Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR

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

(rugust 1999)			BUREAU												Expires	: Nove	mber 30, 2000
	WELL (COMPL	ETION C	R RE	CO	MPLE	TION	REPO	RT	AND L	.OG				ase Serial IMNM0304		
la. Type of	Well \square	Oil Well	⊠ Gas \	Well	ΠD	ry	Othe	г						6. If	Indian, All	ottee	or Tribe Name
b. Type of	Completion			□ Wo			Deepe		Plug	Back	⊠ Di	ff. Re	svr.				
/		Othe	er													_	ment Name and No.
	COPHILLIPS					Contac	t: CHR E-Ma	S GUST il: christi	ina.q	ustartis@	@cono	cophi	llips.co	n S		29-6	Vell No. UNIT 70A
	P.O. BOX HOUSTO	N, TX 77	7252					1 11. 002	+0(/	e area c	ode)	0357	,3×	PI Well No		30-039-21263
	Sec 29	729N R	on clearly and	/P	cordan	ce with	Federal	requiren	nents)* E	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	ی ر	\$ \	В	ASIN FRU	JITLA	r Exploratory AND COAL
At top p	rod interval r		NL 850FWL							33		4.00	20	11. 5	Sec., T., R., r Area Se	M., c c 29	or Block and Survey T29N R6W Mer NMF
At total		eported o	Clow							27.23	4			12. (County or P	arish BA	13. State NM
14. Date St				ate T.D.		hed		16.	Date	Complet	ed	٤.	1 11 11 11	17. J			(B, RT, GL)*
11/23/1				/05/197						9/2004	Ready	o	٠. د			34 GI	
18. Total D	•	MD TVD	5718				ick T.D.		D √D	56	62 `	4	20 Dep		dge Plug S		MD TVD
21. Type E CNL/G		er Mecha	nical Logs R	un (Sub	mit co	py of e	ach)	_) v	Vas D	ell cored ST run?		NO NO	H Y	es (Submit analysis) es (Submit analysis)
72 C	ed Linea Dec				11)							irecti	onal Sur	vey?	No No	☐ Y	es (Submit analysis)
23. Casing a	na Liner Rec	ora (<i>Kepa</i>	ort all strings T	set in To	<u> </u>	Botte	om Isa	age Cem	ontor	No. c	of Sks. a	e. i	Slurry	Vol	1		
Hole Size	Size/G	rade	Wt. (#/ft.)	(M	D) _	(MI		Depth			of Ceme		(BB		Cement	Top*	Amount Pulled
6.250	<u> </u>	00 K-55		90			5716				,	210					
12.250		25 H-40	36.0		0		219			1		115			<u> </u>		0
8.750	7.0	000 K-55	20.0		0	•	3692			-		150	·	_			0
		-	<u> </u>													-	
24. Tubing	Record			1													
	Depth Set (M	(ID) P	acker Depth	(MD)	Siz	ze	Depth S	et (MD)	P	acker De	pth (M	D)	Size	De	epth Set (M	(D)	Packer Depth (MD)
2.375		5001					137 B	6	<u> </u>					<u> </u>			
	ng Intervals						26. Pe	rforation					0.				D C C: 1
	ormation RUITLAND (COAL	Тор	3214	. Во	3296	-	Perior	rated	Interval 3214 T	O 320	_	Size 0.3		No. Holes	OPI	Perf. Status
B)	COLLECTION	JOAL		3214		3230	<u> </u>			32141	0 329	╬	0.3	-	40		
C)		+			-							+		╅		+	· <u> </u>
D)	***											+-					······································
27. Acid, F	racture, Treat	tment, Ce	ment Squeez	e, Etc.													
	Depth Interv									mount an					···		
	32	214 TO 3	296 FRAC'D	W/94,5	56 GA	L.20# E	DELTA 1	40 FRAC	FLUI	D; 4000#	40/70 A	Z & 8	3,400# 1	6/30 B	SAND.		
