



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1316026
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., 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 Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
-----------------------------------	-----------------	---

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

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
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1316026

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input 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

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	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: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	--	---

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	HABIGER 1-28
Doc ID	1316026

Tops

Name	Top	Datum
ANHYDRITE	2285	+656
BASE ANHYDRITE	2305	+636
STOTLER	3513	-572
HEEBNER	3894	-953
LANSING	3934	-993
STARK	4205	-1264
HUSHPUCKNEY	4246	-1305
BASE KANSAS CITY	4288	-1347
MARMATON	4322	-1381



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: 1-28HBGRDST1

TIME ON: 0630
TIME OFF: 1400

Company L.D. DRILLING, INC. Lease & Well No. #1-28 HABIGER
Contractor L.D.DRILLING,INC.RIG 1 Charge to L.D. DRILLING, INC.
Elevation 2941 KB Formation _____ L/KC'E' Effective Pay _____ Ft. Ticket No. M831
Date 7/24/2016 Sec. 28 Twp. _____ 17 S Range _____ 31 W County SCOTT State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 4017 ft. to 4035 ft. Total Depth 4035 ft.
Packer Depth 4012 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4017 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 3999 ft. Recorder Number 5448 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4019 ft. Recorder Number 0063 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth 4032 ft. Recorder Number 6884 Cap. 6,275 P.S.I.

Mud Type CHEM Viscosity 53 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3,300 P.P.M. Drill Pipe Length 3985 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 3 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 18 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB, BUILT TO 1" (NO BB)
2nd Open: WSB, BUILT TO 1/2" (NO BB)

Recovered 30 ft. of VSOSGM 1% GAS, 99% MUD W/ A VERY THIN SCUM OF OIL
Recovered 30 ft. of TOTAL FLUID
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>1% GAS, 99% MUD W/ A THICK SCUM OF OIL</u>	Total

Time Set Packer(s) 9:45 A.M. ^{A.M.}/_{P.M.} Time Started Off Bottom 11:45 A.M. ^{A.M.}/_{P.M.} Maximum Temperature 124°F

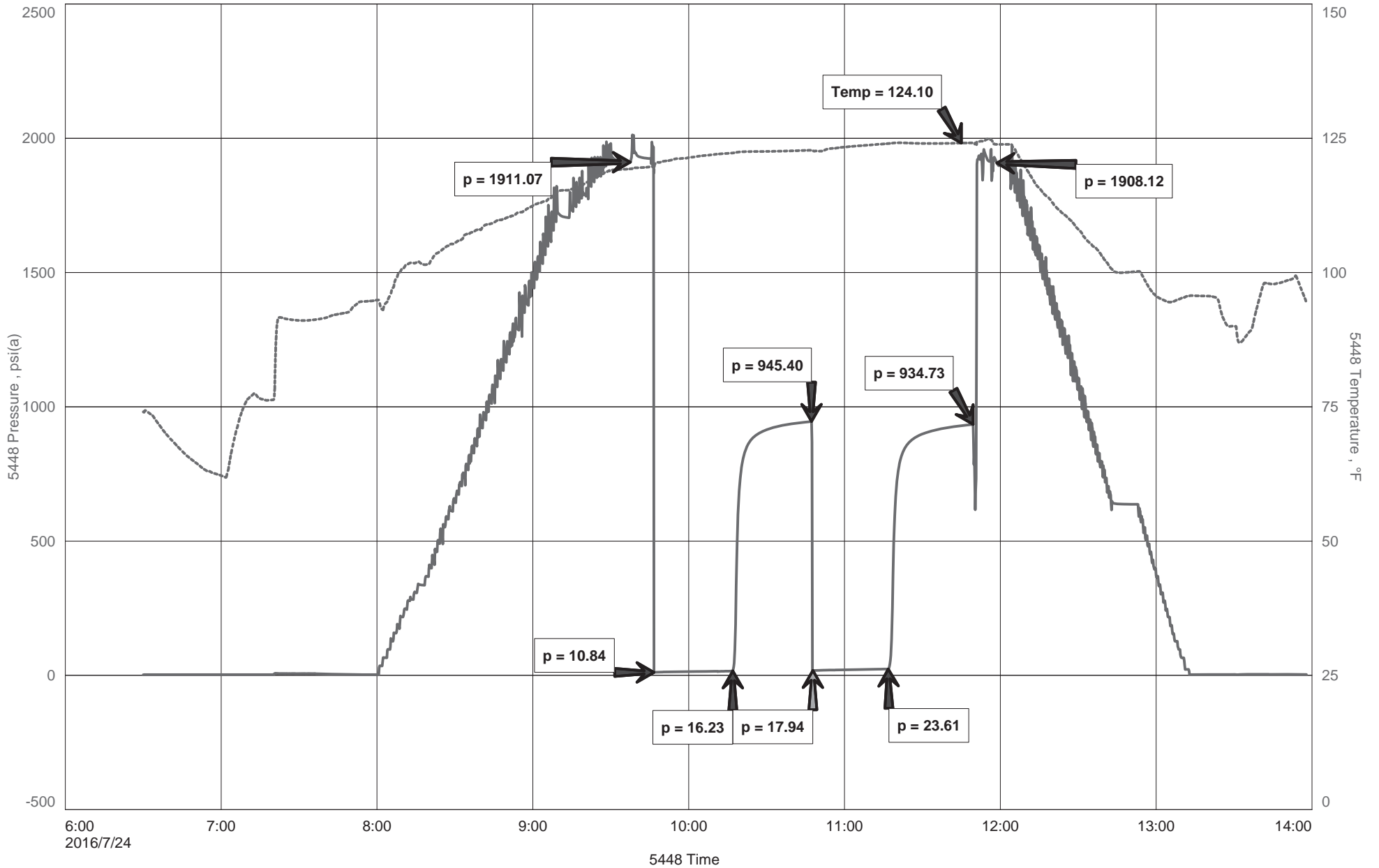
Initial Hydrostatic Pressure..... (A) 1911 P.S.I.
Initial Flow Period..... Minutes 30 (B) 11 P.S.I. to (C) 16 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 945 P.S.I.
Final Flow Period..... Minutes 30 (E) 18 P.S.I. to (F) 24 P.S.I.
Final Closed In Period..... Minutes 30 (G) 935 P.S.I.
Final Hydrostatic Pressure..... (H) 1908 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

