KOLAR Document ID: 1598091

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
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)
Described	Chloride content: ppm Fluid volume: bbls
☐ Commingled Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Location of fluid disposal if flauled offsite.
GSW Permit #:	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 III Approved by: Date:					

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Page Two

Operator Name:					Lease Nam	ne:			Well #:		
Sec Tw	pS	S. R	Eas	st West	County:						
	l, flowing an	d shut-in press	sures, wh	ether shut-in pre	ssure reached	static	level, hydrostat	ic pressures, bo		val tested, time tool erature, fluid recovery,	
Final Radioactivi files must be sub							s must be emai	led to kcc-well-l	ogs@kcc.ks.gov	v. Digital electronic log	
Drill Stem Tests (Attach Addit		1		Yes No		Lo	g Formation	n (Top), Depth a		Sample	
Samples Sent to	Geological	Survey		Yes No		Name			Тор	Datum	
Cores Taken Electric Log Run Geologist Report List All E. Logs F	t / Mud Logs	s		Yes No Yes No Yes No							
			Rep	CASING	RECORD [New e, interr		on, etc.			
Purpose of St	tring	Size Hole Drilled		Size Casing let (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
				ADDITIONAL	CEMENTING /	SQUE	EZE RECORD				
Purpose: Depth Top Bottom			Тур	oe of Cement	# Sacks Use	ed		Type and Percent Additives			
Perforate Protect Ca Plug Back											
Plug Off Z											
Did you perform Does the volume Was the hydraul	e of the total I	base fluid of the	hydraulic f	fracturing treatment		-	Yes s? Yes Yes	No (If No, s	kip questions 2 ar kip question 3) Il out Page Three		
Date of first Produ Injection:	iction/Injection	n or Resumed Pr	roduction/	Producing Meth	od:	Пе	ias Lift O	ther <i>(Explain)</i>			
Estimated Production Oil Bbls. Per 24 Hours			Gas	Water			Gas-Oil Ratio Grav				
DISPO	OSITION OF	GAS:		N	METHOD OF CO	MPLET	ION:			ON INTERVAL:	
Vented (//		Used on Lease		Open Hole		Oually C Submit A		mingled nit ACO-4)	Тор	Bottom	
,	ed, Submit AC					1					
Shots Per Foot	Perforation Top	on Perfor Bott		Bridge Plug Type	Bridge Plug Set At		Acid,		ementing Squeeze and of Material Used)		
TUBING RECORI	D: S	ize:	Set At	: -	Packer At:						

Form	ACO1 - Well Completion
Operator	Bird Dog Oil, LLC
Well Name	GATES-GARRETT 1-3
Doc ID	1598091

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
Surface	14.25	9.625	40	862	60/40 Poz	3% CC, 2% Gel



QUASAR ENERGY SERVICES, INC.

3288 FM 51

Gainesville, Texas 76240

Office: 940-612-3336

Fax: 940-612-3336 | qesi@qeserve.com

FRACTURING

ACID

CEMENT

AFE#/PO#: 0 BID #: 2962 TYPE / PURPOSE OF JOB Cement-Surface SERVICE POINT Liberal, KS **CUSTOMER** BIRD DOG OIL & GAS WELL NAME **GATES-CARRETT 1-3H** ADDRESS 1801 BROADWAY STE #200 LOCATION CITY DENVER STATE CO ZIP 80202 TYPE AND PURPOSE OF JOB Cement-Surface DATE OF SALE 3/18/2021 COUNTY **STAFFORD** STATE KS QTY. CODE UNIT YD PUMPING AND EQUIPMENT USED **UNIT PRICE AMOUNT** 150 1000 Mile Mileage - Pickup - Per Mile \$3.15 \$ 472.50 300 1010 Mile Mileage - Equipment Mileage - Per Mile \$6.00 1,800.00 1 5440 L Per Well Pumping Charge 0'-3500' \$1,575.00 \$ 1,575.00 Subtotal for Pumping & Equipment Charges \$ 3,847.50 QTY CODE YD **MATERIALS** UNIT **UNIT PRICE AMOUNT** 300 5630 Per Sack L Cement - Class A \$15.75 \$ 4,725.00 1 4990 L Each Guide Shoe 9 5/8" \$539.28 \$ 539.28 5080 1 L Each Float Collar (Blue) 9 5/8" 976.50 \$976.50 \$ 1 5110 L Each Top Rubber Plug 9 5/8" \$182.40 \$ 182.40 4 5130 L Each Centralizers 9 5/8" \$94.50 378.00 850 5770 1 Per Lb. Calcium Chloride \$1.26 \$ 1,071.00 63 5800 L Per Lb. Cello Flakes-Poly Flake 1/8" cut \$ \$2.52 158.76 300 5850 L Per Lb. Gypsum \$0.95 285.00 300 5900 L Per Lb. Sodium Metasilicate (SMS) C-45 \$2.21 663.00 5950 28 L Per Lb. C-51 FWCA \$10.71 299.88 Subtotal for Material Charges 9,278.82 WORKERS TOTAL \$ 13,126.32 CHAD HINZ DISCOUNT: 25% DISCOUNT \$ 3,281.58 DANIEL BECK DISCOUNTED TOTAL 9,844.74 MARC SCHUPMAN

