KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE



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

15-053-21259-00-00 OPERATOR: License # 31203 API No. 15 -Owen's Pumping Service Name: Spot Description:, NE_NW_NE_NW Sec. 19 Twp. 15 S. R. 10 East West Address 1: 640 E Sunset Ave ____ Feet from 🗹 North / 🗌 South Line of Section Address 2: _ City: _Russell 3,300 _____ State: KS Zip: 67665 + 3128 __ Feet from 🔽 East / 🗌 West Line of Section Contact Person: Owen McQuade Footages Calculated from Nearest Outside Section Corner: Phone: (785) 483-6321 V NE □NW □SE □SW County: ELLSWORTH CONTRACTOR: License #_33350 Lease Name: BRANDA _____ Well #: 1 Southwind Drilling, Inc. Field Name: HOCH WEST Wellsite Geologist: Jim Musgrove Purchaser: none Producing Formation: ___ Elevation: Ground: 1797 Kelly Bushing: Designate Type of Completion: Total Depth: 3316 Plug Back Total Depth: ✓ New Well Re-Entry Workover Amount of Surface Pipe Set and Cemented at: 408 FT @ 418 □ Oil ☐ wsw ☐ SWD ☐ SIOW Ø D&A ☐ SIGW Multiple Stage Cementing Collar Used? ☐ Yes ☑ No ☐ Gas ☐ ENHR □ og ☐ GSW Temp. Abd. If yes, show depth set: ___ CM (Coal Bed Methane) If Alternate II completion, cement circulated from: Cathodic Other (Core, Expl., etc.): If Workover/Re-entry: Old Well Info as follows: Operator: _ **Drilling Fluid Management Plan** Well Name: ___ (Data must be collected from the Reserve Pit) Original Comp. Date: _____ Original Total Depth:_ Chloride content: _____ _____ppm Fluid volume: _____ bbls Deepening Re-perf. Conv. to ENHR Conv. to SWD Dewatering method used: ___ Conv. to GSW Location of fluid disposal if hauled offsite: Plug Back: _ Plug Back Total Depth Permit #: Commingled Operator Name: Owen's Pumping Service Dual Completion Permit #: _____ _____ License #: 31203 Lease Name: Amy ☐ SWD Permit #: ____ Quarter SW/4 Sec. 13 Twp. 15 S. R. 11 ☐ ENHR Permit #: County: Russell Permit #: D-30621 ☐ GSW Permit #: ___ 2 9 11 Completion Date or 02/04/2011 02/09/2011 Spud Date or Date Reached TD Recompletion Date Recompletion Date KCC WICHITA INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. KCC Office Use ONLY **AFFIDAVIT** I am the affiant and I hereby certify that all requirements of the statutes, rules and regu-Letter of Confidentiality Received lations promulgated to regulate the oil and gas industry have been fully complied with and the statements berein are complete and correct to the best of my knowledge. Confidential Release Date: ____

even Me Juccho

Date: 2/23/2011

Signature: _

Title: Owner

Wireline Log Received

UIC Distribution

Geologist Report Received

VAIHT DIg - 3/6/12

Side Two

Operator Name: Owen's Pumping Service Sec. 19 Twp.15 S. R. 10 East 7 West					Lease Name: BRANDA County: ELLSWORTH			Well #:1			
instructions: Sho time tool open and clos recovery, and flow rates line Logs surveyed. At	ed, flowing and shus if gas to surface to	t-in pressu st, along v	res, whether sl vith final chart(s	hut-in pre	ssure read	ched static level,	hydrostatic pres	ssures, bottom i	hole temp	erature, fluid	
Drill Stem Tests Taken Yes No (Attach Additional Sheets)					ال	og Formatio	n (Top), Depth a	ind Datum	Sample		
· ·			es 🗌 No	Name				Тор	ſ	Datum	
Cores Taken Electric Log Run		□ Ye	Yes No								
List All E. Logs Run:											
	······································	Repo		RECORD		w Used	ion, etc.			· - ··	
Purpose of String	Size Hole Orilled	Size Casing Set (In O.D.)		Weight Lbs. / Ft,		Setting Depth	Type of Cement	# Sacks Used		and Percent dditives	
surface	12.25 8.625		20 4		418	Poz	225 3% CC, 2% g		, 2% gel		
Purpose: Depth Top Bottom Type of Cement Perforate Top Bottom Type of Cement Protect Casing					TING / SQL	JEEZE RECORD Type and Percent Additives					
Plug Back TD Plug Off Zone											
Shots Per Foot			RD - Bridge Plug Each Interval Per		· · · · · · · · ·	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth					
									RECE	IVED	
									FEB 2	7 - 2012	
TUBING RECORD:	Size:	Set At:		Packer	At:	Liner Run:	YesN		C WI	CHITA	
Date of First, Resumed F	Production, SWD or Ef	iHR.	Producing Meth	hod:	ing	Gas Lift (Other (Explain)				
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat	er E	bls.	Gas-Oil Ratio		Gravity	
DISPOSITIO	Used on Lease		_	METHOD C	DF COMPLI Dually (Submit	/ Comp. 🔲 Co	mmingled mit ACO-4)	PRODUCTI	ON INTER	VAL:	

