



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1177015
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: _____

1177015

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
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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	H & D Exploration LLC
Well Name	Kaufman 'A' 1
Doc ID	1177015

Tops

Name	Top	Datum
Anhydrite	780	+1081
Base Anhydrite	808	+1053
Topeka	2643	-782
Heebner	2912	-1051
Toronto	2927	-1066
Douglas	2943	-1082
Brown Lime	2997	-1136
Lansing	3011	-1150
Base Kansas City	3272	-1411
Basan Sand	3298	-1437
RTD	3306	-1445
LTD	3300	-1439

MORNING DRILLING REPORT

For: H&D Exploration, LLC

SOUTHWIND DRILLING, INC.

RIG #6

Well Name: Kaufman "A" #1
 Location: 2310' FNL & 1447' FWL
 Section: 9-15S-12W
 County: Russell
 API: 15-167-23900-00-0

Elevation: GL 1853'
 KB 1861'
 Est. TD: 3500'
 Conductor: N/A

Rig No. 6 (Pusher Wes Pfaff) 620 566-7094
 Rig No. 6 (Doghouse) 620 566-7156
 Southwind Drilling Office 620 564-3800



Surface Casing: Ran 18 joints of new 23#, 8 5/8" casing, Tally @ 747', Set @ 757', used 350 sacks of Common, 3% cc, 2% gel, cement circulated, by Quality (Ticket #7753), plug down @ 4:00 pm on 08.18.13.
 Production Info: Ran 87 joints of new 14#, 5 1/2" casing, Tally @ 3290', Set @ 3298', used 180 sacks of Common, 10% salt, 5% Gilsonte, cemented, by Quality (Ticket #6878), job complete @ 3:30 pm on 08.24.13.

Rotary Total Depth: 3306'
 Log Total Depth: 3300'

7:00 A.M. Depth: 3306'

