KOLAR Document ID: 1684012

Confidentiality Requested:

Yes No

### Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1
January 2018
Form must be Typed
Form must be Signed
All blanks must be Filled

# WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No.:		
Name:	Spot Description:		
Address 1:			
Address 2:	Feet from North / South Line of Section		
City:	Feet from East / West Line of Section		
Contact Person:	Footages Calculated from Nearest Outside Section Corner:		
Phone: ()	□NE □NW □SE □SW		
CONTRACTOR: License #	GPS Location: Lat:, Long:		
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxx)		
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84		
Purchaser:	County:		
Designate Type of Completion:	Lease Name: Well #:		
New Well Re-Entry Workover	Field Name:		
	Producing Formation:		
☐ Oil ☐ WSW ☐ SWD	Elevation: Ground: Kelly Bushing:		
☐ Gas ☐ DH ☐ EOR	Total Vertical Depth: Plug Back Total Depth:		
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: Feet		
CM (Coal Bed Methane)	Multiple Stage Cementing Collar Used? Yes No		
Cathodic Other (Core, Expl., etc.):			
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet		
Operator:	If Alternate II completion, cement circulated from:		
Well Name:	feet depth to: sx cmt.		
Original Comp. Date: Original Total Depth:			
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan		
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)		
Commingled Permit #:	Chloride content:ppm Fluid volume:bbls		
Dual Completion Permit #:	Dewatering method used:		
SWD Permit #:	Location of fluid disposal if hauled offsite:		
☐ EOR Permit #:	Location of fluid disposal if fladica offsite.		
GSW Permit #:	Operator Name:		
_	Lease Name: License #:		
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. R East West		
Recompletion Date Recompletion Date	County: Permit #:		

#### **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.

**Submitted Electronically** 

KCC Office Use ONLY						
Confidentiality Requested						
Date:						
Confidential Release Date:						
Wireline Log Received Drill Stem Tests Received						
Geologist Report / Mud Logs Received						
UIC Distribution						
ALT I II Approved by: Date:						

KOLAR Document ID: 1684012

#### Page Two

Operator Name: _				Lease Name:			Well #:	
Sec Twp.	S. R.	E	ast West	County:				
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		B	CASING eport all strings set-c		New Used	ion, etc.		
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD			
Purpose:		epth T Bottom	ype of Cement	# Sacks Used	ed Type and Percent Additives			
Perforate Protect Casi Plug Back T								
Plug Off Zor								
Did you perform a     Does the volume     Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT
,	,			B.11 B1				
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:				
TODING RECORD:	. 3126.	Set	n.	i donei Al.				

Form	ACO1 - Well Completion		
Operator	HG Oil Holdings, LLC		
Well Name	HBP 1-6		
Doc ID	1684012		

# Tops

Name	Тор	Datum
Top Anhydrite	2348	+655
Base Anhydrite	2368	+635
Topeka	3569	-566
Heebner	3800	-797
Toronto	3819	-816
LKC	3851	-848
ВКС	4185	-1182
Marmaton	4232	-1229
Altamont B	4274	-1271
Fort Scott	4375	-1372
Cherokee Sh	4403	-1400
Mississippi	4571	-1568

Form	ACO1 - Well Completion		
Operator	HG Oil Holdings, LLC		
Well Name	HBP 1-6		
Doc ID	1684012		

# Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
Surface	12.25	8.625	23	263	H325	3%CC2% gel

