



**Notice:** Fill out COMPLETELY and return to Conservation Division at the address below within 60 days from plugging date.

KANSAS CORPORATION COMMISSION 1316594  
OIL & GAS CONSERVATION DIVISION

Form CP-4  
March 2009

Type or Print on this Form  
Form must be Signed  
All blanks must be Filled

**WELL PLUGGING RECORD**  
K.A.R. 82-3-117

OPERATOR: License #: \_\_\_\_\_  
 Name: \_\_\_\_\_  
 Address 1: \_\_\_\_\_  
 Address 2: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_  
 Contact Person: \_\_\_\_\_  
 Phone: ( \_\_\_\_\_ ) \_\_\_\_\_  
 Type of Well: (Check one)  Oil Well  Gas Well  OG  D&A  Cathodic  
 Water Supply Well  Other: \_\_\_\_\_  SWD Permit #: \_\_\_\_\_  
 ENHR Permit #: \_\_\_\_\_  Gas Storage Permit #: \_\_\_\_\_  
 Is ACO-1 filed?  Yes  No If not, is well log attached?  Yes  No  
 Producing Formation(s): List All (If needed attach another sheet)  
 \_\_\_\_\_ Depth to Top: \_\_\_\_\_ Bottom: \_\_\_\_\_ T.D. \_\_\_\_\_  
 \_\_\_\_\_ Depth to Top: \_\_\_\_\_ Bottom: \_\_\_\_\_ T.D. \_\_\_\_\_  
 \_\_\_\_\_ Depth to Top: \_\_\_\_\_ Bottom: \_\_\_\_\_ T.D. \_\_\_\_\_

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  
 County: \_\_\_\_\_  
 Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_  
 Date Well Completed: \_\_\_\_\_  
 The plugging proposal was approved on: \_\_\_\_\_ (Date)  
 by: \_\_\_\_\_ (KCC District Agent's Name)  
 Plugging Commenced: \_\_\_\_\_  
 Plugging Completed: \_\_\_\_\_

Show depth and thickness of all water, oil and gas formations.

Oil, Gas or Water Records		Casing Record (Surface, Conductor & Production)			
Formation	Content	Casing	Size	Setting Depth	Pulled Out

Describe in detail the manner in which the well is plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same depth placed from (bottom), to (top) for each plug set.

Plugging Contractor License #: \_\_\_\_\_ Name: \_\_\_\_\_  
 Address 1: \_\_\_\_\_ Address 2: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_  
 Phone: ( \_\_\_\_\_ ) \_\_\_\_\_  
 Name of Party Responsible for Plugging Fees: \_\_\_\_\_  
 State of \_\_\_\_\_ County, \_\_\_\_\_, ss.  
 \_\_\_\_\_  Employee of Operator or  Operator on above-described well,  
 (Print Name)

being first duly sworn on oath, says: That I have knowledge of the facts statements, and matters herein contained, and the log of the above-described well is as filed, and the same are true and correct, so help me God.

Submitted Electronically

<b>Field Ticket Number:</b> 0903438643	<b>Field Ticket Date:</b> Wednesday, July 20, 2016	<b>Planning Order #:</b> NA
----------------------------------------	----------------------------------------------------	-----------------------------

**Bill To:**  
 CULBREATH OIL & GAS  
 1532 S PEORIA  
 TULSA  
 74120

**Job Name:** 8.625" Surface Casing  
**Order Type:** ZOH  
**Well Name:** Boyd 3-3  
**Company Code:** 1100  
**Customer PO No.:** NA  
**AFE:**  
**Shipping Point:** El Reno, OK  
**Sales Office:** Mid-Continent BD  
**Well Type:** OIL  
**Well Category:** Development  
**Rig Name#:** SOUTHWIND 3

