

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources



OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

JUL - 2 2007

Form C-103
May 27, 2004

WELL API NO. 30 - 015 - 20573
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. K-6290
7. Lease Name or Unit Agreement Name Grace Carlsbad
8. Well Number 001
9. OGRID Number 233545
10. Pool name or Wildcat Carlsbad; Canyon, South (Gas) 73880

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator BOLD ENERGY, LP	
3. Address of Operator 415 W. Wall, Suite 500 Midland, Texas 79701	
4. Well Location Unit Letter I : 1980 feet from the South line and 660 feet from the East line Section 36 Township 22S Range 26E NMPM County Eddy	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3207.8' GR	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>	
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____	
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER **Plug back and recomplete to Canyon** ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

6/18/07: MIRU PU and F/B tank. Pumped FW to kill both tubing strings. 6/19/07: Shot equalizing holes in long string. Found collar stop at 10,055' in short string. Shot equalizing holes in short string. Worked to release seal assembly on short string. Would not release. Cut off short string at 10,054'. TOOH laying down short string. 6/20/07: Cut off long string at 10,150'. TOOH laying down long string. 6/21/07: Ran casing scraper to 10,052'. PU CR and begin TIH. 6/22/07: Finish TIH with CR and set at 10,052'. Pumped 310 sks Class H + 0.3% D-167 + 0.2% D-65 + 0.2% DB (Yeild = 65.7 bbls at 15.6 ppg). Standing squeeze obtained at 3,758 psi. 6/25/07: Ran correlation log and perforated Canyon 9,946' - 9,962' at 3 spf (48 holes), 120° phasing, 0.56" EHD. TIH w/1.50" F profile nipple, 1 jt 2-3/8" 4.7# L-80 tubing, 7" ArrowSet pkr (nickel coated), on/off tool with 1.78" F profile nipple and 318 jts 2-3/8" 4.7# L-80 tubing. Tubing landed with 12K lbs compression. 6/26/07: Flowed well to test tank. Recovered 30 bbls and died. SI well for 9 hrs. SITP = 2,800 psi. Flowed well to test tank. Recovered 2 bbls and died. Acidized Canyon interval with 4,000 gallons 15% HCL acid + 50 1.3 SG ballsealers at 7.3 bpm and 3,600 psi average. ISIP = 2,400 psi; 5 min SIP = 1,881 psi; 10 min SIP = 1,695 psi; 15 min SIP = 1,556 psi. LTR = 183 bbls. RD breakdown equipment. SITP = 1,100 psi. Open well to test tank on 20/64" ck. Recovered 50 BLW. FTP increased to 2,200 psi. SIW for night. 6/27/07: SITP = 3,075 psi. Leave well SI waiting on production equipment. **NOTE: Current WB diagram attached.**

