

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

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

Gas DH EOR

OG GSW

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 EOR Conv. to SWD
 Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

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

API No.: _____

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 Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
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>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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810 E 7TH
 PO Box 92
 EUREKA, KS 67045
 (620) 583-5561



Cement or Acid Field Report
 Ticket No. **7057**
 Foreman David Gardner
 Camp Eureka

API# 15-015-24191

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
3-7-23	1259	JW Smith #4B	20	28S.	4E.	Butler	KS
Customer <u>Hawkins Oil LLC</u>		Safety Meeting DG AM DK		Unit # <u>104</u>	Driver <u>Alan M.</u>	Unit #	Driver
Mailing Address <u>P.O. Box 731</u>				<u>113</u>	<u>Dan K.</u>		
City <u>Andover</u>	State <u>KS</u>	Zip Code <u>67002</u>					

Job Type Longstring Hole Depth 2490' K.B. Slurry Vol. 49 Bbl-Longstring Tubing _____
 Casing Depth 2479.62' = 3' Above K.B. Hole Size 7 7/8" Slurry Wt. 13.8* Drill Pipe _____
 Casing Size & Wt. 5 1/2" 15.50* Cement Left in Casing 0' Water Gal/SK _____ Other _____
 Displacement 60 3/4 Bbl Displacement PSI 1000 Bump Plug to 1500 PSI BPM _____

Remarks: Safety Meeting: 5 1/2" 15.50* New Casing set @ 2479.62' = 3' above K.B. + 10' above T.D. Rig up to 5 1/2" casing. Break circulation w/ fresh water, set Packer Shoe @ 1000 PSI, pump 15 Bbl fresh water. Mixed 150 sks Thick Set Cement w/ 5* Kolseal/sk, 2* Phenoseal/sk @ 13.8*/gal, yield 1.85 = 49 Bbl slurry. Wash out pump & lines. Shut down. Release Rubber plug. Displace plug to seat w/ 60 3/4 Bbl fresh water. Final pumping pressure of 1000 PSI. Bump plug to 1500 PSI. Wait 2 mins. Release pressure. Float + Plug held. Good circulation @ all times while cementing. Job complete. Rig down.

Plug R.H. w/ 20 sks + M.H. w/ 15 sks
Centralizers on #1, 2, 3, 4 Basket on #5

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C102	1	Pump Charge	1180.00	1180.00
C107	50	Mileage	5.00	250.00
C201	185 sks	Thick Set Cement } 150 sks Longstring	24.25	4486.25
C207	925*	Kolseal 5*/sk } 20 sks R.H. + 15 sks M.H.	.56	518.00
C208	370*	Phenoseal 2*/sk	1.55	573.50
C1088	10.17 Tons	Ton Mileage - 50 Miles	1.50	762.75
C752	1	5 1/2" Type A Packer Shoe	1730.00	1730.00
C404	1	5 1/2" Top Rubber Plug	87.00	87.00
C504	4	5 1/2" x 7 7/8" Centralizers	59.00	236.00
C604	1	5 1/2" Cement Basket	278.00	278.00
C792	1	5 1/2" Weld on Collar	150.00	150.00
<u>Thank You</u>			Sub Total	10,251.50
			Less 5%	538.77
			6.5% Sales Tax	523.83

Authorization by Dan Flowers

Title Co/Rep.

Total 10,236.56

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

810 E 7TH
 PO Box 92
 EUREKA, KS 67045
 (620) 583-5561



Cement or Acid Field Report
 Ticket No. **7082**
 Foreman KEVIN McCoy
 Camp EUREKA

C#6
 D#19
 R#3

API #15-015-24191

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
3-4-23	1259	J W Smith # 4B	20	285	4E	Butler	Ks
Customer		Safety Meeting Km Am SF	Unit #	Driver		Unit #	Driver
Mailing Address			104	ALAN M			
City			112	SHANNON F.			
State							
Zip Code							
City							
State							
Zip Code							

Job Type SURFACE Hole Depth 225' K.B. Slurry Vol. 31 BBL Tubing _____
 Casing Depth 211' G.L. Hole Size 12 1/4" Slurry Wt. 15" Drill Pipe _____
 Casing Size & Wt. 8 5/8" 23 # Cement Left in Casing 20' ± Water Gal/SK _____ Other _____
 Displacement 13.2 BBL Displacement PSI _____ Bump Plug to _____ BPM _____

