

# HUGHES DRILLING REPORT

Well No H05  
 Farm: Fasolino

SURFACE CASING  
 Size 6 1/4  
 Feet 21.25  
 Circulated 9 sx cement

PERMANENT CSG.  
 Size 2 7/8" 8rd EVC (new)  
 Feet 903.35  
89 FFIC 97 872.65

T. D. at Completion 920'  
 Contractor HUGHES DRILLING CO.

OPERATOR H B Energy, LLC

Jo Co. Kansas  
775 FSL 3760 FEL  
 API # 15-091-24439

STRATA THICKNESS	FORMATION DRILLED	T.D.
3	soil	3
9	clay	12
26	Lime	38
8	Shale	46
8	Lime	54
11	Shale	65
15	Lime	80
8	shale	88
76	Lime	164
5	shale	169
2	Lime	171
41	shale	212
17	Lime	225
13	Shale	238
9	limon	247
9	shale	256
13	Lime	269
6	Shale	285
2	Lime	287
4	Shale	291
30'	32 Lime	323
8	shale	331
20'	32 limon	353
4	shale	357
5	lime	362
3	shale	365
"H"	8 Lime	373
151	shale	524
2	Lime	526
8	shale	534
3	Lime	537
10	shale	547
5	Lime	552
4	shale	556
2	lime	558
7	shale	565
6	Lime	571
18	Shale	589
4	Lime	593
14	shale	607
4	Lime	611

DATE	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
11/21/16	0	3	soil	① 21.5-21.5
21'	3	12	clay	② 22.5-44.0
11/28/16	12	38	Lime	③ 22.5-66.5
H B 5 7/8" PDC	38	46	shale (slate 44-45)	④ 22.5-89.0
5 paddle	46	54	Lime	⑤ 22.5-111.5
	54	65	shale (59-61 gray sand (hard))	⑥ 22.5-134.0
	65	80	Lime	⑦ 22.5-156.5
	80	88	shale	⑧ 22.5-179.0
	88	164	Lime	⑨ 22.5-201.5
	164	169	shale	⑩ 22.5-224.0
	169	171	lime	⑪ 22.5-246.5
	171	212	shale	⑫ 22.5-269.0
	212	225	Lime	⑬ 22.5-291.5
	225	238	shale	⑭ 22.5-314.0
	238	247	Lime	⑮ 22.5-336.5
	247	256	shale	⑯ 22.5-359.0 "H"
	256	269	Lime	⑰ 22.5-381.5
	269	285	shale	⑱ 22.5-404.0
	285	287	lime	⑲ 22.5-426.5
	287	291	shale	⑳ 22.5-449.0
30'	291	323	Lime	㉑ 22.5-471.5
	323	331	shale (slate 328-329)	㉒ 22.5-494.0
20'	331	353	Lime	㉓ 22.5-516.5
	353	357	shale (slate 350-357)	㉔ 22.5-539.0
	357	362	Lime	㉕ 22.5-561.5
	362	365	shale	㉖ 22.5-584.0
"Heatha"	365	373	Lime	㉗ 22.5-606.5

# HUGHES DRILLING REPORT

So Co., Kansas Pg 2  
 775 FSL 3760 FEL  
 API # 15-091-24439

Well No H05 SURFACE CASING PERMANENT CSG.  
 Farm Fasolino Size ..... Size .....  
 Feet ..... Feet .....  
 Circulated \_\_\_\_\_ sx cement

OPERATOR H0 Energy, LLC T. D. at Completion 920'  
 Contractor HUGHES DRILLING CO.

STRATA THICKNESS	FORMATION DRILLED	T.D.
28	Shale	639
2	Lime	641
98	Shale	739
3	Lime	742
86	shale	828
"Baffle" 9	oil sand	837
83	shale	920
		TD

DATE	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
	373	521	shale	(28) 22.5-629.0
<u>5/5</u>	521	526	lime	(29) 22.5-651.5
<u>11/29/16</u>	526	534	shale	(30) 22.5-674.0
	534	537	lime	(31) 22.5-696.5
	537	547	shale	(32) 22.5-719.0
	547	552	lime	(33) 22.5-741.5
	552	556	shale	(34) 22.5-764.0
	556	558	lime	(35) 22.5-786.5
	558	565	shale	(36) 22.5-809.0
	565	571	lime	(37) 22.5-831.5
	571	589	shale	(38) 22.5-854.0
	589	593	lime	(39) 22.5-876.5
	593	607	shale	(40) 22.5-899.0
	607	611	lime	
	611	639	shale	
	639	641	lime	
	641	739	shale	
	739	742	lime	
	742	828	shale (lime 783-784)	
"Bartlesville"	828	837	oil sand - (remarks pg. 3)	
	837	920	shale	
			T.D.	
<u>11/29/16</u>			set 903.35' of 2 7/8" 8rd EUE (new)	
			Baffle at 872.65	
			used 3 centralizers	
			float shoe on bottom	

HUGHES DRILLING CO.  
 CORE TIME  
 Lease Frasoline H35  
 Formation Bartlesville  
 Date 1/29/16 RPM chip sample

FROM	TO	TIME	MINUTES	REMARKS
				chip sample
828	829	sand very laminar		w/shale (some bleed)
829	830	}		sand slightly laminar w/shale (bleeding)
830	831			
831	832	}		solid sand (bleeding)
832	833			
833	834	-		sand slightly laminar w/shale (bleeding)
834	835	}		solid sand (bleeding)
835	836			
836	837	-		sand very laminar w/shale (bleeding)
837	838	}		shale
838	839			
839	840			
( Best Perf Zone 829 - 836 Isaac Burbank Clay Hughes )				



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

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H B ENERGY LLC  
 3137 Virginia Road  
 WELLSVILLE KS 66092  
 USA  
 9139639127

FASALINO #HB-5

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  
 Discounted Amount 2,690.86  
 SubTotal After Discount 1,649.24

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

Tax: 53.30  
 Total: 1,702.54



## TERMS

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 higher. 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 "claim") 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 of 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) sub-surface 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 title to the products, supplies and materials, and that the same are free from defects in workmanship and materials. THERE ARE NO OTHER WARRANTIES, EXPRESS 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.

Customer waives and releases all claims against COWS for any special, incidental, indirect, consequential or punitive damages.