WUALIT WILVELL CEIVICIXTING, INC.

Cell 785-324-1041

Phone 785-483-2025 Home Office P.O. Box 32 Russell, No U. U.J.

No. 4688

	Sec.	Twp.	Range	ٔ ۔ ا	County	State	On Location	Finish			
Date 2-4-//	19	15	10	Ells	with	Komsox		7: Born			
Lease March	W	eli No.	1	Locati	onlillen	5 to JR	ad EE Si	ملی			
Contractor Supplied	المرد	Zic3		Owner							
Type Job Surfax		<u> </u>	<u> </u>		To Quality O	ilwell Cementing, Inc	c. cementing equipmen	nt and furnish			
Hole Size 124 T.D. 419					cementer an	d helper to assist ov	ner or contractor to d	o work as listed.			
Csg. 85 20th		Depth ,	419		Charge (Siens Thursday	Service				
Tbg. Size	_	Depth	(' '	<u> </u>	Street			-			
Tool		Depth			City State						
Cement Left in Csg. /()-/-	S'	Shoe Joint			The above was done to satisfaction and supervision of owner agent or contractor.						
Meas Line		Displace	· 263B	1	Cement Amount Ordered 27 Company 340 25/31						
	EQUIPMI		,								
Pumptrk G No. Cemen Helper	1917 V				Common 1/	22					
Bulktrk / No. Driver Driver	KCX H				Poz. Mix						
Bulktrk No. Driver Driver					Gel. 4						
JOB SER	VICES 8	REMA	RKS		Calcium	7					
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						
					Sand	24					
_/!	[1:50				Handling-2/	1 /2					
12m I dat 1	HA	Later			Mileage	7					
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			FLOAT EQUIPMENT							
	7.				Guide Shoe	· · · · · · · · · · · · · · · · · · ·					
			_		Centralizer						
*		10'	<u> </u>	11	Baskets			ļ			
· Vin		ال والمد		AFU Inserts			RECEIVED				
- Carly	1 /	Ov i		Float Shoe			FF8 6				
O HAT	<i>y</i>		•	Latch Down							
DINACIA				88	1200 Pm	K	CC WICHITA				
1/10/						15		**************************************			
110					Pumptrk Cha	rge Surface					
1/10/10				Mileage 25							
100	$\Delta\Delta$		1				Tax				
					Discount						
Signature WWW					Total Charge						
· · · · · · · · · · · · · · · · · · ·											

WUALITY WILVELL CEIVIEIXTHIS, HIV.

