



Daily Operations

Well Name: E RANCHES 01

Daily Operations

Well Name	API	Job Type	Start Date	Summary
E RANCHES 01	05-123-07184	HORIZONTAL WELL PREP	11/27/2018	CREW TO BARKER PMF 26-10, HOLD JSA SAFETY MTG, LOAD AND TRANSPORT EQUIPMENT, CREW TO LOC, SIP 0, HOLD JSA SAFETY MTG, MORU, NU BOP, SPOT IN ANNULAR, SECURE WELL, SDFN
E RANCHES 01	05-123-07184	HORIZONTAL WELL PREP	11/28/2018	CREW TO LOC, SIP 0, HOLD JSA SAFETY MTG, DAILY RIG INSPECTION, NU ANNULAR, PSI/FUNCTION TEST BOP/ HARD LINES, SPOT IN P/S, SPOT IN D.C., TALLY BHA, RU P/S, TIH W/ 6 1/8 3CONE ROCK BIT X-O AND 1 D.C., EST CIRC, START DRILLING CMT, MADE 3FT IN 45MIN, CIRC CLEAN, TOOHS SB P/S AND BHA, DRAIN PUMP/LINES, DRAIN BOP STACK, SECURE WELL, SDFN
E RANCHES 01	05-123-07184	HORIZONTAL WELL PREP	11/29/2018	CREW TO LOC, SIP 0, HOLD JSA SAFETY MTG, FUNCTION TEST BOP, DAILY RIG INSPECTION, EST CIRC, START DRILLING @ 3FT, DRILLED TO 50FTKB W/ 2 3 1/2 O.D. D.C. AND FELL THRU CMT W/ 10FT OUT, CIRC/SWIVEL IN W/ 4 ADDITIONAL D.C. AND BHA TO 192FTKB CIRC HOLE CLEAN, RD P/S, TOOHS SB 6 3 1/2 D.C., LD BHA, DRAIN EQUIPMENT, SECURE WELL, SDFN
E RANCHES 01	05-123-07184	HORIZONTAL WELL PREP	11/30/2018	CREW TO LOC, SIP 0, HOLD JSA SAFETY MTG, DAILY RIG INSPECTION, ND 7 1/16 ANNULAR AND BOP STACK, NU 9IN BOP STACK AND ANNULAR, PU 7 7/8 3CONE ROCK BIT FLOAT SUB X-O, RU PS ON 1 3 1/2 O.D. D.C., TIH, EST CIR, START DRILLING CMT @ SURF, DRILLED TO 40FTKB W/ 2 3 1/2 D.C. 20FT OUT, CIRC HOLE CLEAN, HANG BACK P/S AND 1 D.C, LD 1 D.C., DRAIN EQUIPMENT, SECURE WELL, SDFN
E RANCHES 01	05-123-07184	HORIZONTAL WELL PREP	12/3/2018	CREW TO LOC, SIP 0, HOLD JSA SAFETY MTG W/ DHT, FUNCTION TEST BOP, DAILY RIG INSPECTION, TIH W/ 7 7/8 3CONE ROCK BIT, FLOAT SUB X-O AND 1 3 1/2 O.D. D.C., RU P/S ON 2ND D.C., TIH EST CIRC, START DRILLING CMT @ 40FTKB 20FT OUT, FELL THRU @ 50FT, RD P/S, TIH W/ 6 TOTAL D.C. AND BHA TO 192FTKB, CIRC HOLE CLEAN, TOOHS SB 6 3 1/2 D.C., LD BHA, PU DHT 8 5/8 TENSION PKR, TIH TAG @ 100FT+- AND COULD NOT MOVE DOWN HOLE, TOOHS LD 3 JTS 2 3/8 PH6 D.P, LD PKR, PU DHT 8 5/8 CSG SCRAPER AND X-O, TIH TO 160FTKB W/ 5JTS 2 3/8 PH6 D.P. 15FT OUT, TOOHS LDOF W/ 5 JTS 2 3/8 PH6, LD CSG SCRAPER, PU 8 5.8 TENSION PKR, TIH W/ 3 JTS PH6 TBG, TAG @ 100FT COULD NOT MOVE DOWN HOLE, PU 5FT, SET PKR ATTEMPT TO PSI TEST 8 5/8 CSG [FAIL] COMMUNICATION, RELEASE PKR MOVE UP HOLE 60FT, SET PKR @ 30FT, PSI TEST 8 5/8 CSG [FAIL], ATTEMPT TO RELEASE PKR, UNABLE TO RELEASE, CALL IN F/ ORDERS, DRAIN EQUIPMENT, SECURE WELL, SDFN
