

Koch Exploration Co LLC Daily Drilling Report

Well:	WRD Fed 7-33	Date:	7/11/2016	Drilled to:	
County/ST:	Rioblanco Co.	Days:	1	Drilled from:	0
Location:	SW NE Sec. 33 T2N, R97W	Rig:	Conquest Well Service	Footage:	0
Elevation:		Supervisor:	Lapp		

BIT DATA							COST DATA (US\$)		
Bit #	Size	Make	Type	Serial #	Jets	Cond		Daily	Cumulative
	12 1/4						Location	\$800	\$800
							Rig move		\$
Bit #	In	Out	Feet	Hours	WOB	RPM	Rig	\$2,500	\$2,500
							Fuel		\$
							Camper		\$
PUMP DATA							BOPE	\$250	\$250
Pump #	Make	Model	Liner	SPM	Rate	Pressure	Bits		\$
							Air Equip		\$
							Equip rental	\$100	\$100
							Mud		\$
							Mud Logger		\$
SURVEY DATA							Trucking	\$2,000	\$2,000
Depth	Deviation	Direction	Depth	Deviation	Direction		Water		\$
							Labor	\$500	\$500
							Supervision		\$
							Core/DST		\$
MUD DATA							Logs		\$
Weight	Visc	YP	PV	Gels	WL	Cake	Cement		\$
							Fishing		\$
% Oil	% Water	% Solids	pH	Ca	Cl	LCM	Misc		\$
							Casing		\$
AIR DATA-DRILLING			GAS DATA-DRILLING				Tubing		\$
Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation	Rods		\$
							Wellhead		\$
							TOTAL	\$6,150	\$6,150

0 Grader to pull trucks

0 Roustabouts hook up flow lines

Fuel Usage

Rig Eng Type	Model	HP	Fuel Type	Gallons Used	Pump Eng Type	Model	HP	Gallons Used
Detroit	Series 60	575	Diesel		Detroit	Series 50/Diesel	380	
	Total Gals	Rig Eng	10	Pump Eng	0	Ttl Rig & Pump	10	

TIME DISTRIBUTION

[illegible]

BHA DATA:

OPERATION @ 6 AM:

REMARKS:

KOCH EXPLORATION CO LLC DAILY DRILLING REPORT

Well:	WRD Fed 7-33	Date:	7/12/2016	Drilled to:
County/ST:	Rioblanco Co.	Days:	2	Drilled from: 0
Location:	SW NE Sec. 33 T2N, R97W	Rig:	Conquest Well Service	Footage: 0
Elevation:	0	Supervisor:	Lapp	

BIT DATA							COST DATA (US\$)		
Bit #	Size	Make	Type	Serial #	Jets	Cond		Daily	Cumulative
							Location		\$800
							Rig move		\$0
Bit #	In	Out	Feet	Hours	WOB	RPM	Rig	\$2,900	\$5,400
							Fuel		\$0
							Camper		\$0
PUMP DATA							BOPE	\$250	\$500
Pump #	Make	Model	Liner	SPM	Rate	Pressure	Bits		\$0
0	0	0	0	0			Air Equip	\$3,900	\$3,900
0	0	0	0	0			Equip rental	\$1,200	\$1,300
0	0	0	0	0			Mud		\$0
0	0	0	0	0			Mud Logger		\$0
SURVEY DATA							Trucking		\$2,000
Depth	Deviation	Direction	Depth	Deviation	Direction		Water	\$600	\$600
							Labor		\$500
							Supervision		\$0
							Core/DST		\$0
MUD DATA							Logs		\$0
Weight	Visc	YP	PV	Gels	WL	Cake	Cement		\$0
							Fishing		\$0
% Oil	% Water	% Solids	pH	Ca	Cl	LCM	Misc		\$0
							Casing		\$0
AIR DATA-DRILLING			GAS DATA-DRILLING				Tubing		\$0
Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation	Rods		\$0
							Wellhead		\$0
							TOTAL	\$8,850	\$15,000

Fuel Usage

Rig EngType	Model	HP	Fuel Type	Gallons Used	ham unit Eng Ty	Model	HP	Gallons Used
Detroit	Series 60	575	Diesel		Detroit	Series 50/Diesel	380	
	Total Gals	Rig Eng	10	Pump Eng	25	Ttl Rig & Pump	35	