7:00 A.M. Current Operation: TEAR DOWN

Spud Date & Time:	08/17/13	08/18/13	08/19/13	08/20/13	08/21/13	08/22/13	08/23/13	08/24/13	Total
08/17/2013 @ 9:45 PM	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	
Total Depth (7:00am)	0	520	1000	2006	2848	3110	3306	3306	
Daily Progress	520	480	1006	842	262	196	0		3306
Ft. Per Hr.	80.00	71.11	50.30	43.18	34.93	25.29	#DIV/0!	#DIV/0!	48.62
Current Operation (7:00am)	Rig Up	Drilling	Drilling	Drilling	Drilling	TIWB	CFS	LDDP	
Formation	Surface	Surface	Sand	Shale	Shale	Lansing "B"	Lansing	Quartz Sand	
Fuel Used	113.67	210.84	381.51	389.64	363.37	274.36	180.64	89.01	2003.04
Survey (degree & depth)		1 1/4' @ 757'			3/4' @ 3110'		1/2' @ 3306'		
Mud Info									
Mud Cost	\$0.00	\$0.00	\$2,526.75	\$2,940.50	\$1,762.10	\$1,020.55	\$1,060.85	\$507.75	\$9,818.50
Weight (# / Gal)	10.0	8.8	9.9	8.8	9.0	9.3	9.3		
Vis (Funnel)	38	28	28	50	49	50	50		
Water Loss (cc)					9.2	8.8	9.2		
Bit #1									
Bit Make / Type	JZ Tooth ReTip	JZ Tooth ReTip							
Bit Size	12 1/4	12 1/4							
Bit Hours	6.50	2.75							9.25
Bit #2									
Bit Make / Type		JZ HA20Q	JZ HA20Q	JZ HA20Q	JZ HA20Q	JZ HA20Q			
Bit Size		7 7/8	7 7/8	7 7/8	7 7/8	7 7/8			
Bit Hours		4.00	20.00	19.50	7.50	7.75			58.75
Bit Cumulative Hours	6.50	6.75	20.00	19.50	7.50	7.75	0.00	0.00	68.00
Weight on Bit (WOB)	20,000	25,000	32,000	35,000	35,000	35,000			
RPM	100	70	80	80	80	80			
Pump Pressure	550	650	900	900	900	800			
Drilling (Rotating) Hours	6.50	6.75	20.00	19.50	7.50	7.75	0.00	0.00	68.00
Daywork Hrs. (Operator's time)									
Rat Hole (>.75 Hrs)	0.25								0.25
Wait on Cement		8.00							8.00
Trip		1.25			6.50	7.25	9.50		24.50
Circulate		0.50			6.00	6.00	2.50		15.00
Tool					1.25	1.00	1.00		3.25
Testing					2.00	1.50	2.00		5.50
Clean Floor									0.00
Logging							2.00		2.00
LDDP & LDDC							1.00	2.50	3.50
Run Casing / Cement		2.25						5.00	7.25
Nipple Down / Jet Cellar								0.50	0.50
Set Slips								0.50	0.50
Wait on Tester									0.00
Wait on Loggers							4.00		4.00
Wait on Orders							0.50		0.50
Billable Hours	0.25	12.00	0.00	0.00	15.75	15.75	22.50	8.50	74.75
Non-Billable Hours (Southwind's time)									
Rig Up / Rig Down	13.75							6.50	20.25
Wait on Cement (if NC)		2.00							2.00
Downtime - Weather									0.00
Trip Time for Hole in Pipe									0.00
Drill Rat Hole (<.75 hrs)	0.75								0.75
Drill Plug		0.25							0.25
Circulate / Trip (Surface)		1.25							1.25
Rig Repair	0.25		0.50	1.00	0.25		1.25		3.25
Connections	2.50	1.25	2.75	2.00	0.50	0.50			9.50
Jet/Displace		0.25	0.75	1.50					2.50
Surveys		0.25					0.25		0.50
Rig Check									0.00
Wait on Welder									0.00
Trip Time (NB)									0.00
Lost Circulation (< 2 hrs)									0.00
Lay Down Kelly / RH								1.00	1.00
Non-Billable Hrs.	17.25	3.25	4.00	4.50	0.75	0.50	1.50	7.50	41.25
Footage Cost	\$ 7,540.00	\$ 6,960.00	\$ 14,587.00	\$ 12,209.00	\$ 3,799.00	\$ 2,842.00	\$ -	\$ -	\$ 47,937.00
Daywork Cost	\$ 87.50	\$ 4,200.00	\$ -	\$ -	\$ 5,512.50	\$ 5,512.50	\$ 7,875.00	\$ 2,975.00	\$ 26,162.50
Combined Est. Cost*	\$ 7,627.50	\$ 11,160.00	\$ 14,587.00	\$ 12,209.00	\$ 9,311.50	\$ 8,354.50	\$ 7,875.00	\$ 2,975.00	\$ 74,099.50

*Please note that this is estimated footage & daywork cost only. Additional charges will apply on invoice (fuel surcharge, water transfer pump, etc)

DST #1 Info - Footage Interval: 3073' - 3109' "Lansing" Recovery: 1100' Water	DST #2 Info - Footage Interval: 3160' - 3250' "Lansing" Recovery: 15' Mud
DST #3 Info - Footage Interval: 3262' - 3306' Recovery: 1700' Slightly Watery Oil	DST #4 Info - Footage Interval: Recovery:

Anhydrite: 781' - 811'

Displaced @ 2568' - 2611'

GENERAL INFORMATION

Client Information:

Company: H+D EXPLORATION

Contact: WYATT URBAN

Phone: Fax: e-mail:

Site Information:

Contact: ALAN HOFFMAN

Phone: Fax: e-mail:

Well Information:

Name: KAUFMAN A1

Operator: H+D OPERATION

Location-Downhole:

Location-Surface: S9/15S/12W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: WYATT URBAN

Test Type: DST #1 CONVENTIONAL Job Number: D1349

Test Unit:

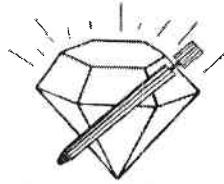
Start Date: 2013/08/22 Start Time: 00:40:00

End Date: 2013/08/22 End Time: 06:30:00

Report Date: 2013/08/22 Prepared By: JOHN RIEDL

Remarks: Qualified By: WYATT URBAN

RECOVERY: 1100' WATER WITH OIL SPECKS IN TOP 100'



