KOLAR Document ID: 1699672

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: 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.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	Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane) 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
•	If Alternate II completion, cement circulated from:
Operator:	•
Well Name:	feet depth to: 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 #:	·
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec. Twp. S. 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 III Approved by: Date:

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Page Two

Operator Name:				Lease Name:			Well #:	
Sec Twp.	S. R.	Ea	st West	County:				
	lowing 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	v. Digital electronic log
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample
Samples Sent to G	eological 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					
		Re			New Used	ion, etc.		
Purpose of Strin		Hole	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / SO	QUEEZE RECORD	l		
Purpose:		epth Ty Bottom	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:	on/Injection or Re	esumed Production	/ Producing Meth	nod:	Gas Lift 0	Other <i>(Explain)</i>		
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			ON INTERVAL:
	_	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:				
. 5513 1200 10.	5120.		···	. 30.0.71				

Form	ACO1 - Well Completion
Operator	Atlas Operating LLC
Well Name	MARVEL 2
Doc ID	1699672

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set			Type Of Cement		Type and Percent Additives
Surface	14.5	10.75	32	219	60/40 Poz	250	3% cc, Gel
Production	9.875	7	23	4994	AA2	200	10% salt
Liner	6.366	4.5	11.60	4900	65/35 poz	605	FR
					common		

