

Kansas Corporation Commission Oil & Gas Conservation Division

1096832

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

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #325	556		API No. 15
Name: REH Oil and Gas			Spot Description:
Address 1: 1501 E 1ST ST			NE_SE_NW_NW Sec. 11 Twp. 34 S. R. 21 ☐ East ♥ West
Address 2:			690 Feet from 🗹 North / 🗌 South Line of Section
		67124 + 2069	
Contact Person: Doug Reh			Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 672-811	1		□ne Ønw □se □sw
CONTRACTOR: License #_3	4541		County: Clark
Name: Ninnescah Drilling	LLC		Lease Name: Harper Ranch Well #: KC#7
Wellsite Geologist: Scott Albe	rg		Field Name:
Purchaser: Parnon Gatherin	g		Producing Formation: morrow B sand
Designate Type of Completion			Elevation: Ground: 1856 Kelly Bushing: 1871
		Workover	Total Depth: 5600 Plug Back Total Depth: 5594
✓ oil wsw	SWD	 □ slow	Amount of Surface Pipe Set and Cemented at: 362 Feet
☐ Gas ☐ D&A		☐ sigw	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
	☐ GSW	Temp. Abd.	If yes, show depth set:Feet
CM (Coal Bed Methane)			If Alternate II completion, cement circulated from:
Cathodic Other	Core, Expl., etc.):	<u></u>	feet depth to:w/sx cmt.
If Workover/Re-entry: Old Wel	I Info as follows:		iset depth to.
Operator:			
Well Name:			Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date:	Original To	otal Depth:	Chloride content: 6000 ppm Fluid volume: 10 bbls
Deepening Re-	perf. Conv. to	ENHR Conv. to SWD	
	Conv. to	GSW	Dewatering method used: Evaporated
Plug Back:	Plu	g Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled	Permit #:		Operator Name:
Dual Completion	Permit #:		Lease Name: License #:
SWD	Permit #:		
☐ ENHR	Permit #:		Quarter Sec. Twp. S. R. East West
☐ GSW	Permit #:		County: Permit #:
12/13/2011 01/0	01/2012	01/09/2012	
Spud Date or Date	Reached TD	Completion Date or Recompletion Date	

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								
Letter of Confidentiality Received								
Date:								
Confidential Release Date:								
✓ Wireline Log Received								
Geologist Report Received								
UIC Distribution								
ALT I I III Approved by: Deanna Garrison Date: 11/08/2012								

Side Two



1096832

Operator Name: REH	Oil and Gas LL	С		_ Lease	Name: _	larper Ranch		Well #:KC	#7	
Sec. 11 Twp.34	s. _{R.} 21	☐ East [✓ West	County	_{/:} <u>Clark</u>	·	-	****		
INSTRUCTIONS: Show time tool open and clos recovery, and flow rates tine Logs surveyed. Att	ed, flowing and shu if gas to surface te	t-in pressur st, along wi	es, whether st th final chart(s	hut-in pres	sure read	hed static level,	hydrostatic pre	essures, bottom h	ole temp	erature, fluid
Drill Stem Tests Taken (Attach Additional St	neets)	Yes	i √ No		√ Lo	og Formation	n (Top), Depth	and Datum		Sample
Samples Sent to Geolo	gical Survey	✓ Yes	s □ No		Nam Attach					Datum ttached
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy)	Electronically	Yes Yes	s □ No		,					
List All E, Logs Run: Dual Induction Cement Bond Log Sonic log										
		Report		RECORD	Ne surface, inte	w Used	on. etc.			
Purpose of String	Size Hole Drilled	Size	Casing In O.D.)	We	ight . / Ft.	Setting Depth	Type of Cement	# Sacks Used		and Percent Additives
Casing	8	5.5		15.5		5597	aa2	125		
Surface Casing	17	13.375		54		362	common	400		
			ADDITIONAL	CEMENT	ING / SQL	JEEZE RECORD				
Purpose: Perforate	Depth Top Bottom				# Sacks Used		Type and Percent Additives			
Protect Casing Plug Back TD Plug Off Zone	-	:								
Shots Per Foot) - Bridge Plug ach Interval Per				cture, Shot, Cem	ent Squeeze Recor	d	Depth
4	5464-5470, 5475	5-5482				1200 gallon	id		5464-548	
1										
TUBING RECORD:	Size:	Set At: 5498	~	Packer	At:	Liner Run:	Yes 🗸	No		
Date of First, Resumed F	***		Producing Met	hod:	ing	Gas Lift C	Other (Explain)			
Estimated Production Per 24 Hours	Oil 37	Bbls.	Gas	Mcf	Wat	er B	bls.	Gas-Oil Ratio		Gravity 36
DISPOSITIO	✓ Used on Lease		_	METHOD O	F COMPLI Dually (Submit	Comp. Cor	nmingled mit ACO-4)	PRODUCTK	ON INTER	RVAL:

Form	ACO1 - Well Completion	
Operator	REH Oil and Gas LLC	
Well Name	Harper Ranch KC#7	
Doc ID	1096832	

Tops

Douglas Shale	4480	-2609
Lansing	4540	-2669
Stark	4998	-3127
Marmaton	5136	-3266
Pawnee	5232	-3361
Cherokee Group	5294	-3423
Morrow shale	5415	-3544
Morrow Sand	5462	-3591
Mississippi	5428	-3657

QUALICY WELL SERVICE, INC.

5413

Home Office 324 Simpson St., Pratt, KS 67124

Todd's Cell 620-388-5422 Office / Fax 620-672-3663 Rich's Cell 620-727-3409 Brady's Cell 620-727-6964

Lease Har per Runch Well No. KC 7 Location Protect on US of W 5.5 y/W 5.6K Contractor Minock on Dor Had LLC Owner Type Job Larrasker 9 Hole Size 7/4 T.D. 5600 Depth To use Herby requested to rent cementing equipment and furnish comenter and helper to assist owner or contractor to do work as listed. Cag. 5/2 Depth Street Tool Depth City Street Tool Depth City Street Tool Cement Let in Csg. 3/4.21 Shoe Joint 3/21 The shove was done to satisfaction and supervision of owner agent or contractor. Cement Let in Csg. 3/4.21 Shoe Joint 3/21 The shove was done to satisfaction and supervision of owner agent or contractor. Cement Amount Ordered 7.5 s/y 6.6 c EQUIPMENT Pumptrix No. Get. Pickup No. Get. Pi	100	ec. Twp.	Range		County	State	On Location	Finish		
Contractor June Lan De Hing LLC Type Job Lang Stering Tipe Stering Tipe Stering Type Job Lang Stering Tipe Stering Type Job Lang Stering Case Type Depth Street Type Job Lang Stering Type Job Lang S	Date - 2 - 12]	1 57	dl	1	ULF	145		1:45pm		
Type Job	Lease Harper Runch	Well No.	KC = 7	Location	on Protec	tion us c	1W 515 6	IW SINH		
T.D. 600	Contractor Dinnes can	pollag	LLC							
T.D. 5600 Commenter and helper to assist owner or contractor to do work as listed. Charge Reh 1 & Gas Street Reh 1 & Gas Reh 1 & G	Type Job Lang Str. C	Q I			You are here	by requested to ren	t cementing equipmen	t and furnish		
To Republic Size Depth Size State Tool Depth City State Cement Left in Csg. 34.21 Shoe Joint 34.21 The above was done to satisfaction and supervision of owner agent or contractor. Reas Line Displace 71.49 Cement Amount Ordered 77.54 Pro-C	Hole Size 7'4 T.D. 5'600				cementer an	d helper to assist ov	vner or contractor to d	o work as listed.		
Tool Depth City State Cement Left in Csg. 34, 21 Shoe Joint 34, 21 The above was done to satisfaction and supervision of owner apent or contractor. Meas Line Displace 1, 31, 49 EQUIPMENT EQUIPMENT Displace 1, 31, 49 Common Bulktrik No. Bulktrik	Csg. 5 1/2	Depth	5559		To R	eh oil a	Gus			
Cement Left in Csg. 34.21 Shoe Joint 34.21 The above was done to satisfaction and supervision of owner agent or contractor. Meas Line Displace 31.49 Cement Amount Ordered 75.57 Pro Cement Amount Ordered	Tbg. Size	Depth			Street					
Meas Line Displace 31.49 Cement Amount Ordered 75 57 P FO - (Tool	Depth	11 12 A		City		State			
