District I 1625 N. French Dr , Hobbs, NM 88240 District II 1301 W Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources FEB 26 2008

OCD-ASILE STAPPROPRIATE District Office

Form C-101 May 27, 2004

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505



☐ AMENDED REPORT

APPL	ICATI	ON FO	R PERMIT	TO D	RILL, RE-	ENTE	R, DI	EEPEI	N, PLUGB	ACK,	OR AD	D A ZONE	
BOLD EN	ERGY, L	P	¹ Operator Name							² OG	RID Number 233545	r	
415 W. Wa Midland, T	all Street,	Suite 500								30 - 0	PI Number 15 — 3573	8	
³ Prope	erty Code				? Property	Name Wel					° Wel		
354	447			*****	Solomon St	ate Com			10 -		1`	Υ	
	,		Proposed Pool 1 Track; Atok	a (Gas)	0/0	45	¹⁰ Proposed Pool 2						
		Turkey	Track, Atok	a (Gas)	⁷ Surface		<u></u>				- 180		
UL or lot no	Section	Township	Range	Lot				outh line	Feet from the	Fas	st/West line	County	
Н	10	19S	29E		1,4			orth	840		East	Eddy	
			8 Propo	sed Bott	om Hole Loca	tion If D	ifferen	t From	Surface				
UL or lot no	UL or lot no Section Township Range Lot Idn Fe							outh line	Feet from the	Eas	st/West line	County	
L				Ac	Iditional We	ell Infor	matic	on					
11 Work	Type Code		12 Well Type Co		13 Cabl	e/Rotary			Lease Type Code		15 Grou	and Level Elevation	
16 x									S 19 Contractor		:	3,375' 20 Spud Date	
						mation oka		,	Unknown			12/19/07	
Depth to Groundwater Distance from nearest fresh water well Distance from nearest surface water									ater				
Pit: Liner: Syntheticmils thick ClayPit Volume:bblsDrilling Method:													
Close	ed-Loop Sys	tem 🔲			uired For W				ater Brine	Diese	l/Oıl-based	Gas/Aır	
			²¹ Propo	sed Ca	sing and Ce	ment P	rogra	m - A(CTUAL				
Hole S	Size	Ca	sing Size	Casin	g weight/foot	Se	tting De	epth	Sacks of	Cement		Estimated TOC	
17.5	5"	1	3.375"		48#	300' 66			55		Surface (1")		
11'	,		3.625"		32#		3,020' 90			00	_	Surface (circ)	
7.87	5"		5.5"		17#	1	11,63 <u>6</u>	<u>5'</u>	1,2	285		Surface (circ)	
²² Describe t	he proposed	l program.	If this application	is to DEE	PEN or PLUG B	ACK, give	the dat	a on the p	resent productiv	e zone an	nd proposed	new productive zone.	
			ogram, if any. Us							,			
Current co	mpletion	: 11,636	TD 11,591 PE	BTD Mo	rrow Perfs: 11	.,439' – 1	1,445	s'; 11,48	5' – 11,489'.				
Proposed	procedure	a. TA Mo	rrow and re-co	mnlete	to the Atoka I	Datailad	nroce	idura ci	irrent and ni	nnnsad	l wellhore	diagrams	
attached.				mpiete	to the Atoka.	Detailed	proce	uui e, ci	arrent and pi	орозси	Weilbore	ulagi allis	
1) Pull exis	ting tubir	ng. 2) WL	set CBP at 11,	400' w/2	20' cmt cap. 3 ') Perfora	te 10.	862' – 1	.0.864' & per	form br	eakdown.	. 4) Perforate	
10,856' - 1	10,858′ &	10,827	- 10,829'. 5) T	IH w/ tuk	oing open-end	led. 6) Fr	acture	e stimul	ate via annul	us with			
using 30#	Viking Flu	id at 30 i	pm + 10,000 s	scim Nitr	ogen. /) Flow	back and	i test.	8) Put v	well on produ	iction.			
12													
			on given above is further certify th					OIL C	CONSERV	ATION	J DIVISI	ION	
constructed	according t	to NMOCI) guidelines 🔲, :	a general į	permit 🔲, or			OIL C		11101			
ì	l) alternativ	e OCD-ap	proved plan .	MIA		Approve	ed by:	_	and a				
Signature:	518 2/24/02							BRYAN G. ARRANT					
Printed name	Printed name: Shannon Klier							Title: DISTRICT II GEOLOGIST					
Title Oper	ations En	gineering	Manager			Approval Date: FEB 2 6 2008 Expiration Date: FEB 2 6					B 2 6 —		
E-mail Addre	ess <u>shann</u>	on.klier@	boldenergy.c	<u>om</u>								2010	
Date: 12/12	2/07		Phone: 432	-686-110	00	Conditio	one of A	nnroval A	ttached				

District I 1625 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 Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr.

Form C-102 Revised October 12, 2005 Submit to Appropriate District Office

State Lease - 4 Copies

Santa Fe, NM 87505

1,	API Number	7		² Pool Code	;		³ Pool Na	me			
3	0-015-35738			86445			Turkey Track; A	toka (Gas)			
4 Property (Code				⁵ Property	Name			6 W	ell Number	
35447	Į	Solomon State Com 1Y									
7 OGRID	No.				⁸ Operator	Name			9	Elevation	
233545		BOLD ENERGY, LP 3,375'									
					¹⁰ Surface	Location					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Wes	t line	County	
Н	10	198	29E		1,429	North	840	East	:	Eddy	
			11 Bo	ottom Ho	le Location I	f Different From	m Surface	-			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Wes	t line	County	
Dedicated Acre	es 13 Joint of	r Infill 14 C	onsolidation	Code 15 Oi	rder No.	<u> </u>					

division.

16				¹⁷ OPERATOR CERTIFICATION
				I hereby certify that the information contained herein is true and complete
				to the best of my knowledge and belief, and that this organization either
				owns a working interest or unleased mineral interest in the land including
		1,429		the proposed bottom hole location or has a right to drill this well at this
				location pursuant to a contract with an owner of such a mineral or working
				interest, or to a voluntary pooling agreement or a compulsory pooling
				order heretofore entered by the division
	A STATE OF THE STA			Gly = 2/25/08
		_	840'	Signature Date
				orginature - Date
				Shannon L Klier
				Printed Name
	the state of the s			
				¹⁸ SURVEYOR CERTIFICATION
				I hereby certify that the well location shown on this
				plat was plotted from field notes of actual surveys
				made by me or under my supervision, and that the
				same is true and correct to the best of my belief.
	 			Date of Survey
				Signature and Seal of Professional Surveyor
				ospania and ovar of Froiessonia Surveyor
	· · · · · · · · · · · · · · · · · · ·			Certificate Number
				Continue - 19-100

Solomon State Com #1Y

Completion Procedure – Atoka Sands

Sec 10-T19S-R29E, 1429' FNL & 840' FWL Turkey Track Field Eddy County, New Mexico

See Attached Wellbore Schematic

Contact Information:

Field Foreman: Joe Thomas

432-208-7868 (M)

830-734-8955 (alt. Mobile)

Engineering:

Shannon Klier 432-686-1100 (O)

432-296-8602 (M)

- 1. Locate anchors for pulling unit and flowback lines.
- 2. MIRU completion unit.
- 3. RU flowback tank w/ gas buster.
- 4. Bleed pressure off of tubing and casing.
- 5. Kill well using 3% KCL water.
- 6. ND wellhead. NU 5K psi BOP.
- 7. POOH standing back 2-3/8" tubing.
- 8. MIRU WL unit, lubricator and 5K psi pressure control equipment.
- 9. Correlate depth to Halliburton Spectral Density Dual Spaced Neutron log dated 04-Sep-07.
- 10. WL set CBP at 11,400'. Bail 20' cmt cap on CBP. Load hole with 3% KCL water and test plug to 5,000 psi.
- 11. Perforate as follows with 3-3/8" expendable casing guns loaded with 22.7 gm charges for 0.43" EHD in 5-1/2" casing at 3 spf and 120° phasing:

Atoka Sand: 10,862' - 10,864' (2 ft) 6 shots at 3 spf

- 12. POOH with guns. Inspect guns to ensure all shots fired.
- 13. RU pump truck and breakdown perfs at 5 bpm using 15 bbls 3% KCL water. Record breakdown pressure, injection pressure, ISIP and 5, 10, 15 min SIP's.
- 14. Continue perforating as follows:

Atoka Sand: 10,856' - 10,858' (2 ft) 6 shots at 3 spf Atoka Sand: 10,827' - 10,829' (2 ft) 6 shots at 3 spf

15. POOH with guns. Inspect guns to ensure all shots fired. RDMO WL unit.

- 16. RIH w/SN on 2-3/8" tubing to +/- 10,790' placing carbide blast joint (Bold Stock) at surface.
- 17. ND BOP. NU 2-1/16" 10K psi production tree.
- 18. NU <u>3" 1502 flanged connections</u> (3" 1502 Thread x 1-13/16" Flange) to <u>both casing valves</u> for dualentry annulus frac.
- 19. Spot 3 frac tanks and load with real 3% KCL water.
- 20. RU flowback choke manifold and flowlines from WH wing valve to gas buster tank. **Secure lines with anchors.** Ensure that flowback equipment is rigged up to well and ready for flowback immediately following stimulation operations.
- 21. MIRU Frac Equipment to annulus valves for dual-entry annulus treatment as follows:
 - 54,000 lbs 20/40 CarboProp (do not use VersaProp)
 - (1) Slurry Blender
 - (1) Hydration Unit
 - Acid Transport containing 1,500 gallons 10% HCL acid.
 - Nitrogen HHP for 12,000 scfm at 7,000 psi.
 - Nitrogen material for 1,000,000 SCF usable.
 - Liquid HHP for 30 bpm at 7,000 psi.
 - Computer Monitoring Vehicle with all critical data displayed and recorded.
 - Micro-motion flowmeters for all liquid additives.
 - Deadstring Pressure Transducer RU to flowback manifold.
 - · Bacteriacide to be placed in frac tanks.
 - Fann 50 testing of 30-lb BJ Lightning Frac Fluid will be required.
 - All chemical additives to be tested and quarantined prior to treatment.

