KOLAR Document ID: 1302904

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.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:
□ Oil □ WSW □ SWD	Producing Formation:
Gas DH EOR	Elevation: Ground: Kelly Bushing:
☐ OG ☐ 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? Yes No
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)
Committed at Provider	Chloride content: ppm Fluid volume: bbls
Commingled Permit #: Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Location of fluid disposal if fladied offsite.
GSW Permit #:	Operator Name:
<u> </u>	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec 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 III Approved by: Date:							

KOLAR Document ID: 1302904

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 erature, 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	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					Oually Comp. Commingled Uubmit ACO-5) (Submit ACO-4)			Bottom
(If vente	ed, Submit ACO-18	.)			(5	SUDITIIL I	ACO-5) (SUDI	nit 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	Haas Petroleum, LLC
Well Name	Ferrell 21i-HP
Doc ID	1302904

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set			Type Of Cement		Type and Percent Additives
Surface	9.875	7.000	17.5	20	Cement	5	N/A
Production	5.625	2.875	6.5	735	IA Cement	120	Poz Blend

Haas Petroleum, LLC 10551 Barkley Street, Suite # 307 Overland Park, Kansas 66212 Office (913) 499-8373 Fax (913) 766-1310

February 11, 2016

Company:

Haas Petroleum, LLC

Lease:

Ferrell – Well # 21 I HP

County:

Franklin

Spot:

SE SW SW NE of Sec 18, Twp 18, R 21 E

API:

15-059-27095-00-00

Spud:

January 28, 2016

TD:

735'

1/28/16:

Set 20' of 7" – Cemented with 5 sacks

2/1/16:

Drilled from 20' to 730' TD. Ran 721' of 2 7/8 casing

2/1/16:

Cemented with 110 sacks



520 TIC LO

FICKET NUMBER: 45

LOCATION GHOUM, KS

OREMAN CASON Kenned

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

Involce #80699?

020-431-9210 (OF 800-467-8676	,		CEMEN	I	• • •	11000	
DATE	CUSTOMER#	i	L NAME & NUM		SECTION	TOWNSHIP	RANGE	COUNTY
2/1/16	3451	Ferrell	# 21I.	-HP	NE 18	182	<u>ي</u> (FR
CUSTOMER .								
MAILING ADDRE	hetroleum			-	TRUCK#	DRIVER	TRUCK#	DRIVER
_	Ash St	Suite 20	سم م		729	Caskey	Jately	Masting
CITY	1481 01	STATE	ZIP CODE	4	467	Keige		
,	1	Vc	1 .		558	MIKHA		<u> </u>
Leauson		1 7 2	Ce(0211		Q75 /	I Ke Det	NEIGHT 27	
JOB TYPE_ <i>[©</i>	1/	HOLE SIZE	57/8"	HOLE DEPTH	1 750	CASING SIZE & V		8
CASING DEPTH		DRILL PIPE		_TUBING			OTHER	
SLURRY WEIGH	41 11 11 1	SLURRY VOL_		WATER gal/s	k	CEMENT LEFT IN		 ,
DISPLACEMENT	a A A A	DISPLACEMEN	4 1 . 2	MIX PSI	160	V	out -	1 0
REMARKS: // e	Vd Saloty	weeting,	estoblishe			ed toug		F SOL
to Howard	EN & PHIL	1 A	f :	1 1 1	pumped 1	SO NCS	rosblend	124
Celient	1 /	gel per s		ent to	surface,		up clegn	punped
2/2" W	shot plug	ta casin		1/4-14 b	/		soured to	400 1-51,
woll hel	d pressive	405 SO	min 1	u17,c	eleased po	escree, y	not in a	<u></u> وولانا
	A				7		\ , (-
							 	<u> </u>
Platerina A A A								<u> </u>
							_/'	
ACCOUNT			1				-	
CODE	QUANITY	or UNITS	DE	SCRIPTION of	SERVICES or PR	ODUCT	UNIT PRICE	TOTAL
CE0450	1		PUMP CHARG	SE			1500.00	
(E0002)	15 n	M	MILEAGE				107.25.	
CEO711	min		ton mi	Toage			660.00	•
WE0853.	140		80 1	ac	-		100.00	
					truck	ès	2367, 25	
			1	***************************************		46%	1088.94	
		····		A.		Subtestal	1 - 10 - 1	1278.31
CC 5840	120	Sics	Pozble	nd IA		- VOICILIA	1620.00	•
				~~~			120.60	
CC59651	TUA.	++ .	Gel	1 /	•		45 00	
CP8174	<u> </u>	<u> </u>	d/a "	cubber	plus ,		20,	
<u></u>		**********	<u> </u>		made -41	n co	1765.60	
			 	······································		00	821.38	961/15
						subtotal		96422
				······································			<u> </u>	
			 					
							1	
			 -			00		77.15
Pavin 3737			1			8%	SALES TAX ESTIMATED	
	die.						TOTAL	2319.67
AUTHORIZTION	_ ten	·		TITLE			DATE	4295.70)