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PAR FIVE
ENERGY SERVICES LLC

Treatment Number 0002356	Date 5-25-13
STAGE	API NO

Cementing Service Report

WELL NAME AND NO. RDX 16 #18H	LOCATION(LEGAL)	RIG NAME: SILVER OAK #9
FIELD/	FORMATION	PO#
COUNTY/PARISH EDDY	STATE NM	AFE NO
NAME RKI	MUD TYPE	THREAD
AND	MUD DENSITY	LESS FOOTAGE SHOE JOINT(S)
	MUD VISC	Disp. Capacity

ADDRESS	ZIP CODE	WELL DATA	BOTTOM	TOP
SPECIAL INSTRUCTIONS		BIT SIZE: 17.5	CSG/Liner Size	13 3/8
		TOT DEPTH: 879	WEIGHT	54.5
		ROT CABLE	FOOTAGE	882
		GRADE	J55	
		8RD		
		841		
		130		130

IS CASING/TUBING SECURED? YES NO	CASING WEIGHT + SURFACE AREA (3.14 X R ²)	GRADE	TAIL PIPE: SIZE	DEPTH
LIFT PRESSURE PSI	PRESSURE LIMIT PSI	THREAD	TUBING VOLUME	Bbls
BUMP PLUG TO +/- 500 PSI	NEW USED	CASING VOL. BELOW TOOL	Bbls	
	DEPTH	TOTAL	Bbls	
	No. of Centralizers	ANNUAL VOLUME	Bbls	

REMARKS: USED CUSTOMER'S PLUG

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED	
1	855	1.74	C + 4% PF20 + .2% PF1 + .125 pps PF29 + .4 pps PF46		265.0	13.5
2	200	1.33	C + 1% PF1		47.4	14.8
3						
4						
5			200 LBS SUGAR			
6						

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	500	MAX	0	MIN
HESITATION SQ	RUNNING SQ	CIRCULATION LOST	YES	NO	Cement Circulated To Surf	Yes	No
BREAKDOWN	PSI	FINAL	PSI		TYPE OF WELL	OIL	STORAGE
Washed Thru Perfs	Yes	No	TO	FT	MEASURED DISPLACEMENT	WIRELINE	GAS
PERFORATIONS					CUSTOMER REPRESENTATIVE		BRINE WATER
TO	TO				RICHARD MILNE		WILDCAT
TO	TO				EDWIN LEYVA		

PAR FIVE ENERGY SERVICES LLC

Cementing Service Report

Treatment Number 002482	Date 5-31-13
STAGE	API NO

WELL NAME AND NO. RDX 16 #18H	LOCATION(LEAGAL)	RIG NAME: Silver oak 9
FIELD/POOL	FORMATION	PO#
COUNTY/PARISH: Eddy	STATE: MN	AFE NO
Company Name: RKI		Job Type: 9 5/8

ADDRESS	ZIP CODE
SPECIAL INSTRUCTIONS	
IS CASING/TUBING SECURED? YES	NOTE: Include Footage From Ground Level To Head In Disp. Capacity
DIFF PRESSURE 906.99 PSI	CASING WEIGHT + SURFACE AREA (3.14 x R ²)
PRESSURE LIMIT 3160 PSI	
BUMP PLUG TO: 500#'s Over	

TIME (0001) TO 2400	PRESSURE		VOLUME PUMPED		JOB SCHEDULED FOR			TIME	ARRIVED ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	SACKS	BBLS	INJECT RATE	FLUID TYPE	FLUID DENSITY		TIME: 21:30 DATE: 5-31-13	TIME: 13:00 DATE: 5-31-13	TIME: 13:00 DATE: 5-31-13	
21:40									SERVICE LOG/DETAIL			
21:42	XXX							Hazard Assessment of location and test H20-----Good				
22:36	XXX							Spot trucks and rig up				
7:57	XXX							Finished Par-Five rig up				
8:10	XXX							Finished with casing and rig down/ Landing machine				
8:15	XXX							Pre-job Safety meeting to begin services				
8:34	XXX	4200		0.5	0.5	H2O	8.34	Rig up floor				
8:36	XXX	360		20	6	H2O	8.34	Line test!				
8:44	XXX	350	980	335	6	Cement	12.9	Spacer ahead				
10:00	XXX	110	200	47	3	Cement	14.8	Lead slurry				
10:10	XXX							Tail slurry				
10:12	XXX	980		249.9		H2O	8.34	Shut down drop plug				
10:53	XXX	1080		10		H2O	8.34	Displacement!				
11:04	XXX	1450						Slow rate to bump the plug				
11:10	XXX							Plug down--Float held--Circulated to Surface 29 Sks or 10 Bbls				
	XXX							Rig down Safety meeting				
	XXX											
	XXX											

REMARKS: Fill Bin was less than 1/4 of fuel had to get some fuel from the rig Pin on the head to release the plug came apart

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
							BBLS	DENSITY
1	980	1.92	Lead Slurry: 35/65 Poz/"C"+6%PF20+5%(BWOW)PF44+6%PF20+1%PF1+125ppsPF29+4ppsPF46+3ppsPF426				335	12.9
2	200	1.33	Tail slurry: "C"+ 0.2% PF13				47	14.8
3								
4								
5								
6								