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: STC/Kaufmana1dst1

TIME ON: 00:40 8/22/13
TIME OFF: 06:30 8/22/13

Company H+D EXPLORATION Lease & Well No. KAUFMAN A1
Contractor SOUTHWIND DRLG RIG 6 Charge to H+D EXPLORATION
Elevation 1861 K.B Formation LANS A+F Effective Pay _____ Ft. Ticket No. D1349
Date 8/22/13 Sec. 9 Twp. 15 S Range 12 W County RUSSELL State KANSAS
Test Approved By WYATT URBAN Diamond Representative JOHN RIEDL

Formation Test No. 1 Interval Tested from 3073 ft. to 3109 ft. Total Depth 3109 ft.
Packer Depth 3068 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3073 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3076 ft. Recorder Number 30046 Cap. 6000 P.S.I.
Bottom Recorder Depth (Outside) 3106 ft. Recorder Number 11073 Cap. 4000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Mud Type CHEMICAL Viscosity 47 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 8.9 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,700 p.p.m. Drill Pipe Length 3053 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number NOT REQUESTED Test Tool Length 20 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 36 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: STRONG (B.OB 3 1/2 MINUTES) NO BB
2nd Open: STRONG (B.O.B 5 MINUTES) NO BB

Recovered 1100 ft. of WATER WITH OIL SPECKS IN TOP 100'
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TAL FLUID RECOVERY: 1100' IN DRILL PIPE</u>	Insurance
<u>TOOL SAMPLE GRINDOUT: 100% WATER</u>	Total

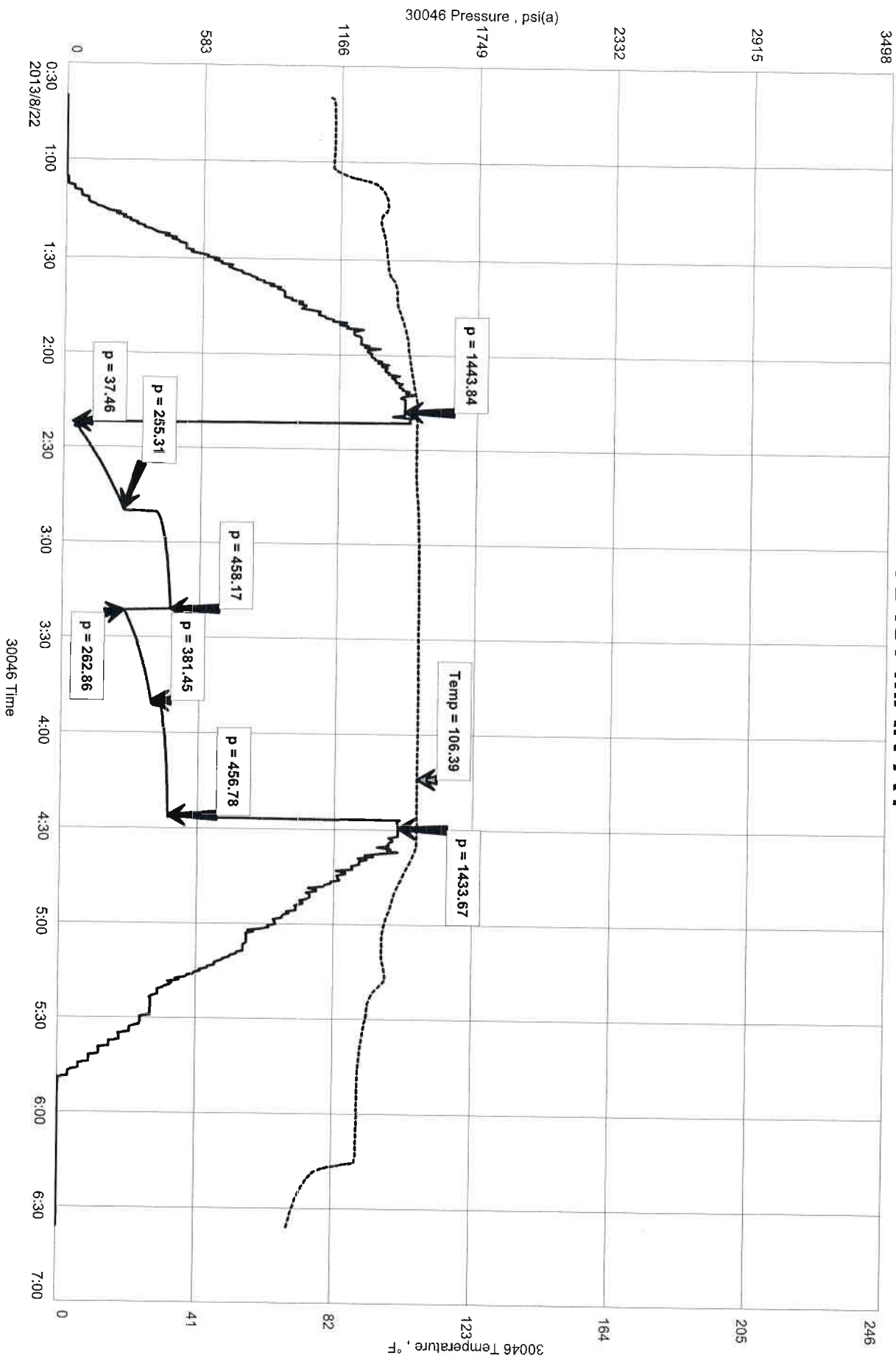
Time Set Packer(s) 2:20 A.M A.M. Time Started Off Bottom 4:20 A.M A.M. Maximum Temperature 106
P.M. P.M.
Initial Hydrostatic Pressure..... (A) 1443 P.S.I.
Initial Flow Period..... Minutes 30 (B) 37 P.S.I. to (C) 255 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 458 P.S.I.
Final Flow Period..... Minutes 30 (E) 263 P.S.I. to (F) 381 P.S.I.
Final Closed In Period..... Minutes 30 (G) 457 P.S.I.
Final Hydrostatic Pressure..... (H) 1433 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.

