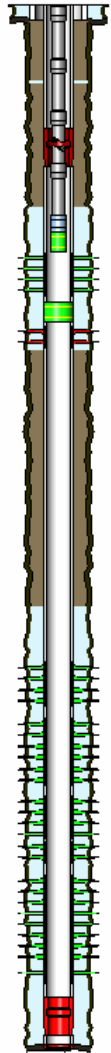


Well Name: NELSON-DARRAH #1
WINS No: 75832
API No: 0512312494
State: COLORADO
County: WELD
Field Name: WATTENBERG
Well Directions WCR 48 & WCR 49, W 1/2, S 1/10 INTO AIRPORT, E 1/10 INTO

Location Description NW NE 12 4N 65W 660' FNL 1,980' FEL
Working Interest
Spud Date: 07/12/1985
Ground Elevation: 4754
KB Height: 4766
TD Date: 07/18/1985

TD: 7230
TVD: 7230
PBTD: 7200
PB TVD: 7200



HOLE SECTIONS							LOGGING DATA							
HOLE SECTIONS	Size	Top	Btm	TD Date	Date	Tool Description	MD Top	MD Base						
SURFACE	12.250	12	406	07/12/1985										
PRODUCTION	7.875	406	7230	07/18/1985										
CASING/TUBING/WELLBORE EQUIPMENT DATA														
TUBULARS	Tool Type	Joints	Size	Weight	Grade	Thread	Top D	Btm D	Burst	Collapse	Capacity	Length	ID	Drift ID
SURFACE CASING														
	Casing	10	8.625	24			12	406				394.00		
PRODUCTION CASING														
W/ PATCH														
	Casing	72	4.500	11.60	I-80	LTC	12	3147				3,135.00		
	Landing Collar	1	4.500				3147	3150				3.00		
	Casing	103	4.500	11.60	M-75	LTC	3150	7200				4,050.00		
	Casing Float Collar	1	4.500				7200	7201				1.00		
	Casing	1	4.500	11.60	M-75	LTC	7201	7230				29.00		
	Casing Guide Shoe	1	4.500				7230	7231				1.00		
CIBP														
	CIBP With Sand Cap		4.500				4640	4642				2.00		
PRODUCTION TUBING														
	Tubing	139	2.375	4.70	J-55	xternal-Up	12	4403			0.00	4,390.51	1.995	1.901
	Seating Nipple	1	2.375				4403	4404				1.20		
	Notched Collar	1	2.375				4404	4404				0.45		
CEMENT INFORMATION														
CEMENT JOBS	Stage	Cement Jobs		Sacks	Returns	Displ. Fluid	Top D	Btm D	cbl					
SURFACE CASING														
	STAGE 1	G		100					No					
	STAGE 1	35/65 POZ		125					No					
PRODUCTION CASING W/ PATCH														
	STAGE 1	50/50 POZ		220					Yes					
PRODUCTION CASING W/ PATCH														
	SQUEEZE JOB	LEAD	50/50 POZ-MIX	150					Yes					
	SQUEEZE JOB	TAIL	CLASS G	50					Yes					
	REMEDIAL CEMENT	50/50 POZ-MIX		200					Yes					
--None--														
									No					

Well Name:	NELSON-DARRAH #1	Location Description	NW NE 12 4N 65W 660' FNL 1,980' FEL	TD:	7230
WINS No:	75832	Working Interest		TVD:	7230
API No:	0512312494	Spud Date:	07/12/1985	PBTD:	7200
State:	COLORADO	Ground Elevation:	4754	PB TVD:	7200
County:	WELD	KB Height:	4766		
Field Name:	WATTENBERG	TD Date:	07/18/1985		
Well Directions	WCR 48 & WCR 49, W 1/2, S 1/10 INTO AIRPORT, E 1/10 INTO				

FORMATION TOPS								PUMP EQUIPMENT			
Strat Unit	Formation	MD Top	MD Base	Comments				Type	Description		
	SUSSEX	4,420									
	NIOBRARA	6,804									
	FT HAYS	7,092									
	CODELL	7,118									
PERFORATIONS											
Date	Formation	Zone	Top	Btm	SPF	No. Holes	Diameter	Phasing	Reason	Status	Comments
02/07/2012			4156	4156	3	0	0.38	120	CEMENT SQUEEZE	OPEN	
12/10/2012	SUSSEX		4170	4170	2	0	0.38	120	CEMENT SQUEEZE	OPEN	ALL SHOT FIRED
02/21/2012	SUSSEX		4432	4444	2	24	0.38	120	PRODUCTION	OPEN	ALL SHOTS FIRED
02/21/2012	SUSSEX		4450	4464	2	28	0.38	120	PRODUCTION	OPEN	ALL SHOTS FIRED
02/07/2012			4460	4460	3	0	0.38	120	CEMENT SQUEEZE	OPEN	ALL SHOT FIRED
02/26/2007	SUSSEX		4670	4671	3	3			CEMENT SQUEEZE	CLOSED	Sussex squeeze perfs
07/26/1985	NIOBRARA	A	6809	6810	1	1	0.38		PRODUCTION	OPEN	
07/26/1985	NIOBRARA	A	6818	6819	1	1	0.38		PRODUCTION	OPEN	
07/26/1985	NIOBRARA	B	6904	6905	1	1	0.38		PRODUCTION	OPEN	
07/26/1985	NIOBRARA	B	6913	6914	1	1	0.38		PRODUCTION	OPEN	
07/26/1985	NIOBRARA	B	6925	6926	1	1	0.38		PRODUCTION	OPEN	
07/26/1985	NIOBRARA	C	6998	6999	1	1	0.38		PRODUCTION	OPEN	
07/26/1985	NIOBRARA	C	7003	7004	1	1	0.38		PRODUCTION	OPEN	
07/26/1985	NIOBRARA	C	7017	7018	1	1	0.38		PRODUCTION	OPEN	
07/26/1985	FT HAYS		7103	7104	1	1	0.38		PRODUCTION	OPEN	
07/26/1985	FT HAYS		7108	7109	1	1	0.38		PRODUCTION	OPEN	
07/26/1985	FT HAYS		7112	7114	1	2	0.38		PRODUCTION	OPEN	
07/26/1985	FT HAYS		7116	7118	1	2	0.38		PRODUCTION	OPEN	
10/01/2002	CODELL		7118	7128	4	40	0.42	120	PRODUCTION	OPEN	