

US ROCKIES REGION  
Operation Summary Report

Well: **PSC 16-9X**

Spud date: 7/19/2003

Project: COLORADO-WELD-NAD83-UTM13

Site: PSC 16-9X

Rig name no.: ENSIGN 350/350

Event: ABANDONMENT

Start date: 1/28/2016

End date: 2/16/2016

Active datum: RKB @4,782.99usft (above Mean Sea Level)

UWI: 0/3/N/67/W/9/0/SESE/6/0/0/0/0/0/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
1/27/2016	8:00 - 11:30	3.50	ABANDP	35	A	P		MIRU, SUMMIT SLICKLINE, RIH RETRIEVE TOOLS @ 7074, TAG FILL AT 7100 GL,RU VAUGH ENERGY SERVICES,LLC <b>RAN GYRO</b> TO 7000 MAKING STOPS EVERY 100'
	12:00 - 13:00	1.00	ABANDP	53	B	P		MIRU FLARE EQUIP/PULL AUTOMATION
	13:00 - 16:00	3.00	ABANDP	53	B	P		BLOW DOWN CSG THROUGH FLARE TO 100#, BLOW DOWN TBG TO 100#, BLOW DOWN SFC TO 0# IN 3 MINS, PUMPED 55 BBLS DOWN CSG, 25 BBLS DOWN TBG, WELL ON VAC
	16:00 - 16:30	0.50	ABANDP	53	B	P		SWI, RDMO FLARE EQUIP
1/28/2016	10:00 - 11:30	1.50	ABANDP	30	A	P		ROAD RIG TO LOCATION, SPOT IN RIG UP ON A PASTURE LOCATION WITH CATTLE FENCE.
	11:30 - 12:30	1.00	ABANDP	30	E	P		RIG UP PUMP & TANK, KILL WELL WITH 40 BBLS OF WATER-BIO, WELL HAD 20 PSI, FLARE UNIT KILL IT BE FOR RIG SHOW UP.
	12:30 - 13:00	0.50	ABANDP	30	F	P		NU WH NU BOP's ON 3K WELLHEAD, TEST BOP TO MAKE SURE THEY WORK PROPERLY
	13:00 - 14:30	1.50	ABANDP	31	I	P		TALLY OUT 230 JTS 2-3/8 4.7#, J-55 EUE = 7074 FT, PULL 34000 LBS TO UNLAND TUBING
	14:30 - 16:30	2.00	ABANDP	34	I	P		<b>RU WARRIOR WIRELINE, RIH WITH GAUGE RING 3.65 OD FOR 4.5 11.6#, CASING CLEAN RUN NO OSBTRUCTIONS RIH DOWN TO 6800, PU CIBP FOR 4.5 CASING RIH SET IT @ 6780, RDMO WL. DRAIN EQUIPMENT SWI SDFN.</b>
	16:30 - 17:30	1.00	ABANDP	30	G	P		CREW TRAVE TO YARD
	17:30 - 17:30	0.00	ABANDP	52	G	P		160 PSI
1/29/2016	6:00 - 7:00	1.00	ABANDP	30	G	P		INSPECT & START EQUIPMENT, AND DISCUSS OBJECTIVES FOR THE DAY THROUGH THE JSA
	7:00 - 9:30	2.50	ABANDP	31	I	P		RU ANYTIME TESTING, PU SN HYDROTEST IN HOLE 220 JTS 2-3/8 4.7#, J-55 EUE, TO 3000 PSI ALL GOOD, RDMO HYDROTESTER.
	9:30 - 11:00	1.50	ABANDP	31	H	P		ESTABLISH CIRCULATION WITH 80 BBLS 3 BPM AT 300 PSI, CIRCULATED GAS & PRESSURE TEST CASING TO 1000 PSI FOR 15 MIN HELD GOOD.
	11:00 - 13:00	2.00	ABANDP	51	D	P		<b>RU SANJEL</b> HELD JSA DICUSS POTENTIAL HAZARDS, PUMP 2 BBLS, PRESSURE TEST LINES TO 2000 PSI, PUMP 5 BBLS SPACER & <b>SPOT 25 SX OF THERMAL 35</b> AT 15.8, 1.51 CF/SK, 6.7 BBLS AT 2 BPM MIXED 0.5% CFR-1, 0.25% FMC, PUMP 25.5 BBLS FRESH WATER DISPLACE.
	13:00 - 14:00	1.00	ABANDP	31	I	P		PUH TO 6000, LD 24 JTS CIRCULATED CLEAN, PUH <b>TO 4670</b> LD 44 JTS
	14:00 - 15:00	1.00	ABANDP	51	D	P		<b>RU SANJEL PUMPED</b> 10 BBLS OF FRESH WATER, PRESSURE TEST LINES TO 2000 PSI, <b>SPOT 25 SX OG CLASS G CEMENT</b> WITH 0.5% CFR, 0.2% FMC, 0.5% LWA MIXED AT 15.8 1.15 CF/SK 5.1 BBLS AT? BPM, DISPLACE WITH 16 BBLS.
	15:00 - 16:00	1.00	ABANDP	31	I	P		PUH TO 4000 LAY DOWN 22 JTS, CIRCULATED CLEAN LD 5 JTS, SWI SDFN, DRAIN EQUIPMENT
	16:00 - 17:00	1.00	ABANDP	30	G	P		CREW TO YARD