L.D. DRILLING, INC.
DST#1 4017-4035 L/KC'E'
Start Test Date: 2017/07/24
Final Test Date: 2017/07/24

#1-28 HABIGER
Formation: DST#1 4017-4035 L/KC'E'
Pool: WILDCAT
Job Number: M831

#1-28 HABIGER



DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	L.D. DRILLING, INC.	Job Number	M831
Well Name	#1-28 HABIGER	Representative	MIKE COCHRAN
Unique Well ID	DST#1 4017-4035 L/KC'E'	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.28-17S-31W SCOTT CO.KS.	Report Date	2017/07/24
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
		Test Unit	NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#1 4017-4035 L/KC'E'		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2017/07/24	Start Test Time	06:30:00
Final Test Date	2017/07/24	Final Test Time	14:00:00
		Well Fluid Type	01 Oil
Gauge Name	5448		
Gauge Serial Number			

Test Results

Remarks **RECOVERED:**
30' VSOSGM 1% GAS, 99% MUD W/ A VERY THIN SCUM OF OIL
30' TOTAL FLUID

TOOL SAMPLE: 1% GAS, 99% MUD W/ A THICK SCUM OF OIL



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: 1-28HBGRDST2

TIME ON: 0850
TIME OFF: 1600

Company L.D. DRILLING, INC. Lease & Well No. #1-28 HABIGER
Contractor L.D.DRILLING,INC.RIG 1 Charge to L.D. DRILLING, INC.
Elevation 2941 KB Formation L/KC 'L' ZONE Effective Pay _____ Ft. Ticket No. M832
Date 7/25/2016 Sec. 28 Twp. _____ 17 S Range _____ 31 W County SCOTT State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 4245 ft. to 4270 ft. Total Depth 4270 ft.

Packer Depth 4240 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Packer Depth 4245 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4227 ft. Recorder Number 5448 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 4247 ft. Recorder Number 0063 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth 4267 ft. Recorder Number 6884 Cap. 6,275 P.S.I.

Mud Type CHEM Viscosity 57 Drill Collar Length 0 ft. I.D. 2 1/4 in.

Weight 9.3 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in

Chlorides 4,000 P.P.M. Drill Pipe Length 4213 ft. I.D. 3 1/2 in

Jars: Make STERLING Serial Number 3 Test Tool Length 32 ft. Tool Size 3 1/2-IF in

Did Well Flow? NO Reversed Out NO Anchor Length 25 ft. Size 4 1/2-FH in

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in

Blow: 1st Open: WSB, INCREASED TO 1 3/4" (NO BB)

2nd Open: VWSB, INCREASED TO 1" (NO BB)

Recovered 10 ft. of GO 100% GASSY OIL GRAVITY: 34.9 @ 60°

Recovered 18 ft. of GOCM 4% GAS, 7% OIL, 89% MUD

Recovered 28 ft. of TOTAL FLUID

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

TOOL SAMPLE: 2% GAS, 14% OIL, 2% WTR, 82% MUD

Time Set Packer(s) 11:00 A.M. A.M. Time Started Off Bottom 2:00 P.M. P.M. Maximum Temperature 127°F

Initial Hydrostatic Pressure..... (A) 2047 P.S.I.

Initial Flow Period..... Minutes 30 (B) 13 P.S.I. to (C) 17 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 723 P.S.I.

Final Flow Period..... Minutes 45 (E) 18 P.S.I. to (F) 22 P.S.I.

Final Closed In Period..... Minutes 60 (G) 677 P.S.I.

Final Hydrostatic Pressure..... (H) 2018 P.S.I.