			_														
	_																
28. Product	ion - Interval	Α															
Date First Produced	Test Date	Hours	Test	Oil BBL		Gas MCF	Wate		Oil G			as		Product	tion Method		·
08/29/2004	08/27/2004	Tested 24	Production	0.0	- 1	396.0	BBL	5.0	Corr.	Ari	ا	iravity			FLO\	WS FF	ROM WELL
Choke	Tbg. Press.	Csg.	24 Hr.	Oil		Gas	Wate		Gas: C	Dil	V	Vell Sta	tus				
Size 1/2	Flwg. SI	Press. 60.0	Rate	BBL	<u> </u>	MCF	BBL		Ratio		-	G	SI				
28a. Produc	ction - Interva	al B							L			-					
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL		Gas MCF	Wate BBL		Oil Gr Cort.			ias iravity		Product	ion Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL		Gas MCF	Wate BBL		Gas:C Ratio	Dil	V	Vell Sta	tus	,	ACC	EPI	TED FOR RECOR
(See Instruct	l	ces for ac	lditional date	a on rev	erse s	ide)							-/-	/			

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #35495 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Date First Test Hours Test Hours Test Production Date Date Test Date	28b. Proc	luction - Interv	al C												
Solution Top Bottom Descriptions, Contents, etc. Name Top Solution Top Bottom Descriptions, Contents, etc. Name Top Solution S	Date First	Test	Hours							*.	Production Method				
Post	Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Grav	nty					
Discrete Test Tes		Flwg.							Well	Status					
Date Date Prediction Date D	28c. Prod	luction - Interv	al D		<u> </u>	<u> </u>									
Size Five Size Five Size											Production Method				
Show all important zones (faclude Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recovering time the state of the s		e Flwg. Press. Rate BBL MCF							Well	Well Status					
30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-istem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. Formation Top Bottom Descriptions, Contents, etc. Name Top Mess. Discovering the Contents of the Contents			old, used	for fuel, ven	ted, etc.)	<u> </u>	<u> </u>		L						
Show all important zones of proxity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. Formation Top Bottom Descriptions, Contents, etc. Name Top Mess. Discoveries. Formation Top Bottom Descriptions, Contents, etc. Name Top Mess. Discoveries. 1. Cojo ALAMO 2591 1. Coj			Zones (Ir	clude Aquife	rs):	··· · •				L 31. For	mation (Log) Markers				
32. Additional remarks (include plugging procedure): Recomplete to the Basin Fruitland Coal. This well is now downhole commingled producing from the Basin Fruitland Coal and Blanco Mesaverde. Daily Summary is attached. 33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other: 34. Thereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Survey Sterified by the BLM Well Information System. For CONGCOPHILLIPS COMPANY, seem to the Farmington Committed to AFMSS for processing by STEVE MASON on 69/01/2004 () Name (please print) CHRIS GUSTARTIS Title AUTHORIZED REPRESENTATIVE	Show tests,	all important a	ones of p	orosity and c	ontents ther	eof: Cored ine tool open,	ntervals and all , flowing and sl	l drill-stem hut-in pressur	res		(0,				
Summary Notice for plugging and ement verification 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and ement verification 6. Core Analysis 7. Other: 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #35495 Verified by the BLM Well Information System. For CONOCOPHILLIPS COMPANY, sent to the Farmington Committed to AFMSS for processing by STEVE MASON on 09/81/2004 () Name (please print) CHRIS GUSTARTIS Title AUTHORIZED REPRESENTATIVE AUTHORIZED REPRESENTATIVE Survey AuthOrized Authoriz		Formation		Тор	Bottom		Descriptions	OJO ALAMO KIRTLAND FRUITLAND							
1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other: 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #35495 Verified by the BLM Well Information System. For CONOCOPHILLIPS COMPANY, sent to the Farmington Committed to AFMSS for processing by STEVE MASON on 09/01/2004 () Name (please print) CHRIS GUSTARTIS Title AUTHORIZED REPRESENTATIVE	Reco	emplete to the	Basin F	ruitland Coa	 This well 	is now do	wnhole comm Summary is a	ingled produttached.	ucing	KIF FR PIC LE' CL ME	RTLAND UITLAND CTURED CLIFFS WIS IFF HOUSE :NEFEE	2460 2591 3042 3337 3492 5073 5184 5499			
Electronic Submission #35495 Verified by the BLM Well Information System. For CONOCOPHILLIPS COMPANY, sent to the Farmington Committed to AFMSS for processing by STEVE MASON on 09/01/2004 () Name (please print) CHRIS GUSTARTIS Title AUTHORIZED REPRESENTATIVE	1. El	ectrical/Mecha	nical Log				_	•			port 4. Direc	ctional Survey			
Name (please print) CHRIS GUSTARTIS For CONOCOPHILLIPS COMPANY, sent to the Farmington Committed to AFMSS for processing by STEVE MASON on 09/01/2004 () Title AUTHORIZED REPRESENTATIVE	34. I here	by certify that	the foreg	oing and attac	hed inform	ation is com	plete and corre	ct as determin	ned from a	ll available	e records (see attached instru	uctions):			
Name (please print) CHRIS GUSTARTIS Title AUTHORIZED REPRESENTATIVE					For CO	NOCOPHII	LLIPS COMP.	ANY, sent to	o the Farn	nington					
Signature (Electronic Submission) Date 09/01/2004	Name	e(please print)	CHRIS (-				
	Signa	iture	(Electro	nic Submiss	ion)			Date (09/01/200	4					
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		1000	1001		0.0	1212									

County RIO A	organiya k				1987								etion
				THE RESIDENCE OF THE PARTY OF T		ımmar	Y awa ayan					EW	
1,40.7	RRIBA	State/Provin	EXICO	NMPI	Legal L M-29N	ocation 1-06W-29-E		N/S Dist. (1490	.2	N	E/W Dist. (ft) 850.1	EW	W.