EQUIPMENT Pumptrk No. Services & REMARKS Bulktrk No. Gel. Pickup No. Calcium JOB SERVICES & REMARKS Hulls Rat Hole 25 sv Kol-Soal Baskets Mud CLR 48 Contralizers Kol-Soal Baskets Mud CLR 48 CFL-117 or CD110 CAF 38 Ran 137 Hs of 6/2 casing 155 Sand Handling Mileage FLOAT EQUIPMENT Plug landed & 1500 ps. Baskets AFU Inserts 1 5/2 Plug landed & 150	Cement Left in Csg. 34.2	Shoe J	oint 3421		The above wa	s done to satisfaction a	and supervision of owner	agent or contractor.		
Pumptrix No. Bulktrk No. Bulktrk No. Bulktrk No. Gel. Bulktrk No. Gel. Pickup No. Calcium JOB SERVICES & REMARKS Hulls Rat Hole 25 57 Centralizers Baskets Mud CLR 48 DN or Port Collar Ran 137 H5 of 5/2 casing 15.5	Meas Line	Displac	e 131.49		Cement Amo	ount Ordered / 7	5 51 Pro-6	- Larie		
Bulktrk No. Bulktrk No. Bulktrk No. Bulktrk No. Gel. Pickup No. JOB SERVICES & REMARKS Hulls Rat Hole SSY Flowseal Centralizers Kol-Seal Baskets Mud CLR 48 D/V or Port Collar CFL-117 or CD110 CAF 38 Sand Handling Mileage FLOAT EQUIPMENT Guide Shoe Centralizer Plug landed G 1500 ps. Baskets AFU Inserts Float Held Float Shoe Latch Down Float Held Float Shoe Latch Down Pumptrk Charge Mileage Tax Discount	A CONTRACTOR OF THE PARTY OF TH	QUIPMENT						V1-215		
Bulktrk No Gel. Pickup No Calcium JOB SERVICES & REMARKS Hulls Rat Hole S S Salt Mouse Hole S S Flowseal Centralizers Baskets Mud CLR 48 CFL-117 or CD110 CAF 38 Sand Handling Mileage FLOAT EQUIPMENT Guide Shoe Centralizer 9 5/A Plug landed 8 1500 ps; Baskets AFU Inserts Float Heldin Float Shoe Latch Down Float Heldin Float Shoe Latch Down Pumptrk Charge Mileage Tax Discount	Pumptrk		Area to See a second		Common					
Builtr Pickup No. JOB SERVICES & REMARKS Hulls Rat Hole 25 57 Mouse Hole 25 57 Centralizers Baskets Mud CLR 48 D/V or Port Collar CFL-117 or CD110 CAF 38 Ran 137) 15 05 5/2 cessing 15 5 4 Sand Latch Journ Set 6 555 9 - 65 4 Handling Mileage FLOAT EQUIPMENT Guide Shoe Float Held: Float Held: Float Shoe Latch Down Float Shoe Float Shoe Latch Down Float Shoe Depth Float Shoe Latch Down Float Shoe Discount Discount	Bulktrk		NINE		Poz. Mix					
JOB SERVICES & REMARKS Hulls Rat Hole 25 52 Salt Mouse Hole 25 52 Centralizers Baskets D/Y or Port Collar CFL-117 or CD110 CAF 38 Run 137) + 6 5 5 5 9 - 75 + Handling Run 137) + 6 5 5 5 9 - 75 + Handli	Bulktrk No.				Gel.					
Rat Hole 2557 Mouse Hole 2557 Centralizers Baskets Mud CLR 48 DN or Port Collar CFL-117 or CD110 CAF 38 Sand Handling Mileage FLOAT EQUIPMENT ACS ON MALE STANDER COMMINISTRATION FLOAT EQUIPMENT ACS ON MALE STANDER COMMINISTRATION FLOAT HELD Float Shoe Latch Down Pumptrk Charge Mileage Float Float Shoe Latch Down Float Shoe Latch Down Float Shoe Latch Down Float Shoe Mileage	Pickup No.				Calcium			in the		
Mouse Hole 2557 Centralizers Baskets D/V or Port Collar CFL-117 or CD110 CAF 38 Sand Function of the 55559-1654 Handling Mileage FLOAT EQUIPMENT Guide Shoe Centralizer Plug landed @ 1500ps; Baskets AFU Inserts Float Held: Float Held: Pumptrk Charge Mileage Tax Discount	JOB SERV	ICES & REMA	ARKS		Hulls					
Centralizers Baskets DV or Port Collar CFL-117 or CD110 CAF 38 Sand Latch Pown Set 6 5559 - Fet Handling Mileage FLOAT EQUIPMENT Mileage FLOAT EQUIPMENT Guide Shoe Centralizer Plug landed 6 1500 ps. Baskets AFU Inserts Float Held Float Shoe Latch Down FLOAT EQUIPMENT Plug landed 6 1500 ps. Baskets AFU Inserts Float Shoe Latch Down Float Shoe Mileage Pumptrk Charge Mileage Tax Discount	Rat Hole 25 sx				Salt					