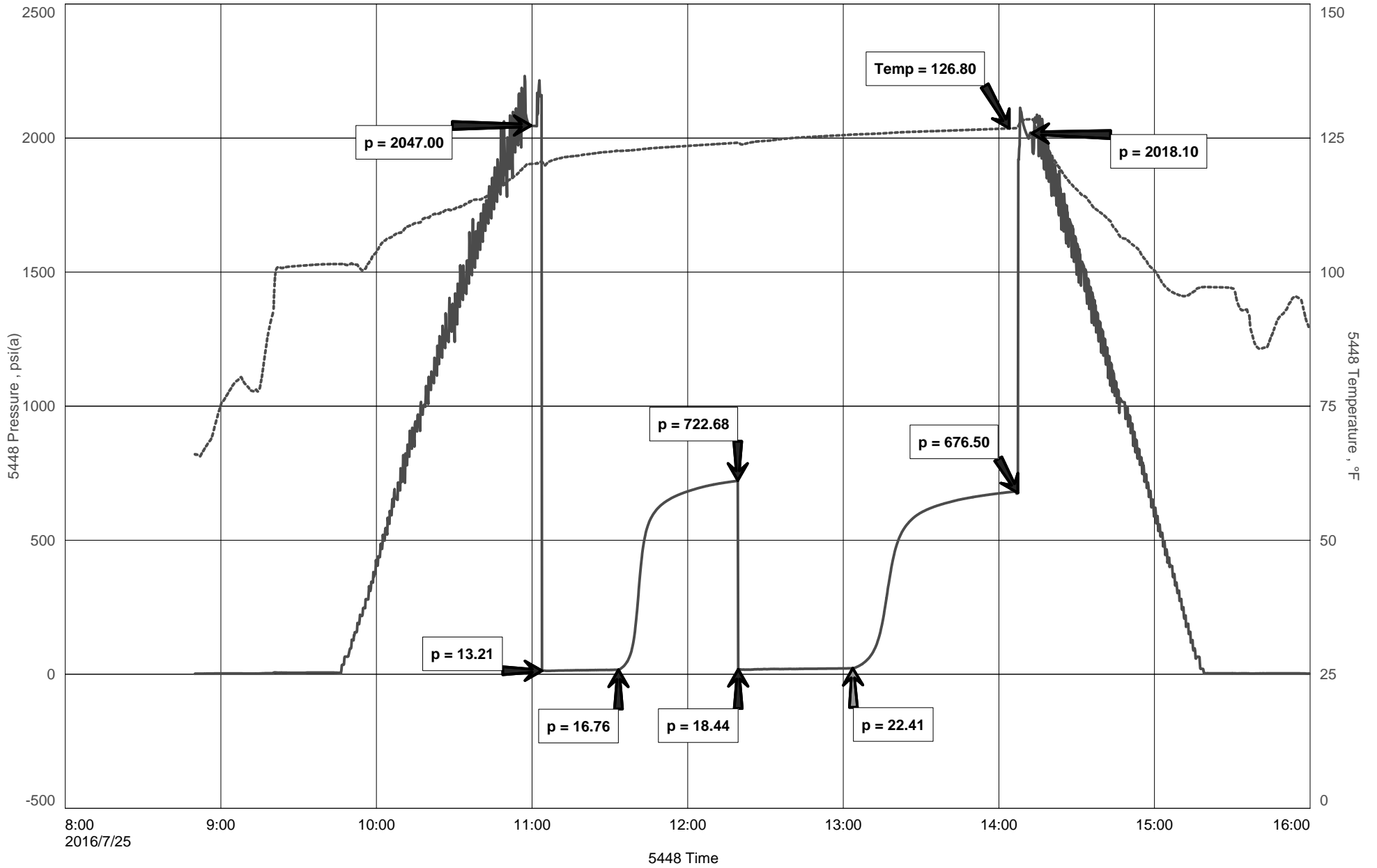
Price Job
Other Charges
Insurance
Total

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

L.D. DRILLING, INC.
DST#2 4245-4270 L/KC'L' ZONE
Start Test Date: 2016/07/25
Final Test Date: 2016/07/25

#1-28 HABIGER
Formation: DST#2 4245-4270 L/KC'L' ZONE
Pool: WILDCAT
Job Number: M832

#1-28 HABIGER



DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	L.D. DRILLING, INC.	Job Number	M832
Well Name	#1-28 HABIGER	Representative	MIKE COCHRAN
Unique Well ID	DST#2 4245-4270 L/KC'L' ZONE	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.28-17S-31W SCOTT CO.KS.	Report Date	2016/07/25
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
		Test Unit	NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#2 4245-4270 L/KC'L' ZONE		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2016/07/25	Start Test Time	08:50:00
Final Test Date	2016/07/25	Final Test Time	16:00:00
		Well Fluid Type	01 Oil
Gauge Name	5448		
Gauge Serial Number			

Test Results

Remarks RECOVERED:
10' GO 100% GASSY OIL
18' GOCM 4% GAS, 7% OIL, 89% MUD
28' TOTAL FLUID

GRAVITY: 34.9 @ 60 DEG

TOOL SAMPLE: 2% GAS, 14% OIL, 2% WTR, 82% MUD



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: 1-28HBGRDST3

TIME ON: 1640
TIME OFF: 2305

Company L.D. DRILLING, INC. Lease & Well No. #1-28 HABIGER
Contractor L.D.DRILLING,INC.RIG 1 Charge to L.D. DRILLING, INC.
Elevation 2941 KB Formation L/KC'H' ZONE STRADDLE Effective Pay _____ Ft. Ticket No. M833
Date 7/25/2016 Sec. 28 Twp. _____ 17 S Range _____ 31 W County SCOTT State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 3 Interval Tested from 4114 ft. to 4137 ft. Total Depth 4270 ft.