			grsi.ca)		<u> </u>	8.75") s (90%		
Marc A. Downing Geologic Report	Drilling Contractor  Murfin Drilling, Rig 102  Commenced 10-23-22  Completed 10-31-22  Samples Saved From 3550 To RTD		Somment Comment		DST #1 867-3925 0-30-30-00	9-30-30-60 1-30-30-60 3-10-30-60 3-10-30-60 3-20-2 1143-116 11858-1832  N w/ oil spt  Chlor: 39K	DST #2 23.7.45.60 5-30.45.60 14 2 22-32 33.40 8/ oil spts	
	Drilling Time Kept From 3400 To RTD Samples Examined From 3550 To RTD Geological Supervision From 3550 To RTD		version 4.0.3		X   X   X   X   X   X   X   X   X   X	Strap @ 3 3 MC/	V   V   V   V   V   V   V   V   V   V	S   S   S   S   S   S   S   S   S   S
Operator HG Oil Holdings  Elevation  KB 3003	Geological Supervision From 3550 To RTD		VC Striplog  1 - C5  1 - C5  Inits)			light plan down		
Lease HBP No. 1-6 GL 2998  API # 15-109-21657-0000 Casing Record Surface			V GEOStrip 1 TG, C tell Gas (units)  1 (units) 5 (units) 5 (units) C (units)	in the state of th		Foot ma stopped control of the contr	lighter test	
Field Lone Butte Southwest Location 330' FNL & 1356' FEL  8 5/8" @ 263' Production None Electrical Surveys	Summary and Recommendations  The HBP #1-6 ran structurally high to the nearest producer on all		Printed by 10 10 10 10 10 10 10 10 10 10 10 10 10	in por, and an, yrx, yrx, sw/	pr pr ship pyttd ship ship ship ship ship ship ship ship	S. Fr (foss.)  Tr. amt and an and an and ans w/ ans	shp cat	s por, if in proceed to the state of the sta
Sec. 6 Twp. 15s Rge. 34w CNDL, DIL	formations. The Altamont B was tested but proved to be tight, only recovering 20' of mud with oil spots.	SOLS   SPECIAL STATES   SPECIAL STATES	tigous subjection of the state	ss, frag in p s and intxln no od. foss. Mostl chlky rx. ag foss. P ag foss. P ag foss cht. scat ool. N scat in subxln-chlk sub	ng suc-dolc olk stn w/ significant distributions of hay SFO (w/ NS. From the scat from	Fr sat stn w shiky barrer trng mostly tily subxln. The above. Fr d.  ol. Dns w/ ooc rx al w ooc rx al w ooc rx al wook fr fluctured tan shp NS.  chlky rx. Sechlky rx. Sechlky rx. Sechled the set of	state of occ rren, no od rren, no od rren, no od rren, no od ren, no od ren, no vis sitty it grn sity	ass. No vis poss. No vis poss. No vis poss. No vis poss and oo ally barren, no or, scat lrg arren.  No vis poss and oo ally barren, no or, scat lrg arren.  No vis poss and oo ally barren, no or, scat lrg barren.  Ind, well stally barren or, scat lrg barren.  Ind, well stally barren or, scat lrg barren.  Indy w/s cabarren.  Indy w/scat barren.  Indy w/scat barren.
971	Due to DST recovery and log evaluation, it was decided by all concerned parties to plug and abandon the test hole.	CCESSOR Ss Shale ale AER SYME	igical Descrip	d xln, suc i los w/ scat w scat subxln-chik suc i los aux frag fo scat w los subxln-chik subxln-chik barren.	cat foss. Mo cat pr hvy l ., foss in pr ubxln-chlky arren, no o r-gd sat ar kln-chlky rx kln-chlky rx some oor w/ fr an od.	an-brn, ool sml vugs. ny subxln-ce wool ala, sew vugs, sleighter than ring fluor, fro salaren. Fr-garen. F	ol in prt. S Totally ba Totally ba vis por.  104  1, few pos s scat sndy- sca	4360 (-1.) 4360 (-1.) 4360 (-1.) 4360 (-1.) 4360 (-1.) 4360 (-1.) 4360 (-1.) 4360 (-1.) 5 (-1373) 5 (-1373) 5 (-1373) 6 (-1373) 6 (-14) 6 (-14) 6 (-14) 6 (-14) 6 (-14) 7 (-140) 7 (-1569) 7 (-1569) 8 (-140) 8 (-140) 8 (-140) 9 (-
Base Anhydrite 2369 2368 +635 +5  Topeka 3569 3569 -566 +7		STRINGE STRINGE STRINGE Sands Siltste Ted sk DST DST DST Ltail pipe		in prt. NS. in prt. Totally, all n scat suc py, silty in py, wascat brown, and xln, for, mostly, or. Totally, all n scat brown scat brown, for, mostly, or. Totally, or.	the many sort, mostly fine cart intxlin gary	w/ some to w few; y, hvy. Martull fluor.  ', fn vfn xln, martull fluor.  ', hvy. Martull fluor.  ', fn vfn xln, martull fluor.  ', hvy. Martull fluor.  ', fn. xln, martull fluor. ', fn. xln, martull fl	-tark gry  -drk gry  -drk gry  -tan kn, o  w/ pr por.  y and xln, o  w/ pr por.  y and xln, o  y, soft, w/ y, soft	cht, all NS ck Carb ck Carb chr., fn-mc NS. Shp i cott 437 cott 43
Heebner     3801     3800     -797     +4       Toronto     3820     3819     -816     +5       LKC     3851     3851     -848     +3		shale, grn shale, gry to	ii sworks ii o	LS: wht scat coll scat coll scat coll scat coll scat coll scat children for subxinity all Ns. wht subxinity por, with por, with provising scat children for subxinity all Ns. whit subxinity subxini	Sh: Blaa LS: wht por, NS Fr-gd in why SF Sh: gry Sh: g	LS: wht int ool page SFO gad SFO gad SFO gad SFO gad SFO gas w/ ft subxln-tall NS. Black Sh: Bla	Sh: gry- Sh: gry- Sh: gry- LS: wht LS: wht Totally I  LS: wht BRC 4  Altame LS: wht poor w/ p  Coll por, chilky rx  Coll por, chilky rx	Sh: Blae Sh:
BKC     4186     4185     -1182     +5       Marmaton     4231     4232     -1229     +3       Altamont B     4278     4274     -1271     +6       Fort Scott     4376     4375     -1372     +5		FOSSIL     Oolite  Oolite  Digital Pho  Digital Pho  Digital Pho  Link  Link	Core Logy					
Cherokee Sh         4405         4403         -1400         +8           Mississippi         4572         4571         -1568         +3	Respectfully Submitted,	sdy lmst Lmst fw7> 50 - 75 % 25 - 50 % 1 - 25 %	100   100	3550 360 360 360 360 360 360 360 3730 3730	3750 3750 3770 3870 3820 3820 3820 3850 3850	3890 3890 3910 3910 3920 3920 3920 3930 3940 3950 3960 3960 3970 3970 4070	266 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4350 4450 450 460 460 460 460 460 460 460 46
Total Depth 4630 4630 -1627  Reference Well For Structural Comparison New Gulf - Byron #1-31 1295' FSL & 1572' FEL Sec. 31-14s-34w	Marc A. Downing	MINERAL  ◆ Chert, dark  ○ Glauconite  △ Chert White  ○ Even Stn  ● Spotted Stn 5  ○ Spotted Stn 10  ○ Spotted Stn 10  ○ Dead Oil Stn  ■ Fluorescence	Curve Track #1 OP (min/ft) amma (API) ROP (min/ft) Samma (API)					
						de di ligita de la companya de la co		



HG Oil Holdings, LLC

6 15s 34w Logan, Ks

211 SW 9th St Plainville, Ks 67663 **HPB #1-6** 

Tester:

Unit No:

Job Ticket: 69190 DST#: 1

**Bradley Walter** 

78

ATTN: Mark Downing Test Start: 2022.10.28 @ 17:59:00

#### **GENERAL INFORMATION:**

Formation: LKC C-D

Deviated: Test Type: Conventional Bottom Hole (Initial) No Whipstock: ft (KB)

Time Tool Opened: 20:43:30 Time Test Ended: 01:26:00

Interval:

3867.00 ft (KB) To 3925.00 ft (KB) (TVD) Reference ⊟evations: 3003.00 ft (KB)

Total Depth: 3925.00 ft (KB) (TVD)

Hole Diameter: 788.00 inches Hole Condition: Good KB to GR/CF: 5.00 ft

2998.00 ft (CF)

Serial #: 8845 Outside

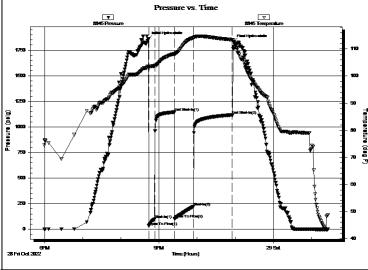
Press@RunDepth: 3868.00 ft (KB) Capacity: 222.21 psig @ 8000.00 psig

Start Date: 2022.10.28 End Date: 2022.10.29 Last Calib.: 2022.10.29 Start Time: 17:59:05 End Time: 01:25:59 Time On Btm: 2022.10.28 @ 20:43:15 Time Off Btm: 2022.10.28 @ 22:57:30

TEST COMMENT: IF: 10 3/4" blow.

