

US ROCKIES REGION
Operation Summary Report

Well: INOUYE 15-31A

Spud date: 12/21/2002

Project: COLORADO-WELD-NAD83-UTM13

Site: INOUYE 19-31 PAD

Rig name no.: CONCORD 4/4

Event: WELL WORK EXPENSE

Start date: 1/18/2016

End date:

Active datum: RKB @4,900.99usft (above Mean Sea Level)

UWI: 0/2/N/66/W/31/0/SWNE/6/0/S/-1475/W/0/-2040/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
1/15/2016	8:30 - 10:30	2.00	WO/REP	35	A	P		MIRU SUMMIT SL FISHED TOOLS AT SN:7813' TAG FILL @ 8061' RDMO
1/17/2016	8:00 - 9:00	1.00	MIRU	53	B	P		MIRU FLARE EQUIP/ PULL AUTOMATION
	9:00 - 12:00	3.00	WO/REP	53	B	P		BLOW DOWN CSG THROUGH FLARE TO 100#, BLOW DOWN TBG TO 100#, PUMPED 55 BBLs DOWN CSG, 25 BBLs DOWN TBG, WELL ON VAC
	12:00 - 12:30	0.50	RDMO	53	B	P		SWI, RDMO FLARE EQUIP
1/18/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		CT TO LOCATION JSA SAFETY MEETING
	7:00 - 9:00	2.00	WO/REP	30	A	P		MIRU CONCORD # 4 RU PUMP & TANK
	9:00 - 9:45	0.75	WO/REP	30	E	P		TP:140,CP:80,SP:30 PSI SURFACE JUST GASSED, BLEEW DOWN & CONTROLLED WELL 20 BBL/TBG 30 BBL/CSG WATER WITH BIO
	9:45 - 10:30	0.75	WO/REP	31	F	P		ND 3KWH NU 3KBOP RU WORK FLOOR & TBG EQUIPMENT
	10:30 - 13:00	2.50	WO/REP	31	I	P		RU HOLE SEEKRES EMI UNIT TOOH TALLY OUT 248 JTS 2 3/8 TBG=7820'KB ALL GOOD TBG RD EMI UNIT
	13:00 - 15:00	2.00	WO/REP	31	E	P		TIH CENTENNIAL TOOLS 4.5 RBP SET IT @ 7125' W/226 JTS 2 3/8 TBG, LD 2 JTS
	15:00 - 16:00	1.00	WO/REP	31	H	P		CIRCULATED GAS OUT & PRESSURE TEST CSG & RBP TO 1000 PSI FOR 15 MINUTES WITH RIG PUMP, MADE SURE NO VEHICLES OR PERSONNEL ON RED ZONE WHILE PRESSURE TESTING.. GOOD TEST
	16:00 - 16:30	0.50	WO/REP	31	I	P		TOOH 14 STDS TO 6160' SPOT 2 SX OF SAND ON RBP FLUSHED W/20 BBLs OF WATER W/BIO
	16:30 - 17:30	1.00	WO/REP	31	I	P		TOOH 49 STDS MORE, EOT 3064' DRAINED PUMP & LINES SWI SDFN
1/19/2016	17:30 - 18:30	1.00	WO/REP	30	G	P		CT TO THE YARD
	6:00 - 7:00	1.00	WO/REP	30	G	P		CT TO LOCATION JSA SAFETY MEETING
	7:00 - 8:00	1.00	WO/REP	31	I	P		TP:0,CP:0,SP:0. FINISHED TOOH 49 STDS 2 3/8 TBG LD RETRIEVING HEAD
	8:00 - 8:30	0.50	WO/REP	31	I	P		CHANGED TOOLS FOR 1 1/4 TBG & TIGHT BACK DRILL LINE TO UNLAND 4.5 CSG
	8:30 - 9:00	0.50	WO/REP	30	F	P		RD WORK FLOOR ND BOP & 3K WH
	9:00 - 9:30	0.50	WO/REP	30		P		PU CSG SPEAR UNLANDED 4.5 CSG @ 90K FROM SLIPS
	9:30 - 10:30	1.00	WO/REP	30	F	P		NU DUAL ENTRY FLANGES & 3K BOP W/ 1-1/4 RAMS RU WORK FLOOR
	10:30 - 12:00	1.50	WO/REP	31	I	P		TIH IN ANNULUS 31 JTS 1 1/4 TBG TO 1010' CIRCULATED WELL GOT SOME DIRTY WATER ON RETURNS 1.5 BPM @ 400 PSI
	12:00 - 12:30	0.50	WO/REP	31	I	P		TIH 10 JTS MORE TOTAL 41 JTS= 1336'
	12:30 - 14:00	1.50	WO/REP	31	H	P		BROKE CIRCULATION FOR 5 MINUTES THEN LOST CIRCULATION COULD NOT CIRCULATED ANYMORE, (TBG PRESSURED UP TO 800 PSI BUT WOULD NOT CIRCULATE) OPENED TBG TO TANK & WAS MAKING LOST OF GAS & LITTLE BIT OF FLUID BACK TO TANK .
	14:00 - 14:15	0.25	WO/REP	31	I	P		PUH 5 JTS TO 1173'

