

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

Form C-103
May 27, 2004

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

WELL API NO. 30 - 025 - 37624	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No. LC 067715	
7. Lease Name or Unit Agreement Name Antelope Ridge Unit (Unit 891008492B)	
8. Well Number 025 11	
9. OGRID Number 233545	
10. Pool name or Wildcat Antelope Ridge; Atoka (Gas) 70360	

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3474' GR

Pit or Below-grade Tank Application ☐ or Closure ☐ (N/A)

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: **ESP INSTALLATION** ☒

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.

9/14/07: Begin operations to install ESP. SITP = 80 psi. SICP = 2,300 psi. Released pressure off tubing and casing. ND WH. NU BOP. 9/15/07: POOH w/ SN on 2-3/8" tubing. TIH w/ CBP and set at 11,500'. Ran CBL from PBDT to TOC. 9/20/07: Ran freepoint - 70% free at 9,000'; 50% free at 9,230'; 90% stuck at 9,500'; 100% stuck at 10,000'. Rig became unstable. 9/21/07: Moved rig 90°. Ran new freepoint with same results. 9/22/07: Ran new CBL up to 7,500'. 9/25/07: Shot 4 holes at 8,320' w/ casing punch. Broke circulation and displaced mud from annulus. Attempted to back off casing. Casing turned free w/ LH torque applied. 9/26/07: Jet cut casing at 8,475'. Laid down 196 jts 4-1/2" casing + 6' sub. 9/28/07: TIH w/ bit on 2-3/8" tbg and drill out CBP at 11,500'. Well on vacuum after drilling CBP. Tagged PBDT at 12,233'. Pressure up on tbg. Bit plugged. Shot holes in tbg at 12,000'. After allowing time to equalize, tagged FL at 3,845'. Circulated in and spotted 2,000 gallons 15% HCL acid above perms. With tbg SI, displaced acid through perms by pumping 360 bbls FW down annulus at 7 bpm at 0 psi. POOH w/ tbg. NU WH. Secure well and wait on electrical service to be installed. 10/21/07: Bleed pressure from well. ND WH. NU BOP. RIH w/ ESP on 2-7/8" 6.5# L-80 tbg. 10/22/07: Finish RIH w/ pump. Set end of pump at 8,454'. ND BOP. NU WH. Make final WH flowline connections and electrical connections to VSD. Begin pumping. **Current wellbore diagram attached.**

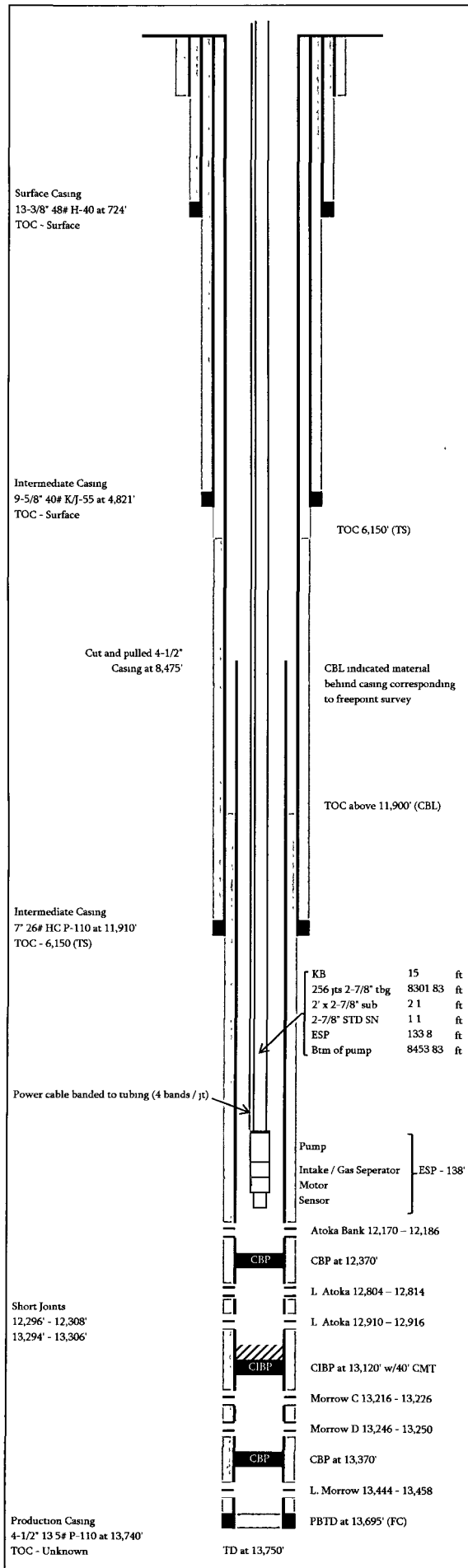
I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Shannon L. Klier TITLE Operations Engineering Manager DATE 10 / 25 / 07

