



Well History

Well Name: Ochsner 19A

API 05123311530000	Surface Legal Location NENW 19 5N 63W	Field Name Wattenberg	State CO	Well Configuration Type Vertical
Ground Elevation (ft) 4,555.00	Original KB Elevation (ft) 9,124.00	KB-Ground Distance (ft) 4,569.00	Spud Date 5/14/2010 23:00	Rig Release Date 5/18/2010 10:15
On Production Date 8/2/2010		Abandon Date		

Daily Operations

Start Date	Summary	End Date
11/4/2010	SCP 225 psi open flowing to sales, SSCP 0 psi, MIRU Basic Energy Services Rig#1548, ND WH, tie well into FBT, open well and blow down to FBT, recovered 25 bbls total, control well w/80 bbls 2% Claytreat/Biocide water, ND frac valve, NU new Well Head Inc 3K mandrel style tbg head, NU BOP, CO Tubulars delivered out 252 jts new 2 3/8" 4.7# J-55 EUE 8rd tbg, PU new 2 3/8" standard sn/nc, TIH picking up tallying new 2 3/8" production tbg, tagged frac plug @6,524.54' KB and tools w/208 jts, RU to clean out, break circulation, drill out frac plug and push to sand fill below Codell @ 6,654.19' KB & tools w/212 jts, circulated down to PBTD @ 6,732.94' w/ KB and tools w/214 jts all the way in @ GL, rolled hole clean, LD 13 tag jts, RD power swivel and TOO H to derrick W/ 201 jts, lay down tools. PU 2 3/8" nc/sn and TIH w/ 201 jts PU tbg sub, ND BOP, land tbg in WH at 6,326.13' KB w/201 jts and 1-10' tbg sub(13.87" above top Niobrara perf, tubing will be re landed above Codell after production log testing is done), NU WH, dropped new PCS full port standing valve and chased to seatnipple w/1.901" broach, tubing broached good, isolate well, RD&MO to SLW #21-19 SDFN.	11/4/2010

Wellbore Integrity, 9/10/2015 06:00

Job Category Completion/Workover	Primary Job Type Wellbore Integrity	Start Date 9/10/2015	End Date	Objective Change out WH to 5K WH, Casing valves/ Array master valve.
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Daily Operations

Start Date	Summary	End Date
9/10/2015	MIRU Ensign 354. Spot in equipment. Held safety meeting. RU. RU Pump and tank. ITP 220-psi. ICP 300-psi. ISCP 0-psi. Blow down well to flat tank. Control well w/ 30 bbls kcl on tbg and 40 bbls kcl on Csg. ND WH. Change out wellhead to a new 5K WH, Casing and master valve. Land well. NU Top flange and Secure well. RU Lubricator and broach tubing to SN. Made 5 swabb runs and recovered 35 bbls fluid. and well kicked off. SWI, RD Lubricator. FTP blow. FTP 100-psi. Rack up pump and tank. RD MO. Clean up location. Move rig off location.	9/10/2015

Wellbore Integrity, 4/21/2016 06:00

Job Category Completion/Workover	Primary Job Type Wellbore Integrity	Start Date 4/21/2016	End Date	Objective SET PLUG ABOVE THE PERFS FOR WBI AHEAD OF THE HORIZONTAL FRAC
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Daily Operations

