

Well Name: **BUCKLEY-STATE 16-16**

API # 0500506554	Surface Legal Location SESE Sec 16-T4S-R65W	Field Name	Permit Number	State CO	Well Configuration Type
Ground Elevation (ft)	Casing Flange Elevation (ft)	Orig KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	Spud Date	Final Rig Release Date

**Job: Abandon Well / Re-Entry , 1/12/2022 09:30, <afenumbercalc>**

Job Category Abandon	Primary Job Type Abandon Well	Secondary Job Type Re-Entry
Start Date 1/12/2022	End Date 1/24/2022	

Objective

Post-Job Summary

Rpt #	Start Date	End Date	24 Hr Summary	Remarks
1.0	1/12/2022	1/13/2022	AOL, WELD SLIP COLLAR ON 8-5/8 SURFACE CSG, WELD 5' 8-5/8 CSG SUB TO COLLAR, INSTALL 8-5/8 X 10-3/4 SURFACE HEAD, STAGE RIG AND EQUIPMENT ON GRANDE NORTH PAD	
2.0	1/13/2022	1/14/2022	AOL, SAFETY MEETING, SPOT SWABBCO RIG 15 AND EQUIPMENT, RU SWABBCO 15, NU BOPE, 10-3/4 3K FLANGE, 9" 3K MUD CROSS W/ 2 PORTS, 9" 3K DOUBLE GATE (2-7/8 PIPE RAMS/BLIND RAMS), 9" 3K ANNULAR BAG, WASHINGTON HEAD, RU WORK FLOOR, HANG POWER SWIVEL AND STATIC LINES, SPOT PIPE WRANGLER & RACKS, CREW CHANGE, CREW TRAVEL, JSA AND SAFETY MEETING, SHELL TEST STACK/GOOD TEST, P/U 1ST 4 3/4 DRILL COLLAR, DRILLED 18' OF CEMENT FELL THRU, RAN REMAINING 4 COLLARS, WASH/CIRC DOWN, TOTAL OF 5 COLLARS, M/U X OVER, 3 1/2 IF TO 2 7/8 PT28, RN NIPPLE, 1 JT OF 2 7/8 DRILL PIPE, DEPTH OF 176', 8 5/8 SURFACE BELL COUPLER BROKE A WELD AND LEAKING FLUID SIGNIFICANTLY WHILE CIRCULATING, SHUT DOWN, WAITING ON A WELDER.....	FLUID TOTALS 258 JTS OF 2-7/8 P TECH TBG MUD 10PPG-190 BBL BIO WATER-130 BBL WAIT ON KLX FOR FLOAT IN BIT SUB, AND ROLLERS FOR STIFF ARMS- FROM 15:00 TO 18:30
3.0	1/14/2022	1/15/2022	CREW CHANGE, SAFETY MEETING, DIG AND CLEAN OUT AROUND SURFACE CSG, WAIT ON WELDER, CLEANED OUT 2', PUMP DOWN TBG TO FIND LEAK, LEAKING FROM BELOW SLIP COLLAR, DIG AND CLEAN AROUND SURFACE CSG, FLUID STARTING TO DRAIN INTO HOLE, PICK UP 1 JT TO TAG TOC, NO TAG 202', LD DRILL PIPE & COLLARS, WAIT ON TBG & CMT CREW, TIH W/ MULE SHOE, 6 JTS OF 2-7/8 