OCD-HOBBS

Form 3160-5 (April 2004)

UNITED STATES

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20(FORM APPROVED OM B No. 1004-0137 Expires March 31, 20
8 ₩(हे(दुर्ग	Lease Senal No

·	DEPARTMENT OF T BUREAU OF LAND M	•	" CCOIN	Expires March 31, 2007	
Do not use th	is form for proposal	REPORTS ON WE is to drill or to re-e 3 (APD) for such pro	LLS OCD	6. If Indian, Allottee or Tribe Name	
SUBMIT IN TR.		structions on rever		7 If Unit or CA/Agreement. Name and/or No. Bell Lake 8 Well Name and No.	
2 Name of Operator Bold Energy	, LP			9 API Well No	
3a Address 415 W. Wall St., Suite 500, Mic	lland, TX 79701	3b Phone No (include 432-686-1100	area code)	30-025-38291 10 Field and Pool, or Exploratory Area Wild	- a-1
4 Location of Well (Footage, Sec., Unit Letter B, 660' FNL & 198 Section 7, T23S, R34E, Lea Co	80' FEL,	on)		Bolt Lake; Morrow, North (Gas) De 1 11 County or Parish. State Lea County, New Mexico	au
12. CHECK AI	PPROPRIATE BOX(ES)	TO INDICATE NATUR	E OF NOTICE, RE	EPORT, OR OTHER DATA	
TYPE OF SUBMISSION		TYF	E OF ACTION		
Notice of Intent	Acidize Alter Casing Cooling Report	Deepen Fracture Treat	Production (Star	rt/Resume)	
Subsequent Report Final Abandonment Notice	Casing Repair Change Plans Convert to Injection	New Construction Plug and Abandon Plug Back	Recomplete Temporarily Aba Water Disposal		

13 Describe Proposed or Completed Operation (clearly state all pertunent details, including estimated starting date of any proposed work and approximate duration thereof If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones Attach the Bond under which the work will be performed or provide the Bond No on file with BLM/BIA Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection)

Bold Energy, LP respectfully requests to change the Bottom Hole Target from the Bell Lake; Morrow, North (Gas) to the Undesignated (Delaware). TD is changing from 13,550 to a TD of 8600', to make the objective the Delaware Sands (6700'-8460').

With this change the Drilling Program is also being changed. Please find attached a copy of the new drilling and cementing program along with

THDRAWN

JUL 2 3 2007

(ORIG. SGD.) FREDERICK WRIGHT

Title Agent for Bold Ener	gy, LP	
Date 7/5	107	
L OR STATE OFFICE	USE	
Title	Date	
	Date	
	Date 7/5 L OR STATE OFFICE	L OR STATE OFFICE USE Trtle Date

(Instructions on page 2)

DISTRICT I 1825 N. French Dr., Hobbs, NM 88240 DISTRICT II 1301 W Grand Avenue, 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 of Energy. Minerals and Natural Resources Department

OIL CONSERVATION DIVISION 1220 South St. Francis Dr. 1220 South St.

Santa Fe, New Mexico 87505

Form C-102

Cosubmit to Appropriate District Office

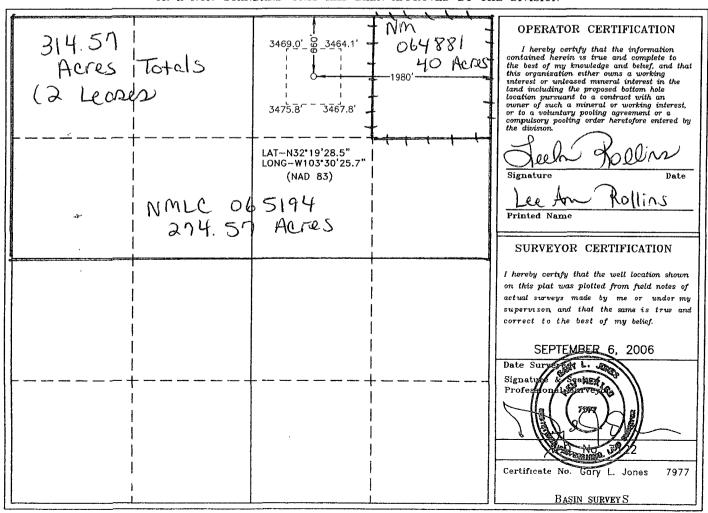
State Lease - 4 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

	Number			Pool Code	, 4	violent	Pool Name	_	
30-025	5-386	291	Undesignated (Dela				auare)		
Property					Property Nam	ie .		Well No	umber
3598	3				BELL LAK	E		24	ļ
OGRID N					Operator Nam	ne .		Eleva	tion ,
23354	15				BOLD ENER	GY		346	8'
					Surface Loc	ation	_		
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
В	7	23 S	34 E		660	NORTH	1980	EAST	LEA
			Bottom	Hole Loc	cation If Diffe	rent From Sur	face		
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acre	Dedicated Acres Joint or Infill Consolidation Code Order No.								
314.55)								

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



Delling Foognosis Revised / Delaware Objective: BOLD ENERGY, LP Field: Undesignated (Delawai Operator: Bell Lake Unit #24 API: 30 - 025 - 38291 Well: Drilling Permit: Approved by BLM - 1/19/07 AFE: 0600025 General Information 660' FNL & 1980' FEL, Section 7 - T23S - R34E Lea County, New Mexico Location: 3468' GL______TD: ____8600' **RKB**: ___18' Elevation:

Objective: Delaware Sands 6700' - 8460'

Drilling Contractor: Nabors Drilling #142

Contractor Office: 432 / 550-7808 Superintendent: Don Nelson (664-9990).

