



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1303547
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: _____

1303547

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 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				

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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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 <i>(Explain)</i> _____
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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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Palmer Oil, Inc.
Well Name	Koehn 2-34
Doc ID	1303547

All Electric Logs Run

Induction
Porosity
Micro
Sonic

Form	ACO1 - Well Completion
Operator	Palmer Oil, Inc.
Well Name	Koehn 2-34
Doc ID	1303547

Tops

Name	Top	Datum
Anhy	1901	+1071
B/Anhy	1974	+998
Heebner	4132	-1160
Lansing	4228'	-1256
B/KC	4764	-1792
Marmaton	4790	-1818
Cherokee	4920	-1948
Morrow	5209	-2237
Chester Lime	5314	-2342
St.Gen	5417'	-2445

Geological Report

Palmer Oil, Inc.

Koehn #2-34

339' FSL & 541' FEL

Sec 34, T27s, R33w

Haskell County, Kansas



Palmer Oil, Inc.

General Data

Well Data: Palmer Oil, Inc.
Koehn #2-34
339' FSL & 541' FEL
Sec. 34, T27s, R33w
Haskell County, Kansas
API # 15-081-22137-00-00

Drilling Contractor: Duke Drilling Co. Rig #1

Geologist: Luke Thompson

Spud Date: March 19, 2016

Completion Date: March 31, 2016

Elevation 2960' G.L.
2972' K.B.

Directions: From the west side of Sublette, KS at the intersection of Hwy 83 & Hwy 56 go 12 miles north on Hwy 83. At the intersection of Hwy 83 and Rd. 70 go west 2.1 on Rd 70. North into.

Casing: 1744' 8 5/8" #24 Surface Casing

Samples: 4100' to RTD 10' Wet & Dry

Drilling Time: 4000' to RTD

Electric Logs: Pioneer Energy Services "T. Martin"
Full Sweep

Drillstem Tests: No tests

Problems: none encountered

Formation Tops

Koehn #2-34

Sec. 34, T27s, R33w

339' FSL & 541' FEL

Anhydrite	1901' +1071
Base	1974' +998
Heebner	4132' -1160
Lansing	4228' -1256
BKC	4764' -1792
Marmaton	4790' -1818
Cherokee	4920' -1948
Morrow	5209' -2237
Chester Lime	5314' -2342
St. Gen	5417' -2445
RTD	5650' -2678
LTD	5650' -2678

Structural Comparison

	Palmer Oil, Inc. Koehn #2-34 Sec. 34, T27s, R33w 339' FSL & 541' FEL		OXY USA Koehn D-1 Sec. 2, T28s, R33w 750' FNL & 1235' FWL		EOG Resources O'Brate 33 #1 Sec. 33, T27s, R33w 575' FSL & 1910' FWL
Formation					
Heebner	4132' -1160	+1	4132' -1161	-26	4132' -1134
Lansing	4228' -1256	-3	4224' -1253	-36	4218' -1220
BKC	4746' -1792	-4	4759' -1788	-30	4760' -1762
Marmaton	4790' -1818	-13	4776' -1805	-41	4775' -1777
Cherokee	4920' -1948	-17	4902' -1931	-24	4922' -1924
Morrow	5209' -2237	-30	5178' -2207	-25	5210' -2212
Chester Lm	5314' -2342	-77	5236' -2265	-35	5375' -2377
St. Gen	5417' -2445	+2	5408' -2447	-43	5486' -2488

Summary

The location for the Koehn #2-34 well was found via 3-D seismic survey. The new well ran structurally as expected. No drill stem tests were conducted. After all the gathered data had been examined, the decision was made to plug and abandon the Koehn #2-34 well.

Respectfully Submitted,

Lukas Thompson (Palmer Oil, Inc.)



CHARGE TO: ~~Palmer Oil~~ Palmer Oil

ADDRESS

CITY, STATE, ZIP CODE

TICKET 29113

PAGE 1 OF

SERVICE LOCATIONS 1. Ness City KS WELL/PROJECT NO. 2-34 LEASE Koehn COUNTY/PARISH Haskell STATE KS CITY Ness City DATE 20 MAR 16 OWNER