STAMPS & NOTES:

As of 9/22/15 any invoice with a discount must paid within 60 days of the invoice date. After 60 days the discount will be removed and the invojce will reflect full price.

CUSTOMER SIGNATURE & DATE

**All accounts are past due net 30 days following the date of invoice. A finance charge of 1 1/2% per month or 18% annual percentage rate will be charged on all past due accounts.



CEMENTING JOB LOG

QUASAR ENERGY SERVICES, INC.

3288 FM 51

Gainesville, Texas 76240 Office: 940-612-3336

Fax: 940-612-3336 | qesi@qeserve.com

Form 185-2c

3/18/21 CEMENTING JOB LOG

Company: BIRD DOG OIL & GAS Well Name: GATES-CARRETT 1-3H Type Job: Cement-Surface AFE #: **CASING DATA** Size: 95/8 Grade: Weight: 40 **Casing Depths** Top: Bottom: Drill Pipe: Size: Weight: Tubing: Size: Weight: Grade: TD (ft): 862 Open Hole: Size: 12 1/4 T.D. (ft): 862 Perforations From (ft): To: Packer Depth(ft): **CEMENT DATA** Spacer Type: ft 3/sk Amt. Sks Yield Density (PPG) LEAD: CLASS A 2%GYP, 2%SMS, 1/4#POLYFLAKE, .2%FWCA, 3%CaCl Excess Amt. 150 Sks Yield ft 3/sk 2.93 Density (PPG) 11.4 TAIL: CLASS A 2%GEL, 3%CaCl, 1.4#POLYFLAKE Excess 150 Amt. Sks Yield 1.36 ft 3/sk Density (PPG) 14.8 WATER: Lead: 18 gals/sk: 64.3 Tail: 6.45 gals/sk: 23 Total (bbls): 87.3 Pump Trucks Used: 210-DP11 **Bulk Equipment:** 230 660-24 Disp. Fluid Type: **FRESH** Amt. (Bbls.) 62.4 Weight (PPG): 8.3 Mud Type: Weight (PPG): **COMPANY REPRESENTATIVE:** BILLY **CEMENTER: CHAD HINZ** TIME PRESSURES PSI FLUID PUMPED DATA REMARKS AM/PM Casing Tubing **ANNULUS** TOTAL RATE 1900 ON LOC SAFTEY MTG 000 SPOT TRUCKS, R.U. 0154 1600 **TEST LINES** 0156 200 5 START LEAD 0212 150 5 78 ON TAIL 0221 36.5 SHUT DOWN, DROP PLUG 0222 5 START DISPLACEMENT, WASHUP ON PLUG 0233 180 42 1 SLOW RATE 0252 250-780 62.5 PLUG DOWN 0253 RELEASE PSI, FLOAT HELD 0254 780 PSI UP CSG 0300 RELEASE PSI, FLOAT HELD JOB COMPLETE THANK YOU FOR YOUR BUSINESS!!!

3/19/2021 2:41:02 AM Density GATES-GARRETT 1-3H 9 5/8 BIRD DOG OIL& GAS - Total Rate 3/19/2021 1:23:00 AM 3/19/2021 2:00:18 AM _ Pressure 1,200 1,100 1,000 700 600 500 400 800 300 100 006 200 Pressure & Volume

Rate & Density