Toolpushers: Roy Brumfield / Martin Alvarado Cell: 432 / 664-9942

Sierra Supervisor: Tony Vickery / Greg Fore Cell: 432 / 557-1223

Drilling Program

Hole Size	Depth	Casing	Weight	Grade	Connect	Cement	ТОС
17½"	700'	133/8"	48	H-40	STC	600 sx	Surface
4.411	4050	0 "	00	HCK-55	STC	850 sx	Surface
11"	4850'	85/8"	32	J-55	STC		
77/8"	8600'	5½"	17	L-80	LTC	600 sx	4500'

Wellhead / BOPE

Wellhead	135/8" - 3K x SOW	13 5/8" - 3K x 11" - 5K	Tubinghead: 11" - 5K x 71/16" - 5K
BOPE	SRRAG	135/8" - 5 1	K Stack 700' - TD

Mud Program

Interval	Туре	ww	VIS	FL
0 – 700'	FW - Spud	8.4 - 9.2	32 - 34	NC
700' – 5100'	Brine	10.0	28 - 30	NC
5100' – 8600'	FW / Cut Brine	8.4 - 9.2	28 - 30	NC

Company: NOVA MUD, INC. 432 / 570-6663 Office: Dale Welch / Tech Advisor 432 / 557-1228

Engineer: Rick Rippy 505 / 631-9597 Warehouse: 800 / 530-8786

Delling F. Comesis

Bell Lake Unit #24 (Derawa

Geological Data

Geologist: John Worrall Phone: 505 / 622-5893 office 432 / 230-9431 Cell

Estimated Formation Tops: (RKB=3485')

Formation	Subsea	MD	Formation	Subsea	MD
Rustler	2455'	1030'	Target Sand	-3305'	6790' – 7015'
Salt	2285'	1200'	Target Sand	-4305'	7790' – 7805'
Anhydrite	355'	3130'	Target Sand	-4755'	8240' – 8265'
Salt	-365'	3850'	Target Sand	-4785'	8270' – 8275'
Anhydrite	-875'	4360'	Target Sand	-4865'	8350' — 8370'
Delaware	-1385'	4870'	Target Sand	-4965'	8450' — 8460'
Cherry Canyon	-2360'	5845'	Bone Spring	-9935'	8480'
Bs Manzanita	-2490	5975'	TD .	-10065'	8600'

Evaluation Program

Mud Logs: 4850' to TD Mud Logger: WOODCO Logging / Paul Amancio

Phone: Jim Wood 505 / 887-2469 office 505 / 361-3059 cell

DST / Coring Intervals: None Anticipated

E-Log Suite: Triple Combo TD - 85/8" shoe. Pull GR - N to surface. Potential 20 SWC No RFT's

Logging Company: Halliburton Contact: Richard Kelley

Location: Hobbs, New Mexico Phone: 505 / 914-0324 cell 505 / 392-0776 office

Completion

Completion is expected to be a single, rod-pumped Delaware oil well. Intervals within objective zone will be selectively perfed, fraced down 5½" casing and placed on rod pump.

Emergency Contacts / Notifications

Sierra Engineering	. Drilling Superintendent	Russ Ginanni	432 / 425-7450 cell 432 / 683-8000 off
Sierra Engineering	HSE Manager	Montie Low	432 / 559-8950 cell 432 / 683-8000 off
Bold Energy, LP	President	Joe Castillo	432 / 230-0202 cell 432 / 686-1100 off
Bold Energy, LP	VP – Engineering	David Cox	432 / 230-9778 cell 432 / 686-1100 off
BLM	Hobbs Field Station	Notifications Engineering	505 / 393-3612 505 / 706-2779

Directions

From the junction of County Road 21 and State Highway 128, (1) go north on CR 21 for 7.3 miles to lease

BOLD ENERGY, LP

Bell Lake Area (Delaware) - Cementing Program

Note: cement types, volumes and slurry designs may change based on hole conditions (lost circulation, washout severity, pay zone depths, etc.).

133/8" Surface Casing - cement to be circulated to surface

Cement surface casing with 350 sx 35:65 POZ - Class "C" w/ 3% $CaCl_2$, 6% gel, 5 PPS kolite and ¼ PPS cello flake (12.6 ppg, 1.99 yield) followed by 250 sx Class "C" containing 2% $CaCl_2$ and ¼ pps of cello flake (14.8 ppg, 1.34 yield). Displace wiper plug with freshwater. Pump sufficient cement to circulate to surface - add additional LCM if needed and consider adding an additional lead slurry of "thixatropic" cement if lost circulation warrants its use.

85/8" Intermediate Casing - cement to be circulated to surface

Cement 85/8" casing w/ 650 sx 50:50 POZ - Class "C" with 5% salt, 10% gel, ¼ PPS cello-flake and 5 PPS kiloite (11.8 ppg, 2.45 yield) followed by 200 sx Class "C" with 2% calcium chloride (14.8 ppg, 1.34 yield). Displace wiper plug with freshwater.

5½" Production Casing - TOC @ 4500' = 300' above 85/8" shoe

Cement production casing with 200 sx 50:50 POZ – Class "H" containing 10% gel and 0.3% FLA followed by 400 sx 15:61:11 POZ - Class "H" - CSE-2 containing 3% salt, 5 PPS kolite, 0.5% FL-25, 0.5% FL-52A and 0.5% BA-10A. Displace wiper plug with freshwater.

