Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: November 30, 2000

VA/E-1 1	COMPLETION	OD DECOMDI	ETION REPORT	ANDIOG
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erator PHILLIPS COM D BOX 2197 V DUSTON, TX Well (Report lo Sec 26 T311 NESE 2000) interval reporte th ed	New When When WHANY WL3 602 77252 Cation Cle I R8W M SSL 7001 d below	ell 54 early and Mer NM FEL 36 15. Da 06/ 3322	d in accord IP 5.86714 N ate T.D. Re 202/2004	Conta	December Dec	RIS GUS Mail: chris 3a. Ph Ph: 83 ral require 68 W Lon	Plug START stina.gu one No 32.486 ements)	IS ustartis@(include: 2463	area code)	svr. 7	Unit or CA Lease Name BLANCO 2 API Well No O. Field and F BASIN FR I. Sec., T., R. or Area Se 2. County or SAN JUAN 7. Elevations	and W202A 30-Cool, or UITLA , M., cec 26 Parish	D45-32262-00-S1 Exploratory ND COAL OF Block and Survey T31N R8W Mer N 13. State NM CB, RT, GL)*
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ed : MD TVI ic & Other Med	chanical l	06/ 3322 Logs Ru	/02/2004 19). Plug F	Back T.		Date D & \\ 06/03	Complete	d		7. Elevations	(DF, K	B, RT, GL)*
i: MD TVI ic & Other Med	chanical l	06/ 3322 Logs Ru	/02/2004 19). Plug F	Back T.		J D &\\ 06/03		Ready to Pr	nd. W	63	29 GI	
TVI ic & Other Med iner Record (R	hanical l	Logs Ri			Back T.			/20047 /	· ··· · · ·	~ \	0.		-
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	eport all				each)				22. Was w Was D	ell cored? ST run?	No No No No No		es (Submit analysis) es (Submit analysis) es (Submit analysis)
Size/Grade	-	strings	set in well) -				l	Direct	Oliai Sui ve	y: 🔀 NO	<u> </u>	's (Submit analysis)
	Wt.	(#/ft.)	Top			Stage Cer			Sks. &	Slurry V	I Cement	Top*	Amount Pulled
12.250 9.625 H-40 32.0 0					(D) 230	Dept	ın	Type of		(BBL)			<u> </u>
		20.0 0 298						490			0		
5.500 J-	55	16.0	296	7	3318				0				
	_			+					÷				
	Packer	Depth (MD)	Size	Denth	Set (MD)) P2	cker Den	th (MD)	Size	Depth Set (M	(D)	Packer Depth (MI
3317													
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re, Treatment,	Cement S	queeze	, Etc.								L	<u></u>	
h Interval							An	ount and	Type of Ma	iterial			
						5							
3015 10	32413	ORGEL	J WELL PC	R 2 DA1						·············			
	Test		Oil	Gas	Tw	ater	TOil Gra	vitv	Gas	T _{Pro}	duction Method		
Tested			BBL	MCF	В	BL			Gravity				DIALC LINIT
Press. Csg.			Oil	Gas	- w	ater			Well Sta	us		FUNIF	TING OINT
		\bigcirc	О	!		70	Ratio		G	Si			
- Interval B				-								····	
Hours Tested	Test Prod			Gas MCF					Gas Gravity	Pro	ACCEPTED	FO	R RECORD
Press. Csg. Press.			Oil BBL	Gas MCF			Gas:Oil Ratio		Well Sta	us	.אטי.	1 8	2004
and spaces for	addition	al data	On reverse	side)			<u> </u>		L		FARMINI	IN FIL	Th Accide
	7.000 J-5 5.500 J-6 5.500 J-6 ord th Set (MD) 3317 ntervals tion LAND COAL re, Treatment, 6 h Interval 2996 TO 3015 TO Interval A Press. Csg Press. O.0 - Interval B Hours Tested Press. Csg Press. And spaces for	7.000 J-55 5.500 J-55 ord th Set (MD) Packer 3317 ntervals tion LAND COAL re, Treatment, Cement S h Interval 2996 TO 3322 U 3015 TO 3241 S Interval A Press. Csg. Press. Csg. Press. Prod Interval B Hours Test Prod Press. Csg. 24 H Rate Press. Csg. 24 H Rate and spaces for addition	7.000 J-55 20.0 5.500 J-55 16.0 ord th Set (MD) Packer Depth (3317 16 16 16 16 16 16 16 16 16 16 16 16 16	9.625 H-40 32.0 7.000 J-55 20.0 5.500 J-55 16.0 296 ord th Set (MD) Packer Depth (MD) 3317 Intervals tion Top E LAND COAL 3015 re, Treatment, Cement Squeeze, Etc. th Interval 2996 TO 3322 UNDERREAMED 6 3015 TO 3241 SURGED WELL FO Interval A Press. Csg Press. Rate BBL O.0 Interval B Hours Test Oil BBL O.0 Interval B Hours Test BBL Press. Csg Press. Rate BBL O.0 Interval B Hours Test BBL O.0 O Interval B Hours Test BBL O.0 O Interval BBL Press. Csg Press. Rate BBL Press. Csg Press. BBL O II BBL	9.625 H-40	9.625 H-40	9.625 H-40	9.625 H-40	9.625 H-40	9.625 H-40	9.625 H-40	9.625 H-40 32.0 0 230 150 7.000 J-55 20.0 0 2986 490 5.500 J-55 16.0 2967 3318 0 0 ord th Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) 3317 Itervals 26. Perforated Interval Size No. Holes LAND COAL 3015 3241 3015 TO 3241 0.750 320 re, Treatment, Cement Squeeze, Etc. h Interval Amount and Type of Material 2996 TO 3322 UNDERREAMED 6.25 HOLE TO 9.5 3015 TO 3241 SURGED WELL FOR 2 DAYS Interval A Tested Production BBL MCF BBL Gas Press. Press. Rate BBL MCF BBL Gas Water Gas Oil Gravity GAS Gravity Production Method Gravity AMCF BBL Ratio Well Status BBL Gas Press. Rate BBL MCF BBL Ratio Water Gas Oil Gravity GAS Gravity Production BBL MCF BBL Ratio Water Gas Oil Gravity GAS Gravity Production BBL MCF BBL Ratio Water Gas Oil Gravity GAS Gravity Production BBL MCF BBL Ratio Water Gas Oil Well Status Fress. Rate BBL MCF BBL Ratio Water Gas Oil Gravity GAS Gravity Production BBL MCF BBL Ratio Water Gas Oil Well Status Fress. Rate BBL MCF BBL Ratio Water Gas Oil Well Status Fress. Rate BBL MCF BBL Ratio Water Gas Oil Well Status Fress. Rate BBL MCF BBL Ratio Water Gas Oil Well Status Fress. Rate BBL MCF BBL Ratio Well Status Fress. Rate BBL MCF BBL Ratio Water Gas Oil Well Status Fress. Rate BBL MCF BBL Ratio Well Status Fress. Press. Rate BBL MCF BBL Ratio Water Gas Oil Well Status Fress. Press. Rate BBL MCF BBL Ratio Fress Mater BBL Ratio Fress Mater BBL Ratio Fress Mater BBL Ratio Fress Mater BBL Ratio Fress Fress. Press. Rate BBL MCF BBL Ratio Fress Mater	9.625 H-40