H+D EXPLORATION
 Start Test Date: 2013/08/22
 Final Test Date: 2013/08/22

KAUFMAN A1

KAUFMAN A1
 Formation: LKC F+G
 Job Number: D1349



Office: **James C. Musgrove**
 Petroleum Geologist
 (620) 588-4250 212 Main St. • P.O. Box 215 • Clarita, KS 67688 Home: (620) 587-3444

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY **H & D Exploration, LLC**

LEASE **Kaufman A1**

FIELD

LOCATION **W2-SW-SE-NW 6 230' FNL 1447' FUL**

SEC **9** TWP **15** RGE **12**

COUNTY **RUSSELL** STATE **Kansas**

CONTRACTOR **Southwind Drilling (Rig #6)**

START **8/17/13** COMP **8/23/13**

RTD **3306** LOG **3300**

MUD JO **2500** TYPE MUD **Chemical**

SAMPLES SAVED FROM **2600**

DRILLING TIME KEPT FROM **2600**

SAMPLES EXAMINED FROM **2600**

GEOLOGICAL SUPERVISION FROM **2600**

GEOLOGIST ON WELL **Wyatt Urban**

ELEVATIONS

KB **1861**

DF

GI **1853**

Measurements Are All From **KB**

CASING
 SIZE ALL **8 1/2" @ 757'**
 PRODUCTION **5 1/2" @ 3300'**



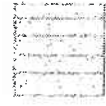



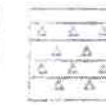
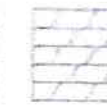
ELECTRICAL SURVIVAL
 Pioneer Energy Services;
 Radiation Guard Log

FORMATION TOPS	LOGS	SAMPLES
Anhydrite	780 +1081	
Base Anhydrite	808 +1053	
Topoka	2643 -782	
Heebner	2912 -1051	
Toronto	2927 -1066	
Douglas	2943 -1082	
Brown Lime	2997 -1136	
Lansing	3011 -1150	
Base Kansas Ch	3272 -1411	
Basal Sand	3298 -1437	
RTD	3306 -1445	
LTD	3300 -1439	

REMARKS

5 1/2" production casing was set & cemented on the Kaufman #1. Respectfully submitted; Wyatt Urban Petroleum Geologist

LEGEND

-  Anhydrite
-  Salt
-  Sandstone
-  Shale
-  Dark sh
-  Limestone
-  Dol. Lime
-  Chert
-  Dolomite

DRILLING TIME
 (Logarithmic Scale)