E RANCHES 01	05-123-07184	HORIZONTAL WELL PREP	12/4/2018	CREW TO LOC, SIP 0, HOLD JSA SAFETY MTG W/ DHT, FUNCTION TEST BOP, DAILY RIG INSPECTION, EST CIRC, WORK STUCK PKR UNTIL FREE, TOOHS LD 1 JT 2 3/8 PH6 D.P. LD PKR, DRAIN EQUIPMENT, SECURE WELL, SDFN
E RANCHES 01	05-123-07184	HORIZONTAL WELL PREP	12/5/2018	CREW TO LOC, SIP 0, HOLD JSA SAFETY MTG, FUNCTION TEST BOP, DAILY RIG INSPECTION, CHANGE EQUIPMENT OVER TO 5 1/2, WO CSG DELIVERY FOR 5HRS, TALLY IH TO 177FTKB W/ 4JTS 5 1/2 17# SB-80CSG LT&C, PU 5 1/2 X 2 3/8 X-O AND 12FT OF 2 3/8 PUP JTS, TIH LAND TO LINER IN 8 5/8 SURF HEAD @ 9FT F/ TO SLIPS, NU TIW VALVE, CLOSE PIPE RAMS CHAIN DOWN TBG, WO CMT, HOLD JSA SAFETY MTG W/ HES, RU CMT, PSI TEST LINES TO 2500PSI [CALC LIFT @ 92PSI], PUMP 8BBL FRESH H2O TO LOAD HOLE, PUMP AN ADDITIONAL 5BBL FRESH H2O AHEAD, MIX AND PUMP 50SXS G+3% CACL CMT @ 15.8PPG=10.2BBL CMT, DISP W/ 3BBL FRESH H2O LEAVING 42 FT OF CMT INSIDE 5 1/2 LINER [NOTE: NO CMT RETURNS @ SURF], CLOSE TIW VALVE, RD CMT, DRAIN EQUIPMENT, SECURE WELL, SDFN
E RANCHES 01	05-123-07184	HORIZONTAL WELL PREP	12/6/2018	CREW TO LOC, SIP 0/0, HOLD JSA SAFETY MTG, FUNCTION TEST BOP, DAILY RIG INSPECTION, RUN IH W/ WEIGHTED TAPE TAG TOC @ 134FTKN [LOST NUT IH], RUN IH BETWEEN SURF CSG AND LINER TAG TOC @ 62FTGL, TIH W/ 4JTS 2 3/8 PH6 D.P AND MAGNET, FISH WELL HEAD NUT OFF TOC, TOOHS LD D.P. MAGNET AND FISH, THAW OUT EQUIPMENT, PSI TEST SURF CSG TO 200PSI LOST 50PSI/MIN AND HELD 100PSI STEADY, PSI TEST 5 1/2 LINER TO 200PSI, HOLDING, RELEASE PSI, WO BIT SUB TOOL COMPANY DELIVERED THE WRONG SUB, PU 4 3/4 3CONE ROCK BIT, BIT SUB, TIH W/ 4 3 1/2 O.D. D.C., RU P/S ON 1JT 2 3/8 PH6 D.P., TIH TAG TOC @ 134FTKB, PU 5FT, DRAIN EQUIPMENT, SECURE WELL SDFN
E RANCHES 01	05-123-07184	HORIZONTAL WELL PREP	12/7/2018	CREW TO LOC, SIP 0/0/0, HOLD JSA SAFETY MTG, THAW OUT EQUIPMENT, FUNCTION TEST BOP, DAILY RIG INSPECTION, EST CIRC, START DRILLING CMT @ 134FTKB W/ 4 3 1/2 O.D. D.C. AND 1JT 2 3/8 PH6 D.P 25FT OUT, DRILLED TO 176FTKB AND FELL THRU W/ BHA 4 D.C. AND 3JTS 2 3/8 PH6 15FT OUT, CIRC CLEAN, RD P/S, TIH TAG HARD @ 538FTKB W/ BHA 4 D.C. AND 12 TOTAL JTS 2 3/8 D.P. 25FT OUT, CIRC CLEAN, TOOHS LDOF, RD P/S, TOOHS LDOF W/ 3JTS 2 3/8 D.P, SB 8JTS 2 3/8 D.P, SECURE WELL, SDFN