ISI: No return. FF:28 3/4" blow.

FSI: No return. 10-30-30-60



	PRESSURE SUMMARY							
Ī	Time	Pressure	Temp	Annotation				
	(Min.)	(psig)	(deg F)					
	0	1858.60	103.56	Initial Hydro-static				
	1	31.96	102.68	Open To Flow (1)				
	10	99.16	103.72	Shut-In(1)				
	41	1143.84	108.19	End Shut-In(1)				
	41	103.43	107.92	Open To Flow (2)				
	71	222.21	114.15	Shut-In(2)				
, 1	132	1116.87	113.39	End Shut-In(2)				
9	135	1832.47	110.83	Final Hydro-static				

DDECCLIDE CLIMMADY

#### Recovery

Length (ft)	Description	Volume (bbl)
430.00	mcw 10m 90w (oil spots)	4.94

Gas Rat	es	
Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

Trilobite Testing, Inc Ref. No: 69190 Printed: 2022.10.29 @ 08:05:45



HG Oil Holdings, LLC

6 15s 34w Logan, Ks

211 SW 9th St Plainville, Ks 67663

Job Ticket: 69190

**HPB #1-6** 

DST#: 1

ATTN: Mark Downing

Test Start: 2022.10.28 @ 17:59:00

#### **GENERAL INFORMATION:**

Formation: LKC C-D

Deviated: Test Type: Conventional Bottom Hole (Initial) No Whipstock: ft (KB)

Time Tool Opened: 20:43:30 Time Test Ended: 01:26:00

Unit No: 78

**Bradley Walter** 

Tester:

3867.00 ft (KB) To 3925.00 ft (KB) (TVD)

Reference ⊟evations:

3003.00 ft (KB)

Total Depth: 3925.00 ft (KB) (TVD)

2998.00 ft (CF)

Hole Diameter: 788.00 inches Hole Condition: Good

Inside

KB to GR/CF: 5.00 ft

#### Serial #: 8319

Interval:

Press@RunDepth:

psig @

3868.00 ft (KB)

Capacity: 2022.10.29 Last Calib.: 8000.00 psig

Start Date: Start Time:

2022.10.28 17:59:05

End Date: End Time:

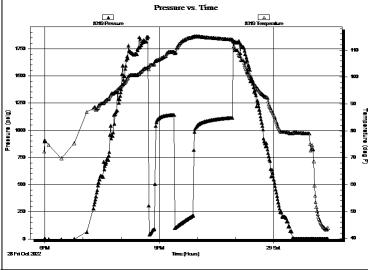
01:26:14

Time On Btm: Time Off Btm: 2022.10.29

TEST COMMENT: IF: 10 3/4" blow.

ISI: No return. FF:28 3/4" blow.

FSI: No return. 10-30-30-60



PRESSURE S	UMMARY
------------	--------

	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
=				
3				
Temperature (deg F)				
2				
J				
	l			

#### Recovery

Description	Volume (bbl)
mcw 10m 90w (oil spots)	4.94
	·

#### Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc Ref. No: 69190 Printed: 2022.10.29 @ 08:05:46



**FLUID SUMMARY** 

HG Oil Holdings, LLC

6 15s 34w Logan, Ks

211 SW 9th St Plainville, Ks 67663 HPB #1-6

Job Ticket: 69190

DST#:1

ATTN: Mark Downing

Test Start: 2022.10.28 @ 17:59:00

#### **Mud and Cushion Information**

Mud Type: Gel Chem Cushion Type: Oil API: 0 deg API

Mud Weight: 9.00 lb/gal Cushion Length: ft Water Salinity: 39000 ppm

Viscosity: 60.00 sec/qt Cushion Volume: bbl

Water Loss: 4.00 in<sup>3</sup> Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 2800.00 ppm Filter Cake: 1.00 inches

#### **Recovery Information**

#### Recovery Table

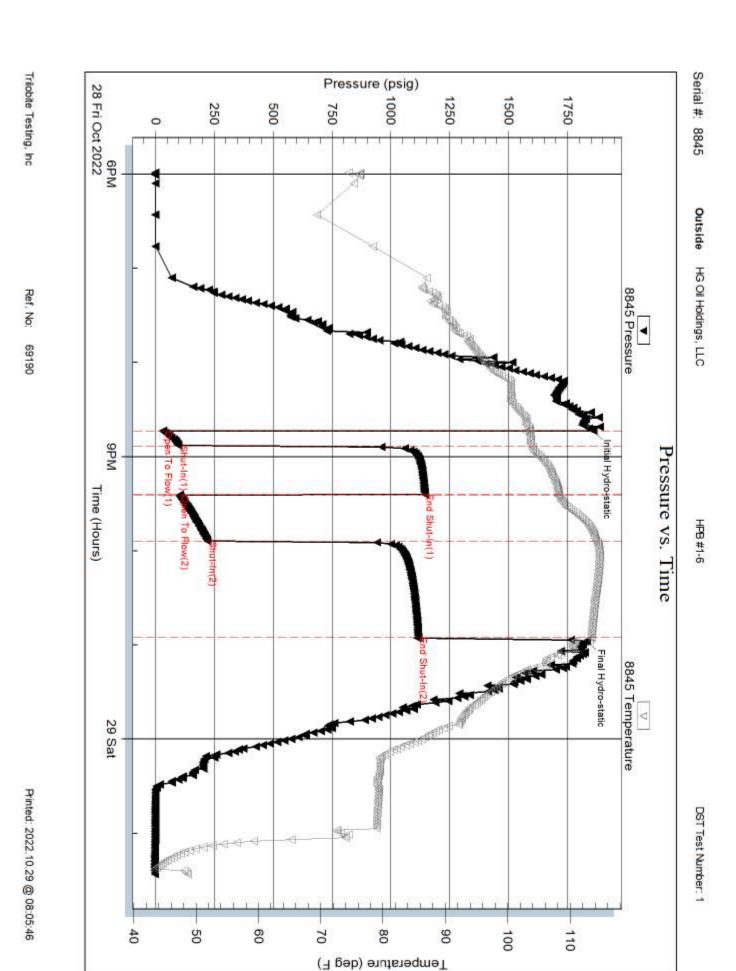
Length ft	Description	Volume bbl
430.00	mcw 10m 90w (oil spots)	4.939