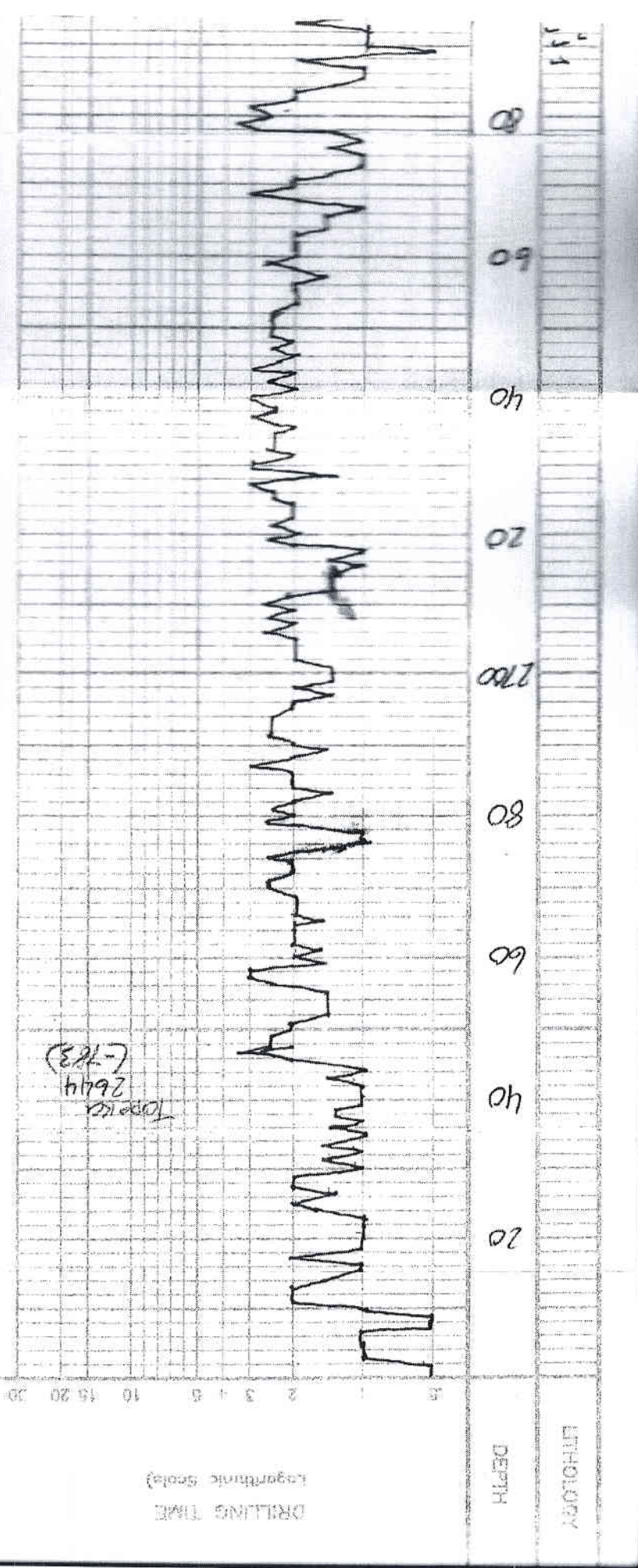
HLID:

ASOTO

5052

2072 001

DEPTHS	LITHOLOGY
0 - 10	Sh. grey/bk, silty
10 - 20	L.S. Tan, Exl, few foss, clay
20 - 30	L.S. grey, Tan, Exl, Foss, Dns
30 - 40	Poor. sand. ϕ . M/S.
40 - 50	Sh. grey/bk, silty
50 - 60	L.S. white, Tan, Exl, Foss, clay
60 - 70	L.S. Tan, Exl, few foss, Dns
70 - 80	Dns. M/S.
80 - 90	L.S. grey/Tan, Foss, clay
90 - 100	Sh. grey/bk, silty