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	uction - Interv			T = 1		T	le" a		ra			
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		Gas Gravity	Production Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio		Well Status			
28c. Produ	action - Interv	al D	·	<u> </u>	·	<u> </u>						
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		Gas Gravity	Production Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio		Well Status			
29. Dispos	sition of Gas(S	old, used f	for fuel, veni	ed, etc.)								
30. Summ Show a tests, i	ary of Porous all important a ncluding dept coveries.	zones of po	rosity and c	ontents there	eof: Cored in tool open,	ntervals and flowing an	l all drill-stem d shut-in pres	sures	31. For	mation (Log) Mar	kers	
	Formation		Тор	Bottom		Description	ons, Contents,	, etc.		Name		Top Meas. Depth
SAN JOSE 0 NACIMIENTO 731 OJO ALAMO 2045				731 2045 2155					OJ(KIF FR)	CIMIENTO O ALAMO ITLAND UITLAND TURED CLIFFS	S	577 2087 2207 2837 3242
32. Additi This is	onal remarks s a single zo	(include pl ne produc	ugging proc ing well fro	edure): m the Basi	n Fruitland	Coal.						
33. Circle	enclosed attac	chments:										
	ctrical/Mecha ndry Notice fo	_	•	. ,		2. Geologic 6. Core An	-		3. DST Rep 7 Other:	oort	4. Direction	nal Survey
	oy certify that (please print)	Co	Election Electron	ronic Subm For CON AFMSS fo	ission #321 OCOPHIL	00 Verified LIPS CON	l by the BLM IPANY, sent ENNE GARC	Well Int to the F CIA on 0	formation Sys armington 6/18/2004 (04/			ons):
Signati	ure	(Electroni	c Submissi	on)			Date	e 06/18/2	2004			
Title 18 U	.S.C. Section	1001 and T	itle 43 U.S.	C. Section 1	212, make i	t a crime fo	r any person l	knowingly	y and willfully its jurisdiction	to make to any de	partment or a	gency