E RANCHES 01	05-123-07184	HORIZONTAL WELL PREP	12/10/2018	CREW TO LOC, SIP 0/0/0, HOLD JSA SAFETY MTG, FUNCTION TEST BOP, DAILY RIG INSPECTION, LD 1JT 2 3/8 PH6 D.P. AND X-O, TIH W/ 2 3 1/2 OD D.C., TIH W/ X-O AND 10JTS 2 3/8 PH6 D.P, TO 538FTKB TOOK WEIGHT AND FELL THRU, RU P/S, SWIVEL IH W/ 3ADDITIONAL JTS PH6 D.P, RD P/S, CONTINUE TALLY IH TO 930FTKB, EST CIRC, CONDITION HOLE CIRC OUT HEAVY MUD, CONTINUE TALLY IH TO 1645FTKB, EST CIRC, CIRC OUT HEAVY MUD, TOOHS SB 44JTS 2 3/8 PH6 D.P, SECURE WELL, DRAIN EQUIPMENT, SDFN



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E RANCHES 01	05-123-07184	HORIZONTAL WELL PREP	12/11/2018	CREW TO LOC, SIP 5/5/5, HOLD JSA SAFETY MTG, BLEED DOWN WELL, FUNCTION TEST BOP, DAILY RIG INSPECTION, TIH W/ 14JTS 2 3/8 PH6 D.P. TAG FILL @ 631FTKB, RU P/S, EST CIRC WASH MUD AND SHALE F/ 3JTS TO 725FT, RD P/S, CONTINUE TIH TO 2673FTKB TAG FILL UNABLE TO CIRC, TOO H W/ 8JTS 2 3/8 PH6 D.P., EST CIRC @ 2421FTKB, CONDITION HOLE, TOO H SB 70JTS 2 3/8 PH6 D.P, SECURE WELL, DRAIN EQUIPMENT, SDFN
E RANCHES 01	05-123-07184	HORIZONTAL WELL PREP	12/12/2018	CREW TO LOC, SIP 0/5/5, HOLD JSA SAFETY MTG, BLEED DOWN WELL, FUNCTION TEST BOP, DAILY RIG INSPECTION, TIH TAG FILL @ 433FTKB W/ D.C. BHA AND 8JTS 2 3/8 PH6 D.P.10FT OUT, RU P/S, WASH TO 632FTKB AND COULD NOT MAKE ANYMORE HOLE, RD P/S, TOO H SB 14JTS 2 3/8 PH6 6 3 1/2 D.C AND BHA FOUND CONE BIT TO BE BALLED UP W/ DEHYDRATED MUD, TIH W/ 4 3/4 B/BIT B/SUB 6 3 1/2 O.D. D.C. AND 16JTS 2 3/8 PH6 D.P TO 695FTKB, EST CIRC CONDITION HOLE, TIH W/ 10JTS 2 3/8PH6 D.P TO1009FTKB., CONDITION HOLE, TOO H SB 24JTS PH6 D.P., SECURE WELL, DRAIN EQUIPMENT, SDFN
E RANCHES 01	05-123-07184	HORIZONTAL WELL PREP	12/13/2018	CREW TO LOC, SIP 0/0/0, HOLD JSA SAFETY MTG, FUNCTION TEST BOP, DAILY RIG INSPECTION, TIH TO 2453FTKB W/ D.C. BHA AND 72JTS 2 3/8 PH6 D.P., EST CIRC, TIH W/ 3JTS D.P TO 2547FTKB., RU P/S, EST CIRC, CIRC/ROTATE/RECIPICATE F/ 2516-2557, CIRC SWIVEL IN TO 3072FTKB W/ D.C. BHA AND 92 JTS D.P., CONDITION HOLE, RD P/S, TOO H SB 90 JTS D.P., SECURE WELL, DRAIN EQUIPMENT, SDFN
E RANCHES 01	05-123-07184	HORIZONTAL WELL PREP	12/14/2018	CREW TO LOC, SIP 10/90/0, HOLD JSA SAFETY MTG W/ DHT, BLEED DOWN WELL, FUNCTION TEST BOP, DAILY RIG INSPECTION, TOO H LDO TRL W/ 6 3 1/2 O.D. D.C., TIH TO 3003FTKB W/ N.C. X-O AND 96 JTS 2 3/8 PH6 D.P., EST CIRC, CONDITION HOLE, WO CMT, HOLD JSA SAFETY MTG W/ HES, RU CMT, PSI TEST LINES TO 3000PSI [CALC LIFT @ 3528PSI], PUMP 10BBL MUD FLUSH 5BBL FRESH H2O AHEAD, MIX AND PUMP 200SXS G NEAT CMT @ B15.8PPG= 41BBL CMT, DISP TO BALANCE W/ 8BBL FRESH H2O, RD CMT, TOO H SB24JTS 2 3/8 D.P., TOO H LDOF W/ 7JTS 2 3/8 D.P. LEAVING 15 JTS IH, SECURE WELL, SDFN
