



KANSAS CORPORATION COMMISSION 1084254
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34344
Name: Culbreath Oil & Gas Company, Inc.
Address 1: 1532 S PEORIA AVE
Address 2: _____
City: TULSA State: OK Zip: 74120 + 6202
Contact Person: Billy Schmidt
Phone: (918) 749-3508
CONTRACTOR: License # 34233
Name: Maverick Drilling LLC
Wellsite Geologist: Patrick Deenihan
Purchaser: NA

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
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

10/13/2011	10/20/2011	10/20/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-065-23772-00-00
Spot Description: _____
SE NE SE Sec. 7 Twp. 9 S. R. 24 East West
1650 Feet from North / South Line of Section
330 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Graham
Lease Name: JACK Well #: 1-7
Field Name: WC
Producing Formation: LKC
Elevation: Ground: 2453 Kelly Bushing: 2461
Total Depth: 4090 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 300 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: 800 ppm Fluid volume: 640 bbls
Dewatering method used: Evaporated
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

Letter of Confidentiality Received
Date: _____

Confidential Release Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III Approved by: Deanna Cantor Date: 06/20/2012



1084254

Operator Name: Culbreath Oil & Gas Company, Inc. Lease Name: JACK Well #: 1-7
 Sec. 7 Twp. 9 S. R. 24 East West County: Graham

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: CDN, DI, Micro	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>2145</td> <td>323</td> </tr> <tr> <td>Base Anhydrite</td> <td>2180</td> <td>284</td> </tr> <tr> <td>Heebner</td> <td>3775</td> <td>1307</td> </tr> <tr> <td>Toronto</td> <td>3800</td> <td>1332</td> </tr> <tr> <td>Lansing</td> <td>3816</td> <td>1348</td> </tr> <tr> <td>BKC</td> <td>4092</td> <td>1624</td> </tr> </table>	Name	Top	Datum	Anhydrite	2145	323	Base Anhydrite	2180	284	Heebner	3775	1307	Toronto	3800	1332	Lansing	3816	1348	BKC	4092	1624
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CASING RECORD <input checked="" 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
Surface	12.25	8.625	23	325	Common	200	3%cc, 2%gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ Plug Off Zone	-			

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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ALLIED CEMENTING CO. LLC. 035824

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell, KS

DATE <u>10-14-11</u>	SEC. <u>7</u>	TWP. <u>9S</u>	RANGE <u>24W</u>	CALLED OUT	ON LOCATION	JOB START <u>1:15am</u>	JOB FINISH <u>1:45am</u>
LEASE <u>2c</u>	WELL # <u>1-7</u>	LOCATION <u>11 N of wakeeney</u>			COUNTY <u>GroM</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		9 W 3 N 1 W 1/4 N Winto					

CONTRACTOR Maverick #108 OWNER _____

TYPE OF JOB Surface

HOLE SIZE _____ T.D. 334' CEMENT _____

CASING SIZE 8 5/8 DEPTH _____ AMOUNT ORDERED 200SK COM

TUBING SIZE _____ DEPTH _____ 3% CC 2% Gel

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____ COMMON 200 @ 16.25 3250.00

MEAS. LINE _____ SHOE JOINT _____ POZMIX _____ @ _____

CEMENT LEFT IN CSG. 15 ft GEL 4 @ 21.25 85.00

PERFS. _____ CHLORIDE 7 @ 58.20 407.40

DISPLACEMENT 20.32 ASC _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER Heath

409 HELPER Todd

BULK TRUCK _____ @ _____

410 DRIVER Cody

BULK TRUCK _____ @ _____

_____ DRIVER _____ @ _____

HANDLING 211 @ 2.25 474.75

MILEAGE 11/16 hrs @ _____ 1392.60

TOTAL 5609.75

REMARKS:

Run Joints of 8 5/8 casing and landing joint

Est Circulation with mud pump

Mixed 200SK & Disposed 200 bbl of #20

Shut in @ 300 psi

Cement did circulate 1'

Thanks !!

CHARGE TO: Culbreath Oil

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 1125.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 60 @ 7.00 420.00

MANIFOLD _____ @ _____

CUM 60 @ 4.00 240.00

TOTAL 1785.00

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

To Allied Cementing Co., L.L.C.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (if Any) _____

TOTAL CHARGES 2394.75

PRINTED NAME Jeremy Swakey

DISCOUNT 20% IF PAID IN 30 DAYS

SIGNATURE 

ALLIED CEMENTING CO., LLC. 036094

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Dakley, ks

DATE <u>10-20-11</u>	SEC <u>7</u>	TWP. <u>9</u>	RANGE <u>24</u>	CALLED OUT	ON LOCATION <u>3:00pm</u>	JOB START <u>7:30pm</u>	JOB FINISH <u>8:30pm</u>
LEASE <u>Jack</u>	WELL # <u>1-7</u>	LOCATION <u>St. Peter 3N, 4E, 3N,</u>			COUNTY <u>Graham</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		<u>1W, 44 N White</u>					