ConocoPhillips <u>END OF WELL SCHEMATIC</u>

Well Name: Blanco 202A	Spud:	13-May-04
. API #: 30-045-32262	Release Drl Rig:	17-May-04
Location: 2000' FSL & 700' FEL	Note - this well is equipped with rods & pump Move In Cav Rig	23-May-04
Sect 26 - T31N - R8W	7-1/16" 3M x 2-3/8" EUE 8rd Bonnet Release Cav Rig	2-Jun-04
San Juan County, NM	11" 3M x 7-1/16" 3M Tubing Head	
Elevation: 6329' GL (above MSL)	9-5/8" 8 RD x 11" 3M Casing Head	
Drl Rig RKB: 13' above Ground Level		
Datum: Drl Rig RKB = 13' above GL		
Datum. Dir Rig RAB - 13 above GL		4 May 04
	X New Date cmt'd: 1	
Surface Casing Date set: 14-May-04		
Size <u>9 5/8</u> in	+ 2% BWOC S001 Calcium Ch	
Set at 230 ft # Jnts: 5	+ 0.25 lb/sx D029 Cellophane	
Wt. <u>32.3</u> ppf Grade <u>H-40</u>	1.16 cuft/sx, 174 cuft slurry at	
Hole Size 12 1/4 in Conn STC	Displacement: 15.0	
Excess Cmt125%	Bumped Plug at: 02:1:	5 hrs w/ 565 psi
T.O.C. SURFACE Csg	g Shoe 230 ft Final Circ Press: 70	
TD of 12-1/4	4" hole 240 ft Returns during job:	YES
	CMT Returns to surface: 8 to	
Notified BLM @ 20:47 hrs on	12-May-04 Floats Held: N	o floats used
Notified NMOCD @ 20:49 hrs on		to start NU BOP)
<u></u>	W.O.C. for 10.25 hrs (plug burn)	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- 10 100. 40g,
Intermediate Coning Data set: 16 May 04	X New Intermediate Cement	
Intermediate Casing Date set: 16-May-04		C Mary Od
Size 7 in 69		
Set at 2986 ft 0	_ pups Lead : 390 sx Class G Cement	
Wt. 20 ppf Grade J-55		
Hole Size 8 3/4 in Conn STC	+ 0.25 lb/sx D029 Cellophane	Flakes
	t Collar 2940 ft + 0.2% D046 Antifoam + 0.2% D046 Antifoam	
	g Shoe 2986 ft + 0.05 gal/sx D047 Antifoam	
Pup @ft TD of 8-3/4	4" Hole <u>2992</u> ft <u>2.61cuft/sx, 1017.9 cuft slurry s</u>	at 11.7 ppg
Pup @ft	Tail: 100 sx 50/50 POZ : Cla	ss G cement
Notified BLM @15:08 hrs on		
Notified NMOCD @ 15:10 hrs on	15-May-04 / + 2% S001 Calcium Chloride	
	+ 5 lb/sx D024 Gilsonite	
Detection Lines Date not: 29 May 04		Clobes
Production Liner Date set: 28-May-04	X New	riakes
Size 5 1/2 in	X New	riakes
	Used + 0.1% D046 Antifoam	
Size <u>5 1/2</u> in Nominal Wt. <u>15.5</u> ppf	Used + 0.1% D046 Antifoam 1.27 cuft/sx, 127 cuft slurry at	13.5 ррд
Size 5 1/2 in Nominal Wt. 15.5 ppf Grade J-55 Connections	Used + 0.1% D046 Antifoam 1.27 cuft/sx, 127 cuft slurry at Displacement:	13.5 ppg 119.1 bbls
Size 5 1/2 in Nominal Wt. 15.5 ppf Grade J-55 Connections # Jnts: 8	Used + 0.1% D046 Antifoam 1.27 cuft/sx, 127 cuft slurry at Displacement: Bumped Plug at: 22:55	13.5 ppg 119.1 bbls 3 hrs w/ 1500 psi
Size 5 1/2 in Nominal Wt. 15.5 ppf Grade J-55 Connections # Jnts: 8 Hole Size 6.25 / 9.5 inches	Used + 0.1% D046 Antifoam 1.27 cuft/sx, 127 cuft slurry at Displacement: Bumped Plug at: 22:56 Final Circ Press: 75	13.5 ppg 119.1 bbls 3 hrs w/ 1500 psi 0 psi at 2 bpm
Size 5 1/2 in Nominal Wt. 15.5 ppf Grade J-55 Connections # Jnts: 8 Hole Size 6.25 / 9.5 inches Underreamed 6-1/4" hole to 9.5" from 2996' to	Used + 0.1% D046 Antifoam 1.27 cuft/sx, 127 cuft slurry at Displacement: Bumped Plug at: 22:58 Final Circ Press: 75 Returns during job:	13.5 ppg 119.1 bbls 8 hrs w/ 1500 psi 0 psi at 2 bpm YES
Size 5 1/2 in Nominal Wt. 15.5 ppf Grade J-55 Connections # Jnts: 8 Hole Size 6.25 / 9.5 inches Underreamed 6-1/4" hole to 9.5" from 2996' to	to 3322' Used + 0.1% D046 Antifoam 1.27 cuft/sx, 127 cuft slurry at Displacement: Bumped Plug at: 22:55 Final Circ Press: 750 Returns during job: CMT Returns to surface: 431	13.5 ppg 119.1 bbls 3 hrs w/ 1500 psi 0 psi at 2 bpm YES obls (92.5 sx)
Size 5 1/2 in Nominal Wt. 15.5 ppf Grade J-55 Connections # Jnts: 8 Hole Size 6.25 / 9.5 inches Underreamed 6-1/4" hole to 9.5" from 2996' to 70 pof Liner 2967 ft PBTD 3317 ft	Used	13.5 ppg 119.1 bbls 3 hrs w/ 1500 psi 0 psi at 2 bpm YES obls (92.5 sx)
Size 5 1/2 in Nominal Wt. 15.5 ppf Grade J-55 Connections # Jnts: 8 Hole Size 6.25 / 9.5 inches Underreamed 6-1/4" hole to 9.5" from 2996' to	Used	13.5 ppg 119.1 bbls 3 hrs w/ 1500 psi 0 psi at 2 bpm YES obls (92.5 sx)
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Size 5 1/2 in Nominal Wt. 15.5 ppf Grade J-55 Connections # Jnts: 8 Hole Size 6.25 / 9.5 inches Underreamed 6-1/4" hole to 9.5" from 2996' to 700 fc. 700 fc. 700 fc. Top of Liner 2967 ft. 700 fc. 700 fc. Bottom of Liner 3318 ft. 5et in 4 ft of fill on 100 fc.	bottom Used + 0.1% D046 Antifoam 1.27 cuft/sx, 127 cuft slurry at Displacement: Bumped Plug at: 22:56 Final Circ Press: 75 Returns during job: CMT Returns to surface: 43 Floats Held: X Yes	13.5 ppg 119.1 bbls 3 hrs w/ 1500 psi 0 psi at 2 bpm YES obls (92.5 sx)
Size 5 1/2 in Nominal Wt. 15.5 ppf Grade J-55 Connections # Jnts: 8 Hole Size 6.25 / 9.5 inches Underreamed 6-1/4" hole to 9.5" from 2996' to 70 pof Liner 2967 ft PBTD 3317 ft	Used	13.5 ppg 119.1 bbls 3 hrs w/ 1500 psi 0 psi at 2 bpm YES obls (92.5 sx)
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Size 5 1/2 in Nominal Wt. 15.5 ppf Grade J-55 Connections # Jnts: 8 Hole Size 6.25 / 9.5 inches Underreamed 6-1/4" hole to 9.5" from 2996' to 700 fc. 700 fc. 700 fc. Top of Liner 2967 ft. 700 fc. 700 fc. Bottom of Liner 3318 ft. 5et in 4 ft of fill on 100 fc.	bottom Used + 0.1% D046 Antifoam 1.27 cuft/sx, 127 cuft slurry at Displacement: Bumped Plug at: 22:55 Final Circ Press: 75 Returns during job: CMT Returns to surface: 43 Floats Held: X Yes Yes	13.5 ppg 119.1 bbls 5 hrs w/ 1500 psi 0 psi at 2 bpm YES bbls (92.5 sx) sNo
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Size 5 1/2 in Nominal Wt. 15.5 ppf Grade J-55 Connections # Jnts: 8 Hole Size 6.25 / 9.5 inches Underreamed 6-1/4" hole to 9.5" from 2996' to 70 p of Liner 2967 ft PBTD 3317 ft Bottom of Liner 3318 ft set in 4 ft of fill on to 10 to	bottom Used + 0.1% D046 Antifoam 1.27 cuft/sx, 127 cuft slurry at Displacement: Bumped Plug at: 22:55 Final Circ Press: 75 Returns during job: CMT Returns to surface: 43 Floats Held: X Yes Yes	13.5 ppg 119.1 bbls 5 hrs w/ 1500 psi 0 psi at 2 bpm YES bbls (92.5 sx) sNo
Size 5 1/2 in Nominal Wt. 15.5 ppf Grade J-55 Connections # Jnts: 8 Hole Size 6.25 / 9.5 inches Underreamed 6-1/4" hole to 9.5" from 2996' to 70 pof Liner 2967 ft PBTD 3317 ft Bottom of Liner 3318 ft set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on 10 per set in 4 ft	bottom Used + 0.1% D046 Antifoam 1.27 cuft/sx, 127 cuft slurry at Displacement: Bumped Plug at: 22:56 Final Circ Press: 75 Returns during job: CMT Returns to surface: 43 Floats Held: X Yes UNCEMENTED LINER Schematic prepared by: Steven O. Moore, Drilling Engil 8-June-2004	13.5 ppg 119.1 bbls 5 hrs w/ 1500 psi 0 psi at 2 bpm YES bbls (92.5 sx) sNo
