



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1187007
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: _____

1187007

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Quail Oil & Gas, LC
Well Name	Smith 1-22
Doc ID	1187007

Tops

Name	Top	Datum
Heebner	1018	+251
Lansing	1338	-69
Swope	1681	-412
Cherokee	1994	-725
Squirrel Sand	2002	-733
Cattlemans Sand	2100	-831
Bartlesville	2202	-932
Mississippi	2360	-1091



Geologist's Report
Drilling Time and Sample Log

Operator: Quail Oil & Gas, LC
Well No: #1-22
Field: Wildcat APl No. 15-111-20495

Elevation: KB 1269'
DF 1269'

Location: SW NE SE NW --- 1950' FNL & 1550' FWL
Sec: 22 TWP: 18S RGE: 10E

County: Lyon STATE: Kansas

Contractor: C & G Drilling #2
Comm: 01/26/2014 Comp: 01/29/2014

RTD: 2415' LOC TO: 2412'
SAMPLER SAVED FROM: 1500' TO: TD
DILLING TIME KEPT FROM: 1500' TO: TD

SAMPLER EXAMINED FROM: 1500' TO: TD
GEOLOGICAL SUPERVISION FROM: 1500' TO: TD

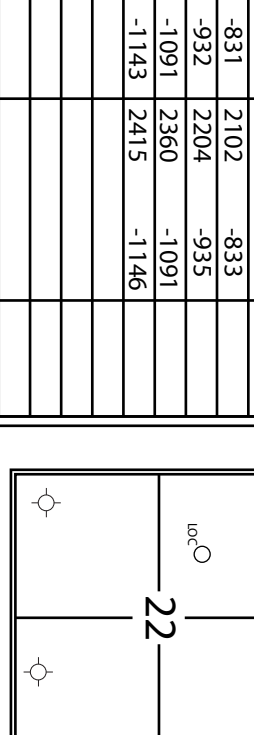
MUD UP: _____ TYPE MUD: CHEMICAL
FORMATION: _____ LOG: _____ SAMPLE: _____ STRUC: _____

FEEDER: _____ TOP: _____ DATA: _____ COMP: _____

Lansing 1338 -69
Swope 1681 -412 1674 -405
Cherokee 1994 -725 1993 -724

Squiere SD 2002 -733 2008 -739
Cattlemans SD 2100 -831 2102 -833
Bartlesville 2201 -932 2204 -935

Mississippian 2360 -1091 2360 -1091
TD 2412 -1143 2415 -1146



REFERENCE WELL FOR STRUCTURAL POSITION

GEOLOGIST
Name: David A. Barker
Company: _____
Address: 212 N. Market, Suite# 320
Wichita, Kansas 67202
(316) 259-4294, 2Barker@sbcglobal.net

OPERATOR
Company: Quail Oil & Gas
Address: 525 Industrial Dr.
P.O. Box K
Garden City, KS

Remarks
Due to the lack of reservoir development and oil and gas shows in the target zones, the well was plugged and abandoned.

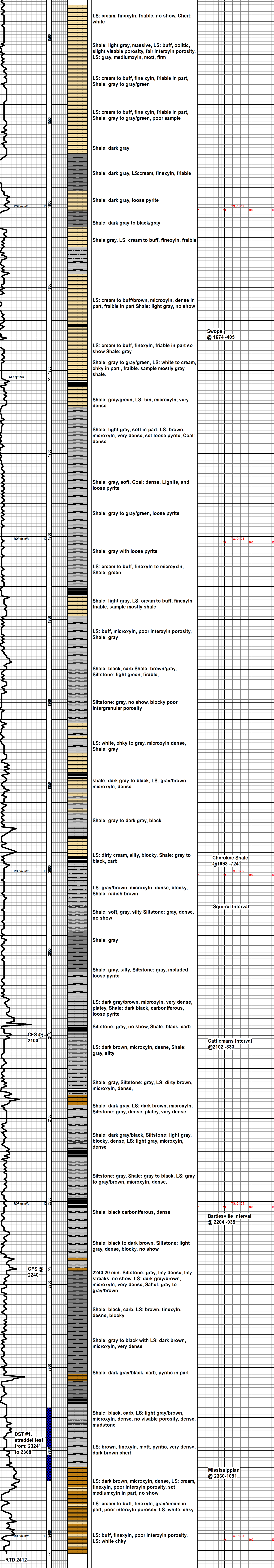
Contractor
C&G Drilling Rig #2
701 E. River ST
Eureka, KS
67045



