



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1255204
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
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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: _____



1255204

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

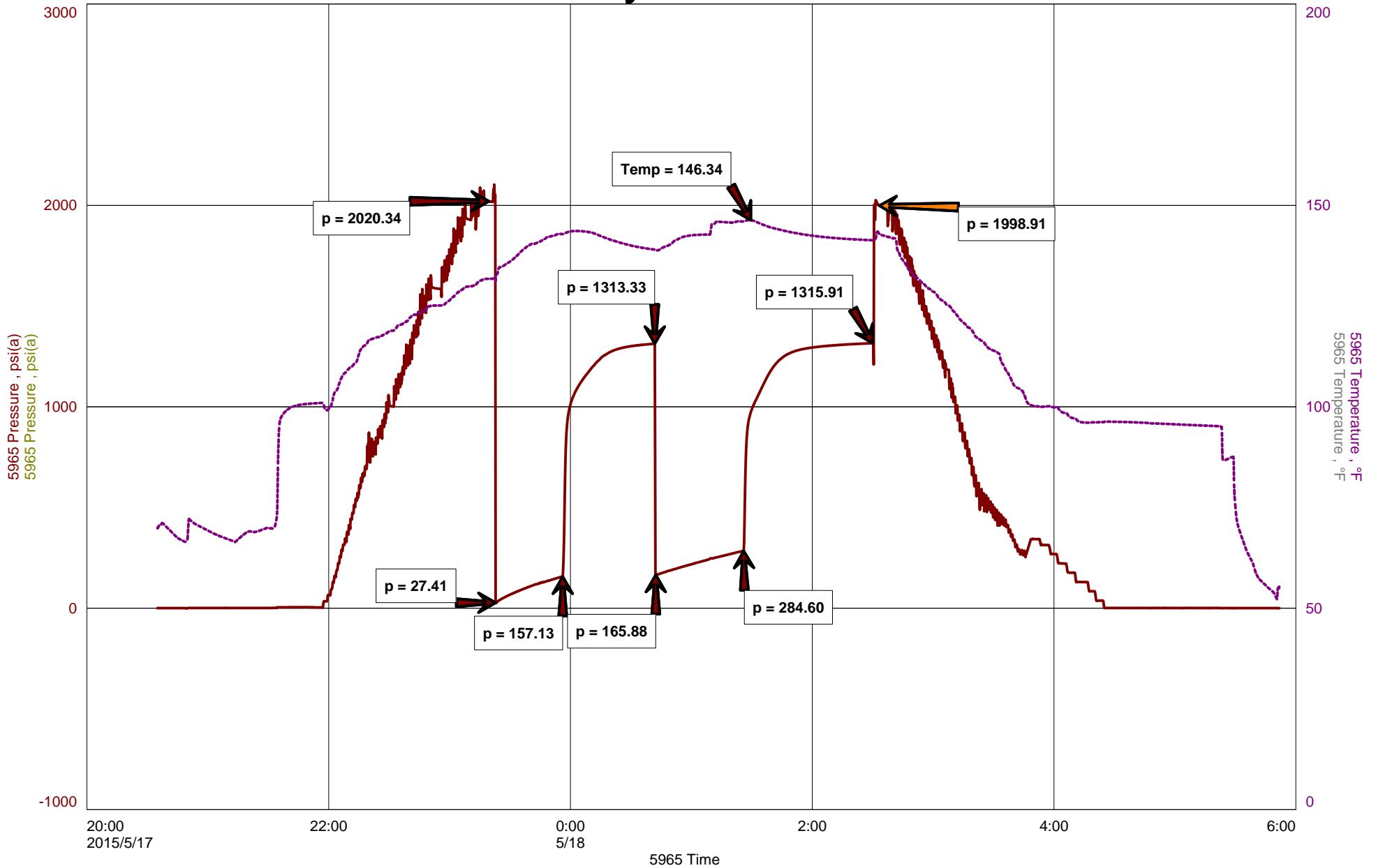
DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	CASEY 1-7
Doc ID	1255204

Tops

Name	Top	Datum
ANHYDRITE	3188	+63
BASE ANHYDRITE	3216	+35
TOPEKA	3990	-739
HEEBNER	4165	-914
LANSING	4207	-956
BASE KANSAS CITY	4492	-1241
PAWNEE	4614	-1363
FORT SCOTT	4650	-1399
CHEROKEE	4667	-1416

Casey 1-7 DST 1





Diamond Testing General Report

Wilbur Steinbeck
TESTER
CELL: 620-282-1573

General Information

Company Name	LD Drilling	Kim Shoemaker	Job Number	W190
Contact		Casey 1-7	Representative	Wilbur Steinbeck
Well Name		DST 1 Lan A&B 4169-4300	Well Operator	LD 1
Unique Well ID		7-2s-37w Cheyenne/Kans	Report Date	2015/05/17
Surface Location		Wildcat	Prepared By	Wilbur Steinbeck
Field			Qualified By	Kim Shoemaker

Test Information

Test Type	Conventional		
Formation	Lan A&B		
Well Fluid Type	01 Oil		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2015/05/17	Start Test Time	20:35:00
Final Test Date	2015/05/18	Final Test Time	05:52:00

Test Recovery

Recovery 420' Gassy Free Oil
 240' GMCO 25%G 25%M 50%O
 660' Total Fluid
 600' GIP

Tool Sample GMCW 15%G 20%M 65%O

Corrected Gravity=36.8



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Casey 1-7 DST 1

TIME ON: 20:35
TIME OFF: 5:52

Company LD Drilling Lease & Well No. Casey 1-7
Contractor LD 1 Charge to LD Drilling
Elevation 3251 KB Formation _____ Lan A&B Effective Pay _____ Ft. Ticket No. W190
Date 5-1715 Sec. 7 Twp. _____ 2 S Range _____ 37 W County _____ Cheyenne State KANSAS
Test Approved By Kim Shoemaker Diamond Representative _____ Wilbur Steinbeck

Formation Test No. 1 Interval Tested from 4169 ft. to 4300 ft. Total Depth 4300 ft.