Cell 785-324-1041

Phone 785-483-2025 Home Office P.O. Box 32 Russell, KS 67665

No. 4809

Contractor Southwin F3 Type Job Retar / Nos Type Job Retar / Nos Hole Size		Sec.	Twp.	Range	1 0	County	State	On Location	Finish		
Lease Branch Well No. I Location Wilson Street Contractor Sout House 1933 Contractor Sout House 1933 Type Job Retar / Plus To Quality Oliveil Cementing, Inc. You are hereby requested to rent comenting equipment and turnish comenter and herebyer to assist source or contractor to do work as listed. Cag. Cag. Depth Charge Cuter Strap inc. Search Strap Comenter and helpe to assist source or contractor. City State The above was done to salidaction and supervision of owner agent or contractor. Meas Line EQUIPMENT Common	Date 2.9-11	19	15	10	Bil	Swerth	KS.		l'agim		
Contractor South Land # 3 Type Job Reter May Typ		W	eli No.	1	1			5into	<u> </u>		
Type Job Retract Phys Hole Size 778 T.D. 33/6 T.D. 33/6 Cag. Depth Cag. Depth Depth Cag. Cag. Depth Cament Left in Csg. Shoe Joint Displace Common Amount Ordered PRI Suc Usburi Usburi Bulkirk No Dender Pales Process JOB SERVICES & REMARKS Calcium Romarks: Hulls Rat Hole Baskets DAY or Port Collar SET Phys. Set Phys.)									
T.D. 23/6 Cas. Depth Charge Charge Charge Commenter and helper to assist owner or contractor to do work as listed. Charge Charg	α α				To Quality Oilwell Cementing, Inc.						
Tog. Size Tog. Size Depth Street	Hole Size	T.D. 3	316		You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.						
Tog. Size Depth Commont Left in Csg. Shoe Joint The above was done to satisfaction and supervision of owner agent or contractor. Meas Line Displace EQUIPMENT Pumpirk Pumpirk No. Commont Fielder Bulktrix No. Contract JOB SERVICES & REMARKS Calcium Hulls Rat Hole Formaticums Nov or Pon Collar Contralizors Baskets DIV or Pon Collar Contralizors Mileage FLOAT EQUIPMENT Baskets AFU Inserts Fielder Fielder RECEIVED KCC WICHITTA Pumpirk Charge Mileage Functionary Fielder RECEIVED RECEIVED Fielder RECEIVED RECEIVED Tax Dissount						Charge D					
Cement Left in Csg. Shoe Joint The above was done to setisfaction and supervision of owner agent or contractor. Meas Line Displace Cement Amount Ordered / RD Green 4/5/Left / HFFT/O Pumptrk 9 No. Comment Medical Common / DB Bulktirk No. Direct Green Common / DB Bulktirk No. Direct Green Common / DB Bulktirk 8 No. Direct Green Common / DB Bulktirk 8 No. Direct Green Common / DB Bulktirk 9 No. Dire	Tbg. Size		Depth			1					
Meas Line Displace EQUIPMENT Pumplify 9 No. Comments 2013 Bulkirk No. Direct 1											
Meas Line EQUIPPLENT Pumpirk 9 No. Common 68 Bulkirk No. Oriver 9 Poz. Mix 9 Poz. Poz. Poz. Poz. Poz. Poz. Poz. Poz.	Cement Left in Csg.		Shoe J	oint							
Pumptrk 9 No. Commente Ser's Common 08 Bulktrk No. Oriver Profiles of Poz. Mix 2 Bulktrk No. Oriver Profiles of Remarks: Baskets: Baskets:	Meas Line		Displac	ce .							
Pumptrk 9 Heliper Common 7/8 Bulklirk No. Oriver Port Durver Gel. JOB SERVICES & REMARKS Bulklirk No. Oriver JOB SERVICES & REMARKS Remarks: Hulls Remarks: Hulls Remarks: Hulls Salt Mouse Hole Flowseal Centralizers Baskets Diver Port Collar Salt Flowseal Flows			ENT				· · · · · · · · · · · · · · · · · · ·				
Bulkirk Driver Poz. Mix Gel. 2 JOB SERVICES & REMARKS Calcium Remarks: Hulls Rat Hole Self Self Mouse Hole Flowseal Flowseal Centralizers Kol-Seal Baskets Mud CLR 48 D/V or Port Collar CFL-117 or CD110 CAF 38 Sand Handling Self Handling Self Float Equipment Self AFU Inserts Self Self AFU Inserts Self Self RECEIVED KCC WICHITA Pumptrk Charge Arx Mileage Self Mileage Self KCC WICHITA Pumptrk Charge Arx Mileage Self Mileage Self KCC WICHITA Discount Fax Discount Fax Discount Discount Fa	Pumptrk 7 Helpe	<i>ī</i> .	و: ۹			Common /	18				
