KOLAR Document ID: 1477234

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1
January 2018
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No.:
Name:	Spot Description:
Address 1:	SecTwpS. R
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ DH ☐ EOR	Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)	Multiple Stage Cementing Collar Used? Yes No
Cathodic Other (Core, Expl., etc.):	
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to: w/ sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
☐ EOR Permit #:	Location of haid disposal if hadica offsite.
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSec TwpS. R East West
Recompletion Date Recompletion Date	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 Drill Stem Tests Received
Geologist Report / Mud Logs Received
UIC Distribution
ALT I II Approved by: Date:

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Page Two

Operator Name:					Lease Nam	ne:			Well #:	
Sec Tw	pS. F	R [East	West	County:					
open and closed and flow rates if	, flowing and sh gas to surface t ty Log, Final Lo	nut-in pressurest, along wit	es, whe h final c ain Geo	ther shut-in pre hart(s). Attach physical Data a	essure reached extra sheet if r and Final Electr	station more : ric Loc	level, hydrosta space is needed	tic pressures, d.	bottom hole tempe	val tested, time tool rature, fluid recovery, Digital electronic log
Drill Stem Tests (Attach Addit			Ye	es No		Lo	og Formatio	n (Top), Deptl	n and Datum	Sample
Samples Sent to	Geological Sur	vey	Ye	es 🗌 No		Name)		Тор	Datum
Cores Taken Electric Log Run Geologist Repor List All E. Logs F	t / Mud Logs		Y€ Y€	es No						
			Repo		RECORD [Nev	w Used rmediate, producti	on. etc.		
Purpose of St		ze Hole Orilled	Siz	e Casing (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	OF MENTING /					
Purpose:	[Depth	Typo	of Cement	# Sacks Use		EEZE RECORD	Typo a	nd Percent Additives	
Perforate Protect Ca Plug Back	Top	Bottom	туре	or cement	# Sacks Use	,u		туре а	ia reicent Additives	
Plug Off Z										
Did you perform Does the volum Was the hydraul	e of the total base	fluid of the hyd	draulic fra	cturing treatmen		•	Yes ns? Yes	No (If No	, skip questions 2 an , skip question 3) , fill out Page Three o	,
Date of first Produ	ction/Injection or	Resumed Produ	uction/	Producing Meth			Coolift 0	thor (Fundain)		
Estimated Produc	otion	Oil Bb	le.	Flowing Gas	Pumping Mcf	Wate		ther <i>(Explain)</i> bls.	Gas-Oil Ratio	Gravity
Per 24 Hours		Oli Bb	15.	Gas	IVICI	vvale	ı Di	JIS.	Gas-Oil Hallo	Gravity
DISPO	OSITION OF GAS	S:		N	METHOD OF CO	MPLE.	TION:		PRODUCTIO	N INTERVAL:
Vented	Sold Use	d on Lease		Open Hole				nmingled	Тор	Bottom
(If vente	ed, Submit ACO-18	.)			(5	SUDITIIL I	ACO-5) (Subi	mit ACO-4)		
Shots Per Foot	Perforation Top	Perforation Bottom	on	Bridge Plug Type	Bridge Plug Set At		Acid,		Cementing Squeeze Kind of Material Used)	Record
TUBING RECOR	D: Size:		Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	ARROYO UNIT 21-11
Doc ID	1477234

Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugTyp e	BridgePlugSet At	Material Record
					Drilled out to 4600', spot 100 sxs Class A @ 4600'
4	4156	4162			Acidize perfs w/ 11,000 gals 15% NEFE- HCl and 300 ball sealers
4	4088	4107			
4	4062	4068			
4	3943	3952			
4	3890	3922			
2	3868	3886			
2	3842	3854			
4	3734	3740			

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Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	24	1595	65/35 poz (Lead), Class A (Tail)	750	6% gel, 3% CC, 1/4# flakes (Lead), 3% CC, 2% gel (Tail)
Production	7.875	5.5	14	4352	GMD (Lead), 65/35 poz (Tail)	300	6% gel, 1/4# flakes (Tail)