**Ship To:**  
 BOYD #3-3,LOGAN  
  
 OAKLEY  
 67748

Material	Description	QTY	UOM	Unit Amount	Gross Amount	Discount	Net Amount
7521	CMT SURFACE CASING BOM.	1.00	JOB	0.00	0.00		0.00
2	MILEAGE FOR CEMENTING CREW <i>Number of Units</i>	200.00 1	MI	5.76 USD/1 MI	1,152.00	864.00	288.00
1	ZI-MILEAGE FROM NEAREST HES BASE,/UNIT <i>Number of Units</i>	200.00 1	MI	9.79 USD/1 MI	1,958.00	1,468.50	489.50
16091	ZI - PUMPING CHARGE <i>FEET/METERS (FT/M)</i> <i>DEPTH</i>	1.00 266	EA	5,290.00 USD/1 EA	5,290.00	3,967.50	1,322.50
	<b>NOTE: above pump charge is for 4 hrs.</b>						
141	RCM II W/ADC,/JOB,ZI <i>ENTER FEET/METER/JOB/DAY</i> <i>NUMBER OF JOBS</i> <i>NUMBER OF UNITS</i>	1.00 JOB 1 1	JOB	1,990.00 USD/1 JOB	1,990.00	1,492.50	497.50
132	PORT. DAS W/CEMWIN;ACQUIRE W/HES, ZI <i>NUMBER OF DAYS</i>	1.00 1	JOB	1,649.00 USD/1 JOB	1,649.00	1,236.75	412.25
74038	ZI PLUG CONTAINER RENTAL-1ST DAY <i>HR/DAY/WEEK/MTH/YEAR/JOB/RUN</i> <i>DAYS OR FRACTION (MIN1)</i>	1.00 DAY 1	EA	1,322.00 USD/1 EA	1,322.00	991.50	330.50
101227839	PLUG,CMTG, TOP,8 5/8,HWE,7.20 MIN/8.09 MA	1.00	EA	380.00 USD/1 EA	380.00	247.00	133.00
452009	CMT, VariCem (TM) cement	50.00	SK	0.00	3,209.06	1,929.00	1,280.06
101509387	CHEM, CALCIUM CHLORIDE-PELLET, 50 LB SK <i>Calcium Chloride, Pellet</i>	1.00	SK	180.30 USD/1 SK	180.30	135.23	45.07
101216940	CHEM, Pol-E-Flake, 25 lb bag <i>Poly-E-Flake</i>	13.00	LB	8.31 USD/1 LB	108.03	81.02	27.01
452009	CMT, VariCem (TM) cement	50.00	SK	0.00	3,209.06	1,929.00	1,280.06
101509387	CHEM, CALCIUM CHLORIDE-PELLET, 50 LB SK <i>Calcium Chloride, Pellet</i>	1.00	SK	180.30 USD/1 SK	180.30	135.23	45.07
101216940	CHEM, Pol-E-Flake, 25 lb bag <i>Poly-E-Flake</i>	13.00	LB	8.31 USD/1 LB	108.03	81.02	27.01
76400	MILEAGE,CMT MTLs DEL/RET MIN <i>NUMBER OF TONS</i>	100.00 4.95	MI	3.35 USD/1 MI	1,658.25	1,243.69	414.56
3965	HANDLE&DUMP SVC CHRg, CMT&ADDITIVES,ZI <i>Unit of Measurement</i> <i>NUMBER OF EACH</i>	111.00 EA 1	CF	5.49 USD/1 CF	609.39	457.04	152.35
100008028	CHEM, SUGAR,GRANULATED, 50LB BAG	100.00	LB	6.96 USD/1 LB	696.00	487.20	208.80
<b>Totals</b>				<b>USD</b>	<b>23,699.42</b>	<b>16,746.18</b>	<b>6,953.24</b>

Field Ticket Signature

Field Ticket Number: 0903438643      Field Ticket Date: Wednesday, July 20, 2016      Planning Order #: NA

