

Well Name: KING RANCH 01

API # 0500106312	Surface Legal Location NENE S21 T3S R65W	Field Name WILDCAT	Permit Number	State CO	Well Configuration Type VERTICAL
Ground Elevation (ft)	Casing Flange Elevation (ft)	Orig KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	Surface Spud Date 8/2/1971 00:00	Final Rig Release Date

Job: Abandon Well / Re-Entry , 9/10/2023 06:00, 16192740

Job Category Abandon	Primary Job Type Abandon Well	Secondary Job Type Re-Entry
Start Date 9/10/2023	End Date 9/18/2023	
Objective		

SUMMARY

Rpt #	Start Date	End Date	24 Hr Summary	REMARKS/ISSUES
1.0	9/10/2023	9/11/2023	MIRU	
2.0	9/11/2023	9/12/2023	SAFETY MEETING W/ BOTH RIG CREWS, FUNCTION TEST BOP'S, SPUD WELL, DRILL DOWN TO 195', PRESSURE TEST SURFACE CSG TO 500PSI FOR 15 MINS, GOOD PRESSURE TEST, DRILLED DOWN TO 1000', SENT HIGH VIS SWEEPS W/ 2X BOTTOMS UP, GOOD RETURNS OVER SHAKERS, DRILL DOWN TO 1300', RIG IS HAVING ELECTRICAL ISSUES, TOOH INTO SURFACE CSG, FINISH FIXING RIG, TIH AND START TO DRILL, DRILL THROUGH CMT PLUG FROM 1650'-1850', CONTINUE TO DRILL DOWN TO 2000', SEND HIGH VIS SWEEP W/ 2X BOTTOMS UP, DRILL DOWN TO 2500' START TO WEIGH UP MUD TO 9.5#/GAL, WITH HIGH VIS, CONTINUE TO DRILL DOWN TO 3000' AND SEND HIGH VIS SWEEP AND 2X BOTTOMS UP	
3.0	9/12/2023	9/13/2023	SAFETY MEETING WITH BOTH RIG CREWS, FUNCTION TEST BOP'S, CHECK MUD WEIGHT AND VIS, MUD WEIGH 9.5#/GAL & VIS 36, DRILL DOWN TO 4000' AND SEND HIGH VIS SWEEPS WITH 3X BOTTOMS UP, GOOD RETURNS OVER SHAKERS, LOST CIRCULATION ON 2ND BOTTOMS UP, LAY DOWN 5 JTS AND RE-GAIN CIRCULATION, CIRCULATE 2X MORE BOTTOMS UP TO CLEAN UP WELL, WASH BACK DOWN AND START DRILLING AGAIN DRILL DOWN TO 4500', GOOD RETURNS OVER SHAKERS, CUTTINGS LOOK LIKE DEHYDRATED MUD, DRILL DOWN TO 4624' AND LOST CIRCULATION AND GOT STUCK, LOST PIT VOLUME TRYING TO GET UNSTUCK, PULL UP TO 4200' REGAIN CIRCULATION, CIRCULATE AND CONDITION MUD BACK TO 9.5#/GAL W/ 36 VIS, WASH DOWN EACH JT BACK TO BOTTOM, COULD ONLY GET BACK TO 4467', STARTED TO TORQUE UP ON US AND GET METAL SHAVINGS BACK OVER SHAKERS, TOOH TO CHECK ON THE BIT	
4.0	9/13/2023	9/14/2023	SAFETY MEETING WITH BOTH RIG CREW, DISCUSS CHANGING OUT BITS AND RUNNING BACK IN, FUNCTION TEST BOP'S, OOH AND CHANGE BIT TO PDC BIT, TIH CIRCULATING EACH JT DOWN, CIRCULATE HIGH VIS SWEEP @ 1800' W/ 3X BOTTOMS UP, WASH DOWN TO 3000' CIRCULATE HIGH VIS SWEEP W/ 3X BOTTOMS UP, WASH DOWN TO 4000', CIRCULATE HIGH VIS SWEEP W/ 3X BOTTOMS UP, WASH DOWN TO 4500', CIRCULATE HIGH VIS SWEEP W/ 3X BOTTOMS UP, CIRCULATE DOWN TO 4660' AND START DRILLING DOWN TO 5000', CIRCULATE HIGH VIS SWEEP W/ 2 X BOTTOMS UP, GOOD RETURNS OVER SHAKERS, START DRILLING AGAIN KEEPING ROP AROUND 200	
5.0	9/14/2023	9/15/2023	SAFETY MEETING WITH BOTH RIG CREWS, FUNCTION TEST BOP'S, DRILL DOWN TO 5260', GOOD RETURNS AND CIRCULATION, DRILL DOWN TO 5500', SEND SAPP SWEEPS W/ 2X BOTTOMS UP, DRILL DOWN TO 5827', A LITTLE GAS IN RETURNS, CIRCULATE GAS THROUGH GAS BUSTER, BRING MUD WEIGHT UP TO 10#/GAL TO CONTROL WELL, DRILL DOWN TO 6000', SEND HIGH VIS SWEEPS W/ 2X BOTTOMS UP, GOOD RETURNS OVER SHAKERS, DRILL DOWN TO 6377', SHUT DOWN FOR LIGHTING IN THE AREA, STORM CLEARED BACK TO DRILLING, DRILL DOWN TO 6500', SEND SAPP SWEEPS W/ 2X BOTTOMS UP, DRILL DOWN TO 7000', SEND HIGH VIS SWEEPS W/ 2X BOTTOMS UP, DRILL PIPE STARTED TO TORQUE UP AND LOSE CIRCULATION, LAY DOWN TO 6600', REGAIN GOOD CIRCULATION AND LOWER TORQUE, CIRCULATE AND CONDITION WELL	