Size 5 1/2 in Nominal Wt. 15.5 ppf Grade J-55 Connections # Jnts: 8 Hole Size 6.25 / 9.5 inches Underreamed 6-1/4" hole to 9.5" from 2996' to 70 pof Liner 2967 ft PBTD 3317 ft Bottom of Liner 3318 ft set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on to 10 per set in 4 ft of fill on 10 per set in 4 ft	bottom Used + 0.1% D046 Antifoam 1.27 cuft/sx, 127 cuft slurry at Displacement: Bumped Plug at: 22:56 Final Circ Press: 75 Returns during job: CMT Returns to surface: 43 Floats Held: X Yes Yes	13.5 ppg 119.1 bbls 5 hrs w/ 1500 psi 0 psi at 2 bpm YES obls (92.5 sx) sNo
Size 5 1/2 in Nominal Wt. 15.5 ppf Grade J-55 Connections # Jnts: 8 Hole Size 6.25 / 9.5 inches Underreamed 6-1/4" hole to 9.5" from 2996' to 70 f Liner 2967 ft PBTD 3317 ft Bottom of Liner 3318 ft set in 4 ft of fill on to 9.5 ft set in 4 ft of fill on 10 ft set in 4 ft se	bottom Used + 0.1% D046 Antifoam 1.27 cuft/sx, 127 cuft slurry at Displacement: Bumped Plug at: 22:56 Final Circ Press: 75 Returns during job: CMT Returns to surface: 43 Floats Held: X Yes Yes	13.5 ppg 119.1 bbls 5 hrs w/ 1500 psi 0 psi at 2 bpm YES obls (92.5 sx) sNo
Size 5 1/2 in Nominal Wt. 15.5 ppf Grade J-55 Connections # Jnts: 8 Hole Size 6.25 / 9.5 inches Underreamed 6-1/4" hole to 9.5" from 2996' to 70 pof Liner 2967 ft PBTD 3317 ft Bottom of Liner 3318 ft set in 4 ft of fill on to 10 per	bottom Used + 0.1% D046 Antifoam 1.27 cuft/sx, 127 cuft slurry at Displacement: Bumped Plug at: 22:56 Final Circ Press: 75 Returns during job: CMT Returns to surface: 43 Floats Held: X Ye UNCEMENTED LINER Schematic prepared by: Steven O. Moore, Drilling Enging B-June-2004 In a guide shoe and an aluminum baffle plate 1 jt above the guide shoe. Iter. Shut in casing head and WOC before backing out landing jt. 19' & 59'. Total	13.5 ppg 119.1 bbls 5 hrs w/ 1500 psi 0 psi at 2 bpm YES obls (92.5 sx) sNo
Size 5 1/2 in Nominal Wt. 15.5 ppf Grade J-55 Connections # Jnts: 8 Hole Size 6.25 / 9.5 inches Underreamed 6-1/4" hole to 9.5" from 2996' to 70 pof Liner 2967 ft PBTD 3317 ft Bottom of Liner 3318 ft set in 4 ft of fill on to 10 per	Used + 0.1% D046 Antifoam 1.27 cuft/sx, 127 cuft slurry at Displacement: Bumped Plug at: 22:56 Final Circ Press: 75 Returns during job: CMT Returns to surface: 43 Floats Held: X Yes bottom UNCEMENTED LINER Schematic prepared by: Steven O. Moore, Drilling Engi 8-June-2004 In a guide shoe and an aluminum baffle plate 1 jt above the guide shoe. Iter. Shut in casing head and WOC before backing out landing jt. 19' & 59'. WATER & 99.1 BBLS. 8.4 PPG SLIGHTLY POLYMERIZED DRILL WATER 1, 2810', 2723', 2637', 2550', 213', 83' & 39'. Total	13.5 ppg 119.1 bbls 6 hrs w/ 1500 psi 0 psi at 2 bpm YES abls (92.5 sx) sNo
Size	Used + 0.1% D046 Antifoam 1.27 cuft/sx, 127 cuft slurry at Displacement: Bumped Plug at: 22:56 Final Circ Press: 75 Returns during job: CMT Returns to surface: 43 I Floats Held: X Ye UNCEMENTED LINER Schematic prepared by: Steven O. Moore, Drilling Engi 8-June-2004 In a guide shoe and an aluminum baffle plate 1 jt above the guide shoe. Inter. Shut in casing head and WOC before backing out landing jt. 19' & 59'. H WATER & 99.1 BBLS. 8.4 PPG SLIGHTLY POLYMERIZED DRILL WATER 12, 2810', 2723', 2637', 2550', 213', 83' & 39'. Tota 2118' & 2075' Tota	13.5 ppg 119.1 bbls 8 hrs w/ 1500 psi 0 psi at 2 bpm YES obls (92.5 sx) sNo neer http://www.neer.com/neer
Size 5 1/2 in Nominal Wt. 15.5 ppf Grade J-55 Connections # Jnts: 8 Hole Size 6.25 / 9.5 inches Underreamed 6-1/4" hole to 9.5" from 2996' to 70 pof Liner 2967 ft PBTD 3317 ft Bottom of Liner 3318 ft set in 4 ft of fill on to 10 set in 4 ft of fill on 10 set in 4 ft of f	Used + 0.1% D046 Antifoam 1.27 cuft/sx, 127 cuft slurry at Displacement: Bumped Plug at: 22:55 Final Circ Press: 75 Returns during job: CMT Returns to surface: 43 Floats Held: X Yes bottom UNCEMENTED LINER Schematic prepared by: Steven O. Moore, Drilling Engi 8-June-2004 In a guide shoe and an aluminum baffle plate 1 jt above the guide shoe. Inter. Shut in casing head and WOC before backing out landing jt. 19' & 59'. H WATER & 99.1 BBLS. 8.4 PPG SLIGHTLY POLYMERIZED DRILL WATER 12, 2810', 2723', 2637', 2550', 213', 83' & 39'. Total on bottom of liner. Ran and set the liner w/ TIW H-Latch Drop Off Tool (no liner hange)	13.5 ppg 119.1 bbls 8 hrs w/ 1500 psi 0 psi at 2 bpm YES obls (92.5 sx) sNo neer http://www.neer.com/neer
Size 5 1/2 in Nominal Wt. 15.5 ppf Grade J-55 Connections # Jnts: 8 Hole Size 6.25 / 9.5 inches Underreamed 6-1/4" hole to 9.5" from 2996' to 70 f Liner 2967 ft PBTD 3317 ft Bottom of Liner 3318 ft set in 4 ft of fill on 6 This well was NOT cavitated. COMMENTS: 9-5/8" Surf: No float equipment was run. Ran Displaced top wiper plug with wat CENTRALIZERS @ 220', 142', 95 7" Intermediate DISPLACED W/20 BBLS. FRESH CENTRALIZERS @ 2976', 2897', TURBOLIZERS @ 2205', 2161', 25.5" Liner Ran bladed shoe with float valve Perforations	bottom I Used + 0.1% D046 Antifoam 1.27 cuft/sx, 127 cuft slurry at Displacement: Bumped Plug at: 22:55 Final Circ Press: 75t Returns during job: CMT Returns to surface: 43 Floats Held: X Yes bottom INCEMENTED LINER Schematic prepared by: Steven O. Moore, Drilling Engis 8-June-2004 In a guide shoe and an aluminum baffle plate 1 jt above the guide shoe. Inter. Shut in casing head and WOC before backing out landing jt. 19' & 59'. H WATER & 99.1 BBLS. 8.4 PPG SLIGHTLY POLYMERIZED DRILL WATER 1, 2810', 2723', 2637', 2550', 213', 83' & 39'. Tota 10 tota 11 tota 12 tota 13 tota 14 tota 15 tota 16 tota 17 tota 18 tota 17 tota 18 tota 18 tota 19 tota 20 tota 20 tota 20 tota 21 tota 22 tota 23 tota 24 tota 24 tota 24 tota 25	13.5 ppg 119.1 bbls 8 hrs w/ 1500 psi 0 psi at 2 bpm YES obls (92.5 sx) s No neer li: 4 li: 9 li: 4 ler).