GLOBAL OIL FIELD SERVICES, LLC

REMIT TO	24 S. Lin	coln			CE	OVICE DOINT	en de la companya de	
		KS 67665			SEI	RVICE POINT:	And Broke 15	
•		•			cji- ³	125-17	35 Jan 19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
60.2 0.2	SEC.	TWP.	RANGE	CAL	LLED OUT	ON LOCATION	JOB START	JOB FINISH
DATE / Set	7 17		1 1			1 1 1 1 1 1 1 1 1 1	JOBSIAKI	A. D. MA
LEASE A D P &	well#	6 / fr. 11 1	LOCATION ,	Charage	Water 4x	2 of (w)	COUNTY ST GAT 6 M	STATE
OLD OR NEW ((CIRCLE ONE)		}		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		3) 4H 6/0	1 1 2 3
			<u> </u>	<u> </u>	<u> </u>			* '
CONTRACTOR Z	DERRE	de o K	Vo Y		OWNER			
TYPE OF JOB		RIAG		<u> </u>				
THE SECTION OF THE SE				· · · · · · · · · · · · · · · · · · ·	CEMENT		vē.	
CASING SIZE TUBING SIZE	5 17		PTH		AMOUNT ORI	DERED_S	in Cupri	
DRILL PIPE			PTH		110046	an pl		
TOOL			PTH		160,460	V35 67464	7 # E10 Seg	33
PRES. MAX			PTH			Circle / L /		Jan Bline
MEAS, LINE			NIMUM		COMMON	######################################	@ /655	
	7, 7	SH	OE JOINT		POZMIX	and the second	@ 7.50	JEANN STORE
CEMENT LEFT IN O	LSG . L_{p}/L_{q}				GEL		@ <u>30,000</u>	775
	- 3 John C + 1/2	<i>t-1/1.</i>			CHLORIDE		@	- 4X - F
DISPLACEMENT	160,0	* hota()			ASC		@	
	EQUIPM	ENT			GMD	190	@ 700	R. CO. 10
DID ID TOXY CV					F10 SE	4/ 28	@ - 3.9°0	5,2,00
PUMP TRUCK	CEMENTER	<u> 75 f 17 - </u>			Homeskalin		@	
# 4/7	HELPER	JAJON.	/			AT	@	
BULK TRUCK		C 13					@	
	DRIVER	5 July : C					@	
BULK TRUCK		9					@	
#	DRIVER	1 1111					@	7/00
*					HANDLING	Company 408	@ <u>7.50</u>	-2/35 TOR
					MILEAGE	15.27/2 57 B	9) 19 (2)	- EOSH : ACE
	DEM	ADIZO			MILLEROID .			77 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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Piper 41	<i>i</i>	<i>[]</i>	D4316					14032
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Want of the		(1) (1) (1)	ane inter		<u> </u>		LOD	
	1			200	DEPTH OF JOB	<u>(*). </u>		
Burger Valer			1 11 6 13 15 C	- 	PUMP TRUCK C	HARGE		7400.00
13/10 A 157		S tentos	and alling the	1500	EXTRA FOOTAG	3E /	i)	
. C. 14 . O. 2 13 . Ca	Jo 4 J 62				MILEAGE A	190 POO	3'.00	300 00
					MANIFOLD /	11047 TAS (1770)	2 17 (7)	200,00
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STREET							TOTAL	230000
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			•			PLUG & FLOAT	'EQUIPMENT	
Clahal Oil Eista		110						
Global Oil Field	ı Services,	LLC		****	1700 h	÷ 3:5	77	477.00
You are hereby r	equested to	rent cementi	ng equipment	and	23 A 1		310-	1110 50
furnish cementer a	and helper(s)	to assist own	ier or contracto	or to	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(4)	V (1)/7	1 4.5° 00
lo work as is liste	d. The abov	e work was o	lone to satisfac	ction	- 4 5, 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	(4)	25 c -	325.08
and supervision of	t owner ager	it or contracte	or. I have read	and)	
maerstand the "	JENERAL	TERMS ANI	O CONDITIO	NS"	1745	·/ / @	}	
isted on the revers	se side.			Stanlby	(1)1788 (0)	Section .		19000
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RINTED NAME	<u> </u>	4			- Landon			
	<u>y</u> :	17:11			SALES TAX (If A	ny)		
IGNATURE	M. W.	K. Kente.	ر ا		TOTAL CHARGE	S		
4.7		7		· · ·	ONE BRODE	·		

GLOBAL OIL FIELD SERVICES, LLC

24 S. Lincoln

RUSSELL, KS 67665 HAYS RCVD

OCT 02 2019





Date	Invoice #
9/30/2019	13857

Bill To		
BEREXCO LLC PO BOX 723 HAYS,KS 67601	OCT 0 7 2313	

P.O. No. Terms Project ARROYO#21-11 Due on receipt

Quantity	B 1.11			
	Description		Rate	Amount
	COMMON CEMENT POZ			5.50 2,541.0
	BENTONITE GEL			532.0
	FLO-SEAL).00 210.0
	GMDC COMMON CEMENT		2.07	15 (51)
	HANDLING			3,551.1
400	BULK MILEAGE			.90 760.0
	BOLK MILEAGE		3,200	3,200.0
	TRI-PLEX PUMP TRUCK CHARGE FOR LONGSTRING		1,400	1,400.0
	LMV- ONE WAY			300.0
100	HEAVY EQUIPMENT. ONE WAY			5.00 600.0
8	5 1/2 TURBOLIZER		0.4	.00 672.0
	5 1/2 BASKET		215	
	5 1/2 LD PLUG & BAFFLE		285	
	5 1/2 AFU FLOAT SHOE		325	
	CHARGED AFTER THE FIRST 4HRS OF WAITING		325.58	
			323.30	700.0
	15% DISCOUNT IF PAID WITHIN 15 DAYS OF INVOICE			
	B ACP PR	-pig		
		1		
k you for you	r business.			
			Total	Φ15 564 1s

Phone # Fax# 785-445-3525 785-445-3526

Total

\$15,564.10