Submit To Appropriate District Office State of New Mexico Form C-105 State Lease - 6 copies Revised June 10, 2003 Fee Lease - 5 copies Energy, Minerals and Natural Resources District I WELL API NO. 1625 N French Dr , Hobbs, NM 88240 30-015-34205 District II Oil Conservation Division 1301 W Grand Avenue, Artesia, NM 88210 5. Indicate Type of Lease 1220 South St. Francis Dr. District III STATE FEE 🖂 1000 R10 Brazos Rd, Aztec, NM 87410 Santa Fe, NM 87505 District IV State Oil & Gas Lease No. 1220 S St. Francis Dr , Santa Fe, NM 87505 WELL COMPLETION OR RECOMPLETION REPORT AND LOG la. Type of Well: 7. Lease Name or Unit Agreement Name OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER DEC 14 2007 b. Type of Completion Esperanza "24" OCD-ARTES A NEW ☑ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. RESVR OTHER WELL **OVER BACK** 8 Well No. 2. Name of Operator **BOLD ENERGY, LP** 001 9. Pool name or Wildcat 3. Address of Operator 415 W. Wall Street, Suite 500 Midland, Texas 79701 Carlsbad; Morrow, South (Pro Gas) 4 Well Location Unit Letter F: 1685 Feet From The North Line and 1935 Feet From The West Section 24 Township **22S** Range 26E **NMPM** Eddy County 14. Elev. Casinghead 12. Date Compl. (Ready to Prod.) 13. Elevations (DF& RKB, RT, GR, etc.) 10. Date Spudded 11. Date T.D. Reached 5/27/07 7/16/07 10/18/07 3171' (GR) 17. If Multiple Compl. How Many 16. Plug Back T.D. Cable Tools 15. Total Depth 18. Intervals Rotary Tools Zones? Drilled By 11,910' 11,660' (CIBP) 19. Producing Interval(s), of this completion - Top, Bottom, Name 20 Was Directional Survey Made 11,437' - 11,594': Morrow Yes 21 Type Electric and Other Logs Run 22, Was Well Cored Dual Laterolog Microguard; Spectral Density Dual Spaced Neutron (on file) No 23. **CASING RECORD** (Report all strings set in well) HOLE SIZE CEMENTING RECORD **CASING SIZE** WEIGHT LB /FT. DEPTH SET AMOUNT PULLED 13.375" 48# 429' 17.5" 450 sx Surface (circ) 9.625" 1,950' 815 sx 36# 12.25" Surface (circ) 7" 26# 8,986' 8.75" 429 sx 1,620' (TS) 4.5" 13.5# 11,900' 6.125" 300 sx 8,800' (CBL) LINER RECORD 25. TUBING RECORD 24 SIZE TOP BOTTOM SACKS CEMENT | SCREEN SIZE DEPTH SET PACKER SET 2-3/8" 11,391' N/A Perforation record (interval, size, and number) 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. 11,437' - 11,441' 16 holes 0.43" EHD DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 11,452' - 11,456' 16 holes 0.43" EHD 810 bbls 30# Lightning Fluid + 40,500 lbs VersaProp 11,736' - 11,740' 11,502' - 11,506' 12 holes 0.42" EHD 11,590' - 11,594' 763 bbls 30# Lightning Fluid + 25,000 lbs VersaProp 11;534' - 11,538' 12 holes 0.42" EHD 11,590' - 11,594' 12 holes 0.46" EHD 464,000 scf Nitrogen (breakdown) + 683 bbls 30# PurGel 11,502' - 11,538' 11,736' - 11,740' 12 holes 0.42" EHD + 65% CO2 + 45,200 lbs Versa Prop 11,763' - 11,767' 12 holes 0.42" EHD 15 bbls 3% KCL wtr (breakdown) + 581 bbls 30# 11,437' - 11,456' 11,818' – 11,822' 12 holes 0.42" EHD **PurGel + 65% CO2 + 37,464 lbs Versa Prop PRODUCTION** Date First Production Production Method (Flowing, gas lift, pumping - Size and type pump) Well Status (Prod. or Shut-in) 11/29/07 Flowing **Producing** Hours Tested Gas - MCF Date of Test Choke Size Prod'n For Oil - Bbl Water - Bbl. Gas - Oil Ratio Test Period 11/29/07 24 48/64" 268 91 2.95 Oil - Bbl. Flow Tubing Casing Pressure Calculated 24-Gas - MCF Water - Bbl Oil Gravity - API - (Corr.) Press. Hour Rate 0 268 91 N/A 29. Disposition of Gas (Sold, used for fuel, vented, etc.) Test Witnessed By Sold **Donny Money** 30. List Attachments Current Wellbore Diagram. Note: Well Logs and Deviation Data Sent in with C-103
31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief Signature Printed Namè Shannon L. Klier Title Operations Engineering Manager Date 12/11/07 E-mail Address shannon.klier@boldenergy.com