Type or print name Shannon L. Klier E-mail address: shannon.klier@boldenergy.com Telephone No. 432 / 686-1100

For State Use Only

APPROVED BY: Harry W. Wink TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE OCT 29 2007
Conditions of Approval (if any):



BOLD ENERGY, LP Antelope Ridge Unit #11

WI: 50%
Elevation: 3,474'
KB: 17.5'
Meas. TD: 13,740'
TVD: 13,740'
PBD: 13,695' (FC)
Zone: Atoka

NRI: 42.5%
API: 30-025-37624
Surface Location: 1980' FNL & 810' FWL
Legal Description: Section 34 - T23S - R34E
Field: Antelope Ridge (Morrow)
County: Lea
State: New Mexico

Casing	Hole	Weight	Grade	Depth	Burst	80% Burst	TOC
20"				40'			Surface
13-3/8"	17-1/2"	48#	H-40	724'	1,730	1,384	Surface
9-5/8"	12-1/4"	40#	K/J-55	4,821'	3,950	3,160	Surface
7"	8-3/4"	26#	HC P-110	11,910'	9,960	7,968	6,150' (TS)
4-1/2"	6-1/8"	13.5#	P-110	13,740'	12,410	9,928	Above 7" shoe

Date	Event
2/13/2006	Spud
3/31/2006	Attempted to run OH logs Tools hung up at 12,377' - Atoka Shale Washed and reamed to btm Drilled extra 50 ft Did not run OH logs Returns observed throughout cementing operation
4/5/2006	Rig release
4/13/2006	Run CH logs
4/18/2006	Perforate 13,444' - 13,458' 3 spf 120 deg phasing 43 holes SLB 3-1/8" HVO gun using PowerFrac 3106 RDX 22.5 gm charges Breakdown with 50 bbls 3% KCL water + 10% Methanol + 2 gpt Surfactant ISIP = 6,905 psi FG = 0.913 psi/ft 15 min SIP = 747 psi Frac Lower Morrow with 2,624 bbls 30# Lightning + 120,000 lbs UltraProp 38.5 bpm and 8,964 psi average ISIP = 7,517 psi Incremental Pnet = 1,267 psi Recovered 1,533 bbls frac load before shutting in Could not sustain commercial gas rate at line pressure (+/- 500 psi)
5/4/2006	Set 10K CBP above Lower Morrow
5/11/2006	Perforate Morrow C & D as follows with 3-1/8" HVO gun using PowerFrac 3106 RDX 22.5 gm charges Morrow C 13,216' - 13,226' 3 spf 120° phasing 0.45° EHD 31 total shots Morrow D 13,246' - 13,250' 3 spf 120° phasing 0.45° EHD 13 total shots
5/12/2006	Attempt to breakdown perfs with nitrogen Pumped 600,000 scf nitrogen at 4,000 scfm increasing casing pressure from 180 psi to 7,400 psi. No apparent break Shckline gauges in hole during breakdown. Flowtest No methane gas to surface
5/16/2006	Perform frac treatment as follows. Placed 85,000 Lbs UltraProp from 2.0 - 9.0 ppa Using 30Q Nutrifed 30 LB Viking Fluid System Average press = 7,636 psi Average foam rate = 24.0 bpm ISIP = 10,170 PSI LTR = 702 BBLS Nitrogen = 657 MSCF
5/16/2006	Cleanout with CT No apparent fill Perfs clear Jet well to nitrogen Well blew down with no methane gas to surface
5/23/2006	Set CIBP at 13,120' w/ 40' CMT to PA Morrow Perforate Lower Atoka as follows with 3-1/8" HVO gun using PowerFrac 3106 RDX 22.5 gm charges 12,804' - 12,814' 3 spf 120° phasing 0.45° EHD 31 total shots 12,910' - 12,916' 3 spf 120° phasing 0.45° EHD 19 total shots Lower interval broke down independently at 3.8 bpm and 4,877 psi Using 15 bbls 3% KCL water ISIP = 4,770 psi FG = 0.811 psi/ft 15 min SIP = 3,326 psi
