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

	WELL C	OMPL	ETION C	R RE	COMPL	ETION	REPOR	TAN	D LO	G/s			ase Serial No. MSF078281		
la. Type of	Well		⊠ Gas \			Other				500		6. If l	ndian, Allottee	or Tribe Name	
Other _			ew Well r	□ Wor	k Over	□ Deepe	n Ö .₽ - \	lug Bac	k∕)□	Diff. Re	svr.	7. Un	it or CA Agreer	ment Name and No.	
2/ Name of	Operator COPHILLIPS	COMP	ANY	_	Cont	act: CHRI	S GUSTA I: christin		rtis@co	onocoph			ase Name and V AN JUAN 29-5		
	PO BOX 2 HOUSTON	197 WL:	3 6054				3a. Phone	No.c(in	clude ar	ea code)	Oct of the second	9. API Well No. 30-039-07625-00-S2			
4. Location	and in accordance with Federal req				832.486.2463 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)				10. Field and Pool, or Exploratory						
At surfac			5W Mer NN L 1650FEL		32 N Lat,	107.3947	5 W Lon				-		LANCO MEŚA ec., T., R., M., c	or Block and Survey	
At top pr	rod interval r	eported b	elow								ļ	or	Area Sec 18	T29N R5W Mer ŇM	
At total	depth											12. C	County or Parish IO ARRIBA	13. State NM	
14. Date Spudded 04/24/1958				ate T.D. /21/195	Reached 8		16. Date Completed □ D & A Ready to Pro 06/04/2004					17. Elevations (DF, KB, RT, GL)* 6500 GL			
18. Total Do	18. Total Depth: MD TVD			5850 19. PI			MD	MD 5838 TVD		3 20. Der		pth Bridge Plug Set: MD 3625 TVD		MD 3625 TVD	
21. Type El	ectric & Oth	er Mecha	nical Logs R	un (Subi	nit copy o	f each)			22		ell cored	?	No DY	es (Submit analysis) es (Submit analysis)	
						_			Was DST run? Directional Su				No DY	es (Submit analysis)	
23. Casing an	nd Liner Reco	ord (Repo	rt all strings				oo Comon	4 a.u.l 1	No of C	1 0-	Cl V	/ol			
Hole Size	Hole Size Size/Grade		Wt. (#/ft.) Top (MD)			1 -		3		of Sks. & Slurry of Cement (BE			Cement Top*	Amount Pulled	
14.750			33.0		13	195			200					3	
9.875			26.0		13	3680				200			200 359		
6.750	0.700 0.500 0-55		15.0	3	590	5850				200			309		
				_			"								
27 7:1:	Bassed														
24. Tubing Size	Depth Set (N	ID) P	acker Depth	(MD) T	Size	Depth Se	et (MD)	Packe	r Depth	(MD)	Size	De	pth Set (MD)	Packer Depth (MD)	
2.375		3307		(112)			(1.12)			(2)			pu. 500 (1.12)	ruska zapan (m.z.)	
25. Producir						26. Pe	foration R								
	rmation CUITLAND C	·001	Тор	3193	Bottom 34	12	Perforat		val 93 TO :	3412	Size 0.34		lo. Holes 31 OP	Perf. Status	
B)	OTEAND	OAL		3193	- 34	121		31	93 10	3412	0.34	-	31105	<u> </u>	
C)									****			+			
D)															
27. Acid, Fr	Depth Interva		nent Squeez	e, Etc.		<u></u>		Amour	nt and T	ype of M	aterial				
=	:		112 FRAC'D	W/20# [DELTA FR	AC 140 W/\	VC SW;23			· ·		BBLS	S. FLUID.		
		****	****		***										
															
28 Producti	ion - Interval	A													
28. Flouucti	Test	Hours Tested	Test Production	Oil BBL	Gas MCF	Wate BBL		l Gravity orr. API		Gas	F	roducti	on Method		
Date First		1 CSICG	Froduction	0.0		.5	1.7	M. AFI		Gravity	1		FLOWS F	ROM WELL	
Date First	Date 06/03/2004	1		1 0.0				s:Oil		Well Sta	tus				
Pate First Produced 06/04/2004 Choke	Date 06/03/2004 Tbg. Press.	Csg.	24 Hr. Rate	Oil	Gas MCF	Wate BBL		tio							
Pate First roduced 06/04/2004 Thoke ize 1/2	Date 06/03/2004 Tbg. Press. Flwg. S1 2	Csg. Press. 140.0	24 Hr. Rate		MCF	Wate BBL		utio			SI				
Date First Produced 06/04/2004 Choke Size 1/2 28a. Produc	Date 06/03/2004 Tbg. Press. Flwg. S1 2 tion - Interva	Csg Press 140.0	Rate	Oil BBL 0	MCF 1:	BBL	40 R								
Date First Produced 06/04/2004 Choke Size 1/2 28a. Produc Date First	Date 06/03/2004 Tbg. Press. Flwg. S1 2	Csg. Press. 140.0		Oil BBL	MCF	BBL	40 R	l Gravity		Gas Gravity		Producti	on Method		
