

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	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	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

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

FIELD TICKET & TREATMENT REPORT CEMENT

TICKET NUMBER: 49940

LOCATION B'Hawa, KS

FOREMAN CASEY KENNEDY

Invoice #806993

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2/1/16	3451	Ferrell # 21I-HP	NE 18	18	21	FR
CUSTOMER Noas Petroleum						
MAILING ADDRESS 11551 Ash St Suite 205						
CITY Leawood	STATE KS	ZIP CODE 66201	TRUCK #	DRIVER	TRUCK #	DRIVER
			729	Casper	✓	Safety Mapping
			467	KeiCar	✓	
			558	Mikhan	✓	
			675	KeiDet	✓	

JOB TYPE <u>long string</u>	HOLE SIZE <u>5 7/8"</u>	HOLE DEPTH <u>735'</u>	CASING SIZE & WEIGHT <u>2 7/8"</u>
CASING DEPTH <u>715'</u>	DRILL PIPE _____	TUBING _____	OTHER _____
SLURRY WEIGHT _____	SLURRY VOL _____	WATER gal/sk _____	CEMENT LEFT in CASING _____
DISPLACEMENT <u>4.14 bbl/s</u>	DISPLACEMENT PSI _____	MIX PSI _____	RATE <u>4 bpm</u>

REMARKS: held salt, mudding, established circulation, mixed & pumped 200 # gal followed by 5 bbls fresh water, mixed & pumped 120 slcs Pozblend IT cement w/ 2 1/2 gal per sk, cement to surface, 4" mud pump clean, pumped 2 1/2" upper plug to casing TD w/ 4.14 bbls fresh water, pressured to 800 PSI, well held pressure for 30 min MIT, released pressure, shut in casing.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450 ✓	1	PUMP CHARGE	1806. ⁰⁰ ✓	
CE0000 ✓	15 mi	MILEAGE	107.25 ✓	
CE0711 ✓	min	ten mileage	6060. ⁰⁰ ✓	
WE0853 ✓	1 hr	80 vac	100. ⁰⁰ ✓	
		trucks	2367.25	
		-46%	1088.94	
		subtotal		1278.31
CC5840 ✓	120 stcs	Pozblend TA	1620. ⁰⁰ ✓	
CC5965 ✓	402 #	Gel	120.60 ✓	
CP8776 ✓	1	2½" rubber plug	45. ⁰⁰ ✓	
		materials	1785.60	
		-46%	821.38	
		subtotal		964.22
		8%	SALES TAX	77.14 -

Ravin 3737

AUTHORIZTION

TITLE

DATE _____

**ESTIMATED
TOTAL**

2219.67

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.