

Well Name: LANG 01

VERTICAL - ORIGINAL HOLE, 5/12/2014 2:53:07 PM

Well Header

MD (ftKB)	Vertical schematic (actual)
-179.4	
-5.9	
-3.0	
0.0	
4.9	
9.8	
11.0	
12.1	
222.1	
432.1	
3,180.1	
5,928.1	
6,338.3	
6,748.4	
6,748.9	
6,749.3	
6,749.7	
6,750.0	
6,773.9	
6,797.9	
6,804.0	
6,810.0	
6,825.5	
6,840.9	
6,881.7	
6,922.6	
6,923.2	
6,923.9	
6,929.0	
6,934.1	
7,107.6	

Surface: 12.0-432.0; 8 5/8; 24.00; 2/15/1985  
SURFACE CASING CEMENT; 12.0-432.0; 2/15/1985

Tubing: 10/12/1988; 10.0-6,750.0; TUBING WEIGHT & GRADE UNKNOWN

Perforated; 6,798.0-6,810.0; 2/21/1985; Perf

Auto cement plug; 6,841.0-6,924.0; 2/21/1985; Automatically created cement plug from the casing cement because it had a tagged depth.  
PRODUCTION CASING CEMENT; 5,928.0-6,924.0; 2/21/1985  
Production; 12.0-6,924.0; 4 1/2; 10.50; 2/21/1985

API 05-123-12103	Business Unit WATTENBERG	District 15	Well Config VERTICAL
Original KB Elevation (ft) 4,662.00	KB - GL / MSL (ftKB) 12.00	Spud Date 2/15/1985	P & A Date
Comment			
Directions To Well			
Congressional Location			
Quarter 1	Quarter 2	Quarter 3 NE	Quarter 4 SW
Section 15	Township 4 N	Twntshp N... Range 64	Rng E/W Dir W
Bottom Hole Location			
North-South Distance (ft)	From N or S Line	East-West Distance (ft)	From E or W Line
Plug Back Total Depths			
Date	Depth (ftKB)	Method	Com
2/20/1985	6,919.0	TAG	GUIDE SHOE
2/26/1985	6,841.0	CASED HOLE LOG	DEPTH LOGGER
Wellbore Sections			
Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	12.0	432.0
PRODUCTION	7 7/8	432.0	6,934.0
Zone Statuses			
Zone Name	Status Date	Status	Job
CODELL	4/12/1985	PR	DRILLING/COMPLETION - ORIGINAL, 2/15/1985 00:00
Casing Strings			
Surface, 432.0ftKB			
Casing Description Surface	Run Date 2/15/1985	OD (in) 8 5/8	Wt/Len (l... 24.00
Grade	Top, MD (ft... 12.0	MD (ftKB) 432.0	
Production, 6,924.0ftKB			
Casing Description Production	Run Date 2/21/1985	OD (in) 4 1/2	Wt/Len (l... 10.50
Grade	Top, MD (ft... 12.0	MD (ftKB) 6,924.0	
Cement			
Description SURFACE CASING CEMENT	Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 432.0	
Description PRODUCTION CASING CEMENT	Top Depth (ftKB) 5,928.0	Bottom Depth (ftKB) 6,924.0	
Tubing Components			
Item Des	OD (in)	Wt (lb/ft)	Grade
Tubing	2 3/8	4.70	J-55
Seal Nipple	2 3/8		
Notched collar	2 3/8		
Len (ft)	Btm (ftKB)	Btm (TVD) (ftKB)	
6,738.50	6,748.5		
1.00	6,749.5		
0.50	6,750.0		
Perforation Data			
Zone	Bnch/St g	Entered Shot Total	Top (ftKB)
CODELL, ORIGINAL HOLE		11	6,798.00
			6,810.00
			2/21/1985
Stimulations & Treatments			
Date 3/5/1985	Zone CODELL, ORIGINAL HOLE	Primary Job Type DRILLING/COMPLETION - ORIGINAL	
Technical Result	Tech Result Details	Tech Result Note	
Comment			
Other In Hole			
Run Date	Des	OD (in)	Top (ftKB)
			Btm (ftKB)
Logs			
Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
2/20/1985	COMPENSATED DENSITY	4,150.0	6,932.0
2/20/1985	INDUCTION	432.0	6,934.0
2/26/1985	CEMENT BOND	5,800.0	6,841.0