2. TICKET TYPE SERVICE SALES CONTRACTOR RIG NAME/NO. Duke SHIPPED VIA CT DELIVERED TO location ORDER NO.

3. WELL TYPE oil WELL CATEGORY Development JOB PURPOSE concrete deep surface WELL PERMIT NO. WELL LOCATION 89-27-33

4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M	
575		1			MILEAGE TRR 14	100	mi		5.00	500.00
576D		1			Pump Charge	1	ea		1250.00	1250.00
402		1			Centralizer	88	in	2	ea	140.00
403		1			Cement Basket	88	in	1	ea	325.00
410		1			Top Plug	88	in	1	ea	120.00
401		1			Insect float	88	in	1	ea	200.00
221		1			KCL liquid	2	gal		25.00	50.00
330		1			SKID cement	62	sk		15.75	10237.50
276		1			Flooble	175	lb		2.25	393.75
290		1			Drill	3	gal		42.00	126.00
581		1			service charge	650	sk		1.50	975.00
583		1			Drayage	6469	lb	52348	0.75	2425.76

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X DATE SIGNED TIME SIGNED A.M. P.M. 0200

REMIT PAYMENT TO:
SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				16742.81
WE UNDERSTOOD AND MET YOUR NEEDS?				16742.81
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL
				17550.77

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR Age III APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 20 MAR 16 PAGE NO.

CUSTOMER Admiral Oil WELL NO. 2-34 LEASE Koehn JOB TYPE cement deep surface TICKET NO. 29113

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								650sk SMD cement w/ 4# floccle 8 5/8 casing TD = 1743' 41 joints 8 5/8 x 24# strength 4210 2 centralizers + basket - 900'
	2000							on loc TRK 114
	2045							start 8 5/8 casing in well
	2345							Dropball - circulate well
21 MAR	0009	5 1/4	50				300	Drop 20 bbl KCL fluid
		6	88				400	Mix SMD cement @ 11.8 ppg 130sk
		6	153				400	@ 12.5 ppg 20sk
		6	199				400	@ 13.5 ppg 150sk
		6	206				400	@ 14.5 ppg 100sk
								650sk total
								Release plug
	0105	5 1/4					300	Displace plug
		5 1/4	85				400	— cement to surface —
		5 1/4	95				500	
	0130	5	108				800	Kickoff
								Shot in 8 5/8
								— collar standing fall —
	0138							wash truck
								Rack up
								650sk mixed 50sk top 4'
	0200							job complete
								Flubs Flint, Blaine, and 3-2-2-2-2



CHARGE TO: PALMER OIL
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET 29199

PAGE 1 OF

SERVICE LOCATIONS: 1. NESS CITY, KS
 WELL/PROJECT NO.:
 LEASE: KOEHN 2-34
 COUNTY/PARISH: HASKELL
 STATE: KS
 CITY: GARDEN CITY, KS
 DATE: 30 MAR 16
 OWNER:
 TICKET TYPE: SERVICE SALES
 CONTRACTOR: DUKE DRILLING RIB 1
 RIG NAME/NO.:
 SHIPPED VIA:
 DELIVERED TO:
 ORDER NO.:
 WELL TYPE: OIL
 WELL CATEGORY: ABANDON
 JOB PURPOSE: PTA
 WELL PERMIT NO.:
 WELL LOCATION: 22S, 2W, N1E10
 REFERRAL LOCATION:
 INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE #115	100		MIL		5.00	500.00
576P					Pump CHARGE					800.00	800.00
276					FLDCELE	45		lbs		2.25	101.25
290					D-AIR	2		sq		42.00	84.00
328-4					60/40 Pozmix 4% GEL	170		SY		10.25	1742.50
581					CEMENT SERVICE CHARGE	170		SY		1.50	255.00
583					DRAYAGE	14269		lbs	713.45 TM	75.00	535.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X *Kenneth M. Gue*
 DATE SIGNED: 30 MAR 16
 TIME SIGNED: 1530
 A.M.
 P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	4017	84
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?						
WE UNDERSTOOD AND MET YOUR NEEDS?						
OUR SERVICE WAS PERFORMED WITHOUT DELAY?						
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?						
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO					
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	4299	09

JOB LOG

SWIFT Services, Inc.

DATE 30 MAR 16 PAGE NO.

CUSTOMER PALMER DIL WELL NO. LEASE KOEHN 2-34 JOB TYPE PIA TICKET NO. 29199

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1200							ON LOCATION
								PIPE @ 1800'
	1310	4	13					SET 1 ST PLUG w/50sx
								Pull To 930'
	1414	4	13					SET 2 ND PLUG w/50sx
								Pull To 60'
	1458		5 1/2					SET 3 RD PLUG w/20sx
	1508		8					PLUG RH w/30sx
	1510		5 1/2					PLUG MH w/20sx
	1516							WASH TRUCK
								170sx 60/40 Pozmix 4% GEL USED
	1530							JOB COMPLETE.
								THANKS #115
								JASON DAVE JOHN