

US ROCKIES REGION
Operation Summary Report

Well: MAGNESS 3-24A

Spud date: 12/11/2002

Project: COLORADO-WELD-NAD83-UTM13

Site: MAGNESS 3-24A

Rig name no.: RANGER 6/6

Event: ABANDONMENT

Start date: 2/19/2020

End date:

Active datum: RKB @4,799.99usft (above Mean Sea Level)

UWI: 0/3/N/67/W/24/0/NWNE/6/0/N/1060/W/0/-1933/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
1/14/2020	7:00 - 8:00	1.00	ABANDP	53	B	P		SAMPLE COLLECTED
1/23/2020	13:00 - 15:00	2.00	LOCPRP	53	B	P		LONE TREE SERVICES INSTALL A STRING FENCE FOR RIG OPS.
1/27/2020	10:00 - 11:00	1.00	ABANDP	53	B	P		FORM 17 TEST
2/12/2020	7:00 - 9:30	2.50	ABANDP	35	D	P		MIRU CORETECH SLICKLINE. SICP 550PSI, SITP 550PSI, RIH W/ 2" JUC AND FISH PLUNGER AT 7747', POH, RIH W/ 2" JUC AND FISH STANDING VALVE AT 7748', POH, RIH W/ 1.25" IMPRESSION BLOCK AND TAG AT 7868', POH, RDMO CORETECH. NO FLUID LEVEL DETECTED
2/19/2020	10:30 - 11:30	1.00	ABANDP	30	G	P		MOBILIZE EQUIPMENT FROM HSR FT LUPTON FED 11-5A TO LOCATION
	11:30 - 11:45	0.25	ABANDP	48	B	P		JSA W/ TEAM. RIG/WINCH/WTR
	11:45 - 12:00	0.25	ABANDP	30	E	P		SICP 536PSI, SITP 531PSI, SCP 166PSI, DENERGIZE WELLHEAD.
	12:00 - 16:00	4.00	ABANDP	30	A	P		MIRU RANGER 6 & EQUIPMENT. RANGER COMPLETE MONTHLY RIG INSPECTION. INSPECTION TIME 12:30PM-14:30PM. TOOK EXTRA TIME TO ALLOW TBG TRAILER TO BE SPOTTED PRIOR TO LAYING HARDLINES, RIG UP FLOOR AND SET TONGS IN DERRICK, RIG DOWN FLOOR. SECURE WELL
	16:00 - 16:30	0.50	ABANDP	30	G	P		CREW TRAVEL TO YARD
2/20/2020	5:45 - 6:15	0.50	ABANDP	30	G	P		CREW TRAVEL TO LOCATION
	6:15 - 6:45	0.50	ABANDP	48	B	P		JSA W/ TEAM. WARM UP EQUIPMENT, -1F AMBIENT
	6:45 - 7:00	0.25	ABANDP	30	E	P		SCIP 531PSI, SITP 531PSI, SCP 165PSI, MAKE UP LINES.
	7:00 - 8:15	1.25	ABANDP	30	D	P		JSA W/ TEAM. RIG/T&T. -1F, RIG CON'T PREP FOR OPERATIONS. RMOR PRESSURE TEST BOTH RANGER 2 7/8" TIW/XO 250/5, 3000/15, TEST GOOD
	8:15 - 10:15	2.00	ABANDP	30	E	P		PRIME RIG PUMP, PUMP 32BBLs F/B DOWN 2 3/8" TBG 3BPM/500-0, PUMP 90BBLs F/B DOWN 2 3/8" X 4.5" ANNULUS 3BPM/0-900, PUMP 32BBLs F/B DOWN 2 3/8" TBG 3BPM/900, STOP PUMP, SHUT IN TBG/CSG, AFTER 9 MINUTES TBG/CSG ON VACUUM. DURING WELL CONTROL RMOR PRESSURE TEST RANGER BOP BLIND RAMS 250/5, 3000/15, INSTALL 2 3/8" N80 SUB INTO STUMP HANGER, TEST 2 3/8" PIPE RAMS 250/5, 3000/15, ALL TEST GOOD, BLEED OFF PRESSURE, REMOVE 2 3/8" SUB AND BREAK BOP STUDS.
	10:15 - 11:15	1.00	ABANDP	30	F	P		TBG/CSG 0PSI/VACUUM. NDWH, INSTALL 8 5/8" 5K COMPANION FLANGE ONTO 3K WELLHEAD, NU 7 1/16" BOP, INSTALL 2 3/8" N80 X 8' SUB W/ TIW INTO HANGER, TORQUE BOP STUDS TO SPEC, PRESSURE TEST BOP/WH CONNECTION UNDER 2 3/8" PIPE RAMS 250/5, 3000/15.
	11:15 - 11:30	0.25	ABANDP	30	E	P		PUMP 20BBLs F/B DOWN 2 3/8" X 4.5" ANNULUS 2BPM/0PSI.