Packer Depth 4109 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Packer Depth 4114 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4096 ft. Recorder Number 5448 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 4131 ft. Recorder Number 6884 Cap. 6,275 P.S.I.

Below Straddle Recorder Depth 4267 ft. Recorder Number 0063 Cap. 5,000 P.S.I.

Mud Type CHEM Viscosity 57 Drill Collar Length 0 ft. I.D. 2 1/4 in.

Weight 9.3 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 4,000 P.P.M. Drill Pipe Length 4082 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number 3 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 23 ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: SSB, BUILT TO 1 3/4" (NO BB)

2nd Open: NO BLOW (NO BB)

Recovered 15 ft. of GM 1% GAS, 99% MUD

Recovered 15 ft. of TOTAL FLUID

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: BELOW STRADDLE PSI: 1077

TOOL SAMPLE: 5% OIL, 95% MUD

Time Set Packer(s) 6:30 P.M. A.M. Time Started Off Bottom 8:30 P.M. P.M. Maximum Temperature 127°F

Initial Hydrostatic Pressure..... (A) 1963 P.S.I.

Initial Flow Period..... Minutes 30 (B) 22 P.S.I. to (C) 21 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 572 P.S.I.

Final Flow Period..... Minutes 30 (E) 21 P.S.I. to (F) 22 P.S.I.

Final Closed In Period..... Minutes 30 (G) 453 P.S.I.

Final Hydrostatic Pressure..... (H) 1945 P.S.I.

