

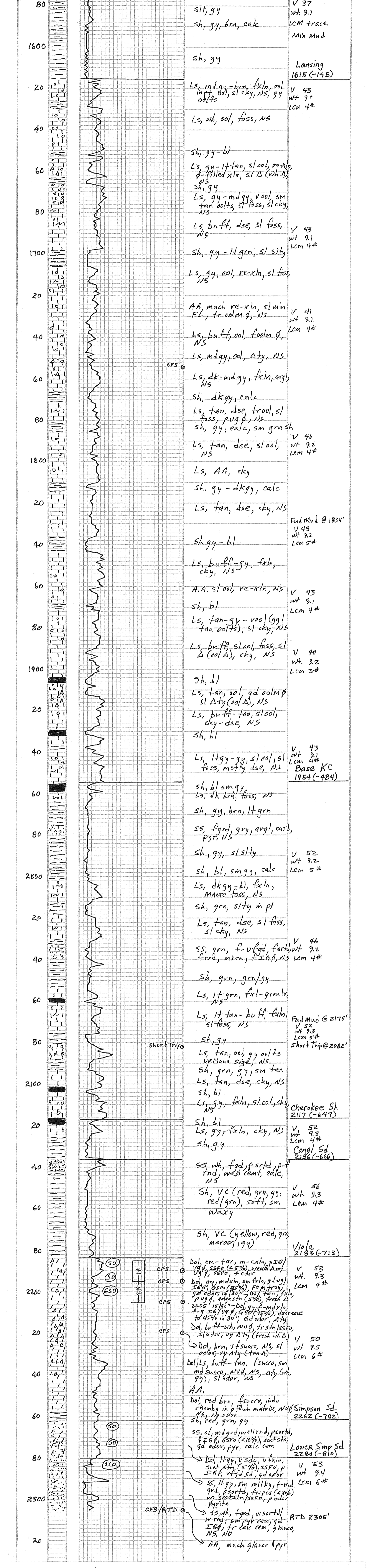
COMPANY		Range Oil Company, Inc.	
LEASE		Madden Unit #2	
FIELD		Pantler Ranch SW	
LOCATION		800 EHL + 1300 FUL, NW/4	
SEC		31 T19S 19S R6E	
COUNTY		Chase Co. KS	
CONTRACTOR		C & B Drilling Co., Rig #1	
SPUD		8-7-14	
LTD		2305'	
MUD UP		1580'	
SAMPLES SAVED FROM		1580'	
DRILLING TIME KEPT FROM		1500'	
SAMPLES EXAMINED FROM		1500'	
GEOLOGICAL SUPERVISION FROM		1550'	
GEOLOGIST ON WELL		Ken Wallace	
FORMATION TOPS		LOG	
Lansing		1611(-14)	
Cherokee		1920(-48)	
Ogallala		2117(-64)	
Violet		2136(-66)	
Simpson		2262(-72)	
Lower Ogallala		2280(-80)	
Upper Ogallala		2305(-85)	
LTD		2305(-85)	
ELEVATIONS		1470'	
DF		1464'	
MEASUREMENTS ARE ALL		FROM KB	
ELECTRICAL SURVEYS		DT, Durl & Miron R	

REMARKS: Production casing set to further evaluate Viola  
Ken Wallace

8-6-14: MIRT  
8-7-14: Drilg surface hole  
8-8-14: Drilg @ 1000' 1920 235' + 747'; Set surface casing @ 231'  
8-9-14: Drilg @ 1805' 1920 235' + 1555'  
8-10-14: Drilg @ 2195'  
8-11-14: PTD 2205, Ran DST #1 / DST #2  
8-12-14: RTD, 2305, Ran e-lots, set 5/2" casing, Pmg dwn @ 5:09 am

LEGEND							

SCALE " = 100'



