



Partner Summary Report

Date: 7/23/2015

Report #: 29

DOL: 11.40

Spud Date: 9/7/2014

Well Name: LILLI FEDERAL LG13-02

Well Name LILLI FEDERAL LG13-02		Operator NOBLE ENERGY, INC.		API 05-123-39883		County/Parish WELD		State/Province COLORADO		Total Depth All (TVD) (ftKB) ORIGINAL HOLE - 6,749.4			Current PBTD (mKB) ORIGINAL HOLE - 6,640.0	
Spud Date 9/7/2014			TD Date 9/9/2014				Rig Release Date 9/14/2014				First Production Date			
Rig Name LEED							Rig Number 710							
Prospect Number		Prospect		Actual Latitude (°) 40.66709899		Actual Longitude (°) -103.92106271		Quarter 3 NW	Quarter 4 NE	Section 13	Township 8	Twnshp N/S Dir N	Range E/W Dir W	
AFE Number 200663				Depth, MD (ftKB) 6,750					Depth, TVD (ftKB) 6,749.4					
Density (lb/gal)							Funnel Viscosity (s/qt)							

Job: DRILLING/COMPLETION , Job Start Date: 9/3/2014 06:00

Objective NEW DRILL & COMPLETE IN THE D-SAND		Target Formation D SAND	Target Depth (ftKB) 6,800
Report Start Date 7/23/2015 06:00	Report End Date 7/23/2015 15:00	Operations Summary IWP[-0 SCP-0 RU WIRE LINE. RIH WITH A 4 1/2" CIBP. TIE IN TO THE CBL DATED 9-23-14. SET THE PLUG AT 6403' POOH WITH THE SETTING TOOL. RIH WITH THE DUMP BAILER LOADED WITH 2 SACKS OF CEMENT. PLACE CEMENT ON TOP OF THE CIBP. POOH WITH THE BAILER. RD WIRE LINE. HAVE NPT DELIVER 100 BBLs OF CLAY TREAT WATER WITH BIO-CIDE. LOAD THE HOLE WITH 87 BBLs. THIS INDICATES THE IFL WAS 5600' RU HOLE SEEKERS TO PRESSURE TEST AND RECORD THE TEST. PRESSURE TEST TO 1000 PSI. HOLD FOR 15 MIN. TEST GOOD. BLEED THE PRESSURE OFF. RD HOLE SEEKERS. RUN 1 JOINT OF TUBING TO DISPLACE THE WATER FROM THE WELL HEAD AND CASING VALVES. ND THE BOP AND SPOOL. PLACE A SEAT NIPPLE ON BOTTOM OF THE 3' LONG BLAST JOINT THAT IS SCREWED IN TO THE TUBING HANGER. PLACE THE TUBING HANGER IN THE WELL HEAD. INSTALL THE OLD 10K FLANGE WITH A NEW RING. SHUT THE TWO FRAC VALVES. INSTALL TAP BULL PLUG'S WITH NEEDLE VALVES IN ALL THE VALVES. SHUT THE WELL IN. RIG DOWN. MOVE OFF.	

Time Log						
Start Time	End Time	Dur (hr)	Start Depth (ftKB)	End Depth (ftKB)	Task Code Desc	Activity

Survey Data							
MD (ftKB)	TVD (ftKB)	Azm (°)	Incl (°)	+N / -S (ft)	+E / -W (ft)	VS (ft)	DLS (°/100ft)

Casing Strings		
Csg Des	MD (ftKB)	Run Date
CONDUCTOR	130.0	6/27/2014
Surface	1,259.9	9/7/2014
INTERMEDIATE	6,744.0	9/14/2014

Cement Stages			
Des	Top (ftKB)	Btm (ftKB)	Start Date
Conductor Cement	30.0	130.0	6/27/2014
Surface Casing Cement	30.0	1,260.0	9/7/2014
Production Casing Cement	2,514.0	6,744.0	9/14/2014

Tubing Strings		
String Location	Set Depth (ftKB)	Run Date

Perforations			
Linked Zone	Top (ftKB)	Btm (ftKB)	Date
D SAND, ORIGINAL HOLE	6,453.00	6,465.00	9/24/2014

Stimulation Intervals				
Start Date	Est Prop Form (lb)	Propan Deliver (lb)	Vol Slurry Total (gal)	Vol Clean Total (gal)
10/31/2014	51,110.0	51,110.0	41,671.56	39,438.00