	A Ceme			TREATS	HNO REPORT				Sand Street Feb.		n II Sand
Detv	2/17/2023	Comics GR		CARTA	Tipe Treatment	deret .	101/53		2017 2019		A TO THE REAL PROPERTY.
	ATLAS OFER		A	£50766			tel (Gai				
	me & Nim MARV		Rister -			-45	MI/GA				
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	WINTER CO.	14. A.	Share KS		Fligh		MA / Cold			No. 11	0
Eason	See 4 1/	Type 6 as		loter .	Transled from			n la	4	No 1	ō
to metro			Part	777	harr -			4 %	h	NO %	0
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OF The 124s			Part								
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mining f	legs events (Ive		ŞANI		Treater				GREGIC		
TIME	Mos	SURES	SAA1		Treater_		FEA	WH'S	GREG C		
THAE R./B.FT		SURES ,		ONTOCATION	treater		87.34	APLS	GREG C		
THAE R./B.FT	Mos			ON LOCATION	Treater		\$2.34	APES	GREGIC		
PME N/D FF	Mos				treates _		872.34	AAPIS	GREG C		
NAC L/b m	Mos			CIBP SET @ 49			FE34	ADIS	GREGIC		
NAC L/b m	Mos			CIBP SET @ 49 INSERT SET @	4895' 15'						
TUME n./p.m.	Mos			CIBP SET @ 49 INSERT SET @ DV TOOL @ 32 MIX 105 SKS 6	4895' 215' 5/35 6% G	EL 1/29	% C-3	7 FRICTIO	N REDUCI	ER MIX	ED AT 12.7#
NAC L/S (II	Mos			CIBP SET @ 49 INSERT SET @ DV TOOL @ 32 MIX 105 SKS 6	4895' 215' 5/35 6% G	EL 1/29	% C-3	7 FRICTIO	N REDUCI	ER MIX	ED AT 12.7#
NAC L/b m	Mos			CIBP SET @ 49 INSERT SET @ DV TOOL @ 32 MIX 105 SKS 6 PER GALLON T RINSE PUMP A	4895' 215' 5/35 6% G AILED BY 1	ISO SKS	% C-3	7 FRICTIO	n REDUCI XED @ 15	.6# PE	R GALLON
PME N/D FF	Mos			CIBP SET @ 49 INSERT SET @ DV TOOL @ 32 MIX 105 SKS 6 PER GALLON T RINSE PUMP A	4895' 215' 5/35 6% G AILED BY 1	ISO SKS	% C-3	7 FRICTIO	n REDUCI XED @ 15	.6# PE	R GALLON
THAE N./D FT	Mos			CIBP SET @ 49 INSERT SET @ DV 700L @ 32 MIX 105 SKS 6 PER GALLON T RINSE PUMP A RELEASE PLUG	4895 255 5/35 6% G AILED BY I AND LINE C DISPLACE AND HELI	ISO SKS OUT, WITH D.	% C-3 5 COM 79.3	7 FRICTIO IMON MI BBLS 4 BF	N REDUCI XED @ 15	.6# PE	R GALLON
THAE N./D FT	Mos			CIBP SET @ 49 INSERT SET @ DV 700L @ 32 MIX 105 SKS 6 PER GALLON T RINSE PUMP A RELEASE PLUG	4895 255 5/35 6% G AILED BY I AND LINE C DISPLACE AND HELI	ISO SKS OUT, WITH D.	% C-3 5 COM 79.3	7 FRICTIO IMON MI BBLS 4 BF	N REDUCI XED @ 15	.6# PE	R GALLON
THAE N./D FT	Mos			CIBP SET @ 49 INSERT SET @ DV TOOL @ 32 MIX 105 SKS 6 PER GALLON T RINSE PUMP A RELEASE PLUG PLUG LANDED DROPPED THE	4895' 215' 5/35 6% G AILED BY I AND LINE C DISPLACE AND HELI OPENING	LSO SKS DUT, WITH D. TOOL	% C-3 5 COM 79.3	7 FRICTIO IMON MI BBL5 4 BP	N REDUCI XED @ 15 PM RATE (.6# PE @ 750! NED @	PSI. 1400# PSI
NAC L/S (II	Mos			CIBP SET @ 49 INSERT SET @ DV TOOL @ 32 MIX 105 SKS 6 PER GALLON T RINSE PUMP A RELEASE PLUG PLUG LANDED DROPPED THE CIRCULATE FO	4895' 5/35 6% G AILED BY I AND LINE C DISPLACE AND HELI OPENING OR 3 HOUR	LSO SKS DUT. WITH D. TOOL S. CEM	% C-3 5 COM 79.3	7 FRICTIO IMON MI BBL5 4 BP	N REDUCI XED @ 15 PM RATE (.6# PE @ 750! NED @	PSI. 1400# PSI
THAE N./D FT	Mos			CIBP SET @ 49 INSERT SET @ DV TOOL @ 32 MIX 105 SKS 6 PER GALLON T RINSE PUMP A RELEASE PLUG PLUG LANDED DROPPED THE	4895' 5/35 6% G AILED BY I AND LINE C DISPLACE AND HELI OPENING OR 3 HOUR	LSO SKS DUT. WITH D. TOOL S. CEM	% C-3 5 COM 79.3	7 FRICTIO IMON MI BBL5 4 BP	N REDUCI XED @ 15 PM RATE (.6# PE @ 750! NED @	PSI. 1400# PSI
PME N/D FF	Mos			CIBP SET @ 49 INSERT SET @ DV TOOL @ 32 MIX 105 SKS 6 PER GALLON T RINSE PUMP A RELEASE PLUG PLUG LANDED DROPPED THE CIRCULATE FO FOR APPROXII	4895' 5/35 6% G AILED BY I AND LINE C DISPLACE AND HELE OPENING OR 3 HOUR MATELY 6	S CEM BBLS	% C-3 5 COM 79.3 FOR 1	7 FRICTIO IMON MI BBLS 4 BP THE DV, T CIRCULAT	N REDUCI XED @ 15 PM RATE (OOL OPER ED TO SU	0 7501 NED @ RFACE	PSI. 1400# PSI @ 48 88LS
PME N/D FF	Mos			CIBP SET @ 49 INSERT SET @ DV TOOL @ 32 MIX 105 SKS 6 PER GALLON T RINSE PUMP A RELEASE PLUG PLUG LANDED DROPPED THE CIRCULATE FO FOR APPROXII	4895 5/35 6% G FAILED BY I AND LINE O 5 DISPLACE 1 AND HELI 1 OPENING 10 AND HELI 10 AND	S CEM BBLS	% C-3 5 COM 79.3 FOR 1	7 FRICTIO IMON MI BBLS 4 BP THE DV, T CIRCULAT	N REDUCI XED @ 15 PM RATE (OOL OPER ED TO SU	0 7501 NED @ RFACE	PSI. 1400# PSI @ 48 88LS
TOME n./s-rt	Mos			CIBP SET @ 49 INSERT SET @ DV TOOL @ 32 MIX 105 SKS 6 PER GALLON T RINSE PUMP A RELEASE PLUG PLUG LANDED DROPPED THE CIRCULATE FO FOR APPROXII PUMP 350 SK: 12.7# PER GA	4895' 5/35 6% G AILED BY I AND LINE O DISPLACE AND HELI OPENING MATELY 6 S 65/35 69	LSO SKS DUT. : WITH D. : TOOL S. CEM BBLS:	% C-3 5 COM 79.3 FOR 1	7 FRICTIO IMON MI BBLS 4 BP THE DV, T CIRCULAT	N REDUCI XED @ 15 PM RATE (OOL OPER ED TO SU	0 7501 NED @ RFACE	PSI. 1400# PSI @ 48 88LS
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TRACE IN./s m.	Mos			CIBP SET @ 49 INSERT SET @ DV TOOL @ 32 MIX 105 SKS 6 PER GALLON T RINSE PUMP A RELEASE PLUG PLUG LANDED DROPPED THE CIRCULATE FO FOR APPROXII PUMP 350 SK: 12.7# PER GA	4895' 5/35 6% G AILED BY 1 AND LINE C DISPLACE AND HELE OPENING OR 3 HOUR MATELY 6 \$ 65/35 69 LLON AND LINE	LSO SKS DUT. WITH D. TOOL S. CEM BBLS. K GEL :	% C-3 5 COM 79.3 FOR 1 1/2%	7 FRICTIO IMON MI BBLS 4 BP THE DV, T CIRCULAT C-37 FRIC	N REDUCI XED @ 15 PM RATE (OOL OPER ED TO SU TION REC	.68 PE	PSI. 1400# PSI @ 48 BBLS MIXED @

SLURRY WAS CIRCULATED TO THE PIT

JOB COMPLETE

THANK YOU!!!

4:00