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6.0	9/15/2023	9/16/2023	SAFETY MEETING W/ BOTH RIG CREWS, FUNCTION TEST BOP'S, CIRCULATE WELL AND SWEEPS IN WELL, WASH DOWN EVERY JT BACK TO BOTTOM, START TO DRILL DOWN @ 7020', DRILL DOWN @ ROP OF 100, SEND HIGH VIS SWEEP W/ 2 BOTTOMS UP, DRILL DOWN TO 7350' SEND SAPP SWEEPS W/ 2X BOTTOMS UP, GOOD CIRCULATION OVER SHAKERS, DRILL DOWN TO TD @ 7700', SEND HIGH VIS SWEEPS W/ 3X BOTTOMS UP, TOO H TO CHANGE OUT BITS, CHANGE OUT TO CMT BIT, START TO TIH	
7.0	9/16/2023	9/17/2023	SAFETY MEETING W/ BOTH RIG CREWS, FUNCTION TEST BOP'S, OOH W/ PDC BIT, TAKE FLOAT OUT OF BIT SUB, MAKE UP CMT BIT, TIH WASHING EVERY JT DOWN, @ 1000' SEND HIGH VIS SWEEP, SWEEP TO SURFACE W/ 2000 STROKES, TIH WASHING DOWN TO 2000', SEND HIGH VIS SWEEPS AND 2X BOTTOMS UP, WASH DOWN TO 3000', SEND HIGH VIS SWEEPS AND 2X BOTTOMS UP, SWEEP CAME BACK @ 5000 STROKES, WASH DOWN TO 4000', SEND HIGH VIS SWEEPS W/ 2 BOTTOMS UP, SWEEPS CAME BACK AROUND 8000 STROKES, WASH DOWN TO 5000', SEND HIGH VIS SWEEPS W/ 2X BOTTOMS UP, SWEEPS CAME BACK AROUND 11000 STROKES, CIRCULATE EACH JT DOWN TO 6000', SEND HIGH VIS SWEEPS W/ 2 X BOTTOMS UP, CIRCULATE DOWN TO 7000', CIRCULATE HIGH VIS SWEEPS W/ 2X BOTTOMS UP, GOOD RETURNS OVER SHAKERS, TIH AND CIRCULATE DOWN TO 7700'	
8.0	9/17/2023	9/18/2023	SAFETY MEETING W/ BOTH RIG CREWS, FUNCTION TEST BOP'S, CIRCULATE AND WASH DOWN EVERY JT FROM 7000' TO 7700', GET DOWN TO TD @ 7700' CIRCULATE AND CONDITION WELL, MAKE A WIPER TRIP UP TO 7400' TO MAKE SURE WE COULD PULL OUT OF THE CMT PLUG, WASH BACK DOWN TO 7700', CIRCULATE AND CONDITION MUD, HELD SAFETY MEETING W/ CMT CREW AND RIG CREW, MIRU CMT CREW, MONITOR WELL FOR MIGRATION FOR 45 MINS, NO MIGRATION SEEN, PUMP CMT PLUG FROM 7700'-7750', 30BBL H2O SPACER, 80 SKS (16.38BBL)OF G CMT, 1.15 YIELD, 5.0 GAL/SK, DISPLACE W/14.7 BBL H2O & 116.5 BBL MUD DISPLACED BY RIG, TOO H 10 JTS AND BREAK CIRCULATION, TOO H 91 MORE JTS TO 3200', EST TOCMT 7450' MONITOR WELL FOR 45 MINS FOR MIGRATION, NO MIGRATION SEEN PUMP CMT PLUG FROM 3200'-3100', 30BBL H2O SPACER, 88 SKS (20.6BBL)OF THIXSO CMT, 1.32 YIELD, 6.11GAL/SK, DISPLACE W/14.7 BBL H2O & 53.5 BBL MUD DISPLACED BY RIG, TOO H 10 JTS AND BREAK CIRCULATION, WOC, TIH AND TAG TOC @ 2945' TOO H TO 2100'	