)	Spud Date 11/23/	1976	Rig Relea	se Date /12/1976	La	titude (DMS)			Longitud	de (DMS)			
	n şağı etgalisi en Siği se aleminin is	enudare con program		name remarkacia mentendi	ancres.		e and the first Property of Pro-	estres en outroperes		is celetat (Parasonia	1.653.853.84333377	(OCONTAIN)	erentzi Michelliko
DISM SICE	~ 170# ODI	EDATOR	ГОДО	BI OW DOV	VN EC			CATION EC	RIEI'S	SPOTI	INIT AND F		/ENT
RU UNIT AN AND 3000# BBL KCL. U	ND EQUIPM HIGH. TES INSEAT HA	IENT. DIG T WAS GO	PIT. KÍL OOD. RI	L TBG W/5 U FLOOR A	BBL ND T	KCL, INSTAL BG. TOOLS.F	2 WAY CH POOH W/2	HECK. ND \ 2 WAY CHE	VH, NU B ECK. BLE	OPE. T	EST BOPE G. DOWN. I	, 200# KILL W	LOW // 20
PJSM. SICP=160#. BWD. CONTINUE TO TOOH W/ 78 JTS 2 3/8" TBG PJSM W/ COMPUTALOG. MU AND RIH W/ 4" JUNKBASKET (GUAGE RING). TO CHECK LINER TOP. POOH. PU 4.5" HALIBURTON CBP AND RIH AND SET @ 3550'. POOH. RU DUMP BAILER AND RIH AND DUMP 20' SAND ON CBP. POOH. LOAD HOLE W/ 142 BBL 2 % KCL. PU AND RIH W/ CNL/GR/CCL LOGGING TOOL AND LOG FROM 3550' TO 2000'. CONTINUE GR/CCL TO SURFACE. POOH AND LD TOOLS. RD SERVICE COMPANYS. SECURE WELL SDFN.													
TEST WAS LOAD HOLE GOOD. REL SDFN.	GOOD. RU E W/ 20 BBI LEASE PKR	J 4.5" TBG L KCL. SE R.AND LEA	. TOOLS T PKR / VE UNS	S. MU AND AND TEST SET. WAIT	TIH V PLUG FOR 3	V/ SCHLUMB LINER TOP 3 JTS 4.5" TE	ERGER 7' AND 7" FF 8G. SD @	" AD1 PKR ROM 3508' 16:30 AND	AND 101 TO 3071'. TBG NOT	JTS 4.5 (TEST ON LC	5" 12.6 # TE TO 2700# DC. SECUR	BG TO) . TES RE WEL	3071'. T WAS .L
FOLLOWS:	3214'-3224	4', 3234'-3	246', 32	52'-3262', 3	3284'-	3296'. ALL SI	HOTS ARE	E 1SPF FO	R TOTAL	OF 48	3 (.34") HOL	ES. P	
4800#. TES RATE OF 3 CONCENTE PRESSURE	T WAS GO 3.5 BPM AI RATION OF DURING J	OOD. SET I ND AV PR 3.23 PPG IOB WAS 3	PRV @ ESSUR . FLUID 3948#.	4000#. FRA RE OF 3100 TO RECOV	ACED #. PL/ /ER IS	FRUITLAND ACED 4000#	COAL W/ 40/70 AZ /	94,556 GA AND 88,40	L OF 20# 0# 16/30	DELTA B SAN	A 140 FRAC D W/ MAX	C FLUI SAND	D@AV
PJSM. SITE RELEASE F HYDROSTA 9/16" CSG F	P= 420#, SIC PKR. PU 1 J ATIC HEAD PUNCH ANI	CP=470#. E IT 4.5" TBC ON BACK D PUNCH	BLEED (G. ABLE SIDE NO 4 HOLE	CSG. DOW TO WORK OT ALOWIN ES @ 3180'	N. BLO PKR I IG SLI - 3188	DOWN BUT N PS TO RELA ' IN 4.5" TBG	NOT ABLE X.) PJSM \ . ONLY. TF	TO ROTAT W/BLUE JE RY TO REL	E ENOUG T. RU BL	GH TO LUE JE	RELEASE I T WIRELINE	PKR. (E. RIH '	
PJSM. SITP AND PULL COLLAR @ SPEAR W/	=420#, SICI TENSION T 3195'. CAL 4" GRAPLE	P=80#. BLE O SHEAR LED FOR , X/O ,BUI	EED CS SAFET FISHIN MPER S	G DOWN. N Y ON PKR. G TOOLS. SUB, JARS,	NORK POOI TOOL (5) 3	TO RELEAS HAND LD 10 SAND FISHI 1/2 DC, X/O A	E PKR. CA 5 JTS 4.5" ERMAN OI AND 40 JT	AN NOT RE TBG. LEFT N LOCATIO S 2 3/8" TB	PKR MAI N @ 16:3 G. SECUI	NDREL 30. PJS RE WE	., SLIPS ,CC M. PU AND LL SDFN.	ONE AN	ND V/ 3 3/4"
