

US ROCKIES REGION
Operation Summary Report

Well: HSR-DEEPE 4-22				Spud date: 9/7/2001							
Project: COLORADO-WELD-NAD83-UTM13				Site: HSR-DEEPE 4-22				Rig name no.: ENSIGN 312/312			
Event: ABANDONMENT				Start date: 1/28/2016				End date: 2/19/2016			
Active datum: RKB @5,023.99usft (above Mean Sea Level)				UWI: 0/2/N/67/W/22/O/NWNW/6/0/0/0/0/0/0							
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation			
1/28/2016	7:00 - 10:00	3.00	ABANDP	30	A	P		mIRU Ensign 312			
	10:00 - 11:00	1.00	ABANDP	30	F	P		Ther was no pressure on well. ND well head. NU BOP			
	11:00 - 11:30	0.50	ABANDP	31	I	P		PU tbg to tag sand fill on RBP @ 7195'			
	11:30 - 12:30	1.00	ABANDP	31	H	P		Circ sand off RBP & release.			
	12:30 - 15:00	2.50	ABANDP	31	I	P		TOOH & LD RBP			
1/29/2016	15:00 - 16:30	1.50	ABANDP	31	I	P		PU retrieving head & TIH w/228 jts tbg. SI. SDFN.			
	7:00 - 7:30	0.50	ABANDP	31	I	P		PU 3 jts tbg to tag sand on RBP @ 7280'.			
	7:30 - 8:00	0.50	ABANDP	31	H	P		Circ sand off RBP & release.			
	8:00 - 10:00	2.00	ABANDP	31	I	P		TOOH & LD RBP			
	10:00 - 11:00	1.00	ABANDP	34	G	P		RU Warrior. Run gauge ring & junk basket to 7360'			
	11:00 - 12:00	1.00	ABANDP	34	I	P		Set CIBP @ 7330'			
	12:00 - 15:30	3.50	ABANDP	31	I	P		TIH w/232 jts tbg to tag CIBP @ 7330'. LD tag jt. Hydrotest tbg to 3000 psi while TIH. Tbg tested OK. Circ gas from well			
	15:30 - 16:30	1.00	ABANDP	31	H	P		Test to 1000 psi where it held OK for 15 min. SI. SDFN.			
	16:30 - 17:00	0.50	ABANDP	52	G	P					
	2/1/2016	7:00 - 9:00	2.00	ABANDP	51	D	P		RU Sanjel. Held safety meeting. Pump 5 bbls water @ 1.5 bpm @ 50 psi. Mix & pump 25 sks Thermal 35 cmt w/.3% ASM-3 & .3% CFR-2 mixed 15.8 #/gal, yield 1.46 cu/sk @ 2 bpm @ 350 psi. Displace w/22 bbls water @ 3 bpm @ 600 psi. RD Sanjel		
2/1/2016	9:00 - 10:00	1.00	ABANDP	31	I	P		LD 69 jts tbg			
	10:00 - 10:30	0.50	ABANDP	51	D	P		RU Sanjel. Pump 5 bbls water @ 2.5 bpm @ 500 psi, Mix & pump 70 sks G cmt w/.5% CFR-2, .2% ASM-3, & .5% LWA mixed @ 15.8 #/gal Yield 1.15 cu/sk @ 2.5 bpm @ 450 psi. Displace w/13 bbls water @ 2 bpm @ 500 psi.			
	10:30 - 12:30	2.00	ABANDP	31	I	P		Stand back 22 stds tbg. LD remaining tbg.			
	12:30 - 15:00	2.50	ABANDP	46	B	P		Wait on cmt			
	15:00 - 15:30	0.50	ABANDP	34	G	P		Ru Warrior. Run wireline to tag cmt top. Tagged @ 3542'. This is 688' above planned top. Possibly scattered cmt. Will TIH w/tbg tomorrow to find true tag. SI. SDFN.			
2/2/2016	-										
2/3/2016	7:00 - 8:00	1.00	ABANDP	46	F	P		Wait on rig crew. Slick roads.			
	8:00 - 10:30	2.50	ABANDP	31	I	P		PU used 3 7/8" bit. TIH w/22 stds tbg in derrick. PU 67 jts off trailer to tag cmt top @ 3504'			
	10:30 - 12:00	1.50	ABANDP	46	A	P		Wait on orders from state. Dianna Burn with COGCC approved Sussex plug as set.			
	12:00 - 13:30	1.50	ABANDP	31	I	P		Stand back 22 stds tbg. LD remaining tbg. RU Warrior. Cut off csg @ 1280'			
	13:30 - 14:30	1.00	ABANDP	31	H	P		Circ well down csg & up surface csg to remove mud & gas			
2/4/2016	14:30 - 16:00	1.50	ABANDP	30	F	P		ND BOP. Unland csg. NU BOP.			
	16:00 - 18:00	2.00	ABANDP	31	I	P		LD 31 jts csg plus a 7' csg stub. SI. SDFN.			
	7:00 - 8:00	1.00	ABANDP	31	I	P		TIH w/tbg to 1390'			
	8:00 - 10:00	2.00	ABANDP	46	E	P		Wait on Sanjel cementers			

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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	10:00 - 12:00	2.00	ABANDP	51	D	P		RU Sanjel. Pump 5 bbls water @ 3bpm @ 350 psi, 10 bbls SAPP @ 3 bpm @ 300 psi. 20 bbls water @ 3 bpm @ 50 psi. 270 sks Type III cmt w/.5% CaCl ₂ , .3% CFL-3, .3% CFR-2, .4% CDF-4P, & .25% Polyflake mixed @ 14.8 #/gal Yield 1.33 cu ft/sk @ 3 bpm @ 100 psi. Displace w/2 bbls @ 2 bpm @ 150 psi.
	12:00 - 13:00	1.00	ABANDP	31	I	P		LD tbq.
	13:00 - 14:00	1.00	ABANDP	30	F	P		ND BOP
	14:00 - 16:30	2.50	ABANDP	46	B	P		Wait on cmt
	16:30 - 17:00	0.50	ABANDP	34	I	P		RU Warrior. PU 8 5/8" CIBP. Tag cmt top @ 42'. Set CIBP @ 40'.
	17:00 - 18:00	1.00	ABANDP	30	C	P		RDMO Ensign 312
2/19/2016	7:00 - 8:00	1.00	ABANDP	52		P		PSI test surface casing to 500 psi, good test
	8:00 - 9:00	1.00	ABANDP	53	B	P		dug up surface casing
	9:00 - 10:00	1.00	ABANDP	53	C	P		cut casing 6' below GL, tagged @ 45'
	10:00 - 11:00	1.00	ABANDP	53	B	P		filled casing stub with 18 bags 5000 psi cement
	11:00 - 12:00	1.00	ABANDP	53	A	P		capped casing with a metal plate containing well info
	12:00 - 13:00	1.00	ABANDP	53	B	P		backfilled
	11:30 - 11:30	0.00	ABANDP	50		P		P&A'd OFFLINE. NB/CD