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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	14:15 - 15:30	1.25	WO/REP	31	H	P		EOT 1173' =36 JTS IN HOLE CIRCULATED WELL THERE GOT THICK MUD & GAS ON RETURNS THEN CLEANER RETURNS
	15:30 - 15:45	0.25	WO/REP	31	I	P		TIH 6 JTS TOTAL 42 JTS IN @ 1369'
	15:45 - 17:00	1.25	WO/REP	31	H	P		CIRCULATED WELL @ 1369' PRETTY THICK MUD & LOTS OF GAS ON RETURNS, 1.7 BPM @ 500 PSI.
	17:00 - 18:00	1.00	WO/REP	31	I	P		TOOH LD 10 JTS EOT @ 1043' 32 JTS LEFT IN THE HOLE, SWI DRAINED PUMP & LINES SDFN.
	18:00 - 19:00	1.00	WO/REP	30	G	P		CT TO THE YARD
1/20/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		CT TO LOCATION JSA SAFETY MEETING
	7:00 - 8:00	1.00	WO/REP	30	E	P		CHECK PRESSURE: 1 1/4 TBG WAS FROZEN, SP:80 PSI, BLEW DOWN SP, THAWED OUT 1 1/4 TBG IT HAD JUST A BLOW ON TBG
	8:00 - 8:15	0.25	WO/REP	31	I	P		1 1/4 EOT=1043' W/32 JTS, TIH TO 1369'=42 JTS
	8:15 - 9:00	0.75	WO/REP	31	H	P		CIRCULATED WELL @ 2 BPM @ 650 PSI GETTING LITTLE BIT OF GAS & DEHYDRATED MUD ON RETURNS
	9:00 - 9:15	0.25	WO/REP	31	I	P		TIH TO 1700'=52 JTS
	9:15 - 11:45	2.50	WO/REP	31	H	P		CIRCULATED WELL EOT 1700' 2 BPM @ 650 PSI, GETTING DEHYDRATED MUD & LITTLE BIT OF GAS AT THE BEGINING THEN CLEANER RETURNS AND NO MORE GAS, SPOTED 20 BBLS 10 PPG MUD BEFORE SHUTTING DOWN RIG PUMP
	11:45 - 12:00	0.25	WO/REP	31	I	P		PUH LD 6 JTS EOT 1505'=46 JTS
	12:00 - 12:15	0.25	WO/REP	48		P		HELD SANJEL'S JSA SAFETY METING WITH ALL PERSONNEL ON LOCATION, NOTED RED ZONE & KEEP OUT OF THERE IF NO NEED TO BE THERE, HIGH PRESSURE MAJOR CONCERN
	12:15 - 13:30	1.25	WO/REP	51	B	P		RU SANJEL PRESSURE TESTED LINES TO 2000 PSI, ESTABLISHED CIRCULATION & PUMPED 5 BBL FRESH WATER, 20 BBLS SMS, 5 BBLS FRESH WATER & 220 SX TYPE 3 CMT=52.1 BBLS OF CMT 14.8 PPG, 1.33 CF/SK @ 2 BPM @ 1000 PSI DISPLACED 1 BBL OF WATER RD SANJEL
	13:30 - 14:00	0.50	WO/REP	31	I	P		TOOH LD 34 JTS 1 1/4 TBG TO PLACE EOT @ 396' W/12 JTS LEFT IN THE HOLE
	14:00 - 14:15	0.25	WO/REP	31	H	P		CIRCULATED WELL CLEAN
	14:15 - 14:30	0.25	WO/REP	31	I	P		TOOH LD THE LAST 12 JTS & MULE SHOE SUB OF 1 1/4 TBG ON TRAILER
	14:30 - 15:00	0.50	WO/REP	30	F	P		RD WORK FLOOR, ND BOP
	15:00 - 16:00	1.00	WO/REP	30		P		PICK UP CSG SPEAR PULLED UP CSG RD DUAL ENTRY FLANGES RE-LANDED 4.5 CSG @ 60K ON SLIPS, NU 8 5/8 SURFACE HEAD REPLACES NIPPLES, 90,B-PLUS & VALVE ON SURFACE HEAD.
	16:00 - 17:00	1.00	WO/REP	30	F	P		NU NEW 5K GE WELLHEAD & 3K BOP RU WORK FLOOR CHANGED TOOLS FOR 2 3/8 TBG DRAINED PUMP & LINES SWI SDFN
	17:00 - 18:00	1.00	WO/REP	30	G	P		CT TO THE YARD
1/21/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		CT TO LOATION JSA SAFETY MEETING
	7:00 - 8:30	1.50	WO/REP	34	1	P		CP:0,SP:VAC. RU CUTTERS WL RIH RUN CBL FROM 2500' TO SURFACE FOUND GOOD CMT FROM 1500' TO 480' RDWL

