

**US ROCKIES REGION**  
**Operation Summary Report**

Well: **HSR-BARTKO 6-35** Spud date: 11/21/1992  
 Project: COLORADO-WELD-NAD83-UTM13 Site: PLATTE 6-35 PAD Rig name no.: BASIC 1534/1534  
 Event: ABANDONMENT Start date: 12/5/2017 End date: 1/8/2018  
 Active datum: RKB @4,752.99usft (above Mean Sea Level) UWI: 0/4/N/67/W/35/0/NWSE/6/0/0/0/0/0/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
11/20/2017	10:00 - 12:00	2.00	ABANDP	53	B	P		<b>FORM 17 TEST, SAMPLE AND 7 DAY BLOW DOWN.</b>
11/21/2017	-							
12/5/2017	14:00 - 16:00	2.00	ABANDP	35	A	P		MIRU SLICK LINE, RUN IN HOLE WITH 2" JUC PULLED PLUNGER AT 7,090', RUN IN HOLE WITH 2" JUC PULLED FLOATER AT 7,091', RUN IN HOLE WITH 1.50 LIB TAGGED UP AT 7,237', RUN OUT OF HOLE RIG DOWN SLICK LINE, TUBING IS CLEAR
	12:00 - 13:00	1.00	ABANDP	30	A	P		ROAD BASIC RIG 1534 AND MOVE EQUIPMENT FROM THE HICKS USX O 29-17 TO THE HSR-BARTKO 6-35 (13.4) MILE MOVE
	13:00 - 16:00	3.00	ABANDP	30	A	P		SPOT RIG AND EQUIPMENT, LEVEL RIG, RIG UP UNIT, GROUND WORK, PUMP AND FLOWLINES
	16:00 - 17:00	1.00	ABANDP	30	G	P		RIG CREW TRAVEL TO YARD
12/6/2017	6:00 - 6:30	0.50	ABANDP	30	G	P		RIG CREW TRAVEL TO LOCATION
	6:30 - 6:45	0.25	ABANDP	48	B	P		SAFETY MEETING, REVIEW JSA FOR DAYS EVENTS, ALL ON LOCATION ATTENDING, SEE SAFETY REPORT ALSO
	6:45 - 7:00	0.25	ABANDP	52	I	P		SIBHP = 0, PSI, LEFT VALVE OPEN ALL DAY CLOSED AT DAYS END
	7:00 - 9:30	2.50	ABANDP	30	F	P		LOOK RIG OVER, RIG SERVICE, WARM UP RIG AND EQUIPMENT SICP = 700 PSI SITP = 700 PSI BLOW DOWN WELL KILL WELL WITH 50 BBLS. OF FRESH WATER WITH BIOCID PUMP 25 BBLS. DOWN TUBING AND 25 BBLS. DOWN CASING, NIPPLE DOWN WELLHEAD 5K, INSTALL 2-3/8" X 6' PUP JOINT WITH TIW ON TUBING HANGER, BACK OUT LOCK DOWN PINS,(3) LOCK DOWN PINS HARD TO BACK OUT, PULL ON TUBING, TUBING HANGER FREE, RE-SEAT TUBING HANGER, STRIP ON AND NIPPLE UP BOP, FUNCTION TEST BOP, RIG UP FLOOR
	9:30 - 12:00	2.50	ABANDP	31	I	P		PULL TUBING HANGER UP TO FLOOR, REMOVE TUBING HANGER TRIP OUT OF HOLE VISUALLY INSPECTING AND TALLYING CURRENT 2-3/8", 4.7, J-55, EUE TUBING STRING AS FOLLOWS (222) JOINTS OF 2-3/8", 4.7, J-55, EUE (1) 2-3/8" SN (1) 2-3/8" NOTCHED COLLAR VISUALLY TUBING LOOKED GOOD TOTAL TUBING TALLY WITH 10' KB = 7,124.07 JOINT COUNT WAS RIGHT
	12:00 - 14:30	2.50	ABANDP	31	I	P		EAT LUNCH, PICK UP 3-7/8" BIT, 4.5 SCRAPER AND XO, TRIP IN HOLE WITH 2-3/8", 4.7, J-55, EUE TUBING TO 6,835' WORK SCRAPER UP AND DOWN (WINDY CONDITIONS)
	14:30 - 16:00	1.50	ABANDP	31	I	P		TRIP OUT OF HOLE WITH 2-3/8", 4.7, J-55, EUE TUBING, XO, SCRAPER AND BIT, LAY DOWN TOOLS