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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	11:30 - 13:30	2.00	ABANDP	31	I	P		TBG/CSG 0PSI. UNLAND 2 3/8" PROD TBG/HANGER AT 36K, REMOVE TBG HANGER, INSTALL 2 3/8" COLLAR. TOH 49STDS 2 3/8" J55 TBG, LAY DOWN 147JTS, SN/NC. PUMP 2BBLs/946' TBG PULLED, TOTAL 16BBLs.
	13:30 - 14:45	1.25	ABANDP	34	O	P		JSA W/ TEAM. RIG/WL MIRU RELIANCE WIRELINE(SIT W/ SUPERVISOR RUNNING TRUCK). RIH W/ 3.75" OD GR/JB, 3 1/8" X 7' WEIGHT BAR, 3 1/8" CCL TO 7738' CCL, PU AND GET ON DEPTH W/ COLLARS ON PROG 7716', 7674', POH AND LAY DOWN GR/JB/WEIGHT BAR. (FLUID LEVEL IN 1990', OUT 2250')
	14:45 - 16:30	1.75	ABANDP	34	I	P		RIH W/ 3.56" OD 4.5" 11.6# CSG 10K CIBP, SET TOOL, 3 1/8" CCL TO 7750', PU AND GET ON DEPTH W/ COLLARS FROM PROG 7716, 7764', RIH/PU TO 7692', 8' OFFSET, SET 4.5" CIBP AT 7700' (LT 1590#-1365#), PU/RIH/TAG CIBP, POH, LAY DOWN SET TOOL/CCL.(FL IN 2430', OUT 2530') RIH W/ 3" X 30' DUMP BAILER W/ 2SX CMT TO 7700', SPOT 2SX CMT ON CIBP AT 7700', POH, LAY DOWN DUMP BAILER. LOAD 4.5" CSG W/ 34BBLs AFTER DUMP BAILER BELOW FLUID LEVEL.
	16:30 - 17:45	1.25	ABANDP	34	I	P		RIH W/ 3.56" OD 4.5" 11.6# CSG 10K CIBP, SET TOOL, 3 1/8" CCL TO 7030', PU AND GET ON DEPTH W/ COLLARS FROM PROG 7005', 6964", RIH/PU TO 6987', 8' OFFSET, SET 4.5" CIBP AT 6995' (LT 1410#-1170 #), PU/RIH/TAG CIBP, POH, LAY DOWN SET TOOL/CCL. RDMO RELIANCE WIRELINE. FLUID LEVEL 322', RIG CREW DRAIN PUMP AND LINES DURING CIBP RUN. SECURE WELL
	17:45 - 18:15	0.50	ABANDP	30	G	P		CREW TRAVEL TO YARD
2/21/2020	5:30 - 6:00	0.50	ABANDP	30	G	P		CREW TRAVEL TO LOCATION
	6:00 - 6:30	0.50	ABANDP	48	B	P		JSA W/ TEAM. WARM UP EQUIPMENT. -1F AMBIENT
	6:30 - 7:30	1.00	ABANDP	30	I	P		BLOW AIR THRU HARDLINES, MAKE UP LINES. REPLUMB HARDLINES AT TANK TO REPLCE LEAKING BALL VALVE. PLUMB IN BURIED SURFACE CASING VALVE.
	7:30 - 7:45	0.25	ABANDP	30	E	P		SICP OPSI, SCP 165PSI.
	7:45 - 9:00	1.25	ABANDP	34	D	P		WAIT TO WET PUMP AND PT CSG UNTIL AFTER DUMP BAIL RUN DUE TO COLD TEMPS JSA W/ TEAM. RIG/WL MIRU RELIANCE WIRELINE. RIH W/ 3" X 30' DUMP BAILER W/ 2SX CMT TO 6995', SPOT 2SX CMT ON CIBP AT 6995', POH, LAY DOWN DUMP BAILER.
	9:00 - 9:30	0.50	ABANDP	52	G	P		LOAD 4.5" CSG W/ 5BBLs F/B, PRESSURE TEST 4.5" CSG BELOW BLIND RAMS 524PSI/15MIN, END PRESSURE 521PSI, BLEED OFF PRESSURE TO TANK, MAKE UP LINES AND CIRC PUMP TO PREVENT FREEZING.