Date First Produced 06/04/2004 Choke Size 1/2 28a. Produc Date First Produced	Date 06/03/2004 Tbg Press. Flwg. SI 2 tion - Interva Test Date	Csg. Press. 140.0 B Hours Tested	Test Production	Oil BBL Oil BBL	MCF 13 Gas MCF	BBL Wate BBL	40 R	l Gravity orr. API		Gas Gravity	F	Producti		D FOR RECORD	
Date First Produced 06/04/2004 Choke size 1/2 28a. Produc Date First Produced Choke	Date 06/03/2004 Tbg. Press. Flwg. S1 2 tion - Interva	Csg. Press. 140.0	Rate	Oil BBL 0	MCF 1:	BBL Wate	40 R. O. C.	l Gravity		Gas	F	Producti	ACCEPTE	D FOR RECORD	

286. Prodi	uction - Interv	al C										
Date First Produced	Test Date				Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gra		Production Method		_
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Wel	II Status			
28c. Produ	uction - 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 Gra	vity	Production Method		***************************************
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Wei	ll Status	•		
29. Dispos	sition of Gas(S	Sold, used f	or fuel, veni	ed, etc.)		 		L	_			
30. Summ	nary of Porous	Zones (Inc	lude Aquife	rs):					31. For	mation (Log) M	larkers	
tests, i	all important including dept	zones of po th interval t	rosity and coested, cushion	ontents ther on used, tin	eof: Cored in tool open	intervals and , flowing an	d all drill-stem d shut-in press	sures				
7, 1, 1	Formation		Тор	Bottom		Descripti	ons, Contents,	Contents, etc.		Name		Top Meas. Depth
This vis TA	ional remarks well is for nov 'd with a brid	w only pro- ge plug se	ducing from t @ 3625'.	າ the Basir The well v	vill be dowr	nholed com	Blanco Mesa mingled afte ly summaries	r the	KIF FR PIC CL ME	ESAVERDE RTLAND UITLAND CTURED CLIF IFF HOUSE ENEFEE DINT LOOKOU		2780 3097 3442 5244 5330 5609
1. Ele 5. Su	e enclosed atta ectrical/Mecha indry Notice for by certify that	anical Logs or plugging	and cement	verification	ation is con		nalysis orrect as detern	mined from		e records (see at	_	onal Survey
				For CO	NOCOPHI	LLIPS CO	d by the BLM MPANY, sent EVE MASON	t to the Far	mington			
Name	(please print)	CHRIS G	USTARTIS	3		····	Title	e AUTHOR	IZED REF	PRESENTATIV	/E	
Signat	ture	(Electroni	ic Submiss	ion)				e 06/10/200				

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

Signature Sign	RIGREIGO RIGREIGE DATE 8/5/195 RIGREIGE DATE 8/5/195 RIGREIGE DATE 8/5/195 RIGREIGE DATE RIGREIGE RIGREIG RIGREIGE RIGREIG RI	G WITH TRUCE PAST PIPE L GET BACK TO REP WELL FO SURES SITP= UP BOP. TES' C. LAY DOWN CL, POOH LA ESSURE TES S, RIG UP BL LET SECURE CKER, UNLOA AC VALVE IN F-NIPPLE, SI SE E Fruitland C E pad w/ 25 min 300 #. 5 min 0 # Delta in F SW. 230,000 IS 5 # per gal VE TO NEW L CHECK PRES CER, POOH L 1/2" OUT. SPO TO 3323'. WE	DSW-18-G Ide (DMS) Dos This Rot CKING ON ROAL INE CONST. RE O LOCATION. M OR RIGLESSFRA 180 PSI, SICP=1 T BOP AS PER O I REST OF TBG. WING DOWN 2: ST TO 500 PSI. H UE JET, PERFEI WELL. ADER, 2.25 F-NIF ITO 4 1/2", FLAN ESSURE TEST 4 ECURE WELL, R COAI. Tested line Polymer @ 36 E 1249 #. 10 min Pad w/ 4000 # o 0 16/30 Brady s . ISIP 1980 #. I .OCATION, SPO- SSURES, SICP=0 AYING DOWN 4 OT IN TRAILOR V	TURN FOR REST IOVED RIG TO N IC ON FRUITLAN 180 PSI. BLOW V COPC REQUIRMI MAKE UP TBG 3/8" TBG SECUR IELD. RIG UP BLI RATE WELL FRO PPLE & XO ON FI IGE UP TO TOP 1 1/2" TO 4800 PS IG DOWN B&R. F es to 5746 #. Se 3PM @ 3037 #. In 1136 #. 