5/24/2006	Breakdown both perf sets with 8,000 gallons 15% HCL acid with 33 ball sealers dropped half way through acid APR = 24.5 at 7,350 psi before acid Final rate = 25 bpm at 6,900 psi after displacing acid. 300 psi of ball action ISIP = 4,811 psi FG = 0.814 psi/ft 15 min SIP = 3,978 psi LTR = 505 bbls Flowed back 49 bbls in 10 hours
5/29/2006	Set CBP at 12,370' Perforated Atoka Bank 12,170' - 12,186' 3 spf 120° phasing 0.45° EHD 49 total holes Set SL gauges 10' below btm shot and performed breakdown Formation broke w/ 26 bbls pumped at 10 bpm at 6,750 psi. Increased rate to 18 bpm at 7,222 psi. With acid on zone pressure = 6,196 psi at 14 bpm. With acid fully displaced pressure = 3,234 psi at 18 bpm Final pressure = 3,125 psi at 18 bpm ISIP = 1,435 psi 5 min SIP = 593 psi 10 min SIP = 492 psi 15 min SIP = 443 psi Total 15% HCL acid pumped = 177 bbls Total fresh water pumped = 250 bbls
5/30/2006	POOH w/ gauges. Extrapolated BHP = 5,592 psi Drillout CBP at 12,370' w/ CT & jet well in flowing Turn well to sales
6/2/2006	Ran SLB production log
6/6/2006	Set CBP at 12,370' Stuck setting tool while POOH POO rope socket and fish setting tool
6/15/2006	Ran 2-3/8" 4 7/8 L-80 tubing open-ended with 2-3/8" STD SN at EOT - 12,096' Swabbed in well SITP = 0 psi SICP = 0 psi IFL = 1,200' 6 runs w/ 54 bbl rec FFL = 150'
6/19/2006	Swabbed in well SITP = 60 psi SICP = 540 psi IFL = 8,400' FFL = 7,000' Rec 69 bbls wtr + 40 bbls oil
6/20/2006	Swabbed w/ 6 runs FL 9,400' scattered on all runs Rec 2 BO + 6 BW RIH w/ 1/4" capillary string to 13,063' and hang off Start pumping foamer
XXXX	Pulled cap string
7/16/2007	Performed nitrogen circulation to kick well off Operation not successful
9/14/2007	Begin operations to install ESP SITP = 80 psi SICP = 2,300 psi. Blow pressure off tubing and casing ND WH. NU BOPE TOOH w/ SN on 2-3/8" tubing TIH and set CBP at 11,500' Ran CBL from PBTD to TOC
9/15/2007	Run freepoint 9,000' 70% free, 9,230' 50% free, 9,500' 90% stuck, 10,000' 100% stuck
9/20/2007	Rig becoming unstable Moved rig 90 degrees Run new freepoint 8,500' 100% free, 8,700' 80% free, 9,000' 70% free, 9,230' 50% free, 9,500' 90% stuck, 10,000' 100% stuck Ran CBL from BPTD to 7,500'
9/25/2007	RIH w/ casing punch Shoot 4 holes at 8,320' Break circulation and displace mud from annulus Attempted to back-off casing Casing turned free with left hand torque applied.
9/26/2007	Jet cut casing at 8,475' Layed down 196 jts 4-1/2" casing + 6' sub.
9/28/2007	TIH w/bit on tbg and drill out CBP at 11,500' Well on vacuum after drilling plug Tagged PBTD at 12,233' Pressure up on tbg Bit plugged Shot holes in tbg at 12,000' After allowing time to equalize, tagged FL at 3,845' Circulated in 2,000 gals 15% HCL acid. Displaced acid thru perfs pumping 360 bbls FW down annulus at 7 bpm at 0 psi ISIP = 0 psi POOH w/ tubing NU WH Secure well and wait on electrical service
10/22/2007	Install ESP (WG ESP) and begun pumping