WORKING. BHA AND 9 SPEAR. TIH	WORK FOI 8 JTS TBG. I AND ENG	R 1 HR TC . ENGAGE :AGE FISH	ACTU FISH. J I. POOH	ATE JARS. IAR ON PKF I W/ 98 JTS	NO LI R AND 2 3/8'	JCK. RELEA: GET MOVIN TBG. STANI	SE FISH. F IG. POOH A D BACK DO	POOH W/ 96 AND DID N C, LD TOO!	3 JTS 2 3/ OT HAVE _S AND P	/8" TBG PKR. F PKR. SE	REPLACE	JARS SRAPP	. TIH W/ LE ON
SAND. POO FB TANK. B	OH, RETRIV BREAK CIRC	/ED 2 SLIF CULATION	PS. LD N I W/ AIR	MAGNET. IV R. UNLOAD	IU AN HOLE	D TIH W/ 3 7/ . C/O FILL FF	/8" JUNK N ROM 3254'	IILL, BIT SU TO LINER	JB AND 1 TOP @ 3	08 JTS 508'. CI	2 3/8" TBG	. TAG	FILL. RU
• · · · · · · · · · · · · · · · · · · ·	RU UNIT AN AND 3000# BBL KCL. U SECURE W PJSM. SICF (GUAGE RII AND RIH AI AND LOG F WELL SDFN PJSM. SICF FOLLOWS: GOOD. REI SDFN. PJSM. SICF FRAC STAC SDFN. PJSM. SICF FOLLOWS: GUNS, RD PJSM. DISC 4800#. TES RATE OF 3 CONCENTF PRESSURE RD SERVIC PJSM. SITF RELEASE F HYDROSTA 9/16" CSG I DECIDED T PJSM. SITF AND PULL COLLAR @ SPEAR W/ PJSM. SICF WORKING. BHA AND 9 SPEAR. TII PKR IS OOI PJSM. SICF SAND. POC FB TANK. E	RU UNIT AND EQUIPM AND 3000# HIGH. TES BBL KCL. UNSEAT HA SECURE WELL SDFN. PJSM. SICP=160#. BW (GUAGE RING). TO CHAND RIH AND DUMP AND LOG FROM 3550' WELL SDFN. PJSM. SICP= 0#. R&R TEST WAS GOOD. RL LOAD HOLE W/ 20 BB GOOD. RELEASE PKF SDFN. PJSM. SICP= 0#. TIH V FRAC STACK ON TBG SDFN. PJSM. SICP=0#. RU COFOLLOWS: 3214'-322-GUNS, RD COMPUTA PJSM. DISCUSSED DA 4800#. TEST WAS GO RATE OF 33.5 BPM AICONCENTRATION OF PRESSURE DURING. RD SERVICE COMPAN PJSM. SITP= 420#, SIC RELEASE PKR. PU 1. HYDROSTATIC HEAD 9/16" CSG PUNCH AN DECIDED TO LEAVE SPJSM. SITP=420#, SIC AND PULL TENSION TO COLLAR @ 3195'. CAL SPEAR W/ 4" GRAPLE PJSM. SICP=300#. BW WORKING. WORK FO BHA AND 98 JTS TBG SPEAR. TIH AND ENGPKR IS OOH, LEFT 3 IPJSM. SICP=400#. BV SAND. POOH, RETRIN FB TANK. BREAK CIRC	RU UNIT AND EQUIPMENT. DIG AND 3000# HIGH. TEST WAS GO BBL KCL. UNSEAT HANGER.PO SECURE WELL SDFN. PJSM. SICP=160#. BWD. CONTII (GUAGE RING). TO CHECK LINE AND RIH AND DUMP 20' SAND O AND LOG FROM 3550' TO 2000'. WELL SDFN. PJSM. SICP= 0#. R&R 2 3/8" PIF TEST WAS GOOD. RU 4.5" TBG LOAD HOLE W/ 20 BBL KCL. SE GOOD. RELEASE PKR.AND LEASDFN. PJSM. SICP= 0#. TIH W/ 2 JTS 4. FRAC STACK ON TBG. (FLANGI SDFN. PJSM. SICP=0#. RU COMPUTAL FOLLOWS: 3214'-3224', 3234'-3 GUNS, RD COMPUTALOG AND PJSM. DISCUSSED DAYS EVEN 4800#. TEST WAS GOOD. SET RATE OF 33.5 BPM AND AV PR CONCENTRATION OF 3.23 PPG PRESSURE DURING JOB WAS: RD SERVICE COMPANYS. SECU. PJSM. SITP= 420#, SICP=470#. I RELEASE PKR. PU 1 JT 4.5" TBG HYDROSTATIC HEAD ON BACK 9/16" CSG PUNCH AND PUNCH DECIDED TO LEAVE SI OVERNIK PJSM. SITP=420#, SICP=80#. BL AND PULL TENSION TO SHEAR COLLAR @ 3195'. CALLED FOR SPEAR W/ 4" GRAPLE, X/O, BU! PJSM. SICP=300#. BWD. CONTII WORKING. WORK FOR 1 HR TC BHA AND 98 JTS TBG. ENGAGE SPEAR. TIH AND ENGAGE FISH PKR IS OOH, LEFT 3 PIECES OI PJSM. SICP=400#. BWD. MU AI SAND. POOH, RETRIVED 2 SLIF FB TANK. BREAK CIRCULATION	