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Project: COLORADO-WELD-NAD83-UTM13	Site: MAGNESS 3-24A		Rig name no.: RANGER 6/6
Event: ABANDONMENT	Start date: 2/19/2020		End date:
Active datum: RKB @4,799.99usft (above Mean Sea Level)		UWI: 0/3/N/67/W/24/0/NWNE/6/0/N/1060/W/0/-1933/0/0	

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	9:30 - 11:15	1.75	ABANDP	34	N	P		RIH W/ 2.75" CENTRALIZER, 2.75" OD PROBE GR-CCL, 2.75" OD CENTRALIZER, PROBE RADII-2750 RCBL, 2.75" CENTRALIZER, 1 11/16" CABLE HEAD TO 1040', CALIBRATE IN FREE PIPE, CON'T RIH TO 6800', REPEAT PASS 6800'-6584', RIH TO 6800', CBL 6800'-0' AT 0PSI, EST TOC NOT VERIFIED BY ENG 6607', LOG SPEED ~120FT/MIN, ZERO AT GROUND LEVEL. LAY DOWN TOOLS.
	11:15 - 13:00	1.75	ABANDP	30	E	P		BLOW DOWN SURFACE CASING TO MUD TANK THRU 32/64" CHOKE 11:15AM 165PSI, 11:17AM 0PSI, WELL CON'T TO FLOW MUD/WATER AND GASSING. DECISION TO LUBE UP WIRELINE FOR PERFORATIONS, CONTACT RELIANCE FOR LUBES, HOLESEEKERS FOR TORQUE. CON'T TO LEAVE SURFACE CSG OPEN TO TANK.
	13:00 - 14:00	1.00	ABANDP	30	F	P		JSA W/ TEAM. RIG/WL/T&T MIRU HOLESEEKERS. MIRU HOLESEEKERS, TORQUE WIRELINE 7 1/16" 5K X 5" BOWLEN ADAPTOR FLANGE TO RIG 7 1/16" 5K SPOOL. PICK UP LUBE/PERF GUNS AND MAKE UP, LOAD W/ F/B, USE RIG PUMP TO PRESSURE TEST WIRELINE LUBE ABOVE RIG BOP BLIND RAMS 1500/10MIN, BLEED OFF PRESSURE.
	14:00 - 14:45	0.75	ABANDP	34	H	P		RIH W/ 3 1/8" 4' PERF GUN & 3 1/8" CCL, 1 11/16" CABLEHEAD TO 3500' CCL, PU AND GET ON DEPTH W/ COLLARS FROM 2-21-20 CBL AT 3475', 3432', RIH/PU TO 3442' CCL, 3' OFFSET, PERFORATE 3445'-3449' 4SPF, .59" EH, 120d, 4.72" PENETRATION, 20GRAM CHARGE, POH, AND BUMP UP IN LUBE, CLOSE RIG BOP BLIND RAMS, VERIFY 0PSI, LAY DOWN PERF GUN AND LUBE(ALL SHOTS FIRED), RIG DOWN WIRELINE LUBE EQUIPMENT. RDMO RELIANCE WIRELINE. T-3375-301 OWENS