EU TBG, 200' EOT-EST TOC 148.6', 6' SUB, PUMP 5 BBL H2O, 11 SXS OF SWABBCO THIXSO CMT-3.18 BBL(MIXED @ 14.5 PPG, 1.64 YIELD, 8.26 GAL/SK) 0.75 BBL DISPLACEMENT, LD 2 JTS, REVERSE CIRC WELL W/ 5 BBL, TOOH W/ 4 JTS 2-7/8 EU TBG, WAIT ON CMT, SHIFT CHANGE CREW TRAVEL, JSA AND SAFETY MEETING, WOC TO SET UP, RIH TAGGED TOC @175', POOH, M/U 8 5/8 PACKER, RBIH, ISOLATED SURFACE CASING LEAK BETWEEN 5' AND 10' BELOW GROUND LEVEL, RIG DOWN, MOVED ALL EQUIP OUT OF THE WAY, WAIT ON ROUSTABOUTS TO DIG OUT AROUND WELLHEAD.....	
4.0	1/15/2022	1/16/2022	AOL, SAFETY MEETING, WAIT ON ROUSTABOUTS TO DIG OUT AROUND WELLHEAD, EXCAVATE AROUND SURFACE CSG, LOCATED HOLE @ 10', ND BOP, CUT CSG, WELD 8-5/8 SLIP COLLAR, WELD 8-5/8 24# 12' SUB, INSTALL 8-5/8 WELL HEAD, NU 9" 3K FLOW CROSS W/ 9" 3K DOUBLE GATE, CREW CHANGE CREW TRAVEL, JSA AND SAFETY MEETING, PRESSURE TEST SURFACE CASING REPAIR TO 500PSI/10MIN, GOOD TEST, BACKFILL AROUND WELLHEAD, RIG UP, SPOT IN EQUIP, M/U BHA, 7 7/8 ROCK BIT/BIT SUB, P/U 5 - 4 3/4 DRILL COLLARS, X OVER 3 1/2 IF TO 2 7/8 PTECH DRILL PIPE, TAGGED TOC AT 175', DRILLED OUT TO 210', CREW CHANGE.....	
5.0	1/16/2022	1/17/2022	SAFETY MEETING, CREW CHANGE, CON'T TO DRILL OUT AT SHOE, PUMPING 2.9 BPM, FULL RETURNS, THRU SHOE PLUG @ 215', CIRC CLEAN, PULL UP INTO SURFACE CSG, RIG IN TRASH PUMP, CON'T TO WASH DOWN, W/ BHA & 8 JTS IN HOLE CHANGE TONGS, CON'T WASHING DOWN, @ 853' W/ 23 JTS, TAG OBSTRUCTION, DRILLED 1' FELL THRU, CONTINUE WASHING DOWN, W/ 38 JTS IN HOLE-1347.03' EOT, PUMP BOTTOMS UP, MUD WEIGHT 10 PPG, CON'T TO WASH DOWN, 40 JTS IN HOLE-1409.77' EOT, CREW CHANGE  CREW TRAVEL, JSA AND SAFETY MEETING, CONT DRILLING OUT ON JT#41, TAGGED TOC ON JT# 58, DEPTH OF 1925' DRILLED OUT 50' OF CEMENT, SLOW DIGGING ON JTS 66 THRU 69, DRILLED OUT THRU JT# 82 DEPTH OF 2725', ROLLED HOLE CLEAN, CREW CHANGE	RMOR TBG TONGS LEAKING HYDRO FLUID, CHANGE TONGS, BACK UP NOT BITING-407.3' EOT (5 COLLARS & 8 JTS IN HOLE) 09:30-11:00, 1.5 HR DOWN TIME RMOR, RMOR GETTING DIFFERENT BACK UP DIES