RU UNIT AND EQUIPMENT. DIG PIT. KIL AND 3000# HIGH. TEST WAS GOOD. RI BBL KCL. UNSEAT HANGER.POOH STA SECURE WELL SDFN. PJSM. SICP=160#. BWD. CONTINUE TO (GUAGE RING). TO CHECK LINER TOP. AND RIH AND DUMP 20' SAND ON CBP AND LOG FROM 3550' TO 2000'. CONTIN WELL SDFN. PJSM. SICP= 0#. R&R 2 3/8" PIPE RAM TEST WAS GOOD. RU 4.5" TBG. TOOL LOAD HOLE W/ 20 BBL KCL. SET PKR. GOOD. RELEASE PKR.AND LEAVE UNS SDFN. PJSM. SICP= 0#. TIH W/ 2 JTS 4.5" TBG. FRAC STACK ON TBG. (FLANGED TO B SDFN. PJSM. SICP=0#. RU COMPUTALOG WIF FOLLOWS: 3214'-3224', 3234'-3246', 32 GUNS, RD COMPUTALOG AND RELEA PJSM. DISCUSSED DAYS EVENTS AND 4800#. TEST WAS GOOD. SET PRV @ RATE OF 33.5 BPM AND AV PRESSUR CONCENTRATION OF 3.23 PPG. FLUID PRESSURE DURING JOB WAS 3948#. RD SERVICE COMPANYS. SECURE WE PJSM. SITP= 420#, SICP=470#. BLEED RELEASE PKR. PU 1 JT 4.5" TBG. ABLE HYDROSTATIC HEAD ON BACKSIDE NO 9/16" CSG PUNCH AND PUNCH 4 HOLA PJSM. SITP=420#, SICP=80#. BLEED CS AND PULL TENSION TO SHEAR SAFET COLLAR @ 3195'. CALLED FOR FISHIN SPEAR W/ 4" GRAPLE, X/O ,BUMPER S PJSM. SICP=300#. BWD. CONTINUE TO WORKING. WORK FOR 1 HR TO ACTU. BHA AND 98 JTS TBG. ENGAGE FISH. J SPEAR. TIH AND ENGAGE FISH. POOP PKR IS OOH , LEFT 3 PIECES OF SLIPS PJSM. SICP=400#. BWD. MU AND TIH SAND. POOH, RETRIVED 2 SLIPS. LD N FB TANK. BREAK CIRCULATION W/ AIR	RU UNIT AND EQUIPMENT. DIG PIT. KILL TBG W/S AND 3000# HIGH. TEST WAS GOOD. RU FLOOR A BBL KCL. UNSEAT HANGER.POOH STANDING BA SECURE WELL SDFN. PJSM. SICP=160#. BWD. CONTINUE TO TOOH W/ (GUAGE RING). TO CHECK LINER TOP. POOH. PU AND RIH AND DUMP 20' SAND ON CBP. POOH. LC AND LOG FROM 3550' TO 2000'. CONTINUE GR/CC WELL SDFN. PJSM. SICP= 0#. R&R 2 3/8" PIPE RAMS FOR 4 1/2 TEST WAS GOOD. RU 4.5" TBG. TOOLS. MU AND LOAD HOLE W/ 20 BBL KCL. SET PKR AND TEST GOOD. RELEASE PKR.AND LEAVE UNSET. WAIT SDFN. PJSM. SICP= 0#. TIH W/ 2 JTS 4.5" TBG. SET 7" FU FRAC STACK ON TBG. (FLANGED TO BOP). REMA SDFN. PJSM. SICP=0#. RU COMPUTALOG WIRE LINE. MI FOLLOWS: 3214'-3224', 3234'-3246', 3252'-3262', 3 GUNS, RD COMPUTALOG AND RELEASE. LOAD A PJSM. DISCUSSED DAYS EVENTS AND WAYS TO 4800#. TEST WAS GOOD. SET PRV @ 4000#. FR. RATE OF 33.5 BPM AND AV PRESSURE OF 3100 CONCENTRATION OF 3.23 PPG. FLUID TO RECOV PRESSURE DURING JOB WAS 3948#. RD SERVICE COMPANYS. SECURE WELL AND SD PJSM. SITP= 420#, SICP=470#. BLEED CSG. DOW RELEASE PKR. PU 1 JT 4.5" TBG. ABLE TO WORK HYDROSTATIC HEAD ON BACKSIDE NOT ALOWIN 9/16" CSG PUNCH AND PUNCH 4 HOLES @ 3180' DECIDED TO LEAVE SI OVERNIGHT AND LET EQU PJSM. SITP=420#, SICP=80#. BLEED CSG DOWN. N AND PULL TENSION TO SHEAR SAFETY ON PKR. COLLAR @ 3195'. CALLED FOR FISHING TOOLS. SPEAR W/ 4" GRAPLE, X/O BUMPER SUB, JARS. PJSM. SICP=300#. BWD. CONTINUE TO TIH AND T WORKING. WORK FOR 1 HR TO ACTUATE JARS. BHA AND 98 JTS TBG. ENGAGE FISH. JAR ON PKI SPEAR. TIH AND ENGAGE FISH. POOH W/ 