Packer Depth 4164 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Packer Depth 4169 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4155 ft. Recorder Number _____ 5965 Cap. _____ 5000 P.S.I.

Bottom Recorder Depth (Outside) 4170 ft. Recorder Number _____ 5587 Cap. _____ 5,000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 57 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 _____ 2000 P.P.M. Drill Pipe Length _____ 4136 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number 7 Test Tool Length _____ 33 ft. Tool Size 3 1/2-IF in.

Did Well Flow? Yes Reversed Out No Anchor Length _____ 131 ft. Size 4 1/2-FH in.

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

Blow: 1st Open: BOB in 7 min Built to 11"

2nd Open: BOB in 8 min BOB in 33 min

Recovered 420 ft. of Gassy Free Oil

Recovered 240 ft. of GMCO 25%G 25%M 50%O

Recovered 660 ft. of Total Fluid

Recovered 600 ft. of GIP

Recovered _____ ft. of _____ 135 Miles RT Price Job

Recovered _____ ft. of _____ Other Charges

Remarks: Tool Sample GMCO 15%G 20%M 65%O Insurance

Corrected Gravity=36.8 Total

Time Set Packer(s) 23:25 A.M. P.M. Time Started Off Bottom 2:25 A.M. P.M. Maximum Temperature 146

Initial Hydrostatic Pressure..... (A) 2020 P.S.I.

Initial Flow Period..... Minutes 30 (B) 27 P.S.I. to (C) 157 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1313 P.S.I.

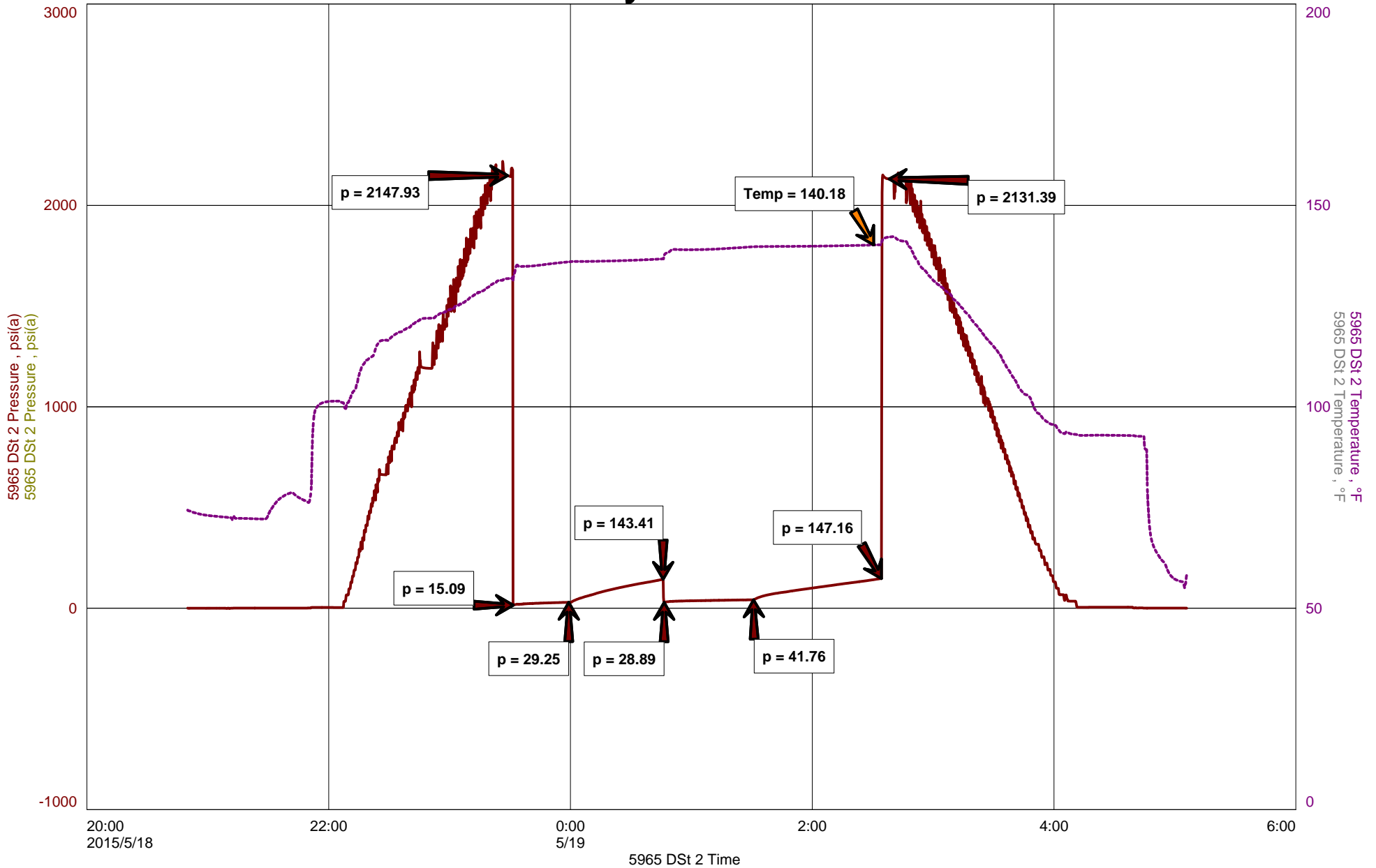
Final Flow Period..... Minutes 45 (E) 166 P.S.I. to (F) 285 P.S.I.

Final Closed In Period..... Minutes 60 (G) 1316 P.S.I.

Final Hydrostatic Pressure..... (H) 1999 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.

