KOLAR Document ID: 1639469

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:		
Address 2:		Feet from North / South Line of Section
City: State: Z	ip:+	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.xxxxx) (e.gxxx.xxxxx)
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 ☐ GSW		Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)		Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):		Multiple Stage Cementing Collar Used?
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 1	Total Depth:	
Deepening Re-perf. Conv. to E	EOR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Liner Conv. to 0	GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
		Chloride content: ppm Fluid volume: bbls
		Dewatering method used:
		Location of fluid disposal if bouled office.
		Location of fluid disposal if hauled offsite:
	_	Operator Name:
		Lease Name: License #:
Spud Date or Date Reached TD	Completion Date or	Quarter Sec TwpS. R
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 Name:			Well #:	
Sec Twp.	S. R.	Ea	ast West	County:				
	flowing and shu	ıt-in pressures, w	hether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	. Digital electronic log
Drill Stem Tests Ta			Yes No		_	on (Top), Depth ar		Sample
Samples Sent to G	Geological Surv	ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		R			New Used	on, etc.		
Purpose of Strir		Hole	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / S	QUEEZE RECORD	I		
Purpose:		epth Ty	pe of Cement	# Sacks Used		Type and F	Percent Additives	
Protect Casi								
Plug Off Zon								
 Did you perform a Does the volume o Was the hydraulic 	of the total base f	luid of the hydraulic	fracturing treatment	_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three (,
Date of first Producti Injection:	ion/Injection or Re	esumed Production	/ Producing Meth	nod:	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			N INTERVAL: Bottom
	_	on Lease	Open Hole			mmingled mit ACO-4)	Тор	Bottom
,	, Submit ACO-18.)				· · · · · · · · · · · · · · · · · · ·			
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record
TUBING RECORD:	Size:	Set /	At:	Packer At:				
. 5213 (1200) 10.	JIEG.			. 30.0.71				

Form	ACO1 - Well Completion
Operator	Colt Energy Inc
Well Name	CLINE 51
Doc ID	1639469

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	11.25	8.625	24	20	Portland	8	None
Production	6.75	4.5	11.60	1023	Thick Set (OWC)	_	2#/sx Phenoseal

					Colt Er	nergy Driller's	Log							
Lease: Clin	e		Well No. 51	Well Loca		NL & 982' FEL		Sec. 16		Twp	. 24S		Rng.	18E
API #: 15-0	01-31699		Type: Oil	•	County: A	llen		State: KS	Spud Da	Date: 1/27/22		Total Depth: 1031'		th: 1031'
Driller: Dev	in Bernstin		Surface Ca	asing		Bit Re	cord				Coring I	Reco	rd	
Crew: Seth	Sanford		Bit Size:	11.75"	Туре	Size	Start	End	Core #		Size		art	End
	Casing Size: 8.625" PDC 11.75" 0 20 1													
Start Rig H	rs:		Casing Length:	20'	PDC	6.75	20	1031	2					
End Rig Hr	s:		Cement used:	8 sx					3					
Total Rig H	rs:		Cement Type:	Portland					4					
From	То		Formation		From	То		Formation			Pipe Tally		ally	
0	20	Overburd	en							1	38.85	,	19	37.85
20	180	Shale								2	37.90)	20	36.80
180	300	Limeston	e							3	38.20)	21	38.50
300	490	Shale								4	38.85	,	22	37.50
490	500	Limeston	e							5	34.50)	23	38.20
500	560	Shale								6	38.85	;	24	37.00
560	580	Limeston	e							7	38.10)	25	38.15
580	600	Shale								8	37.55	5	26	36.85
600	630	Limeston	e							9	38.80)	27	38.40
630	780	Shale								10	35.25	,	28	
780	850	Shale								11	37.90)	29	
850	1031	Sandston	e							12	38.90)	30	
										13	38.90)	31	
										14	38.90)	32	
										15	37.35	<u>, </u>	33	
										16	35.85	<u>, </u>	34	
										17	36.75	5	35	
										18	38.50)	36	
										1019	9.15'+4' cm	nt sho	oe= 10)23.15'