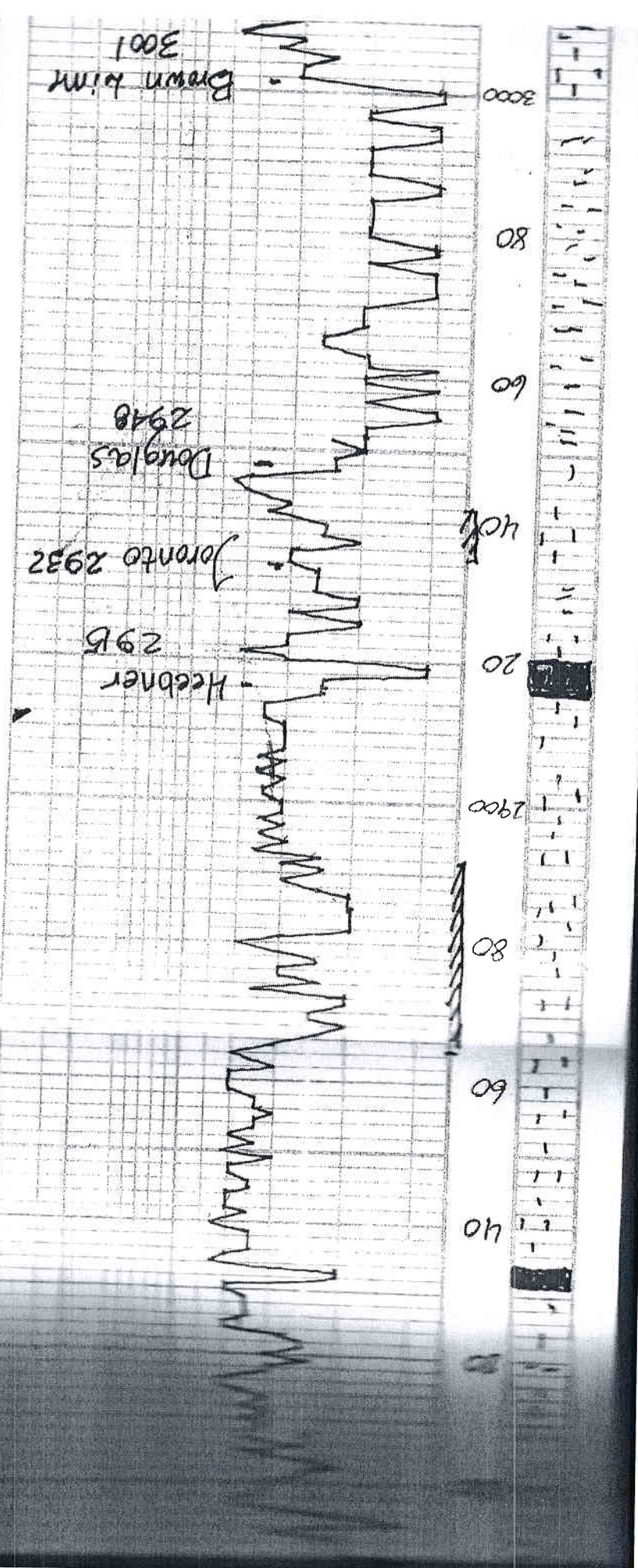


FEET

SAMPLE DESCRIPTIONS

KB-1861'

L.S. TAN, BRN, FCL, ΔY Poor vis φ, NIS, N/O
 SH. A/R, TIC, GR, END.
 SH. GR, RED, GREEN, SILTY
 NISO, NO OOR
 L.S. CRM, CHIKY, SPRTY STN
 SH. GR, RED, GREEN, SILTY
 SPRTY TIC, STN, N/O
 L.S. V. CHIKY, FEW FOS, LT.
 DNS, POOR VIS φ, N/O
 L.S. TAN, LT. BRN, FEW FOS
 BIK Carb. SH.
 STN, NISO
 POOR SCAT φ, LT. SPRTY
 L.S. TAN, FCL, FEW FOS,
 KR 1261
 POOR SCAT φ, NISO, N/O OOR
 L.S. CHIKY, TAN, FEW FOS
 L.S. TAN, FCL, ΔY Poor vis φ
 L.S. TAN, MTL, SL. SANDY, POOR
 SCAT φ, TIC, BRN SPRTY STN.
 L.S. CRM, TAN, FCL, CHIKY
 TIC, LT. BRN STN, NISO, NO OOR



3001

Wansing
3016

20

40

60

80

3100

20

40

60

80

L.S. Tan, Crm, Fxl, Chiky
Φ. N/S. N/A

L.S. Crm, Wht, Fxl, Chiky
• Few Foss. Poor Scott Φ, Lt. Sfo.
Lt. Golden brn str. No odor.

L.S. Tan, Crm, Fxl, Chiky in
parts, Poor Scott Φ, Lt. Sfo.
Sptty. trc. of free oil, No odor.