Casey 1-7 DST 2





Diamond Testing General Report

Wilbur Steinbeck
TESTER
CELL: 620-282-1573

General Information

Company Name	LD Drilling	Kim Shoemaker	Job Number	W191
Contact		Casey 1-7	Representative	Wilbur Steinbeck
Well Name		DST 2 Lan H-J 4384-4440	Well Operator	LD 1
Unique Well ID		7-2s-37w Cheyenne/Kans	Report Date	2015/05/18
Surface Location		Wildcat	Prepared By	Wilbur Steinbeck
Field			Qualified By	Kim Shoemaker

Test Information

Test Type	Conventional		
Formation	Lan H-J		
Well Fluid Type	01 Oil		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2015/05/18	Start Test Time	20:50:00
Final Test Date	2015/05/19	Final Test Time	05:05:00

Test Recovery

Recovery 70' GMCO 5%G 45%M 50%O
70' Total Fluid

Tool Sample MCO 50%M 50%O



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Casey 1-7 DST 2

TIME ON: 20:50
TIME OFF: 5:05

Company LD Drilling Lease & Well No. Casey 1-7
Contractor LD 1 Charge to LD Drilling
Elevation 3251 KB Formation _____ Lan H-J Effective Pay _____ Ft. Ticket No. W191
Date 5-18-15 Sec. 7 Twp. _____ 2 S Range _____ 37 W County _____ Cheyenne State KANSAS
Test Approved By Kim Shoemaker Diamond Representative _____ Wilbur Steinbeck

Formation Test No. 2 Interval Tested from 4384 ft. to 4440 ft. Total Depth 4440 ft.
Packer Depth 4379 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4384 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4370 ft. Recorder Number 5965 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4385 ft. Recorder Number 5587 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 52 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3000 P.P.M. Drill Pipe Length 4351 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 7 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? Yes Reversed Out No Anchor Length 56 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: BOB in 17 min No Return
2nd Open: BOB in 44 min Built to 1/2"

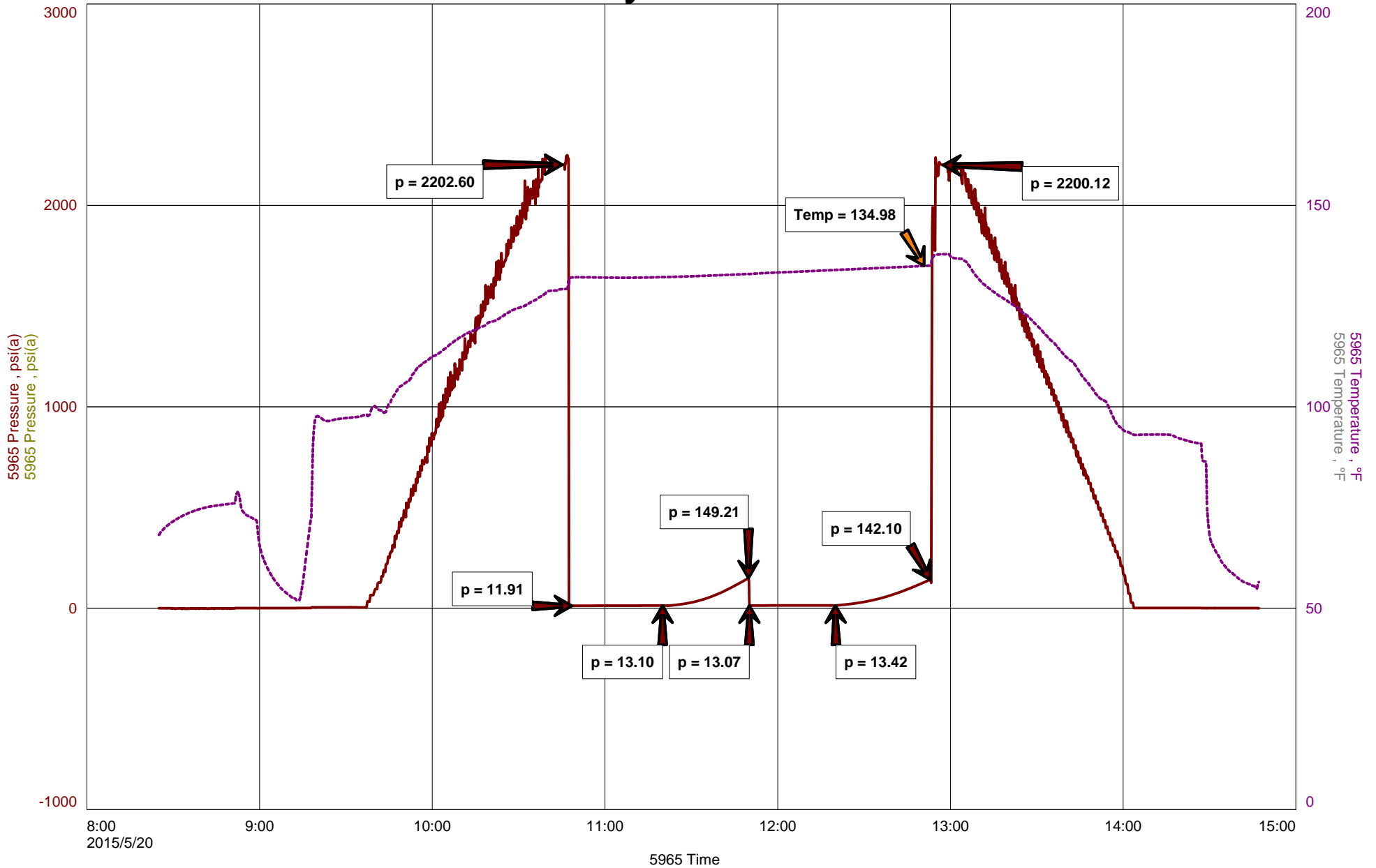
Recovered 70 ft. of GMCO 5%G 45%M 50%O
Recovered 70 ft. of Total Fluid
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Recovered _____ ft. of _____	135 Miles RT	Price Job
Recovered _____ ft. of _____		Other Charges
Remarks: <u>Tool Sample MCO 50%M 50%O</u>		Insurance
		Total

Time Set Packer(s) 23:30 A.M. P.M. Time Started Off Bottom 2:30 A.M. P.M. Maximum Temperature 140
Initial Hydrostatic Pressure..... (A) 2148 P.S.I.
Initial Flow Period..... Minutes 30 (B) 15 P.S.I. to (C) 29 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 143 P.S.I.
Final Flow Period..... Minutes 45 (E) 29 P.S.I. to (F) 42 P.S.I.
Final Closed In Period..... Minutes 60 (G) 147 P.S.I.
Final Hydrostatic Pressure..... (H) 2131 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.