Size 5 1/2 in Nominal Wt. 15.5 ppf Grade J-55 Connections # Jnts: 8 Hole Size 6.25 / 9.5 inches Underreamed 6-1/4" hole to 9.5" from 2996' to 70 f Liner 2967 ft PBTD 3317 ft Bottom of Liner 3318 ft set in 4 ft of fill on to 9.5" from 2996' to 9.5" ft pBTD 3317 ft Bottom of Liner 3318 ft set in 4 ft of fill on to 9.5" ft set	bottom IUsed # 0.1% D046 Antifoam 1.27 cuft/sx, 127 cuft slurry at Displacement: Bumped Plug at: 22:55 Final Circ Press: 75 Returns during job: CMT Returns to surface: 43 Floats Held: X Yes TD 3,322 ft Schematic prepared by: Steven O. Moore, Drilling Engis B-June-2004 In a guide shoe and an aluminum baffle plate 1 jt above the guide shoe. Inter. Shut in casing head and WOC before backing out landing jt. 19' & 59'. H WATER & 99.1 BBLS. 8.4 PPG SLIGHTLY POLYMERIZED DRILL WATER 1, 2810', 2723', 2637', 2550', 213', 83' & 39'. Total Total Total Total 1.27 cuft/sx, 127 cuft slurry at 2118' & 2075' Total To	13.5 ppg 119.1 bbls 8 hrs w/ 1500 psi 0 psi at 2 bpm YES obls (92.5 sx) s No neer li: 4 li: 9 li: 4 ler).
Size	Used # 0.1% D046 Antifoam 1.27 cuft/sx, 127 cuft slurry at Displacement: Bumped Plug at: 22:55 Final Circ Press: 75 Returns during job: CMT Returns to surface: 43 Floats Held: X Yes TD 3,322 ft Schematic prepared by: Steven O. Moore, Drilling Engi 8-June-2004 In a guide shoe and an aluminum baffle plate 1 jt above the guide shoe. Inter. Shut in casing head and WOC before backing out landing jt. 19' & 59'. H WATER & 99.1 BBLS. 8.4 PPG SLIGHTLY POLYMERIZED DRILL WATER 1, 2810', 2723', 2637', 2550', 213', 83' & 39'. Tota Tot	13.5 ppg 119.1 bbls 8 hrs w/ 1500 psi 0 psi at 2 bpm YES obls (92.5 sx) s No neer li: 4 li: 9 li: 4 ler).
Size	Used # 0.1% D046 Antifoam 1.27 cuft/sx, 127 cuft slurry at Displacement: Bumped Plug at: 22:55 Final Circ Press: 75 Returns during job: CMT Returns to surface: 43 Floats Held: X Yes TD 3,322 ft Schematic prepared by: Steven O. Moore, Drilling Engi 8-June-2004 In a guide shoe and an aluminum baffle plate 1 jt above the guide shoe. Inter. Shut in casing head and WOC before backing out landing jt. 19' & 59'. H WATER & 99.1 BBLS. 8.4 PPG SLIGHTLY POLYMERIZED DRILL WATER 1, 2810', 2723', 2637', 2550', 213', 83' & 39'. Tota Tota 10 18' & 2075' Tota 11 18' & 2075' Tota 10 19' & 59'. Tota 11 19' & 59'. Tota 12 118' & 2075' Tota 13 10 19' & 59'. Tota 14 2118' & 2075' Tota 15 2118' & 2075' Tota 16 2118' & 2075' Tota 17 30 19' 3044', 3094'-3104', 3107'-3113', 3126'-3132', 3150'-3162', 3165'-3168', 31'-3229', 3231'-3241': Total 320 holes Tota 918' slots just below the upset,	13.5 ppg 119.1 bbls 8 hrs w/ 1500 psi D psi at 2 bpm YES obls (92.5 sx) sNo neer 11: 4 ul: 9 ul: 4 ler).
Size	Used + 0.1% D046 Antifoam 1.27 cuft/sx, 127 cuft slurry at Displacement: Bumped Plug at: 22:55 Final Circ Press: 75 Returns during job: CMT Returns to surface: 43 Floats Held: X Yes bottom TD 3,322 ft Schematic prepared by: Steven O. Moore, Drilling Engi 8-June-2004 In a guide shoe and an aluminum baffle plate 1 jt above the guide shoe. Inter. Shut in casing head and WOC before backing out landing jt. 19' & 59'. H WATER & 99.1 BBLS. 8.4 PPG SLIGHTLY POLYMERIZED DRILL WATER 12,2810', 2723', 2637', 2550', 213', 83' & 39'. Tota Tota Tota Tota On bottom of liner. Ran and set the liner w/ TIW H-Latch Drop Off Tool (no liner hang on E-line at 4 spf, 0.75" diameter, 120 degree phased holes 1039'-3044', 3094'-3104', 3107'-3113', 3126'-3132', 3150'-3162', 3165'-3168', 3 1'-3229', 3231'-3241': Total 320 holes or 29.88' long with eight each 0.25" x 8" slots just below the upset, 17, 2-3/8" OD (1.78" ID) F-Nipple, 1 ea 6' pup jt, and 103 jts 2-3/8" 4.7# J-55 EUE 8rd to	13.5 ppg 119.1 bbls 8 hrs w/ 1500 psi D psi at 2 bpm YES obls (92.5 sx) sNo neer 11: 4 ul: 9 ul: 4 ler).
Size	Used + 0.1% D046 Antifoam 1.27 cuft/sx, 127 cuft slurry at Displacement: Bumped Plug at: 22:55 Final Circ Press: 75t Returns during job: CMT Returns to surface: 43 Floats Held: Yes TD 3,322 ft Schematic prepared by: Steven O. Moore, Drilling Engi 8-June-2004 In a guide shoe and an aluminum baffle plate 1 jt above the guide shoe. Inter. Shut in casing head and WOC before backing out landing jt. 19' & 59'. Total H WATER & 99.1 BBLS. 8.4 PPG SLIGHTLY POLYMERIZED DRILL WATER 12,2810', 2723', 2637', 2550', 213', 83' & 39'. Total To	13.5 ppg 119.1 bbls 8 hrs w/ 1500 psi D psi at 2 bpm YES obls (92.5 sx) sNo neer 11: 4 ul: 9 ul: 4 ler).
Size	Used + 0.1% D046 Antifoam 1.27 cuft/sx, 127 cuft slurry at Displacement: Bumped Plug at: 22:55 Final Circ Press: 756 Returns during job: CMT Returns to surface: 431 Floats Held: X Yes bottom UNCEMENTED LINER Schematic prepared by: Steven O. Moore, Drilling Engil B-June-2004 In a guide shoe and an aluminum baffle plate 1 jt above the guide shoe. Iter. Shut in casing head and WOC before backing out landing jt. 19' & 59'. H WATER & 99.1 BBLS. 8.4 PPG SLIGHTLY POLYMERIZED DRILL WATER 7, 2810', 2723', 2637', 2550', 213', 83' & 39'. Tota 1118' & 2075' Tota 10 no bottom of liner. Ran and set the liner w/ TIW H-Latch Drop Off Tool (no liner hang on E-line at 4 spf. 0.75" diameter, 120 degree phased holes 1039'-3044', 3094'-3104', 3107'-3113', 3126'-3132', 3150'-3162', 3165'-3168', 31'-3229', 3231'-3241': Total 320 holes or 29.88' long with eight each 0.25" x 8" slots just below the upset, 17, 2-3/8" OD (1.78" ID) F-Nipple, 1 ea 6' pup jt, and 103 jts 2-3/8" 4.7# J-55 EUE 8rd to Top of F-Nipple at 3270' MD RKB. 2" x 1-1/2" x 12' RWAC-Z insert pump, 1 ea 4' x 3/4" pony rod on top of pump,	13.5 ppg 119.1 bbls 8 hrs w/ 1500 psi D psi at 2 bpm YES obls (92.5 sx) sNo neer 11: 4 ul: 9 ul: 4 ler).
Size	Used + 0.1% D046 Antifoam 1.27 cuft/sx, 127 cuft slurry at Displacement: Bumped Plug at: 22:55 Final Circ Press: 756 Returns during job: CMT Returns to surface: 431 Floats Held: X Yes bottom UNCEMENTED LINER Schematic prepared by: Steven O. Moore, Drilling Engis B-June-2004 In a guide shoe and an aluminum baffle plate 1 jt above the guide shoe. Inter. Shut in casing head and WOC before backing out landing jt. 19' & 59'. H WATER & 99.1 BBLS. 8.4 PPG SLIGHTLY POLYMERIZED DRILL WATER 7, 2810', 2723', 2637', 2550', 213', 83' & 39'. Tota On bottom of liner. Ran and set the liner w/ TIW H-Latch Drop Off Tool (no liner hang) on E-line at 4 spf. 0.75" diameter, 120 degree phased holes 1039'-3044', 3094'-3104', 3107'-3113', 3126'-3132', 3150'-3162', 3165'-3168', 3 11'-3229', 3231'-3241': Total 320 holes or 29.88' long with eight each 0.25" x 8" slots just below the upset, 17, 2-3/8" OD (1.78" ID) F-Nipple, 1 ea 6' pup jt, and 103 jts 2-3/8" 4.7# J-55 EUE 8rd to. Top of F-Nipple at 3270' MD RKB. 2" x 1-1/2" x 12' RWAC-Z insert pump, 1 ea 4' x 3/4" pony rod on top of pump, with 1 ea 8', 6', & 2' x 3/4" OD pony rods & 1 ea 1-1/4" OD x 22' polished rod	13.5 ppg 119.1 bbls 8 hrs w/ 1500 psi D psi at 2 bpm YES obls (92.5 sx) sNo neer 11: 4 ul: 9 ul: 4 ler).