NOTE: Do not discharge gel from blender or hydration unit on pad after treatment. Washup all equipment to flowback tank with water from frac tanks.

- 22. Sierra Engineering to QA Fluids and supervise treatment.
- 23. Hold safety meeting and discuss location hazards, job procedure and contingency plans.
- 24. RU frac lines to annulus. "T"- in nitrogen pumps to one frac line immediately upstream of annulus valve. Use isolation valve to ensure nitrogen equipment can remain after frac equipment is rigged down. Following the treatment the nitrogen equipment will be used to circulate the well.
- 25. Prime up pumps and pressure test against annulus valves to 9,500 psi. An acceptable test will have a final bleed off rate no greater than 95 psi/minute. Bleed pressure to 1,000 psi above SICP.
- 26. Open tubing through choke manifold (bypassing choke) to test tank. Open annulus valves. Begin pumping acid (bypassing blender tub) at +/- 12 bpm. With acid pumped, swap to gel and stage to pad when x-link is confirmed. Continue pumping first pad stage down annulus at 12 bpm while taking returns up tubing. Once acid is on bottom, shut in choke manifold. Once injection into formation has been established, increase pump rate to 32 bpm and bring nitrogen on line at 12,000 scfm. Pump remaining treatment per attached schedule. Do not exceed a maximum allowable pressure of 8,500 psi. Obtain 5, 10 & 15 min SIP's.
- 27. Shutdown and release all frac equipment. Leave nitrogen equipment rigged up to annulus.

Note: if screenout occurs, immediately open tubing through manifold to pit and begin pumping nitrogen down annulus to circulate out sand.

28. Open tubing to flowback tank slowly adjusting to a 24/64" choke. Adjust choke as directed.

- 29. Begin pumping nitrogen down annulus at 1,000 scfm. Increase rate as directed. Note: approximately 400,000 scf required to fully circulate well (annulus and tubing at 4,600 psi).
- 30. After 400,000 scf of nitrogen has been pumped, periodically shut off nitrogen to determine if well will flow on its own. Once well is capable of sustained flow, RDMO nitrogen equipment.
- 31. Continue to flow well until a stable gas rate and water rate is achieved.
- 32. RDMO all rental equipment.
- 33. Turn well over to Donny Money.

CURRE			ВО	LD EN	ERGY	, LP			Solo	mon Sta	te Co	m #1Y	
	Parison of Children of Persons and Children of Child	TOWNS AND THE STATE OF THE STAT	Mes	WI 65 5% ration 3,375' KB 18' s TD 11,636' TVD 11,636' PBD 11,591' (FC Zone: Morrow	ס					API arface Location a gal Description a Field a	Section 10 - Furkey Trac	840' FWL T198 - R29E k	
	A CONTRACTOR OF THE CONTRACTOR		Casın		Turatata	C1-	T	T B	Burst	80% Burst		то	<u>~</u>
Surface Casing	27.23 27.23	1,000	20°		Weight 48#	Grade	O'	40'			Sacks 665	Surface	~
13-3/8" at 300"			8-5/8 5-1/2	11"	48# 32# 17#	H-40 J-55 P-110	0' 0'	300' 3,020' 11,636	1,730 3,930 10,640	1,384 3,144 8,512	900 1,285	Surface (1") Surface (circ) Surface (circ)	
	Bydle-Cal	and the second	Date										
		200	7/20/20							or hole and STBY	rig		
	ACCESSORY		7/29/20	107 Drill condu	actor hole at ne	ew surface lo	cation Stuck	ed from karst B BHA Could no lar 9' to the Sou	ot free Cut	cation off drive kelly an	d leave in h	ole	
	and an		7/31/20 8/1/20	07 Set and cer	nented conduc	tor at 40° M	IRU Nabors	142 from origin ost circulation i	al location	nle.			
	2000	100	9/4/20	07 TD produc	tion hole								
	SA STATE OF THE SAME OF THE SA		9/5/20 9/7/20	07 Ran casing	and released d	irilling rig		280' w/ RFT to	SIS				
	Sec.	4 4	9/15/20 9/17/20	007 Ran bit an	rom PBTD (11, d scraper to PB				ickled tubi	ng and casing w/5	00 gal 7 5%	HCL	
Intermediate Casing	40	Mary and Mar	9/18/20	Broke dow	n perfs at 6,951	0 psi at 4 2 B	PM Pavg = 0	5,750 psi Qavg	= 40 BPM	0 43" FHD 11 48	5' - 11 489'	(16 holes)	
8-5/8" at 3,020"								P = 4,640 psi 1: = 0 4.3" FHD: 1					
	j	i i	9/20/20	No flow T	TH w/STD SN	on 368 jts 2-	3/8° 4 7# L-8	0 tubing w/ bla	st joint sub	+ carbide frac rin annulus as follow:		•	
				2,000 gallo	ns 15% HCL a	cid followed	by 1020 bbls		ood at 24 bp	ım + 10,000 scfm			
	19			ISIP = 5,39	99 psi ATP = 7,	,589 psi API	R = 23 6 bpm	(liquid) APR =	10,000 scfi	n (N2)			
	á	2-3/8" 4.7#	9/23/20 L-80 Tbg (Class B) 9/24/20	007 Load recov	ered = 663 bbl	ls (29 0%)				Swabbed 118 bbl	e Started fle	ww.co.a	
	7	SN on 368 ji		Intial FTP		= 1520 psi o				CP = 800 psi Flow		, K	
	7007		9/25/20	007 SITP = 930	ps: SICP = 1,	350 psi (12 h		n tubing with		0.00			
	3			Swab line	parted leaving	+/- 5,000' in	hole	CP = 1,400 pst					
		3	9/26/20	ND WH N	NU BOPE Leav	e well open	to tank w/ Te	g and casing wi etra hand on loc	ation				
			9/27/20	on wire cu	p - sand line bi	rittle TIII w	/ SN on 368 j	ts 2-3/8" tubing	NU WH:		all amount	of sand	
			9/28/20 9/29/20	007 SITP = 620	psr SICP – 72	20 pst IFL = 4	1,800' 21 rur	is recovering 99	BW Load	recovery = 37 8% recovery = 42 1%			
	1		10/1/20					te 16 runs recov Recovered 17		V Well began to i	low		
	2	4						Recovered 6 5					
			10/2/20		00 psi SICP = : ιουr ΓP = 100 p			test tank Well ered 16 bbls	flowing				
					hour TP = 80 p hour TP = 10 p								
	ø							n Waited I ho Recovery = 51 5		vered 3 bbls on fir	nal run		
		12.5	10/3/20					test tank Well uns and rec 31 l		lowing w/ 100 psi	FTP & 1,20	0 psi CP	
		l la		lst hour re	ec 15 bbls FTF	P = 70 psi CF	= 700 psi 2		bls FTP = 2	20 psi CP = 600 ps			
	3	B 8	10/10/2 10/23/2	007 SITP = 2,0	00 psi SICP = 1								
	H		10/24/2 11/2/20	007 Begin pipe	line and facilit	y installation	1						
	i d	li li	11/6/20 11/7/20	007 SITP = 300						,700° 22 BW reco ,800° Swabbed 18			R)
	3	37.00	11,772	Well began	flowing at 1,0	000 psi FTP a	nd 1,600 psi	CP Unloaded 1	2 bbls to ta	ink Put to sales (b Recovered 82 bbls	ypassing co	mpressor) on 22/	/64" ck
			11/8/20	007 SFTP = 600	psi SICP = 1,	200 psi Blow	down tubin		ab IFL = 5	,600' Swabbed 74			
			11/9/20	007 SITP = 1,2	50 ps: SICP = :	1,350 psi Blo	w down tub	ing and rec 5 by	v Swab IF	L = 5,000′ Swabbo owing Left open t	ed 35 bbls in	10 runs	ITR
			11/10/2	007 TP = 0 psi	SICP = 1,200 g 82 BBLS 1 TR	psi Swab IF	L = 4,200° Sv	abbed 29 bbls i	n 12 runs	Well flowing to ta	ink on 48/6	r CK	WIK.
	68 8.		11/12/2	007 TP = 0 psi	SICP = 1,450					ell flowing to tan Il died w/710 psi			í mne
	7. W. W. W.	j.	11/13/2	Final FL =	7,800' Left we	ell open to ta	nk 689% LI	716 bbls LTR		Well flowing to t			
			17/13/2	FTP = 100	psi CP = 900 p	pst Flowed 1	2 bbls 1st H1	Flowe 3 bbls	2nd HR W	ell Died w/650 PS ld'l 15 bbls overni	I on esg.		ł.
			11/14/2	007 TP = 0 psi		sı SWAB II	L = 5,400° S			Swabbing from fr		LOUIS LIK	
	S		11/15/2	007 SITP = 1,0	40 psi SICP =	1,150 psi 1F1	L = 3,500' sca	ttered Swabbec ud = 41 bbls 76		eriodically all day 8 bbls LTR	Switch to s	ales after each ru	an
SN at	11,361'	Lower Morrov	11/16/2 w Perfs	007 Well dead	TP = 50 psi S	ICP = 1,000	ps: 1FL = 5,1		vabbed 6 ru	ins periodically al	day Switch	1 to sales after ea	och run
	四 元	11,439' - 11,44	45' 11/17/2	007 Well dead	TP = 20 pst S	ICP = 950 ps	1FL = 5,100		bbed 9 run	s periodically all d	lay Switch i	o sales after each	h run
		11,400 - 11,40	11/19/2	007 Well dead	TP = 25 psi S	ICP = 1,200	ps: 1FL = 5,4		vabbed 14 i	runs periodically a	ll day Swite	ch to vales after e	each run
Production Casing 5-1/2" at 11,636'			11/20/2	007 Well dead	TP = 20 psi S	ICP = 850 ps	IFL = 4,500	scattered Swa	bbed 19 ru	ns periodically all	day Switch	to sales when w	ell would
ut 11,000		t 11,591' (FC) at 11,636'	11/21/2	007 Well dead	TP = 15 psi Si	ICP = 850 ps	1FL = 4,200	nd = 46 bbls 83 V scattered Swa ud = 41 bbls 85	bbed 13 ru	ns periodically all	day Switch	to sales when w	ell would
	10:		11/22/2	007 Open to Sa	iles over Holid	ay No produ	ction 11/22	11/25	STATES	LOUIS LIR.			
			11/26/2	007 TP = 60 ps		a IFL = 6,500)' Swabbed 1	1 runs periodica		Switch to sales w	hen well we	ould flow	
			11/30/2	007 Well Dead	TP = 130 psi	SICP = 450	ost IFL = 4,5			TR dically all day Sw	itch to sales	when well woul	ld flow
			12/2/20	107 TP = 800 p		ps: IFL = 5,4	100' Blew we	ell down No flu		ed 14 runs periodi			
			12/3/2	007 Well dead	TP = 40 psi S	ICP = 950 ps	1FL = 3,000	scattered Swa	bbed 11 ru	TR Gas = 14 mcf ns periodically all	day		
1			12/4/20	007 Well Dead	TP = 40 psi S	SICP = 900 pr	a 1FL = 4,50	O'scattered Swa	abbed 6 rur	97 1% LR 67 bbl- is periodically all-	day		
			12/5/20	Put well to	sales when it	would flow	Left well ope	n to sales Tota	l recovered	liquid = 58 bbls 9 s periodically all d	99 5% LR 13	2 bbls LTR Gas =	= 42 mcf
			12/6/20	Put well to 1007 Well dead	sales when it TP = 40 psi S	would flow ICP = 950 ps	Left well ope 1 SIW RDM	en to sales. Tota O Swab Rig W	l recovered art on orde	liquid = 45 bbls		(-36) bbls LTR G	Gas = 56 m
i e			1		vered liquid =								