L.S. Tan, brn, Fxl in pts, Dol.
• Sh. Chiky, Fair com. Φ,
Lt. trc. free oil, odor???

L.S. Tan, Fxl, Poor Scott Φ, Lt.
trc. SFO, No odor.

L.S. Crm, Tan, Fxl, Sl. Chiky
Poor vis Φ, Lt. brn str. NSFO.

L.S. Crm, ^{Tan} com, Fxl, Dns, Poor
Scott Φ, trc. Lt. brn str. Chiky

Sh. Gry, blk, mar, Silty

L.S., Crm, Wht, Dol, Chiky, Good
com Φ, Sfo, good odor.

L.S. Crm, gry dol in pts, Fr.
com Φ, NSFO, No odor.

L.S. Tan, Fxl, Poor vis Φ,
trc. Wht Δ, N/S.

Sh. blk, gry, Silty

L.S. Gry, Fxl, Δy, Poor Scott
Φ, N/S. N/A

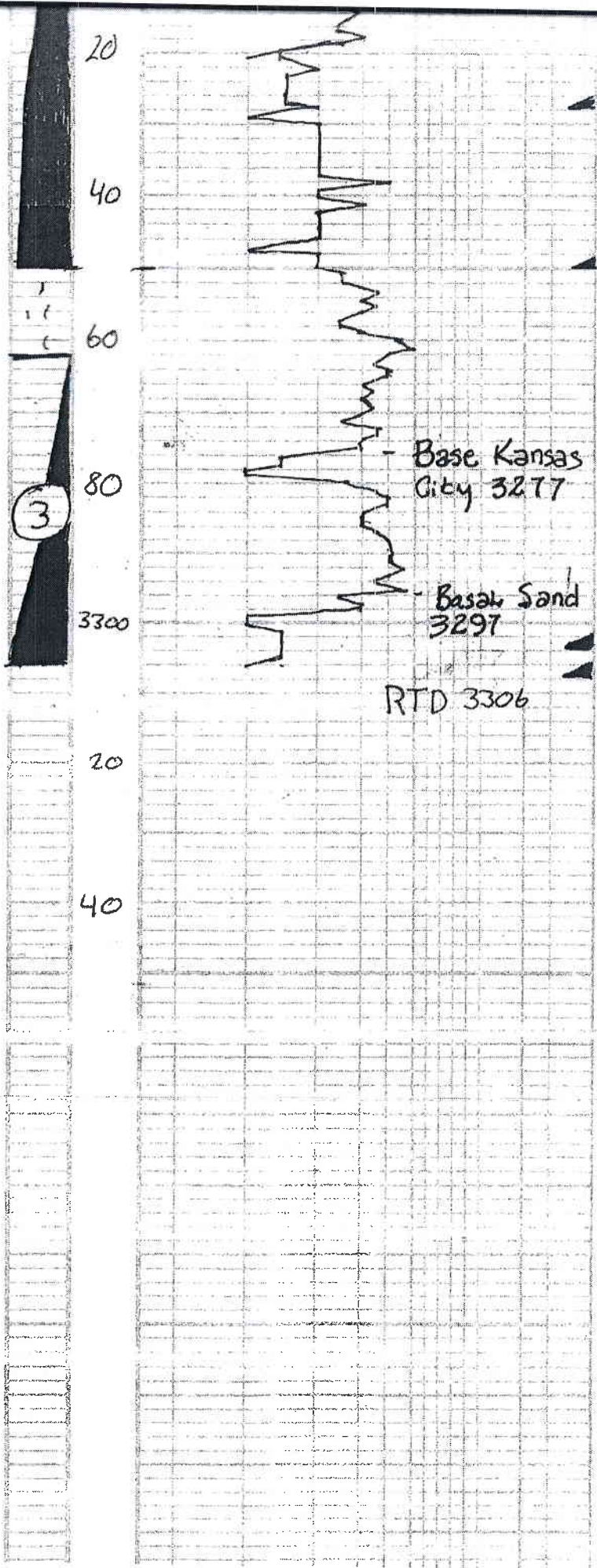
L.S. Crm, Dol, Sl. Dol in pts
Poor Scott Φ, Lt. Sfo, No odor.