**Bill To:**  
CULBREATH OIL & GAS  
1532 S PEORIA  
TULSA  
74120

**Job Name:** 8.625" Surface Casing  
**Order Type:** ZOH  
**Well Name:** Boyd 3-3  
**Company Code:** 1100  
**Customer PO No.:** NA  
**AFE :**  
**Shipping Point:** El Reno, OK  
**Sales Office:** Mid-Continent BD  
**Well Type:** OIL  
**Well Category:** Development  
**Rig Name#:** SOUTHWIND 3

**Ship To:**  
BOYD #3-3,LOGAN  
  
OAKLEY  
67748

THIS OUTPUT DOES NOT INCLUDE TAXES. APPLICABLE SALES TAX WILL BE BILLED ON THE FINAL INVOICE. CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ABOVE, ON ANY PRECEDING PAGES, AND ATTACHED DOCUMENTS.

Gross Amount Total: 23,699.42  
Item Discount Total: 16,746.18  
**Net Amount Total:** 6,953.24 USD

\_\_\_\_\_  
**Customer Representative Signature:**  
  
Harold  
\_\_\_\_\_  
**Customer Representative**

\_\_\_\_\_  
**Date:**  
  
Tracy Downing  
\_\_\_\_\_  
**Halliburton Representative**

Was our HSE performance satisfactory? (Health, Safety, Environment)  
 Yes     No

Were you satisfied with our equipment?  
 Yes     No

Were you satisfied with our people?  
 Yes     No

Comments:

<b>Field Ticket Number:</b> 0903438643	<b>Field Ticket Date:</b> Saturday, July 23, 2016	<b>Planning Order #:</b> NA
<b>Bill To:</b> CULBREATH OIL & GAS, 1532 S PEORIA, TULSA, OK, 74120	<b>Job Name:</b> 8.625" Surface Casing <b>Order Type:</b> ZOH <b>Well Name:</b> Boyd 3-3 <b>Company Code:</b> 1100 <b>Customer PO No.:</b> NA <b>AFE:</b> <b>Shipping Point:</b> El Reno, OK Shipping Point <b>Sales Office:</b> MID-CONTINENT BD <b>Well Type:</b> OIL <b>Well Category:</b> DEVELOPMENT <b>Rig Name/##:</b> SOUTHWIND 3	
<b>Ship To:</b> BOYD #3-LOGAN, OAKLEY, KS, 67748		

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16091	ZI - PUMPING CHARGE <i>DEPTH FEET/METERS (FT/M)</i>	1 266 FT	EA	5,290.00 USD / 1.00 EA	5,290.00	\$ 3,967.50	1,322.50	
	<b>NOTE: above pump charge is for 4 hrs.</b>							
141	RCM II WADC./JOB,ZI ENTER FEET/METER/JOB/DAY <i>NUMBER OF UNITS</i> <i>NUMBER OF JOBS</i>	1 JOB 1 1	JOB	1,990.00 USD / 1.00 JOB	1,990.00	\$ 1,492.50	497.50	
132	PORT. DAS WCEMWIN/ACQUIRE W/HES. ZI <i>NUMBER OF DAYS</i>	1 1	JOB	1,649.00 USD / 1.00 JOB	1,649.00	\$ 1,236.75	412.25	
74038	ZI PLUG CONTAINER RENTAL-1ST DAY <i>HR/DAY/WEEK/MTH/YEAR/JOB/RUN</i> <i>DAYS OR FRACTION (MIN/1)</i>	1 DAY 1	EA	1,322.00 USD / 1.00 EA	1,322.00	\$ 991.50	330.50	
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452009	CMT, VariCem (TM) cement	50	SK		3,240.86	\$ 1,957.88	1,282.98	
101509387	CHEM, CALCIUM CHLORIDE-PELLET, 50 LB SK <i>Calcium Chloride, Pellet</i>	1	SK	180.30 USD / 1.00 SK	180.30	\$ 135.23	45.07	
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76400	MILEAGE,CMT MTLs DEL/RET MIN <i>NUMBER OF TONS</i>	100 4.95	MI	3.35 USD / 1.00 MI	1,658.25	\$ 1,243.69	414.56	
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<b>Totals</b>					<b>USD</b>	<b>\$ 23,763.02</b>	<b>\$ 16,803.94</b>	<b>\$ 6,959.08</b>