Remarks: SAFETY Meeting: Rig up to 8 5/8" casing. BREAK Circulation w/ 10 BBL Fresh water. Mixed 130 SKS CLASS A' Cement w/ 3% CaCl2 2% Gel 1/4" Floseal/sk @ 15.0#/gal, yield 1.35 = 31 BBL Slurry. Displace w/ 13.2 BBL Fresh water. Shut casing in. Good Cement Returns to Surface = 6 BBL Slurry to Pit. Job Complete. Rig down.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C101W	1	Pump Charge	1265.00	1265.00
C107	50	Mileage	5.00	250.00
C200	130 SKS	CLASS "A" Cement	18.55	2411.50
C205	350 #	CaCl2 3%	.75 #	262.50
C206	240 #	Gel 2%	.30 #	72.00
C209	36 #	Floseal 1/4 #/sk	2.80 #	84.00
C108B	6.1 TONS	Ton Mileage 50 miles	1.50	457.50
			Sub Total	4802.50
			Less 5%	249.32
			Sales Tax	183.95
			Total	4,737.13

THANK YOU
 M

Authorization By Judd Gulick Title C#6 Toolpusher

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

Hawkins Oil, LLC
Tulsa, Oklahoma

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: J.W. Smith #4 B
Well Id: 15-015-24191
Location: W/2 SE NE SW section 20-T28S-R4E
License Number: 32693
Spud Date: 3-4-23
Surface Coordinates:
Region: Butler County
Drilling Completed: 3-7-23

Bottom Hole
Coordinates:
Ground Elevation (ft): 1276
Logged Interval (ft): 2000
Formation: Arbuckle
Type of Drilling Fluid:
K.B. Elevation (ft): 1285
To: R.T.D. Total Depth (ft): 2490

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Hawkins Oil, LLC
Address: 427 S. Boston Ave. #915
Tulsa, Oklahoma 74103-4114

GEOLOGIST

Name: William M. Stout
Company:
Address: 1441 N. Rock Road #1903
Wichita, Kansas 67206

Comments

The decision was made to set and cement 5 1/2" casing to further evaluate the Arbuckle though an open hole completion.

Formation Tops and Show Descriptions

G.L. 1276	K.B. 1285
Formation	Sample
Kansas City	2046 -761
BKC	2257 -972
Marmaton	2284 -999
Altamont	2333 -1048
Cherokee	2416 -1131
Ardmore	2461 -1176
Arbuckle	2477 -1192
Total Depth	2490 -1205

Kansas City 2046' -761 2068' – 2080'

Limestone – light brown, brown, fossiliferous, some oolitic, chalky, fair odor, slight show free oil, scattered inter-crystalline porosity, trace fluorescence.





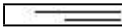
Arbuckle 2477' -1192 2477' – 2486'

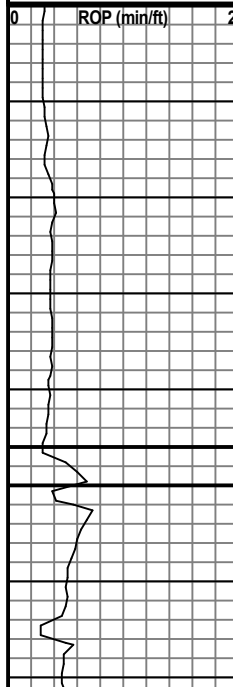
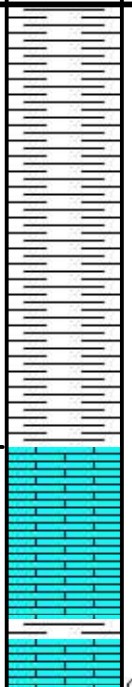
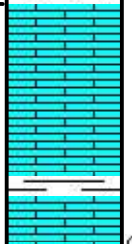
Dolomite – light gray, light brown, fine crystalline, dense, faint odor, few pieces with inter-crystalline porosity, trace fluorescence.