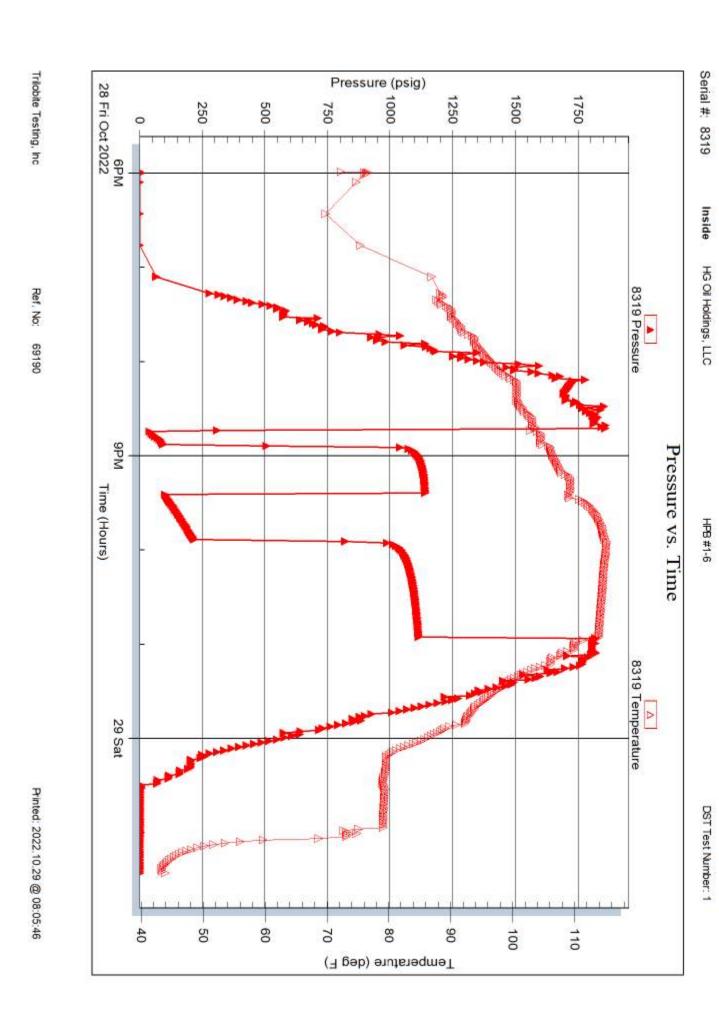
Total Length: 430.00 ft Total Volume: 4.939 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location: Recovery Comments: rw is .221 @ 57F = 39000ppm

Trilobite Testing, Inc Ref. No: 69190 Printed: 2022.10.29 @ 08:05:46







HG Oil Holdings, LLC

**HPB #1-6** 

211 SW 9th St Plainville, Ks 67663

Job Ticket: 69191

6 15s 34w Logan, Ks

DST#: 2

ATTN: Mark Downing

Test Start: 2022.10.30 @ 05:49:00

#### **GENERAL INFORMATION:**

Formation: Altamont A-B

Deviated: Whipstock: Test Type: Conventional Bottom Hole (Reset) ft (KB)

Time Tool Opened: 08:44:15 Time Test Ended: 13:33:30

4237.00 ft (KB) To 4285.00 ft (KB) (TVD)

Total Depth: 4285.00 ft (KB) (TVD)

Hole Diameter: 788.00 inches Hole Condition: Good

Outside

Reference Bevations: 3003.00 ft (KB)

**Bradley Walter** 

78

2998.00 ft (CF) KB to GR/CF: 5.00 ft

Serial #: 8845

Press@RunDepth:

Interval:

4238.00 ft (KB) 40.29 psig @

End Date: 2022.10.30

Capacity: Last Calib.:

Tester:

Unit No:

8000.00 psig

2022.10.30

Start Date: 2022.10.30 Start Time: 06:09:05

End Time:

13:53:29

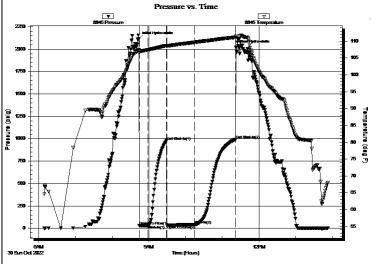
Time On Btm: 2022.10.30 @ 08:43:45

Time Off Btm: 2022.10.30 @ 11:23:00

PRESSURE SUMMARY

TEST COMMENT: IF: 1/2" blow.

ISI: No return. FF: No blow. FSI: No return.