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	14:45 - 16:45	2.00	ABANDP	31	H	P		PUT 3 GALLONS THERMA THIN MUD THINNER INTO PUMP SUCTION LINE, PUMP F/B DOWN 4.5" CSG, RETURN UP 4.5" X 8 5/8" ANNULUS, PUMP 16BBLS AND BREAK CIRCULATION, CON'T CIRC 2BPM/600PSI, INCREASE RATE TO 3BPM/400 AFTER ADDT'L 44BBLS AWAY, RETURNS HEAVY MUD/GAS, LOSE RETURNS, XO PUMP 2/BPM/200 DOWN 4.5" X 8 5/8" ANNULUS RETURN UP 4.5" CSG FOR 25BBLS F/B TO HYDRATE/LOOSEN MUD NEAR SURFACE, XO PUMP 2.5BPM/400 DOWN 4.5" CSG, RETURN UP 4.5" X 8 5/8" ANNULUS, RETURNS LIGHT MUD/GAS, CON'T PUMP 2.5/400 FOR 20BBLS, LOSE RETURNS OF HEAVY MUD/GAS, CON'T PUMP 2BPM/400 AND GET PARTIAL HEAVY MUD/GAS RETURNS IN SLUGS FOR 15BBLS, PUMP 12BBLS W/O RETURNS, CON'T PUMP 2.5/600 GET PARTIAL RETURNS VERY HEAVY MUD/ALOT OF GAS, CHANGE OVER AND PUMP RECYCLE PROD WATER TO LOWER MUD TANK LEVEL FOR 40BBLS, SWITCH TO AND PUMP CLEAN F/B AT 4BPM/600 WITH RETURNS OF HEAVY MUD/OIL/ALOT OF GAS, TO HEAVY MUD/GAS, TO MEDIUM MUD/GAS, TO LIGHTER MUD/GAS, END PUMP RATE 4/300. STOP PUMPING. SECURE WELL
	16:45 - 18:00	1.25	ABANDP	30	I	P		CIRC RIG HARDLINES CLEAN W/ F/B, DRAIN PUMP AND LINES, BOTTOM MUD TANK. SDFN
	18:00 - 18:30	0.50	ABANDP	30	G	P		CREW TRAVEL TO YARD
2/24/2020	5:30 - 6:00	0.50	ABANDP	30	G	P		CREW TRAVEL TO LOCATION
	6:00 - 6:30	0.50	ABANDP	48	B	P		JSA W/ TEAM. WARM UP EQUIPMENT
	6:30 - 7:15	0.75	ABANDP	30	E	P		SICP 108PSI, SCP 95PSI, MAKE UP LINES, BLOW DOWN CSG/SC TO TANK.
	7:15 - 15:30	8.25	ABANDP	31	H	P		PRIME RIG PUMP. FORWARD CIRC F/B DOWN 4.5" CSG THRU 3445' PERFS, RETURN UP 4.5" X 8 5/8" CSG 1.5BPM/200, GET FULL RETURNS AFTER 10BBLS F/B AWAY, CON'T PUMP 1.5/200 FOR 20BBLS ADDT'L, INCREASE RATE TO 2.5BPM/200, RETURNS MUD WTR/GAS, AFTER 64BBLS F/B PUMPED SWITCH TO RECYCLE WTR/MUD CON'T PUMP 2.5/200(07:35), RETURNS MUD WTR/GAS, 08:10 INCREASE PUMP RATE TO 3.5BPM/150PSI PUMPINIG RECYCLE FLUID, FLUID LOSS 16BBLS, REPLACE W/ 16BLS CLEAN F/B, 15:30 STOP PUMPING, LET WELL EQUALIZE. TOTAL FLUID CIRCULATED 1600BBLS/7.25 HOLE VOLUMES. END RETURNS LIGHT MUDDY WATER/SLIGHT GAS. SECURE WELL
	15:30 - 16:30	1.00	ABANDP	30	I	P		DRAIN PUMP AND LINES, TARP WELLHEAD AND PREP RIG HEATER. BOTTOM OUT MUD TANK. SDFN
	16:30 - 17:00	0.50	ABANDP	30	G	P		CREW TRAVEL TO YARD
2/25/2020	5:30 - 6:00	0.50	ABANDP	30	G	P		CREW TRAVEL TO LOCATION
	6:00 - 6:30	0.50	ABANDP	48	B	P		JSA W/ TEAM. WARM UP EQUIPMENT
	6:30 - 7:00	0.50	ABANDP	30	E	P		SICP 9PSI, SCP 20PSI, MAKE UP LINES, BLOW DOWN TO TANK