15 min if 40 / 70 Arizona and & 3133 bbis Frac gradient .83 T IN EQUIPMENT O, SITP=120 PSI.B 1/2". SI SECURE WITH 2 3/8" TBG.	N Longitude (DM Longitude (DM LONGITUDE (LINI FOF EQUIPME EW LOCATION D. VELL DOWN, I ENTS. PULL D SET 5 1/2"BRI RE WELL FOR UE JET, LOG V OF BOP.TES' SI, HELD. BLEE RIG DOWN EQ LOTED OF BOP.TES' SI, HELD. BLEE RIG DOWN EQ LOTED OF BOP.TES' SI, HELD. BLEE RIG DOWN EQ LOTED OF BOP.TES' SI, HELD. BLEE RIG DOWN EQ LOTED OF BOP.TES' SI, HELD. BLEE RIG DOWN EQ LOTED OF BOP.TES' LOTED OF BOP.T	E WORK GONIII ENT, ROAD WAN, SPOT IN EQI INSTALL BP VAONUT, REMOVIDG PLUG, RUI NIGHT. WELL, RIG DOVIDG PRESSI UIPMENT & RK 333 #. Brok do M @ 2704 #. S IMPEDION GA # sand per gal. Ite 40 BPM. A BURTON DOWN TO WO ESSURE,NIPPL IIGHT. PICK UP RUN	AS DUG UP, UIPMENT,RIG ALVE IN TE BPV, POOH N IN HOLE, WN BLUE JET ELECT FIRE Y & RUN 4 TO 500 PSI, URE, RUN IN G. OWN DOWN FIRE TO BPM AIS of 10% Frac the vg pressure DRK ON RIG. E DOWN IN HOLE, TAG
Spud Date	RIG Release Date 8/5/195 SAFTY MEETING ALL EQUIPMENT I LE DETOUR TO COSED WORK, PR G, CHECK PRESS HEAD, NIPPLE U BACK IN DERIK. OLE WITH 2% KC JUING HOLE, PRE N PERFERATORS DOWN BLUE JE G, MAKE UP PACH AT 3137', TIE FRA E, SET PLUG IN F. RIVE PLUG IN F. RIVE PLUG IN F. RIVE PLUG IN F. SB. Pumped pre 1589 #. ISIP 13 5 #. pumped pre 1589 #. ISIP 13 5 #. pumped pre 25 #. pumped pre 26 #. pumped pre 27 #. SET PLUG IN F. RIVE PLUG IN F. SB. SB. Pumped pre 28 #. JSIP 13 5 #. pumped pre 29 #. ISIP 13 5 #. pumped pre 20 #. AURICA IN TOR SECURE WELL. AILOR WITH 4 1/2 SECURE WELL.	G WITH TRUCE PAST PIPE L GET BACK TO REP WELL FO SURES SITP= UP BOP. TES' C. LAY DOWN CL, POOH LA ESSURE TES S, RIG UP BL JET SECURE CKER, UNLOA AC VALVE IN F-NIPPLE, PI JIPPLE, SI SE GE Fruitland O B pad w/ 25 # 300 #. 5 min D # Delta in F SW. 230,000 IN 5 # per gal VE TO NEW L CHECK PRES CER, POOH L JZ" OUT. SPO TO 3323'. WE	Oos This Rot CKING ON ROAL INE CONST. RE O LOCATION. M OR RIGLESSFRA 180 PSI, SICP=1 T BOP AS PER O I REST OF TBG. WING DOWN 2: T TO 500 PSI. H UE JET, PERFEI WELL. ADER, 2.25 F-NIF ITO 4 1/2", FLAN ESSURE TEST 4 ECURE WELL, R Coal. Tested line Polymer @ 36 E 1 1249 #. 10 min Pad w/ 4000 # o 0 16/30 Brady s . ISIP 1980 #. I .OCATION, SPO- SSURES, SICP=0 AYING DOWN 4 OT IN TRAILOR V	D CONDITONS V TURN FOR REST OVED RIG TO N C ON FRUITLAN 180 PSI. BLOW V COPC REQUIRMI . MAKE UP TBG 3/8" TBG SECUR IELD. RIG UP BLU RATE WELL FRO PPLE & X0 ON FI IGE UP TO TOP I 1/2" TO 4800 PS IG DOWN B&R. Fe es to 5746 #. Se BPM @ 3037 #. In 1136 #. 15 min If 40 / 70 Arizona I and & 3133 bbls Frac gradient .83 T IN EQUIPMENT O, SITP=120 PSI.B 1/2". SI SECURE WITH 2 3/8" TBG.	Longitude (DW WITH PIPE LINI F OF EQUIPME EW LOCATION D. VELL DOWN, I ENTS. PULL D SET 5 1/2"BRI RE WELL FOR UE JET, LOG V OF BOP.TES: SI, HELD. BLEE RIG DOWN EQ et pop off @ 4 SDRT 30 BPM 1108 #. PL 12 sand @ .25 is 13 RD HALLIE F & RIG. SHUT REED OFF PR E WELL FOR N TALLY TBG, I	E WORK GONII ENT, ROAD WA N, SPOT IN EQI INSTALL BP VA ONUT, REMOV IDG PLUG, RUI NIGHT. WELL, RIG DOV 112' WITH 3 SE 11/2"PIPE, TALL' T BACK SIDE T ED OFF PRESSI UIPMENT & RK 333 #. Brok do M @ 2704 #. S IMPMENT & RK 333 #. Brok do M @ 2704 #. S IMPMENT & RK 333 #. Brok do M @ 2704 #. S IMPMENT & RK 333 #. Brok do M @ 2704 #. S IMPMENT & RK 3UPMENT & RK	NG ON. S DUG UP, UIPMENT,RIG ALVE IN TE BPV, POOH N IN HOLE, WN BLUE JET ELECT FIRE Y & RUN 4 TO 500 PSI, URE, RUN IN G. OWN DORT 20 BPM als of 10% Frac the vg pressure ORK ON RIG. E DOWN IN HOLE, TAG