Operations Summary Report

Legal Well Name: BLANCO 202A Common Well Name: BLANCO 202A

Spud Date: 5/13/2004

Event Name:

COMPLETION

5/23/2004

End: 6/2/2004

Contractor Name:

KEY ENERGY SVCS

Start: Rig Release: 6/2/2004

Group:

Rig Name:	KEY 22	Rig Number: 22
ag name.	NET 22	Nig Number. 22

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/24/2004	09:00 - 13:00	4.00	MOVE	мов	COMPZN	SAFETY MEETING PRIOR TO STARTING OPERATIONS-
	13:00 - 14:30	1.50	WELCTL	NUND	COMPZN	MIRU KEY 22 & SPOT AUXILARY EQUIPMENT- SI 7" INTERMEDIATE CSG -0- PSIG-NU BOPE-
						FUNCTION TEST BOPE (LEAKING SHAFT SEAL ON SINGLE GATE
						BOP)- NOTIFIED BLM @ 08:30, 5-23-2004 OF PENDING CSG INTEGRITY
	14:30 - 17:30	3.00	MOVE	RURD	COMPZN	TEST. RU AUXILARY EQUIPMENT-
	14.30 - 17.30	3.00	MOVE	NOND	COMPZN	REPLACE SINGLE GATE BOP LOCKING SHAFT AND SEALS
	17:30 - 18:00	0.50	WELLPR	OPNW	COMPZN	(POSSIBLE DEBRIS IN HYRAULIC FLUID).
5/25/2004	07:00 - 09:00		WELLPR		COMPZN	SAFETY MEETING PRIOR TO STARTING OPERATIONS-
	09:00 - 10:45	1.75	WELCTL	BOPE	COMPZN	RU FLOOR & AUXILARY EQUIPMENT- SI 7" INTERMEDIATE CSG -0- PSIG
						NOTIFIED BLM @ 08:30, 5-23-2004 OF PENDING CSG INTEGRITY
					ĺ	TEST. PT BLIND RAMS & 7" CASING T/ 200 PSIG -20MIN.
						PT BLIND RAMS / CASING INTEGRITY TEST T/ 1800 PSIG-30 MIN (OK).
	10:45 - 11:30		WELLPR		COMPZN	RIG INSPECTION AND CORRECTED ITEMS.
	11:30 - 14:00	2.50	RPCOME	PULD	COMPZN	SLIP, CALIPER, TALLY 3-1/2" DC'S- SLIP AND TALLY 2-7/8" DRILL PIPE-
						MU 6-1/4" RR STX-30 TRI-CONE INSERT BIT JETTED W/ 3-20'S W/
						3-1/2" REG BOX x 2-3/8"IF BOX BIT SUB BORED, TAPPED, AND CONTAINING A FLOAT VALVE, W/ 12-(3-1/2") DC'S-TBHA 375., W/
						2-3/8"IF X 2-7/8" AOH X-O SUB, W/ 82- JOINTS 2-7/8" AOH DRILL PIPE T/2930'KB.
	14:00 - 16:00	2.00	WELCTL	BOPE	COMPZN	RU POWER SWIVEL-
		į				CIRCULATE WELLBORE ANNULUS CLEAN W/ Kfc PRODUCED WATER-
						PT #2 PIPE RAMS CHOKE MANIFOLD / 7" CASING T/200 PSIG -3 MIN & 1800 PSIG -15MIN (OK)
						PT #1 PIPE RAMS & HCR VALVES T/200 PSIG-3MIN & 1800
		[PSIG-15MIN (OK) ISOLATE AND CHECK DRILL PIPE FLOAT VALVE (OK)-
						PT STANDPIPE / KELLY HOSE / POWER SWIVEL / & 2-7/8" TIW
					}	VALVE T/ 2000 PSIG-10 MIN (OK) . PT AIR LINES & MIST PUMP T/1500 PSIG (OK).
	16:00 - 17:00	1.00	EVALWB	CIRC	COMPZN	UNLOAD 7" X 2-7/8" ANNULUS & BREAK CIRCULATION W/ AIR MIST @ 700 PSIG.
	17:00 - 17:30		WELLPR		COMPZN	SDON.
5/26/2004	07:00 - 10:00	3.00	WELLPR	KURD	PROD1	SAFETY MEETING PRIOR TO STARTING OPERATIONS- SICP 7" -0- PSIG.
	10:00 12:00	2 00	WELLDO	CIDO	DDOD4	RU MUD LOGGERS AND WAIT ON AIR JAMMER-
	10:00 - 12:00	2.00	WELLPR	CIRC	PROD1	BREAK CIRCULATION W/ 1500 CFM AIR & 6 BPH MIST CONTAINING 1 GAL F-450 FOAMER & 1/4 GAL CORRISION INHIBITOR / 10 BBLS
				1		PRODUCED Kfc WATER@ 500 PSIG- DRILLOUT CEMENT / FC @2940'KB / CEMENT / GS @ 2986'KB /
	12:00 40:00	7.00	י ווסט	DBI C	DDOD4	CEMENT T/ 2992'KB, 8-3/4" TD.
	12:00 - 19:00	7.00	DRILL	DRLG	PROD1	DRILLING 6-1/4" OPEN HOLE SECTION F/2993 - T/ 3322'KB,TD / PBTD-
1				!		W/ 750 -1500 CFM AIR & 6-8 BPH MIST W/ ABOVE CHEMICAL CONCENTRATIONS @ 500 PSIG TO MAINTAIN CIRCULATION-
						SOME THAT TONS W 300 FSIG TO MAINTAIN CIRCULATION-
		L			l	Printed: 6/18/2004 7:47:57 AM

Operations Summary Report

Legal Well Name: BLANCO 202A Common Well Name: BLANCO 202A

Spud Date: 5/13/2004 End: 6/2/2004 Event Name: COMPLETION Start: 5/23/2004

Rig Release: 6/2/2004 Contractor Name: **KEY ENERGY SVCS** Group:

KEY 22 Rig Number: 22 Rig Name:

Rig Name:	ì	KEY 22				Rig Number:	22		
Date	From - To	Hours	Code	Sub Code	Phase	## () () () () () () () () () (Descriptio	n of Operations	
5/26/2004	12:00 - 19:00	7.00	DRILL	DRLG	PROD1	COAL INTERVALS 3015-3020' 3035-3036' 3038-3044' 3094-3106' 3116-3112' 3113-3114' 3127-3132' 3146-3147' 3152-3162' 3165-3167' 3176-3178' 3204-3213' 3214-3218' 3219-3222' 3223-3236' TOTAL NET FEET UPPER COALS: W SATIN LUSTER, W CLEATING IS POO OBLIQUE ANGLE I PYRITE AND RARI MIDDLE COALS: 6' DULL BLACK- SATIN LUSTER OV OCCASIONAL INTI HAVE SMOKY QUA TRACE OF BENTO LOWER COALS: 6' BRIGHT BLACK- FLAT BLACK TO S. SLIGHT SUB-GLAS FAIRLY COMMON INDICATOR)	NET FEET (5') (1') (6') (11') (6') (1') (5') (10') (2') (2') (9') (4') (3') OF COAL 79'. ERE 60% DULI 7' 10% BRIGHT 7' 10% BRIGHT R W/ SOME FA NTERSECTION E WOOD FIBER 0% INTERMED VERALL, SUB-E ERSECTING CI ARTZ CRYSTA INITE. D' MOSTLY DI ATIN LUSTER. SSY LUSTER. BROWN CALC PED CUTTING IONS.	0 1 10 2 10 1 24 53 530 53 100 18 150 20 71 7 71 43 150 24 200 24 200 46 250 27 260 26 260 27 L BLACK & 30% INT BLACK- NS. TRACE AMOUN R TEXTURE WAS PI PIATE, 25% BRIGHT BLOCKY W/ FAIR CI LEAT PLANES.SEV L CLUSTERS- ULL, 30% INTERME RARE BLACK COA	MAX GAS UNITS 0 10 10 10 10 10 10 10 10 10 10 10 10 1
	19:00 - 01:00	6.00	DRILL	CIRC	PROD1	INCREASED F/225 R&R @ 3320'TD, P ABOVE CHEMICAL RETURNS: 1+ DOV	-T/295 & BACK BTD W/ 1500 C .S @ 400 PSIG VN T/ 1/4 OF A	B. BACKGROUND (DOWN T/245 UNIT FM & 6 BBL / HR M - BUCKET / HR OFF KS DOWN TO COFI	'S. IST RATE W/ MUD LOGGER
	01:00 - 03:00	2.00	DRILL	CIRC	COMPZN			LOW TEST W/ 1500	OFM AIR
	03:00 - 03:45	0.75	RPCOMP	TRIP	COMPZN	PULL UP INTO 7" C			
L	L	L	L	L	L			2:4:4:00	R/2004 7:17:57 AM

Operations Summary Report

Legal Well Name: BLANCO 202A Common Well Name: BLANCO 202A

Spud Date: 5/13/2004

Event Name:

COMPLETION

Start: 5/23/2004 End: 6/2/2004

Contractor Name:

KEY ENERGY SVCS

Rig Release: 6/2/2004

Group:

Rig Name:	KEY 22	Rig Number: 22
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rig Name. Date	From - To	Hours	Code	Sub	Phase:	Nig ivui	IIIDGI.		ription c	f Opera	tions		
				Code	alays (fillin						t the second		
5/26/2004	03:45 - 05:00	1.25	FLOWT	PRDT	COMPZN	FLOW TES			LD#'S Pi	TOT #'S	MSC	ΕD	,
						CONSISTE		WANTO	LD#3 11	101#5	WIGO		′
						15MIN		13		3.25	1073	1	DRY
						30MIN		13		3.25	1073	/	DRY
		ĺ				45MIN 60MIN		12 12		3.0 3.0	1065 1065	1	DRY DRY
	05:00 - 06:00	1 00	EVALFM	SIPB	COMPZN	SIPBU		12		3.0	1003	'	DIXT
	00.00					1	MIN :	30MIN 4	45MIN 6	OMIN			
						20# 96				0#			
/27/2004	10:30 - 12:00	1.50	EVALFM	SIPB	COMPZN	SAFETY M		PRIOR	TO STAR	TING OPE	ERATIONS	3-	
						6 HR SICP		#1 1877 27	17# @ 7 " (SHOE			
				}		CIRCULAT			_		6 BPH MI	ST-	
						RETURNS:						•	
	12:00 - 16:30	4.50	RPCOME	TRIP	COMPZN	SHORT TR	NP F/ 29	9 <mark>63 - T</mark> /33	316'KB, 6'	OF FILL A	FTER SU	RGE	#1-
				ļ		PULL UP II		_	B-				
						RD POWER			E AND EA	LL PROT	ECTION.		
				1		COOH W/				LL FIXOT	ECTION-		
						MU 5-7/8" >				UNDER-I	REAMER	W/ (I	ROLLER
						CUTTERS)							APPED,
						AND CONT							
						GIH W/ BH RUN 1-JT A							
						RU POWER			OLLAINO I	12330 NB	, , 51101	<u>w</u> 2	.500 115.
	16:30 - 04:00	11.50	DRILL	REAM	COMPZN	BREAK CIF			NDER-RE	AM @ 70	0-800 PS	IG W	/ 1500
						CFM AIR &							
						(CONTAINI) / 10 BBL	S AND 1/4	GAL / 10	BBL	.S
			ļ			CORRSION F/2996-332			1100_1500	_ET_1 BS (TORO		NI ~RK
						WOB @ 80			1100-1500	-1 1-LDQ (or rong	UL,	W/ -OIC
	04:00 - 06:00	2.00	EVALWB	CIRC	COMPZN	CIRCULAT			LEAN PRI	OR TO P	ULLING		
				l		UNDER-RE							
5/28/2004	06:00 - 06:30	0.50	RPCOME	TRIP	COMPZN	SAFETY M						S-	
			į			RD POWER			INTO /	@2963 NB)-		
	06:30 - 07:30	1.00	EVALFM	PRDT	COMPZN	FLOW TES							
						TIME C	HOKE	MANIFO	LD#'S PI	TOT#'S	MSCI	-D	1
						CONSISTE							
						15MIN		11		2.75	985	1	WET
						30MIN 45MIN		11 13		2.75 3.25	985 1065	1	WET WET
						60MIN		13		3.25	1065	1	WET
						DID NOT D	RY UP	PRIOR T	O FLOW 1				
	07.20 20.02	2.55	DDCC:-	TDIS	001/27:	HOLE.	1. VD 21		n mm	_			
	07:30 - 09:30	2.00	RPCOMF	FRIP	COMPZN	COOH & LA							
	09:30 - 16:45	7.25	EVALFM	SIPB	COMPZN	MU & RUN SIPBU	U-1/4 /	3-1/2 L	o sukut	JOINT.			
				J., D		SURGE #	ISIP	15MIN	30MIN	45MIN	60MIN		
						2	9#	60#	125#	170#	200#		
		1	1		1	3	Ω#	00#	145#	188#	205#		
					1	4	9# 6#	90# 80#	135#	175#	205#		

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Operations Summary Report

Legal Well Name: BLANCO 202A Common Well Name: BLANCO 202A

Event Name:

COMPLETION

Start:

5/23/2004

Spud Date: 5/13/2004

Rig Release: 6/2/2004

End: Group: 6/2/2004

Contractor Name: Rig Name:

KEY ENERGY SVCS KEY 22

Rig Number: 22

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/28/2004	09:30 - 16:45	7.25	EVALFM	SIPB	COMPZN	5 5# 75# 120# 160# 185# LOADING UP &
						LOGGING OFF 6 4# 70# 120# 160# 175# WELL MAKES
		}				TOO MUCH WATER TO SURGE OOH
	16:45 - 19:15	2.50	RPCOME	TRIP	COMPZN	PERFORM NATURAL SURGES #2-#6 W/ 205-175#'S. PULL & LAYDOWN SURGE JOINT-
						GiH W/ 6-1/4" DRLG ASSEMBLY T/ 2963', 7" SHOE @ 2986'KB-
						RU POWER SWIVEL- GIH & TAG @ 3319', 3' OF NEW FILL ABOVE 3322'KB, PBTD.
	19:15 - 20:30	1.25	EVALWB	CIRC	COMPZN	BREAK CIRCULATION & CO 3' OF FILL-
						R&R @ 500 PSIG W/ 1500 CFM AIR & 6 BPH MIST CONTAINING 1-GAL/10 BBLS F-450 FOAMER & 1/4 GAL/10 BBLS CORRISION
						INHIBITOR-
						RETURNS: 1 DOWN TO 1/4 BUCKET / HR OF COFFEE GROUNDS
	20:30 - 22:30	2.00	EVALWB	CIRC	COMPZN	DOWN TO FACE POWDER TYPE OF (COAL 99%). DRY UP WELLBORE PRIOR TO FLOW TEST W/ 1500 CFM AIR @400
						PSIG-
	22:30 - 23:00	0.50	RPCOME	TRIP	COMPZN	~1 GAL/ 30 SECONDS = 2 GAL/MIN = ~70BWPD PH OF 8. PULL UP INTO 7" @ 2963'KB.
	23:00 - 00:00	f .	EVALFM	ł	COMPZN	FLOW TEST THRU 2"
						TIME CHOKE MANIFOLD #'S PITOT #'S MSCFD / CONSISTENCY
						15MIN 8 2.00 869 / DRY
						30MIN
						60MIN 8 2.00 869 / DRY
	00:00 - 06:00	6.00	EVALFM	SIPB	COMPZN	SIPBU
						SURGE # ISIP 15MIN 30MIN 45MIN 60MIN 7 14# 122# 146# 148# 148#
						8 14# 122# 145# 147# 150#
	Ė					9 11# 120# 170# 200# 210# PERFORM NATURAL SURGES #7-#9 W/ 148-210#'S.
			1			BLOW AROUND @ 7" SHOE BETWEEN SIPBU.
5/29/2004	06:00 - 12:00	6.00	RPCOME	מוסד	COMPZN	RETURNS: GOOD FLOW TO PIT AFTER SURGE #9- SAFETY MEETING PRIOR TO STARTING OPERATIONS-
0/23/2004	00.00 - 12.00	0.00	IXI COM	LIXE	COMPZIN	SHORT TRIP F/ 2963-T/3320', ~ 2' OF NEW FILL AFTER LAST 3
						NATURAL SURGES
						SHORT TRIPBACK UP INTO 7"- HANG BACK POWER SWIVEL-
						COOH W/ 6-1/4" DRLG ASSEMBLY-
						6-1/4" RR BIT GRADED:-(1-1-NO-A-E-I-NO-TD)- MU "H" LATCH LINER HANGER ASSEMBLY ON FIRST JOINT OF
						DRILL PIPE.
	12:00 - 12:15	0.05	WELCT	חספר	DD 0 D4	MU 6-1/16" TIW BLADED SHOE ON 1ST JOINT OF CASING.
	12:15 - 14:15		WELCTL CASING		PROD1	X-O & PT PIPE RAMS T/140 PSIG- (OK) GIH W/ 5-1/2" 15.5 PPF J-55 LT&C CASING / LINER AS FOLLOWS:
						6-1/16" OD BLADED SHOE WELDAT VALVE
						6-1/16" OD BLADED SHOE W/ FLOAT VALVE - 1.00'
						8- JTS 5-1/2" CASING -
						347.30' 6-1/8" TIW "H" ROTATING SET COLLAR -
						2.40'

