

# BOLD ENERGY, LP

# Solomon State Com #1Y

**WI:** 65.5%  
**Elevation:** 3,375'  
**KB:** 18'  
**Meas. TD:** 11,636'  
**TVD:** 11,636'  
**PBD:** 11,591' (+C)  
**Zone:** Morrow

**NRI:** 53.646%  
**API:** 30-015-35738  
**Surface Location:** 1429' FNI & 840' FWL  
**Legal Description:** Section 10 - T19S - R29E  
**Field:** Turkey Track  
**County:** Eddy  
**State:** New Mexico

Casing	Hole	Weight	Grade	Top	Bottom	Burst	80% Burst	Sacks	TOC
20"				0'	40'				Surface
13-3/8"	17-1/2"	48#	J-40	0'	300'	1,730	1,384	665	Surface (1')
8-5/8"	11"	32#	J-55	0'	3,020'	3,930	3,144	900	Surface (circ)
5-1/2"	7-7/8"	17#	P-110	0'	11,636'	10,640	8,512	1,285	Surface (circ)

### Date Event

7/20/2007	Spud at original surface location. Apparent karst encountered. P & A conductor hole and STBY rig. Major lost circulation below conductor. Pits drained from karst. Build new location.
7/29/2007	Drill conductor hole at new surface location. Stuck BHA. Could not free. Cut off drive Kelly and leave in hole. Fill conductor hole with cement and built new cellar 9' to the South.
7/31/2007	Set and cemented conductor at 40'. MIRU Nabors 142 from original location.
8/1/2007	Spud at final surface location. Encountered major lost circulation in surface hole.
9/4/2007	TD production hole.
9/5/2007	Ran OH logs without event. Could not get past 11,280' w/ RFT tools.
9/7/2007	Ran casing and released drilling rig.
9/15/2007	Ran CBL from PBDT (11,540') to 8,000' w/ 2,000 psi. Bond good.
9/17/2007	Ran bit and scraper to PBDT. Pressure tested casing to 8,000 psi. Pickled tubing and casing w/500 gal 7.5% HCL.
9/18/2007	PCOH w/ bit & scraper. Perforated w/ 3-3/8" casing guns 4 spf, 120° phasing, 0.43' LHD 11,485' - 11,489' (16 holes). Broke down perfs at 6,950 psi at 4.2 BPM. Avg = 6,750 psi. Qavg = 4.0 BPM. ISIP = 6,500 psi. 5 min SIP = 5,320 psi. 10 min SIP = 4,640 psi. 15 min SIP = 4,070 psi. Perforated w/ 3-3/8" casing guns 4 spf, 120° phasing, 0.43' LHD 11,439' - 11,445' (24 holes). No flow. THH w/ STD SN on 368 jts 2-3/8" 4.7# L-80 tubing w/ blast joint sub + carbide frac. rings at surface.
9/20/2007	MIRU Bf frac equipment and nitrogen equipment. Frac'd via tubing x casing annulus as follows: 2,000 gallons 15% HCL acid followed by 1020 bbls 35# lightning pad at 24 bpm + 10,000 scfm N2. 1179 bbls 30# lightning + 122,500 lbs 20/40 CarboProp from 0.5 ppa to 4.0 ppa. ISIP = 5,399 psi. AIP = 7,589 psi. APR = 23.6 bpm (liquid). APR = 10,000 scfm (N2). Total load to recover = 2,299 bbls. Flowed well while circulating nitrogen down annulus.
9/23/2007	Load recovered = 663 bbls (29.0%).
9/24/2007	MIRU swab unit. SITP = 680 psi. SICP = 1,780 psi. SFL = 4,400'. FFL = 6,900'. Swabbed 118 bbls. Started flowing. Initial FTP = 500 psi, FCP = 1520 psi on 48/64" CK. Final FTP = 0 psi. Final FCP = 800 psi. Flowed 19 bbls. Load recovered = 781 bbls (34.0%).