Start Date S/12/2004 07:00 SAFTY MEETING, START RIG, LOAD UP EQUIPMENT, BOB TO TRUCKS HAD TO TAKE 14 MII UP RIG & EQUIPMENT PROPE DOWN WELL TALLY 3600' OF TBG STAND SET PLUG AT 3625', LOAD HOW SI SECURE WELL. S/11/2004 07:00 SAFTY MEETING, FINISH LOAD SI SECURE WELL. S/11/2004 07:00 SAFTY MEETING, WEIGHT ON SUBS , TOTAL SHOTS 31. RIG 1/2" IN HOLE. SET PACKER A HELD. RIG UP B&R WIRE LINE HOLE WITH SLICK LINE , RETI HOLE WITH SLICK LINE , RETI HOLE WITH SLICK LINE , RETI S/21/2004 00:00 Held safety meeting. Ru Hall formation @ 13 BPM @ 2018 @ 2132 #. SDRT 10 BPM @ formic acid @ 5 BPM @ 1576 Fruitland Coal w/ 20 # Delta fruitland Coa	AL EQUIPMENT I LE DETOUR TO COSED WORK, PR G, CHECK PRESS HEAD, NIPPLE U BACK IN DERIK. DLE WITH 2% KC DING HOLE, PRE N PERFERATORS G DOWN BLUE JE S, MAKE UP PACK AT 3137', TIE FRA E, SET PLUG IN F. Niburton. Frac the B #. ISIP 13 B #. ISIP 13 B #. ISIP 13 B #. SIP 13 B	G WITH TRUCE PAST PIPE L GET BACK TO REP WELL FO SURES SITP= UP BOP. TES C. LAY DOWN CL, POOH LA ESSURE TES S, RIG UP BL RET SECURE RET, UNLOA AC VALVE IN E-NIPPLE, SI SE E Fruitland C E pad w/ 25 # I 300 #. 5 m I 300 #. 5 m I 300 #. 5 m I 5 # per gal VE TO NEW L CHECK PRES GER, POOH L IZ" OUT. SPO TO 3323'. WE	CKING ON ROAL INE CONST. RE O LOCATION. MOR RIGLESSFRA E180 PSI, SICP=1 T BOP AS PER CI I REST OF TBG. YING DOWN 2: T TO 500 PSI. H UE JET, PERFEI WELL. IDER, 2.25 F-NIF ITO 4 1/2", FLAN ESSURE TEST 4 ECURE WELL, RI COAL. Tested line Pad w/ 4000 # o 10 16/30 Brady s ISIP 1980 #. I IOCATION, SPO- SSURES, SICP=0 AYING DOWN 4 OT IN TRAILOR V	TURN FOR REST IOVED RIG TO N IC ON FRUITLAN 180 PSI. BLOW V COPC REQUIRMI MAKE UP TBG 3/8" TBG SECUR IELD. RIG UP BLI RATE WELL FRO PPLE & XO ON FI IGE UP TO TOP 1 1/2" TO 4800 PS IG DOWN B&R. F es to 5746 #. Se 3PM @ 3037 #. In 1136 #. 15 min if 40 / 70 Arizona and & 3133 bbis Frac gradient .83 T IN EQUIPMENT O, SITP=120 PSI.B 1/2". SI SECURE WITH 2 3/8" TBG.	TOF EQUIPME EW LOCATION D. VELL DOWN, I ENTS. PULL D SET 5 1/2"BRI RE WELL FOR UE JET, LOG V OF BOP.TES' SI, HELD. BLEE RIG DOWN EQ ET pop off @ 4 SORT 30 BPM TO 1108 #. PM TO 1108 #.	ENT, ROAD WAN, SPOT IN EQUINSTALL BP VAONUT, REMOVING PLUG, RUINIGHT. WELL, RIG DOVER TO STANDARD TO STANDARD TO STANDARD SANDARD SAND	AS DUG UP, UIPMENT,RIG ALVE IN TE BPV, POOH N IN HOLE, WN BLUE JET ELECT FIRE Y & RUN 4 TO 500 PSI, URE, RUN IN G. OWN DOWN FIRE TO BPM AIS of 10% Frac the vg pressure DRK ON RIG. E DOWN IN HOLE, TAG
5/12/2004 07:00 SAFTY MEETING, START RIG, LOAD UP EQUIPMENT, BOB TO TRUCKS HAD TO TAKE 14 MII UP RIG & EQUIPMENT PROPE BOOK WELL TALLY 3600' OF TBG STAND SET PLUG AT 3625', LOAD HIG START RIG DONUT. NIPPLE DOWN WELL TALLY 3600' OF TBG STAND SET PLUG AT 3625', LOAD HIG SET PACKER AND HIG SET PA	AIL EQUIPMENT I LE DETOUR TO C OSED WORK, PR G, CHECK PRESS HEAD, NIPPLE U BACK IN DERIK. OLE WITH 2% KC DING HOLE, PRE N PERFERATORS OOWN BLUE JE G, MAKE UP PACK AT 3137', TIE FR E, SET PLUG IN F. RIVE PLUG IN F. BIBUTON. Frac the S #. SUPPMENT. C S #. Pumped 20 frac 140 w/ WC S #. Max sand cons QUIPMENT, MOV S EQUIPMENT. C G. UNSET PACK AILOR WITH 4 1/2 IT, CLEAN OUT SECURE WELL.	