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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	8:30 - 9:00	0.50	WO/REP	52	G	P		GOT ALL PERSONNEL & VEHICLES OUT OF RED ZONE,PRESSURE TESTED WH TO 1000PSI/15 MINUTES WITH RIG PUMP GOOD TEST
	9:00 - 10:30	1.50	WO/REP	31	I	P		TIH RETRIEVING HEAD & 226 JTS 2 3/8 TBG TAG SAND ON RBP @ 7125'
	10:30 - 11:30	1.00	WO/REP	31	H	P		CIRCULATED SAND OUT FROM RBP & RELEASED RBP
	11:30 - 13:30	2.00	WO/REP	31	D	P		TOOH 226 JTS 2 3/8 TBG LD RBP
	13:30 - 17:00	3.50	WO/REP	31	I	P		RU H-S TESTER TIH TEST TBG IN XN NIPPLE, NC & 248 JTS 2 3/8 TBG FOUND 5 CRIMPTED JTS, RD TRESTER, LANDED EOT @ 7821'KB
	17:00 - 17:30	0.50	WO/REP	30	F	P		RD WORK FLOOR, ND BOP NU 5K GE WELLHEAD
	17:30 - 18:00	0.50	WO/REP	52	G	P		H-S TESTER TORQUE & TESTED WH TO 5000 PSI FOR 15 MINUTES GOOD TEST SWI SDFN.
	18:00 - 19:00	1.00	WO/REP	30	G	P		CT TO THE YARD
1/22/2016	6:00 - 7:00	1.00	WO/REP	30	G	P		CT TO LOCATION JSA SAFETY MEETING
	7:00 - 7:30	0.50	WO/REP	30	E	P		TP:0,CP:0,SP:200 PSI BLEW DOWN INSTANTLY & MADE ABOUT 10 GALLONS OF FLUID SHUT IT IN, NOTICED THAT WILL BUILD PRESSURE RIGHT AWAY(NOTIFIED ED GRIEBEL & ANNE KREMER ABOUT SURFACE PRESSURE).
	7:30 - 8:30	1.00	WO/REP	30		P		RUN 1.91" TBG BROACH TO XN NIPPLE
	8:30 - 9:30	1.00	WO/REP	30	C	P		RDMO CONCORD #4