98 JTS PKR IS OOH , LEFT 3 PIECES OF SLIPS IN HOLE. N PJSM. SICP=400#. BWD. MU AND TIH W/ 6 1/4" N SAND. POOH, RETRIVED 2 SLIPS. LD MAGNET. N FB TANK. BREAK CIRCULATION W/ AIR. UNLOAD	RU UNIT AND EQUIPMENT. DIG PIT. KILL TBG W/ 5 BBL AND 3000# HIGH. TEST WAS GOOD. RU FLOOR AND TO BBL KCL. UNSEAT HANGER.POOH STANDING BACK W SECURE WELL SDFN. PJSM. SICP=160#. BWD. CONTINUE TO TOOH W/ 78 JTS (GUAGE RING). TO CHECK LINER TOP. POOH. PU 4.5" HAND RIH AND DUMP 20' SAND ON CBP. POOH. LOAD HAND LOG FROM 3550' TO 2000'. CONTINUE GR/CCL TO WELL SDFN. PJSM. SICP= 0#. R&R 2 3/8" PIPE RAMS FOR 4 1/2" RAITEST WAS GOOD. RU 4.5" TBG. TOOLS. MU AND TIH V LOAD HOLE W/ 20 BBL KCL. SET PKR AND TEST PLUG GOOD. RELEASE PKR.AND LEAVE UNSET. WAIT FOR 3 SDFN. PJSM. SICP= 0#. TIH W/ 2 JTS 4.5" TBG. SET 7" FULL BO FRAC STACK ON TBG. (FLANGED TO BOP). REMAINDE SDFN. PJSM. SICP=0#. RU COMPUTALOG WIRE LINE. MU AND FOLLOWS: 3214'-3224', 3234'-3246', 3252'-3262', 3284'-3260', 3252'-3262', 3262',	PJSM. SICP= 170#. OPERATOR. LO/TO, BLOW DOWN EQUIPMENT. CRU UNIT AND EQUIPMENT. DIG PIT. KILL TBG W/5 BBL KCL., INSTAL AND 3000# HIGH. TEST WAS GOOD. RU FLOOR AND TBG. TOOLS SELVER WELL SDFN. PJSM. SICP=160#. BWD. CONTINUE TO TOOH W/78 JTS 2 3/8" TBG. (GUAGE RING). TO CHECK LINER TOP. POOH. PU 4.5" HALIBURTON AND RIH AND DUMP 20' SAND ON CBP. POOH. LOAD HOLE W/ 142 AND LOG FROM 3550' TO 2000'. CONTINUE GR/CCL TO SURFACE. PWELL SDFN. PJSM. SICP= 0#. R&R 2 3/8" PIPE RAMS FOR 4 1/2" RAMS. SET HAN TEST WAS GOOD. RU 4.5" TBG. TOOLS. MU AND TIH W/ SCHLUMB LOAD HOLE W/ 20 BBL KCL. SET PKR AND TEST PLUG LINER TOP GOOD. RELEASE PKR.AND LEAVE UNSET. WAIT FOR 3 JTS 4.5" TESDFN. PJSM. SICP= 0#. TIH W/ 2 JTS 4.5" TBG. SET 7" FULL BORE PKR @ 3 FRAC STACK ON TBG. (FLANGED TO BOP). REMAINDER OF DAY RISDFN. PJSM. SICP=0#. RU COMPUTALOG WIRE LINE. MU AND RIH W/3 1/6 FOLLOWS: 3214'-3224', 3234'-3246', 3252'-3262', 3284'-3296'. ALL SIGUNS, RD COMPUTALOG AND RELEASE. LOAD AND TEST 4.5X" A FOLLOWS: 3214'-3224', 3234'-3246', 3252'-3262', 3284'-3296'. ALL SIGUNS, RD COMPUTALOG AND RELEASE. LOAD AND TEST 4.5X" A FUSH. TEST WAS GOOD. SET PRV @ 4000#. FRACED FRUITLAND RATE OF 33.5 BPM AND AV PRESSURE OF 3100#. PLACED 4000#. CONCENTRATION OF 3.23 PPG. FLUID TO RECOVER IS 2378 BBL. 2 PRESSURE DURING JOB WAS 3948#. RD SERVICE COMPANYS. SECURE WELL AND SDFWE. PJSM. SITP= 420#, SICP=470#. BLEED CSG. DOWN. BLOW DOWN THELEASE PKR. PU 1 JT 4.5" TBG. ABLE TO WORK PKR DOWN BUT NHYDROSTATIC HEAD ON BACKSIDE NOT ALOWING SLIPS TO RELA SHEED CSG PUNCH AND PUNCH 4 HOLES @ 3180'-3188' IN 4.5" TBG. DECIDED TO LEAVE SI OVERNIGHT AND LET EQUILIZE. SECURE WELL AND SPFWE. PJSM. SITP=420#, SICP=470#. BLEED CSG. DOWN. WORK TO RELEASE PKR. PU 1 JT 4.5" TBG. ABLE TO WORK PKR DOWN BUT NHYDROSTATIC HEAD ON BACKSIDE NOT ALOWING SLIPS TO RELA SHE STP-420#, SICP=80#. BLEED CSG. DOWN. WORK TO