

Burlington Resources Oil & Gas, LP

Current Schematic

ConocoPhillips

Well Name: **CALLOWAY #1B**

API # **3004534796**

API / UWI 3004534796	Surface Legal Location 027-031N-011W-B	Field Name MV/DK COM	License No	State/Province NEW MEXICO	Well Configuration Type DEVIATED
Ground Elevation (ft) 5,741.00	Original KB Elevation (ft) 5,757.00	KB-Ground Distance (ft) 16.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Well Config: **DEVIATED** - Original Hole: 4/19/2009 3:46:57 AM

ftKB (MD)	Schematic	Actual	Frm:Final
16	PBTD, 169, CIRC 1 BBL CMT TO SURFACE		
17	Hyd Frac-Foam N2, 4/3/2009, POINTLOOKOUT/LMF STIMULATION* (4,564'-5,150')		
19			
25	START 15% HCL BREAKDOWN THE ZONE AT 624 PSI @ 5 BPM		
169			
229	FRAC THE ZONE WITH 106,029 GALS. 60Q N2 SLICK/FOAM AT 50 TO 60 BPM WITH 86,313 LBS OF 20/40 ARIZONA SAND. RAN FRICTION REDUCER @ 1 GAL/1000 GALS.SURFACTANT @ 1.0 GL/1000, FOAMER @ 3 GL/1000 PUMPED 29.2 BBL FLUID w/19,500 scf FLUSH		
230			
235			
3,551			
4,457			
4,460	MIN RATE 5 BPM MAX RATE 62 BPM. AVG RATE 58 BPM.		
4,477	MIN. PSI 624 PSI. MAX PSI 2747 PSI. AVG. PSI 2350 PSI		
4,478	MAX. SAND CONC: 4.2 PSA		
4,520	ISIP 870 PSI. FRAC GRADIENT: 44 PSI/FT. (BASED OFF ISDP) FLUID TO RECOVER (BREAKDOWN, ACID AND FRAC: 1010 CLEAN BBLs). PUMPED 1102 SLURRY BBLs		
4,521			
4,531	TOTAL N2 1,031,300 SCF		
4,564	Hyd Frac-Slickwater, 4/3/2009, DAKOTA STIMULATION* (6,960'-7,154')		
5,150			
5,269	START 2% KCL WATER BREAKDOWN THE ZONE AT 1,821 PSI @ 5 BPM. START 10 BBLs OF 15% HCL AT 7.0 BPM AT 1,315 PSI.		
5,271			
5,739			
5,749	FRAC THE ZONE WITH 106,260 GALS. SLICKWATER AT 50 BPM WITH 42,500 LBS. OF 20/40 ARIZONA SAND. RAN FRICTION REDUCER @ 1.0 GAL/1000 GALS.SURFACTANT @ 1.0 GL/1000 PUMPED 117 BBL FLUID FLUSH		
6,960			
7,074			
7,080			
7,154	MIN. RATE: 17 BPM. MAX. RATE 52 BPM. AVG. RATE 49 BPM.		
7,253	MIN. PSI. 2579 PSI. MAX. PSI. 3578 PSI. AVG. PSI: 3550 PSI.		
7,253	MAX. SAND CONC: 1.6 PSA.		
7,272	ISIP 1250 PSI. FRAC GRADIENT: 77 PSI/FT. (BASED OFF ISDP) FLUID TO RECOVER (BREAKDOWN, ACID AND FRAC: 2530 CLEAN BBLs). PUMPED 2569 SLURRY BBLs.		
7,273			
7,280	TD, 7,280		