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Event: ABANDONMENT		Start date: 12/5/2017	End date: 1/8/2018
Active datum: RKB @4,752.99usft (above Mean Sea Level)		UWI: 0/4/N/67/W/35/0/NWSE/6/0/0/0/0/0/0/0	

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	16:00 - 17:00	1.00	ABANDP	34	I	P		PJSM WITH RELIANCE OILFIELD SERVICES, SPOT IN RIG UP WIRELINE, RUN IN HOLE WITH 4.5 CIBP (3.50) OD AND SET CIBP AT 6,800', RUN OUT OF HOLE RIG DOWN WIRELINE
	17:00 - 17:30	0.50	ABANDP	30	K	P		SECURE WELL, DRAIN UP, PICK UP TOOLS AND TRASH, DEBRIEF WITH RIG CREW, SHUT DOWN FOR THE NIGHT, NO INCIDENTS OR SPILLS
	17:30 - 18:30	1.00	ABANDP	30	G	P		RIG CREW TRAVEL TO YARD
12/7/2017	6:00 - 6:30	0.50	ABANDP	30	G	P		RIG CREW TRAVEL TO LOCATION
	6:30 - 6:45	0.25	ABANDP	48	B	P		SAFETY MEETING, REVIEW JSA FOR DAYS EVENTS, ALL ON LOCATION ATTENDING, SEE SAFETY REPORT ALSO
	6:45 - 7:00	0.25	ABANDP	52	I	P		SIBHP = 37 PSI, BLEW DOWN IN ABOUT 20 SECONDS THEN KEPT MAKING A LITTLE WATER, SHUT VALVE
	7:00 - 7:30	0.50	ABANDP	47	C	P		LOOK RIG OVER, RIG SERVICE, WARM UP RIG AND EQUIPMENT
	7:30 - 9:00	1.50	ABANDP	31	I	P		SICP = 0, OPEN WELL TRIP IN HOLE WITH 106 STANDS OF 2-3/8", 4.7, J-55, EUE TUBING, PICK UP ONE JOINT TAG CIBP AT 6,800', LAY DOWN TAG JOINT EOT AT 6,798'
	9:00 - 10:15	1.25	ABANDP	31	H	P		LOAD HOLE ESTABLISH CIRCULATION WITH 56 BBLs. OF FRESH WATER WITH BIOCIDES, 500 PSI, 2.5 BBLs./MIN. CIRCULATE ALL GAS OUT OF WELL, PRESSURE TEST CIBP AND CASING TO 500 PSI FOR 15 MINUTES GOOD TEST, RELEASE PRESSURE
	10:15 - 11:15	1.00	ABANDP	51	D	P		PJSM WITH SCHLUMBERGER, SPOT IN RIG UP CEMENTERS, PRESSURE TEST LINES AND EQUIPMENT TO 2,500 PSI, GOOD TEST, RELEASE PRESSURE, MAX. ALLOWED PRESSURE ON JOB = 500 PSI, EOT @ 6,798' START NIOBRARA BALANCE PLUG PUMP 5 BBLs. OF CHEM WASH, 10.9 BBLs. (40) SACKS CLASS G CEMENT @ 15.8#, 1.53 YIELD, 6.350 GAL./ SK. WATER, 2 BBLs./MIN. AT 250 AVERAGE PSI, DISPLACE WITH 22.1 BBLs. OF FRESH WATER, WASH UP, RIG DOWN SCHLUMBERGER EST. TOP OF CMT. 6,095
	11:15 - 13:30	2.25	ABANDP	31	I	P		SLOWLY PULL OUT OF CEMENT TRIP OUT OF HOLE WITH 60 STANDS OF 2-3/8", 4.7, J-55, EUE TUBING LAY DOWN REMAINDER OF TUBING (92) JOINTS
	13:30 - 14:00	0.50	ABANDP	34	H	P		PJSM WITH RELIANCE OILFIELD SERVICES, SPOT IN RIG UP WIRELINE RUN IN HOLE WITH TWO 3-1/8" PERF GUNS, WITH 3 SPF, MIN. 0.5" EHD 120 DEGREES PHASING, SHOOT 2' OF SQUEEZE HOLES FROM 4,280' TO 4,282', PULL UP AND SHOOT 4' OF SQUEEZE HOLES FROM 3,875' TO 3,879', RUN OUT OF HOLE, RIG DOWN WIRELINE
	14:00 - 16:30	2.50	ABANDP	31	I	P		PJSM WITH ANYTIME TESTING AND RMOR TOOLHAND, SPOT IN RIG UP HYDRO TESTER, PICK UP 4.5 CICR, TRIP IN HOLE HYDRO TESTING 2-3/8", 4.7, J-55, EUE TUBING TO (3,000 PSI) TO 3,905' RIG DOWN HYDRO TESTER, SET CICR, SHEAR OFF, STING OUT AND PULL 5 STANDS TO 3,584'