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	7:00 - 8:00	1.00	ABANDP	34	H	P		JSA W/ TEAM. RIG/WL RIH W/ 3 1/8" PERF GUN, 3 1/8" CCL, 1 11/16" CABLE HEAD TO 3105' CCL, PU AND GET ON DEPTH W/ COLLARS FROM 2-21-20 CBL AT 3052', 3009', RIH/PU TO 3042', 3' OFFSET, PERFORATE 3045'-3049' 4SPF .59" 120d 4.72" T 3375-301, POH, VERIFY 0PSI, COME OFF WELL, LAY DOWN TOOLS, ALL SHOTS FIRED, RDMO RELIANCE WIRELINE
	8:00 - 9:30	1.50	ABANDP	31	I	P		LOAD 4.5" CSG W/ 4BBLS F/B. TALLY/TIH W/ 3.62" OD 4.5" 11.6# CICR 2.95', 99JTS 2 3/8" J55 TBG 3123.01', -9.00' ADJ KB TO GL PERF. EOT CICR 3116.96', PICK UP 20K, PRESSURE TEST 2 3/8" TBG 1500/5, GOOD TEST, BLEED OFF PRESSURE, SHEAR OFF CICR, STING OUT, STING INTO.
	9:30 - 13:00	3.50	ABANDP	31	H	P		2.5GAL THERMA THIN, PUMP F/B DOWN 2 3/8" TBG, RETURN UP 2 3/8" X 4.5" ANNULUS 2BPM/600PSI, PUMP 10BBLS F/B, 2GAL EZ MUD, CON'T PUMP 2/600, RETURNS LIGHT MUD WTR/VERY SLIGHT FORMATION/SLIGHT GAS AT BTMS UP FOR ~20BBLS, AT 44BBLS F/B AWAY SWITCH TO RECYCLE PROD WTR, CON'T 2/600, PUMP PRESSURE AFTER BOTTOMS UP 2BPM/400PSI, ADD 2GAL THERMA THIN, RETURNS WENT TO CLEAN WATER PREVIOUSLY PUMPED BACK TO LIGHT MUD WTR, RECYCLE FLUID IN/OUT 8.4PPG(SAMPLED THREE TIMES). LOST 4BBLS CIRCULATING, PUMP4BBLS F/B TO REPLACE TANK LEVEL. TOTAL CIRCULATED ~470BBLS
	13:00 - 15:15	2.25	ABANDP	51	A	P		JSA W/ TEAM. RIG/CMT/WTR/TOOLS MIRU SCHLUMBERGER CEMENTING. MIX WATER 65F. SLB PUMP 10BBLS CHEM WASH, 10BBLS FRESH WATER(2.25/315), PRESSURE TEST LINES 2500PSI, TEST GOOD, BLEED PRESSURE OFF TO TBG. MIX/PUMP 175SX 14PPG 1.38YLD 6.82GPS .4% LTX 12% GYPSUM .6% FLUID LOSS ADD(43BBLS CMT SLURRY)2.25/400-0), 9BBLS FRESH WATER DISPLACEMENT. EST TOC 2924', REMOVE SLB LINE FROM TBG AND PLUMB INTO RIG HARDLINES, SLB CLEAN UP TO TANK. TOH 24STDs 2 3/8" J55 TBG, EOT 1607'. RDMO SLB CMT.
	15:15 - 15:30	0.25	ABANDP	31	H	P		REVERSE CIRC TBG CLEAN
	15:30 - 16:30	1.00	ABANDP	31	I	P		TOH LAY DOWN 50JTS 2 3/8" J55 TBG/STINGER, TIH 7STDs, LAY DOWN 14JTS. SECURE WELL
	16:30 - 17:00	0.50	ABANDP	30	I	P		DRAIN PUMP AND LINES. BOTTOM MUD TANK. SDFN
	17:00 - 17:30	0.50	ABANDP	30	G	P		CREW TRAVEL TO YARD
2/26/2020	7:30 - 8:00	0.50	ABANDP	30	G	P		CREW TRAVEL TO LOCATION(RANGER MONTHLY SAFETY MTG)
	8:00 - 8:30	0.50	ABANDP	48	B	P		JSA W/ TEAM. WARM UP EQUIPMENT
	8:30 - 8:45	0.25	ABANDP	30	E	P		SICP 0PSI, SCP 2PSI/LEL, MAKE UP LINES AND OPEN CSG/SC TO TANK

