Well History

Well Name: Rotharmel 12-32

API	Surface Legal Location	Field Name	State	Well Configuration Type
05123273710000	SWNW 32 7N 66W	Eaton	CO	Vertical

Ground Elevation (ft)	Original KB Elevation (ft)	KB-Ground Distance (ft)	Spud Date	Rig Release Date	On Production Date	Abandon Date
4,870.00	4,880.00	10.00	11/5/2006 00:00	11/8/2006 00:00	2/13/2007	3/23/2020

Daily Operations

Start Date	Summary	End Date
3/5/2016	Core Tech RIH w/1.75" blind box and tagged standing valve @ 7307. Dropped slide and sleeve bypass plunger. RIH w/ 2" JDC and set 2 stage @ 4384' Dropped new TWNG and PCS AS. RDMO.	3/5/2016

Wireline, 5/31/2017 12:00

Job Category	Primary Job Type	Start Date	End Date	Objective
Other	Wireline	5/31/2017	5/31/2017	REBUILD 2 STAGE

Daily Operations

Start Date	Summary	End Date
5/31/2017	Coretech RU, Dropped new bypass plgr. RIH w/ 2" JDC to set 2 stage @ 4404'. Dropped new TWNG and plgr. RDMO	5/31/2017

Swab, 5/15/2018 13:00

Job Category	Primary Job Type	Start Date	End Date	Objective
LOE	Swab	5/15/2018	5/16/2018	SWAB

Daily Operations

Start Date	Summary	End Date
5/15/2018	ITPBLOW/FTPVAC IFL3900 ICP20/FCP20 FFL3900 2RUNS/7BBLS 7 WATER	5/15/2018
5/16/2018	ITPBLOW/FTP30 IFL3900 ICPVAC/FCP30 FFL6100 11RUNS/48BBLS 2 OIL SWABBED/46 WATER	5/16/2018

WBI - Abandon Well Other Operator, 3/19/2020 18:00

Job Category	Primary Job Type	Start Date	End Date	Objective
Abandon	WBI - Abandon Well Other Operator	3/19/2020	3/23/2020	

Daily Operations

Start Date	Summary	End Date
3/19/2020	MIRU ENSIGN RIG 312 HELD SAFETY MEETING R/U RIG PUMP,TANK CHECK PRESS 400 PSI TUBING, 200 PSI CASING, 0 PSI SURFACE CASING BLOW DOWN WELL TO FLAT TANK LOAD TUBING AND CASING WITH 130BBL FRESH WATER CIRCULATE WELL CLEAN FOR 1 HOUR FUNCTION TEST BOP TEST GOOD. N/D WELLHEAD TREE, MASTER VALVE N/U BOP UNLAND TUBING HANGER FROM 3K WELLHEAD. TOTH TALLYING OUT TO DERRICK WITH 48JOINTS, L/D 177 JOINTS TO TRAILER KEEPING HOLE LOADED MIRU SUREFIRE WIRELINE P/U STS 4 ½" 10K CIBP RIH CORRULATED WITH LOGS AND SET 1ST CIBP @ 7289' (50' ABOVE TOP OF CODELL) DUMP 2SXS CEMENT ON TOP OF CIBP RIH WITH 2ND STS 10K CIBP CORRULATED WITH LOG SET CIBP @ 6960' DUMP 2SXS CEMENT ON TOP OF CIBP LOAD CASING PRESS TEST CASING TO 1100 PSI GOOD TEST. P/U 3RD CIBP RIH CORRULATED WITH LOG AND SET @ 2500' P/U CBL BOND LOG TOOLS RUN CBL FROM 1100' TO SURF LOG GOOD RIH 4 ½" JET CUTTER CUT 4 ½" 11.6# CASING @ 1018' R/D WIRELINE SWI CREW TRAVELED HOME	3/19/2020
3/23/2020	CREW TRAVELED TO LOCATION HELD SAFETY MEETING CHECK PRESSURE IWP WELL WAS STATIC FUNCTION TEST BOP TEST GOOD N/D BOP UNLAND CASING FROM SLIPS N/U BOP L/D 23 JOINTS 4 ½" 10.5# CASING TO TRAILER SWAP EQUIPMENT TO 2 3/8" TUBING RIH FROM DERRICK WITH 47 JOINTS 2 3/8" 4.7# J-55 TUBING TO 1530' 512' INSIDE CASING STUB CUT OFF @ 1018' R/U PUMP CONDITION HOLE FOR 3 HOURS CLEAN RETURNED LIGHT MUD TO SURFACE R/D PUMP MIRU NEXTIER CEMENTERS HELD SAFETY MEETING ESTABLISH CIRCULATION WITH CEMENTERS MIX/PUMP 153SXS 14.8# TYPE III CEMENT FROM 1530'-818' DISPLACE WITH 3.1BBL FRESH WATER TO BALANCE OUT PLUG R/D CEMENTERS L/D 31 JOINTS 2 3/8" TUBING TO TRAILER LEAVING 16 JOINTS IN @ 520' R/U CEMENTERS BREAK CIRCULATION WITH 1.5BBL MIX/PUMP 140SXS 14.8# TYPE III CEMENT FROM 520'-SURF R/D CEMENTERS L/D 16 JOINTS TO TRAILER TIE CEMENTERS ONTO BACKIDE AND TOP OFF CEMENT TO SURFACE WITH 17SXS 14.8# TYPE III CEMENT N/D BOP N/D 8 5/8 SPOOL INSTALLED 8 5/8 CAP SHUT IN WELL R/D RIG DUG UP WELLHEAD 6' BELOW GROUND CUT AND CAPPED WELLHEAD WELDED MARKER PLATE TURNED WELL OVER TO CONSTRUCTION DEPARTMENT ** 23 JOINTS 4 ½" 11.6# CASING NEEDS FMTD FROM WELL TO KARST ** 225 JOINTS 2 3/8" 4.7# J-55 EUE TUBING NEED FMTD FROM WELL TO KARST ****FINAL REPORT*****	3/23/2020