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Event: ABANDONMENT		Start date: 12/5/2017	End date: 1/8/2018
Active datum: RKB @4,752.99usft (above Mean Sea Level)		UWI: 0/4/N/67/W/35/0/NWSE/6/0/0/0/0/0/0/0	

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	16:30 - 17:00	0.50	ABANDP	30	I	P		SECURE WELL, DRAIN UP, PICK UP TOOLS AND TRASH, DEBRIEF WITH RIG CREW, SHUT DOWN FOR THE NIGHT, NO INCIDENTS OR SPILLS
	17:00 - 18:00	1.00	ABANDP	30	G	P		RIG CREW TRAVEL TO YARD
12/8/2017	6:00 - 6:30	0.50	ABANDP	30	G	P		RIG CREW TRAVEL TO LOCATION
	6:30 - 6:45	0.25	ABANDP	48	B	P		SAFETY MEETING, REVIEW JSA FOR DAYS EVENTS, ALL ON LOCATION ATTENDING, SEE SAFETY REPORT ALSO
	6:45 - 7:00	0.25	ABANDP	52	I	P		SIBHP = 34 PSI, BLEW DOWN IN ABOUT 15 SECONDS THEN KEPT MAKING A LITTLE WATER, SHUT VALVE
	7:00 - 7:30	0.50	ABANDP	47	C	P		LOOK RIG OVER, RIG SERVICE, WARM UP RIG AND EQUIPMENT
	7:30 - 8:00	0.50	ABANDP	31	I	P		SICP = 0 SITP = 0, OPEN WELL TRIP IN HOLE WITH 5 STANDS OF 2-3/8", 4.7, J-55, EUE TUBING, STING INTO CICR AT 3,905'
	8:00 - 10:30	2.50	ABANDP	31	H	P		ESTABLISH CIRCULATION WITH 5 BBLS. OF FRESH WATER WITH BIOCIDES, 500 PSI, 2.5 BBLS./MIN. CIRCULATE ALL MUD AND GAS OUT OF WELL, GOOD CLEAN RETURNS, CIRCULATED 100 BBLS. AND KEPT CIRCULATING BECAUSE FUZION FIELD SERVICES BOB TAIL FOR MIXING CHEMICALS SHOWED UP AND IT WAS DIRTY, CALLED BASIC SERVICES FOR ANOTHER TRUCK FOR MIXING, KICK OUT PUMP
	10:30 - 11:45	1.25	ABANDP	51	C	P		<b>PJSM WITH SCHLUMBERGER</b> , SPOT IN RIG UP CEMENTERS, PRESSURE TEST LINES AND EQUIPMENT TO 2,500 PSI, MAX ALLOWED PRESSURE ON JOB 500 PSI, WITH BOTTOM PERFORATIONS FROM 4,280' TO 4,282' AND TOP PERFORATIONS FROM 3,875' TO 3,879' CICR AT 3,905' START SUSSEX SQUEEZE PUMP 10 BBLS. OF FRESH WATER, PUMP 10 BBLS. OF SODIUM METASILICATE, PUMP 10 BBLS. OF FRESH WATER, 36.2 BBLS. <b>(175) SACKS CLASS G CEMENT WITH GAS BLOCK 15.8#, 1.16 YIELD</b> , 5.1 GAL/SK. OF WATER, 2.5 BBLS./MIN. AT 523 AVERAGE PSI, DISPLACE WITH 12.1 BBLS. OF FRESH WATER, RIG DOWN CEMENT LINE OFF OF TUBING, WASH UP, RIG DOWN CEMENTERS EST. TOP OF CEMENT 3,711'
	11:45 - 14:00	2.25	ABANDP	31	I	P		STING OUT OF CICR, SLOWLY PULL OUT OF CEMENT, STAND BACK 14 STANDS, REVERSE CIRCULATE, LAY DOWN REMAINDER OF TUBING, 92 JOINTS AND STINGER
	14:00 - 14:30	0.50	ABANDP	30	I	P		SECURE WELL, DRAIN UP, PICK UP TOOLS AND TRASH, DEBRIEF WITH RIG CREW, SHUT DOWN FOR THE NIGHT, NO INCIDENTS OR SPILLS
	14:30 - 15:30	1.00	ABANDP	30	G	P		RIG CREW TRAVEL TO YARD
12/9/2017	6:00 - 6:30	0.50	ABANDP	30	G	P		RIG CREW TRAVEL TO LOCATION
	6:30 - 6:45	0.25	ABANDP	48	B	P		SAFETY MEETING, REVIEW JSA FOR DAYS EVENTS, ALL ON LOCATION ATTENDING, SEE SAFETY REPORT ALSO

