

PIONEER

TREATMENT NUMBER	DATE
102014024	07/2014
STAGE	JOB TYPE
4	P&A

WELL NAME AND NO.		LOCATION (LEGAL)		RIG NAME		CEMENT PUMP:	
Harmon 42-6-17-41		SENE Sec. 6-17a-51w		Patterson Drilling Company (771 @ 180)			
FIELD		FORMATION		WELL DATA		BOTTOM	
Blackfoot				BIT SIZE		FT TOP	
				7 7/8"			
COUNTY		STATE		API NO.		CSG/Linear Size	
1st ANDIAS		COLORADO		09-073-06615			
				TOTAL DEPTH		WEIGHT	
				6200'			
				MUD TYPE		FINISHAGE	
				<input type="checkbox"/> BSG			
				<input type="checkbox"/> BCT		GRADE	
						THREAD	
RIG FOREMAN		Tom Beardslee / Robbie Rivas		MUD DENSITY		SINKS (JOINT(S))	
				MUD VISC		Disp. Capacity	
CEMENT SUPER		Frank L. Gonzales				TOTAL	
						0	

		Include Package From Ground Level To Head In This Capacity			
SPECIAL INSTRUCTIONS	Make Vertical	STAGE	TYPE	Stage Tied	TYPE
		STAGE	DEPTH		DEPTH
		STAGE	TYPE		TYPE
		STAGE	DEPTH		DEPTH

		Lead & Plugs		100	D.P.	SCHRUBER 100	
			SIZE	4.5			
<input checked="" type="checkbox"/>	Double Row A	WEIGHT		16.6			

Personnel:	J.R. Ortiz, Ronald Trujillo, Bruce Green	<input type="checkbox"/> Single	GRADE		TAIL PIPE:	SIZE	DEPTH
Finisher:	Richard Adams	<input type="checkbox"/> Sledge	THREADS	4X	TUBING VOLUME		DBL
Mechanic:	T.J. Beardslee	<input type="checkbox"/> Pickout	<input type="checkbox"/> New	<input checked="" type="checkbox"/> Used	CSG VOL BELOW TMDL		DBL
LIFT PRESSURE	N/A	psi	DEPTH	616361 76'	TOTAL		DBL
PRESSURE LIMIT	1000	psi	BUMP PLUG TO	N/A	ANNULAR VOLUME		DBL
			NO. of Centralizers	N/A	CEMENT TEMPERATURE		
			WATER QUALITY:	5-H		psi	TEMP

TIME (DDMMYY 2400)	PRESSURE TBD (CS4)	VOLUME PUMPED ISNR (CL34)	JOB IDENTIFIED FOR TIME: ??? DATE: 4/1/2014 NAME: JUDITH HESS	ARRIVE ON LOCATION TIME: 19:00 DATE: 4/1/2014	RIG UP TIME: 12:30 DATE: 4/2/2014	LEFT LOCATION TIME: 4:45 DATE: 4/2/2014
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12:30								Safety meeting
12:45						H2O	8.3	Rig Up
1:22		0	3	3	1	H2O	8.3	Load Lines - Plug #1
1:23		2100	1	4	1	H2O	8.3	Pressure Test
1:25		500	40	44	4.5	H2O	8.3	Water Ahead
1:40		400	6	50	2.5	Cmt.	15	Pump Cmt. @ 15 PPG
1:42		230	47.2		3.5	H2O	8.3	Pump Displacement
1:46		400		65	4	H2O	8.3	15 Bbls. Away
1:49		300		80	4	H2O	8.3	30 Bbls. Away
1:52		400		95	4	H2O	8.3	45 Bbls. Away
1:53		400		97.2		H2O	8.3	FINAL PRESSURE
1:54		50				H2O	8.3	Pressure dropped to 50 PSI
1:55						H2O	8.3	Did not circulate Drill Pipe
2:00								Shut down and wait 4 hours
6:35		2000						Load Lines - Plug #2
6:35								Pressured up to 2000 PSI
6:40								Called Denver - (Richard Adams)
6:55								Shut down pull Drill Pipe
0297222222			10	107.2		Cmt.	15	Pump 50 Sks. To the Pit

System Used	No. of Sacks	Yield ft ³ /sk	COMPOSITION OF SYSTEM	STURRY MIXED	
				BBS	DENSITY
Neat G	468	1.15	Class G.	95.9	15

CIRCULATION		WASHED CASING DOWN		BREAKDOWN		PSI	FINAL	PSI
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> YES	RECEIVED TO SURFACE	REDUCED FLUID LOSS	PRESSURE	PSI	RATE	HPM
DISPLACEMENT VOL.		GALLONS						

PIONEER

TREATMENT NUMBER	DATE
FG2014024	8/1/2014
STAGE	JOB TYPE
4	P&A

WELL NAME AND NO.	LOCATION (LEGAL)	RIG NAME:	CEMENT PUMP:
Harmon 42-6-17-53	SE/NE Sec. 6-17s-53w	Patterson Drilling Company U/I # 180	
FIELD	FORMATION	RIG FOREMAN:	CEMENT SUPERVISOR:
Blackfox		Tim Beardslee / Robbie Rivas	Frank L. Gonzalez
COUNTY	STATE	ARRIVE ON LOCATION	LIFT LOCATION
LAS ANIMAS	COLORADO	TIME: 19:00 DATE: 8/1/2014	TIME: 12:30 DATE: 8/2/2014
	AM NO.		TIME: 4:15 DATE: 8/3/2014
	05-073-06615		

TIME (0001 to 2400)	PRESSURE TBG	CSG	VOLUME PUMPED INC	CUM	JOB SCHEDULED FOR TIME: 7?? DATE: 8/1/2014	RATE	FLUID TYPE	DENSITY	COMMENT
17:00									Tagged at 6151'
17:20									Proceed to plug #2 per Richard Adams
17:23		189	1	108.2	1		H2O	8.3	Load Lines
17:24		2000	1	109.2	1		H2O	8.3	Pressure Test
17:26		400	20	129.2	4		H2O	8.3	Water Ahead
18:01		500	56.4	185.6	3.7		Cmt	15	Pump Cement @ 15 PPG
18:19		250	68.5		4		H2O	8.3	Pump Displacement
18:23		224		205.6	4		H2O	8.3	20 Bbls. Away
18:28		200		225.6	4		H2O	8.3	40 Bbls. Away
18:32		300		245.6	4		H2O	8.3	60 Bbls. Away
18:34		300		254.1			H2O	8.3	Final Pressure
18:35									
18:40			40	294.1	4		H2O	8.3	Shut down- wait 4 hours
									wash up pump and lines
22:28		0	1	295.1	1		H2O	8.3	Load Lines - Plug #3
22:32		2000	1	296.1	1		H2O	8.3	Pressure Test
22:37		180	20	316.1	3		H2O	8.3	Water Ahead
22:43		200	20.4	336.5	3		Cmt.	15	Pump Cement @ 15 PPG
22:50		200	60.8		3		H2O	8.3	Pump Displacement
22:56		200		356.5	4		H2O	8.3	20 Bbls. Away
23:00		200		376.5	4		H2O	8.3	40 Bbls. Away

JOB SUMMARY:

ADDITIONAL NOTES:

PIONEER
NATURAL RESOURCES

TREATMENT NUMBER	DATE
H2014024	6/1/2014
STAGE	JOB TYPE
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POB SE MANY:

ADDITIONAL NOTES