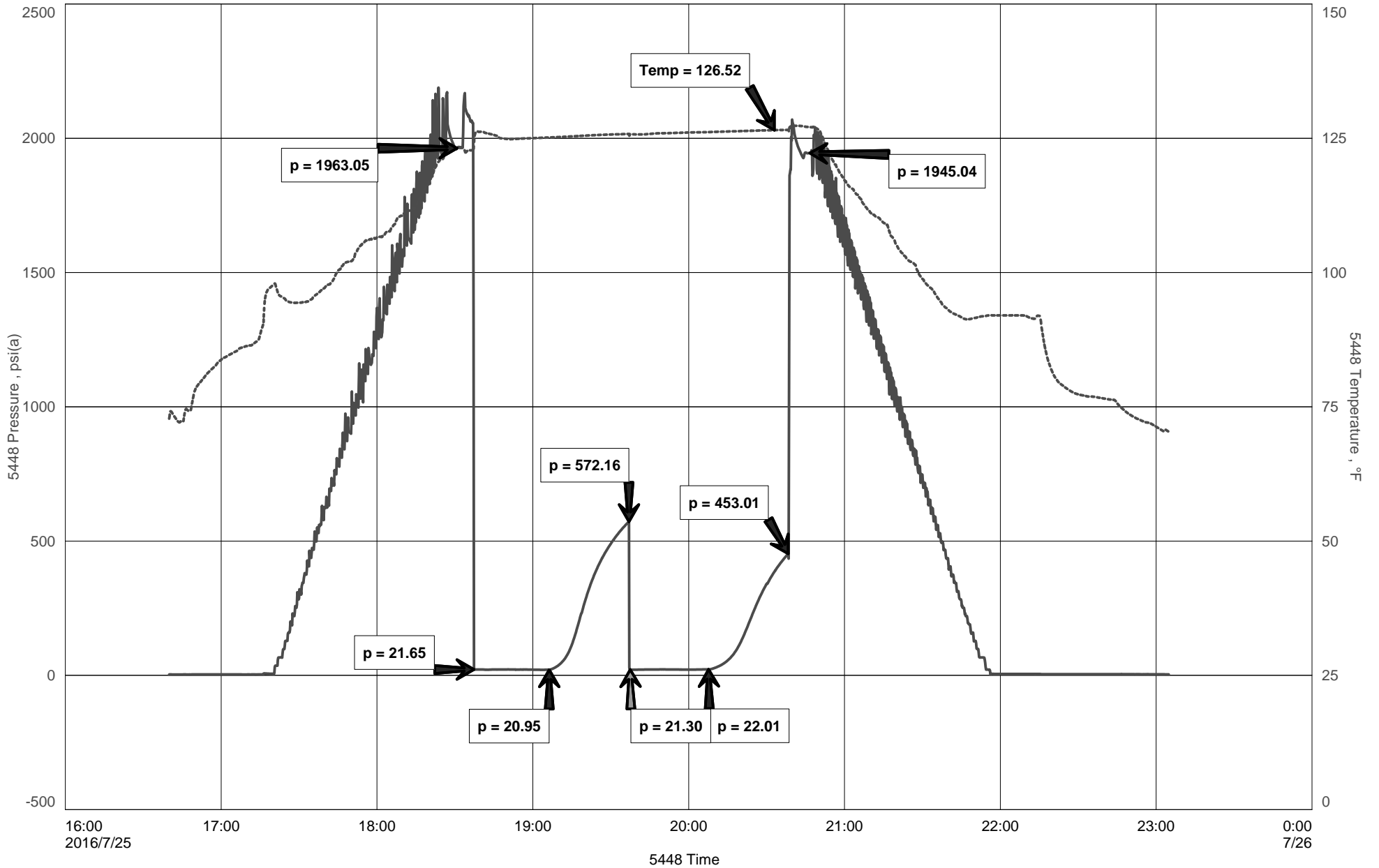
Price Job
Other Charges
Insurance
Total

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

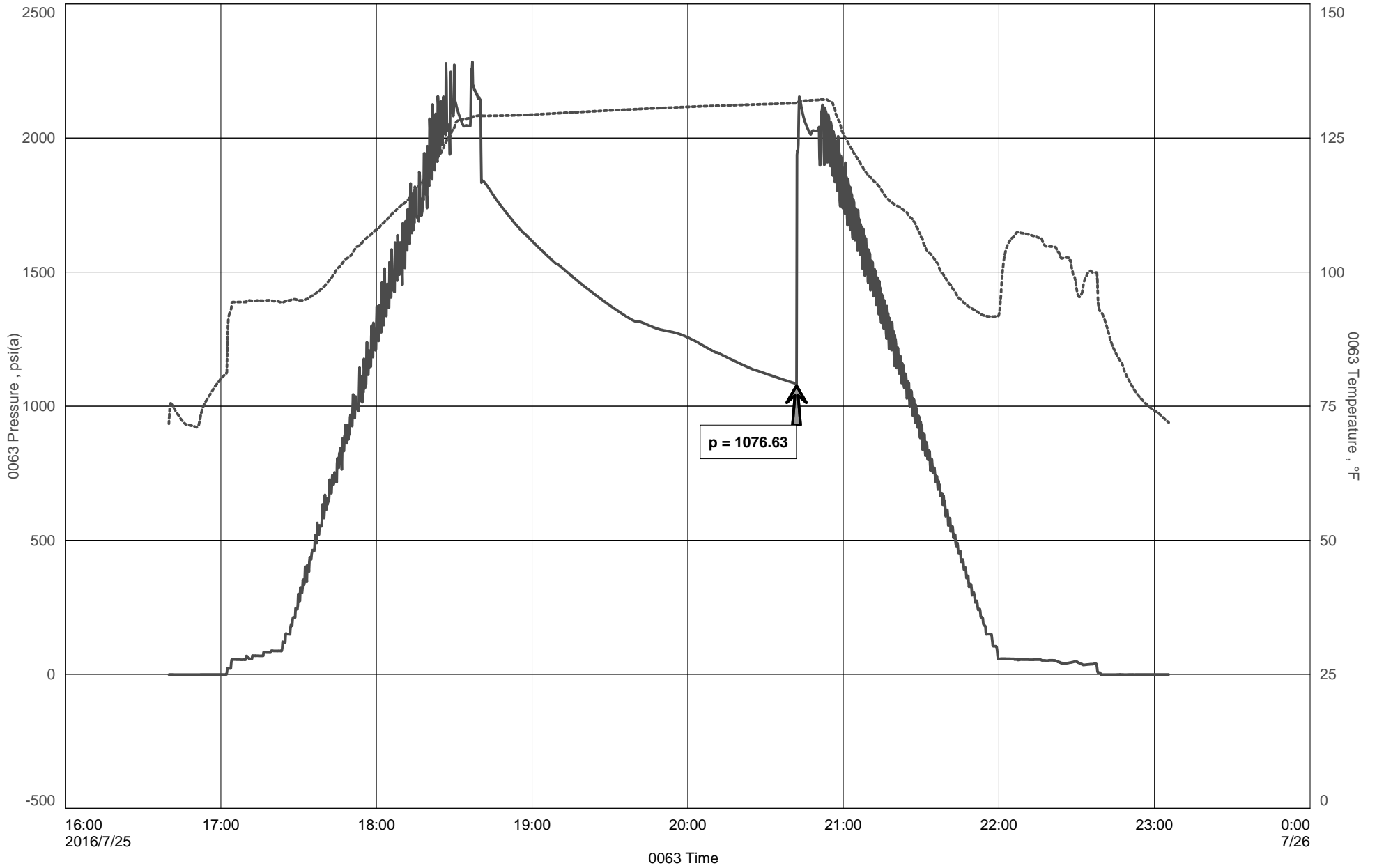
L.D. DRILLING, INC.
DST#3 4114-4137 L/KC'H' ZONE STRADDLE
Start Test Date: 2016/07/25
Final Test Date: 2016/07/25