PROPOSED

PROPOSI			BOLD	ENERG	Y, LF			Solo	mon Sta	te Co	m #1Y
austrachistic des de des des des des des des des des	Springer and Control and Con		Elevation KB Meas TD TVD PBD	18'					API arface Location gal Description Field County	Section 10 - Turkey Trac	840' FWL T19S - R29E k
	AC MATERIAL PROPERTY.		Casing	Hole Weight	Grade	Тор	Bottom	Burst	80% Burst	Sacks	TOC
Surface Casing 13-3/8" at 300"	g.n/Ds		20" 13-3/8"	17-1/2" 48#	H-40	0'	40' 300'	1,730	1,384	665	Surface Surface (1")
_	No.		8-5/8 5-1/2"	11" 32# 7-7/8" 17#	J-55 P-110	0'	3,020' 11,636	3,930 10,640	3,144 8,512	900 1,285	Surface (curc) Surface (curc)
	Section 2		Date	Event							· · · · · · · · · · · · · · · · · · ·
	STATE OF THE PERSONS ASSESSMENT ASSESSMENT ASSESSMENT ASSESSMENT ASSESSMENT ASSESSMENT ASSESSMENT ASSESSMENT ASSESSMENT AS		7/20/2007	Spud at original surface			D &	A	bala and CTD	<i>r</i>	
	3 2		7/29/2007	Major lost circulation	elow conduc	tor Pits drain	ed from karst Bu	uild new lo	cation		
	S. Carlot		1	Drill conductor hole a Fill conductor hole w	h cement an	d built new cel	lar 9' to the Sou	th	on arive kelly at	id leave in no	ore
			7/31/2007 8/1/2007	Set and cemented con Spud at final surface k					ole		
	Table Committee		9/4/2007 9/5/2007	TD production hole Ran OH logs without		not get past 11	,280' w/ RFT too	ols.			
			9/7/2007 9/15/2007	Ran casing and release Ran CBL from PBTD	11,540') to 8,						
	alco-rue		9/17/2007 9/18/2007	Ran bit and scraper to POOH w/ bit & scrape	r Perforated	w/ 3-3/8" casir	e ouns 4 sof 12	0° nhasina			
Intermediate Casing 8-5/8" at 3,020'	A CONTRACTOR			Broke down perfs at 6 ISIP = 6,500 psi 5 mi					4,070 psi		
				Perforated w/ 3-3/8" o No flow T111 w/ STD						ıgs at surface	
	2		9/20/2007	MIRU BJ frac equipme 2,000 gallons 15% HC	nt and nitrog	en equipment	Frac'd via tubin	g x casing	annulus as follow	2	
		4		1179 bbls 30# lightnir ISIP = 5,399 psi ATP							
			9/23/2007	Fotal load to recover a Load recovered = 663	2,299 bbls F						
		2-3/8" 4 7# L-80 Tbg (Class B) SN on 368 jts	9/24/2007	MIRU swab unit SITI Intial FTP = 500 psi, F	= 680 psi SI						owing
		1	9/25/2007	Load recovered = 781 SITP = 930 psi SICP =	bls (34 0%)						
			1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	IFL = 4,700' Rec 44 B Swab line parted leavi	V FIL = 5.40	00' TP = 0 psi			ery ≠ 35 9%		
			9/26/2007	SITP = 600 psi SICP = ND WH NU BOPE L	1,700 psr Ble	ew down tubin			l recovery		
			9/27/2007	No fluid recovery over on wire cup - sand lin	night - well d	lead I'OOH w	TBG Found sa	nd line at 1	14 stands out Sn	nall amount o	of sand
1		á	9/28/2007	SITP = 600 psi SICP =	350 psi IFL	- 4,800' 18 rur	as recovering 45	BW Load	recovery = 37 8%		
	Ġ		9/29/2007 10/1/2007	SITP = 620 psi SICP = SITP = 1100 psi SICP	= 1240 psi IF	L = 4,600° Ma	de 16 runs recov	ered 85 BV			
				After 1st hour of flow After 2nd hour of flow	ing TP = 40 p	sı CP = 630 p	Recovered 6 5	bbls			
	1.7 (20)	2	10/2/2007	Total liquid recovered SITP = 1,200 psi SICF	= 1,300 psi (pen tubing to	test tank Well				
1	37.2			After 1st hour TP = 10 After 2nd hour 1P = 8) psi CP = 95	0 psi Recover	ed 12 bbls				
		N		After 3rd hour TP = 10 Mad 9 additional runs	FL scattered	from top to bt	m Waited I hou		vered 3 bbls on fi	nal run	
		\$	10/3/2007	Total liquid recovered SITP = 1,100 psi SICF	= 1,240 psi (pen tubing to	test tank Well	flowing			
				Flowed 30 minutes an 1st hour rec 15 bbls	TP = 70 psi (CP = 700 psi 2	nd hour rec 7 bl	bls FTP = 2	20 psi CP = 600 p		0 psi CP
			10/10/2007	Total recovered liquid SITP = 2,000 psi SICF		54 bbls (53 9%) SI RDMO sw	abrig Wai	t on pipeline		
			10/23/2007 10/24/2007	Begin pit reclamation Begin pipeline and fac	hty installati	on					
	4		11/2/2007 11/6/2007	First sales SITP = 300 psi SICP =	1,750 ps. Blo	ow down tubin	g No bound Sw	ab IFL=3	,700' 22 BW reco	overed FFL=	4,700' (55% LR)
			11/7/2007	SITP = 500 psi SICP = Well began flowing at							ns mpressor) on 22/64" ck
			11/8/2007	Flowed 3 hrs and died SITP = 600 psi SICP =	recovering 28	bbls Swabbe	1 42 bbls in 10 m	uns SIW F	Recovered 82 bbls	58 6% LR	951 bbls LTR
			11/9/2007	FFL = 3,500' Gassing SITP = 1,250 psi SICP	n last two ru	ns SIW 6199	6 IR 870 BBLS	LTR			
	[5]	3	11/10/2007	Well flowed for 3 hrs TP = 0 psi SICP = 1,20	o tank at 80 j	ps1 FTP, 700 ps	CP Made 7 bb	ls while flo	wing Left open	to tank 647	% LR 811 BBLS LTR
		P	11/12/2007	66% LR 782 BBLS IT IP = 0 ps: SICP = 1,45	ı.						
		i		FTP = 150 psi CP = 80 Final FL = 7,800° Left	0 psi Flowed	13 bbls 1st hr	Flowed 4 bbls 2				
SN at 10,790'			11/13/2007	TP = 0 PSI SICP = 1,1 FTP = 100 psi CP = 90	50 psi Swab 0 psi Flowed	IFL = 5,200° S 12 bbls 1st H1	wabbed 42 bbls : 3 Flowe 3 bbls 2	2nd HR W	ell Died w/650 P	I on esg	
	国	Atoka Perfs 10,827' - 10,829'	11/14/2007	Swabbed 12 bbls in 4 i TP = 0 psi SICP = 115	uns FFL = 6,3	200' Left well	open to tank Re	ecovered ac	ld'l 15 bbls overn	ight 72 5% I	R 632 bbls LTR
	\$ \$	10,856' - 10,858' 10,862' - 10,864'	11/15/2007	74 4% I.R 589 bbls LT SITP = 1,040 psi SICF	R SIW & SD	FN					iles after each run
CBP at 11,400' w/ 20' cmt			11/16/2007	Leave open to sales ov	rnight Total	recovered liqu	nd = 41 bbls 76	2% LR 54	B bbls LTR		to sales after each run
	<u> </u>	Lower Morrow Perfs 11,439' - 11,445'	11/17/2007	Leave open to sales ov Well dead TP = 20 ps	rnight Total	recovered liqu	ud = 25 bbls 77	3% LR 52	3 bbls LTR	-	
	3	11,485' - 11,489'	11/19/2007	Leave open to sales ov	rnight Total	recovered liqu	nd = 36 bbts 78	8% LR 48	7 bbts LTR		h to sales after each run
Production Casing			11/20/2007	Leave open to sales ov	rnight Total	recovered hqu	nd = 57 bbls 81	3% LR 43	bbls LTR		to sales when well wou
5-1/2" at 11,636'	PBTD at 11,591' ((FC)	11/21/2007	Leave open to sales ov	rnight Total	recovered liqu	nd = 46 bbls 83	8% IR 37	3 bbls LTR.		to sales when well woul
	TD at 11,636'	,	11/22/2007	Leave open to sales ov Open to Sales over Ho	rnight Total	recovered liqu	ud = 41 bbis 85			,	
=			11/26/2007 11/29/2007	Blow down casing and TP = 60 psi SICP = 70	tubing to tan	k Shutdown 8	k WOO	ully all dav	Switch to sales v	vhen well w	ould flow
			11/30/2007	Leave open overnight	Total recover	red liquid = 50	bbls 87 7% LR	282 bbls L	ΓR		when well would flow
			12/2/2007	SIW Total recovered	iguid = 80 bb	ls 91 2% LR 2	02 bbls LTR				word went would now
			12/2/2007	TP = 800 psr SICP = 8 Left well open to sales Well dead TP = 40 ps	Total recove	red liquid = 80	bbls 947% LR	122 bbls 1.	TR Gas = 14 mc		
			1	Well began flowing 1	eft well open	to sales Total	recovered liquid	= 55 bbls	97 1% LR 67 Ы	s LTR Gas =	55 mcf
			12/4/2007		it would flov	Left well ope	n to sales Total	recovered	liquid = 58 bbls	99 5% LR 12	bbls LTR Gas = 42 mcf
			12/5/2007	Well dead TP = 40 ps	LICE OFO.			bbod O	I a sell as the auto-	i	
			12/6/2007		it would flow	Left well ope	en to sales Total	recovered	liquid – 45 bbls		-36) bbls LTR Gas = 56