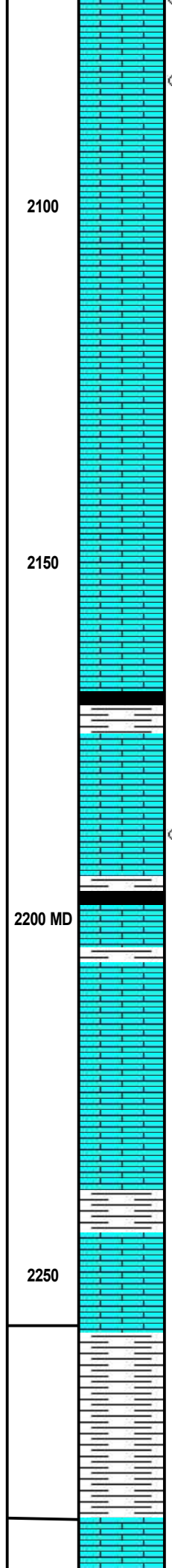
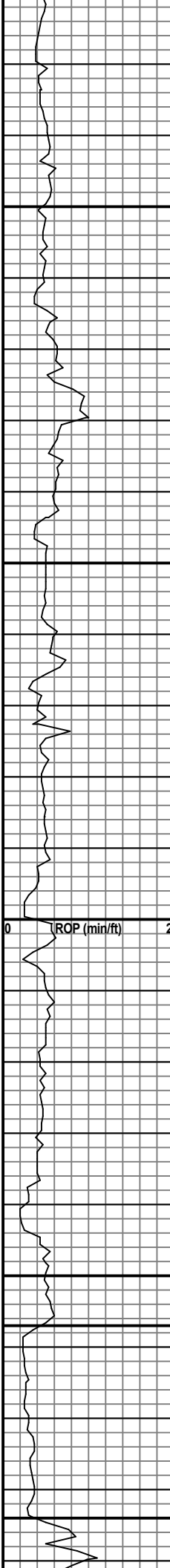
2486' – 2490'

Dolomite – light brown, fine crystalline, some sucrosic, trace cherty, strong odor, brown stain, some saturated, good show free oil, inter-crystalline porosity with fluorescence (45%).

ROCK TYPES

	Anhy		Clyst		Gyp		Mrlst		Shgy
	Bent		Coal		Igne		Salt		Sltst
	Brec		Congl		Lmst		Shale		Ss
	Cht		Dol		Meta		Shcol		Till

Curve Track 1 ROP (min/ft) _____	D S T	MD	Lithology	Oil Shows	Geological Descriptions	Remarks
		2000			Sh- gy, m gy. Sh- a.a. Sh- gy, sli calc. Sh- a.a.	9:30 a.m. 3-6-23 Kansas City 2046' -761
		2050			Ls- lt bm, lt gy, f-x, fos, s/ dns, NS. Ls- lt bm, bm, f-x, fos, s/ ool, chky, fr odor, scat lt stn, SSFO, scat inxtln por, tr fluor.	



Ls- bm, lt bm, f-x, fos, chky, s/ dns, s/ show a.a.

Ls- bm, lt bm, f-x, fos, chky, s/ dns, NS, scat inxtln por.

Ls- lt bm, lt gy, f-x, fos, dns, chky, NS.

Ls- a.a.

Ls- lt bm, f-x, fos, s/ dns, vy chky, s/ pure wht, NS.

Ls- a.a.

Ls- lt bm, lt gy, f-x, fos, s/ dns, chky, NS.

Ls- lt bm, bm, f-x, fos, dns, NS, w/ Sh- gy, s/ blk.

Ls- bm, f-x, fos, s/ dns, chky, ft odor, s/ lt stn, scat inxtln por w/ fluor, tr SFO.

Ls- lt gy, lt bm, f-x, fos, dns, w/ Sh- gy, dk gy, blk, s/ carb.

Ls- a.a.

Ls- gy, lt gy, f-x, fos, dns, arg, NS, w/ Sh- gy, m gy.

Ls- lt bm, bm, f-x, fos, dns, NS.

Ls- a.a., w/ Sh- gy, dk gy.

Ls & Sh- a.a.

Sh & Ls- a.a.

Base Kansas City 2257' -972

Marmaton 2284' -999