PAST PIPE L GET BACK TO REP WELL FO SURES SITP= UP BOP. TES C. LAY DOWN CL, POOH LA ESSURE TES XER, UNLOA AC VALVE IN E-NIPPLE, SI SE E Fruitland C E pad w/ 25 min 0 # Delta in F SW. 230,000 IS 5 # per gal VE TO NEW L CHECK PRES CER, POOH L IZ" OUT. SPO TO 3323', WE	CKING ON ROAL INE CONST. RE O LOCATION. MOR RIGLESSFRA E180 PSI, SICP=1 T BOP AS PER CI I REST OF TBG. YING DOWN 2: T TO 500 PSI. H UE JET, PERFEI WELL. IDER, 2.25 F-NIF ITO 4 1/2", FLAN ESSURE TEST 4 ECURE WELL, RI COAL. Tested line Pad w/ 4000 # o 10 16/30 Brady s ISIP 1980 #. I IOCATION, SPO- SSURES, SICP=0 AYING DOWN 4 OT IN TRAILOR V	TURN FOR REST IOVED RIG TO N IC ON FRUITLAN 180 PSI. BLOW V COPC REQUIRMI MAKE UP TBG 3/8" TBG SECUR IELD. RIG UP BLI RATE WELL FRO PPLE & XO ON FI IGE UP TO TOP 1 1/2" TO 4800 PS IG DOWN B&R. F es to 5746 #. Se 3PM @ 3037 #. In 1136 #. 15 min if 40 / 70 Arizona and & 3133 bbis Frac gradient .83 T IN EQUIPMENT O, SITP=120 PSI.B 1/2". SI SECURE WITH 2 3/8" TBG.	TOF EQUIPME EW LOCATION D. VELL DOWN, I ENTS. PULL D SET 5 1/2"BRI RE WELL FOR UE JET, LOG V OF BOP.TES' SI, HELD. BLEE RIG DOWN EQ ET pop off @ 4 SORT 30 BPM TO 1108 #. PM TO 1108 #.	ENT, ROAD WAN, SPOT IN EQUINSTALL BP VAONUT, REMOVING PLUG, RUINIGHT. WELL, RIG DOVER TO STANDARD TO STANDARD TO STANDARD SANDARD SAND	AS DUG UP, UIPMENT,RIG ALVE IN TE BPV, POOH N IN HOLE, WN BLUE JET ELECT FIRE Y & RUN 4 TO 500 PSI, URE, RUN IN G. OWN DOWN FIRE TO BPM AIS of 10% Frac the vg pressure DRK ON RIG. E DOWN IN HOLE, TAG
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DONUT. NIPPLE DOWN WELL TALLY 3600' OF TBG STAND SET PLUG AT 3625', LOAD HO SI SECURE WELL. 5/14/2004 07:00 SAFTY MEETING, FINISH LOA SI SECURE WELL. 5/18/2004 07:00 SAFTY MEETING, WEIGHT ON SUBS , TOTAL SHOTS 31. RIC 1/2" IN HOLE. SET PACKER A HELD. RIG UP B&R WIRE LINE HOLE WITH SLICK LINE , RETI HOLE WITH SLICK LINE , RETI Graviation @ 13 BPM @ 2018 @ 2132 #. SDRT 10 BPM @ formic acid @ 5 BPM @ 1576 Fruitland Coal w/ 20 # Delta f 3221 #. Max pressure 3660 # SAFTY MEETING, LOAD UP E 5/25/2004 00:00 SAFTY MEETING, RIG UP RIG FRAC HEAD & BO2 COUPLIN 5/27/2004 00:00 SAFTY MEETING, RIG UP RIG FRAC HEAD & BO2 COUPLIN SAFTY MEETING, CHECK PR WITH AIR MIST. PULL UP LET 200 BBIS WATER TOTAL FOR 6/1/2004 00:00 SAFTY MEETING, CHECK PR WITH AIR MIST. PULL UP LET 245 BBLS WATER TOTAL FOR 6/1/2004 00:00 SAFTY MEETING, CHECK PR WITH AIR MIST. PULL UP LET 245 BBLS WATER TOTAL FOR 6/1/2004 00:00 SAFTY MEETING, CHECK PR WITH AIR MIST. PULL UP LET 245 BBLS WATER TOTAL FOR 6/1/2004 00:00 SAFTY MEETING, CHECK PR WITH AIR MIST. PULL UP LET 245 BBLS WATER TOTAL FOR 6/1/2004 00:00 SAFTY MEETING, CHECK PR WITH AIR MIST. PULL UP LET 245 BBLS WATER TOTAL FOR 6/1/2004 00:00 SAFTY MEETING, CHECK PR WITH AIR MIST. PULL UP LET 245 BBLS WATER TOTAL FOR 6/1/2004 00:00 SAFTY MEETING, CHECK PR WITH AIR MIST. PULL UP LET 245 BBLS WATER TOTAL FOR 6/1/2004 00:00 SAFTY MEETING, CHECK PR WITH AIR MIST. PULL UP LET 245 BBLS WATER TOTAL FOR 6/1/2004 00:00 SAFTY MEETING, CHECK PR WITH AIR MIST. PULL UP LET 245 BBLS WATER TOTAL FOR 6/1/2004 00:00 SAFTY MEETING, CHECK PRE WELL. WELL STABILIZED AT	HEAD, NIPPLE U BACK IN DERIK. OLE WITH 2% KC DING HOLE, PRE N PERFERATORS DOWN BLUE JE MAKE UP PACH AT 3137', TIE FRA E, SET PLUG IN F. NIBURTON. Frac the SH. pumped pre 1589 #. ISIP 13 SH. Pumped 20 Frac 140 w/ WC S MAX SAND CONS QUIPMENT, MOS QUIPMENT, MOS G. UNSET PACK ALLOR WITH 4 1/2 NIT, CLEAN OUT SECURE WELL.	UP BOP. TES' C. LAY DOWN CL, POOH LA ESSURE TES S, RIG UP BL IET SECURE IXER, UNLOA AC VALVE IN F-NIPPLE, SI SE E Fruitland C E pad w/ 25 # I300 #. 5 min J # Delta in F SW. 230,000 INS 5 # per gal IXE TO NEW L CHECK PRES IXER, POOH L IZ" OUT. SPO TO 3323'. WI	T BOP AS PER OF TBG. I REST OF TBG. I REST OF TBG. IVING DOWN 2: INT TO 500 PSI. H UE JET, PERFER WELL. IDER, 2.25 F-NIF ITO 4 1/2", FLAN ESSURE TEST 4 ECURE WELL, RI COAL. Tested line Polymer @ 36 E I 1249 #. 