#1-28 HABIGER
Formation: DST#3 4114-4137 L/KC'H' ZONE STRADDLE
Pool: WILDCAT
Job Number: M833

#1-28 HABIGER



BELOW STRADDLE



DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	L.D. DRILLING, INC.	Job Number	M833
Well Name	#1-28 HABIGER	Representative	MIKE COCHRAN
Unique Well ID	DST#3 4114-4137 L/KC'H' ZONE STRADDLE	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.28-17S-31W SCOTT CO.KS.	Report Date	2016/07/25
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
		Test Unit	NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#3 4114-4137 L/KC'H' ZONE STRADDLE		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2016/07/25	Start Test Time	16:40:00
Final Test Date	2016/07/25	Final Test Time	23:05:00
		Well Fluid Type	01 Oil
Gauge Name	5448		
Gauge Serial Number			

Test Results

Remarks RECOVERED:
15' GM 1% GAS, 99% MUD
15' TOTAL FLUID

TOOL SAMPLE: 5% OIL, 95% MUD

KIM B. SHOEMAKER

CONSULTING GEOLOGIST

376-684-9709 * WICHITA, KS

GEOLOGIST'S REPORT

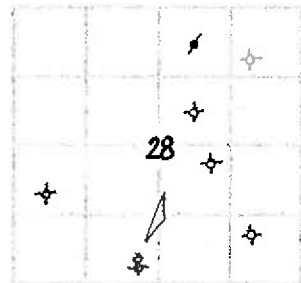
DRILLING TIME AND SAMPLE LOG

COMPANY L.D. DRILLING, INC.
 LEASE # 1-28 HABIGER
 FIELD WILDCAT
 LOCATION 330' FSL ± 2310' FWL
 SEC 28 TWP. 17s RGE 31w
 COUNTY SCOTT STATE KANSAS
 CONTRACTOR L.D. DRILLING, INC.
 SPUD 7-18-16 COMP 7-26-16
 RTO 4370 LTD
 MUD UP 3479 TYPE MUD CHEMICAL

ELEVATIONS
 KB 2941
 OF
 GL 2936
 Measurements Are All From 2941 KB
 CASING SURFACE 8 5/8" @ 356'
 PRODUCTION
 ELECTRICAL SURVEYS
NONE

SAMPLES SAVED FROM 3700 TO 4370
 DRILLING TIME KEPT FROM 3400 TO 4370
 SAMPLES EXAMINED FROM 3700 TO 4370
 GEOLOGICAL SUPERVISION FROM 3800 TO 4370
 GEOLOGIST ON WELL KIM B. SHOEMAKER

FORMATION TOPS	LOG	SAMPLES
ANHYDRITE		2285+656
B/ANH.		2305+636
STOTLER		3513-572
HEEBNER		3894-953
LANSING		3934-993
STARK		4205-1264
HUSHPICKNEY		4246-1305
B/KC		4288-1347
MARMATON		4322-1381



REMARKS
 7-18-16 SPUD
 7-19 @ 360'
 7-20 @ 1745'
 7-21 @ 2835'
 7-22 @ 3400'
 7-23 @ 3785'
 7-24 @ 4035'
 7-25 @ 4270'
 7-26 @ 4332'

API: 15-171-21167

LEGEND

- Dolomite
- Chert
- Gypsiferous
- Limestone
- Dark sh
- Shale
- Sandstone
- Salt
- Anhydrite