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6.0	1/17/2022	1/18/2022	<p>SAFETY MEETING, CREW CHANGE, WASHING JT 82-2725.01', CON'T TO DRILL ON OBSTRUCTION, TAG 10' IN ON JT 83-2735', SLOW DRILLING, FELL THRU OBSTRUCTION @ 2812' (10' OUT ON JT 85), CON'T WASHING DOWN, TAGGED OBSTRUCTION @ 2842' (12' OUT ON JT 86), SLOW DRILLING, INCREASE WOB TO 2.5K, FELL THRU @ 3095', WASH DOWN TO 110 JTS-3573.65', INSTALL R NIPPLE, CIRC CLEAN, CON'T WASHING DOWN, 115 JTS IN HOLE-3762.70' EOT, CIRC WELL CLEAN, CON'T WASHING DOWN, W/ 126 JTS IN HOLE-4108', CIRC HOLE CLEAN, CON'T TO WASH DOWN, 130 JTS IN HOLE-4234.53', CREW CHANGE</p> <p>CREW TRAVEL, JSA AND SEFETY MEETING, CONTINUE DRILLING OUT ON JT# 130, DRILLED OUT TO JT# 186 DEPTH OF 5988', SIGNIFICANT GAS IN RETURNS, SHUT IN WELL, WEIGHTED UP MUD TO 11.4, SHUT IN PRESSURE WAS 300 PSI, CONTINUE ROLLING IN HEAVIER MUD, CREW CHANGE</p>	
7.0	1/18/2022	1/19/2022	<p>CREW CHANGE, SAFETY MEETING, 186 JTS IN HOLE-5988' EOT, START TO CIRCULATE WELL BORE, RETURN GAS CUT MUD IN RETURNS, GETTING PIT GAIN, MUD WEIGHT 10.4 PPG, SHUT HAUL MUD TO DISPOSAL, HAVE 11.5 PPG MUD BROUGHT IN, CHANGE VALVE SPRINGS IN PUMP, START PUMPING, 3 BPM W/ 350 PSI TOOK 8 BBL TO LOAD HOLE, CIRC 1 HOLE VOLUME 352 BBL, RETURNED MUD WEIGHT 10.7 PPG, CON'T TO CIRC. WELL, GETTING GAS IN RETURNS, CON'T TO CIRC WELL AND CONDITION HOLE CREW CHANGE</p> <p>CREW TRAVEL, JSA AND SAFETY MEETING, CONT TO CIRCULATE WELL WHILE INCREASING MUD WAIT TO 11 + PPG, ONCE WELL BORE ACHIEVED BBL IN BBL OUT 11# MUD WE PROCEEDED TO CONT DRILLING STARTING ON JT# 187, DRILLED DOWN TO JT# 210 DEPTH OF 6742', CONSISTENT 11# MUD, NO PIT LOSS, NO GAS, CIRCULATING WELL THRU CREW CHANGE.....</p>	HAD 150 BBL OF MUD HAULED OFF, BROUGHT 150 BBL OF 11.5 PPG MUD IN, HAVE 190 PRE-MIXED AT DRILLING RIG
8.0	1/19/2022	1/20/2022	<p>AOL, SAFETY MEETING, CREW CHANGE, CON'T TO CIRC WELL, INSPECT RIG &amp; EQUIPMENT, SWAP PUMPS, RETURN MUD WEIGHT 11.4 PPG, CHANGE WASHINGTON RUBBER, CON'T WASHING DOWN W/ JT 211-6774.26' EOT, STARTING TO GET GAS CUT MUD, RETURN MUD WEIGHT 10.5 PPG, CIRCULATE WELL, PUMPING 11.6 PPG MUD, RETURNING 9.6 PPG MUD, POWER SWIVEL DOWN (SEE REMARKS), RETURN WEIGHT 10.6 PPG, BOTH PUMPS DOWN (SEE REMARKS), PUMP REPACKED 12:00, 11.3 PPG MW IN, 10.7 PPG MW OUT, NO FLUID GAIN OR LOSS, PS FIXED @ 13:20, CLEAN MUD RETURNS AT 10.9 PPG, CON'T WASHING DOWN, TO 220 JTS-7058' EOT, CIRC WELL, WASH DOWN TO 232' JTS-77433' EOT, CIRC WELL, CON'T WASH DOWN W/241 JTS-7716' EOT, TD WELL, START CIRC WELL, RETURNING SOME GAS AND OIL</p> <p>CREW TRAVEL, JSA AND SAFETY MEETING, CONTINUE CIRCULATING WELL UNTIL NO GAS PRESENT IN RETURNS, MUD WEIGHT AT 10.9PPG, 30 MIN FLOWCHECK, WELL IS STATIC, POOH LAYING DOWN 2 7/8 WORKSTRING, CONTINUOUSLY FILLING BACKSIDE WHILE POOH, LAYED DOWN 100 JTS, CREW CHANGE...</p>	09:30 SWABBCO RIG DROPPED BLOCKS 2', BROKE HYDRAULIC FITTING ON POWER SWIVEL, WAIT ON KLX MECHANIC-OR REPLACE POWER SWIVEL SWABBCO PUMP WENT DOWN, MECH ON LOCATION TO CHANGE TURBO, 11:40 PUMP 2 BLEW OUT TRIPLEX PACKING, PUMP BACK UP 12:00, SWIVEL FIXED AT 13:20, 3HRS 50 MIN DOWN TIME-DUE TO SWABBCO
9.0	1/20/2022	1/21/2022	<p>AOL, SAFETY MEETING, CON'T TO LD 2-7/8 DRILL PIPE, W/ 118 JTS IN HOLE-3825' EOT, ENSIGN TBG TONGS BROKE HYDRAULIC LINE, INSTALL TIW, WAIT ON RMOR, RU RMOR TBG TONGS, 5 HRS DOWN TIME, CON'T TO LD DRILL PIPE, FILLING CSG WHILE TOO, W/ 60 JTS IN HOLE STARTED PULLING TIGHT WORK 15-24K, LD TO JT 56, W/ JT 55 IN HOLE (2036'-1880') RU POWER SWIVEL, PUMPING 2.8 BPM, SWIVEL OUT AND BACK REAM HOLE, CREW CHANGE</p> <p>CREW TRAVEL, JSA AND SAFETY MEETING, CONT POOH LAYING DOWN WORKSTRING/COLLARS/BHA, TOOK 3 HRS TO GET THRU TIGHT SPOT FROM 1315' TO 1300', CHANGE OVER TO P/U AND RIH WITH 2 7/8 EUE, RACK, TALLY AND DRIFT 2 7/8 EUE TBG, CREW CHANGE.....</p>	07:20 TBG TONGS BROKE, 11:50 TBG TONG ARRIVED ON LOCATION 12:30 STARTING TO LD DRILL PIPE 5 HRS OF DOWN TIME 120 BBL OF 11.2 PPG MUD DELIVERED TO LOCATION, SURFACE TOTAL 195 BBL