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

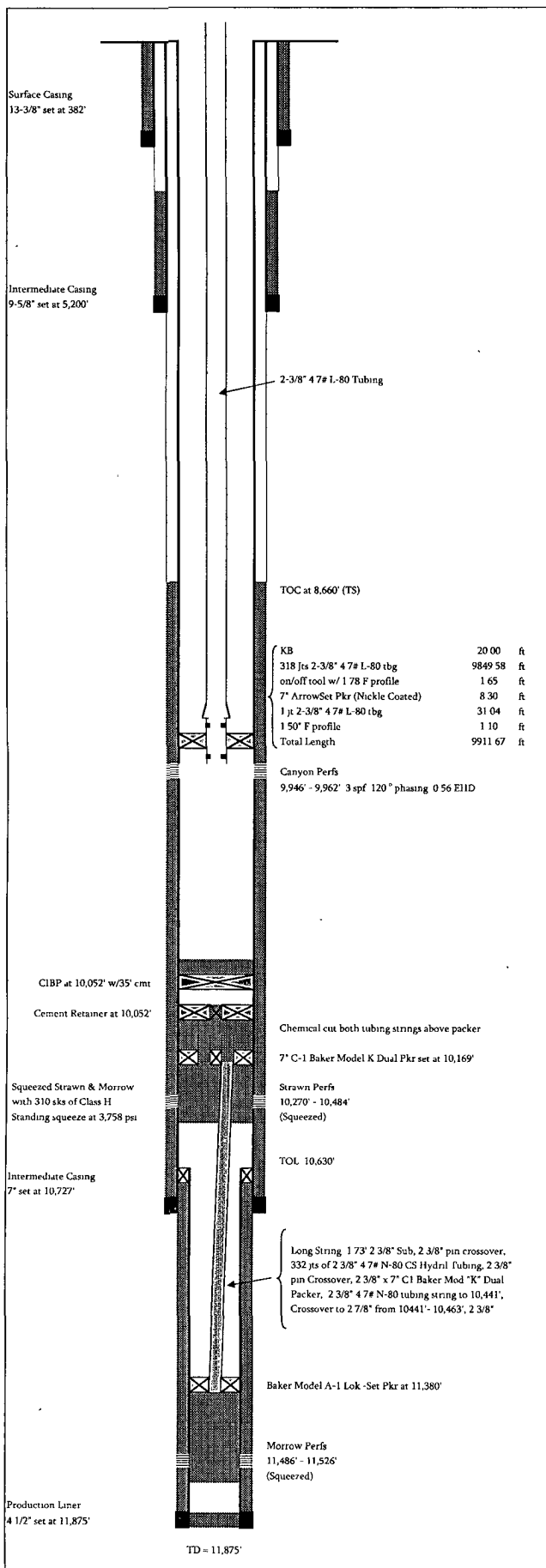
SIGNATURE TITLE **Operations Engineering Manager** DATE **6 / 27 / 07**
Type or print name **Shannon L. Klier** E-mail address: **shannon.klier@boldenergy.com** Telephone No. **432 / 686-1100**

For State Use Only

FOR RECORDS ONLY

JUL 06 2007

APPROVED BY: _____ TITLE _____ DATE _____
Conditions of Approval (if any): _____



BOLD ENERGY, LP

Grace Carlsbad #1

WI 100.0%
Elevation: 3,208' GL
KB 3,228'
Meas. TD 11,875'
TVD: 11,875'
PBD: 11764
Zone: Canyon

NRI: 80.0%
API: 30-015-20573
Surface Location 1980' FSL & 660' FEL
Legal Description Section 36 - 122S - R26E
Field South Carlsbad
County Eddy County
State: New Mexico

Casing	Hole	Weight	Grade	Top	Bottom	Burst	80% Burst	TOC
13-3/8"	17-1/2"	48#	H-40	0'	382'	2,730	2184	Surface (circ)
9-5/8"	12-1/4"	36#/40#	K-55	0'	5,200'	3,520	2816	1,451' (IS)
7"	8 3/4"	23#/26#	N-80/S-95/P-110	0	10,727'	6,340	5072	8,660' (TS)
4 5/8"	6 1/4"	11.6#	N-80	10630'	11,875'	7,780	6224	TOL

Date Event

2/11/1972 Spud
 4/2/1972 TD'd well
 DST (1) Interval 9910-9970 Tool opened and had gas to surface in 6 min on 1/2" choke Rate 1780 MCFD at 260 psi
 Opened 1.5 hours on 1/4" choke Rate 850 MCFD at 585 psi Recovered 21 bbls of gas-distillate ISIP 4858,
 IF 483 psi FF 1156 psi FSIP 4422 psi
 DST (2) Interval 10255-465 Tool opened had gas to surface in 9 min on 1/2" choke Rate 4,382 MCFD at 700 psi
 ISIP 4796 psi, IF 1,153 psi, FF 1,370 psi, FSIP 4783 psi
 DST (3) Interval 10755-11,073 Tool opened, weak blow to surface of air No gas
 4/4/1972 Perforate Strawn as follows 10,270-77, 10,385-89, 10,411-14, 10,421-24, 10,444-58, and 10,484-92
 2spf Thru-tbg Gun Specs unknown
 6/14/1972 Perforate Morrow as follows 11,486-88, 11,490-96, 11,498-11,505, 11,507-09, 11,511-14, 11,516-22, and
 11,524-26, 2spf Thru-tbg Gun Specs unknown