Baskets D/Y or Port Collar CFL-117 or CD110 CAF 38 Sand Latch down Set @ 5759 - F5t Handling Mileage FLOAT EQUIPMENT Guide Shoe Float Held in Float Shoe Latch Down Float Held in Float Shoe Latch Down Pumptrk Charge Mileage Tax Discount	Mouse Hole 255y	1			Flowseal					
D/V or Port Collar CFL-117 or CD110 CAF 38 Run 137 H5 of 5/2 casing 15.5 2 Sand Latch down Set 6 5559 - Est Handling Citation Citation Citation FLOAT EQUIPMENT Lass and Handling Guide Shoe Float Held Float Shoe Latch Down Float Held Float Shoe Latch Down Pumptrk Charge Mileage Tax Discount	Centralizers				Kol-Seal					
Ran 137) H3 os 5/2 casing 15.5 H Sand Latch down Set 6 5559 - 65+ Handling Mileage Mileage FLOAT EQUIPMENT Act of more lates of more late	Baskets		14	At- 45-	Mud CLR 48		E MIRATE LONG.			
Handling Mileage FLOAT EQUIPMENT Mileage FLOAT EQUIPMENT Guide Shoe Centralizer Plug landed & 1500ps: Baskets AFU Inserts Float Held Float Shoe Latch Down Pumptrk Charge Mileage Tax Discount	D/V or Port Collar			H	CFL-117 or	CD110 CAF 38		Trans		
Mileage FLOAT EQUIPMENT Guide Shoe Centralizer Plug landed & 1500 S. Baskets AFU Inserts Float Held: Float Shoe Latch Down Float Shoe Latch Down Float Shoe Tax Discount	Ran 137 145 05	5/2 504	ing 15.5	#	Sand					
FLOAT EQUIPMENT Guide Shoe Controllizer Plug landed & ISOOps: Baskets AFU Inserts Float Held Latch Down Pumptrk Charge Mileage Tax Discount	Lorth down St+	6 555	9 - FS+		Handling					
Plug landed & ISOOps: Baskets AFU Inserts Float Heldin Float Shoe Latch Down Pumptrk Charge Mileage Tax Discount	Citablian Circ	good -	NY 1-18 50	Ogel	Mileage					
Plug landed & 1500 ps. Baskets AFU Inserts Float Held Float Shoe Latch Down Pumptrk Charge Mileage Tax Discount	JUS Flush - Re-	(Jbbl +	120 10 (1	con		FLOAT EQUIPM	MENT			
Plug landed & ISOO S. Baskets AFU Inserts Float Held Float Shoe Latch Down Pumptrk Charge Mileage Tax Discount	Tres one mixel	125'SX	Shut do	NW	Guide Shoe		TO PROPERTY OF THE			
AFU Inserts Float Held Float Shoe Latch Down Pumptrk Charge Mileage Tax Discount	THORE LINES - D.	50 131.	49 661	H20	Centralizer		9 5/2			
Float Held Float Shoe Latch Down Pumptrk Charge Mileage Tax Discount	Plug landed 9	15000	Si .		Baskets		3200			
Latch Down Latch Down -5/2 -LO Pluy -LO Pluy		1.4			AFU Inserts		1.5%			
Pumptrk Charge Thank four Mileage Tax Discount	Fla	it Hele	g.		Float Shoe		1-542			
Bol fasper Mileage Tax Discount			123 1 C C		Latch Down	Add II has being	1-5-/2			
Bol fasper Mileage Tax Discount							1-40 Play			
Bol fasper Mileage Tax Discount										
Bol fasper Mileage Tax Discount			THE PROPERTY OF		Pumptrk Cha	arge				
Bol Fager Discount		Than	L 1/04.							
	-001						Tax			
	Bot tosser		THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO				Discount			
	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	er i digitale					Total Charge			