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico				Northwestern New Mexico				
T. Anhy	T. Canyon			T. Ojo Alamo	T. Penn. "B			
T. Salt		T. Strawn	10,282	T. Kirtland-Fruitland	T. Penn. "C"			
B. Salt		T. Atoka	10,790	T. Pictured Cliffs	T. Penn. "D"			
T. Yates		T. Miss		T. Cliff House	T. Leadville			
T. 7 Rivers		T. Devonian		T. Menefee	T. Madison			
T. Queen		T. Silurian		T. Point Lookout	T. Elbert			
T. Grayburg		T. Montoya		T. Mancos	T. McCracken			
T. San Andres		T. Simpson		T. Gallup	T. Ignacio Otzte			
T. Glorieta		T. McKee		Base Greenhorn	T. Granite			
T. Paddock		T. Ellenburger		T. Dakota	Т.			
T. Blinebry		T. Gr. Wash	-	T. Morrison	Τ .			
T.Tubb		T. Delaware Sand	1,945	T.Todilto	Т.			
T. Drinkard		T. Bone Springs	5,308	T. Entrada	T.			
T. Abo		T.		T. Wingate	T.			
T. Wolfcamp	8,910	T.		T. Chinle	T.			
T. Penn	10,282	Т.		T. Permian	Т.			
T. Cisco (Bough C)		Т.		T. Penn "A"	T.			

OIL OR GAS SANDS OF	R ZONES			
No. 1, fromNone	to	No. 3, from	toto	• • • • • • • • • • • • • • • • • • • •
,	to	*		
Include data on rate of water	IMPORTANT Vinflow and elevation to which water	er rose in hole.		
No. 1, fromNone	to	feet		
•	to			
•	to			