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	8:45 - 9:30	0.75	ABANDP	31	1	P		SCP 0PSI/NO FLOW. PLUMB IN SECOND SURFACE CASING VALVE/OUTLET FOR CIRCULATION OPERATIONS.(AFTER VALVES INSTALLED SURFACE CASING BEGAN FLOWING OIL/WTR SLOWLY, SHUT IN AND FINISHED PLUMBING, OPEN TO TANK, NOT ENOUGH PRESSURE TO FLOW TO TANK)
	9:30 - 10:30	1.00	ABANDP	34	H	P		JSA W/ TEAM. RIG/WL. MIRU RELIANCE WIRELINE. RIH W/ TANDEM 3 1/8" PERF GUNS, 3 1/8" CCL, 1 11/16" CABLE HEAD TO 2064' CCL AND TAG TOC 2074', PU AND GET ON DEPTH W/ COLLARS FROM 2-21-20 CBL AT 1526', 1484', RIH/PU TO 1492' CCL, 8' OFFSET, PERFORATE 1500'-1504' 4SPF .59" 120d 4.72" T 3375-301, PU TO 997.5' CCL, 2.5' OFFSET, PERFORATE 1000'-1004' 4SPF .59" 120d 4.72" T 3375-301, POH, VERIFY 0PSI, COME OFF WELL, LAY DOWN TOOLS, ALL SHOTS FIRED. RDMO RELIANCE WIRELINE
	10:30 - 11:15	0.75	ABANDP	31	I	P		LOAD 4.5" CSG W/ 4BBLs F/B, TALLY/TH W/ 3.62" OD 4.5" 11.6# CSG CIRC 2.95', 2 3/8" 1.87" ID XN 1.00', 34JTS 2 3/8" J55 TBG 1073.79', -9.00' ADJ KB TO GL PERF, EOT CIRC 1068.74', PICK UP 20K, PRESSURE TEST 2 3/8" TBG 1500/5, TEST GOOD, BLEED OFF PRESSURE. SHEAR OFF CIRC, STING OUT, STING INTO.
	11:15 - 12:30	1.25	ABANDP	31	H	P		2.5GAL THERMA THIN. PUMP F/B DOWN 2 3/8" TBG, RETURN UP 2 3/8" X 4.5" ANNULUS 1.5/0 AND ESTABLISH CIRCULATION, AFTER 10BBLs AWAY INCREASE RATE TO 4BPM/500, RETURNS LIGHT MUD WTR/SLIGHT GAS, AFTER 44BBLs SWITCH OVER AND PUMP RECYCLE PROD WTR 2.5GAL EZ MUD, CON'T CIRC 4/500, BTM BACK COMPARTMENT OF MUD TANK AND GEL SWEEP COMES TO SURFACE AND PUMP 20BBLs F/B WHILE BOTTOMING OUT, CON'T CIRC 4/500 FOR TOTAL ~300BBLs
	12:30 - 14:30	2.00	ABANDP	51	A	P		JSA W/ TEAM. RIG/WTR/CMT/TOOL MIRU SCHLUMBERGER CEMENTING. PUMP 10BBLs CHEM WASH, 10BBLs FRESH WATER 2.25/400, PRESSURE TEST LINE 2500PSI, TEST GOOD, BLEED OFF PRESSURE TO TBG. CEMENT MIX WATER 70F. MIX/PUMP 4.1BPM/950PSI 195SX 15.8PPG 1.22YLD 5.26GPS .4% LATEX 2% CACL 4% GYPSUM(42.4BBLs CMT), 1BBL FRESH WATER DISPLACEMENT. STO PUMP, STING OUT OF RETAINER, VERIFY 0PSI, REMOVE SLB LINE FROM TBG AND PLUMB INTO RIG HARDLINES. TOH LAY DOWN 2JTS 2 3/8" J55 TBG, EOT 1006', USE RIG PUMP AND REVERSE TBG/ANNULUS CLEAN W/ 12PPG 1.5-3BPM/500PSI, SWAP RETURN LINES, PUMP 12PPG MUD 4BPM/500PSI DOWN 2 3/8" X 4.5" ANNULUS, RETURN UP 4.5" X 8 5/8" ANNULUS, END RETURNS 11.8PPG MUD AT TANK. SBL CLEAN UP TO TANK, RDMO SLB CMT