DRILLING TIME IN MINUTES PER FOOT

Note of Penetration Increases

DEPTH 2250 2300 2350

REMARKS

SAMPLE DESCRIPTIONS

ANHYDRITE 2285+656

B/ANH 2305+636

LITHOLOGY

3400

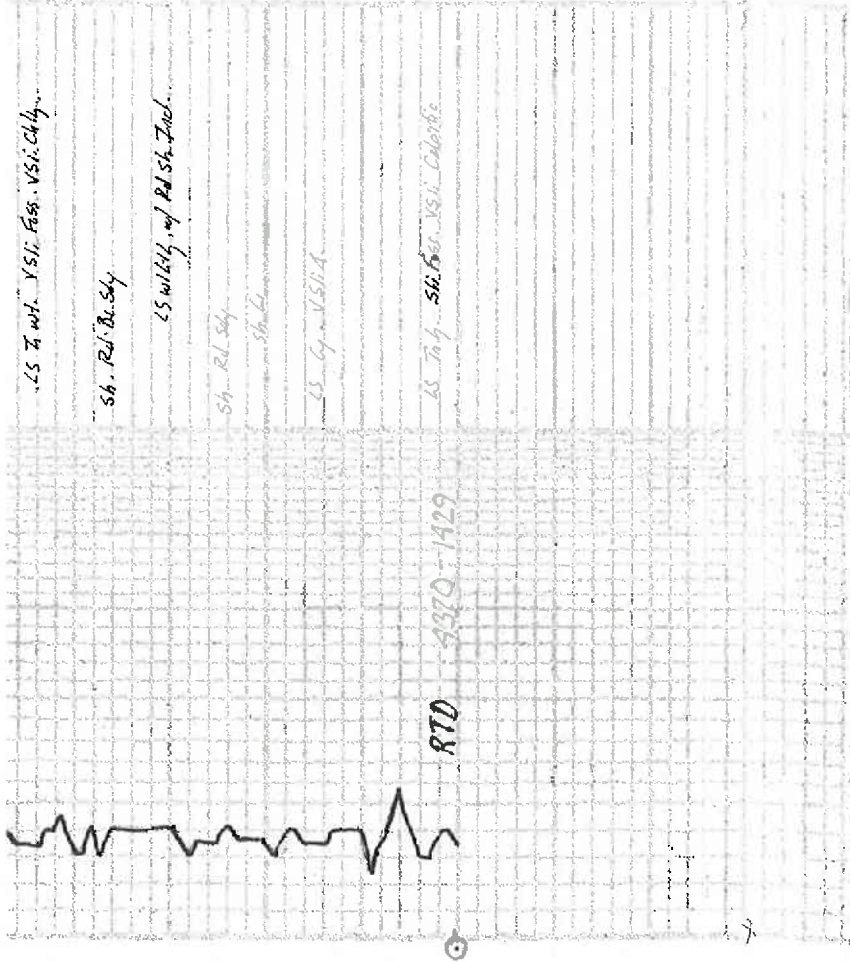
3600

3600

STOTLER 3513-572

Samples are logged
15 at Pass 51.4





LS To WH. YSLI. Fes. VSLI. Chy.

SA. RL. BL. Sky

ES with/ w/ RL. St. Tad.

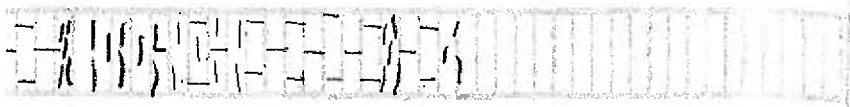
Sh. RL. Sky

LS. G. VSLI. A

LS. To. Chy. SA. Fes. VSLI. Chy. C. 142

RTD 142

440





BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 13951 A

DATE _____ TICKET NO. _____

DATE OF JOB: 7-26-16		DISTRICT: Pratt		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: LD Drilling inc				LEASE: Habis				WELL NO.: 128	
ADDRESS:				COUNTY: Scott		STATE: KS			
CITY:				STATE:		SERVICE CREW: MATTAL, SPARK, ADAMS			
AUTHORIZED BY:				JOB TYPE: CNW plus no abandon					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
21010	1.5	20920				7-26-16		PM	10:30
						ARRIVED AT JOB		AM	7:45
						START OPERATION		AM	4:40
						FINISH OPERATION		AM	7:55
						RELEASED		AM	8:30
						MILES FROM STATION TO WELL			100

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 those 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 the written consent of an officer of Basic Energy Services LP.

SIGNED: [Signature]
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP103	60/40 P02	SM	270		3,240.00
CC102	Cellofina	lb	68		251.60
CC200	CMT Sol	lb	466		116.50
E100	P.U. miles	mi	100	1	450.00
E101	heavy eq. miles	mi	200	1	1,500.00
E113	PROP + bulk Del.	TR	1165	1	2,912.50
CE203	DEPTH charge 2000-3000'	4hr	1	1,800	1,800.00
CE240	blend + mix	SM	270	1	378.00
S003	Supervisor	ea	1	175	175.00
E100	P.U. miles	mi	100	1	450.00
E101	heavy eq. miles	mi	200	1	1,500.00
E113	PROP + bulk Del.	TR	1165	1	2,912.50
CE203	DEPTH charge 2000-3000'	4hr	1	1,800	1,800.00
CE240	blend + mix	SM	270	1	378.00
S003	Supervisor	ea	1	175	175.00
SUB TOTAL					10,823.80

CHEMICAL / ACID DATA:			

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

TOTAL: 11,541.80

SERVICE REPRESENTATIVE: <u>Mike Mattal</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>[Signature]</u> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
--	---

FIELD SERVICE ORDER NO. _____

BASIC

energy services, L.P.

1 of 2

TREATMENT REPORT

Customer CO Drilling inc		Lease No.		Date 7-26-16	
Lease HABIS		Well # 1-28			
Field Order # 1351	Station Pratt	Casing	Depth 2320	County SCOTT	State KS
Type Job cnw plug to abandon			Formation	Legal Description	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid 270 SKI 60/40	RATE	PRESS	ISIP	
Depth 2320	Depth	From	To	Pre Pad 490 g-	Max 1/4 #	CR	5 Min.	
Volume	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative RICK	Station Manager	Treater
-------------------------------------	-----------------	---------

