Well History

Well Name: Wells Ranch 44-22

API	Surface Legal Location	Field Name	State	Well Configuration Type
05123273130000	SESE 22 6N 63W	Wattenberg	CO	Vertical

Ground Elevation (ft)	Original KB Elevation (ft)	KB-Ground Distance (ft)	Spud Date	Rig Release Date	On Production Date	Abandon Date
4,780.00	4,790.00	10.00	1/15/2007 00:00	1/19/2007 00:00	3/21/2007	

Daily Operations

Start Date	Summary	End Date
4/19/2016	MIRU BAYOU RIG #3 IWP TBG- 400 PSI, CSG- 0 PSI, SURFACE CSG- 0 PSI. HELD SAFETY MEETING AND FUNCTION TESTED BOPS. OPENED WELL TO FLAT TANK. R/U RIG PUMP, LOADED TBG AND BACKSIDE, ESTABLISHED CIRCULATION AND ROLLED HOLE CLEAN. N/D WELL HEAD TREE AND N/U BOPS. P/U RIH 6 TAG JTS AND TAGGED @ 180' BELOW EOT @ 6995' KB, LEAVING 162' RAT HOLE. NO C/O NECESSARY. POOH L/D TAG JTS AND PUP JOINTS. TALLY OUT TO DERRICK 213 JTS TBG. TBG LOOKED TO BE IN GOOD SHAPE. R/U PICK TESTING. P/U BLADE BIT AND CSG SCRAPER. TEST IN OUT OF DERRICK 213 JTS TBG TO 6500 PSI. ALL JTS TESTED GOOD. R/D PICK TESTING. POOH L/D ON GROUND 15 JTS TBG. LEFT HANG ABOVE THE PERFS FOR THE NIGHT. SWI, SDFD, CREW TO THE YARD.	4/19/2016
4/20/2016	CREW TO LOCATION WELL WAS DEAD THIS AM, OPENED WELL TO FLAT TANK. CONTINUED TO TOOH S/B IN DERRICK 198 JTS 2 3/8" TBG. L/D BIT AND SCRAPER. R/U CASED HOLE WIRELINE. P/U 4 1/2" CIBP. RIH AND SET CIBP @ 6628' KB (50' ABOVE TOP NIO PERFS). DUMP BAILED 2 SACKS OF CEMENT ON TOP OF CIBP. R/D CASED HOLE WIRELINE. P/O 2 3/8" SN, P/O BIT SUB, AND 3 3/4" CONE BIT. TIH OUT OF DERRICK 198 JTS TBG. N/D BOPS AND LANDED TBG AS FOLLOWS: KB- 10' 198 JTS 2 3/8" 4.70# J-55 8 RD TBG- 6339.50' 2 3/8" SN- 1.20' P/O BIT SUB AND CONE BIT- 2' TOTAL LANDED DEPTH= 6352.78' KB (276' ABOVE TOP OF CIBP). N/U TOP WELL HEAD FLANGE AND MASTER VALVE. R/U RIG PUMP, LOADED TBG AND BACKSIDE, ESTABLISHED CIRCULATION AND ROLLED HOLE CLEAN. PRESSURE TESTED CSG TO 2000 PSI AND HELD FOR 15 MIN. TESTED GOOD. RELEASED PRESSURE. R/U LUBRICATOR AND MADE 1 SWAB RUN TO 500'. MADE 1.910" BROACH RUN TO SN. R/D LUBRICATOR. SWI, RDMO, LEAVE PLUG IN THE HOLE FOR THE HORIZONTAL FRAC. NOTE THERE IS 15 GOOD JOINTS 2 3/8" TBG FMTD FROM WELL TO ATP YARD/PDC INVENTORY.	4/20/2016
9/21/2016	MIRU ENSIGN 339. SPOT IN EQUIPMENT. HELD SAFETY MEETING. RU RU PUMP AND TANK. ITP 0-PSI. ICP 0-PSI. ISCP 0-PSI. OPEN WELL. ND WH. NU BOPS. PU 2 JTS AND TAGGED CEMENT AT 6315' RU POWERSWIVEL. RU CIRCULATING EQUIPMENT. DRILL OUT CEMENT TO CIBP AT 6330' DRILL OUT CIBP AND PUSHED IT DOWN TO 6995' CIRCULATED WELL CLEAN. LD DRILL OUT JTS AND LAND WELL W/ 213 JTS AT 6816.62'. BROACHED TUBING TO SN'. ND BOPS. NU WH. DROP BALL AND PRESSURE TESTED TBG TO 1500# PSI. HOLD GOOD FOR 10 MINUTES. KEPT PUMPING DOWN AND POPPED OFF BIT SUB AT 2500# PSI. SWI. SDFN. CREW TO YARD LANDED TUBING AS FOLLOWS: KB 10.00' 213 JTS 2 3/8", 4.7#, J-55, 8RD TBG.= 6815.02' SNNC= 1.60 TOTAL LANDED DEPTH= 6816.62' KB. FMTD 15 JTS 2 3/8", 4.7#, J-55, 8RD TBG FROM PDC INVENTORY/ATP YARD TO WEL	9/21/2016
9/22/2016	CREW ON LOCATION. HELD SAFETY MEETING. ITP 1100-PSI. ICP 1100-PSI. ISCP 0-PSI. BLOW TBG TO FLAT TANK. FLOWED BACK 60 BBLS OF WATER. TBG PRESSURE BLED OFF TO 0-PSI. MADE 4 SWABB RENS AND WELL STARTED FLOWING OIL. SHUT WELL IN. SWI. RACK UP PUMPAND TANK. RDMO. CLEAN UP LOCATION AND MOVED OFF. IFT 1400' FFT SN' ITP 0-PSI. ICP 0-PSI MADE 4 RUNS AND RECOVERED 80 BBLS FLUID. FTP 200-PSI FCP 900-PSI.	9/22/2016

Swab, 10/10/2016 06:00

Job Category	Primary Job Type	Start Date	End Date	Objective
LOE	Swab	10/10/2016	10/14/2016	SWAB

Daily Operations

Start Date	Summary	End Date
10/10/2016	RU LVV STRT PSI 200/1000 SFL 200 15 RUNS MADE END PSI BLOW/800 RDMO 5 OIL 140 H2O RCVD	10/11/2016
10/13/2016	RU LVV STRT PSI BLOW/1400 SFL SURFACE 20 RUNS MADE END PSI BLOW/1000 SDFN 20 OIL 100 H2O RCVD	10/13/2016