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2/27/2020	14:30 - 15:15	0.75	ABANDP	31	I	P		TOH LAY DOWN 32JTS 2 3/8" TBG, LAY DOWN STINGER. PULLED TBG VERY SLOW TO PREVENT WET STRING. LOAD 4.5" PROD CSG W/ 3BBLs 12PPG MUD. SECURE WELL
	15:15 - 16:00	0.75	ABANDP	30	I	P		CIRC RIG LINES CLEAN W/ F/B, DRAIN PUMP AND LINES. BOTTOM MUD TANK. SDFN
	16:00 - 16:30	0.50	ABANDP	30	G	P		CREW TRAVEL TO YARD
	5:30 - 6:00	0.50	ABANDP	30	G	P		CREW TRAVEL TO LOCATION
	6:00 - 6:30	0.50	ABANDP	48	B	P		JSA W/ TEAM. WARM UP EQUIPMENT
	6:30 - 7:00	0.50	ABANDP	30	E	P		THAW SURFACE CASING VALVE. SICP -7.5PSI, SCP -11PSI.
	7:00 - 8:00	1.00	ABANDP	30	J	P		NDBOP, NDWH, PLUMB IN 4.5" LTC COLLAR, 4 1/2" X 2" SWAGE, 2" BALL VALVE ONTO PROD CSG.
	8:00 - 9:30	1.50	ABANDP	31	H	P		SPOT IN TWO RANGER TRANSPORTS EMPTY FOR RETURNS. SPOT IN BASIC TRANSPORT W/ 150BBLs F/B, BASIC TRANSPORT W/ 100BBLs 16PPG MUD. PRIME RIG PUMP W/ F/B, PRIME RIG PUMP W/ 16PPG MUD. JSA W/ TEAM. RIG/WTR
								CHECK VALVE ALIGNMENT. CIRCULATION DOWN 4.5" PROD CSG, THRU 1000' PERFS, RETURN 4.5" X 8 5/8" ANNULUS.
								PUMP 20BBLs 16PPG 4BPM/500PSI, PUMP 32BBLs F/B 4BPM/800PSI, RETURNS SLIGHT SLIGHT DEHY MUD/SOLIDS, PUMP 30BBLs 16PPG 4.25BPM/1000-800PSI, PUMP 40BBLs F/B 4.25BPM/500-900PSI, RETURNS SOME DEHY MUD BALLS/SLIGHT SHALE, PUMP 50BBLs 16PPG 4.75BPM/900-600PSI, PUMP 88BBLs F/B 5.5BPM/900-700PSI, END RETURNS SLIGHT DEHY MUD/SHALE. SAMPLED RETURN MUD AT TANK 3 TIMES, EACH WEIGHT WAS 15.7PPG, END RETURNS CLEAN F/B. MAJORITY OF SOLIDS IN RETURNS WAS DEHY MUD.
	9:30 - 11:00	1.50	ABANDP	31	1	P		REPLUMB WELLHEAD FITTINGS TO ALLOW PUMPING ACROSS SURFACE CASING HEAD AFTER CEMENT JOB W/O MULTIPLE LINE SWAPS.
	11:00 - 13:15	2.25	ABANDP	51	A	P		WAIT 20MIN FOR FRESH WATER. JSA W/ TEAM. RIG/WTR/CMT
								MIRU SCHLUMBERGER CEMENTING. PUMP 25BBLs CHEM WASH, 10BBLs FRESH WATER
								4.2BPM/230PSI, PRESSURE TEST SLB LINES 2500PSI, TEST GOOD, BLEED OFF TO 4.5" CSG, MIX/PUMP 340SX 15.8PPG 1.22YLD 5.26GPS .4% LATEX 2% CACL 4% GYPSUM(73.9BBLs CMT), HAD 3BBLs 15.7PPG CMT AT RETURN TANK, 1.25BBL FRESH DISPLACE TO CLEAR LINE. STOP PUMPING, REMOVE SLB LINE FROM 4.5" CSG AND PLUMB INTO WELLHEAD MANIFOLD, ALIGN VALVES, SLB PUMP 10BBLs FRESH WATER
								ACROSS SURFACE CASING HEAD, END RETURNS CLEAN WATER, ALIGN VALVES, SLB CLEAN UP TO MUD TANK. SECURE WELL, EST TOC 0' 4.5" PROD CSG, 0' 4.5" X 8 5/8" ANNULUS. RDMO SLB CMT.