Field Ticket Signature

Field Ticket Number: 0903438643      Field Ticket Date: Saturday, July 23, 2016      Planning Order #: NA

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CULBREATH OIL & GAS,  
1532 S PEORIA,  
TULSA, OK, 74120

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**Order Type:** ZOH  
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**Company Code:** 1100  
**Customer PO No.:** NA  
**AFE :**  
**Shipping Point:** El Reno, OK Shipping Point  
**Sales Office:** MID-CONTINENT BD  
**Well Type:** OIL  
**Well Category:** DEVELOPMENT  
**Rig Name#:** SOUTHWIND 3

**Ship To:**  
BOYD #3-3, LOGAN,  
OAKLEY, KS, 67748

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Gross Amount Total: \$ 23,763.02  
Item Discount Total: \$ 16,803.94  
Net Amount Total: \$ 6,959.08 USD

*Harold*

Customer Representative Signature:

Date:

Harold  
Customer Representative

Rayland Thompson  
Halliburton Representative

Was our HSE performance satisfactory? (Health, Safety, Environment)  
 Yes       No

Were you satisfied with our equipment?  
 Yes       No

Were you satisfied with our people?  
 Yes       No

Comments:





**CONSOLIDATED**  
Oil Well Services, LLC

6363  
6266

TICKET NUMBER 51567  
LOCATION Oakley Ks  
FOREMAN Walt Dunkel

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

**Invoice #808254**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-1-16	2777	Boyd 3-3	3	12 S	32 W	Logan
CUSTOMER		Oadley				
MAILING ADDRESS		6-5014				
CITY		3/4 W				
STATE		S.S.				
ZIP CODE		79135				
TRUCK #		DRIVER		TRUCK #		DRIVER
753		Miles Shaw				
772-T129		Walt Dunkel				

JOB TYPE PTA HOLE SIZE 7 7/8 HOLE DEPTH 4810' CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE 4 1/2 xlt TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting, Rig up on Southwind Drls #8, Plug as ordered

- 50 SKS @ 2600'
  - 100 SKS @ 1600'
  - 50 SKS @ 320'
  - 10 SKS @ 40' w/ Plug
  - 30 SKS in Rlt
  - 15 SKS in Mitt
- 255 SKS 6 7/8" opor, 4 1/2" gel, 3/4" # Flu Seal

Thanks You  
Walt & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CEC 450	1	PUMP CHARGE	1,500.00	1,500.00
CEC 002	5	MILEAGE	7.15	35.75
CEC 711	10.99	Ten Mileage Delivery	660.00	660.00
CC 5829	2.55 SKS	Lite-Weight Blend V	16.00	4080.00
CC 6075	64 #	Flu Seal	3.00	192.00
CP 8228	1	8 5/8 Plug	165.00	165.00
				6,632.75
		Less 4.5% Disc.		-2,984.74
				3,648.01
		SALES TAX		195.23
		ESTIMATED TOTAL		3,843.24

AVIN 3737  
 AUTHORIZATION [Signature] TITLE Toolpusher DATE 8-2-16

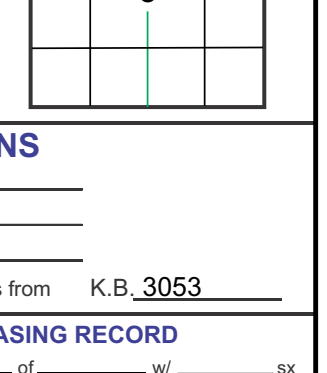
I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