RELEASE PKR. PO 1 HR TO ACTUATE JARS. NO LUCK. RELEASE PKR. PO 1 LEAVE SI OVERNIGHT AND LET EQUILIZE. SECURE WELL AND SPEAR WIT GRAPLE, X/O BUMPER SUB, JARS, (5) 3 1/2 DC,	RU UNIT AND EQUIPMENT. DIG PIT. KILL TBG W/ 5 BBL KCL, INSTAL 2 WAY CRAND 3000# HIGH. TEST WAS GOOD. RU FLOOR AND TBG. TOOLS.POOH W/ 5 BBL KCL. UNSEAT HANGER.POOH STANDING BACK W/ 100 JTS 2 3/8" TBG. SECURE WELL SDFN. PJSM. SICP=160#. BWD. CONTINUE TO TOOH W/ 78 JTS 2 3/8" TBG PJSM W (GUAGE RING). TO CHECK LINER TOP. POOH. PU 4.5" HALIBURTON CBP AND AND RIH AND DUMP 20 SAND ON CBP. POOH. LOAD HOLE W/ 142 BBL 2 % K AND LOG FROM 3550" TO 2000". CONTINUE GR/CCL TO SURFACE. POOH AND WELL SDFN. PJSM. SICP= 0#. R&R 2 3/8" PIPE RAMS FOR 4 1/2" RAMS. SET HANGER W/ E TEST WAS GOOD. RU 4.5" TBG. TOOLS. MU AND TIH W/ SCHLUMBERGER 7' LOAD HOLE W/ 20 BBL KCL. SET PKR AND TEST PLUG LINER TOP AND 7" FF GOOD. RELEASE PKR.AND LEAVE UNSET. WAIT FOR 3 JTS 4.5" TBG. SD @ SDFN. PJSM. SICP= 0#. TIH W/ 2 JTS 4.5" TBG. SET 7" FULL BORE PKR @ 3142′ KB. P FRAC STACK ON TBG. (FLANGED TO BOP). REMAINDER OF DAY REPAIRED F SDFN. PJSM. SICP=0#. RU COMPUTALOG WIRE LINE. MU AND RIH W/ 3 1/8" SF 90" F FOLLOWS: 3214'-3224', 3234'-3246', 3252'-3262', 3284'-3296'. ALL SHOTS ARIGUNS, RD COMPUTALOG AND RELEASE. LOAD AND TEST 4.5X7" ANN. AND PJSM. DISCUSSED DAYS EVENTS AND WAYS TO PREVENT INCIDENT. RU HA 4800#. TEST WAS GOOD. SET PRV @ 4000#. FRACED FRUITLAND COAL W. RATE OF 33.5 BPM AND AV PRESSURE OF 3100#. PLACED 4000# 40/70 AZ. CONCENTRATION OF 3.23 PPG. FLUID TO RECOVER IS 2378 BBL. 27% PAD V PRESSURE DURING JOB WAS 3948#. RD SERVICE COMPANYS. SECURE WELL AND SDFWE. PJSM. SITP= 420#, SICP=470#. BLEED CSG. DOWN. BLOW DOWN TBG. AND 19/16" CSG PUNCH AND PUNCH 4 HOLES @ 3180". 3188' IN 4.5" TBG. ONLY. TI DECIDED TO LEAVE SI CVERNIGHT AND LET EQUILIZE. SECURE WELL AND S PJSM. SITP=420#, SICP=470#. BLEED CSG. DOWN. WORK TO RELEASE PKR. C. AND PULK TEASON. BUT CONTINUE TO THA AND TAG FISH @ 3234'. ENGAGE WORKING. WORK FOR 1 HR TO ACTUATE JARS. NO LUCK. RELEASE PKR. C. AND PULK TENSION TO SHEAR SAFETY ON PKR. POOH AND LD 105 JTS 4.5" COLLAR @ 3195'. CALLED FOR FISHING TOOLS. TOOLS. AND FISHERMAN O SPEAR W/4" GRAPLE, X/O BUMPER SUB, JARS, (5) 3	P.JSM. SICP= 170#. OPERATOR. LOTTO, BLOW DOWN EQUIPMENT. CHECK LOCATION FOR ULUNIT AND EQUIPMENT. DIG PIT. KILL TBG W 5 BBL KCL., INSTAL 2 WAY CHECK. NDV. AND 300. HIGH. TEST WAS GOOD. RU FLOOR AND TBG. TOOLS, POOH W 2 WAY CHE BBL KCL. UNSEAT HANGER, POOH STANDING BACK W/ 100 JTS 2 3/8" TBG. TBG. LOOI SECURE WELL SDFN. P.JSM. SICP=160#. BWD. CONTINUE TO TOOH W/ 78 JTS 2 3/8" TBG P.JSM W/ COMPUT/ (GUAGE RING). TO CHECK LINER TOP. POOH. PU 4.5" HALIBURTON CBP AND RIH AND SAND RIH AND DUMP 20" SAND ON CBP. POOH. LOAD HOLE W/ 142 BBL 2 % KCL. PU AN AND LOG FROM 3550" TO 2000. CONTINUE GR/CCL TO SURFACE. POOH AND LD TOOLS WELL