HUGHES DRILLING REPORT

SURFACE CASING

OPERATOR HB Knergy, hh

Well No HBS Size 6/4
Farm Fees 8/1 no Feet 21,25
Circulated 9 sx cement

PERMANENT CSG.
Size 2 7/8 8nd EVE (new)

Feet 903, 35 Baffle 97 872,65

T. D. at Completion 920'

Contractor HUGHES DRILLING CO.

3760 FEL

THICKNESS DRILLED 3 5011 3 9 6104 12 26 Lime 38 8 Shale 46 8 Lime 54 11 Shale 65 15 Lime 80 8 Shale 88 76 Lime 164 5 Shale 212 17 Lime 225 13 Shale 238 9 Lime 247 9 Shale 238 9 Lime 269 6 Shole 285 2 Lime 269 6 Shole 285 2 Lime 323 8 Shale 331 20' 22 Lime 323 8 Shale 331 20' 32 Lime 323 8 Shale 357 151 Zhale 524 3 Shale 534 3 Shale 537 151 Zhale 524 3 Lime 537 151 Zhale 534 3 Lime 537 15 Shale 534 3 Lime 537 5 Lime 538 7 Shale 565 6 Lime 571 18 Shale 589			
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ATE	DR11	1150	REMARKS - TYPE WORK BILLING REF.	PIPE TALLY
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21'	3	12		222.5-44.C
128/14	1	38	time	3)225-66.5
8 5 /8 PDC	38	<i>116</i>	shale (slate 44-45)	(922.5-89.0
5 pacialie	16	54	1.me	\$ 225-1115
	54	65	Shale (59-61 gray Sand (hard))	1322.5-134.0
: :	65	80	Line	7225-156
	• •	88	shale	18225-1790
	88	164	Lime	19/225-201
			shale	(10)2.2.5-2.24.
			bine	(1)22.5-241.
			shale	(2)22.5-269.0
	212	W	Line	(13)22.5-291.5
i			Shale	J9225-314,
	236		Lime	15/22.5-331
		****	Shale	D22.5-359,
			l:pme	47235-3813
· · · · · ·	·		shale.	1322.5-40U,
	285			19225-426
30'			Shale Line	30 125-449
30			5hale (slate 328-329)	2024.5.471. 03225-494
20'			Lime (21915 200 2011	(23)22.5-516.
			shale (slate 356.357)	(21)22.5-539.
			Lime	(25)22.5-56
	362	365	Thale	2022.5-584
"Hertha"	4		The state of the s	(2) 22 s-606.

To Co. Kansas 775 FSL 3760 FEL HUGHES DRILLING REPORT API# 15-09/-24439 SURFACE CASING PERMANENT CSG. Well No HB5 Size STRATA FORMATION Farm Fasolino Feet THICKNESS DRILLED Feet Shale Circulated sx cement T. D. at Completion 920 OPERATOR HB Energy, LLC Shale HUGHES DRILLING CO. PIPE TALLY 34:115 9 DATE (28)225-629.0 83 shale 373 521 shale 524 526 Limo (29)22.5-651.5 526 534 Shak 307225 -674.0 11/29/16 534 537 Lime 537 547 Shale 547 352 352 556 Shale P225-764A 556 558 Lime 1357225-7865 76)22.5-809.0 Shole 565 571 157 225-831.5 571 589 5/ale 38722.5-854.0 (3722.5-876.5 589 593 Lime 593 607 Shale 1022,5-899,0 607 611 Lime 611 639 Shale 841 739 shale 739742 6,'m1 742 828 Shale (Lime 783-784) "Bartlessille" 828 837 0; / Sand - (remarks pg. 3) 837.420 shale set 903,35 of 2 % 8rd EVE (new) 11/29/16 Baffle at 872,65 Usod 3 centralizers Float Shie on Bottom

HUGHES DRILLING CO.

CORE TIME

Lease Faseling H35

Formation BacTlesville

Date/1/29/16 RPM Chip semple

	FROM	ТО	TIME	MINUTES	REMARKS
		2781 april - 1860 - 198 - 198 april 194 - 1860	ch, 2 50	mple	
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	831	832	3 gulid	Sand (Pleeding)
	832	833		Ì	
	833	834	- Sand	lightly 19	min Whate (Bleeding)
	334	P35	3 sulid	Fand (Bie	ediny)
	835	836			
	336	837	- Sand Ve	ry lunion	alstiale (Bleeding)
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				- 19 No April 19 Apri	