Casey 1-7 DST 3





Diamond Testing General Report

Wilbur Steinbeck
TESTER
CELL: 620-282-1573

General Information

Company Name LD Drilling

Contact

Well Name

Unique Well ID

Surface Location

Field

Kim Shoemaker **Job Number** W192
Casey 1-7 **Representative** Wilbur Steinbeck
DST 3 Pawnee/Ft. Scott/Cherokee 4595-4725 **Well Operator** LD 1
7-2s-37w Cheyenne/Kans **Report Date** 2015/05/20
Wildcat **Prepared By** Wilbur Steinbeck
Qualified By Kim Shoemaker

Test Information

Test Type

Formation

Well Fluid Type

Test Purpose (AEUB)

Conventional
Pawnee/Ft. Scott/Cherokee
01 Oil
Initial Test

Start Test Date

Final Test Date

2015/05/20 **Start Test Time** 08:25:00

2015/05/20 **Final Test Time** 14:47:00

Test Recovery

Recovery 10' Mud with oil spots
10' Total Fluid

Tool Sample Mud with oil spots



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Casey 1-7 DST 3

TIME ON: 20:50
TIME OFF: 14:47

Company LD Drilling Lease & Well No. Casey 1-7
Contractor LD 1 Charge to LD Drilling
Elevation 3251 KB Formation Pawnee/Ft. Scott/Cherokee Effective Pay _____ Ft. Ticket No. W192
Date 5-20-15 Sec. 7 Twp. _____ 2 S Range _____ 37 W County _____ Cheyenne State KANSAS
Test Approved By Kim Shoemaker Diamond Representative _____ Wilbur Steinbeck

Formation Test No. 3 Interval Tested from 4595 ft. to 4725 ft. Total Depth 4725 ft.
Packer Depth 4590 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4595 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4581 ft. Recorder Number _____ 5965 Cap. _____ 5000 P.S.I.
Bottom Recorder Depth (Outside) 4596 ft. Recorder Number _____ 5587 Cap. _____ 5,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ 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 4200 P.P.M. Drill Pipe Length 4562 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 7 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? No Reversed Out No Anchor Length 130 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Built to 1 1/4" No Return
2nd Open: No Blow No Return

Recovered 10 ft. of Mud with oil spots
Recovered 10 ft. of Total Fluid
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Recovered _____ ft. of _____	135 Miles RT	Price Job
Recovered _____ ft. of _____		Other Charges
Remarks: <u>Tool Sample Mud with oil spots</u>		Insurance
		Total

Time Set Packer(s) 10:50 A.M. P.M. Time Started Off Bottom 12:50 A.M. P.M. Maximum Temperature 135
Initial Hydrostatic Pressure..... (A) 2203 P.S.I.
Initial Flow Period..... Minutes 30 (B) 12 P.S.I. to (C) 13 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 149 P.S.I.
Final Flow Period..... Minutes 30 (E) 13 P.S.I. to (F) 13 P.S.I.
Final Closed In Period..... Minutes 30 (G) 142 P.S.I.
Final Hydrostatic Pressure..... (H) 2200 P.S.I.

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KIM B. SHOEMAKER

CONSULTING GEOLOGIST

316-684-9709 * WICHITA, KS

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY L. D. DRILLING, INC.
 LEASE # 1-7 CASEY
 FIELD WILDCAT
 LOCATION 1783' FSL & 330' FWL
 SEC 7 TWP 2s RGE 37w
 COUNTY CHEYENNE STATE KANSAS
 CONTRACTOR L. D. DRILLING, INC.
 SPUD 5-4-15 COMP 5-22-15
 RTD 4951 LTD 4949
 MUD LAP 3639 TYPE MUD CHEMICAL

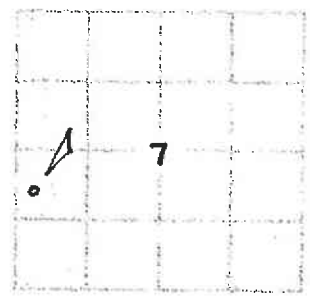
ELEVATIONS
 KB: 3251
 DP
 GL 3246 *
 Measurements Are All From 3251 KB

CASINGS
 SURFACE 8 5/8" @ 309'
 PRODUCTION 5 1/2" @

ELECTRICAL SURVEYS
 DUAL IND, DENS-N., MICRO

SAMPLES SAVED FROM 3900 TO 4951
 DRILLING TIME NOT FROM 3700 TO 4951
 SAMPLES EXAMINED FROM 3900 TO 4951
 GEOLOGICAL SUPERVISION FROM 3900 TO 4951
 GEOLOGIST ON WELL KIM B. SHOEMAKER

FORMATION TOPS	LOG	SAMPLES
ANHYDRITE	3188 + 63	3180 + 71
B/ANK.	3216 + 35	3218 + 33
TOPEKA	3990 - 739	3997 - 746
HEEDNER	4165 - 914	4170 - 919
LANSING	4207 - 966	4213 - 962
B/KC	4492 - 1241	4486 - 1235
PAWNEE	4614 - 1363	4624 - 1373
FORT SCOTT	4650 - 1399	4650 - 1399
CHEROKEE	4667 - 1416	4672 - 1421
MISSISSIPPI	NR	4944 - 1693