### DIAMOND TESTING GENERAL REPORT

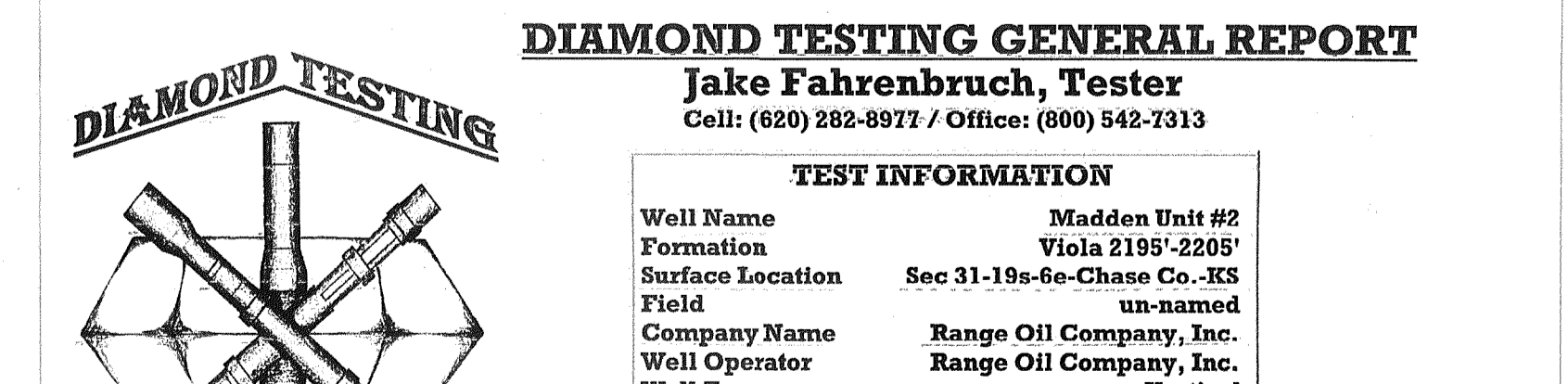
**Jake Fahrenbruch, Tester**  
Cell: (620) 282-8977 / Office: (800) 542-7313

TEST INFORMATION	
Well Name	Madden Unit #2
Formation	Viola 2185'-22195'
Surface Location	Sec 31-19S-6E-Chase Co.-KS
Field	un-named
Company Name	Range Oil Company, Inc.
Well Operator	Range Oil Company, Inc.
Well Type	Vertical
Test Type	Conventional Bottom-Hole
Test Purpose (AEUB)	Initial Test
Gauge Name	Inside 5951
Start Test Date	2014/08/10
Start Test Time	12:19:00
Final Test Date	2014/08/10
Final Test Time	17:49:00
Job Number	F294
Contact	John Washburn
Site Contact	Ken Wallace
Qualified By	Ken Wallace

**TEST RESULTS**  
Initial flow started with a surface blow that increased to .25". blow died by end of flow period.  
Final flow had no blow.

Recovered: 5' Total Fluid	
2" OIL	100% oil
3' MUD	100% mud

Range Oil Company, Inc.  
Start Test Date: 2014/08/10  
Final Test Date: 2014/08/10



### DIAMOND TESTING GENERAL REPORT

**Jake Fahrenbruch, Tester**  
Cell: (620) 282-8977 / Office: (800) 542-7313

TEST INFORMATION	
Well Name	Madden Unit #2
Formation	Viola 2195'-2205'
Surface Location	Sec 31-19S-6E-Chase Co.-KS
Field	un-named
Company Name	Range Oil Company, Inc.
Well Operator	Range Oil Company, Inc.
Well Type	Vertical
Test Type	Conventional Bottom-Hole
Test Purpose (AEUB)	Initial Test
Gauge Name	Inside 5951
Start Test Date	2014/08/10
Start Test Time	22:40:00
Final Test Date	2014/08/11
Final Test Time	06:42:00
Job Number	F295
Contact	John Washburn
Site Contact	Ken Wallace
Qualified By	Ken Wallace

**TEST RESULTS**  
Initial flow started with a surface blow that increased to 2.5". No blowback on initial shut-in.  
Final flow started with a surface blow that increased to 3.5". No blowback on final shut in.

Recovered: 75' Total Fluid	
60' Clean Oil	100% oil
15' Oil Cut Mud	15% oil, 85% mud
---	Gravity: 29 (corrected to 60 F)
---	Tool Sample: Muddy Oil 65% oil, 35% mud

Range Oil Company, Inc.  
Start Test Date: 2014/08/10  
Final Test Date: 2014/08/11