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	То	Thickness In Feet	Lithology		From	То	Thickness In Feet	Lithology
0	1945	1945	Guadalupian Series					
1945	5308	3363	Delaware Mountain Group Sandstones					
5308	8910	3602	Bone Spring, limestone, sandstone					
8910	10282	1372	Wolfcamp Shale, Limestone					
10282	10790	508	Strawn Limestone, Shale					
10790	10978	188	Atoka Shale, Sand					
10978	11310	332	Morrow Limestone & Shale					
11310	11910	600	Morrow Sandstone & Shale					
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	MD AZI TVD DIS 1.D BOLD ENER				Y, LP		Esperanza 24-1			
Surface Casing 13-3-28" at 429'	0 360 0 0 0 0 0 0 0 100 439 100 018 016 200 114 200 025 043 400 350 400 039 078 600 327 600 153 377 800 321 800 02 132 1,000 329 1,000 329 1,000 329 1,000 329 1,000 329 1,000 329 1,000 329 1,000 1,0	WI/NR: 75%/57.42% Elevation: 3,171 (GL) KB: 18' Meas. TD: 11,910 (MD) TVD: 11,770 (TVD) PBD: 11,854 FC (MD) Zone: Morrow			Surf Legal BH Legal	API: 30-015-34205 Surface Location 1685° FNL & 1935° FWL Surf Legal Description UL '1" Section 24 - T225 - R26E BH Location 669° FNL & 1012° FWL BH Legal Description UL '7" Section 24 - T225 - R26E Field: South Carlsbad County, State Eddy, New Mexico				
TOC behind 7" at 1,620' (by Temp Survey)	1,400 61 4 1,399 1 04 31 4 1,600 105 1,599 0 73 29 1	Casing	Hole Weigh	nt Grade	Depth (MD/TVD)		Burst	Sacks	TOC	
Intermediate Casing 9-5/8" at 1,950"	1,800 114 1,799 033 254 2,000 117 1,999 033 25 4 2,200 82 2 2,199 0.63 22 2 2,400 46 2 2,399 0.07 27 2,600 15 2 2,599 0.72 33 4	20° 13-3/8° 9-5/8 7° 4-1/2°	17-1/2° 48# 12-1/4° 36# 8-3/4° 26# 6-1/8° 13.5	J-55 P-110	43' 429' 1,950' / 1,949' 8,986' / 8,906 11,900' / 11,760'	740 2,020 6,230 10,690	1,730 3,520 9,960 12,410	450 (107 bbls) 815 (315 bbls) 429 (448 bbls) 300 (85 bbls)	Surface Surface Surface 1,620' (TS) 8,800' (CBL)	
200 y 60 y	2,800 359 2,799 039 403 3,000 353 2,999 011 463 3,200 348 3,198 03 515 3,400 332 3,398 022 552	Date 5/27/2007	Event Spud	* P-110	11,500,711,700	10,890	12,410	SUU (OS BBIS)	8,800 (CBL)	
		7/16/2007 7/23/2007 7/25/2007 7/26/2007 7/26/2007	Ran HES radial CBI Perforated Lower M Broke at 4,250 psi .5 min SIP = 1,600 p 11 763' - 11 767' & SICP = 325 psi Blev Frac'd down casing APR = 19 9 bpm A' ISIP = 3,156 psi, 5 n							
1. The state of th	5,502 313 5,499 13 75 8 5,594 315 5,590 1 44, 88 1	}	Day Rec	Tot Rec	LTR	% Rec	iFL.	<u>FFL</u>	Final CP	
27. 12. 14. 15. 14. 15. 15. 15. 15. 15. 15. 15. 15. 15. 15	5,688 313 5,682 0.39 102 5,780 313 5,773 1.09 116 5,875 311 5,867 1.23 132		1 54 2 108 3 189	162	756 648 459	6.7% 20.0% 43.3%	4500 700 500	700 1000 1250	0 375 600	
2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	5,966 313 5,956 2.35 150 6,060 310 6,048 0.57 170		4 225 5 198	576	234 36	71 1% 95 6%	1300 2000	1300 700	750 800	