REMARKS
 5-4-15 SPUD
 5-5 @ 391'
 Down Weather (Rain)
 5-13 @ 391'
 5-14 @ 1850'
 5-15 @ 3000'
 5-16 @ 3700'
 5-17 @ 4170'
 5-18 @ 4300'
 5-19 @ 4440'
 5-20 @ 4725'
 5-21 @ 4951'

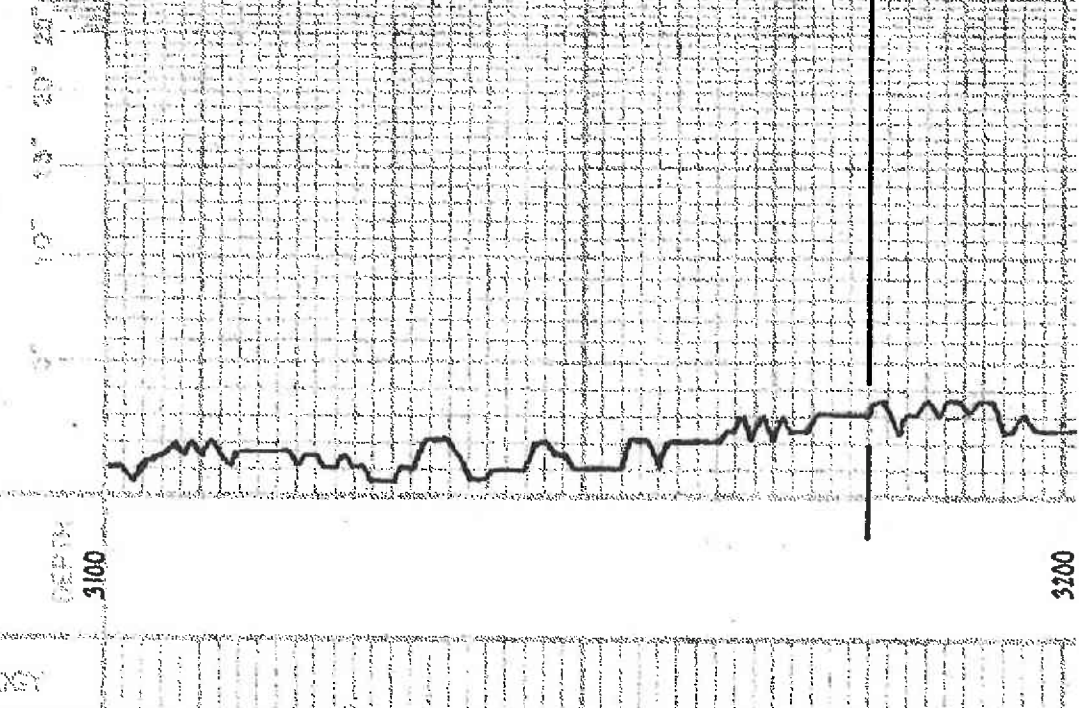
API 15-023-21427

* : CAT DRIVER LOWERED SURFACE ELEVATION BY 2' 3248 (L.C. 2) = 3246

LEGEND

- Anhydrite
- Salt
- Sandstone
- Shale
- Carbonate
- Limestone
- Oil shale
- Coal
- Dolomite