E RANCHES 01	05-123-07184	HORIZONTAL WELL PREP	12/17/2018	CREW TO LOC, SIP 10/45/5, HOLD JSA SAFETY MTG, BLEED DOWN WELL, FUNCTION TEST BOP, DAILY RIG INSPECTION, TIH W/ 24JTS 2 3/8PH6 D.P., TOO H LDOF W/ 15JTS 2 3/8PH6 LEAVING 24JTS IH @ 1003FTKB, EST CIRC, CONDITION HOLE WO CMT DUE TO BLEND CHANGE, CMT ARRIVED BUT ART GUTTERSEN EJECTED CREW FROM RANCH, TOO H SB 24 JTS PH6, SECURE WELL, DRAIN EQUIPMENT, SDFN
E RANCHES 01	05-123-07184	HORIZONTAL WELL PREP	12/18/2018	CREW TO LOC, SIP 0/20/0, HOLD JSA SAFETY MTG W/ HES, BLEED DOWN WELL, FUNCTION TEST BOP, DAILY RIG INSPECTION, TIH TAG @ 351FTKB W/ 12JTS 2 3/8 PH6 D.P., CIRC/ROTATE/RECIPICATE COULD NOT MAKE HOLE, TOO H W/ 12JTS, TIH W/ BENT 6FT X 2 3/8 PUP JT AND 12JTS, RU P/S EST CIRC COULD NOT MAKE HOLE, TOO H W/ 12JTS PUP AND N.C., PU 4 3/4 B/BIT X-O, TIH TAG @ 492FTKB W/ 16JTS 2 3/8PH6, RU P/S, EST CIRC, CIRC DRILL TO 565FTKB AND FELL THRU, RD P/S, CONTINUE TIH TO 1003FTKB W/ 32TOTALJTS, EST CIRC, RU CMT, PUMP 10BBL MUD FLUSH, MIX AND PUMP 140SXS MODIFIED PLUG CHEM CMT @ 15.8PPG= 31BBL CMT, DISP TO BALANCE W/ 2BBL FRESH H2O, RD CMT, TOO H SB 32JTS 2 3/8PH6, LD BIT X-O, SECURE WELL, DRAIN EQUIPMENT, SDFN
E RANCHES 01	05-123-07184	HORIZONTAL WELL PREP	12/19/2018	CREW TO LOC, SIP 0/20/0, HOLD JSA SAFETY MTG, BLEED DOWN WELL, FUNCTION TEST BOP, DAILY RIG INSPECTION, LOAD HOLE W/ 2BBL FRESH H2O, MONITOR FOR FLOW AND BUBBLES, SI WELL F/ 15MIN MONITOR F/ PRESSURE BUILD [OPEN RAMS NO PSI NO FLOW], PU 4 3/4 B/BIT X-O, TIH TAG TOC @ 408FTKB W/ 13JTS 2 3/8 PH6 D.P., EST CIRC, CIRC OUT WET CMT, LD F/ DERRICK W/ 19JTS 2 3/8 PH6 TBG, HOLD JSA SAFETY MTG W/ HES, RU CMT, PSI TEST LINES TO 2000PSI [CALC LIFT @ 478PSI], PUMP 10BBL MUD FLUSH AHEAD, MIX AND PUMP 400SXS G+2% CACL @ 15.8PPG= 82BBL CMT [CMT TO SURF], RD CMT, TOO H LDOF W/ 13JTS 2 3/8 PH6 D.P., TOP OFF TO SURF W/ 2BBL PRE MIXED CMT, WASH UP BOP, SECURE WELL, DRAIN EQUIPMENT, SDFN
E RANCHES 01	05-123-07184	HORIZONTAL WELL PREP	12/20/2018	CREW TO LOC, SIP 0, HOLD JSA SAFETY MTG, DAILY RIG INSPECTION, ND BOP STACK, TAG TOC @ 8FT, RDMO EQUIPMENT