7/3-4/1973

Four Point Tests			
Morrow			
Choke	Rate	BHP	WH Pres
5/64	1181.2	4,289	3383
10/64	2726.1	4084	3234
14/64	4482.5	3820	2924
26/64	7870.5	3224	1834

Strawn			
Choke	Rate	BHP	WH Pres
9/64	1000.2	4,255	3121
12/64	1627	3726	2682
14/64	2209.2	3173	2254
18/64	2669	2472	1716

7/5/1972 Acidize Strawn with 5,000 gals of Mod 202 + N2 No details on treatment
 7/11/1985 RU CTU on Morrow String Jet well Had fill at 10,700' Clean out to 11,200'
 8/13/1985 CT Foamed acid on Morrow Pump 2,000 gals 7.5% HCL with N2 ISIP 4,380 psi 15 min 3,110 psi

SITP Pressure Data		
	Strawn	Morrow
9/15/1978	962	
9/20/1979	1018	300
7/16/1982	600	328
6/3/1983	872	
8/3/1984	798	393
7/22/1985	491	355
9/15/1986	495	
8/10/1987	448	457
9/11/1989	442	336
9/17/1990	470	325
12/6/1999	154	74
8/21/2000	153	160
10/6/2001	238	165
9/9/2002	160	130

9/25/2006 CSI compressor swapped out for Hanover compressor
 6/18/2007 Begin operations to recomplect to Canyon
 MIRU PU and F/B tank Pumped FW to kill both tubing strings
 6/19/2007 Shot equalizing holes in long string Found collar stop at 10,055' in short string Shot equalizing holes in SS
 Worked to release seal assembly on short string Would not release Cut SS at 10,054' LD SS
 6/20/2007 Cut LS at 10,150' LD LS
 6/21/2007 Ran casing scraper to 10,052' FIH w/ CR
 6/22/2007 Finish RIH with CR and set at 10,052' Pumped 310 sks Class H + 0.3% D-167 + 0.2% D-65 + 0.2% DB
 (Yield = 65.7 bbls at 15.6 ppg) Standing squeeze at 3,758 psi
 6/25/2007 Ran correlation log and perforated Canyon 9,946' - 9,962' at 3 spf w/ 120" phasing and 0.56" L11D
 Ran completion assembly as follows

KB	20.00 ft
318 Jts 2-3/8" 4.7# L-80 tbg	9849.58 ft
on/off tool w/ 1.78 F profile	1.65 ft
7" ArrowSet Pkr (Nickel Coated)	8.30 ft
1 jt 2-3/8" 4.7# L-80 tbg	31.04 ft
1.50" F profile	1.10 ft
Total Length	9911.67 ft

 Pkr set w/ 12K 1.8S compression
 6/26/2007 Blew well down - flowed 30 bbls and died SI for 9 hrs SITP = 2,800 psi Blew well down - flowed 2 bbls and died
 Acidized as follows 4,000 gallons 15% HCL acid + 50.1.3 SG BS at 7.3 bpm at 3,600 psi Final pressure = 5,136 psi
 ISIP = 2400 psi 5 min SIP = 1881 psi 10 min SIP = 1695 psi 15 min SIP = 1556 psi LTR = 183 bbls
 Opened well with SITP = 1100 psi Pressure increased to 2200 psi on 20/64" ck Recovered 50 BLW Gassing heavily
 6/27/2007 SITP = 3075 psi Duke changed orifice plate and obtained gas sample SI well until D Money returns from vacation