DRILLING TIME IN MINUTES PER FOOT
 Part of Production Intermittent



REMARKS

ANHYDRITE 3180+71

3200

3150

3100

3000

1900

B/ANK. 3218 + 33

Vis. 41
WT. 87
V.L. 7.2
CAL. 5000

Samples are logged

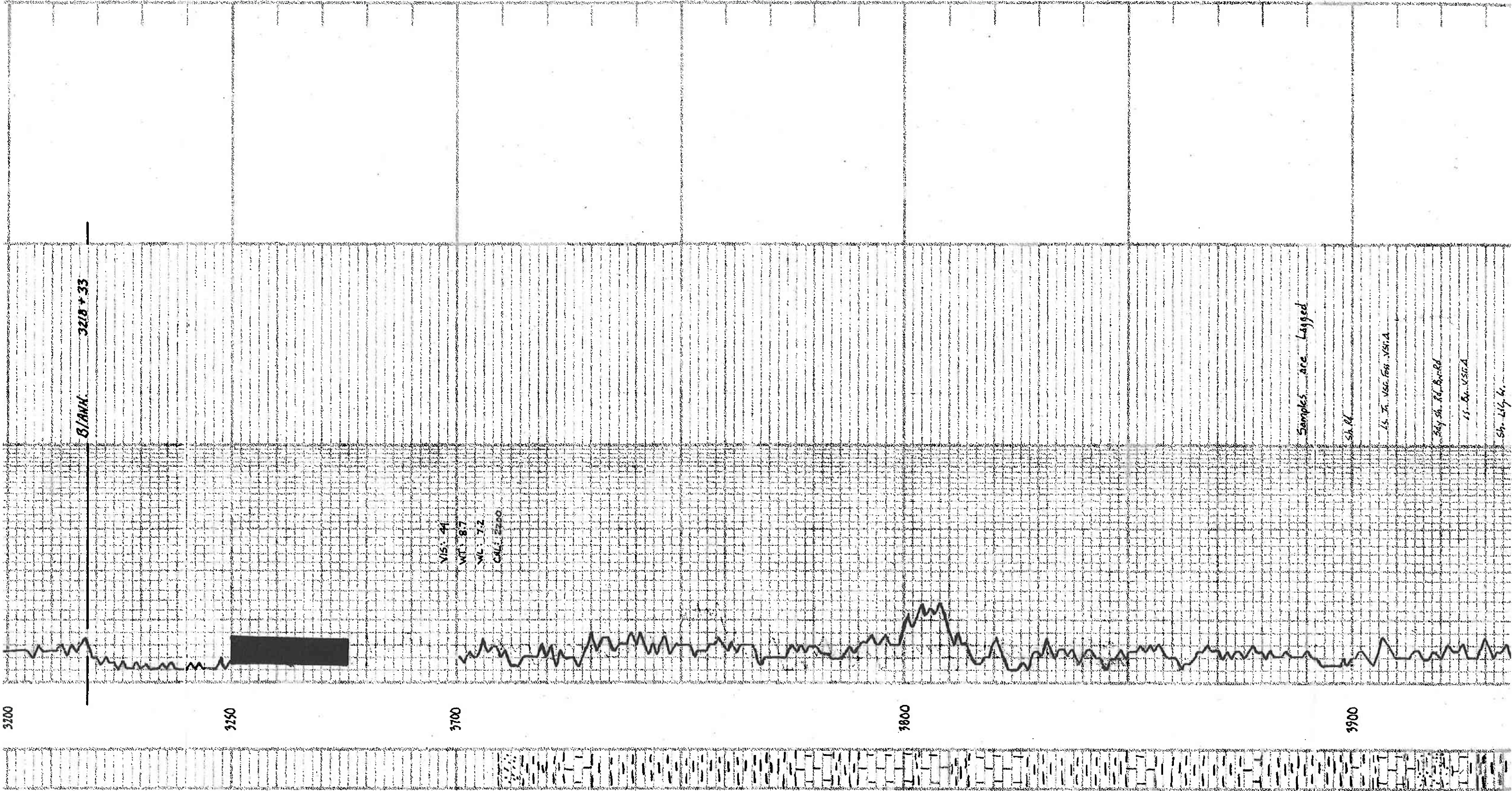
Sh. 11

15. J. sec. 108. 1511A

Sh. 11. Red. 1011

15. 60. 1511A

Sh. 11. 61.



ls. wt. 16g. V.Si. Calc. P.K. 4
BLE. Sh. Tropy. - Bl. S.S. T. - My. BLE. 4
No. 100
(3965)

Sh. Gy.

ls. 14g. V.Si. Foss.

ls. 14g. V.Si. Foss.

Sh. Bl. 14g. L.

TOPEKA 3997-716

ls. wt. 14g. V.Si. Foss. - Priv. 1/2
BLE. det. S.S. T. 26.6

ls. 14g. V.Si. Foss. S.S. 1/2

Sh. Bl.

ls. wt. Foss. det. V.Si. Eally.

Sh. Bl.

ls. Gy. Dis.

Sh. Bl. S.S. 1/2. M. Co. S.S. 1/2

Sh. Bl.

ls. wt. Foss. det. S.S. Calcite.

ls. wt. 14g. S.S. Chalky.

Sh. Lt. Bl. 1/2 Purple.

Sh. Bl. 14g.

Sh. Bl. 14g. 6.

ls. wt. 14g. Foss. S.S. Foss. V.Si. Pyrite. P. 10. 1/2
BLE. det. S.S. T. 26.6. S.S. det. S.S. T. 26.6. No. 100. 1/2
(4160)

ls. 7. 14g. V.Si. 1/2

HEEBNER 4170-919

Sh. Det. 1/2. 1/2. 1/2.

ls. 7. 14g. V.Si. 1/2

Sh. Det. 1/2. 1/2.

Sh. Lt. Blue 1/2

Sh. Bl.

DST. (1) 4169-9300

1st. Open: Bottom Bucket 7 MIN.

2nd. Open: " " 8 "

30-45-45-60

Re. 600' G.P.

120' G.P.

LANSING 4213-962

ls. wt. 14g. V.Si. Foss. det. V.Si. Eally. 1/2
BLE. det. S.S. T. 26.6. S.S. det. S.S. T. 26.6. No. 100. 1/2
(4230)

ls. 7. 14g. S.S. 1/2

ls. 7. 14g. Dis.

ls. 7. 14g. S.S. 1/2

ls. wt. 14g. V.Si. Foss. det. V.Si. Eally. 1/2
BLE. det. S.S. T. 26.6. S.S. det. S.S. T. 26.6. No. 100. 1/2
(4230)

Sh. Bl. 14g. 5h

Sh. Lt. Purple - Silty - S.S.

Sh. Bl.

4000

4100

4200

O READ

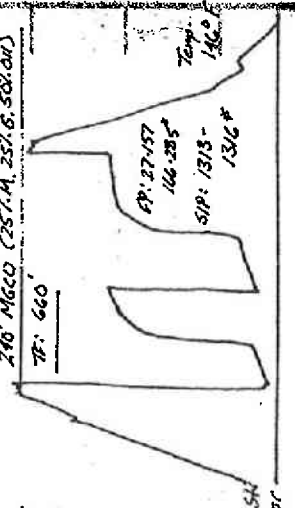
DST (1)

415. 57

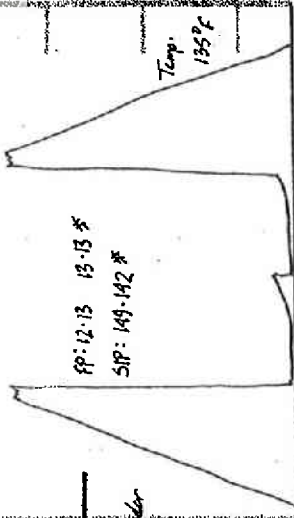
415. 91

416. 72

416. 286



Rec. 10' Mud w/ oil spots



Sh. Bl. G.
Sh. Bl. G.
PAWNEE 4624-1373
Ls. Gy. wh. Foss. w/ R. U. G. Dk. Red. Sh.
580' 7' 6" 1/2
Red. Foss. Member
(4640)
Ls. Tn. G. Dm.

FORT SCOT 4650-1391
Sh. Bl. G. (4668)

Ls. Tn. G. - V. Si. Foss. Dns.

Ls. Tn. G. - Sh. Foss. Sh. A

CHEROKEE 4672-1421
Sh. Bl. G.

Ls. Tn. G. - Sh. Foss. - Si. Chilly

Sh. G. l.

Ls. wh. - V. Si. Foss. - Si. Chilly

Sh. Bl. G.