364 pts 2-3/8" 4 7 # L-80 Tbg	6.152 313 6.137 11 189 6.247 319 6.231 31 6.281 313 6.28 6.342 321 6.323 0.76 228 6.343 318 6.506 111 266 6.528 318 6.506 111 266 6.621 326 6.596 486 288 6.716 328 6.571 41 314 6.810 325 6.778 139 337 6.905 313 6.871 32 38 6.999 311 6.963 127 379 7.093 318 7.054 1.69 400 7.185 318 7.144 174 420 7.281 313 7.288 1.91 4.88	8/2/2007 8/4/2007	TIH w/ SN on 2-3/8 ISIP = 4,089 pst, 5 n Frac'd Middle Morn ISIP = 7,757 pst Op No nitrogen returns Stabilized injection Pressure remained a 763 bbls fra	Morow interva. " tubing, Hole nin SIP = 3,136 ow with 24,03 ened tubing to a observed after pressure down at 2,900 psi for ac load to recor ac load to recor	i 11,590" - 11,594" at 3 loaded w/ 2bbls. Pum SIP = 2,727 S; 10 min SIP = 2,727 S Ibs Versa Prop in 30 i FB tank. Began pum pr pumping a full eru annulus = 2,800 ps : 30 minutes. (High-en ver	nped 10 bbl KCL psi, 15 min SIP # Lightning fluc ping N2 down at lation volume. SD nitrogen pun d BHP estimate	wtr breakdov = 2,493 psi, 1 d at ATP = 8,6 nnulus. np.	vn. Broke at 5,195 HR SIP = 1,721 psi 29 psi APR = 10 3	bpm	
	7,376, 310 7,332, 137 455 7,471 314, 7,425 125 474 7,565 312 7,517 0 62 493	8/4/2007 8/5/2007	Day Rec 1 178 2 91		LTR 585 541	% Rec 23 3% 35 3%	IEL (Flo 6800	EEL wing Back) 8000	Final CP 2900 450	
S	7,660 319 7,610 2.08 513 7,754 317 7,702, 1.34 530	8/6/2007 8/7/2007	3 43 4 7	312 319	498 491	40 9% 41 8%	7100 9600	8900 10000	310 400	
Intermediate Casing 7 at 8,986	7,848 320 7,794 0 46 547 7,941 0 321 7,886 1 57 564 8,034 318 7,977 0 97 583 8,128 313 8,059 1 38 604 8,222 316 8,160 0 64 656 8,315 313 8,260 0 0 75 648 8,099 315 8,342 0 21 670 8,509 317 8,435 0 73 662 8,508 315 8,542 0 21 670 8,509 315 8,542 0 1 670 8,509 315 8,542 0 1 73 8,598 315 8,542 0 1 73 8,598 315 8,546 0 713 8,598 315 8,546 0 713 8,598 315 8,546 0 713 8,598 319 8,918 7 129 770 8,919 319 8,918 0 806 9,111 314 9,207 1 129 770 9,080 317 8,998 0 806 9,111 314 9,307 1 665 827 9,299 320 9,120 6 65 827 9,299 320 9,120 6 65 827 9,394 314 9,307 1 79 866 9,490 312 9,401 0 63 884 9,583 313 9,492 0 90 9	8/8/2007 8/9/2007 8/10/2007 8/10/2007 8/14/2007 8/15/2007 8/15/2007 8/17/2007 8/19/2007 8/19/2007 8/19/2007 8/19/2007 8/19/2007 8/19/2007 8/19/2007 8/19/2007 8/19/2007 8/19/2007 8/19/2007 8/19/2007 8/19/2007	Tested plug to 5 Kp c Circulate wellbore t 11,502' - 11,508' & RIB w/ 51, gauges to the ded, gamma at 5,90 Used 464,000 Sign at 5,90 Used 464,000 Sign at 5,90 Used 464,000 Sign at 5,90 Used 546,000 Si	as with KCL, with on Nitrogen TC 11,534° - 11,530° 11,550°, on with nitrog 00 par ISIP - 5 trogen total Lt NOH w/SL gau "ck. Blew dow at on frac date	,	E forate Middle M 0 42" EHD w/ 3- 000 scfm Pumpe 5,650 psi, 10 mi ver weekend 1 BHP - 5,266 ps rs. No show of ru	iorrow -1/8' csg guns ed into forma n SIP = 5,575 u atural gas.	psi, 15 mun SIP = 5		
Morrow Perfs 11,437' - 11,441'	9,679 314 9,587 -0 21 919 9,753 315 9,659 0 27 932	8/24/2007	Placed 45,200 lbs 18	V40 Versa Prop	ure stimulated Middle in formation w/ 65Q formation Left +/- 15	CO2 / 30# PurC	el at Qavg = :	25 4 bpm Pavg = 7,	155 ps:	
11,452 - 11,456' Middle Morrow Perfs 11,502 - 11,506' 11,534 - 11,538' Tagged fill at 11,588'	9.849 316 9.754 -1.88 948 9.945 308 9.849 1.35 964 10.020 311 9.932 2.59 980 10.1025 316 10.025 2.01 10.01 10.021 315 10.11 9.021 3021 10.320 317 10.215 1.41 10.43 319 10.306 9.86 10.64 10.509 318 10.00 3.83 10.85 10.604 316 10.422 0.32 110.5	8/25/2007 8/26/2007 8/27/2007 8/28/2007	Flowed back 369 bbl Flowed back 22 bbls Well dead RU PU F SITP = 950 psi SICP 10 bbls and died. Fin SITP = 820 psi SICP Well flowed 3 hrs m