L.S. Crm, Fxl, Dol in pts, Lt. Sfo
Chiky, Poor Scott Φ, No odor.

L.S. Crm, Fxl, Dol in pts, Lt. Sfo
Chiky, Poor Scott Φ, No odor.

DST #1 3073-
30-30-30
Blow; BOB 3.5
Recovery
1100' Water w/sh
SPOTS.
Pressures:
ISIP 458 psi
FSIP 457"
IFP 37-255"
FFP 263-381"
HSH 1443-1472"

DST #2 3160
30-30-5-10
Blow; BOB 2.0
Recovery
15' Drilling
Pressures:
ISIP 60
FSIP 373
IFP 37-255"
FFP 263-381"
HSH 1443-1472"



L.S. Tan, brn, Fxl, Few Foss
 Poor scatt ϕ , SFO, Ft. odor
 Lt. brn str.

L.S. Crm, gry, Fxl, Dns, Δy
 Poor scatt ϕ , N/S-

L.S. Crm, Tan, Fxl, Few Foss,
 Poor scatt ϕ , N/S.

L.S. Crm, tan, Fxl, Dns
 Poor scatt ϕ , N/S.

L.S. brn, Fxl, Dns, Δy Poor
 Vis ϕ , N/S.

L.S. Crm, tan, Fxl, ool, Dns
 Poor vis ϕ , N/S, N/O
 Sh. Red, gry, greench.

L.S. A/K, F trc Org. Δ ool. Δ .

QTZ - sd. Cir. sub rounded,
 SFO, good odor. Lt. golden brn
 stain.

DST #3 3262
 30' 30' 30' 30'
 BLOW; BOB 4m
 Recovery
 1200' SLGCMO
 52 Gas, 60% Oil,
 Water
 100' Water
 Pressures
 ISIP-1082 psi
 FSIP 1077 "
 IFP 37.292 "
 FFP 303.479 "
 HSH 1582-1521

RTD 3306

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Shari Feist Albrecht, Chair
Thomas E. Wright, Commissioner
Mark Sievers, Commissioner

Sam Brownback, Governor

January 16, 2014

Chad Thompson
H & D Exploration LLC
165 WEST 1st
PO BOX 387
HOISINGTON, KS 67544

Re: ACO-1
API 15-167-23900-00-00
Kaufman 'A' 1
NW/4 Sec.09-15S-12W
Russell County, Kansas

Dear Chad Thompson:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 8/17/2013 and the ACO-1 was received on January 13, 2014 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 7753

Date	8-18-13	Sec.	9	Twp.	15	Range	12	County	Russell	State	Ks	On Location		Finish	4:00 PM
Lease	Kaufman A		Well No.	1		Location		Bunker hill, Ks - S to D.E., 2E to							
Contractor	Southwind #6		Owner		195th Rd, 25, E/Ink										
Type Job	Surface		To Quality Oilwell Cementing, Inc.		You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.										
Hole Size	12 1/4"		T.D.	757'		Charge To	H+D Exploration								
Csg.	8 3/8"		Depth	757'		Street									
Tbg. Size			Depth			City	State								
Tool			Depth			The above was done to satisfaction and supervision of owner agent or contractor.									
Cement Left in Csg.	30'		Shoe Joint	30'		Cement Amount Ordered	350 sx Common 3 3/8 cc								
Meas Line	Displace		46 1/4 BLS		PLGel										
EQUIPMENT						Common 350									
Pumptrk	16	No.	Cementer	Billy		Poz. Mix									
Bulktrk	13	No.	Driver	David		Gel.	7								
Bulktrk	p.u.	No.	Driver	Rick		Calcium	13								
JOB SERVICES & REMARKS						Hulls									
Remarks:	Cement Ad		Circubates		Salt										
Rat Hole	Flowseal														
Mouse Hole	Kol-Seal														
Centralizers	Mud CLR 48														
Baskets	CFL-117 or CD110 CAF 38														
D/V or Port Collar	Sand														
	Handling 370														
	Mileage														
FLOAT EQUIPMENT						Guide Shoe									
	Centralizer														
	Baskets														
	AFU Inserts														
	Float Shoe														
	Latch Down														
	1 - Baffle plate														
	1 - Rubber plug														
	Pumptrk Charge Long Surface														
	Mileage 18														
Signature						Tax									
Discount															
Total Charge															