Ls. Tn. G. - Sh. Foss. - Sh. A

Ls. Tn. G. - V. Si. A

Sh. Bl. G.

Ls. wh. - Si. Foss. - Si. Chilly

Sh. Bl. G.

Sh. Ls. Bl. G. w/ Sh. N. G. R. Sh. Bl. G.

Sh. Purple. Bl. G.

Ls. wh. - Chilly - T. R. - Sh. A

Sh. G. G. - Fr. N. G. - Sh. Bl. G.

Sh. Ls. Bl. G.

Sh. wh. - Gy. - Bl. G. - Bl. G. - Sh. Bl. G.

Sh. G. - Bl. G. - Sh. Bl. G.

Sh. Purple

Sh. Bl. G.

Sh. Bl. G. w/ N. G. R. Sh. Bl. G.

Sh. Purple Yellow

Sh. Yellow Bl. G.

Sh. Yellow

Sh. Bl. Blue-Gy

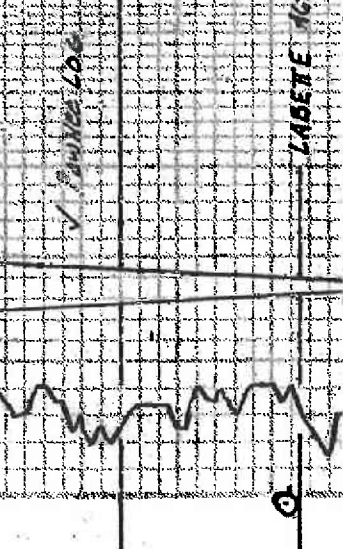
Sh. Gy. wh. - Fr. N. G. - Sh. Bl. G.

Sh. Gy. Blue

Sh. Bl. G.

Sh. Bl. G.

MISSISSIPPI 4944-1693



WT 193

WT 180

WT 4000

4700

4800

4900

Sh. DE G.

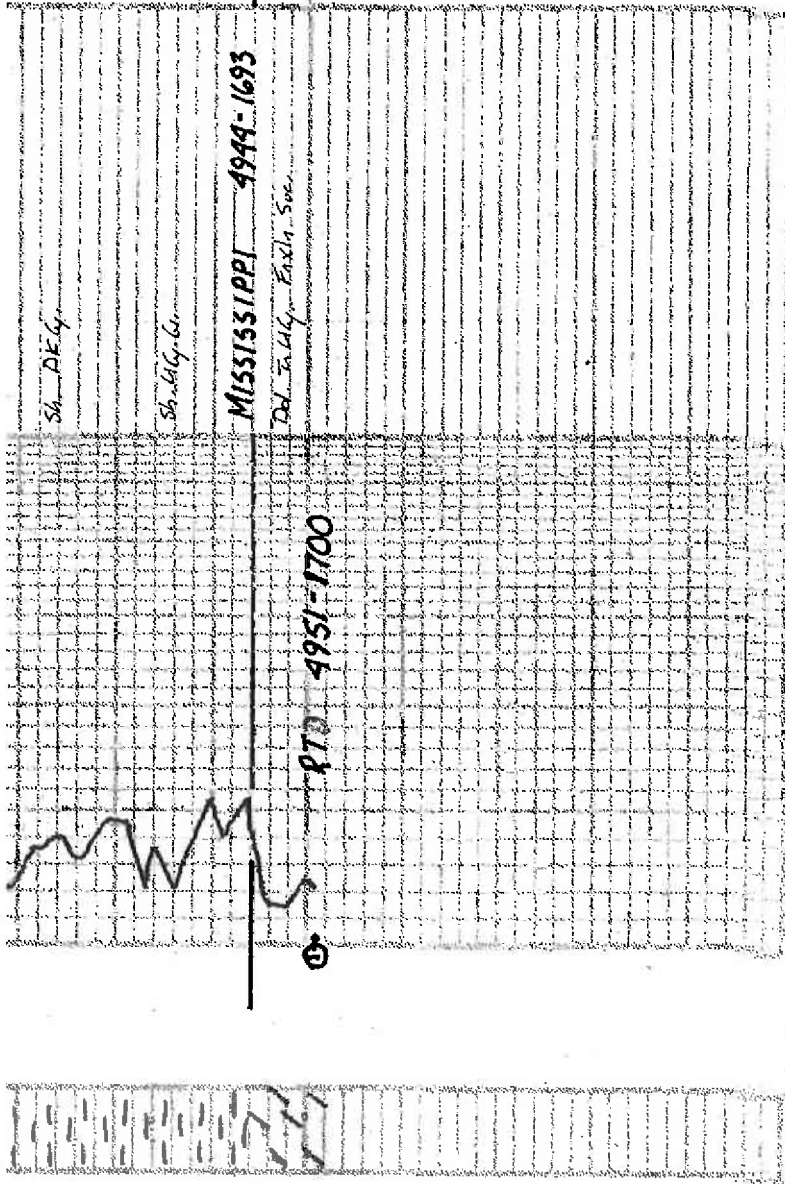
Sh. DE G.

MISSISSIPPI 4944-1693

DE. DE G. - East. Soc.