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Well: HSR-BARTKO 6-35

Spud date: 11/21/1992

Project: COLORADO-WELD-NAD83-UTM13

Site: PLATTE 6-35 PAD

Rig name no.: BASIC 1534/1534

Event: ABANDONMENT

Start date: 12/5/2017

End date: 1/8/2018

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	6:45 - 7:00	0.25	ABANDP	52	I	P		SIBHP = 0 PSI, LEFT VALVE OPEN, NO WATER, CLOSED AT DAYS END
	7:00 - 7:15	0.25	ABANDP	47	C	P		LOOK RIG OVER, RIG SERVICE, WARM UP RIG AND EQUIPMENT
	7:15 - 8:00	0.75	ABANDP	34	L	P		SICP = 0, PSI, P.JSM WITH RELIANCE OILFIELD SERVICES, SPOT IN RIG UP WIRELINE, RUN IN HOLE WITH JET CUTTER, LOAD HOLE WITH 5 BBLs. OF FRESH WATER WITH BIOCIDES AND CUT 4.5 CASING AT 835', RUN OUT OF HOLE, RIG DOWN WIRELINE
	8:00 - 8:45	0.75	ABANDP	31	H	P		ATTEMPT TO ESTABLISH CIRCULATION DOWN 4.5 CASING AND UP THRU 8-5/8" CASING WITH FRESH WATER AND BIOCIDES, PUMPED 95 BBLs. RAN OUT OF WATER
	8:45 - 10:00	1.25	ABANDP	46	F	Z		RAN OUT OF WATER WHILE ATTEMPTING TO ESTABLISH CIRCULATION, CALLED FOR MORE FRESH WATER WITH BIOCIDES, WAIT ON WATER
	10:00 - 11:00	1.00	ABANDP	31	H	P		PUMPED ANOTHER 10 BBLs. GOT CIRCULATION, TOTAL BBLs. TO GET CIRCULATION 105, 2.7 BBLs/MIN AT 100 PSI, RETURNS WATER AND A LITTLE MUD, WITH MINIMAL GAS, CLEANED UP NO GAS, KICK OUT PUMP
	11:00 - 12:00	1.00	ABANDP	30	F	P		CHANGE EQUIPMENT AND PIPE RAMS OVER TO 4.5 , RIG DOWN FLOOR, NIPPLE DOWN BOP AND WELL HEAD, REMOVE CAP PICK UP 4.5 CASING SPEAR, UN-LAND CASING, PULLED 12K THEN CAME FREE, REMOVE WRAP AROUND SLIPS, STRIP ON P&A SPOOL AND BOP, FUNCTION TEST BOP, RIG UP FLOOR
	12:00 - 13:15	1.25	ABANDP	31	I	P		TRIP OUT OF HOLE LAYING DOWN 4.5, 11.6#, M-80, LTC CASING, LAYED DOWN 18 JOINTS AND 26' CUT OFF PIECE, CHANGE OUT EQUIPMENT AND PIPE RAMS TO 2-3/8"
	13:15 - 13:30	0.25	ABANDP	31	I	P		TRIP IN HOLE WITH 14 STANDS OF 2-3/8", 4.7#, J-55, EUE TUBING, PICK UP ONE JOINT EOT AT 934'
	13:30 - 14:30	1.00	ABANDP	31	H	P		ESTABLISH CIRCULATION WITH 2 BBLs. FRESH WATER WITH BIOCIDES AND CIRCULATE WELL
	14:30 - 15:15	0.75	ABANDP	51	D	P		P.JSM WITH SCHLUMBERGER, SPOT IN EQUIPMENT, RIG UP CEMENTERS, PRESSURE TEST LINES AND EQUIPMENT TO 2,500 PSI, GOOD TEST, RELEASE PRESSURE, MAX. ALLOWED PRESSURE ON JOB = 500 PSI, EOT = 934' START STUB PLUG PUMP 15 BBLs. OF CHEM WASH, 40.3 BBLs. (195) SACKS CLASS G CEMENT WITH GAS BLOCK @15.8#, 1.16 YIELD, 5.115 GAL./SK. WATER, 2 BBLs/MIN. @ 360 AVERAGE PSI DISPLACE WITH 2 BBL. OF FRESH WATER, RIG DOWN CEMENT LINE OFF TUBING, WASH UP, RIG DOWN SCHLUMBERGER EST. TOP OF CEMENT 216'