10 min Pad w/ 4000 # or I 16/30 Brady s I SIP 1980 #. II IOCATION, SPO- SSURES, SICP=0 AYING DOWN 4 IT IN TRAILOR V	COPC REQUIRMI MAKE UP TBG 3/8" TBG SECUF IELD. RIG UP BLI RATE WELL FRO PPLE & X0 ON FI NGE UP TO TOP 1/2" TO 4800 PS IG DOWN B&R. Fe es to 5746 #. Se 3PM @ 3037 #. 1136 #. 15 min 140 / 70 Arizona 1416 #. 3133 bbls 1/2" TO 4800 PS 1 IN EQUIPMENT 1 O, SITP=120 PSIB 1/2". SI SECURE WITH 2 3/8" TBG.	ENTS. PULL D SET 5 1/2 BRI RE WELL FOR WE JET, LOG V DM 3193' TO 34 RST JT OF 4 OF BOP.TES' SI, HELD. BLEE RIG DOWN EQ et pop off @ 4 SDRT 30 BPM 11108 #. Pu a sand @ .25 i s fluid. Avg ra B. RD HALLIE F & RIG. SHUT BLEED OFF PR E WELL FOR N TALLY TBG, I	ONUT, REMOVIDG PLUG, RUINGHT. WELL, RIG DOVIDG PLUG, RUINGHT. WELL, RIG DOVIDG PRESSION OF PRESSION	TE BPV, POOH N IN HOLE, WN BLUE JET ELECT FIRE Y & RUN 4 TO 500 PSI, URE, RUN IN G. OWN BDRT 20 BPM Als of 10% Frac the vg pressure DRK ON RIG. LE DOWN IN HOLE, TAG
SI SECURE WELL.	N PERFERATORS DOWN BLUE JE N MAKE UP PACH T 3137', TIE FRA E, SET PLUG IN F. N DIBUTON. Frac the S#. pumped pre 1589 #. ISIP 13 S#. Pumped 20 Frac 140 w/ WC S E Max sand cons QUIPMENT, MOV E EQUIPMENT. O G. UNSET PACKE WILOR WITH 4 1/2 NIT, CLEAN OUT SECURE WELL.	S, RIG UP BLIET SECURE CKER, UNLOA AC VALVE IN F-NIPPLE, SI SE E Fruitland Ce pad w/ 25 # I 300 #. 5 min O # Delta in F SW. 230,000 IS 5 # per gal VE TO NEW L CHECK PRES CER, POOH L IZ" OUT. SPO TO 3323'. WE	UE JET, PERFER WELL. NDER, 2.25 F-NIF ITO 4 1/2", FLAN ESSURE TEST 4 ECURE WELL, RI Coal. Tested line Polymer @ 36 E 1 1249 #. 10 min Pad w/ 4000 # o 0 16/30 Brady s . ISIP 1980 #. I .OCATION, SPO- SSURES, SICP=0 AYING DOWN 4 DT IN TRAILOR V	RATE WELL FRO PPLE & X0 ON FI NGE UP TO TOP NOTE: TO 4800 PS NOTE: TO 4800	DM 3193' TO 34' OF BOP.TES' SI, HELD. BLEERIG DOWN EQUEL POP off @ 4' SDRT 30 BPM 11108 #. Puta sand @ .25 is fluid. Avg ra B. RD HALLIEF & RIG. SHUT BLEED OFF PREWELL FOR NOTALLY TBG, I	#12' WITH 3 SE #1/2"PIPE, TALL' # BACK SIDE T # D OFF PRESSI # D OFF PRESSI # Brok do # @ 2704 #. S # sand per gal. # 40 BPM. A # SURTON # DOWN TO WO # ESSURE,NIPPL # IIGHT. # PICK UP RUN	Y & RUN 4 TO 500 PSI, URE, RUN IN G. OWN BDRT 20 BPM als of 10% Frac the vg pressure DRK ON RIG. LE DOWN
SUBS , TOTAL SHOTS 31. RIG 5/18/2004 07:00 SAFTY MEETING, START RIG 1/2" IN HOLE. SET PACKER A HELD. RIG UP B&R WIRE LINE HOLE WITH SLICK LINE , RETI 5/21/2004 00:00 Held safety meeting. Ru Hall formation @ 13 BPM @ 2018 @ 2132 #. SDRT 10 BPM @ formic acid @ 5 BPM @ 1576 Fruitland Coal w/ 20 # Delta f 3221 #. Max pressure 3660 # 5/25/2004 00:00 SAFTY MEETING, LOAD UP E 5/26/2004 00:00 SAFTY MEETING, RIG UP RIG FRAC HEAD & BO2 COUPLIN 5/27/2004 00:00 SAFTY MEETING, MOVE TRA FILL AT 3290', RIG UP AIR UN PULL TBG ABOVE PERFS, SI 5/28/2004 00:00 SAFTY MEETING, CHECK PR WITH AIR MIST. PULL UP LET 200 BBIS WATER TOTAL FOF 6/1/2004 00:00 SAFTY MEETING, CHECK PR WITH AIR MIST. PULL UP LET 245 BBLS WATER TOTAL FOF 6/2/2004 00:00 SAFTY MEETING, CHECK PR UNLOAD 35 BBLS WATER. F PRESSURE 2 PSI=132 MCF, C 6/3/2004 00:00 SAFTY MEETING, CHECK PRE WELL. WELL STABILIZED AT	G DOWN BLUE JE S, MAKE UP PACK AT 3137', TIE FRA E, SET PLUG IN F- Biburton. Frac the B #. pumped pre 1589 #. ISIP 13 B #. Pumped 20 Frac 140 w/ WC S E Max sand cons QUIPMENT, MOV E EQUIPMENT. O G. UNSET PACKE AILOR WITH 4 1/2 BIT, CLEAN OUT SECURE WELL.	JET SECURE CKER, UNLOA AC VALVE IN F-NIPPLE, SI SE E Fruitland C E pad w/ 25 # I 300 #. 