RTO 4951-1700

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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 11966 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>5-22-15</u> DISTRICT <u>Pratt</u>		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 <u>L.D. Drilling inc</u>		LEASE <u>CASEY</u> WELL NO. <u>1-7</u>							
ADDRESS		COUNTY <u>Cherokee</u> STATE <u>KS</u>							
CITY STATE		SERVICE CREW <u>MARRAI, Mcgrew, Gibson, Nystrom</u>							
AUTHORIZED BY		JOB TYPE: <u>CUW 5 1/2 long string</u>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM/PM	TIME
<u>19905</u>	<u>1</u>						<u>5-21-15</u>		<u>9:00</u>
						ARRIVED AT JOB	<u>5-21-15</u>	AM/PM	<u>7:30</u>
						START OPERATION	<u>5-22-15</u>	AM/PM	<u>0400</u>
<u>19862</u>	<u>1</u>					FINISH OPERATION	<u>5-22-15</u>	AM/PM	<u>0445</u>
						RELEASED	<u>5-22-15</u>	AM/PM	<u>0500</u>
						MILES FROM STATION TO WELL			<u>100</u>

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 L.D. Davis By D. Scott
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP105	AA-2 CRT	SK	200		3400 -
CP105	AA-2 CRT		30		510 -
CC102	cellophane	lb	58		214 60
CC111	SALT	lb	1235		627 50
CC113	SYPsum	lb	1085		813 75
CC129	FIN 322	lb	174		1305 -
CC201	Gilsonite	lb	1380		924 60
CE607	latch down plug + barfite	EA	1		400 -
CF1101	CMT shoe, BASKET TYE	EA	1		1700 -
CF1651	Hydrolizer	EA	8		880 -
CF1901	BASKET	EA	1		290 -
E100	P.M. miles	Mi	100		450 -
E101	heavy eq. mile	Mi	200		1500 -
E113	PROP + BULK del.	TM	1085		2712 50
CE205	depth charge 4001-5000	HR	1		2520 -
CE240	blend + mix	SK	230		322 -
S003	Supervisor	EA	1		175 -
CC504	plug container	Job	1		250 -
CC151	Mud Flush	SAL	1,100		1500 -

SUB TOTAL

CHEMICAL / ACID DATA:			

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

TOTAL 13,321 92

DISCOUNT TOTAL

SERVICE REPRESENTATIVE <u>Mike Marrai</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>X L.D. Davis By D. Scott</u> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
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FIELD SERVICE ORDER NO.

Customer <i>L.D. Driskis</i>	Lease No.	Date <i>5-22-15</i>
Lease <i>CASEY</i>	Well # <i>1-7</i>	
Field Order # <i>11966</i>	Station <i>Pratt</i>	Casing <i>5 1/2</i>
		Depth
Type Job <i>CNW 5 1/2 Longstring</i>	Formation	Legal Description <i>7-2-37</i>
		County <i>Cheyenne</i>
		State <i>WY</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>5 1/2</i>						<i>1300</i>		
Depth <i>4820</i>	Depth <i>8577</i>	From	To	Pre Pad	Max			5 Min.
Volume <i>114.7</i>	Volume	From	To	Pad	Min			10 Min.
Max Press <i>1,500</i>	Max Press	From	To	Frac	Avg			15 Min.
Well Connection <i>P.C.</i>	Annulus Vol.	From	To	<i>200sk AA-2</i>	HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative <i>LD</i>	Station Manager <i>Kevin Gaudin</i>	Treater <i>Mike Mattal</i>
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Service Units	<i>375SL</i>	<i>77686</i>	<i>1990</i>	<i>1960</i>	<i>19862</i>				
Driver Names	<i>Pratt</i>	<i>McLean</i>		<i>Sisson</i>	<i>Mystrom</i>				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>7:30</i>					<i>On location / safety meeting</i>
					<i>Run 5 1/2 casing with 1500psi shoe</i>
					<i>Turnoffs on 6-8-10-12-14-16-18-19-20-21</i>
					<i>Casings on bottom</i>
					<i>Hook to casing pipe 1 hr</i>
					<i>Drop Ball</i>
<i>0400</i>	<i>300</i>			<i>2</i>	<i>H2O spacer</i>
<i>0402</i>	<i>1500</i>		<i>5</i>	<i>2</i>	<i>PKR shoe set</i>
<i>0405</i>	<i>300</i>		<i>24</i>	<i>6</i>	<i>St mud flush</i>
<i>0409</i>	<i>300</i>		<i>5</i>	<i>6</i>	<i>H2O spacer</i>
<i>0412</i>	<i>300</i>			<i>5</i>	<i>St mixing cement @ 14.8 ppg 200sk</i>
<i>0422</i>	<i>0</i>		<i>52</i>	<i>6</i>	<i>Finish mixing cement save 1/2 Tub cement</i>
<i>0428</i>			<i>10</i>	<i>5</i>	<i>Release Plug + work Pump + 1 hr</i>
<i>0425</i>	<i>0</i>		<i>0</i>	<i>6.5</i>	<i>St Disp w/ H2O</i>
<i>0437</i>	<i>500</i>		<i>82</i>	<i>6.5</i>	<i>82 Bbl Disp out Lf cement</i>
<i>0445</i>	<i>800</i>		<i>104</i>	<i>2.0</i>	<i>Decrease Rate</i>
<i>0450</i>	<i>1300</i>		<i>114.7</i>	<i>0</i>	<i>Plug Down</i>
<i>0455</i>					<i>Release psi Held</i>
			<i>7</i>		<i>Plug R.H. w/ 30 sk!</i>
					<i>Good Circ Thru Job</i>
					<i>Tub Complete</i>
					<i>Thank you</i>

BASIC

energy services, L.P.

TREATMENT REPORT

Customer LD Drilling	Lease No.	Date 5-5-2015
Lease CG504	Well # 1-7	
Field Order # 12257	Station Pratt, KS	Casing 8 5/8
Type Job CNU/ 8 5/8 surface	Formation TD-	Legal Description 7-2-37
	Depth	County Cheyenne State KS

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
Depth 390	Depth	From	To	Pre Pad	Max		5 Min.	
Volume 24	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 370	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative Rick	Station Manager Kevin Gordley	Treater Darin Franklin
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Service Units	92911	84981	19843	19903	1986				
Driver Names	Darin	Ed	Ed	Gibson	Gibson				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:30am					on locst. on / safety meetings
2:30pm	300		3	6	pump 3 bbls water
	300		65	6	mix 300SK cement
					shut down
					Release Plus
	200		0	3	start displacement
3:00pm	200		23	3	Shut in
					Cement did circulate 20 bbls
					Job complete / Darin & crew
					Thank you!!!