# GEOLOGICAL REPORT

## Larry A. Nicholson

NAD 83  
390456339  
100.86461774

COMPANY **Culbreath Oil & Gas Company, Inc.**  
 LEASE **Boyd #3-3 SE NE NW NW**  
 LOCATION **38° FNL 1260' FWL**  
 SURVEY **38° FNL 1260' FWL**  
 SECTION **3** TWP **12S** RGE **32W**  
 COUNTY **Logan** STATE **Ks**



CONTRACTOR **Southwind** Rig # **\_\_\_\_\_**  
 SPUD **5:30 pm 7-22-16** COIMP **\_\_\_\_\_** ELEVATIONS  
 RTD **4817 9:36 pm 07-30-16** LTD **4810** K.B. **3053**  
 MUD UP AT **3388** D.F. **\_\_\_\_\_**  
 MUD TYPE **Chemical Andy's Mud** G.L. **3043**  
 All measurements from **K.B. 3053**

**CASING RECORD**  
 Surface Bit - Read 12 1/4, Rr (3-15%), rot 266'  
 Bit No. 1 Read S2SP 7-78" (3-15%), in at 266' - total at 415'  
 Bit No. 1.24 Read S2SP 7-78" (3-15%), in at 366' - total at 778'

ELECTRICAL SURVEYS **Halliburton Dan, Neu-Dual, Micro, Sonic, Diviation**

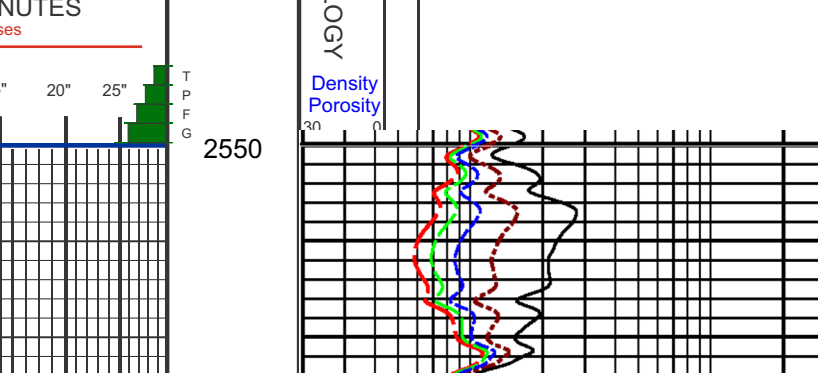
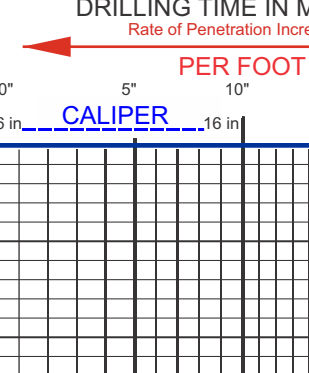
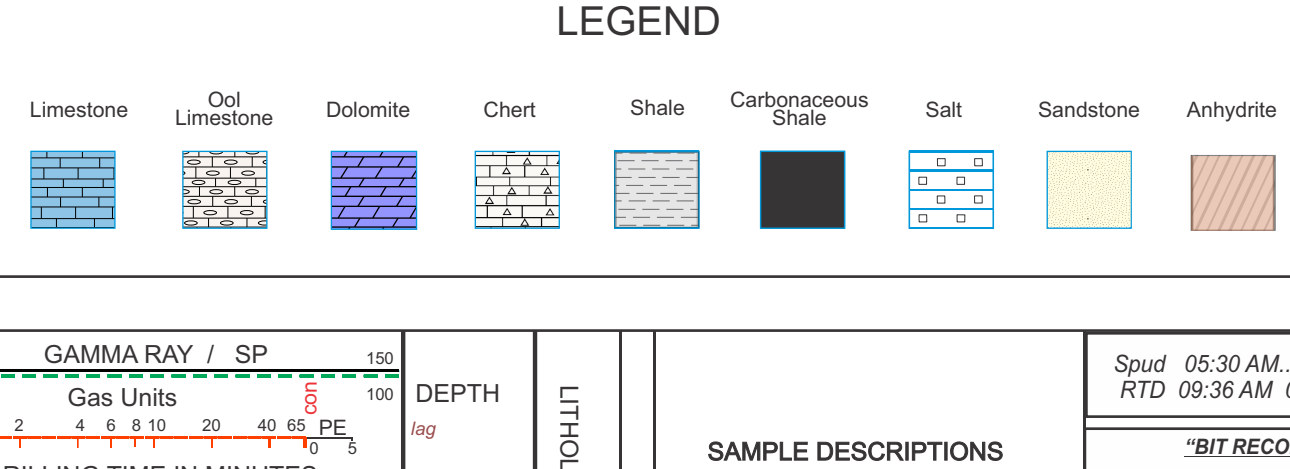
FORMATION	SAMPLE TOPS	SURSEA DATUM	ELEC LOG TOPS	SURSEA DATUM	REFERENCE WELL
Anhydrite	2597	+456	2590	+463	2562 +473 -10
Bu/Anhydrite	2624	+452	2610	+458	2592 +457 -11
Topeka	3812	-759	3811	-758	3792 -747 -11
Haskell Sh	4036	-985	4036	-983	4008 -973 -10
Lansing	4082	-1029	4082	-1029	4052 -1017 -12
Stark Sh	4301	-1248	4299	-1246	4272 -1237 -9
BKC	4365	-1312	4365	-1312	4337 -1302 -10
Marmaton	4418	-1365	4416	-1363	4387 -1352 -11
Cherokee Sh	4584	-1531	4584	-1531	4554 -1519 -12
Johnson Zone	4625	-1572	4627	-1574	4597 -1562 -12
Miss	4686	-1633	4690	-1637	4657 -1622 -15
RTD	4817	-1764	4817	-1764	4765 -1730 -34
LTD			4810	-1757	4756 -1721