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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
2/1/2016	17:00 - 17:00	0.00	ABANDP	52	G	P		60 PSI BLEW DOWN QUICK
	6:00 - 7:00	1.00	ABANDP	30	G	P		INSPECT & START EQUIPMENT, AND DISCUSS OBJECTIVES FOR THE DAY THROUGH THE JSA.
	7:00 - 8:30	1.50	ABANDP	31	I	P		PU 10 JTS TAG TOC @ 4147 WITH 135 JTS 2-3/8, TOOH LAY DOWN 107 & SB 28 JTS
	8:30 - 9:30	1.00	ABANDP	34	I	P		RU WARRIOR WIRELINE, PU JET CUTTER RIH CUT CSG @ 788 COLLAR AT 791
	9:30 - 11:00	1.50	ABANDP	31	H	P		CIRCULATE GAS OUT, NOT VERY MUCH GAS SURFACE HAD 0 PSI BE FOR WE CUT CASING.
	11:00 - 12:00	1.00	ABANDP	30	F	P		ND BOP's UNLAND CASING, NU SPOOLS ON SURFACE HAED + BOP's & TEST THEM TO MAKE SURE THEY WORK PROPERLY.
	12:00 - 13:00	1.00	ABANDP	31	I	P		TOOH WITH 18 JTS OF 4-1/2 CASING 11.6# I-80, CHANGE TOOLS OVER TO 2-3/8 TIH W/ 29 JTS DOWN TO 891.
	13:00 - 14:00	1.00	ABANDP	51	D	P		RU SANJEL, PUMP 10 BBLS OF SAPP + 20 BBLS OF FRESH FOLLOWED WITH 150 SKS PF TYPE III CEMENT WITH 0.3% CFL-3 + 0.3% CFR-2 + 0.25 PPS POLYFLAKE, 35.5 BBLS OF SLURY AT 3 BPM 300 PSI.
	14:00 - 15:00	1.00	ABANDP	31	I	P		TOOH LAYING DOWN TUBING, CLEAN EQUIPMENT AND DRAIN IT, SWI SDFN
	15:00 - 16:00	1.00	ABANDP	30	G	P		CREW TO YARD
2/3/2016	16:00 - 16:00	0.00	ABANDP	52	G	P		LIGHT BLOW NO FLUID
	6:00 - 7:00	1.00	ABANDP	30	G	P		INSPECT & START EQUIPMENT, AND DISCUSS OBJECTIVES FOR THE DAY THROUGH THE JSA
	7:00 - 8:00	1.00	ABANDP	31	I	P		PU 12 JTS 2-3/8 4.7#, J-55 EUE, TAG TOC @ 355, TOOH LAY DOWN TUBING ON A TRAILER
	8:00 - 9:00	1.00	ABANDP	30	F	P		ROCK OUT TONGS, ND BOP's
	9:00 - 9:30	0.50	ABANDP	34	I	P		RU WARRIOR WIRELINE, PU 8.625 CIBP RIH SET IT @ 80 FT, RDMO WL.
2/16/2016	9:30 - 10:30	1.00	ABANDP	30	C	P		ROCK OUT PUMP & TANK, RDMO CLEAN LOCATION.
	6:00 - 7:00	1.00	ABANDP	52		P		PSI test surface casing to 500 psi, good test
	7:00 - 8:00	1.00	ABANDP	53	B	P		dug up surface casing
	8:00 - 9:00	1.00	ABANDP	53	C	P		cut casing 6' below GL, tagged @ 72'
	9:00 - 10:00	1.00	ABANDP	53	B	P		filled casing stub with 38 bags 5000 psi cement
	10:00 - 11:00	1.00	ABANDP	53	A	P		capped casing with a metal plate containing well info
	11:00 - 12:00	1.00	ABANDP	53	B	P		backfilled