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10.0	1/21/2022	1/22/2022	<p>AOL, SAFETY MEETING, LOAD DRILL PIPE ON TRAILERS, LOAD 2-7/8 6.5 J55 TBG ON PIPE RACKS, PREP TO TIH, MAKE UP 2-7/8 NOTCH COLLAR, 1 JT OF 2-7/8 EUE J55 6.5 LBS/ FT TBG, 2-7/8 XN NIPPLE 2.313", TIH W/ 2-7/8 EUE J55 6.5 LBS/ FT TBG, TAG OBSTRUCTION W/ JT 31-965.73' EOT, CIRC WELL, CON'T TO TIH W/ TBG, 91 JTS-2846' EOT, CIRC WELL, GETTING GAS, OIL, AND SHALE IN RETURNS, PUMPED 270 BBL TOTAL, CON'T TO TIH, SPOT SUMMIT SLICK LINE, CON'T TO TIH, 247 JTS &amp; 4' SUB-7703.37' EOT, XN NIPPLE @ 7672.49', INSTALL 2-7/8 TIW VALVE AND KELLY HOSE, CREW CHANGE</p> <p>CREW TRAVEL, JSA AND SAFETY MEETING, 247 JTS +4' SUB IN THE HOLE DEPTH OF 7703', EST CIRC, PUMPED 90 BBLS TO FLUSH TBG, R/U SLICKLINE RIH, LOGGED GYRO FROM 7600', R/D SLICKLINE, L/D 4' SUB AND 1 JT, EOT @ 7658', EST CIRC ROLLED VOLUME TO VACATE ALL GAS, R/U CEMENTERS, JSA, TAILGATE OVER JOB SCOPE, PRESSURE TEST PUMP LINES, PUMPED 10BBLS FW AHEAD OF 250 SKS OF THERMAL 15.8# 1.52 SK YLD, FROM 7658' TO 6700', DISP 1 BBL FW THEN DISPLACED/BALANCED PLUG WITH 36BBLS OF 10.9 MUD, MAINTAINED CIRCULATION WHILE PUMPING BALANCE PLUG, L/D 30 JTS EST CIRC ROLLED VOLUME, WOC 4HRS, MONITORED FOR MIGRATION/WELL IS STATIC..... CREW CHANGE</p>	
11.0	1/22/2022	1/23/2022	<p>AOL, SAFETY MEETING, CREW CHANGE, LD 42 JTS OF 2-7/8 EUE TBG, FILLING WHILE TRIPPING OUT, 5430.84' EOT, CIRC WELL, SAFETY MEETING W/ CMT CREW, ATTEMPT TO PUMP DOWN TBG, PSI UP 1700 PSI W/ CMT PUMP, HOOK UP RIG PUMP, START TO PUMP, SHUT TIW VALVE, RIG MANIFOLD WASHED OUT, W/ CMT PUMP PSI UP TO 2000 PSI ON TBG, RELEASE PSI, LOAD HOLE W/ CMT PUMP, TOO H W/ 2-7/8 TBG, PUMP DOWN SURFACE CSG WHILE TOO H, THICK MUD IN STAND BACK 104 JTS CLEARED TBG, LD 70 JTS PLUGGED W/ CMT-2188' CMT UP TBG, MAKE UP 2-7/8 NOTCH COLLAR, 2-7/8 XN NIPPLE, START IN HOLE W/ 2-7/8 6.5# TBG</p> <p>CREW TRAVEL, JSA AND SAFETY MEETING, M/U NC ON JT#1, TIH 104 JTS, P/U 69 SINGLES, TOTAL OF 174 JTS, EOT @ 5423', EST CIRC ROLLED 120 BBLS, AFTER SHUTTING DOWN PUMPS MONITORED WELL/ WELL IS STATIC, R/U CEMENTERS, JSA AND TAILGATE OVER JOB TASK, PUMPED 10BBLS FW AHEAD OF 90 SKS OF THIXO 15.6# 1.52SK YLD, FROM 5423' TO 5192' DISPLACED/BALANCED WITH 1 BBL FW AND 28 BLLS OF MUD.MAINTAINED CIRCULATION THROUGHOUT DURATION OF PUMPING PLUG/DISP, PULL UP TO NEXT PLUG AT 3055' HAD ISSUES WITH MUD REACTING WITH RESIDUAL CEMENT, MULTIPLE ATTEMPTS TO CLEAR COAGULATED MUD FROM TBG, LAYED DOWN 76 JTS LEAVING 98 JTS IN THE HOLE, EOT @ 3055' EST CIRC ROLLED VOLUME, SHUT DOWN PUMP AND MONITORED WELL/WELL IS STATIC, R/U CEMENTERS, PUMPED 12BBLS FW AHEAD OF 200 SKS OF THIXO 14.5# 1.50 SK YLD FROM 3055' UP TO 2394', DISP/BALANCED WITH 4 BBLS FW AND 9 BBLS OF MUD, MAINTAINED GOOD CIRCULATION THE DURATION OF PUMPING/DISP PLUG, LAYED DOWN 28 JTS LEAVING 70 JTS, EOT @ 2192', EST CIRC, CREW CHANGE.....</p>	