QUALITY WELL SERVICE, INC.

Home Office 324 Simpson St., Pratt, KS 67124

Todd's Cell 620-388-5422 Office / Fax 620-672-3663

Rich's Cell 620-727-3409 Brady's Cell 620-727-6964

Date /2-20-14 //	Twp. 34	Range	Clack		State	On Location	Finish 3:45pm			
	Well No.	KC7	10-00-00 T				J			
	vveii No.	701	Location							
Type Job Sur Fuce		Owner To Quality We	ell Service, Inc.							
Hole Size /71/2 T.D.			You are here	by requested to rent	cementing equipment	nt and furnish to work as listed.				
Csg. 13 3/8	Depth			cementer and helper to assist owner or contractor to do work as listed. Charge To Reh 11+600						
Tbg. Size	Depth	20'		To /	(n pi) i u					
Tool	Depth	av	· ·	Street		Ctoto				
Cement Left in Csg.	Shoe J	oint	+		s done to satisfaction ar	State	r agent or contractor			
Meas Line	Displac			CONTRACTOR OF THE PARTY OF THE	ount Ordered 200					
Wede Line				Used 50	THE RESERVE OF THE PARTY OF THE	101 3				
Call Concluctor	Staye	of full.			\$ 505× Co					
Charged holf	on	pump	true	K Cho	rgp. \$300.0	00				
1000 100 100 100 100 100 100 100 100 10			100			S. C. W. W. W. C. S. C.	THE PERSON			
Charged half	on	Milage	00 1	selk Cha	ege & Pump	fork. Bom.	les			
On Location 1 Anytime after		11 8:00	P JESENSON PROPERTY AND PROPERT			12-20-11 8	3:00 AN			
Had 8ho 2 2	50.U	Charge	rd	Chrs @	250.00 = 1.	500.00				
CTALLY CONTRACTOR AND ACCURATION	4 - 14 4	· · · · · · · · · · · · · · · · · · ·	× 4 4	Frank Lindon			2012 AND 100 AND 100			
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QUALITY WELL SERVICE, INC.

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Home Office 324 Simpson St., Pratt, KS 67124

Todd's Cell 620-388-5422 Office / Fax 620-672-3663 Rich's Cell 620-727-3409 Brady's Cell 620-727-6964

D. 12-19 11	Sec.	Twp. 34	Range	1 01	County	State	On Location	Finish 8:00 AM	
Date / 2 - 1 9 - 1	1 1	V 1	VID		ark PI	1/11 5 11 7/1	1 1 31		
Lease Harper Kanc	n IW	ell No.	167	Locati		4W South 3/2	miles to X Rd	l west.	
Contractor ©						ell Service, Inc.			
Type Job Surface			2.4.0		You are here	by requested to rent	cementing equipmen	t and furnish	
Hole Size 17/2 T.D. 367					You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. Charge				
Csg. 15 78 Deptil 39 6.20					To Ke	eh 0,1+6	as		
Tbg. Size	4	Depth			Street				
Tool Landing Joint	16.00	Depth	36220		City		State		
Cement Left in Csg.			oint 35-			as done to satisfaction ar		agent or contractor.	
Meas Line			e 51 3/4			ount Ordered 4005	Common 2%	Ge/	
	EQUIPM	IENT			3% CC	14 CF. 150	sx Common 39	8	
Pumptrk 8 No.	David				Common 4	150			
Bulktrk 5 No.	Jurne				Poz. Mix				
Bulktrk No.	Mike				Gel. 7				
Pickup No.					Calcium 1	0			
JOB SE	RVICES	& REMA	RKS		Hulls				
Rat Hole	- (1.1				Salt				
Mouse Hole					Flowseal	DO			
Centralizers				Page 1	Kol-Seal	Kol-Seal			
Baskets			Part of the con-		Mud CLR 48				
D/V or Port Collar					CFL-117 or 0	CD110 CAF 38			
Run gits 13	33/8	54.	CSq.		Sand				
Set 2 346.	20		1		Handling 4	173		t in	
					Mileage 6	,5		1	
Mix + Pump 40	00 5x	Com	mon		8 6 73	% FLOAT EQUIPM	ENT		
2% 901 3% 0	c 1/4	# CF			Guide Shoe				
					Centralizer				
					Baskets /				
Displaced 513/	tbbls.				AFU Inserts				
Shot in 8:00					Float Shoe				
			take 1	1	Latch Down				
				1					
Circulated to the	n:4	ا در							
CHOINICA TO THE	PIT				Pumptrk Cha	irge 65			
					Mileage		11 July 200 10 10 10 10 10 10 10 10 10 10 10 10 1		
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X Signature / (Ub)	M	^					Total Charge	011/10	
Signature /	V						Total Ollarge		