415 W. Wall, Suite 500 Midland, Texas 79701

> Main: 432-686-1100 Fax: 432-686-1104

JAN 02 2008

December 20th, 2007

OCD-ARTESIA

New Mexico Oil Conservation Division 1301 W. Grand Avenue Artesia, NM 88210 505-748-1283

Attn: Bryan Arrant

Re: Application to Downhole Commingle

Solomon State Com #1Y

Turkey Track; Atoka (Gas) & Turkey Track; Morrow (Gas)

Eddy County, NM

Mr. Arrant,

Enclosed please find two copies of the commingling application for the referenced well.

Thank you,

Shannon Klier

Operations Engineering Manager

415 W. WALL, SUITE 500 MIDLAND, TEXAS 79701

MAIN: 432-686-1100 FAX: 432-686-1104

December 20, 2007

Mr. William Jones
Oil Conservation Division
Engineering and Geological Services Bureau
1220 South St. Francis Drive
Sante Fe, NM 87505

Re:

Application to Downhole Commingle

Solomon State Com #1Y

Turkey Track; Atoka (Gas) & Turkey Track; Morrow (Gas)

Eddy County, NM

Dear Mr. Jones,

Bold Energy, LP hereby respectfully requests an exception to Rule 303A to downhole commingle the Atoka and Morrow zones in the subject well.

Enclosed please find two copies of the following:

- 1. Present wellbore diagram
- 2. Proposed wellbore diagram
- 3. Drilling permit (C-101)
- 4. Acreage Dedication Plat (C-102) for Morrow and Atoka
- 5. Form C-107A
- 6. Memo Stating that royalty and working interests are common for both zones

As mentioned previously, we would like to have the option to comingle the Atoka with the Morrow if the Atoka completion is successful. Although the Morrow alone is not commercial, or belief is that when comingled with a producing Atoka zone liquids will be effectively removed from the wellbore and result in contribution from the Morrow. With no evidence to suggest otherwise, we have initially allocated 100% of the comingled production to the Atoka. Within 90 days of comingling, a production log will be used to establish a new allocation.

Should you require additional information, kindly advise.

Regards,

Shannon Klier

Operations Engineering Manager

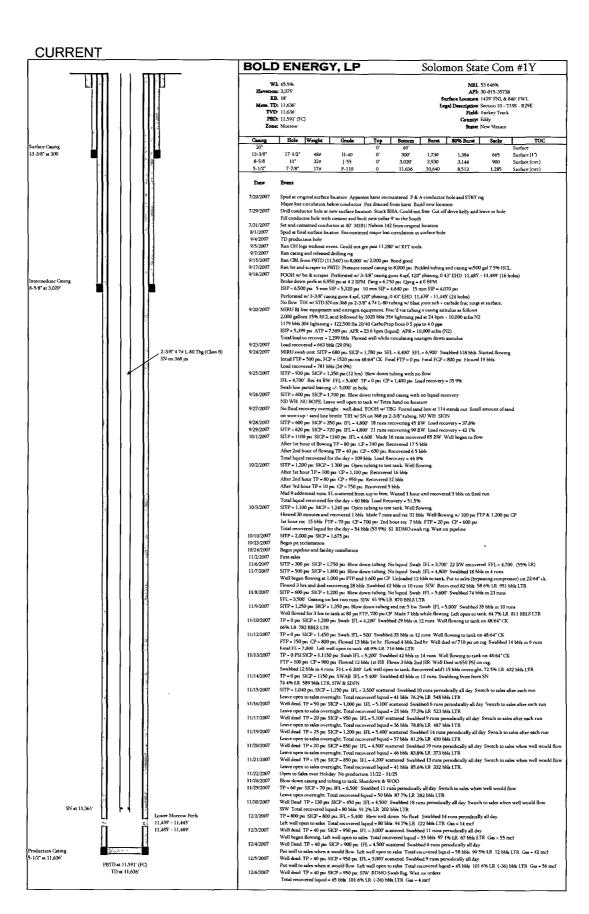
Enclosure

CC:

Oil Conservation Division

P.O. Box DD Artesia, NM 88210 New Mexico State Land Office P.O. Box 1148

P.O. Box 1148 Santa Fe, NM 87504-1148



PROPOSED

			BOLD	ENE	RG	Y, LP			Solon	on Sta	te Co	n #1Y
			Elevation	Te: 65 5% n. 3,375' B: 18'						NRI: APL	53 646% 30-015-3573	8
ľ.	41		Mess. TI	11,636						face Location I Description	Section 10 - 1	T19S - R29E
				D: 11,636 D: 11,591' (FC)						Field: County	Turkey Track Eddy	•
<u>}</u> ,			Zon	€ Morrow						State:	New Mexico	
rface Casing			Casing 20*	Hole	Weight	Grade	Top 0'	Bottom 40'	Burst	80% Burst	Secks	TOC Surface
-3/8" at 300"		1	13-3'8"	17-1/2*	48#	H-40	0.	300'	1,730	1,384	665	Surface (1")
			8-5/8 5-1/2*	11" 7-7/8"	32# 17#	J-55 P-110	0,	3,020 11,636	3,930 10,640	3,144 8,512	900 1,285	Surface (circ) Surface (circ)
		48	Date	Event								
			7/20/2007					1004		. Lorenz		
	·			Major lost cir	rculation bel	low conductor	Pits drained :	suntered. P & A o from karst. Build	new locatio	n		
		1	7/29/2007			ew surface loca cement and bu		HA Could not fr 9° to the South	ree Cut off o	lrne kelly and i	leave in hole	
		1/4	7/31/2007 8/1/2007					from original le circulation in su				
			9/4/2007	1D productio	n hole		-		IT INCE TOR			
		111	9/5/2007 9/7/2007	Ran OH logs Ran casing at			get past 11,28	0' w/ RFT tools				
		1,1	9/15/2007 9/17/2007			,540') to 8,000		Bond good. o 8,000 ps: Pickl	led tuhing as	ud casıng v./500	2 cm 1 7 5% HC	Τ
			9/18/2007	POOH w/bst	& scraper 1	Perforated w/ 3	-3/8" casing g	uns 4 spf, 120° p	hasing, 0 43			
rmediate Casing 8" at 3,020"		;						50 ps: Qavg = 4 (4,640 ps: 15 mii		Оры		
	ľ	I	ì	Perforated w	/3-3/8" casn w/SFD SN	ng guns 4 spf, 1 on 368 its 2-3/	20° phasing, 0 8* 4 7# L-80 t	0 43° FHD 11.43 ubing w/ blast jo	39' - 11,445' ant sub + car	(24 holes) rbsde frac rungs	at surface.	
	11 11	11	9/20/2007	MIRU BJ frac	c equipment	and nitrogen e	quipment. Fr	ac'd via tubing x # lightning pad a	casing anni	lus as follows		
		11		1179 bbls 304	# lightning +	122,500 lbs 20	1/40 CarboPro	p from 0 5 ppa t	o 4 0 ppa			
		11		Total load to	recover - 2,	299 bbls Flowe		juid) APR = 10,0 circulating nitro				
		2-3/8" 47# L-80 Tbg (Class B)	9/23/2007 9/24/2007	Load recover	ed = 663 bbl	s (29 0%)		L=4,400 EFL-			started flows	a
		SN on 368 jts	//22200/	Intral FTP = 5	500 psi, FCP	- 1520 psi on 4		al FTP = 0 psi F				•
			9/25/2007		sı SICP = 1,3	350 ps: (12 hrs)		ubing with no fl				
						Fl·L = 5,400° T +/- 5,000° in he		- 1,400 psi Load	recovery =	35 9%		
			9/26/2007	SITP - 600 ps	st SICP = 1,7	700 psi Blew do	own tubing ar	id casing with ne		very		
	11 1 1		9/27/2007	No fluid reco	very overni	ght - well dead	TOOH w/ TI	hand on locatio 3G Found sand I	line at 114 st		l amount of sa	ind
		[1]	9/28/2007					!-3/8" tubing NU xovering 45 BW				
		<u> </u>	9/29/2007 10/1/2007	SITP = 620 ps	s SICP = 72	0 ps 1FL = 4,8	00° 21 runs r	covering 99 BW 6 runs recovered	Load reco	very = 42 1%		
	11 1 1		10/1/200/	After 1st hou	r of flowing	TP = 80 ps: CI	P - 740 psi Re	covered 175 bb	ds	eu began to no	w	
	$H \mid I \mid$			Total liquid r	ecovered for	r the day = 109	bbls Load Re	ecovered 6 5 bbl covery = 46 8%				
		-	10/2/2007			1,300 psi Open si CP = 1,100 ;		tank. Well flow	nng			
			ł	After 2nd how	ur TP - 80 p	sı CP = 950 psi	Recovered 1	2 bbls				
		Li	l l	Mad 9 additio	onal runs Fi		n top to btm	Watted 1 hour as	nd recovere	d 3 bbls on final	l run	
		i i	10/3/2007			r the day = 60 b 1,240 ps: Open		overy = 51 5% t tank. Well flow	nng			
								and rec 31 bbls hour rec 7 bbls			TP & 1.200 ps	ı CP
				Total recover	red liquid for	the day - 54 b		I RDMO swab :				
		Ш	10/10/2007 10/23/2007	SITP = 2,000 Begin pit recl		,675 psi						
	$H \cup I$	Ž.	10/24/2007 11/2/2007	Begin pipelini First sales	e and facility	y installation						
		[1]	11/6/2007 11/7/2007	SITP = 300 ps				io liquid Swab I io liquid Swab I				00° (55% LR)
	ħ		11//250/	Well began fl	lowing at 1,0	000 psi FTP and	11,600 psi CP	Unloaded 12 bb	ols to tank. P	ut to sales (byp	essing compr	essor) on 22/64" ck.
		H	11/8/2007	SITP - 600 ps	sı SICP = 1,2	200 psi Blow do	own tubing N	l bbls in 10 runs To liquid, Swab I	FL = 5,600			bbls LTR
		III	11/9/2007	FFL - 3,500°	Gassing on l	last two runs S	IW 61 9% LI	R 870 BBLS LTR and rec 5 bw Sw				runs
	JI	ľ	11/10/2007	Well flowed f	for 3 hrs to t	ank at 80 ps. F	TP, 700 psi Cl	Made 7 bbls w	hde flowng	. Left open to t	ank. 64 7% LF	8 811 BBLS LTR
				66% LR 782	BBLS I TR			bed 29 bbls in 12				•
		[]	11/12/2007					d 35 bbls in 12 re wed 4 bbls 2nd 1				14 bbls in 6 runs
		IJ	11/13/2007	Final FL = 7,8	300 Left we	il open to tank	68 9% LR 7					
	$\mathbb{N} \setminus \mathbb{N}$			FTP = 100 psi	CP = 900 p	sı Flowed 12 b	bls 1st HR Fi	owe 3 bbls 2nd I n to tank. Recov	HR Well Do	ed w/650 PSI or	n csg.	
	! 		11/14/2007	TP = 0 pst. SK	CP = 1150 pe	u SWAB IFL-	- 5,400' Swal	n to tank. Recov bed 43 bbls in 17	ered add i 1: 2 runs Swah	bing from from	n. /∠ 5% LLR 6 n.SN	AGE DDIS L1R
		H	11/15/2007		psi SICP = 1	,150 ps: IFL =		ed Swabbed 10 i			vitch to sales :	after each run
		li)	11/16/2007	Leave open to	sales overn	ught. Total rece	overed liquid	- 41 bbls 76 2%	LR 548 bbl	s I TR		ales after each run
	1		11/17/2007	Leave open to	sales overn	ight. Total reco	overed liquid	- 25 bbls 77.3%	LR 523 bbl	s LTR		
		[1		Leave open to	sales overn	ight. Total reco	overed liquid	- 36 bbls 78.8%	LR 487 bbl	LTR		es after each run
		Ш	11/19/2007					cattered Swabb = 57 bbls 81.3%			lay Switch to	sales after each run
			11/20/2007	Well dead TI	P = 20 psi SI	CP = 850 ps: []	FL = 4 500' sc		l 19 runs per	nodscally all day	y Switch to s	ales when well would
SN at 10,790'		14	11/21/2007	Well dead TI	P = 15 psi SI	CP = 850 ps: 11	FL - 4,200' sc:	attered Swabbed	l 13 runs per	nodically all da	y Switch to s	ales when well would
Six at 10,790°	H '1	Atoka Perfs	11/22/2007	Open to Sales	over Holida	y No producti	on 11/22 - 11		LR 332 bbl	s r I K		
	ř	10,827' - 10,829'	11/26/2007 11/29/2007	Blow down co TP = 60 ps; S	asing and tu KP = 70 psi	Bing to tank. SI IFL = 6,500° S	hutdown & W Swabbed 11 ru	/OO ins periodically a	all day Swite	h to sales when	n well would	flow
	П	10,862' - 10,864'	11/30/2007	Leave open or	vernight. To	tal recovered is	iquid - 50 bbl	s 87 7% LR 282	bbls LTR			
	11			SIW Total re	covered liqu	nd = 80 bbls 91	1 2% I.R 202	bbls LTR				en well would flow
	F.	Lower Morrow Perfs 11,439 - 11,445	12/2/2007					own No fluid S k 94 7% LR 122			ly all day	
	П	11,485' - 11 489'	12/3/2007	Well dead. TF	P = 40 ps: SI	CP = 950 psi 11	FL = 3,000' sc	sttered Swabbed	l 11 runs per	nodically all day		mof.
	Ц		12/4/2007	Well Dead Ti	P - 40 psi Si	ICP = 900 psi 1	FL = 4,500° sc	overed liquid = 5 attered Swabbe	d 6 runs per:	odically all day	,	
fuction Casing 2" at 11,636"	100	10051, 10051	12/5/2007					sales Total reco ittered Swabbed				s LTR Gas = 42 mcf
	PBTD at 11,59 TD at 11.6		12/6/2007	Put well to sa	ılaş when ıt ı	would flow Let	ft well open to		overed lique			bbls LTR Gas = 56 m
			12/0/200/	····· ucau II		>>V let 9:		rog. wait of	or ucts			

415 W. Wall, Suite 500 Midland, Texas 79701 FEB 2 6 2008 OCD-ARTESIA

Main: 432-686-1100 Fax: 432-686-1104



February 25th, 2008

New Mexico Oil Conservation Division 1301 W. Grand Avenue Artesia, NM 88210 505-748-1283

Attn: Bryan Arrant

Subject:

Solomon State Com #1Y API # 30-015-35738

Plug Back to Atoka: C-101, C-102

In December of 2007 a package was sent to your attention which included a C-101 and C-102 for plugging back the Morrow and recompleting the Atoka in the Solomon State Com #1Y. As of today we have no indication that the permit has been approved. Calls to your office and emails regarding confirmation of your receipt of these original documents have not been returned.