US ROCKIES REGION
Operation Summary Report

Well: MAGNESS 3-24A

Spud date: 12/11/2002

Project: COLORADO-WELD-NAD83-UTM13

Site: MAGNESS 3-24A

Rig name no.: RANGER 6/6

Event: ABANDONMENT

Start date: 2/19/2020

End date:

Active datum: RKB @4,799.99usft (above Mean Sea Level)

UWI: 0/3/N/67/W/24/0/NWNE/6/0/N/1060/W/0/-1933/0/0

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	13:15 - 15:00	1.75	ABANDP	30	I	P		CIRC RIG HARDLINES CLEAN W/ F/B, USE RIG PUMP AND WASH OUT MUD TANK. DRAIN PUMP AND LINES. SDFN
	15:00 - 15:30	0.50	ABANDP	30	G	P		CREW TRAVEL TO YARD
2/28/2020	5:30 - 6:00	0.50	ABANDP	30	G	P		CREW TRAVEL TO LOCATION
	6:00 - 6:30	0.50	ABANDP	48	B	P		JSA W/ TEAM. WARM UP EQUIPMENT
	6:30 - 7:00	0.50	ABANDP	30	E	P		SICP 0PSI(CMT SURFACE), SCP 0PSI(CMT 0') SECURE WELL
	7:00 - 9:30	2.50	ABANDP	30	C	P		RDMO RANGER 6 & EQUIPMENT. JSA W/ TEAM. WINCH/RIG