Total load recovery	is in 18 hours - making load r RIH w/ 370 jts - 750 psi RU ial CP = 400 ps - 820 psi, SFL aking 15 bbls - 489 bbls (71	HES equipment from " 54% laod recovery ecovery 391 bbls = 57 of 2-3/8" tbg w/ STD! swab unit. SFL = 3,5 in Total load recovery . = scattered to 3,500' Two swab runs after 7%) SIW for BU at 2	%. SN Tagged botto 00'. EFL = 9,500 = 474 bbls (69 5 and solid to 7,80 well died with n	om Perfs cles '. Swabbed 73 5%) SIWON 00' Well kick	r SN at 11,485' bbls Well flowed		
Middle Morrow Perfs 11,590' - 11,594'	10,700 316 10,586 0 42 1124 10,792 312 10,676 0 1144 10,887 325 10,769 0 53 1164	8/29/2007 8/30/2007 8/31/2007	SITP = 1180 psr SIC SITP = 1750 psr SIC SITP = 2125 psr SIC	P = 1100 psi P = 1600 psi					:	
CIBP at 11,660' Lower Morrow Perfs 11,736' - 11,740'	10,983 327 10,863 -0 21 1184 11,078 325 10,956 1 05 1205 11,174 320 11,049 0 1 1228 11,268 315 11,140 0 85 1249	9/1/2007 9/3/2007	SITP = 2350 psi SICI SITP = 2350 psi SICI SITP = 2350 psi SICI Performed 33 hour fl	P = 2275 psi P = 2350 psi P = 2350 psi lowtest. Final l	FTP = 75 ps; and CP =	= 450 ps. on 24/6	i4" CK Recov	ered 98.5 BI,W		
Production Casing 4-1/2" at 11,900' PBTD = 11,854" FC (MD)	11,565 310 11,235 0 1270 11,461 39 11,329 2.4 1239 11,576 318 11,442 174 1312 11,576 322 11,536 167 1331 11,767 323 11,679 324 13,700 0 1372	10/2/2007	Total load recovery of Shut in & evaluate SITP = 2400 psi SICI SITP = 2400 psi SICI TIH w/ JB & GR. Set 11 452' - 11 456' (4') 3% KCL water at 3 b	= 588 bbls (86) P = 2400 psi P = 2400 psi B CBP at 11,480 w/ 4 sof 120° i pm & 3,500 ps	1%). Remaining load	Spot KCL mix v CBP to 5,000 psi shots) Broke do nin SIP = 2,500	water and PO Perforated I own at 3.880 psi 10 min SI	OH w/SN & tbg Morrow w/ 3-1/8° c ns: Pumned 15 bbl P = 2,250 ps:		
TD = 11,910' (MD) 10/18/2007 Ran TechWell production survey Tagged PBTD at 11,588' Flowed well over Total load recovered during flow penod = 191 BW (93% load recovery). 11/16/2007 SITP = 2,150 psi SICP = 2,050 psi Begin facility and pipeline construction	nite	10/6/2007	SICP = 580 psi Bled MIRU HES Frac Equ Placed 37,464 lbs 18/	off pressure N ipment. Fracti /40 VersaProp	D BOP NU Frac Hea- ire stimulated Middle in formation w/ 65Q	d. Morrow, 11,437 CO2 / 30# PurG	7' - 11,456' as el at Qavg = 2	follows 18 0 bpm Pavg = 7,3	763 psı	
11/16/2007 S1F 2 - 2.130 psi SicP - 2.050 psi Begin Becliny and pipeline construction 11/29/2007 Pti well to sist set 23 0pm. 24 hour Gas volume - 268 mcf 0.1 - 0 bbls. Wate 11/30/2007 Gas - 87 mcf 0.1 - 0 bbls. Water - 10 bbls. 97 4% Load Recovery 12/1/2007 Gas - 38 mcf 0.1 - 0 bbls. Water - 35 bbls. 12/2/2007 Gas - 18 mcf. Oil - 0 bbls. Water - 50 bbls. 12/3/2007 Gas - 84 mcf Oil - 0 bbls. Water - 52 bbls. (101 5% LR)	10/8/2007 10/9/2007 10/12/2007 10/15/2007	ISIP = 10,142 psi Im	mediately RD s in 18 hours = c on 2" CT and a all stages = 1; 4 7# L-80 tubs 1 316 bbls flow 1,784 bbls out P = 1,550 pss	088 bbls. ing, ND BOPE. NU W ing overnight. Total r	WH and began Remaining LTF 480' & 11,570' w 'H Swab back 2- remaining load to	flowback. LT R = 376 bbls sing 70Q foar 4 bbls and we o recover fror	R = 581 bbls. n Spot KCL mix & Il kicked off n all stages = 679 b			