Service Units	37586	33708	21920	19903	73768				
Driver Names	MARTIN	SPAIN		ADAMS					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
3:45					On location safety meeting
					plug #1 @ 2320'
4:40		200	20	5	pump 20 bbl water
4:45		200	13	5	mix 50 SKI 60/40 POZ @ 13.78 MP
4:48		100	5	5	pump 5 bbl water
4:49		50	23	5	pump 23 bbl mud
					plug #2 @ 1550'
5:27		200	20	5	pump 20 bbl water
5:32		200	20	4.5	mix 50 SKI 60/40 POZ
5:35		100	5	4.5	pump 5 bbl water
5:36		50	11	4.5	pump 11 bbl mud
					plug #3 @ 720'
6:20		150	10	5	pump 10 bbl water
6:23		100	10	5	mix 40 SKI 60/40 POZ
6:25		50	3	4.5	pump 3 bbl water
6:26		50	3	4.5	pump 3 bbl mud
					plug #4 @ 390'
6:41		100	5	4.5	pump 5 bbl water
6:42		50	13	4.5	mix 50 SKI 60/40 POZ
6:44		50	2	4.5	pump 2 bbl mud

2 of 2

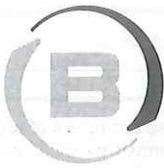
Customer LD Drilling		Lease No.		Date	
Lease HABIG-1		Well # 1-29		7-26-16	
Field Order # 13951	Station	Casing	Depth	County	State
Type Job			Formation	Legal Description	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative	Station Manager	Treater
-------------------------	-----------------	---------

Service Units									
Driver Names									

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
			5		Plug # 5 @ 60'
7:51	}	50	5	3	Mix 20 SK, 60/40 P02
7:54					CMT TO SURFACE
7:55				7	3
					JOB COMPLETE
					THANK YOU!
					MIKE MATTAL
					MATT + TOD



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 13838 A

DATE _____ TICKET NO. _____

DATE OF JOB 7/19/16		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 LD Drilling, Inc		LEASE Hublyer		1-28 WELL NO.						
ADDRESS		COUNTY Scott		STATE KS						
CITY		STATE		SERVICE CREW Scott, Daryl, E.J.						
AUTHORIZED BY Mark Davis		JOB TYPE: 8 5/8 Surface Pipe Casing								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
86779	16					ARRIVED AT JOB	7/18/16	AM	PM	9:40
19860	125					START OPERATION	7/19/16	AM	PM	12:40
						FINISH OPERATION	7/19/16	AM	PM	1:00
						RELEASED	7/19/16	AM	PM	1:50
						MILES FROM STATION TO WELL				

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 those 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 the written consent of an officer of Basic Energy Services LP.

SIGNED: *X Leonard Boose*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT	
CP103	60/40 POZ	SK	300		3600 ⁰⁰	
CC102	Celloflake	lb	75		277 ⁵⁰	
CC109	Calcium Chloride	lb	774		812 ⁷⁰	
E100	Unit Mileage Charge Pickup	Mi	100		450 ⁰⁰	
E101	Heavy Equipment Mileage	Mi	200		1500 ⁰⁰	
E113	Prop + Bulk Delivery To Mile	TM	1290		3225 ⁰⁰	
CE200	Depth Charge 0-500'	4hrs	1		1000 ⁰⁰	
CE240	Blending + Mixing Service chg	Stk	300		420 ⁰⁰	
3003	Service Supervisor	ea	1		175 ⁰⁰	
					SUB TOTAL	11,460 ²⁰

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		5,730 ⁰⁰

SERVICE REPRESENTATIVE <i>[Signature]</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>X Leonard Boose</i> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
--	--

FIELD SERVICE ORDER NO. _____

Customer <i>ED Drilling Inc</i>		Lease No.		Date <i>7/19/16</i>	
Lease <i>Habiger</i>		Well # <i>1-28</i>			
Field Order # <i>13858A</i>	Station <i>Pratt, KS</i>	Casing <i>8 5/8</i>	Depth <i>360</i>	County <i>Scott</i>	State <i>KS</i>
Type Job <i>Surface Pipe 8 5/8</i>			Formation	Legal Description <i>28 17 31</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>8 5/8</i>	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
Depth <i>360</i>	Depth	From	To	Pre Pad	Max		5 Min.	
Volume <i>22.89</i>	Volume	From	To	Pad	Min		10 Min.	
Max Press <i>500</i>	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection <i>8 5/8</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative <i>Rich</i>			Station Manager <i>Kevin Goodley</i>			Treater <i>Scott Graves</i>		
Service Units	<i>38450</i>	<i>78982</i>	<i>86779</i>	<i>84980</i>	<i>19860</i>			
Driver Names	<i>Scott Daryl</i>	<i>-</i>	<i>EJ</i>	<i>-</i>				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>9:40</i>					<i>On Location Safety Meeting Rigup</i>
<i>12:25</i>					<i>Break Circulation</i>
<i>12:40</i>	<i>175</i>			<i>4</i>	<i>Pump H₂O spacer</i>
<i>12:41</i>	<i>150</i>		<i>5</i>	<i>5</i>	<i>Mix 300 sks 60/40 POZ 14.8#</i>
<i>12:55</i>	<i>150</i>		<i>64.6</i>	<i>5</i>	<i>Start Displacement</i>
<i>1:00</i>	<i>700</i>		<i>21.8</i>		<i>Shut down</i>
					<i>Job Complete</i>
					<i>Circulated</i>