Ī	Time	Pressure	Temp	Annotation			
	(Min.)	(psig)	(deg F)				
	0	2113.60	107.37	Initial Hydro-static			
	1	29.37	106.44	Open To Flow (1)			
	15	32.99	107.41	Shut-In(1)			
	46	976.83	108.65	End Shut-In(1)			
	46	34.17	108.45	Open To Flow (2)			
	92	40.29	109.65	Shut-In(2)			
,	159	992.57	111.14	End Shut-In(2)			
,	160	2022.17	111.42	Final Hydro-static			

#### Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud 100m (oil spots)	0.10
* Recovery from m	nultiple tests	

Gas Rat	Gas Rates				
Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)			

Ref. No: 69191 Printed: 2022.10.30 @ 14:37:23 Trilobite Testing, Inc



HG Oil Holdings, LLC

6 15s 34w Logan, Ks

211 SW 9th St Plainville, Ks 67663 **HPB #1-6** 

Tester:

Unit No:

Job Ticket: 69191

DST#: 2

3003.00 ft (KB)

2998.00 ft (CF)

ATTN: Mark Downing

Test Start: 2022.10.30 @ 05:49:00

**Bradley Walter** 

78

#### **GENERAL INFORMATION:**

Formation: Altamont A-B

Deviated: Whipstock: Test Type: Conventional Bottom Hole (Reset) ft (KB)

Time Tool Opened: 08:44:15 Time Test Ended: 13:33:30

Interval:

4237.00 ft (KB) To 4285.00 ft (KB) (TVD) Reference Bevations:

Total Depth: 4285.00 ft (KB) (TVD)

Hole Diameter: 788.00 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8319 Inside

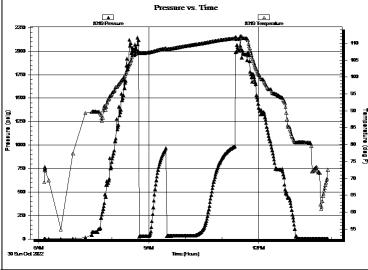
Press@RunDepth: 4238.00 ft (KB) 8000.00 psig psig @ Capacity:

Start Date: 2022.10.30 End Date: 2022.10.30 Last Calib.: 2022.10.30

Start Time: 06:09:05 End Time: Time On Btm: 13:53:44 Time Off Btm:

TEST COMMENT: IF: 1/2" blow.

ISI: No return. FF: No blow. FSI: No return.



P	RESSUF	RE SU	JMMAI	₹Y

	Time	Pressure	Temp	Annotation
,	(Min.)	(psig)	(deg F)	
;				
,				
Temperature (deg F)				
- Tatu				
œ				
J				

#### Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud 100m (oil spots)	0.10
* Recovery from mult	tiple tests	

#### Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Ref. No: 69191 Printed: 2022.10.30 @ 14:37:23 Trilobite Testing, Inc



**FLUID SUMMARY** 

HG Oil Holdings, LLC

6 15s 34w Logan, Ks

211 SW 9th St

HPB #1-6

Serial #:

Plainville, Ks 67663

Job Ticket: 69191

DST#: 2

ATTN: Mark Downing

Test Start: 2022.10.30 @ 05:49:00

#### **Mud and Cushion Information**

Mud Type:Gel ChemCushion Type:Oil API:0 deg APIMud Weight:9.00 lb/galCushion Length:ftWater Salinity:0 ppm

Viscosity: 59.00 sec/qt Cushion Volume: bbl

Water Loss: 7.99 in<sup>3</sup> Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 5000.00 ppm Filter Cake: 1.00 inches

#### **Recovery Information**

#### Recovery Table

Length ft		Description	Volume bbl
	20.00	mud 100m (oil spots)	0.098

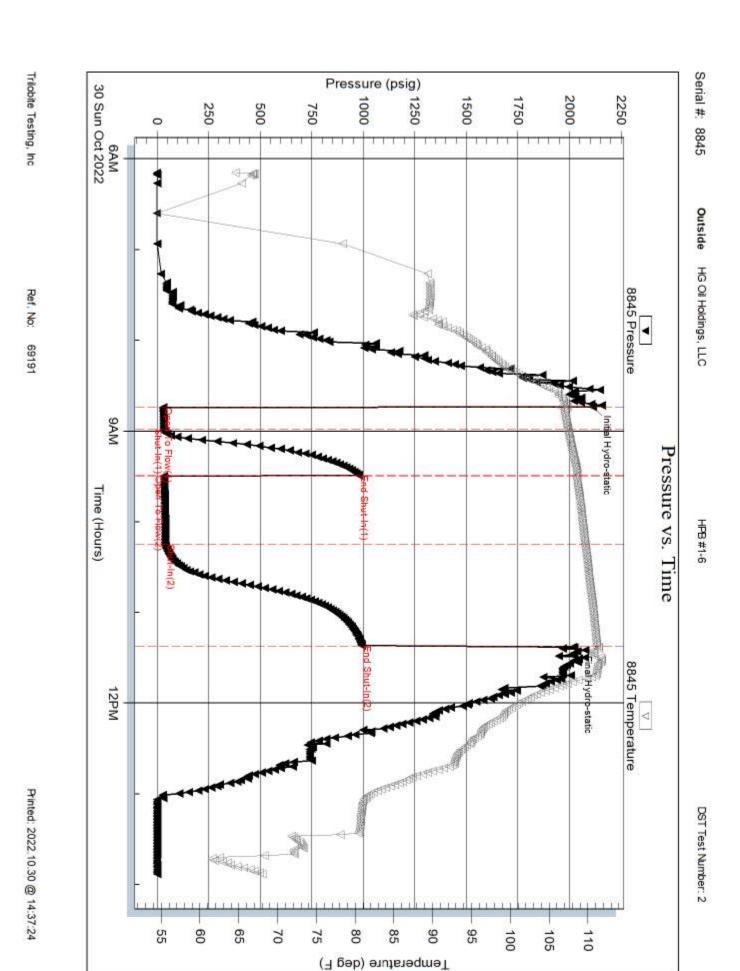
Total Length: 20.00 ft Total Volume: 0.098 bbl