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Rig name no.: BASIC 1534/1534

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	15:15 - 16:00	0.75	ABANDP	31	I	P		SLOWLY PULL OUT OF CEMENT LAYING DOWN 26 JOINTS OF 2-3/8", 4.7#, J-55, EUE TUBING, REVERSE CIRCULATION, LAY DOWN 3 MORE JOINTS
	16:00 - 16:30	0.50	ABANDP	30	I	P		SECURE WELL, DRAIN UP, PICK UP TOOLS AND TRASH, DEBRIEF WITH RIG CREW, SHUT DOWN FOR THE WEEK END, HAD A ONE BBL. SPILL OF CEMENT WATER WHILE CEMENTERS WERE WASHING UP INTO WORK TANK, WORK TANK OVER FLOWED, CLEANED UP WITH WATER TRUCK WHICH WAS STANDING BY, HAD A TALK WITH RIG CREW
	16:30 - 17:30	1.00	ABANDP	30	G	P		RIG CREW TRAVEL TO YARD
12/11/2017	6:00 - 6:30	0.50	ABANDP	30	G	P		RIG CREW TRAVEL TO LOCATION
	6:30 - 6:45	0.25	ABANDP	48	B	P		SAFETY MEETING, REVIEW JSA FOR DAYS EVENTS, ALL ON LOCATION ATTENDING, SEE SAFETY REPORT ALSO
	6:45 - 7:00	0.25	ABANDP	52	I	P		SIBHP - 0 PSI, LEFT VALVE OPEN ALL DAY, CLOSED VALVE AT DAYS END
	7:00 - 7:15	0.25	ABANDP	47	C	P		LOOK RIG OVER, RIG SERVICE, WARM UP RIG AND EQUIPMENT
	7:15 - 7:45	0.50	ABANDP	31	I	P		SICP = 0, OPEN WELL PICK UP 14 JOINTS OF 2-3/8", 4.7, J-55, EUE TUBING, TAG TOP OF STUB PLUG CEMENT AT 421', BOTTOM OF 8-5/8" CASING AT 632', TAGGED UP 211' UP INSIDE 8-5/8" CASING, LAY DOWN TUBING
	7:45 - 8:30	0.75	ABANDP	52	E	P		LOAD HOLE WITH 2 BBLs. OF FRESH WATER WITH BIOCID, PRESSURE TEST STUB PLUG TO 500 PSI FOR 15 MINUTES, GOOD TEST RELEASE PRESSURE
	8:30 - 9:00	0.50	ABANDP	30	J	P		RIG DOWN FLOOR, NIPPLE DOWN BOP AND P&A SPOOL
	9:00 - 9:30	0.50	ABANDP	34	I	P		PJSM WITH RELIANCE OILFIELD SERVICES, SPOT IN RIG UP WIRELINE, RUN IN HOLE WITH 8-5/8" CIBP (6.97) OD AND SET CIBP AT 80', RUN OUT OF HOLE RIG DOWN WIRELINE
	9:30 - 10:30	1.00	ABANDP	30	C	P		RIG DOWN UNIT, GROUND WORK, PUMP AND FLOWLINES, PICK UP TOOLS AND TRASH, NO INCIDENTS OR SPILLS, MOVE RIG AND EQUIPMENT TO THE HSR-BLAIR 3-35 (FINAL REPORT)
1/3/2018	11:00 - 12:00	1.00	ABANDP	34	I	P		RIG UP RELIANCE OILFIELD SERVICES, RUN IN HOLE WITH 8.625 CIBP AND SET CIBP AT 63', RUN OUT OF HOLE RIG DOWN WIRELINE
1/8/2018	9:00 - 10:00	1.00	ABANDP	52		P		PRESSURE TESTED CIBP, SURFACE CASING TO 500 PSI
	10:00 - 11:00	1.00	ABANDP	53	B	P		DUG UP SURFACE CASING
	11:00 - 12:00	1.00	ABANDP	53	C	P		CUT CASING 6' BELOW GL, TAGGED @ 61'
	12:00 - 13:00	1.00	ABANDP	53	B	P		FILLED CASING STUB WITH 32 BAGS 5000 PSI CEMENT
	13:00 - 14:00	1.00	ABANDP	53	A	P		CAPPED CASING WITH A METAL PLATE CONTAINING WELL INFO
	14:00 - 15:00	1.00	ABANDP	53	F	P		DROPPED MARKER BALL
	15:00 - 16:00	1.00	ABANDP	53	B	P		BACKFILLED

US ROCKIES REGION  
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	14:00 - 14:00	0.00	ABANDP	50		P		P&A'd OFFLINE. NB/CD.