Operations Summary Report

Legal Well Name: BLANCO 202A Common Well Name: BLANCO 202A

Spud Date: 5/13/2004

Event Name:

COMPLETION

5/23/2004

End: 6/2/2004

Contractor Name:

KEY ENERGY SVCS

Start: Rig Release: 6/2/2004

Group:

Rig Name:

KEY 22

Rig Number: 22

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/29/2004	12:15 - 14:15	2.00	CASING	RUNC	PROD1	TOTAL LINER ASSEMBLY -
	14:15 - 14:45	0.50	CASING	ноѕо	PROD1	350.70' GIH W/ TOTAL OF 84 JTS 2-7/8" DRILLPIPE T/2977'KB. GIH W/ 5-1/2" LINER ASSEMBLY F/2977' & TAG UP @ 3318'KB. SET 5-1/2" LINER ASSEMBLY F/ 2967-T/3318'KB EOL- W/ PBTD @ 3317'KB-
	14:45 - 15:30	0.75	EVALWB	CIRC	COMPZN	RELEASE OFF OF LINER ASSEMBLY TOL @ 2967'KB. RU POWER SWIVEL- PULL UP SETTING TOOL T/2962'KB AND BLOW 7" X 2-7/8" WELLBORE CLEAN W/ AIR / MIST,
	15:30 - 20:00	4.50	RPCOME	PULD	COMPZN	UNLOADED A SLUG OF WATER. COOH & LAYDOWN 2-7/8" DP AND SETTING TOOL-
	20:00 - 06:00	10.00	WELLPR	RURD	COMPZN	TRIP IN & LAYDOWN DC'S. CHANGE OUT #1 PIPE RAMS T/ 2-3/8"-
						RD POWER SWIVEL & MANUAL TONGS- PREP & TALLY TBG
5/30/2004	06:00 - 13:00	7.00	PERF	PERF	COMPZN	RU TO PERFORATE. SAFETY MEETING PRIOR TO STARTING OPERATIONS- SICP 200 PSIG-
		:				RU BLUE JET- PT LUBRICATOR T/ 200 PSIG (OK)-
				İ		GIH & PERFORATE Kfc INTERVALS:
			İ			3231-3241'
]			3221-3229'
						3214-3218'
		Ì.				3204-3212'
		1				3176-3179' 3165-3168'
					İ	3150-3162'
						3126-3132'
				ļ	ļ	3107-3113'
	Ì					3094-3104'
						3039-3044'
						3015-3020'
						TOTAL 320 (0.75") DIAMETER 120 DEGREE PHASED HOLES. 1-MIS-FIRE
	12:00 11:00	100	RPCOME	101 " 0	COMPA	RD PERFORATORS.
	13:00 - 14:00	1.00	RPCOM	POLD	COMPZN	MU 2-7/8" ORANGE PEELED MUD ANCHOR W/ 8" X 1/4" SLOTS, W/ 2-7/8" X 2-3/8" X-O COLLAR, W/ 2-3/8" X 1.78" ID FN W/ FWE PLUG-
						(PT BP IN FN 5-27-2004 @ B&R SERVICE SHOP T/ 1000 PSIG)-
						TOO WINDY TO PICK-UP TBG DUE TO POSSIBLE CROSS THREADING.
	14:00 - 14:15				COMPZN	SDON.
6/2/2004	07:00 - 07:15	0.25	WELLPR	SFTY	COMPZN	SAFETY MEETING PRIOR TO STARTING OPERATIONS- SICP-210 PSIG.
	07:15 - 08:00		WELCTL	1		PT 2-3/8" PIPE RAMS T/ 210 PSIG (OK)- BLEED WELL DOWN TO PIT.
	08:00 - 10:30	2.50	RPCOME	PULD	COMPZN	GIH W/ 29.88' X 2-7/8" 8RD EUE BOX ORANGE PEELED MUD ANCHOR W/ 8-(1/4" X 8") SLOTS, 2-7/8" X 2-3/8" EUE 8RD X-O COLLAR (0.46'), W/ 0.85' x 2-3/8" OD X 1.78" ID "F" NIPPLE CONTAINING BLANKING PLUG
				1		W/ 2-3/8" X 6.0' PUP JOINT-
[W/ 103 JTS 2-3/8" EUE 8RD 4.7 PPF J-55 TBG MEASURING
1	1	1	1		1	

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Operations Summary Report

Legal Well Name: BLANCO 202A Common Well Name: BLANCO 202A

Spud Date: 5/13/2004

Event Name:

COMPLETION

5/23/2004

End: 6/2/2004

Contractor Name:

KEY ENERGY SVCS

Start: Rig Release: 6/2/2004

Rig

Group:

tig Name: KEY 22	Rig Number:	22
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Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/2/2004	08:00 - 10:30	2.50	RPCOME	PULD	COMPZN	(3252.41')- LAND TBG W/ 2-3/8" EUE 8RD X 7-1/16" TBG HGR CONTAINING A BPV PBTD @ 3317'KB EOT / MUD ANCHOR @ 3300.5'KB 1/4" X 8" SLOTS 3272'KB. 1.78" FN @ 3270'KB. PERF INTERVAL 3015-3241'KB. TOP OF LINER @ 2967'KB.
	10:30 - 12:45	2.25	WELCTL	NUND	COMPZN	RIG DOWN FLOOR & AUXLIARY EQUIPMENT- ND BOPE & NU 2-3/8" EUE 8RD X 7-1/16" 3M BONNET.
	12:45 - 14:00	1.25	RPEQPT	SLKL	COMPZN	RU B&R SERVICE SLICKLINE- PT LUBRICATOR T/ 200 PSIG- RUN EQUALIZING PROBE AND RUPTURE DISC IN FWE BP IN FN @ 3270'KB- TRIP AND RETRIEVE PLUG- FLUID LEVEL @ 3075'KB. FINAL SIP-230 PSIG.
	14:00 - 18:15	4.25	RPEQPT	PULD	COMPZN	RU TO RUN RODS- FUNCTION TEST INSERT PUMP (OK)- GIH W/ 12" STRAINER ATTACHED BELOW 2" X 1 1/2" X 12' RWAC-Z INSERT PUMP SN: (CP122) W/ 4' PONY ROD AND 130 3/4" NORRIS, TYPE 78, API GRADE "D" RODS & SPACE OUT W/ 8',6', & 2' PONY ROD, RUN 1 1/4" X 22' POLISHED ROD. RIG UP ABOVE 2-3/8" COLLAR 1-1/4" ROD RATAGAN, 2-3/8" PUMPING TEE W/ 2" & 1" OUTLETS W/ BALL VALVES, STUFFING BOX. PUMP SEATED @ 3270'KB,FN. LOAD TBG W/ 12 BBLS CLEAN PRODUCED Kfc WATER- PT STANDING VALVE, TBG, STUFFING BOX T/ 500 PSIG (OK)- STROKE PUMP T/500 PSIG & CHECK TRAVELING VALVE (OK). HANG OFF PUMP.
6/3/2004	18:15 - 19:00 07:00 - 07:30		WELLPR WELLPR	5	COMPZN COMPZN	SDON. SAFETY MEETING PRIOR TO STARTING OPERATIONS-
	07:30 - 10:30 10:30 - 15:00	I	RPCOMF WELLPR	f	COMPZN	LAY OUT & INSPECT 3-1/2" DC'S & X-O SUB'S (OK). RIG DOWN AUXILARY EQUIPMENT & COMPLETION RIG- RELEASE RIG @ 15:00, 6-2-04, T/FC STATE COM #4A- DROP FROM REPORT- TURN OVER TO PRODUCTION OPERATIONS- "JOB COMPLETE"