REFERENCE WELLS **A: Culbreath O&G, Boyd #2-3, Sec. 3-T12S-R32W, NW SW SE NW** **B: KB 3035**

REMARKS & RECOMMENDATIONS:  
 Based on sample shows and tight dst results the well was P&A

LAN 762, Modified 5/05, 11/11, 4/12 Hanover, KS 66845 1inch = 25.4mm 8.5 x 9.75 216 mm x 2460 mm

### LEGEND



Spud 05:30 AM 07-22-2016  
 RTD 09:36 AM 08-01-2016

"BIT RECORD"  
 Surface Bit - Read 12 1/4, Rr (3-15%), rot 266'  
 Bit No. 1 Read S2SP 7-78" (3-15%), in at 266' - total at 415'  
 Bit No. 1.24 Read S2SP 7-78" (3-15%), in at 366' - total at 778'

"VERTICAL SURVEYS"  
 1/4" @ 1497 34' @ 4117  
 7" @ 2469 7" @ 4660  
 7/8" @ 2896 7" @ 4717  
 1/2" @ 3439

"PUMP DATA"  
 GD D-375  
 Stroke 14" Liner 6"  
 60 Stk/Min  
 350 GAL/Min

"DAILY REPORT"  
 07-22-2016 - 5:30 PM  
 Spud  
 Drtg to 12 1/4' to 266'

Set new 9-5/8" 5 Jt 23W  
 seat @ 265'  
 100 x 60/40 3%CC,  
 2% Gel  
 Halliburton, circ to pits

Plug down 01:30 am 7-23-16

07-24-2016 - 7:00 AM  
 Drtg @ 1920'

07-25-2016 - 7:00 AM  
 Drtg @ 2,725'