810 E 7TH PO Box 92 EUREKA, KS 67045 (620) 583-5561



Cement or	Acid Field Report
Ticket No.	6200
Foreman	David Galdner
Camp	A SOLID MODEL

Customer Colf Energy INC. Mailing Address P.O. Box 388 City State State	State
Customer Colf Energy, INC. Mailing Address P.O. Box 388 City State Tola Casing Depth 1019.15' G.L. Hole Size 674" Casing Size & Wt. 412" 11.60 Cement Left in Casing 41 S.J. Water Gal/SK Displacement 16 Bb1 Displacement PSI Displacement 15 Bb1 Remarks: Safety Meeting: Rig up to 412" Casing. Break circulation w/ 5 Bb1 fresh was 400 Get Get Flush w/ 2 sks Hulls, 5 Bb1 water spacer. Mixed 125 sks Thick Set w/ 2 Phenoseal /sk @ 13.84/gg1, yield 1.62=36 Bb1 slurry. Wash out pump 4 lindown. Release 2 (us. Displace alug to seat w/ 16 Bb1 fresh water. fingl pumping pres	KS
Mailing Address P.O. Box 388 City State Lola Lola Lola State State State State Lolo 199 Hole Depth 1031' Casing Depth 1019.15' G.C. Hole Size 634'' Casing Size & Wt. 412" 11.60 *Cement Left in Casing 41' S.J. Water Gal/SK Displacement 16 Bb1 Displacement PSI 500 Bump Plug to 900 PSI BPM Remarks: Safety Meeting: Rig up to 412" casing. Break circulation w/ 5 Bb1 fresh water 400 *Gel Flush w/ 2 sxs Hulls, 5 Bb1 water spacer. Mixed 125 sxs Thick Set w/ 2 *Phenoseal /sk @ 13.8 */gal, yield 1.62 = 36 Bb1 slurry. Wash out pump 4 lindown. Release plug. Displace plug to seat w/ 10 Bb1 fresh water. final pumping pres	Driver
P.O. Box 388 City State Zip Code Lola KS (olo749 Job Type Longstring Hole Depth 1031' Slurry Vol. 36 Bb1 Tubing Casing Depth 1019.15' G.C. Hole Size 694'' Slurry Wt. 13.8# Drill Pipe Casing Size & Wt. 41/2" 11.60# Cement Left in Casing 41 S.J. Water Gal/SK Other Displacement 16 Bb1 Displacement PSI 500 Bump Plug to 900 PSI BPM Remarks: Safety Meeting: Rig up to 41/2" casing. Break circulation w/ 5 Bb1 fresh wa 400# Gel Flush w/ 2 sxs Hulls, 5 Bb1 water spacer. Mixed 125 sxs Thick Set w/ 2# Phenoseal /sk @ 13.8#/ga1, yield 1.62= 36 Bb1 slurry. Wash out pump 4 lindown. Release 2(ug. Displace 2)ug to seqt w/ 10 Bb1 fresh water. final pumping pres	
City State Zip Code Lola KS (06749 Slurry Vol. 36 Bb1 Tubing Casing Depth 1019.15' G.L. Hole Size 6 3/4" Casing Size & Wt. 4/2" 11.60 Cement Left in Casing 4' S.J. Water Gal/SK Displacement 16 Bb1 Displacement PSI 500 Bump Plug to 900 PS1 BPM Remarks: Safety Meeting: Rig up to 4/2" casing. Break circulation w/ 5 Bb1 fresh was 400 Be1 Flush w/ 2 sxs Hulls, 5 Bb1 water spacer. Mixed 125 sxs Thick Set w/ 2" Phenoseal /sx @ 13.8"/ga1, yield 1.62=36 Bb1 slurry. Wash out pump 4 lindown. Release 2(ug. Displace 2)ug to seat w/ 16 Bb1 fresh water. final pumping pres	