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REMIT TO

Consolidated Oil Well Services, LLC Dept:970 P.O.Box 4346 Houston, TX 77210-4346

MAIN OFFICE

P.O.Box884 Chanute, KS 66720 620/431-9210.1-800/467-8676 Fax 620/431-0012

Invoice

Invoice#

809127

Invoice Date: 11/30/16

Terms:

Net 30

Page

H B ENERGY LLC

3137 Virginia Road WELLSVILLE KS 66092 USA

9139639127

FASALINO #HB-5

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Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0450	Cement Pump Charge 0 - 1500'	1.000	1,500.0000	62.000	570.00
CE0002	Equipment Mileage Charge - Heavy Equipment	30.000	7.1500	62.000	81.51
CE0711	Minimum Cement Delivery Charge	1.000	660.0000	62.000	250.80
WE0853	80 BBL Vacuum Truck (Cement Services)	1.500	100.0000	62.000	57.00
CC5840	Poz-Blend I A (50:50)	120.000	13.5000	62.000	615.60
CC5965	*Bentonite*	302.000	0.3000	62.000	34.43
CC6075	Celloflake	30.000	2.0000	62.000	22.80
CP8176	2 7/8" Top Rubber Plug	1.000	45.0000	62.000	17.10
				Subtotal	4,340.10

Amount Due 4,480.36 If paid after 12/30/16

Tax:

53.30

Total:

Discounted Amount SubTotal After Discount

1,702.54

2,690.86

1,649.24



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Day 984 Chanuta KS 66720	FIELD TICKET & TREATMENT
O Box 884, Chanute, KS 66720	CEMENT

	CUSTOMER#	WEL	L NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
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OB TYPE LO	nessy they	HOLE SIZE_	S71 HOLE	DEPTH 920	CASING SIZE & WI		EUL
ASING DEPTH		DRILL PIPE_	Bafrle, TUBIN	G 872'		OTHER	-
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Hug	has Delle	ny Co.			7.0 m	lader	
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ACCOUNT	1000			TION of SERVICES or I	PRODUCT	UNIT PRICE	TOTAL
ACCOUNT CODE	QUANITO	or UNITS	PUMP CHARGE	TION of SERVICES or I		UNIT PRICE	TOTAL
ACCOUNT CODE E0450	QUANITY	or UNITS	PUMP CHARGE MILEAGE		PRODUCT	UNIT PRICE	TOTAL
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ACCOUNT CODE E0450 E0450	QUANITY M Sas	or UNITS	PUMP CHARGE MILEAGE	Dalivera Vac Truck.	PRODUCT 495 496 548	UNIT PRICE (500 19 2 14 50 (440 19 (500 19)	TOTAL
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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

FERMS

In consideration of the prices to be charged for Consolidated Oil Well Services, LLC (COWS) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay COWS interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is lapher. In the event COWS retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by COWS.

Any applicable federal, state or local sales, use occupation, consumer's or emergency taxes shall be added to the quoted price. All process license fees required to be paid to others will be added to the scheduled prices.

All COWS' prices are subject to change without notice.

SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by COWS. The Customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service which is to be performed.

- (a) COWS shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a 'ciaim') for damage to property, or injury to or death of employees and representatives, of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence or COWS, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.
- (b) Unless a claim is the result of the sole willful misconduct or gross negligence of COWS, Customer shall be responsible for and indemnify and hold COWS harmless from any claim for: (1) reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS; (3) injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole; and (4) well damage or reservoir damage caused by (i) loss of circulation, cement invasion, cement misplacement, pumping cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) subsurface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. COWS may furnish down hole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage, loss or result caused by the use of such tools.

Furthermore, Customer will be responsible for the cost to replace such tools if they are lost or left in the well

- (c) COWS makes no guarantee of the effectiveness of any COWS products, supplies or materials, or the results of any COWS treatment or services.
- (d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS' personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS' gross negligence or willful misconduct in the preparation or furnishing of it.
- (e) COWS may buy and re-sell to Customer down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B packers, and Customer agrees that COWS is not an agent or dealer for the companies who manufacture such items, and further agrees that Customer shall be solely responsible for and indemnify COWS against any claim with regard to the effectiveness, malfunction of, or functionality of such items.

WARRANTIES - LIMITATION OF LIABILITY

COWS warrants ritle to the products supplies and materials, and dust the same are fire from defects in workmanship and materials. THERE ARE NO OTHER WARRANTIES, ENPRESS OR IMPLIED, NOR ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and Customer's exclusive remedy in any claim (whether in contract, tort, breach of warranty or otherwise,) arising out of the sale or use of any COWS' products, supplies, materials or services is expressly limited to the replacement of such products, supplies, materials or services or their return to COWS or, at COWS' option, an allowance to Customer of credit for the cost of such items.

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