BREAKDOWN FLUID TYPE		VOLUME		DENSITY	Max Pressure
HESITATION SQ.		RUNNING SQ.		CIRCULATION LOST	NO
BREAkdOWN PSI		FINAL PSI		DISPLACEMENT VOL.	Bbls
Washed Thru Perfs	Yes No	TO	FT	MEASURED DISPLACEMENT	WIRELINE
PERFORATIONS		CUSTOMER REPRESENTATIVE			Service Supervisor
TO		TO			Ramon Perez
TO		TO			

**Cementing Service
Report**

Treatment Number: 002404	Date: 6-19-13
STAGE: 1	API NO:

WELL NAME AND NO. RDX 16 #18	LOCATION (LEGAL)	RIG NAME:
FIELD/POOL:	FORMATION:	WELL DATA:
COUNTY/PARISH: Eddy	STATE NM	BIT SIZE: 8 3/4" (CSG/Liner Size)
NAME: RKI Exploration & Production	AGE NO	TD: 12485.66' WEIGHT: 17
AND		ROT CABLE: FOOTAGE: 12490.66'
ADDRESS:		GRADE:
ZIP CODE:		MUD TYPE: 8-Rnd
SPECIAL INSTRUCTIONS:		THREAD:
Cmt 5 1/2 LS.Csg as per Co. Rep.		MUD DENSITY: LESS FOOTAGE SHOE JOINT(S): 47.88'
		MUD VISC: Disp. Capacity: 1st: 288 2nd: 128
		NOTE: Include Footage From Ground Level To Head In Disp. Capacity

IS CASING/TUBING SECURED? YES NO	SIZE: WEIGHT	TOOL TYPE DEPTH:
LIFT PRESSURE PSI	GRADE:	TAIL PIPE SIZE DEPTH
PRESSURE LIMIT 5000 PSI	THREAD:	TUBING VOLUME: Bbls
BUMP PLUG TO +/- 500 PSI	NEW USED	CASING VOL. BELOW TOOL: Bbls
	DEPTH	TOTAL: Bbls
		ANNUAL VOLUME: Bbls

TIME (0001)		PRESSURE		VOLUME PUMPED		JOB SCHEDULED FOR		ARRIVED ON LOCATION		LEFT LOCATION	
TO 2400		TBG OR D.P.	CASING	INCREMENT	CUM	DATE: 6-19-13	TIME: 13:00	DATE: 6-19-13	TIME: 12:30	DATE: 6-20-13	TIME: 4:00
						INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG/DETAIL		
16:30									PRE-JOB SAFETY MEETING		
17:16 XXX		5132					FW	8.33	PSI TEST		
17:20 XXX		230				5.4	CW	8.4	START CHEMICAL WASH		
XXX				20					END CHEMICAL WASH		
17:27 XXX		234				4.9	FW		START FW SPACER		
XXX				10					END FW SPACER		
17:31 XXX		286				6.5	CMT	11.5	START LEAD		
XXX				170					END LEAD		
18:07 XXX		536				6.7	CMT	13	START TAIL		
XXX				241					END TAIL		
18:58 XXX									SHUT DOWN		
19:00 XXX		70				4			CLEAN LINES		
19:10 XXX							FW	8.33	DROP PLUG		
19:13 XXX		301				7			START DISPLACEMENT (170 FW & 118 MUD)		
19:30 XXX		65				123	3		SLOW RATE THRU DV TOOL		
19:34 XXX		694				133	7 FW/MUD	8.33/8.5	RESUME RATE		
19:58 XXX		803				279	3 MUD	8.5	SLOW RATE		
20:09 XXX		1450				289	3		BUMP PLUG		
20:11 XXX							1 BBLs BACK		CHECK FLOATS		
20:15 XXX									DROP BOMB		
20:45 XXX		897							OPEN TOOL		
20:46 XXX		550				350	7.5 MUD	8.5	PUMPED 350 BBLs THEN RIG CIRCULATED OFF TOOL		
XXX									SHUT DOWN (WAIT 4 HOURS FROM BUMPING THE PLUG)		
XXX											
XXX									90 BBLs OFF TOOL		
XXX									243 SKS OFF TOOL		

SYSTEM CODE		NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
								BBLs	DENSITY
1		460	2.08	PVL+25%PF1+2%PF153+55%PF13+3H/sksPF42+125H/sksPF29+4H/sksPF46+7%PF974				170	11.5
2		725	1.87	PVL+30%PF151+5%PF174+7%PF606+5%PF13+2%PF153+2%PF879+4H/skPF46				241	13
3		340	1.89	35/GSPOZ/C+5%(BWOW)PF44+6%PF20+2%PF13+125H/skPF29+4H/skPF46				114	12.9
4		175	1.33	C+2%PF13				41	14.8
5				200# SAPP, 5 GAL PLEXAID PF 803					
6				(RKI PROVIDED TOP PLUGS)					
BREAKDOWN FLUID TYPE		VOLUME		DENSITY		PRESSURE		MAX	
HESITATION SQ.		RUNNING SQ.		CIRCULATION LOST		YES		NO	
BREAKDOWN		PSI	FINAL	PSI	DISPLACEMENT VOL.	1st: 288 2nd: 128		Bbls	
Washed Thru Perfs		Yes	No	TO	FT.	MEASURED DISPLACEMENT		WIRELINE	
PERFORATIONS		TO		TO		CUSTOMER REPRESENTATIVE			
						Mr. Phillip Hughes		Diego Ortega	

DATE: 6-19-2013

CEMENTING SERVICE REPORT SUPPLEMENT LOG

DATE: 6-19-2013

CUSTOMER WELL NAME AND NUMBER	LOCATION (LEGAL)	TREATMENT NUMBER
		PAGE OF PAGES

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