City State Zip Code Lola KS (010749 Job Type Longstring Hole Depth 1031' Slurry Vol. 36 Bbl Tubing Casing Depth 1019.15' G.C. Hole Size 634' Slurry Wt. 13.8# Drill Pipe Casing Size & Wt. 41/2" 11.60# Cement Left in Casing 4' S.J. Water Gal/SK Other Displacement 16 Bbl Displacement PSI 500 Bump Plug to 900 PSI BPM Remarks: Safety Meeting: Rig up to 41/2" casing. Break circulation w/ 5 Bbl fresh wa 400# Gel Flush w/ 2 sxs Hulls, 5 Bbl water spacer. Mixed 125 sxs Thick Set w/ 2# Phenoseal /sk @ 13.8#/gal, yield 1.62= 36 Bbl slurry. Wash out pump 4 lindown. Release plug. Displace plug to seat w/ 16 Bbl fresh water. Final pumping pres	
Job Type Longstring Hole Depth 1031' Casing Depth 1019.15' G.C. Hole Size 634" Casing Size & Wt. 41/2" 11.60 *Cement Left in Casing 4' S.J. Water Gal/SK Displacement 16 Bb1 Displacement PSI 500 Bump Plug to 900 PSI BPM Remarks: Safety Meeting: Rig up to 41/2" casing. Break circulation w/ 5 Bb1 fresh was 400 * Ge1 Flush w/ 2 sxs Hulls, 5 Bb1 water spacer. Mixed 125 sxs Thick Set w/ 2 * Phenoseal/sk @ 13.8 * /ga1, yield 1.62 = 36 Bb1 slurry. Wash out pump 4 lindown. Release plug. Displace plug to seat w/ 16 Bb1 fresh water. final pumping pres	- Virganti
Job Type Longstring Hole Depth 1031' Casing Depth 1019.15' G.C. Hole Size 634" Casing Size & Wt. 412" 11.60 * Cement Left in Casing 4' S.J. Water Gal/SK Displacement 16 Bb1 Displacement PSI 500 Bump Plug to 900 PSI BPM Remarks: Safety Meeting: Rig up to 41/2" casing. Break circulation w/ 5 Bb1 fresh was 400 * Ge1 Flush w/ 2 sks Hulls, 5 Bb1 water spacer. Mixed 125 sks Thick Set w/ 2 * Phenoseal/sk @ 13.8 * /gal, yield 1.62 = 36 Bb1 slurry. Wash out pump 4 10 down. Release plug. Displace plug to seat w/ 16 Bb1 fresh water. final pumping pres	
500 PSI. Bump plug to 900 PSI. Wait 2 mins. Release pressure. Float held. S. @ 0 PSI. Good cement returns to surface = 5 Bbl slurry to pit. Annulus stan of cement. Job complete. Rig down.	cement es. Shut sure of

/	Pump Charge		
50	Mileage		
125 sks	Thick Set Cement		
250#	Phenoseal 2 1/sk		
6.87 Tons	Ton Mileage - Bulk Truck	30 Top 20 B	
400 tt	Gel Aush		
80#	Hulls		
/	41/2" Top Rubber Plug		
1			
	Thank You	100 100 100 11 10 100	
Secret			
	125 sks 250# 250# 400# 80#	125 sks Thick Set Cement 250# Phenoseal 2*/sk 6.87 Tons Ton Mileage-Bulk Truck 400# Gel Flush 80# Hulls 1 41/2" Top Rubber Phy	125 sks Thick Set Cement 250# Phenoseal 2 /sk 2-87 Tons Ton Mileage - Bulk Truck 400# Gel Flush 80# Hulls 1 41/2" Top Rubber Phy