Start Date	Summary	End Date
4/21/2016	MIRU BAYOU RIG #3 IWP TBG- 700 PSI, CSG- 1000 PSI, SURFACE CSG- 0 PSI. HELD SAFETY MEETING AND FUNCTION TESTED BOPS. TOOK UNTIL 230 PM TO GET MOVED INTO LOCATION DUE TO MUDDY FIELD. OPENED WELL TO FLAT TANK AND CONTROLLED W/ FRESH W/ BIO. TALLY OUT TO DERRICK 208 JTS 2 3/8" TBG. TBG LOOKED TO BE IN GOOD SHAPE. L/D SN/NC. SWI, SDFD, CREW TO THE YARD.	4/21/2016
4/22/2016	CREW TO LOCATION IWP CSG- 100 PSI, SURFACE CSG- 0 PSI. OPENED WELL TO FLAT TANK AND CONTROLLED W/ FRESH W/ BIO. R/U PICK TESTING. P/U BIT AND SCRAPER. TEST IN OUT OF DERRICK 209 JTS TBG. ALL JTS TESTED GOOD TO 6500 PSI. R/D PICK TESTING. POOH L/D ON GROUND 18 JTS TBG AND TOO H S/B IN DERRICK 191 JTS TBG. L/D BIT AND SCRAPER. R/U CASD HOLE WIRELINE. P/U RIH W/ 4 1/2" CIBP AND SET @ 6290' KB (50' ABOVE TOP NIO PERFS). DUMP BAILED 2 SACKS OF CEMENT ON TOP OF CIBP. POOH AND R/D WIRELINE. P/U 3 3/4" CONE BIT, P/O BIT SUB AND SN. TIH OUT OF DERRICK 191 JTS TBG. N/D BOPS AND LANDED WELL AS FOLLOWS: KB- 10' 191 JTS 2 3/8" 4.70# J-55 8 RD TBG- 6005.63.' 2 3/8" SN- 1.20' P/O BIT SUB AND CONE BIT- 2' TOTAL LANDED DEPTH= 6018.83' KB (270' ABOVE CIBP). N/U TOP WELL HEAD FLANGE AND MASTER VALVE. R/U LUBRICATOR AND MADE 1 SWAB RUN TO 500' TO DISPLACE FLUID. MADE 1.910" BROACH RUN TO SN. SWI, RD MO, LEAVE PLUG IN THE HOLE FOR THE HORIZONTAL FRAC. NOTE FMTD 17 GOOD JOINTS 2 3/8" 4.70# J-55 8 RD TBG FROM WELL TO ATP YARD/ PDC INVENTORY.	4/22/2016
11/10/2016	NO PRESSURES, WELL WAS SHUT IN. MIRU BAYOU RIG 3, FUNCTION TESTED BOP, OPENED THE WELL, ND 5K TOP FLANGE AND MASTER VALVE, NU BOP, PU 9 JTS OF 2 3/8 FROM THE GROUND, PRESSURE TESTED BOP AND LINES UP TO 2500 PSI, NO LEAKS, RU POWER SWIVEL, TAGGED CEMENT AT 6289.02 WITH 200 JTS, DRILLED OUT CEMENT DOWN TO THE PLUG AT 6305.52 WITH 201 JTS, DRILLED OUT PLUG, CHASED DOWN TO 6703.78 WITH 213 JTS, COULDN'T MAKE ANY MORE HOLE, CIRCULATED THE HOLE CLEAN, RD POWER SWIVEL, LD 5 JTS, LANDED WELL AT6586.70 KB WITH 208 JTS, 2-10', 1-6' SUBS OF 2 3/8 J-55 4.7 AND NC/SN (14.30' ABOVE THE CODELL PERFS), RU SWAB LUBRICATOR, MADE A BROACH RUN DOWN TO SEAT NIPPLE, LD BROACH AND TBG STARTED FLOWING, DROPPED 1" BALL DOWN TBG, PUMPED 30 BBL DOWN TBG, NEVER PRESSURED UP, DROPPED 2" STANDING VALVE, PRESSURE TESTED TBG UP TO 2000 PSI, HELD GOOD FOR 15 MINUTES, ND BOP, INSTALLED 5K TOP FLANGE AND MASTER VALVE, FISHED OUT STANDING VALVE, DRAIN PUMP AND LINES, SD.	11/10/2016
11/11/2016	ITP 550 PSI, ICP 950 PSI, ISCP 0 PSI, BLEW DOWN WELL TO RIG TANK, TBG DIDN'T FLOW, RU SWAB LUBRICATOR, PU 2" SWAB CUPS, STARTED SWABBING, IFL AT SURFACE, MADE 4 SWAB RUNS AND GOT WELL FLOWING, LET IT FLOW FOR 1 HOUR, CLOSE WELL, RECOVERED 65 BBL, CASING PRESSURE DROPPED FROM 950 PSI DOWN TO 500 PSI, RACK PUMP AND LINES, SI AND SECURE WELL FOR THE NIGHT, SD.	11/11/2016