- FOSSIL**
- Algae
 - Amph
 - Belm
 - Bioclst
 - Brach
 - Bryozoa
 - Cephal
 - Coral
 - Crin
 - Echin
 - Fish
 - Foram
 - Fossil
 - Gastro
 - Oolite
 - Ostra
 - Pelec
 - Pellet
- MINERAL**
- Anhy
 - Arggrm
 - Arg
 - Bent
 - Bit
 - Brecfrag
 - Calc
 - Carb
 - Chtdk
 - Dol
 - Feldspar
- ACCESSORIES**
- Ferrpel
 - Ferr
 - Glau
 - Gyp
 - Hvymrn
 - Kaol
 - Marl
 - Minxl
 - Nodule
 - Phos
 - Pyr
 - Salt
 - Sandy
 - Silt
 - Sil
 - Sulphur
 - Tuff
 - Chlorite
 - Dol
- STRINGER**
- Anhy
 - Arg
 - Bent
 - Coal
 - Dol
 - Gyp
 - Ls
 - Mststrg
 - Ssstrg
 - Carbsh
 - Clystn
 - Dol
 - Grysh
 - Gryst
- TEXTURE**
- Boundst
 - Chalky
 - Cryxln
 - Earthy
 - Finexln
 - Grainst
 - Lithogr
 - Microxln
 - Mudst
 - Packet
 - Wackest

- INTERVALS**
- Core
 - Dst
- EVENTS**
- Rft
 - Sidewall
 - Cfs
 - Conn
- POROSITY TYPE**
- Earthy
 - Fenest
- OTHER SYMBOLS**
- Fracture
 - Inter
 - Moldic
 - Organic
 - Pinpoint
 - Vuggy
- LITHOLOGY**
- Anhy
 - Cht
 - Congl
 - Shale
 - Shgy
 - Ss
- ROCK TYPES**
- Carb shale
 - Gray shale
 - Sandy lmst
 - Shale
 - Silt stn
 - Shaly slst
 - Silty shale
 - Blank
 - Gray lmst
 - Cream lmst
 - Red shale
 - Blue-green siltstn
 - D. green shale
 - Green shale
 - Silty shale
 - Blank
 - Gray lmst
 - Cream lmst
 - Red shale
 - Blue-green siltstn
 - D. green shale
 - Green shale
 - Brown lmst
 - Brown shale
 - Brown dol
 - Brown cream
 - D. green lmst
 - Light cream lmst
 - Gray cream lmst
 - Green dol
 - Gray dol
 - Well
 - Moderate
 - Poor
- ROUNDING**
- Rounded
 - Subrnd
 - Subang
 - Angular
- OIL SHOWS**
- Even
 - Spotted
 - Ques
 - Dead
 - Gas show

- ROCK TYPES**
- Anhy
 - Cht
 - Congl
 - Shale
 - Shgy
 - Ss
 - Carb shale
 - Gray shale
 - Sandy lmst
 - Shale
 - Silt stn
 - Shaly slst
 - Silty shale
 - Blank
 - Gray lmst
 - Cream lmst
 - Red shale
 - Blue-green siltstn
 - D. green shale
 - Green shale
 - Brown lmst
 - Brown shale
 - Brown dol
 - Brown cream
 - D. green lmst
 - Light cream lmst
 - Gray cream lmst
 - Green dol
 - Gray dol



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



**Cementing & Acidizing
of Kansas, LLC**



Cement or Acid Field Report	
Ticket No.	1053
Foreman	<i>Kevin McCoy</i>
Camp	<i>EUREKA</i>