Enclosed please find Six (6) copies of the C-101 and C-102. Please advise if there is any additional information required to process this permit.

Regards,

Shannon Klier

Operations Engineering Manager

432-686-1100

Arrant, Bryan, EMNRD

From: Arrant, Bryan, EMNRD

Sent: Wednesday, December 12, 2007 11:36 AM

To: 'shannon.klier@boldenergy.com'

Cc: Jones, William V., EMNRD; Sanchez, Daniel J., EMNRD; Gum, Tim, EMNRD

Subject: RE: Solomon State Com #1Y (Turkey Track Morrow/Atoka)

Hi Shannon.

Please submit this on NMOCD form C-101 as this request is a recompletion to a different reservoir. However, why has Bold Energy, L.P. not submitted the appropriate and required regulatory forms? I do not see any of the following on our website:

The complete set of electric logs.

Completion report.

Deviation report.

Please inform me as to what else I maybe missing?

Has this well been producing with out an approved C-104?

In addition, why does Bold Energy, L.P. when they do submit forms, submit them late?

I can approve your request as "work only' until you obtain approval (if approved) from the Santa Fe office to down hole comingle.

Please note that 1st I need what is required by NMOCD rules and regulations.

Please note that this matter may go to a NOV.

Yours truly,

Bryan G. Arrant
District II Geologist
New Mexico Oil Conservation Division
1310 West Grand Ave.
Artesia, NM 88210
505-748-1283 Ext. 103

From: Shannon Klier [mailto:shannon.klier@boldenergy.com]

Sent: Wednesday, December 12, 2007 10:46 AM

To: Arrant, Bryan, EMNRD

Subject: Solomon State Com #1Y (Turkey Track Morrow/Atoka)

Mr. Arrant,

We intend to TA the Morrow and complete the Atoka per the attached C-103 & C-102 (current and proposed wellbore diagrams included). Hard copies have been sent.

Although the Morrow shows signs of gas, after >100% frac load recovery it is still producing water and unable to sustain flow while under compression. We would like to have the option to comingle the Morrow with the Atoka at some point after observing the results of the Atoka completion. The idea being that if the Atoka is gas productive, the increased gas rate could help keep the well unloaded and if comingled potentially allow the Morrow to contribute gas.

Would there be a problem with applying for a comingling permit at this point in time – if approved, giving us the option to comingle at a later time?

Thank you, Shannon Klier Bold Energy, LP 432-686-1100

This inbound email has been scanned by the MessageLabs Email Security System.

415 W. WALL, SUITE 500 MIDLAND, TEXAS 79701

,IAN 02 2008 OCD-ARTESIA MAIN: 432-686-1100 FAX: 432-686-1104

December 20, 2007

Mr. William Jones
Oil Conservation Division
Engineering and Geological Services Bureau
1220 South St. Francis Drive
Sante Fe, NM 87505

Re:

Application to Downhole Commingle

Solomon State Com #1Y

Turkey Track; Atoka (Gas) & Turkey Track; Morrow (Gas)

Eddy County, NM

Dear Mr. Jones,

Bold Energy, LP hereby respectfully requests an exception to Rule 303A to downhole commingle the Atoka and Morrow zones in the subject well.

Enclosed please find two copies of the following:

- 1. Present wellbore diagram
- 2. Proposed wellbore diagram
- 3. Drilling permit (C-101)
- 4. Acreage Dedication Plat (C-102) for Morrow and Atoka
- 5. Form C-107A
- 6. Memo Stating that royalty and working interests are common for both zones

As mentioned previously, we would like to have the option to comingle the Atoka with the Morrow if the Atoka completion is successful. Although the Morrow alone is not commercial, or belief is that when comingled with a producing Atoka zone liquids will be effectively removed from the wellbore and result in contribution from the Morrow. With no evidence to suggest otherwise, we have initially allocated 100% of the comingled production to the Atoka. Within 90 days of comingling, a production log will be used to establish a new allocation.

Should you require additional information, kindly advise.

Regards,

Shannon Klier

Operations Engineering Manager

Enclosure

CC:

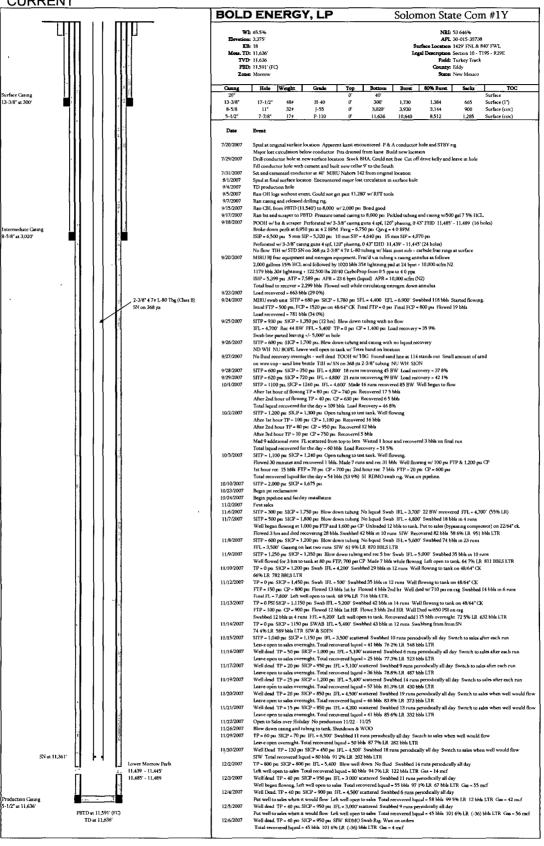
Oil Conservation Division

P.O. Box DD Artesia, NM 88210 New Mexico State Land Office

P.O. Box 1148

Santa Fe, NM 87504-1148

CURRENT



- ;	.			BOLD	ENI	ERG'	Y, LF	•			Solo	mon Sta	te Co	m #1Y
				Elevation: KB: Mess. TD- TVD: PBD:	18'	,						API: turface Location egal Description Field: County:	Section 10 - Turkey Tra	k 840° I'WL T19S - R29F ck
- 11				Casing	Hole	Weight	Grade	То		Bottom	Burst	80% Burst	Sacks	TOC
urface Casing 3-3/8° at 300		}		20"	17-1/2	48#	H-40	0		40 300'	1.730	1.384	665	Surface
F-3/6 at 300				8-5/8 5-1/2"	11" 7-7/8"	32# 17#	J-55 P-110	0.		3,020° 11,636	3,930 10,640	3,144 8,512	900 1,285	Surface (1") Surface (circ) Surface (circ)
				Date	Event					1				
				7/20/2007	Spud at ora	ginal surface circulation be	осатюп Арр	erent karst	encour	ntered P&	A conducto	r hole and SIBY r	ıg.	
				7/29/2007	Drill condu		ew surface le	cation St	ick BH/	. Could not	free Cut o	ition if drive kelly and l	leave in hole	
	11	111		7/31/2007 8/1/2007	Set and cen	nented condu	ctor at 40 M	IIRU Nabo	rs 142 fi	om ongnal	location	les.		
				9/4/2007 9/5/2007	TD product	tion hole		,				-		
				9/7/2007	Ran casing	gs without ev and released	drilling rig				ıs			
		1 [4]		9/15/2007 9/17/2007		om PBTD (11 i scraper to P					ckled tubing	g and casing w/500	gal 7 5% H	CL.
termediate Casing				9/18/2007	POOH w/		Perforated w	/ 3-3/8" cas	ыпд дил	s 4 spf, 120	° phasing, 0	43" EHD 11,485"		
5/8" at 3,020'					ISIP - 6,50	0 թա 5 ռա Ց	IP = 5,320 ps	10 mm 5	SIP = 4,6	i40 psi 15 s	mın SIP - 4,	,070 ps: 45' (24 holes)		
	11				No flow Ti	IH w/STD SN	on 368 jts 2-	3/8" 4 7# I	80 tub	ang w/ blast	t joint sub+	carbide frac rings	at surface	
	11			9/20/2007	2,000 gallo	ns 15% HCI	cid followed	by 1020 b	bls 35# 1	ightning pa	d at 24 bpen	nulus as follows a + 10,000 scfm N2	:	
					1179 bbls 3	0# lightning 9 psi ATP = 7	+ 122,500 lbs	20/40 Car	boProp:	from 05 pp	a to 40 ppa			
				9/23/2007	Total load t	to recover = 2 cred = 663 bb	,299 bbls Flo	wed well v	vhile cii	culating nit	trogen dow	n annulus		
			2-3/8" 4 7# L-80 Tbg (Class B) SN on 368 jts	9/24/2007	MIRU swal	b unst SJTP -	680 ps. SICI					wabbed 118 bbls 5 = 800 ps: Flowed		ing
		M	514 on 308 jus		Load recov	ered = 781 bt	ls (34 0%)					= 600 psi riowed	19 DNS	
		1		9/25/2007	SITP = 930 Ji 1 = 4,700	par SICP = 1 Free 44 BW	350 psi (12 h FFI = 5,400	ns)Blew d ′TP = 0 ps	own tub ıCP ∸	nng with no 1,400 psi Le	o flow oad recover;	y = 35 9%		
				9/26/2007		parted leaving psi SICP = 1			ing and	casing with	no liquid n	ecovery		
				9/27/2007	ND WH N	IU BOPE. Lea	ve well open	to tank w/	Tetra h	and on loca	tion	4 stands out Smal	l amount of	eand.
					on wire cu	p - sand line l	orittle, TIH w	/ SN on 36	8 jts 2-3	/8" tubing	NU WH SE	ON	i ampount of	sanu
				9/28/2007 9/29/2007								covery = 37.8% covery = 42.1%		
				10/1/2007		0 ps: SICP = our of flowin						Well began to flo	w	
		H			After 2nd l	tour of flowing	g TP = 40 ps	CP = 630	ры Рес	overed 6 5	bbls			
	11 1	1 11		10/2/2007	SITP = 1,20	00 psi SICP =	1,300 psi Op	en tubing	to test t	nnk. Well fl				
					After 2nd l	our TP = 100 hour TP = 80	ры СР≖950	psi Recov	ered 12	bbls				
						nour TP = 10 nonai runs 1					r and recove	ered 3 bbls on fina	l run	
	11 1			10/3/2007		d recovered fi 00 psi SICP =								
				1000-2000	Howed 30	minutes and	recovered 1 h	bls Made	7 runs a	nd rec 31 b	bls Well flo	wing w/100 psiF psiCP = 600 psi	TP & 1,200	ры СР
					Total recov	vered bquid fo	or the day - 5							
		Ш		10/10/2007 10/23/2007	Begin pet n									
				10/24/2007	Begin pipel First sales	line and facili	ty installatioi	,						
				11/6/2007 11/7/2007								00° 22 BW recove 00° Swabbed 18 bl		
		$\ \cdot \ $		11.772007	Well began	n flowing at 1	977 aq 000,	and 1,600 p	nu CP U	Inloaded 12	bbls to tan	k Put to sales (by	passing com	pressor) on 22/64" ck
		1 11		11/8/2007	SIIP = 600	ps: SICP = 1	200 psi Blov	v down tub	ang No	bquid Swa	b IFL = 5,6	ecovered 82 bbls 5 00' Swabbed 74 bl		
				11/9/2007	SITP = 1,25		1,350 psi Blo	ow down t	abing at	nd rec 5 bw	Swab IFL	5 000 Swabbed		
				11/10/2007								ang Left open to t ell flowing to tank		LR 811 BBISETR CK
				11/12/2007	66% IR 7	82 BBLS LTR						I flowing to tank o		
						ps: CP = 800		3 bbls 1st	hr Flow	ed 4 bbls 2r				ed 14 bbls in 6 runs
				11/13/2007	TP = 0 PSI	SICP = 1,115	pa Swab II	1 = 5,200	Swabbe	d 42 bbls in		Vell flowing to tan		ск
					Swabbed 1	2 bbls in 4 ru	ns FF1 = 6,2	00 Left w	ell open	to tank. Rec	covered add	l Died w/650 PSI o Il 15 bbls overnigh	nt 72 5% LF	t 632 bbls LTR
				11/14/2007	74 4% LR	589 bbls 1.7 F	SIW & SDF	N				wabbang from from		
				11/15/2007	SITP = 1.0- Leave open	40 ps: SICP = n to sales over	1,150 ps. IF: night. Total	L = 3,500 s recovered l	liquid -	41 bbls 76 :	2% I.R 548	odically all day So bbls LTR		
				11/16/2007	Well dead	TP = 50 psi :	SICP = 1,000	ps: IFL = 5	100' sc	attered Swa	bbed 6 run	s periodically all d	ay Switch t	o sales after each run
				11/17/2007	Well dead		SICP = 950 pa	a IFL = 5,1	00 scat	tered Swab	bed 9 runs p	periodically all day	Switch to	sales after each run
				11/19/2007	Well dead	TP ~ 25 ps :	SICP = 1,200	ps: IFL = 5	,400' sc	attered Swa	abbed 14 ru	ns periodically all	day Swach	to sales after each run
				11/20/2007	Well dead		ICP = 850 ps	a IFL = 4,5	00' scat	tered Swab	bed 19 runs	periodically all da	y Switch to	sales when well would
				11/21/2007	Well dead		SICP = 850 ps	1FL - 4,2	00' всат	tered Swab	bed 13 runs	periodically all di	y Switch to	sales when well would
SN at 10,790'	-	1	Atoka Perfs	11/22/2007	Leave oper	n to sales over sles over Holi	night Total	recovered l	iquid =	41 bbls 85 (
	ň	Ħ	10,827' - 10,829 10,856' - 10,858'	11/26/2007	Blow down	n casing and t	ubing to tank	c Shutdow	n & W(00	Dy all desire	witch to sales whe	m sali	M flow
		H	10,862' - 10,864'		Leave oper	n overnight. I	otal recover	ed liquid =	50 bbb	87 7% LR :	282 bbls LT	R		
	1			11/30/2007	SIW Total	l recovered b	juid - 80 bbl:	91 2% LF	202 H	bls LTR	-			hen well would flow
	LI	275 LJ	Lower Morrow Perfs 11,439' - 11,445'	12/2/2007								14 runs periodical R Gas = 14 mcf	lly all day	
		ñ	11,485' - 11,489'	12/3/2007	Well dead	TP - 40 ps: 3	SICP - 950 p	a IFL - 3,0	00, er at	tered Swab	bed 11 runs	periodically all da 7 1% LR 67 bbb I		5 mcf
duction Counc	31.4			12/4/2007	Well Dead	TP = 40 psi	SICP = 900 p	u IFL - 4 !	500' sca	tered Swal	bbed 6 runs	periodically all da	y	
duction Casing '2" at 11,636'	10.1.1.			12/5/2007	Well dead	TP = 40 pst	SICP = 950 pe	n IFI - 3,0	00' всит	tered Swab	bed 9 runs p	periodically all day	r	obls L1R Gas = 42 mcf
	PBTD at 11 TD at 1			12/6/2007	Well dead	TP = 40 ps:	SICP = 950 pe	stw re	MO Sw	ab Rig Was	n on orders	qued = 45 bbls 10	1.6% IR (-3	36) bbls LTR Gas = 56 n
				1		wered liquid								

District I 1625 N. French Dr., Hobbs, NM 88240 District il 1301 W: Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, 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-101 May 27, 2004

Oil Conservation Division AUG 02 2000 Division AUG 02 2000 AMENDED REPORT Santa Fe, NM 87505

APPI	ICATI	ON FO	OR PERMIT			ENTER, D	EEPEN	I, PLUGBA					
			Operator Name Bold Ene	rgy, LP	SS					RID Number 233545			
			415 W. Wall Midland, T	Suite 500				30 – 015	,A	PI Number	38		
	erty Code		1		³ Property	Name Swell No					No		
	35447				Solomon St	tate Com					λ		
			9 Proposed Pool 1			¹⁰ Proposed Pool 2							
		<u>T</u> urk	key Track; Morrow	(Gas)				Turkey Tr	ack, At	oka (Gas)			
			⁷ Surface Location										
UL or lot no	Section	Township	p Range	Lot I		from the North/South line Feet from the			Eas	t/West line	County		
н`	10	198	29E		142	29 N	Torth	840	<u> </u>	East	Eddy		
			8 Propo	sed Botte	om Hole Loca	tion If Differe	nt From S	Surface					
UL or lot no	Section	Townshi		Lot 1	r		South line	Feet from the	Eas	t/West line	County		
				Ad	lditional We								
	Type Code		12 Well Type Co	ode		/Rotary	14	Lease Type Code		15 Grour	nd Level Elevation		
	N		G			ARY	ļ	S			3378'		
	Multiple No.		17 Proposed Dep	oth		mation	1	19 Contractor			Spud Date Availability		
Depth to Gro	No 11,800' Morrow N/A oundwater 120' Distance from nearest fresh water well >1000' Distance							m near	est surface wa				
				<u>L</u>									
<u>Prt:</u> Line	. Synthetic	⊠ _12	_mils thick Clay	☐ Pit V	olume12,000_b		Drilling Me						
Clos	ed-Loop Sy:	stem 🔲						Brine 🛛 🗅	iesel/O	I-based 🔲 (Gas/Air 🔲		
			• 2	Propos	sed Casing a	nd Cement	Program	n					
Hole S	Size		Casing Size	Casing	g weight/foot	Setting [Depth	Sacks of C	Cement	I	Estimated TOC		
17 /	⁄ 2"		13.375"	4	18.0#	2.75	,	325			Circulated		
11	,,		8.625"		32.0#	3000	o'	875	;		Circulated		
7.7	/8		5.500"	17.0	& 20.0#	11.80	10'	900)		7000'		
		<u> </u>									· · · · · · · · · · · · · · · · · · ·		
			. If this application program, if any. Us				ita on the pr	esent productive	zone an	d proposed n	ew productive zone.		
for top job to 35:65 POZ-0 to surface. In stability and	bring cmt of Class "C" was tall & test well contro	to surface //5% salt, BOP to 30 I (expected	Install BOP and te 10% gel, 0.2% anti 000psi, test csg to 1 1 max MW= 10.5 p	st BOP & c foamer & ½ 500 psi. Dr pg). Run op	sg to 1000psi. Do 4# cello-flake per fill 7 7/8" hole to pen hole logs and	rill 12 ¼" hole to sk followed by 1 11,800' TD w/F set 5 ½" produc	3000' w/bi 200 sx Class W & cut bri ction casing	ring and sweeps, s"C" neat If nece ine, adjusting MV at TD and cmt w	run 8 5/ essary, u W- VIS- ith 900	/8" casing and use 1" to for to WL as needed sx TXI Light	d cmt w/500 sx op job to bring cmt ed to maintain hole weight cont'g 0 2% rilling results and log		
BOP a 5000	psi ram pr	eventer w/	annular will be uti	lized; 1f nce	dcd, a rotating he	ead will be adde	d to this sta	ck.					
H2S Conting	gency Plan	: Callaway	safety has comple	ted the requ	iired plan and a c	opy is enclosed	with this AI	PD.					
²³ I hereby ce	ertify that th	e informa	tion given above is	true and co	mplete to the		OIL C	ONSERVA	TION	JDIVISI	ON		
best of my ki	nowledge ar	nd belief. I	further certify th	at the drill	ling pit will be	.		J. WEILT	1101	. 101 1101			
an (attached	accoruing) alternativ	w nMOC ve OCD-∘	D guidelines 🔯, : pproved plan 🗀.	a general p	ermit 🔲, or	Approved by:							
(.,		FELOVOR PIAN	A 10	, , , , , , , , , , , , , , , , , , , ,		BRYAN G. ARRANT						
Printed name	: Lee Ann I	Rollins	Telm	5/12 V		Title.		DISTRIC					
Title. Agent	for Bold En	ergy, LP		,		Approval Date AUG 0 3 2007 Expiration Date: AUG 0 3 2008					UG 0 3 2008		
E-mail Addre	ess leeann@	@graysurfa	acespecialties.com										
Date 7-30-2	007		Phone: 432-	685-9158		Conditions of Approval Attached							