9/25/2007	SITP = 930 psi. SICP = 1,350 psi (12 hrs). Blew down tubing with no flow. IFL = 4,700'. Rec 44 BW. FFL = 5,400'. TP = 0 psi. CP = 1,400 psi. Load recovery = 35.9%. Swab line parted leaving +/- 5,000' in hole.
9/26/2007	SITP = 600 psi. SICP = 1,700 psi. Blew down tubing and casing with no liquid recovery. ND WH. NU BOPE. Leave well open to tank w/ Tetra hand on location.
9/27/2007	No fluid recovery overnight - well dead. LOOH w/ TBG. Found sand line at 114 stands out. Small amount of sand on wire cup - sand line brittle. THH w/ SN on 368 jts 2-3/8" tubing. NU WH. SION.
9/28/2007	SITP = 600 psi. SICP = 350 psi. IFL = 4,800'. 18 runs recovering 45 BW. Load recovery = 37.8%.
9/29/2007	SITP = 620 psi. SICP = 720 psi. IFL = 4,800'. 21 runs recovering 99 BW. Load recovery = 42.1%.
10/1/2007	SITP = 1100 psi. SICP = 1,240 psi. IFL = 4,600'. Made 16 runs recovered 85 BW. Well began to flow. After 1st hour of flowing TP = 80 psi. CP = 740 psi. Recovered 17.5 bbls. After 2nd hour of flowing TP = 40 psi. CP = 630 psi. Recovered 6.5 bbls. Total liquid recovered for the day = 109 bbls. Load Recovery = 46.8%.
10/2/2007	SITP = 1,200 psi. SICP = 1,300 psi. Open tubing to test tank. Well flowing. After 1st hour TP = 100 psi. CP = 1,100 psi. Recovered 16 bbls. After 2nd hour TP = 80 psi. CP = 950 psi. Recovered 12 bbls. After 3rd hour TP = 10 psi. CP = 750 psi. Recovered 5 bbls. Made 9 additional runs. FI scattered from top to btm. Waited 1 hour and recovered 3 bbls on final run. Total liquid recovered for the day = 60 bbls. Load Recovery = 51.5%.
10/3/2007	SITP = 1,100 psi. SICP = 1,240 psi. Open tubing to test tank. Well flowing. Flowed 30 minutes and recovered 1 bbls. Made 7 runs and rec 31 bbls. Well flowing w/ 100 psi FTP & 1,200 psi CP. 1st hour rec 15 bbls. FTP = 70 psi. CP = 700 psi. 2nd hour rec 7 bbls. FTP = 20 psi. CP = 600 psi. Total recovered liquid for the day = 54 bbls (53.9%). SI. RDMO swab rig. Wait on pipeline.
10/10/2007	SITP = 2,000 psi. SICP = 1,675 psi.
10/23/2007	Begin pit reclamation.
10/24/2007	Begin pipeline and facility installation.
11/2/2007	First sales.
11/6/2007	SITP = 300 psi. SICP = 1,750 psi. Blow down tubing. No liquid. Swab. IFL = 3,700'. 22 BW recovered. FFL = 4,700'. (55% LR).
11/7/2007	SITP = 500 psi. SICP = 1,800 psi. Blow down tubing. No liquid. Swab. IFL = 4,800'. Swabbed 18 bbls in 4 runs. Well began flowing at 1,000 psi. ITP and 1,600 psi. CP. Unloaded 12 bbls to tank. Put to sales (by passing compressor) on 22/64" CK. Flowed 3 hrs and had dead recovering 28 bbls. Swabbed 42 bbls in 10 runs. SIW. Recovered 82 bbls. 58.6% LR. 951 bbls LTR.