5 min O # Delta in F SW. 230,000 Ins 5 # per gal VE TO NEW L CHECK PRES CER, POOH L 1/2" OUT. SPO TO 3323'. WE	WELL. ADER, 2.25 F-NIF ATO 4 1/2", FLAN ESSURE TEST 4 ECURE WELL, RI Coal. Tested line Polymer @ 36 E 1 1249 #. 10 min Pad w/ 4000 # o 0 16/30 Brady s . ISIP 1980 #. I .OCATION, SPO- SSURES, SICP=0 AYING DOWN 4 OT IN TRAILOR V	PPLE & X0 ON FINGE UP TO TOP IN 1/2" TO 4800 PS IG DOWN B&R. Fes to 5746 #. Ses The Ses To Arizona and & 3133 bbls Frac gradient .83 TIN EQUIPMENT O, SITP=120 PSI.B. 1/2". SI SECURE WITH 2 3/8" TBG.	RST JT OF 4 OF BOP.TES II, HELD. BLEE RIG DOWN EQ et pop off @ 4 SDRT 30 BPM 11108 #. Pu a sand @ .25 i II fluid. Avg ra B. RD HALLIE I & RIG. SHUT BLEED OFF PR E WELL FOR N	1/2"PIPE, TALL' T BACK SIDE T D OFF PRESSI UIPMENT & RK 333 #. Brok do M @ 2704 #. S Imped 1000 ga # sand per gal. te 40 BPM. A BURTON DOWN TO WO ESSURE,NIPPL IIGHT. PICK UP RUN	Y & RUN 4 TO 500 PSI, URE, RUN IN G. OWN BDRT 20 BPM als of 10% Frac the vg pressure DRK ON RIG. LE DOWN
1/2" IN HOLE. SET PACKER A HELD. RIG UP B&R WIRE LINE HOLE WITH SLICK LINE, RETI 5/21/2004 00:00 Held safety meeting. Ru Hall formation @ 13 BPM @ 2018 @ 2132 #. SDRT 10 BPM @ formic acid @ 5 BPM @ 1576 Fruitland Coal w/ 20 # Delta f 3221 #. Max pressure 3660 # 5/25/2004 00:00 SAFTY MEETING, LOAD UP E 5/26/2004 00:00 SAFTY MEETING, RIG UP RIG FRAC HEAD & BO2 COUPLIN 5/27/2004 00:00 SAFTY MEETING, WOVE TRA FILL AT 3290', RIG UP AIR UN PULL TBG ABOVE PERFS, SI 5/28/2004 00:00 SAFTY MEETING, CHECK PR WITH AIR MIST. PULL UP LET 200 BBIS WATER TOTAL FO 6/1/2004 00:00 SAFTY MEETING, CHECK PR WITH AIR MIST. PULL UP LET 245 BBLS WATER TOTAL FO 6/2/2004 00:00 SAFTY MEETING, CHECK PR UNLOAD 35 BBLS WATER. F PRESSURE 2 PSI=132 MCF, C 6/3/2004 00:00 SAFTY MEETING, CHECK PRE WELL. WELL STABILIZED AT	AT 3137', TIE FRA E, SET PLUG IN F- RIVE PLUG IN F- iiburton. Frac the B #. pumped pre 1589 #. ISIP 13 B #. Pumped 20 frac 140 w/ WC S #. Max sand cons QUIPMENT, MOV B EQUIPMENT. CIG. UNSET PACKI AILOR WITH 4 1/2 IIT, CLEAN OUT SECURE WELL.	AC VALVE IN F-NIPPLE, SI SE E Fruitland Ce pad w/ 25 # I 300 #. 5 min 0 # Delta in F SW. 230,000 is 5 # per gal VE TO NEW L CHECK PRES (ER, POOH L. /2" OUT. SPOTO 3323'. WE	ITO 4 1/2", FLAN ESSURE TEST 4 ECURE WELL, RI Coal. Tested line Polymer @ 36 E 1 1249 #. 10 min Pad w/ 4000 # o 0 16/30 Brady s . ISIP 1980 #. I .OCATION, SPO SSURES ,SICP=0 AYING DOWN 4 DT IN TRAILOR V	IGE UP TO TOP I 1/2" TO 4800 PS IG DOWN B&R. Fes to 5746 #. Ses IMAGE TO ARIZE IN 1136 #. 15 min IN 40 / 70 Arizona IN EQUIPMENT IN EQUIPMENT IN SITP=120 PSI.B IN 1/2". SI SECURE INTH 2 3/8" TBG.	OF BOP.TES II, HELD. BLEE RIG DOWN EQ II pop off @ 4 SDRT 30 BPM I 1108 #. Pu II sand @ .25 i II fluid. Avg ra II. RIG. SHUT II. EED OFF PR II. WELL FOR N TALLY TBG, II	T BACK SIDE T D OFF PRESSI UIPMENT & RK 333 #. Brok do M @ 2704 #. S Imped 1000 ga # sand per gal. te 40 BPM. A BURTON DOWN TO WO ESSURE,NIPPL IIGHT. PICK UP RUN	TO 500 PSI, URE, RUN IN G. OWN BDRT 20 BPM Ils of 10% Frac the vg pressure DRK ON RIG. LE DOWN IN HOLE, TAG