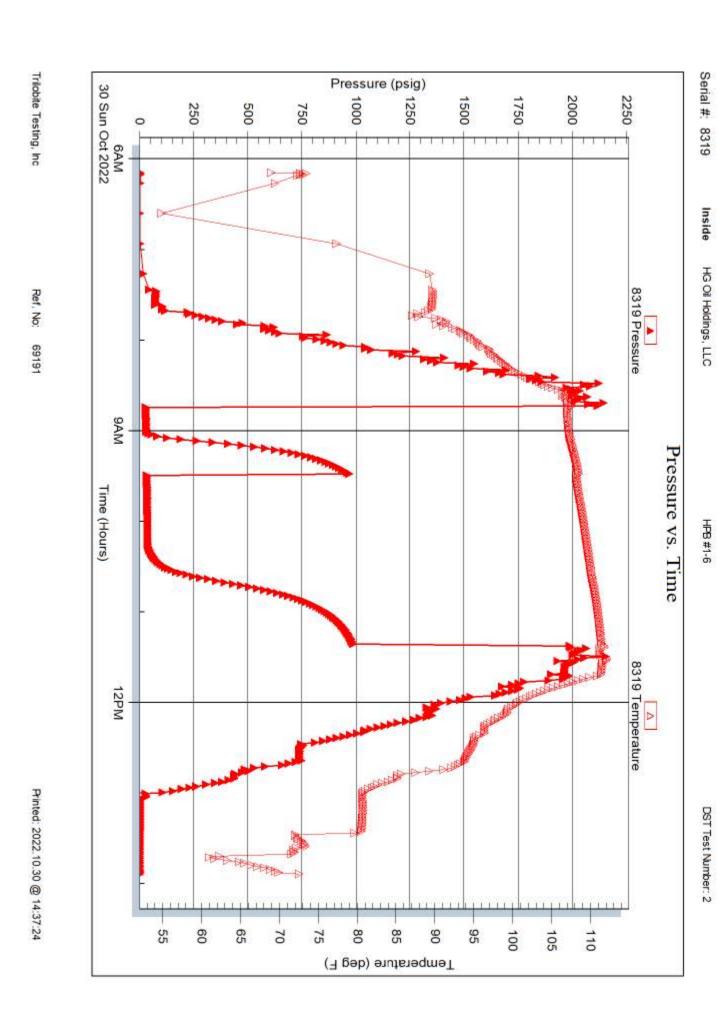
Num Fluid Samples: 0 Num Gas Bombs: 0

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 69191 Printed: 2022.10.30 @ 14:37:24







Remit To: Hurricane Services, Inc. 250 N. Water, Suite 200 Wichita, KS 67202

316-303-9515

Customer:

HG OIL HOLDINGS LLC PO BOX 446

HOISINGTON, KS 67544

10/23/2022 Invoice Date: 0364147 Invoice #: Lease Name: **HBP** Well #: 1-6 (New) Logan, Ks County: WP3543 Job Number: District: Oakley

Date/Description	HRS/QTY	Rate	Total			
Surface	0.000	0.000	0.00			
H-325	180.000	22.500	4,050.00			
Light Eq Mileage	50.000	2.000	100.00			
Heavy Eq Mileage	100.000	4.000	400.00			
Ton Mileage	425.000	1.500	637.50			
Depth Charge 0'-500'	1.000	1,000.000	1,000.00			
Cement Blending & Mixing	180.000	1.400	252.00			
Service Supervisor	1.000	275.000	275.00			
AND THE PROPERTY OF THE PROPER						

6.714.50 **Total** 

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 1/2% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.



Customer	H G Oil		Lease & Well #	HBP #1-6		THE COURT OF THE PARTY OF THE P	MANAGEMENT STREET, STR	Date	1	10/23/2022
Service District	Oakley KS		County & State	Logan KS	Legals S/T/R	6-15	S-34W	Job#		10/20/2022
Job Type	Surface	☑ PROD	ואו 🗌	SWD	New Well?	✓ YES	□No	Ticket#		WP 3543
Equipment#	Driver			Job Safe	ty Analysis - A Discus			SECRETARISM STATEMENT		
73	John	✓ Hard hat		✓ Gloves		Lockout/		☐ Warning S	ions & Flago	ina
528-520	Jose V	✓ H2S Monit	or	☑ Eye Prote	ction	Required	Diameter Control	Fall Protec		"'y
205	Kale	✓ Safety Foo	twear	Respirato	ry Protection	✓ Slip/Trip/I	Fall Hazards	✓ Specific Jo		Expectations
		✓ FRC/Protec		Additiona	I Chemical/Acid PPE	Overhead		✓ Muster Po		
		Hearing Pr	otection	✓ Fire Exting	guisher	Additiona	concerns or	issues noted belo		
			STATE OF THE STATE		Cor	mments			TOTAL SECTION ASSESSMENT OF THE PARTY OF THE	
Product/ Service Code		Des	scription		Unit of Measure	e Quantity				Net Amount
CP015	H-325	The Second Secon			sack	180.00				\$4,050.0
M015	Light Equipment				mi	50.00				\$100.0
M010	Heavy Equipmen	t Mileage			mi	100.00				\$400.0
	Ton Mileage				tm	425.00				\$637.5
	Depth Charge: 0'-				job	1.00				\$1,000.0
		& Mixing Service			sack	180.00				\$252.0
2061	Service Supervise	or			day	1.00				\$275.0
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	***************************************							-	-	
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	W									
Custon	ner Section: On t	he following scale I	now would you rate Hi	urricane Servic	es Inc.?				Net:	\$6,714.50
Dani	nd on this int	w likaha ia it		1011		Total Taxable	\$ -	Tax Rate:		
Dase		ow likely is it you	would recommend H	ISI to a colleag	a a	State tax laws dee used on new wells		lucts and services	Sale Tax:	\$ -
Unii	koly 1 2	3 4 5	6 7 8	9 10			s relies on the pove to make a	customer provided determination if	Total:	
					The second secon	Name and Address of the Owner, where the Owner,		John Polley	Total:	\$ 6,714.50

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due at the rate of 1 ½% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. DISCLAIMER NOTICE: Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