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12.0	1/23/2022	1/24/2022	<p>AOL, SAFETY MEETING, CREW CHANGE, CIRC WELL, GETTING ENTER FACED MUD IN RETURNS, SHUT DOWN DUE TO MUD SYSTEM, 2188.71' EOT, TOOH, OUT OF HOLE, WAIT ON NEW MUD AND TO CLEAN TANKS, RD POWER SWIVEL, LOAD COLLARS ON TRAILER, RECIEVE CITRIC ACID &amp; SODIUM BICARONATE TO BRAKE DOWN MUD, THIN MUD IN TANK, CLEAR PUMP AND LINES, BOTTOM OUT WORK TANK, HAUL FRESH MUD IN, TIH W/ 6 JTS, CIRC WELL 198' EOT, RETURNED HEAVY MUD, 12JTS 373' EOT, CIRC WELL, RETURNED HEAVY MUD, 18 JTS-561' EOT, CIRC WELL-RETURNED HEAVY MUD, 22 JTS-749' EOT, CIRC WELL, 42 JTS-1311' EOT, CIRC WELL</p> <p>CREW TRAVEL, JSA AND SAFETY MEETING, RIH W 70 JTS OF 2 7/8 TBG, EOT 2192', EST CIRC, ROLLED VOLUME, SHUT DOWN PUMP MONITORED WELL, NO MIGRATION/WELL IS STATIC, R/U CEMENTERS, TAILGATE GATE OVER JOB SCOPE, PRESSURE TEST LINES, PUMPED 20 BBLs FW AHEAD OF 350 SKS OF G 15.8# WITH 2% CC, FROM 2192' UP TO 1280' DISP/BALANCED WITH 3.5 BBLs FW AND 4 BBLs MUD, MAINTAINED GOOD CIRC THE ENTIRE TIME WHILE PUMPING PLUG, POOH,WOC 4HRS, R/BIH TAGGED CEMENT AT 780', EST CIRC, ROLLED VOLUME 1X, SHUT DOWN PUMP, MONITORED WELL, NO MIGRATION/WELL IS STATIC, LAYED DOWN TBG, LEAVING 10 JTS IN THE WELL, EOT 312' R/U CEMENTERS, PUMPED 108 SKS OF G 15.8# W 2% CC, FROM 312' TO SURFACE, L/D 10 JTS, TOPPED OF WELL TO SURFACE.....CREW CHANGE</p>	
13.0	1/24/2022	1/25/2022	<p>AOL, SAFETY MEETING, CREW CHANGE, RIG DOWN SWABBCO RIG 15, CLEAN TANKS, CLEAN LOCATION</p>	<p>RETURNED 248 JTS OF 2-7/8 6.5#, 70 JTS-CMT UP TBG, 2 BAD JTS, 10 JTS 2-7/8 SLIM HOLE COLLAR TBG</p>