API # 15-111-20495

Date	Customer ID #	Lease & Well Number	Section	Township	Range	County	State
1/25/14	1016	Smith 1-22	22	18S	10E	LYON	Ks
Customer: <i>QUAIL OIL & GAS</i>			Unit #	Driver	Unit #	Driver	
Mailing Address: <i>525 INDUSTRIAL DR. P.O. BOX K</i>			102	<i>SHANNON F.</i>			
City: <i>GARDEN CITY</i>			111	<i>RUDY M.</i>			
State: <i>Ks</i>							
Zip Code: <i>67846</i>							

Job Type SURFACE Hole Depth 125' KB Slurry Vol. 20 BBL Tubing _____
 Casing Depth 115' G.L. Hole Size 12 1/4" Slurry Wt. 14.8* Drill Pipe _____
 Casing Size & Wt. 8 5/8 23* Cement Left in Casing 15' Water Gal/SK 6.5 Other _____
 Displacement 7.2 BBL Displacement PSI _____ Bump Plug to _____ BPM _____

Remarks: *SAFETY Meeting: Rig up to 8 5/8 casing. BREAK Circulation w/ Fresh water. MIXED 85 SKS CLASS "A" Cement w/ 3% CaCl2, 2% Gel, 1/4" FIO-SEAL /SK @ 14.8*/GAL. Displace w/ 7.2 BBL Fresh water. Shut casing in. Good Cement Returns to SURFACE. Job Complete. Rig down.*

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 101	1	Pump Charge	840.00	840.00
C 107	60	Mileage	3.95	237.00
C 200	85 SKS	CLASS "A" Cement	15.00	1275.00
C 205	240*	CaCl2 3%	.60*	144.00
C 206	160*	Gel 2%	.20*	32.00
C 207	25*	FIO-SEAL 1/4"*/SK	2.25*	56.25
C 108 A	3.99 TONS	Ton Mileage	M/C	345.00
COMPLETED				
<i>THANK YOU</i>				
			Sub TOTAL	2929.25
			Sales Tax	107.77
Authorization <i>Witnessed by Duke Coulter</i> Title <i>C#6 Drly Toolpusher</i>			Total	3037.02

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



Cementing & Acidizing of Kansas, LLC



Cement or Acid Field Report	
Ticket No.	1057
Foreman	<u>Kevin McCoy</u>
Camp	<u>EUREKA</u>

API # 15-111-20495

Date	Customer ID #	Lease & Well Number	Section	Township	Range	County	State
<u>1/27/14</u>	<u>10116</u>	<u>Smith 1-22</u>	<u>22</u>	<u>18S</u>	<u>10E</u>	<u>Lyon</u>	<u>Ks</u>
Customer			Unit #	Driver		Unit #	Driver
<u>QUAIL OIL & GAS</u>			<u>102</u>	<u>SHANNON F.</u>			
Mailing Address			<u>111</u>	<u>Rudy M.</u>			
<u>525 INDUSTRIAL DR P.O. BOX K</u>							
City	State	Zip Code					
<u>GARDEN CITY</u>	<u>Ks</u>						

Job Type P.T.A NEW WELL Hole Depth 2412' Slurry Vol. _____ Tubing _____
 Casing Depth _____ Hole Size 7 7/8 Slurry Wt. _____ Drill Pipe _____
 Casing Size & Wt. _____ Cement Left in Casing _____ Water Gal/SK _____ Other _____
 Displacement _____ Displacement PSI _____ Bump Plug to _____ BPM _____

Remarks: Safety Meeting: Rig up to 4 1/2 DRILL pipe. Spot Cement Plugs As Following.

15 SKS @ 2412'
15 SKS @ 1400'
40 SKS 115' to SURFACE
25 SKS RH
20 SKS MH

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 103	1	Pump Charge	1050.00	1050.00
C 107	60	Mileage	3.95	237.00
C 203	115 SKS	60/40 Pozmix Cement	12.75	1466.25
C 206	400 #	Gel 4%	.20	80.00
C 108 B	4.95 TONS	Ton Mileage 60 miles	1.35	400.95
COMPLETED				
<u>THANK YOU</u>				
			Sub Total	3234.20
			Sales Tax	110.56
Authorization <u>Witnessed By Duke Coulter</u> Title <u>C&G Drly Toolpusher</u>			Total	3344.76

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.