07-26-2016 - 7:00 AM  
 Drtg @ 3,240'

07-28-2016 - 7:00 AM  
 Drtg @ 4,040'

07-29-2016 - 7:00 AM  
 Det #1 @ 4,157'

07-30-2016 - 7:00 AM  
 Drtg @ 4,418'

07-31-2016 - 7:00 AM  
 Det #2 @ 4,460'

08-01-2016 - 7:00 AM  
 Drtg @ 4,790'

08-01-2016 - 5:36 AM  
 RTD @ 3,817'

08-01-2016 - 1:30 AM  
 Halliburton  
 LTD @ 4,810'

Mud Check 4 at 4,062'  
 vis: 58 wt 9.1 Color: 300  
 LCM: 1.28 Ph: 10.0 WL: 7.6

DST (1) 4143-4157  
 30-60-30-90

IF: Weak blow 1" to 1/2"  
 IS: no blow  
 FS: no blow

Total Rec: 9'  
 5' SOCM 150 RPM

FP: 17-24 FFP: 25-24  
 SJP: 692 FSP: 537  
 HP: 1985 FHP: 1942



Temp 122 F

Pipe Strap  
 Board #1783  
 Strap #176,55  
 Board long 28

Mud Check 8 at 4,473'  
 vis: 58 wt 9.1 Color: 1000  
 LCM: 2.8 Ph: 10.0 WL: 7.6

DST (2) 4619-4660  
 30-30-30-60

IF: Weak surf blow  
 IS: no blow  
 FS: no blow

Total Rec: 10'  
 10' SOCM 150 RPM

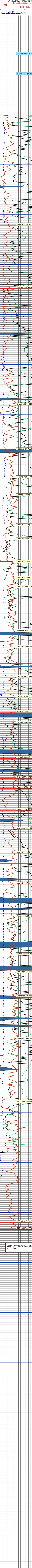
FP: 31-36 FFP: 35-39  
 SJP: 189 FSP: 107  
 HP: 2343 FHP: 2337



Temp 122 F

Mud Check 9 at 4,460'  
 vis: 58 wt 9.2 Color: 1000  
 LCM: 2.8 Ph: 10.0 WL: 7.6

Mud Check 10 at 4,660'  
 vis: 51 wt 9.4 Color: 1000  
 LCM: 4.08 Ph: 9.0 WL: 8.0



**SAMPLE DESCRIPTIONS**

2550  
 Mud Check 6 at 3,659'  
 vis: 51 wt 8.7 Color: 500  
 LCM: 1.58 Ph: 10.0 WL: 8.3

2600  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

2650  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

2700  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

2750  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

2800  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

2850  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

2900  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

2950  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

3000  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

3050  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

3100  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

3150  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

3200  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

3250  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

3300  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

3350  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

3400  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

3450  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

3500  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

3550  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

3600  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

3650  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

3700  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

3750  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

3800  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

3850  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

3900  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

3950  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

4000  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

4050  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

4100  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

4150  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

4200  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

4250  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

4300  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

4350  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

4400  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

4450  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

4500  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

4550  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

4600  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

4650  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

4700  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

4750  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

4800  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

4850  
 Ls, tan, micro vln xln, tan ool, trc spary calc xln & foss in part, pr intra xln por, vln xln in part, n stn, n odor, n sho

RTD 4817 09:36 am 08/01/2016  
 LTD 4810

COMPANY **Culbreath Oil & Gas Company, Inc.**  
 LEASE **Boyd #3-3 SE NE NW NW**  
 LOCATION **38° FNL 1260' FWL**  
 SURVEY **38° FNL 1260' FWL**  
 SECTION **3** TWP **12S** RGE **32W**  
 COUNTY **Logan** STATE **Ks**

ELEVATIONS  
 K.B. **3053**  
 D.F. **\_\_\_\_\_**  
 G.L. **3043**  
 All measurements from **K.B. 3053**

