

NEW MEXICO SCHOOL OF MINES  
STATE BUREAU OF MINES AND MINERAL RESOURCES  
SOCORRO, NEW MEXICO  
**NEW MEXICO WELL LOG DIVISION**

COUNTY **Harding**  
FIELD **Bueyeros**  
COMPANY **Head and Miller**  
LEASE **De Baca** No. **1** Well  
LOCATION **(4) NE NW**  
SEC. **31** . T. **20 N.** . R. **31 E.**

CASING RECORD		ELEVATION	FEET			
Diam., in.	Bottom	INITIAL DAILY PRODUCTION:		feet from	feet from	line and line of Section
15 1/2"	76'	Open				
12 1/2"	460'	Open	<b>Reported</b>	bbls. Oil	COMMENCED	<b>4-1-37</b>
10"	888'	Tbg.	<b>36,000,000</b>	cu. ft. Gas	COMPLETED	<b>9-4-37</b>
8 1/4"	1718'	Tbg.		bbls. Oil	ABANDONED	
6" Csg.	1945'			cu. ft. Gas	REMARKS:	

FORMATION	BOTTOM, FEET	FORMATION	BOTTOM, FEET
Wash	30	White sand	1105
Gravel, water sand	33	Gray line	1190
Mud, red	53	Gray line	1210
Red shale	76	Brown lime	1265
Red pink shale	87	Red sand	1280
Gray shale	125	Lime sandy	1305
Brown shale	205	Red shale	1315
Red sand	225	Sandy lime	1337
Gray water sand	247	Lime shale water	1402
Red shale	255	Sandy lime brown	1415
Blue shale	275	Blue shale	1438
Hard sand	304	Sandy shale	1446
Red shale	330	White lime	1455
Blue shale	340	Sand brown water	1470
Pink shale	385	White sand	1545
Brown shale	405	Hard lime	1560
Blue shale	450	Sand water	1570
Blue shale	475	Brown lime	1590
Red shale	516	Sandy gray lime	1650
Gray sand	538	Gray lime	1675
Red shale	565	Gray lime	1703
Sandy shale	585	Gas---red sand	1710
Gas---gas sand	590	Water	
Sand broken	630	Red sandy shale	1908
Blue shale	640	Red sand	1945
Gray lime	680	Gas---lime gas	1960
Red shale	710	Gas---red shale	1970
Red shale	795	Sandy shale	1993
White shale	805	Gas	2000
Lime	820	Red sandy shale	2027
Water	860	Gas	2041
Gray shale	865		
Gas---red sand	875		
Hard white sand	888		
Hard white sand	940		
Gray shale	945		
Blue shale	965		
White sand	990		
Water sand	1060		
Blue shale	1065		
Sandy lime hard	1070		