		Casing Hanger, 7in, 23 00lbs/ft, L-80, 17 ftKB Casing Hanger, 9 5/8in, 32 30lbs/ft, H-40, 19 ftKB Casing Pup Joint, 7in, 23 00lbs/ft, L-80, 25 ftKB Casing Joints, 9 5/8in, 32 30lbs/ft, H-40, 229 ftKB SURFACE CSG CMT, 16-230, 2/20/2009, CIRC 1 BBL CMT TO SURFACE Sawtooth Collar, 9 5/8in, 32 30lbs/ft, H-40, 230 ftKB Marker Joint, 4 1/2in, 11 60lbs/ft, L-80, 3,550 ftKB Casing Joints, 4 1/2in, 11 60lbs/ft, L-80, 3,550 ftKB Casing Pup Joint, 4 1/2in, 11 60lbs/ft, L-80, 3,550 ftKB Casing Hanger, 4 1/2in, 11 60lbs/ft, L-80, 3,550 ftKB Landing Joint, 4 1/2in, 11 60lbs/ft, L-80, 3,550 ftKB Casing Joints, 4 1/2in, 11 60lbs/ft, L-80, 3,550 ftKB Casing Pup Joint, 4 1/2in, 11 60lbs/ft, L-80, 3,550 ftKB Bridge Plug - Temporary, 4,457-4,460, SET WEATHERFORD 3 625 COMPOSITE BRIDGE PLUG @ 4,460' Casing Joints, 7in, 23 00lbs/ft, J-55, 4,477 ftKB Float Collar, 7in, 23 00lbs/ft, J-55, 4,478 ftKB Casing Joints, 7in, 23 00lbs/ft, J-55, 4,520 ftKB Intermediate Casing Cement, 16-4,521, 3/7/2009, PJSM RIG UP CEMENT HEAD PRESSURE TEST LINES TO 3000 PSI. CMT-1 STAGE W/ 10 BBLs GEL MUD, 10- BBLs F.W. SCAVENGER 15 SKS (10 BBLs) @ 10.3 PPG, 75% TYPE XI/25% CLASS G W/ 3 25 PPS CELLO FLAKE, 3% SOD MEDASILICATE, 20% ANTIFOAM LEAD 341 SKS (127.5 BBLs) @ 11.7 PPG, 75% TYPE XI/25% CLASS G W/ 3 25 PPS CELLO FLAKE, 3% SOD MEDASILICATE, 20% ANTIFOAM TAIL 115 SKS (25 BBLs) @ 13.5 PPG, 50.50 POZ/MTNG, 25 PPS CELLOFLAKE, 5 PPS GILSON, 2% BENTONITE, 2% CaCl, 15% FRIC RED, 1% D46 DISPLACED W/ 176 BBLs FRESH WATER, BUMPED PLUG @ 12.15 FLOAT HELD W/ 1 BBL FLOW BACK, (80 BBLs OF GOOD CMT TO SURFACE) Float Shoe, 7in, 23 00lbs/ft, J-55, 4,521 ftKB PERFORATED, 4,564-5,150, 4/3/2009 Bridge Plug - Temporary, 5,269-5,271, 4.5 CBP SET @ 5270' Casing Joints, 4 1/2in, 11 60lbs/ft, L-80, 5,738 ftKB Marker Joint, 4 1/2in, 11 60lbs/ft, L-80, 5,749 ftKB PERFORATED, 6,960-7,074, 4/3/2009 PERFORATED, 7,080-7,154, 4/3/2009 Casing Joints, 4 1/2in, 11 60lbs/ft, L-80, 7,252 ftKB Float Collar, 4 1/2in, 11 60lbs/ft, L-80, 7,253 ftKB Casing Joints, 4 1/2in, 11 60lbs/ft, L-80, 7,272 ftKB Production Casing Cement, 4,050-7,273, 3/14/2009, PJSM RIG UP CEMENT HEAD PRESSURE TEST LINES TO 3000 PSI. CMT-1 STAGE W/ 10 BBLs GEL MUD, 2 BBLs F.W. TAIL 220 SKS (73.4 BBLs) @ 11.6 PPG, LITE CRETE BLEND-TXI BASE, .95% DISPERSANT, 1% ANTIFOAM, 2 FLUID LOSS, .28% RETARDER DISPLACED W/ 112 BBLs FRESH WATER, BUMPED PLUG @ 18.56 FLOAT HELD W/ 1 BBL FLOW BACK Cement Plug, 7,253-7,273, 3/14/2009 Float Shoe, 4 1/2in, 11 60lbs/ft, L-80, 7,273 ftKB Cement plug, 7,273-7,280, 3/14/2009	

RCVD MAY 21 '09
OIL CONS. DIV.
DIST. 3