District I
1625 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

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised October 12, 2005 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

1220 S. St. Francis Dr., Santa Fe, NM 87505 ☐ AMENDED REPORT WELL LOCATION AND ACREAGE DEDICATION PLAT ¹ API Number ² Pool Code ³ Pool Name 30-015-35738 86480 Turkey Track; Morrow (Gas) ⁴ Property Code ⁵ Property Name ⁶ Well Number 35447 Solomon State Com 1Y OGRID No. 8 Operator Name ⁹ Elevation 233545 BOLD ENERGY, LP 3,375 **Surface Location** UL or lot no. North/South line Feet from the Section Township Range Lot Idn Feet from the East/West line County 19S 29E 1,429 10 North 840 Eddy ¹¹ Bottom Hole Location If Different From Surface UL or lot no. Range Section Township Lot Idn Feet from the North/South line Feet from the East/West line County ¹³ Joint or Infill 14 Consolidation Code ¹⁵ Order No. 12 Dedicated Acres

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.

16				17 OPERATOR CERTIFICATION
				I hereby certify that the information contained herein is true and complete to
		AT CARLOTTE	1.7 多国产业的设备	the best of my knowledge and belief, and that this organization either owns a
			1,429	working interest or unleased mineral interest in the land including the
	Ì			proposed bottom hole location or has a right to drill this well at this location
Ì				parsuant to a contract with an owner of such a mineral or working interest,
		ex s		or to a voluntary pooling agreement or a compulsory pooling order
		Contraction (Contraction)	7 7 7 7	heretofore entered by the division
			840	Signature Date
				Shannon L Klier Prunted Name
				A THREAL IVELLE
	:		, , , , , , , , , , , , , , , , , , ,	
		·		¹⁸ SURVEYOR CERTIFICATION
		1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		I hereby certify that the well location shown on this plat
				was plotted from field notes of actual surveys made by
				me or under my supervision, and that the same is true
				[
				and correct to the best of my belief.
	1		1 1/2 1/2 1/2	Date of Survey
				Signature and Seal of Professional Surveyor.
			The state of the state of	
				Certificate Number

District I 1625 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 Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised October 12, 2005 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

Shannon L Klier Printed Name

Date of Survey

Certificate Number

18SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Signature and Seal of Professional Surveyor:

☐ AMENDED REPORT

			METT TO	CATIO	IN AND ACK	LEAGE DEDIC	ATION PLA	11				
1	API Numbe	r		² Pool Cod	le		³ Pool Na	me				
3	0-015-35738		•	86445			Turkey Track; A	toka (Gas)		į		
4 Property	Code				⁵ Property	Name			6 ,	Well Number		
35447	1				Solomon Sta	te Com				1Y		
7 OGRID	No.		⁸ Operator Name ⁹ Elevation									
233545	.				BOLD ENER	GY, LP				3,375'		
					10 Surface	Location						
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/We	st line	County		
н	10	198	29E		1,429	North	840	Ea:	st	Eddy		
	·	1	11 Bo	ottom Ho	ole Location I	f Different From	m Surface	1				
UL or lot no.	Section	Township		Lot Idn	Feet from the	North/South line	Feet from the	East/We	st line	County		
12 Dedicated Acre 320 No allowable division.			4 Consolidation		order No.	been consolidated	or a non-standa	rd unit ha	s been aj	pproved by the		
16						1,429	I hereby certific to the best of owns a working the proposed location pursuinterest, or to order heretofic.	fy that the inform my knowledge ar ng interest or uni bottom hole loca want to a contrac	nation contain nd belief, and leased minera ntion or has a nt with an own ling agreemen	THICATION ed herein is true and complete that this organization either I interest in the land including right to drill this well at this er of such a mineral or working at or a compulsory pooling L L 6 7 Date		

<u>District I</u> 1625 N French Drive, Hobbs, NM 88240

District II

District III
1000 Rio Brazos Road, Aztec, NM 87410

E-MAIL ADDRESS

<u>District IV</u> 1220 S St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy, Minerals and Natural Resources Department

Oil Conservation Division

1220 South St. Francis Dr Santa Fe, New Mexico 87505

Form C-107A Revised June 10, 2003

APPLICATION TYPE

X Single Well

APPLICATION FOR DOWNHOLE COMMINGLING

Establish Pre-Approved Pools
EXISTING WELLBORE

X Yes ____No

Bold Energy, LP		00 Midland, TX 79701	
Operator		dress	F-11
Solomon State Com		" Section 10 – T19S – 29E Section-Township-Range	Eddy, NM County
OGRID No 233545 Property Co			Federal X StateFee
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Turkey Track; Atoka (Gas)		Turkey Track; Morrow (Gas)
Pool Code	86445		86480
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	10,827' - 10,864' (perforated)	(11,439' - 11,489' (perforated)
Method of Production (Flowing or Artificial Lift)			
Bottomhole Pressure (Note Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)			
Producing, Shut-In or New Zone	New Zone		Shut-In
Date and Oil/Gas/Water Rates of Last Production (Note For new zones with no production history,	Date	Date [.]	Date 12/5/07
applicant shall be required to attach production estimates and supporting data)	Rates:	Rates	Rates 0 oil – 45 wtr – 56 gas Swabbing
Fixed Allocation Percentage (Note If allocation is based upon something other	Oıl Gas	Oıl Gas	Oil Gas
than current or past production, supporting data or explanation will be required)	100 % 100 %	% %	0 % 0 %
	ADDITION	VAL DATA	
Are all working, royalty and overriding If not, have all working, royalty and ove			Yes X No No No No
Are all produced fluids from all commir	gled zones compatible with each o	ther?	Yes_X No
Will commingling decrease the value of	production?		Yes NoX
of this well is on, or communitized with, or the United States Bureau of Land Ma			Yes_X No
NMOCD Reference Case No applicable	to this well		_
Attachments: C-102 for each zone to be commingled Production curve for each zone for a For zones with no production history Data to support allocation method on Notification list of working, royalty and additional statements, data or determined to the statements.	t least one year (If not available, a v, estimated production rates and su formula and overnding royalty interests for	uttach explanation.) apporting data uncommon interest cases.	
	PRE-APPRO	VED POOLS	
If application is to	establish Pre-Approved Pools, the	e following additional information will	be required.
ist of other orders approving downhole ist of all operators within the proposed proof that all operators within the proposed ottomhole pressure data.	Pre-Approved Pools		
hereby certify that the information	above is true and complete to th	e best of my knowledge and belief	
signature SULL—	TITLE_O	peration Engineering Manager	DATE12/14/07
YPE OR PRINT NAME	Shannon L. Klier	TELEPHONE NO. (4	32) 686-1100
E-MAIL ADDRESS shar	nnon.klier@boldenergy.com		

415 W. WALL, SUITE 500 MIDLAND, TEXAS 79701

MAIN: 432-686-1100 FAX: 432-686-1104

December 20, 2007

To: NM OCD & NM State Land Office

Re: Commingling Ownership in the Atoka and Morrow formations

Solomon State Com #1Y

UL "H" Section 10 - T19S - R29E

Eddy County, NM Turkey Track Prospect

Gentlemen,

Bold Energy LP, as operator, has drilled the captioned well and desires to commingle production from the Atoka and Morrow zones.

The ownership in the Atoka and Morrow zones is identical and documented within a Title Opinion rendered July 17, 2007 by Don M. Fedric with the Law Office of Hunker-Fedric, P.A., Roswell, New Mexico.

Please call me at (432) 686-1100 or e-mail peggy.kerr@boldenergy.com should there be any questions.

Sincerely for Bold Energy LP,

Peggy Worthington Vice President - Land