TIME DISTRIBUTION

Hours	Operation
6:00-7:00	Crew travel & safety mtg.
7:00-8:00	Start & warm up equip, start foam/air down tbg., establish circ w/ full returns.
8:00-12:00	Start drilling, fell though from tag up @ 1270' to CIBP @ 1310'. Drill out CIBP w/ 6K# on bit in 4 hrs.
12:00-14:00	Circ bottoms up, run 2 jts with swivel, RD swivel, PU 26 jts tag up solid @ 2200', RU swivel, & stat foam unit down tbg, Establish circ W/ full returns, rotate for 20 min, didn't make any hole, circ hole clean.
14:00-16:00	RD swivel, & foam unit, POOH SB w/ tbg, LD BHA. & DC's.
	SWIFN
16:00-17:00	Crew travel.
	Note: wireline will be out in the AM to shoot perfs.
BHA DATA:	

OPERATION @ 6 AM:

REMARKS:

KOCH EXPLORATION CO LLC DAILY DRILLING REPORT									
Well:		WRD Fed 7-33		Date:		7/13/2016		Drilled to:	
County/ST:		Rioblanco Co.		Days:		3		Drilled from: 0	
Location:		SW NE Sec. 33 T2N, R97W		Rig:		Conquest Well Service		Footage: 0	
Elevation:		0		Supervisor:		Lapp			
BIT DATA							COST DATA (US\$)		
Bit #	Size	Make	Type	Serial #	Jets	Cond		Daily	Cumulative
							Location		\$800
							Rig move		\$0
Bit #	In	Out	Feet	Hours	WOB	RPM	Rig	\$3,000	\$8,400
							Fuel		\$0
							Camper		\$0
							BOPE	\$250	\$750
PUMP DATA							Bits		\$0
Pump #	Make	Model	Liner	SPM	Rate	Pressure	Air Equip		\$3,900
0	0	0	0	0			Equip rental	\$100	\$1,400
0	0	0	0	0			Mud		\$0
0	0	0	0	0			Mud Logger		\$0
SURVEY DATA							Trucking		\$2,000
Depth	Deviation	Direction	Depth	Deviation	Direction		Water	\$300	\$900
							Labor		\$500
							Supervision		\$0
							Core/DST		\$0
MUD DATA							Logs	\$2,250	\$2,250
Weight	Visc	YP	PV	Gels	WL	Cake	Cement		\$0
							Fishing		\$0
% Oil	% Water	% Solids	pH	Ca	CI	LCM	Misc		\$0
							Casing		\$0
AIR DATA-DRILLING			GAS DATA-DRILLING				Tubing		\$0
Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation	Rods		\$0
							Wellhead		\$0
							TOTAL	\$5,900	\$20,900
Fuel Usage									
Rig EngType	Model	HP	Fuel Type	Gallons Used	Pump Eng Type	Model	HP	Gallons Used	
Detroit	Series 60	575	Diesel		Detroit	Series 50/Diesel	380		
	Total Gals	Rig Eng	10	Pump Eng	25	Ttl Rig & Pump	35		
TIME DISTRIBUTION									
Hours	Operation								
7:00-8:00	Crew travel & safety mtg.								
8:00-9:00	Wait for wireline to arrive.								
9:00-10:00	Spot in & RU wireline								
10:00-14:00	Shoot following perfs, had to make 9 gun runs & correlate each run. IFL @ 1500'.1916'-1928', 1868'-1879', 1842'1848', 1830'-1834', 1659-1662'. FL started to climb after this shot 1100'. No sign of gas to suface, 1540'-1548', 982'-986', FL up to 600', Shoot 516'-536'								
	Slight blow after shot, 402'-406' sloght blow on csg after shot. Last FL @ 600'.								
14:00-15:00	RDMO wireline								
15:00-16:00	RIH w/ NC, SN, & 58 jts 2 3/8" tbg, Land tbg in bop's w/ EOT @ 1796'. RU swab equip. Prepare to swab in the AM.								
	SWIFN								
16:00-17:00	Crew travel.								
	Note: BLM rep. Joe Beck was on location to do a workover inspection today. (All looked fine.)								
	7-14-16. ITP @ 30#, ICP @ 40# IFL @ 800'								
BHA DATA:									
OPERATION @ 6 AM:									
REMARKS:									

perforate