

TO:
STATE CORPORATION COMMISSION
CONSERVATION DIVISION - PLUGGING
266 N. Main St., Ste. 220
Wichita, KS 67202-1513

API Well Number: 15-073-23832-00-00
Spot: NESWNWNE Sec/Twnshp/Rge: 35-23S-11E
800 feet from N Section Line, 2200 feet from E Section Line
Lease Name: GAINES-LYKE-HAMILTON Well #: 2
County: GREENWOOD Total Vertical Depth: 1937 feet

Operator License No.: 33245
Op Name: CROSS BAR ENERGY, LLC
Address: 1700 N. WATERFRONT PKWY BLDG 30
WICHITA, KS 67206

String	Size	Depth (ft)	Pulled (ft)	Comments
PROD	5.5	1931		150 SX
SURF	8.625	200		120 SX

Well Type: OIL UIC Docket No: _____ Date/Time to Plug: 11/02/2017 12:00 AM
Plug Co. License No.: 34059 Plug Co. Name: HURRICANE SERVICES, INC.
Proposal Rcvd. from: STUART WOODIE Company: _____ Phone: (316) 239-6151

Proposed Plugging Method: 20 sks @ 1937'; 20 sks at 900'; 30 sks @ 150' to surface.

Plugging Proposal Received By: MICHAEL HEFFERN Witness Type: NONE
Date/Time Plugging Completed: 11/02/2017 12:00 AM KCC Agent: MICHAEL HEFFERN

Actual Plugging Report:

ran tubing to 1843', pumped 20 sxs cement, pulled tubing to 915', pumped 20 sxs cement, pulled tubing to 150', pumped 40 sxs cement to surface, gel spaceers between cement plugs, casing shot @ 915' & 150',

Perfs:

RECEIVED
KCC DIST # 3
NOV 20 2017
CHANUTE, KS

MH

INVOICED

DEC 13 2017

Remarks:

Plugged through: TBG

District: 03

Signed

Mike Heffern

(TECHNICIAN)

CEMENTING LOG

11/2/17
15-073-23832

Company	Cross Bar Energy, LLC	Lease	0	Well Name/No.	Gaines # 2
Type Job	PTA	Type & Amt Material	60:40:4%Gel		
Field	0	Ticket Number	50176		
CASING DATA					
Size	5.5"	Type		Weight	0 Collar
Casing Depths:	Top	0 Bottom	0		
Tubing	Size 2.375"	Weight		Collars	
Open Hole:	Size	0 T.D. (ft)	0	P.B. to (ft)	
CAPACITY FACTORS					
Tubing	Bbbls/Lin. ft.		0.00387	Lin. ft./Bbl	
Open Holes	Bbbls/Lin. ft.			Lin. ft./Bbl	
Drill Pipes	Bbbls/Lin. ft.			Lin. ft./Bbl	
Annulus	Bbbls/Lin. ft.		0.0101	Lin. ft./Bbl	
BPF	Bbbls/Lin. ft.		0.01397	Lin. ft./Bbl	
Perforations	From (ft)	1843 To	1850	Amount	14 holes
CEMENT DATA					
Spacer Type	Gelled water				
Amt.	24 BBL Total	Skys Yield		ft ³ /sk Density (PPG)	
LEAD					
Pump Time (hrs)		Type		Excess	
Amt.	Skys Yield		ft ³ /sk Density (PPG)		
TAIL					
Pump Time (hrs)		Type	60:40:4%Gel	Excess	
Amt.	80 Skys Yield		1.42 ft ³ /sk Density (PPG)		13.8
WATER					
Lead	gals/sk	Tail	6.9 gals/sk	Total (Bbbls.)	13.41
Pump Trucks Used					230
Bulk Equipment					241
Float Equipment: Manufacturer					
Shoe: Type				Depth	
Float: Type				Depth	
Centralizers: Quantity		Plugs: Top		Bottom	
Stage Collars					
Special Equipment					
Disp. Fluid Type		Amt. (Bbbls.)		Weight (PPG)	
Mud Type				Weight (PPG)	

COMPANY REPRESENTATIVE Stewart CEMENTER Jake Heard

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED/ TIME PERIOD	RATE (BBLs MIN.)	
						On location safety meeting
						Spot in and rig up
						Hook up to tubing 1843'
	200		5			Break circulation
	200		12			Pump gel
	200		5.05			Mix and pump cement
	200		5.5			Displace
						Hook up to tubing 915'
	150		3			Break circulation
	150		12			Pump gel
	150		5.05			Mix and pump cement
	150		1.5			Displace
						Hook up to tubing 150'
	100		2			Break circulation
	100		10.11			Mix and pump cement
						Cement to surface
						Pull tubing
	50		0.5			Top off with 2 sacks
						Wash up and rig down to leave location
						Thanks—Jake Kevin, Ron, and Josh