



## Well History

Well Name: Fred Hoffner 1

API 05123053770000		Surface Legal Location NWNE 14 7N 66W		Field Name Wildcat		State CO		Well Configuration Type Horizontal					
Ground Elevation (ft)		Original KB Elevation (ft)		KB-Ground Distance (ft)		Spud Date		Rig Release Date		On Production Date		Abandon Date 6/19/2021	

### Job

#### Drilling - original, 10/21/1963 00:00

Job Category Drilling	Primary Job Type Drilling - original	Start Date 10/21/1963	End Date 11/15/1963	Objective
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#### Daily Operations

Start Date	Summary	End Date

#### Abandon Zone, 11/16/1963 00:00

Job Category Abandon	Primary Job Type Abandon Zone	Start Date 11/16/1963	End Date	Objective
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#### Daily Operations

Start Date	Summary	End Date

#### WBI - Abandon Well PDC, 6/16/2021 06:00

Job Category Abandon	Primary Job Type WBI - Abandon Well PDC	Start Date 6/16/2021	End Date 6/19/2021	Objective Re-enter to P&A
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#### Daily Operations

Start Date	Summary	End Date
6/16/2021	ATP stubbed up 8-5/8" casing above ground and installed 8-5/8" wellhead and valves prior to rig move in. Lay down containment. MIRU Ensign rig 350 and related equipment. Held safety meeting. 0 pressure on well. NU STS 11" 3k adapter flange to 8-5/8" wellhead. NU RMOR 11" x 9" spool, 9" flow cross with 2" and 3" flanges, 9" 3k BOP with blind and 2-7/8" pipe ram and 9" annular BOP with bird bath and Washington head. RMOR torqued all flanges and test pipe rams to 250 psi low and 1500 psi high. Test annular BOP to 250 psi low and 1500 psi high. Good test. All American lay 3" hardline and RU separator and incinerator. RU pipe wrangler. Lay out and tally Blueprint 2-7/8" 7.9# P-110 PH6 workstring. RU power swivel. P/u STS 7 7/8" blade bit and bit sub, x-over, 3 1/8" mud motor, x over, and 1- 3 1/2" drill collar. Tagged cement at surface. R/u rig pump and established circulation and 1 bbl/min rate at 800 psi. Drilled through surface cement at 48'. Continuing to trip in with collars to tag shoe plug at 288'. Test surface casing to 1000 psi. Held good. Bled off pressure. Drilled shoe plug for 2 hours to fall thru at 456' with 6 jnts and BHA. Washed and reamed to 1050' with 25 jnts and BHA pumping 3 bpm at 700 psi. Very heavy sand returns. Had multiple light tags down to 2134' with 60 jnts and BHA. Rolled hole clean. Heavy mud returns. Equalizing valve on mud tank plugged off. Vac truck transferred mud over and worked valve clean. Had hard tag and high torque at 2319'. Pumped 5 bbl SAPP sweep. Heavy returns. Continued to 3063' with 90 jnts and BHA. Rolled hole clean pumping 3 bpm at 1000 psi.	6/17/2021
6/17/2021	Crew to location Held safety meeting, rolled hole for an additional 2 hours while mechanic worked on centrifugal on rig pump, and shaker motor. Once fixed we continued drilling from jth 90 @ 3063' down to Jt 220 all in @ 7099'. Pumping 3 bbls/min rate @ 500-1000 psi throughout the job stopping every 30 jts and rolling the hole clean. Lots of cutting in returns with small traces of gas. Rolled on bottom for 2 hours until clean. R/d power swivel and tripped out to the derrick w/ 220 jts workstring, L/d all drill collars and BHA. PU mule shoe and RIH with 20 jnts of 2-7/8" PH6 tbng. Stacked out at 625'. Worked tbng down to 640'. Unable to make hole. RU tbng swivel on jnt 21. Broke circulation and washed down 5' to 645'. Unable to make hole. LD tbng swivel and RU power swivel. Drilled thru obstruction and fell thru at 670'. Swivel in 5 more jnts to 810'. Rolled hole pumping 3 bpm at 400 psi. Heavy sand and cuttings in returns. Took 1 hour to clean up returns. RD swivel. RIH from derrick with tbng. Stacked out at 2230' with 72 jnts. Worked thru and continued RIH to 7050' with 227 jnts. MIRU Magnum cementers. Held safety meeting. Test pump and lines to 2000 psi. Established circulation with 5 bbls fresh water. Mixed and pumped 345 sks of Class G 15.8# cement in a 70 bbl slurry. Displaced 30 bbls fresh water to balance plug. LD 53 jnts leaving EOT at 5402' with 174 jnts. Circulating hole 2 bpm while waiting to tag plug at shift change.	6/18/2021
6/18/2021	Crew to location. Held safety meeting. P/u RIH to tag w/ 211 jts @ 6550'. POOH L/d on racks w/ 98 jts workstring leaving 113 in the hole @ 3508'. R/u cementers. Pumped 12 bbls fresh ahead to establish circulation. Mixed up and pumped 307 sacks ( 70 bbls ) 14.1 PPG type 3 cement from 3508' to 3000'. Good circulation throughout entire job at 3 bbl/min rate. Displaced w/ 12 bbls fresh water to balance plug. R/d cementers. POOH L/d on racks w/ 56 jts workstring leaving 57 in the hole @ 1770'. R/u cementers. Pumped 10 bbls fresh water ahead to establish circulation. Mixed up and pumped 123 sacks ( 28 bbls ) 14.1 PPG type 3 cement from 1770' to 1570'. Good circulation throughout the entire job at 3 bbl/min rate. Displaced w/ 7 bbls fresh to balance plug. R/d Cementers. POOH L/d on racks w/ 20 jts workstring. R/u rig pump, established circulation and rolled hole for 4 hours while waiting on cement to cure. Killed pump balanced well. P/u RIH w/ 13 jts to tag @ Jt 50 15' in @ 1537'. POOH L/d on racks w/ 27 jts leaving 23 in the hole @ 730'. R/u cementers, established circulation, mixed up and pumped 219 sacks ( 50 bbls ) 14.1 ppg type 3 cement from 730' to surface. Good circulation throughout the entire job at 3 bbl/min rate. Returned 8 bbls to the tank. R/d cementers. POOH L/d on racks w/ 23 jts tbng. Topped off w/ 3 bbls for a total of 232 sacks ( 53 bbls ). N/d bops and cleaned equipment and lines. RDMO  Well to be cut and capped after 5 days per COGCC	6/19/2021