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Arrant, Bryan, EMNRD

From: D Menoud [denise_graysurfacespecialties@yahoo.com]

Sent: Wednesday, April 25, 2007 3:14 PM

To: Arrant, Bryan, EMNRD

Cc: SHANNON KLIER; DWAINE MOORE-work; LEE ANN ROLLINS

Subject: Fw: Esperanza "24" - Bold Energy - API 30-015-34205

RE: Esperanza "24" #1 API #30-015-34205 **Bold Energy**

Bryan, attached is the new Directional Survey and the new Drill Plan for the above well we talked about for your review to see if we can proceed. I also attached the Pure Approved APD from the OCD website.

I'm preparing a Sundry with plat and H2S plan with Bold's contacts, and will attach the new plans. I'll either mail in or I can bring them down to you.

Thank you Bryan.

DENISE MENOUD

Phone / Fax: 505-457-2019; Cell: 432-556-6272

denise_graysurfacespecialties@yahoo.com Gray Surface Specialties Midland: 432-685-9158

---- Forwarded Message ----

From: D Menoud <denise_graysurfacespecialties@yahoo.com>

To: "Arrant, Bryan, EMNRD"

 toryan.arrant@state.nm.us>

Cc: SHANNON KLIER <shannon.klier@boldenergy.com>; DWAINE MOORE-work

<dwaine@graysurfacespecialties.com>; LEE ANN ROLLINS <leeann@graysurfacespecialties.com>

Sent: Tuesday, April 24, 2007 1:59:05 PM

Subject: Re: Esperanza "24" - Bold Energy - API 30-015-34205

Hi Bryan.

Waiting on the new directional plan to email to you for review with the new BHL.

It went from 750 FNL & 1400 FWL to 660 FNL & 990 FWL.

So I'll correct the BHL on the plat that is on file, scan and attach also.

I'll also send you another H2S plan with Bold's contacts.

The 4-1/2" casing cement would top will be a few hundred feet above the 7" casing shoe, but not to surface. This change will be on the new Drill Prog or we can just list the change on the Sundry.

As soon as we get the new plans, I'll forward them on to you to see if they can move on the well by approx. May 4. We would, of course, send an original Sundry in for your files. Bold will also submit the paperwork necessary for the change of op on the APD. I'll get with Carmen on that.

We weren't sure what we could change on the APD with a Sundry and hoped we didn't have to start from scratch with a new APD. By passing it over with you first, we'll be sure where we stand and Bold can make plans accordingly.

Thank you Bryan. 🙂