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9.0	9/18/2023	9/18/2023	<p>SAFETY MEETING W/ BOTH RIG CREWS, FUNCTION TEST BOP'S, TOOH TO 2100', CIRCULATE AND CONDITION WELL WITH SAPP SWEEPS,</p> <p>MONITOR WELL FOR 45 MINS FOR MIGRATION, NO MIGRATION SEEN</p> <p>PUMP CMT PLUG FROM 2100'-1900', 30BBL H2O SPACER, 100 SKS(20.4BBL)OF G CMT, 1.15 YIELD, 5.0 GAL/SK, DISPLACE W/ 33.53 BBL H2O, TOOH TO 1200' AND BREAK CIRCULATION, SEND SAPP SWEEPS AND CONDITION MUD, ETOCMT 1900'</p> <p>MONITOR WELL FOR 45 MINS FOR MIGRATION, NO MIGRATION SEEN</p> <p>PUMP CMT PLUG FROM 1200'-1000', 30BBL H2O SPACER, 100 SKS(23.5BBL)OF THIXSO CMT, 1.32 YIELD, 6.11 GAL/SK, DISPLACE W/ 16.9 BBL H2O, TOOH TO 375' AND BREAK CIRCULATION, SEND SAPP SWEEPS AND CONDITION MUD, ETOCMT 1000'</p> <p>MONITOR WELL FOR 45 MINS FOR MIGRATION, NO MIGRATION SEEN</p> <p>PUMP CMT PLUG FROM 375'-0', 30BBL H2O SPACER, 410 SKS (84BBL)OF G CMT, 1.15 YIELD, 5.0 GAL/SK, TOOH AND TOP OFF WELL, 25 SKS(5BBL)OF G CMT, 1.15 YIELD, 5.0 GAL/SK</p>	
10.0	10/16/2023	10/16/2023	KING RANCH 01 WAS CUT AND CAPPED ON 10/16/2023.	