Χ	CUSTOMER AUTHORIZATION SIGNATURE



Customer
County   Logan KS   Date:   10/23/2022
Downhole Information   Hole Size:   12 1/4 in   Hole Depth:   263 ft   Weight:   14.8 ppg   Water / Sx:   5.9 gal / sx   Yield:   1.41 ft² / sx
Downhole Information
Hole   Size   12 1/4 in   Blend:   Blend:   H-325   Blend:
Hole   Depth:   263 ft   Weight:   14.8 ppg   Water / Sx;   Sx   Yield:   1.41 ft² / sx   Yield:   1.41 ft² / sx   Yield:   1.42 ft² / sx   Yield:
Casing Size: 8 5/8 in         Weight: 14.8 ppg         Weight: Appg         Water / Sx: Appg / Sx         Yield: 1.41 ft³ / sx         Annular Bbls / ft.: bbs / ft.         Depth: ft         Annular Volume: 19.3 bbls         Excess: 125%         Excess: Total Slurry: O.0 bbls           Total Slurry: Afs. BBLs         Total Slurry: Afs. BBLs         REMARKS         Total Slurry: O.0 bbls         Total Slurry: O.0 bbls         Total Slurry: O.0 bbls         Total Squrry: O.0 bbls         Total Squrry: O.0 bbls         Total Squrry: O.0 bbls         Total Squrry: O.0 bbls
Casing Depth:   263 ft   Face   Fac
Annular Bbls / Ft.   Depth:   Ft   Depth:   263 ft   Depth:   19.3 bbls   Ft.   Depth:   19.3 bbls   Ft.   Depth:   19.3 bbls   Excess:   125%   Excess:   125%   Excess:   Total Slurry:   45.2 bbls   Total Slurry:   45.2 bbls   Total Slurry:   0.0 bbls   Total Slurry:   0.0 bbls   Total Slurry:   180 sx   Total Slurry:   0.0 bbls   0.0 bbls   0.0 bbls   0.0 bbls   0.0 bbls   0.0 bbls   0.0 bbls
Depth:   ft
Annular Volume
Total Slurry:   African   African
Total Slurry:   45.2 bbls   Total Slurry:   45.2 bbls   Total Slurry:   0.0 bbls
STAGE   TOTAL   Total Sacks:   180 sx   Total Sacks:   0 sx
12:30 PM         -         -         -         Arrived on location           12:40 PM         -         -         -         Arrived on location           12:50 PM         -         -         Safety meeting           12:50 PM         -         Rigged up           348p         -         Casing on bottm           350p         -         Circulate mud           359p         3.0         50.0         5.0         Water ahead           402p         4.7         125.0         45.2         50.2         Mixed 180 sks H-325 cement 14.8 ppg           418p         -         65.7         Begin Displacement           420p         -         65.7         Wash up/rig down
12:40 PM
12:50 PM
348p - Casing on bottm  350p - Circulate mud  359p 3.0 50.0 5.0 5.0 Water ahead  402p 4.7 125.0 45.2 50.2 Mixed 180 sks H-325 cement 14.8 ppg  414p 4.0 100.0 15.5 65.7 Begin Displacement  418p - 65.7 Plug down shut in with 2 bbls cement in cellar
350p - Circulate mud  359p 3.0 50.0 5.0 5.0 Water ahead  402p 4.7 125.0 45.2 50.2 Mixed 180 sks H-325 cement 14.8 ppg  414p 4.0 100.0 15.5 65.7 Begin Displacement  418p 65.7 Plug down shut in with 2 bbls cement in cellar  420p 65.7 Wash up/rig down
359p 3.0 50.0 5.0 5.0 Water ahead  402p 4.7 125.0 45.2 50.2 Mixed 180 sks H-325 cement 14.8 ppg  414p 4.0 100.0 15.5 65.7 Begin Displacement  418p 65.7 Plug down shut in with 2 bbls cement in cellar  420p 65.7 Wash up/rig down
402p 4.7 125.0 45.2 50.2 Mixed 180 sks H-325 cement 14.8 ppg 414p 4.0 100.0 15.5 65.7 Begin Displacement 418p 65.7 Plug down shut in with 2 bbls cement in cellar 420p 65.7 Wash up/rig down
414p 4.0 100.0 15.5 65.7 Begin Displacement 418p 65.7 Plug down shut in with 2 bbls cement in cellar 420p 65.7 Wash up/rig down
418p 65.7 Plug down shut in with 2 bbls cement in cellar 420p 65.7 Wash up/rig down
420p 65.7 Wash up/rig down
500
CREW UNIT SUMMARY
Cementer: John 73
Ullip Operator: Jose V 528-520 3.9 bpm 92 psi 92 psi 95 bble
Bulk #1: Kale 205 Bulk #2:

ftv: 15-2021/01/25 mplv: 339-2022/10/05



Remit To: Hurricane Services, Inc. 250 N. Water, Suite 200 Wichita, KS 67202 316-303-9515

Customer:

HG OIL HOLDINGS LLC PO BOX 446 HOISINGTON, KS 67544

11/1/2022 Invoice Date: 0364410 Invoice #: **HBP** Lease Name: 1-6 Well #: Logan, Ks County: WP3575 Job Number: Oakley District:

			NAME OF TAXABLE PARTY.	
Date/Description	HRS/QTY	Rate	Total	
	0.000	0.000	0.00	
PTA	240.000	14.000	3,360.00	
H-Plug	1.000	175.000	175.00	
Wooden plug 8 5/8"	50.000	2.000	100.00	
Light Eq Mileage	100.000	4.000	400.00	
Heavy Eq Mileage	565.000	1.500	847.50	
Ton Mileage	1.000	2,000.000	2,000.00	
Depth Charge 2001'-3000'	240.000	1.400	336.00	
Cement Blending & Mixing	1.000	275.000	275.00	
Service Supervisor	2.000	300.000	600.00	
Cement Service-After 4 Hours	2.000	10-100 at 1015 1015 1015 1015 1015		

30606

8.093.50 Net Invoice 517.39 Sales Tax: 8,610.89 **Total** 

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 1/2% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

