

1369347

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			
Geologist Report / Mud Logs	<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)*

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>			PRODUCTION INTERVAL: Top _____ Bottom _____	

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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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. 231

Date	Sec.	Twp.	Range	County	State	On Location	Finish
5-15-17	30	9	19	Rooks	KS		10:00 am
Location <i>Zunch 2w 8RD 1N 1/2w Sinto</i>							

Lease	Well No.	Owner	
<i>Stahl</i>	<i>1-30</i>	To Quality Oilwell Cementing, Inc.	
Contractor	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.		
<i>Discover #4</i>			
Type Job	Charge To		
<i>Surface</i>	<i>American Oil</i>		
Hole Size	T.D.	Street	
<i>12 1/4</i>	<i>221</i>		
Csg.	Depth	City	
<i>8 5/8</i>	<i>221</i>	State	
Tbg. Size	Depth	The above was done to satisfaction and supervision of owner agent or contractor.	
Tool	Depth	Cement Amount Ordered <i>150 8/20 3/4 2-1-062</i>	
Cement Left in Csg.	Shoe Joint		
<i>10</i>			
Meas Line	Displace		
	<i>13 3/4</i>		

EQUIPMENT			
Pumptrk	No.	Cementer/Helper	Common
<i>5</i>		<i>Big</i>	<i>120</i>
Bulktrk	No.	Driver	Poz. Mix
		<i>Trent</i>	<i>30</i>
Bulktrk	No.	Driver	Gel.
<i>9</i>		<i>Jordan</i>	<i>3</i>
			Calcium
			<i>6</i>

JOB SERVICES & REMARKS	
Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38

*8 5/8 on bottom. Est. Circulation.
Mix 150000 Displace.
Cement Circulated.*

Sand	Handling
	<i>159</i>
Mileage	

FLOAT EQUIPMENT	
Guide Shoe	
Centralizer	
Baskets	
AFL Inserts	
Float Shoe	
Latch Down	

Quality Oilwell Cementing

Pumptrk Charge	<i>Surface</i>
Mileage	<i>37</i>

X Signature *Eden Gable*

Tax	
Discount	
Total Charge	

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Federal Tax I.D.# 20-2886107

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

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

No. 168

Date	5-21-17	Sec.	30	Twp.	9	Range	19	County	Rooks	State	Ks	On Location		Finish	6:45 AM
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Location Zurich - 200' IN, 1/2 W, S side

Lease Stahl Well No. 1-30 Owner

Contractor Discovery 4 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.

Type Job Bottom Stage Charge To American oil

Hole Size 7 7/8" T.D. 3680' Depth 3680'

Csg. 15 1/2" 5 1/2" new Depth City State

Tbg. Size Depth 1562'

Tool DU Depth 19'

Cement Left in Csg. 19' Shoe Joint 19' Cement Amount Ordered 175 Com 10% Salt 5% Gilsomite 1/4# Flosol

Meas Line Displace 87# BCS 500 gal mud Clear 48

50 water EQUIPMENT 37# mud Common 175

Pumptrk 16 No. Cementer Rick Poz. Mix

Helper Bulktrk 9 No. Driver Tony Gel.

Driver Bulktrk 19 No. Driver David Calcium

JOB SERVICES & REMARKS

Remarks: Hulls

Rat Hole Salt 15

Mouse Hole Flowseal

Centralizers 1,3,5,7,9, 51 Kol-Seal 875#

Baskets 32 Mud CLR 48 500 gal

or Port Collar 52 1562' CFL-117 or CD110 CAF 38

pipe on bottom break Circulation Sand

pump 500 gal mud Clear 48, pump Handling 198

10 BCS order spacer mix 175 Mileage

FLOAT EQUIPMENT

St Cement shut down wash pump Guide Shoe

to lines Displaced plug w/ 87# Centralizer 5 tubs 1 Reag

13CS of Fluid. Released shell Baskets 1

Lift pressure 700# AFU Inserts

hard plug to 1500# Float Shoe 1

Drop Dart open tool 1000# Latch Down DU Tool

Pumptrk Charge prod string

Mileage 37

Bottom Stage

X Signature *Chris Weavering*

Tax
Discount
Total Charge

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Cell 785-324-1041

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

No. 169

Date	5-21-17	Sec.	30	Twp.	9	Range	19	County	Reeks	State	Ks	On Location		Finish	9:00 AM
Lease								Well No.		Owner					
Stahl								1-30		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.					
Contractor										Charge To					
Discovery 4										American oil					
Type Job								T.D.		Street					
Top stage								3680'							
Hole Size								Depth		City					
7 7/8"								3680'		State					
Csg. 15 1/2# 5 1/2" New										The above was done to satisfaction and supervision of owner agent or contractor.					
Tbg. Size								Depth		Cement Amount Ordered					
								1562'		350 80/20 QMBC 4# Flo					
Tool DU								Shoe Joint		Meas Line					
										Displace 37 BLS					
EQUIPMENT								Common							
Pumptrk 16 No. Cementer Rick								350 80/20 Qmbc							
Bulktrk 19 No. Driver David								Poz. Mix							
Bulktrk 9 No. Driver Tony								Gel.							
JOB SERVICES & REMARKS								Calcium							
Remarks:								Hulls							
Rat Hole 30SX								Salt							
Mouse Hole 15SX								Flowseal 87A							
Centralizers								Kot-Seal							
Baskets								Mud CLR 48							
D/V or Port Collar 1562' # 52								CFL-117 or CD110 CAF 38							
Pipe on bottom break Circulation								Sand							
pump to bus water spur								Handling 350							
plug Rathoe w/ 30SX max shoe								Mileage							
w/ 15SX Cement 5 1/2" w/ 30SX								FLOAT EQUIPMENT							
Cement, shut down wash pump								Guide Shoe							
+ lines Reaked plug + Displaced								Centralizer							
w/ 37 BLS H2O								Baskets							
Lift pressure 500 #								AFU Inserts							
Closed tool 1500 #								Float Shoe							
Released + held								Latch Down							
Cement all								Pumptrk Charge prod string							
Circulate								Mileage 37							
Signature Ann W. ...								Tax							
								Discount							
								Total Charge							