.</u>	

D



**CONSOLIDATED**  
Oil Well Services, LLC

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

263270

TICKET NUMBER 44407  
LOCATION Oakley KS  
FOREMAN Dave - Trainee  
July 4

**FIELD TICKET & TREATMENT REPORT**

**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-15-13	7173	Hellcreek 201	20	16	31	Scott
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Rinchie Exploration			399	Tom W		
MAILING ADDRESS			529	Cody R		
CITY	STATE	ZIP CODE				

JOB TYPE Port Collar HOLE SIZE \_\_\_\_\_ HOLE DEPTH \_\_\_\_\_ CASING SIZE & WEIGHT 4 1/2 10.5  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE \_\_\_\_\_ TUBING 2 3/8 OTHER \_\_\_\_\_  
 SLURRY WEIGHT 12.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING P Collar 2327'  
 DISPLACEMENT 9.07 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting on KTM well service. Rig up & Test closed  
Port Collar @ 1100', open P-collars establish circulation, mix  
365gks 60/40 pos 690sel 1 1/4" Slossal w/ 500\* Cottonseed hulls. Displace  
8 1/2 BBL. Close P-collars Press to 1100' and hold. Wash pump  
and lines. Run 5 JTS and reverse the clean with a 30 BBL water.

Thanks Dave & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54013	1	PUMP CHARGE	1785 <sup>00</sup>	1785 <sup>00</sup>
5406	40	MILEAGE	525	210 <sup>00</sup>
5407A	15.7 ton	Tow mileage Delivery	125	1099 <sup>00</sup>
1131	365gks	60/40 pos	1586	5788 <sup>90</sup>
118B	1833#	Bondomite	127	494 <sup>91</sup>
1107	91#	Flo-sol	291	270 <sup>37</sup>
1105	500#	Cottonseed Hulls	58	290 <sup>00</sup>
		subtotal		9938 <sup>08</sup>
		less 1090		9938 <sup>01</sup>
		subtotal		8944 <sup>27</sup>
		SALES TAX 8.15%		502.03
		ESTIMATED TOTAL		9446.30

completed

Ravin 3737

AUTHORIZATION Gary Rowe TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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.



263180

TICKET NUMBER 44371  
LOCATION Oakley, Mo  
FOREMAN Damen + Walt

PO Box 884, Chanute, KS 66720  
320-431-9210 or 800-467-8676

### FIELD TICKET & TREATMENT REPORT

### CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10/10/13	7173	Hell Creek 20D #1	20	16	31	Scott
CUSTOMER <u>Ritchie Exploration</u>			CITY			
MAILING ADDRESS			STATE			
CITY			ZIP CODE			
JOB TYPE <u>Production</u>			HOLE SIZE <u>7 7/8</u>		HOLE DEPTH <u>4733.88</u>	
CASING DEPTH <u>4729</u>			DRILL PIPE		TUBING	
SLURRY WEIGHT <u>14</u>			SLURRY VOL <u>142</u>		WATER gal/sk	
DISPLACEMENT <u>74.87</u>			DISPLACEMENT PSI		MIX PSI	
REMARKS:			RATE			
<p><u>Safety Meeting Rig up on WW-2 Run Float Equipment Toolsizers 1-2</u>  <u>4-17-55-57 Baskets 16-56-69 Port Collar on #56. Circulate 1hr. pump 5 water</u>  <u>500gal mud Flush - 5 water mix 30SKs in Rathole mix 225 SKs OWC at 5" Gal/sk</u>  <u>25% CDI 26 Down 4 1/2 Casing Washup Pump &amp; Lines Release plug &amp; Displace</u>  <u>74.87 bbl water 900' Lift 1500' Land Float Held</u>  <u>Plug Mouse hole 15 SKs Cement</u></p>						

Thanks Damen & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	\$3175.00	\$3175.00
5406	40	MILEAGE	\$5.25	\$210.00
5407A	12	Ten Mileage Delivery	\$7.50	\$90.00
1126	255 SKs	OWC	\$23.30	\$6043.50
1110A	1275 #	Kal seal	\$0.56	\$714.00
1137	60 #	CDI-26	\$10.20	\$612.00
1144G	500 gal	Mud Flush	\$1.00	\$500.00
7155	1	Afu Float Shoe	\$258.50	\$258.50
4139	6	4 1/2 Toolsizers	\$60.00	\$360.00
4284	1	4 1/2 Port Collar (L)	\$1984.50	\$1984.50
4103	3	Baskets 4 1/2 (W)	\$275.00	\$825.00
4453	1	Latch Down Plug Assy	\$290.00	\$290.00
SubTotal				\$15812.50
			CRSS 10%	\$1581.25
				\$17393.75
			SubTotal	\$14231.25
			SALES TAX	849.96
			ESTIMATED	
			TOTAL	15081.21

completed

AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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

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