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5/25/2004 00:00 SAFTY MEETING, LOAD UP E 5/26/2004 00:00 SAFTY MEETING, RIG UP RIG FRAC HEAD & BO2 COUPLIN 5/27/2004 00:00 SAFTY MEETING, MOVE TRA FILL AT 3290', RIG UP AIR UN PULL TBG ABOVE PERFS, SI 5/28/2004 00:00 SAFTY MEETING, CHECK PR WITH AIR MIST. PULL UP LET 200 BBIS WATER TOTAL FOR WITH AIR MIST. PULL UP LET 245 BBLS WATER TOTAL FOR WITH AIR MIST. PULL UP LET 245 BBLS WATER TOTAL FOR SAFTY MEETING, CHECK PR UNLOAD 35 BBLS WATER. F PRESSURE 2 PSI=132 MCF, C 6/3/2004 00:00 SAFTY MEETING, CHECK PRE WELL. WELL STABILIZED AT	QUIPMENT, MOV & EQUIPMENT. C G. UNSET PACKE AILOR WITH 4 1/2 IIT, CLEAN OUT SECURE WELL.	VE TO NEW L CHECK PRES (ER, POOH L /2" OUT. SPO TO 3323'. WE	OCATION, SPO SSURES ,SICP=0 AYING DOWN 4 T IN TRAILOR V	T IN EQUIPMENT), SITP=120 PSI.B 1/2". SI SECURE WITH 2 3/8" TBG.	C & RIG. SHUT BLEED OFF PR WELL FOR N TALLY TBG,	DOWN TO WO ESSURE,NIPPL NIGHT. PICK UP RUN	LE DOWN IN HOLE, TAG
5/26/2004 00:00 SAFTY MEETING, RIG UP RIG FRAC HEAD & BO2 COUPLIN SAFTY MEETING, MOVE TRAFILL AT 3290', RIG UP AIR UN PULL TBG ABOVE PERFS, SI SAFTY MEETING, CHECK PR WITH AIR MIST. PULL UP LET 200 BBIS WATER TOTAL FOR WITH AIR MIST. PULL UP LET 245 BBLS WATER TOTAL FOR WITH AIR MIST. PULL UP LET 245 BBLS WATER TOTAL FOR WITH AIR MIST. PULL UP LET 245 BBLS WATER TOTAL FOR WITH AIR MIST. PULL UP LET 245 BBLS WATER TOTAL FOR WITH AIR MIST. PULL UP LET 245 BBLS WATER TOTAL FOR WITH AIR MIST. PULL UP LET 245 BBLS WATER TOTAL FOR WITH AIR MIST. PULL UP LET 245 BBLS WATER TOTAL FOR WITH AIR MIST. PULL UP LET 245 BBLS WATER TOTAL FOR WITH AIR MIST. PULL UP LET 245 BBLS WATER TOTAL FOR WITH AIR MIST. PULL UP LET 245 BBLS WATER. PRESSURE 2 PSI=132 MCF, CONTROL OF SAFTY MEETING, CHECK PREWELL. WELL STABILIZED AT	& EQUIPMENT. C G. UNSET PACKI NILOR WITH 41/2 NIT, CLEAN OUT SECURE WELL.	CHECK PRES (ER, POOH L /2" OUT. SPO TO 3323'. WE	SSURES ,SICP=0 AYING DOWN 4 T IN TRAILOR V), SITP=120 PSI.B 1/2". SI SECURE NITH 2 3/8" TBG.	LEED OFF PR WELL FOR N TALLY TBG,	ESSURE,NIPPL IIGHT. PICK UP RUN I	LE DOWN IN HOLE, TAG
5/27/2004 00:00 SAFTY MEETING, MOVE TRAFILL AT 3290', RIG UP AIR UN PULL TBG ABOVE PERFS, SI SAFTY MEETING, CHECK PR WITH AIR MIST. PULL UP LET 200 BBIS WATER TOTAL FOR WITH AIR MIST. PULL UP LET 245 BBLS WATER TOTAL FOR WITH AIR MIST. PULL UP LET 245 BBLS WATER TOTAL FOR SAFTY MEETING, CHECK PR UNLOAD 35 BBLS WATER. PRESSURE 2 PSI=132 MCF, CO SAFTY MEETING, CHECK PRE WELL. WELL STABILIZED AT	AILOR WITH 4 1/2 NIT, CLEAN OUT SECURE WELL.	/2" OUT. SPO TO 3323'. WE	T IN TRAILOR V	WITH 2 3/8" TBG.	TALLY TBG,	PICK UP RUN	
5/28/2004 00:00 SAFTY MEETING, CHECK PR WITH AIR MIST. PULL UP LET 200 BBIS WATER TOTAL FOR 6/1/2004 00:00 SAFTY MEETING, CHECK PR WITH AIR MIST. PULL UP LET 245 BBLS WATER TOTAL FOR 6/2/2004 00:00 SAFTY MEETING, CHECK PR UNLOAD 35 BBLS WATER. PRESSURE 2 PSI=132 MCF, C 6/3/2004 00:00 SAFTY MEETING, CHECK PRE WELL. WELL STABILIZED AT			ELL MAKING MIL	EADUM SAND, W	VELL MAKING	APPROX 80 E	SPH WATER.
WITH AIR MIST. PULL UP LET 245 BBLS WATER TOTAL FO SAFTY MEETING, CHECK PR UNLOAD 35 BBLS WATER. F PRESSURE 2 PSI=132 MCF, C 6/3/2004 00:00 SAFTY MEETING, CHECK PRE WELL. WELL STABILIZED AT	TWELL FLOW NA	ATURAL FOR	R 2 HRS, RUN IN	HOLE, TAG 15'			
UNLOAD 35 BBLS WATER. F PRESSURE 2 PSI=132 MCF, C 6/3/2004 00:00 SAFTY MEETING, CHECK PRE WELL. WELL STABILIZED AT	TWELL FLOW NA	ATURAL FOR	R 2 HRS. RUN IN	HOLE, TAG 15'			
WELL. WELL STABILIZED AT	PULL TBG UP TO CASING PRESSU	3197', HOOK JRE STAYED	K UP FLOW LINI AT 85 PSI . SI S	E, FLOW TEST V SECURE WELL.	WELL ON 1/2"	CHOKE FLOV	WING TBG
TAG 10' NEW FILL, BLOW WE POOH SI SECURE WELL.	2 PSI ON TBG=1	132 MCF, CA	SING 140 PSI. 1	TBG WAS LANDI	ED AT 3197'. E	BLOW DOWN (CASING TIH
6/4/2004 00:00 SAFTY MEETING, CHECK PRI FILL. BLOW WELL AROUND BOP, NIPPLE UP WELL HEAD	, NO FLUID. LAY	DOWN EXT	RA PIPE.LAND 1	TBG WITH 1.81 I			