CONTRACTOR Maverick 108

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D. 4090'

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 DEPTH 2160'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 27.16 bbl

OWNER Same

CEMENT

AMOUNT ORDERED 220 sks 64/40 4 bags
1/4 # flo-seal

COMMON	<u>132 sks @</u>	<u>16.25</u>	<u>2145.00</u>
POZMIX	<u>88 sks @</u>	<u>8.50</u>	<u>748.00</u>
GEL	<u>8 sks @</u>	<u>21.25</u>	<u>170.00</u>
CHLORIDE	@		
ASC	@		
<u>flo-seal</u>	<u>55 # @</u>	<u>2.70</u>	<u>148.50</u>
	@		
	@		
	@		
	@		
	@		
	@		
HANDLING	<u>230 sks @</u>	<u>2.25</u>	<u>517.50</u>
MILEAGE	<u>108 sk/mile</u>		<u>1644.50</u>
TOTAL			<u>5373.50</u>

EQUIPMENT

PUMP TRUCK CEMENTER LaRene

431 HELPER Darren

BULK TRUCK

394/112 DRIVER Earl

BULK TRUCK

_____ DRIVER _____

REMARKS:

Mix 25 sks at 2160'

Mix 100 sks at 985'

Mix 40 sks at 384'

Mix 10 sks at 401 with plug

plug mousehole with 15 sks

plug rat hole with 30 sks

Thank you

SERVICE

DEPTH OF JOB	<u>2160'</u>	
PUMP TRUCK CHARGE		<u>1250.00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>65 X 2</u>	@ <u>7.00</u> <u>910.00</u>
MANIFOLD	@	
<u>light vehicle</u>	@	<u>4.00</u> <u>520.00</u>
	@	
TOTAL		<u>2680.00</u>

CHARGE TO: Culbreath Oil & Gas Co. Inc

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<u>Top wooden plug</u>	@	<u>92.00</u>
	@	
	@	



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Culbreath Oil & Gas Co. Inc.

7 9s 24w Graham Ks.

1532 S. Peoria Ave.
Talsa Ok. 74120

Jack #1-7

Job Ticket: 041972

DST#: 2

ATTN: Pat Deenihan

Test Start: 2011.10.19 @ 03:15:00

GENERAL INFORMATION:

Formation: LKC-K

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:15:30

Time Test Ended: 10:41:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Kreutzer Jr.

Unit No: 36

Interval: 3996.00 ft (KB) To 4016.00 ft (KB) (TVD)

Reference Elevations: 2468.00 ft (KB)

Total Depth: 4016.00 ft (KB) (TVD)

2458.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 6752

Inside

Press@RunDepth: 94.94 psig @ 3998.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.10.19

End Date:

2011.10.19

Last Calib.:

2011.10.19

Start Time: 03:15:00

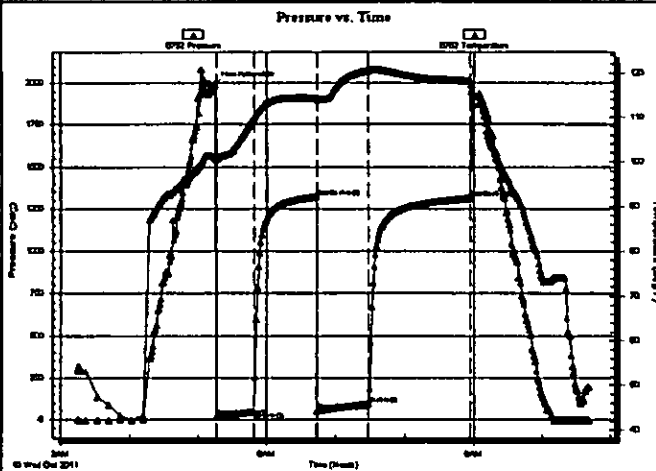
End Time:

10:41:30

Time On Btm

Time Off Btm 2011.10.19 @ 05:14:00

TEST COMMENT: F: Weak blow, Built to 1 1/4 in. over 30 mins.
 IS: No blow back over 45 mins.
 FF: Weak blow, Built to 1/4 in. over 45 mins.
 FS: No blow back over 90 mins.



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1993.02	100.99	Final Hydro-static
2	19.74	100.51	Open To Flow (1)
35	51.16	109.83	Shut-In(1)
89	1322.78	114.33	End Shut-In(1)
90	54.37	114.10	Open To Flow (2)
135	94.94	120.55	Shut-In(2)
223	1314.13	118.15	End Shut-In(2)

Recovery

Length (ft)	Description	Volume (bbl)
150.00	mcw -20% m80%w	2.10

Gas Rates

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