JOB SERVICES & REMARKS Galcium Hulls Remarks: Rat Hole Gentralizers Baskets D/V or Port Collar GFL-117 or CD110 CAF 38 Sand Handling Handling Handling Guide Shoe Centralizer Baskets Guide Shoe Centralizer Baskets AFU Inserts Float Shoe Latch Down FEB 2772012 KCC WICHITA Discount	Bulktrk Driver					Poz. Mix	2	·			
Remarks: Rat Hole Remarks: Rat	Bulktrk 8 No. Driver	Cord				Gel.	6				
Salt Mouse Hole Centralizers Baskets D/V or Port Collar SET Plus 3287 355K Sand Handling / Shoe Centralizer Baskets Mileage 4 1 10 355K Guide Shoe Centralizer Baskets AFU Inserts Float Shoe Latch Down FEB 2772012 KCC WICHITA Mileage M	JOB SE	RVICES 8	REMA	RKS		Calcium					
Mouse Hole Centralizers Rol-Seal Baskets Mud CLR 48 D/V or Port Colliar CFL-117 or CD110 CAF 38 Sand Handling Handling Handling Handling Guide Shoe Centralizer Baskets AFU Inserts Float Shoe Latch Down FEB 2772012 KCC WICHITA Mileage Tax Discount	Remarks:										
Centralizers Baskets Mud CLR 48 D/V or Port Collar CFL-117 or CD110 CAF 38 Sand Handling / Social Action of the collar Action of	Rat Hole	55/				Salt					
Baskets DIV or Port Collar CFL-117 or CD110 CAF 38 Sand Landling / Side Shoe Centralizer Baskets AFU Inserts Float Shoe Latch Down FEB 2 772012 KCC WICHITA Discount Tax Discount	Mouse Hole				<u> </u>	Flowseal 444					
DIV or Port Collar St Pun 3287 355K Sand Pun 1200 355K Mileage Handling St Handling Handling Handling Handlin	Centralizers		***			Kol-Seal					
Sand	Baskets					Mud CLR 48					
Handling 9 Sept 170 355K Mileage FLOAT EQUIPMENT SEE 27 2012 Handling 9 Sept 170 355K Mileage FLOAT EQUIPMENT Guide Shoe Centralizer Baskets AFU Inserts 8 9 Lander Place Float Shoe Latch Down FEB 27 2012 KCC WICHITA Pumptrk Charge 170 Mileage 15	D/V or Port Collar					CFL-117 or CD110 CAF 38					
Mileage FLOAT EQUIPMENT Guide Shoe Centralizer Baskets AFU Inserts Float Shoe Latch Down FEB 2 7"2012 KCC WICHITA Pumptrk Charge Mileage Mileage Tax Discount	St Pha	318	27	355K		Sand					
FLOAT EQUIPMENT SEL 10 2556 Guide Shoe Centralizer Baskets AFU Inserts 898 Lander Plus Float Shoe Latch Down FEB 2772012 KCC WICHITA Pumptrk Charge Plus Mileage 15 Tax Discount	2 - S	1200		3556	j	Handling /8/5					
Guide Shoe Centralizer Baskets AFU Inserts 898 www.fen.Plus Float Shoe Latch Down FEB 27 2012 KCC WICHITA Pumptrk Charge Plug Mileage-15 Tax Discount	34	900		355K	7	Mileage		A CONTRACT OF THE PARTY OF THE			
Guide Shoe Centralizer Baskets AFU Inserts Float Shoe Latch Down FEB 2 7-2012 KCC WICHITA Mileage 15 Tax Discount	4 2	470	- "\ <u>.</u>	355K			FLOAT EQUIPMI	ent .			
Baskets AFU Inserts Float Shoe Latch Down FEB 2 7-2012 KCC WICHITA Pumptrk Charge Mileage-75 Tax Discount	5 th	40		2555		Guide Shoe					
AFU Inserts 898 Language Plants Float Shoe Latch Down FEB 2 7"2012 KCC WICHITA Pumptrk Charge Plants Mileage 15 Tax Discount	·····				,	Centralizer					
Float Shoe Latch Down FEB 27-2012 KCC WICHITA Pumptrk Charge Plug Mileage 25 Tax Discount	-		····	- -	· · · · · · · · · · · · · · · · · · ·	Baskets		· · · · · · · · · · · · · · · · · · ·			
Latch Down FEB 2 7 2012 KCC WICHITA Pumptrk Charge Plug Mileage 25 Tax Discount		<u> </u>	,,,,,,	!	· <u>/ · · · · · · · · · · · · · · · · · ·</u>	AFU Inserts	898 was	ten Plus			
Latch Down FEB 2 7 2012 KCC WICHITA Pumptrk Charge Plug Mileage 25 Tax Discount	<u> </u>				117	Float Shoe	Artist		RECEIVED		
Pumptrk Charge Plug Mileage 35 Tax Discount		A Thomas Code		1 (. N	<u> </u>	Latch Down		- T	<u></u>		
Pumptrk Charge Plug Mileage 25 Tax Discount	·			-, ,-			<u> </u>		EB Z / "ZUIZ		
Pumptrk Charge // (1.4) Mileage 75 Tax Discount				•	KCC WICHITA						
Tax Discount					Pumptrk Charge // (19						
Discount						Mileage 25					
	·				Tax						
Signature (Jun / Aun Total Charge	×	'									
	Signature ()	w			Total Charge						