Hurricane Services, Inc. 250 N. Water St., Suite #200 Wichita, KS 67202



Customer	H G Oil		Lea	se & Well #	# НВР	#1-6					Date	1	1/1/2022
Service District	Oakley KS		Cou	nty & State	Loga	n KS	15	Legals S/T/R	6-155	5-34W	Job#		
Job Type	РТА	✓ PROD		A)	☐ S	WD		New Well?	✓ YES	☐ No	Ticket#	V	VP 3575
Equipment#	Driver				J	b Safe	ty Anal	ysis - A Discus	sion of Hazard	s & Safety Pı	rocedures		
73	John	✓ Hard h	at		√ G	loves			Lockout/T	agout	☐ Warning Sig	ns & Flaggin	g
208	Jose V	✓ H2S M	onitor		✓ E	e Prote	ction		Required	Permits	Fall Protection	on	
194-235	Kale	✓ Safety	Footwear		R	espirato	ry Prote	ection	✓ Slip/Trip/F	all Hazards	✓ Specific Job	Sequence/Ex	pectations
		FRC/Pr	otective Cloti	hing	A	dditiona	I Chem	ical/Acid PPE	✓ Overhead	Hazards	✓ Muster Poin	t/Medical Loc	ations
		Hearin	g Protection		√ Fi	re Extin	guisher		Additiona	concerns or	issues noted below	/	
*******************						ARREST DE LOS DELOS DE LOS DE		Coi	mments				
Product/ Service													
Code	LL Divis A		Description			10		Jnit of Measure	1	J	1	I	Net Amount
CP055 FE290	H-Plug A 8 5/8" Wooden P	lua					-	sack	240.00		<del> </del>		\$3,360.00
M015	Light Equipment						+	ea mi	50.00			-	\$175.00 \$100.00
M010	Heavy Equipmen						-	mi	100.00				\$400.00
M020	Ton Mileage	i mougo					$\neg$	tm	565.00				\$847.50
D013	Depth Charge: 20	001'-3000'					_	job	1.00				\$2,000.00
C060	Cement Blending		rice					sack	240.00				\$336.00
R061	Service Supervis							day	1.00				\$275.00
C030	Cement Service -	- After 4 Hrs or	Location					hr	2.00	)			\$600.00
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Custo	omer Section: On	the following s	cale how wo	uld you rate	Hurrica	ne Serv	ices Inc	:.?				Net:	\$8,093.50
									Total Taxable	\$ -	Tax Rate:		><
Ва	ased on this job, h	now likely is it	you would r	recommen	d HSI to	a colle	ague?		used on new we Hurricane Service	lls to be sales to ses relies on the	e customer provided	Sale Tax:	\$ -
L	Unlikely 1 2	3 4	5 6	7 8	9	10	Extrem	nely Likely	well information services and/or		a determination if x exempt.	Total:	\$ 8,093.50
TTDMO. O1 '		- Carda	I ION La		<b>SEPANNICA</b>			5 - 1 - 5	HSI Repres		John Polley		

Interest Cash in a dvarince unless intrincate Services inc. (ris) has approved creat prior to saie. Create the collection and a data accounts shall pay interest on the balance past due at the rate of 1 1/4% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. <u>DISCLAIMER NOTICE</u>: Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

**CUSTOMER AUTHORIZATION SIGNATURE** 

ftv: 15-2021/01/25 mplv: 339-2022/10/05



EMEN	T TR	EATME	NT REP	ORT				
Cus	tomer	H G Oil			Well:	HBP #1-6	Ticket	
City,	State	Russel	l Springs	s KS	County:	The state of the s		
		Justin			S-T-R:	Logan KS 6-15S-34W		
					5-1-k;	0-105-341	Service:	PTA
Dow	nhole	Informati	ion		Calculated S	lurry - Lead	Col	out to d Ot
Hole	e Size	7 7/8	in .		Blend:	H-Plug A	Blend:	culated Slurry - Tail
Hole			ft		Weight:	13.8 ppg	Weight:	
Casing			in		Water / Sx:	6.9 gal / sx	Water / Sx:	ppg gal/sx
Casing I			ft		Yield:	1.42 ft <sup>3</sup> / sx	Yield:	ft³/sx
Tubing /			in		Annular Bbls / Ft.:	0.0406 bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
	Depth:		ft		Depth:	2350 ft	Depth:	ft
Tool / Pa					Annular Volume:	95.4 bbls	Annular Volume:	0 bbls
	Depth:		ft		Excess:		Excess:	
Displace	amelm#		bbis		Total Slurry:	60.6 bbls	Total Slurry:	0.0 bbls
TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	Total Sacks: REMARKS	240 sx	Total Sacks:	0 sx
2:50 AM			- T	_	Arrived on location			
3:00 AM					Safety meeting			
3:10 AM				-	Rigged up			
7:18 AM	3.4	300.0	5.0	5.0	Water ahead			
7:20 AM	3.0	250.0	12.6	17.6	Mixed 50 sacks H-Plug A	cement 13,8 ppg @ 2350'		
7:25 AM	3.0	150.0	5.0	22.6	Begin displacement	1106-111		
7:29 AM				22.6	Pumped mud using rig p	ump for 1:45 minutes		
				22.6				
8:22 AM	3.0	250.0	5.0	27.6	Water ahead			
8:24 AM		350.0	25.2	52.8	Mixed 100 sacks H-Plug	A cement 13.8 ppg @ 1200'		
8:30 AM	3.0	100.0	9.0	61.8	Begin displacement			
0.44 488								
9:11 AM 3		150.0	5.0		Water ahead			
9:16 AM 3	-	200.0	0.5		Mixed 50 sacks H-Plug A	cement 13.8 ppg @ 320'		
3.10 AW	3.0	100,0	0.5		Begin displacement			
10:09 AM 2	2.0	100.0	2.5		Mixed 40 eachs II Di			
10:14 AM 3	-	100.0	7.5		Mixed 10 sacks H-Plug A  Mixed 30 sacks H-Plug A	cement with wooden plug for to	op 40'	
10:17 AM					Plug down	coment for rat hole plug		
10:19 AM	4.1				Washed up and rigged do	own		
10:38 AM					Left location			
								W.
111								
		CREW			UNIT		SUMMARY	
Ceme		John			73	Average Rate	Average Pressure	Total Fluid
Pump Oper	ator: k #1:	Jose V			208	3.4 bpm	186 psi	90 bbls
		Kale			194-235	- Company of the Comp		

ftv: 15-2021/01/25 mplv: 339-2022/10/05