11/8/2007	SITP = 600 psi. SICP = 1,200 psi. Blow down tubing. No liquid. Swab. IFL = 5,600'. Swabbed 74 bbls in 23 runs. FFL = 3,500'. Gassing on last two runs. SIW. 61.9% LR. 870 BBLs LTR.
11/9/2007	SITP = 1,250 psi. SICP = 1,350 psi. Blow down tubing and rec 5 bw. Swab. IFL = 5,000'. Swabbed 35 bbls in 10 runs. Well flowed for 3 hrs to tank at 80 psi. FTP, 700 psi. CP. Made 7 bbls while flowing. Left open to tank. 64.7% LR. 811 BBLs LTR.
11/10/2007	TP = 0 psi. SICP = 1,200 psi. Swab. IFL = 4,200'. Swabbed 29 bbls in 12 runs. Well flowing to tank on 48/64" CK. 66% LR. 782 BBLs LTR.
11/12/2007	TP = 0 psi. SICP = 1,450 psi. Swab. IFL = 500'. Swabbed 35 bbls in 12 runs. Well flowing to tank on 48/64" CK. FTP = 150 psi. CP = 800 psi. Flowed 13 bbls 1st hr. Flowed 4 bbls 2nd hr. Well died w/ 710 psi on csg. Swabbed 14 bbls in 6 runs. Final FL = 7,800'. Left well open to tank. 68.9% LR. 716 bbls LTR.
11/13/2007	TP = 0 psi. SICP = 1,1150 psi. Swab. IFL = 5,200'. Swabbed 42 bbls in 14 runs. Well flowing to tank on 48/64" CK. FTP = 100 psi. CP = 900 psi. Flowed 12 bbls 1st HR. Flows 3 bbls 2nd HR. Well Died w/ 650 PSI on csg. Swabbed 12 bbls in 4 runs. FFL = 6,200'. Left well open to tank. Recovered add'l 15 bbls overnight. 72.5% LR. 632 bbls LTR.
11/14/2007	TP = 0 psi. SICP = 1,150 psi. SWAB. IFL = 5,400'. Swabbed 43 bbls in 12 runs. Swabbing from from SN. 74.4% LR. 589 bbls LTR. SIW & SIDFN.
11/15/2007	SITP = 1,040 psi. SICP = 1,150 psi. IFL = 3,500'. scattered. Swabbed 10 runs periodically all day. Switch to sales after each run. Leave open to sales overnight. Total recovered liquid = 41 bbls. 76.2% LR. 548 bbls LTR.
11/16/2007	TP = 50 psi. SICP = 1,000 psi. IFL = 5,100'. scattered. Swabbed 6 runs periodically all day. Switch to sales after each run. Leave open to sales overnight. Total recovered liquid = 25 bbls. 77.3% LR. 523 bbls LTR.
11/17/2007	TP = 20 psi. SICP = 950 psi. IFL = 5,100'. scattered. Swabbed 9 runs periodically all day. Switch to sales after each run. Leave open to sales overnight. Total recovered liquid = 36 bbls. 78.8% LR. 487 bbls LTR.
11/19/2007	TP = 25 psi. SICP = 1,200 psi. IFL = 5,400'. scattered. Swabbed 14 runs periodically all day. Switch to sales after each run. Leave open to sales overnight. Total recovered liquid = 57 bbls. 81.3% LR. 430 bbls LTR.
11/20/2007	TP = 20 psi. SICP = 850 psi. IFL = 4,500'. scattered. Swabbed 19 runs periodically all day. Switch to sales when well would flow. Leave open to sales overnight. Total recovered liquid = 46 bbls. 83.8% LR. 373 bbls LTR.

Surface Casing  
13-3/8" at 300'

Intermediate Casing  
8-5/8" at 3,020'

2-3/8" 4.7# 1-80 Tbg (Class B)  
SN on 368 jts

SN at 11,361'

Lower Morrow Perfs  
11,439' - 11,445'  
11,485' - 11,489'

Production Casing  
5-1/2" at 11,636'

PBDT at 11,591' (+C)  
TD at 11,636'