SDFN. P.JSM. SICP=0#. R&R 2 3/8" PIPE RAMS FOR 4 1/2" RAMS. SET HANGER W/ BPV. TEST ITEST WAS GOOD. RU 4.5" TBG. TOOLS. MU AND TIH W/ SCHLUMBERGER 7" AD1 PKR LOAD HOLE W/ 20 BBL KCL. SET PKR AND TEST PLUG LINER TOP AND 7" FROM 3500 GOOD. RELEASE PKR.AND LEAVE UNSET. WAIT FOR 3 JTS 4.5" TBG. SD @ 16:30 AND SDFN. P.JSM. SICP=0#. TIH W/ 2 JTS 4.5" TBG. SET 7" FULL BORE PKR @ 3142" KB. PULL 40K TE FRAC STACK ON TBG. (PLANGED TO BOP). REMAINDER OF DAY REPAIRED POWER SW. SDFN. P.JSM. SICP=0#. RU COMPUTALOG WIRE LINE. MU AND RIH W/ 3 1/8" SF 90" PPW/ 12G 3' FOLLOWS: 3214"-3224", 3234"-3246", 3252"-3262", 3284"-3296". ALL SHOTS ARE 1SPF FO GUNS, RD COMPUTALOG AND RELEASE. LOAD AND TEST 4.5X7" ANN. AND LEAVE 500 P.JSM. DISCUSSED DAYS EVENTS AND WAYS TO PREVENT INCIDENT. RU HALLIBURTON 4800#. TEST WAS GOOD. SET PRV @ 4000#. FRACED FRUITLAND COAL W/ 94,556 GA RATE OF 33.5 BPM AND AV PRESSURE OF 3100#. PLACED 4000# 40070 AZ AND 88,40 CONCENTRATION OF 323 PPG. FLUID TO RECOVER IS 2378 BBL. 27% PAD W/ INITIAL F PRESSURE DURING JOB WAS 3948#. P.JSM. SITP=420#, SICP=470#. BLEED CSG. DOWN. BLOW DOWN TBG. AND KILL W/ 20 RELEASE PKR. PU 1 JT 4.5" TBG. ABLE TO WORK PKR DOWN BUT NOT ABLE TO ROTAT HYDROSTATIC HEAD ON BACKSIDE NOT ALCOWING SLIPS TO RELAX.) PJSM W/ BILLE LE 9/16" CSG PUNCH AND PUNCH 4 HOLES @ 3180" 3188" IN 4.5" TBG. CNIL. TRY TO RELIDECIDED TO LEAVE SICP=400#. BLEED CSG DOWN. WORK TO RELEASE	FJSM. SICP= 170#. OPERATOR. LO/TO, BLOW DOWN EQUIPMENT. CHECK LOCATION FOR LEL'S. RU UNIT AND EQUIPMENT. DIG PIT. KILL TBG W 5 BBL KCL, INSTAL 2 WAY CHECK ND WH, NU B AND 3008 HIGH. TEST WAS GOOD. RU FLOOR AND TBG. TOOLS POOH W 2 WAY CHECK. BLE BBL KCL. UNSEAT HANGER.POOH STANDING BACK W/ 100 JTS 2 3/8" TBG. TBG. LOOKS GOOD SECURE WELL SDFN. PJSM. SICP=160#. BWD. CONTINUE TO TOOH W/ 78 JTS 2 3/8" TBG. PJSM W/ COMPUTALOG. MI (GUAGE RING). TO CHECK LINER TOP. POOH. PU 4.5" HALIBURTON CBP AND RIH AND SET @ 354 AND RIH AND DUMP 20' SAND ON CBP. POOH. LOAD HOLE W/ 142 BBL 2 % KCL. PU AND RIH W/ AND LOG FROM 3550' TO 2000'. CONTINUE GR/CCL TO SURFACE. POOH AND LD TOOLS. RD SEF WELL SDFN. PJSM. SICP= 0#. R8R 2 3/8" PIPE RAMS FOR 4 1/2" RAMS. SET HANGER W/ BPV. TEST BOPE TC TEST WAS GOOD. RU 4.5" TBG. TOOLS. MU AND TIH W/ SCHLUMBERGER "7" AD1 PKR AND 101 LOAD HOLE W/ 20 BBL KCL. SET PKR AND TEST PLUG LINER TOP AND 7" FROM 3506' TO 3071'. GOOD. RELEASE PKR.AND LEAVE UNSET. WAIT FOR 3 JTS 4.5" TBG. SD @ 16:30 AND TBG NOT SDFN. PJSM. SICP= 0#. RIH W/ 2 JTS 4.5" TBG. SET 7" FULL BORE PKR @ 3142' KB. PULL 40K TENSION II FRAC STACK ON TBG. (FLANGED TO BOP). REMAINDER OF DAY REPAIRED POWER SWIVEL ANI SDFN. PJSM. SICP=0#. RU COMPUTALOG WIRE LINE. MU AND RIH W/ 3 1/8" SF 90' PPW/ 12G 306T CHAI FOLLOWS: 3214-3224', 3234-3246', 3252-3262', 3284-3296'. ALL SHOTS ARE 15PF FOR TOTAL GUNS, RD COMPUTALOG AND RELEASE. LOAD AND TEST 4.57" ANN. AND LEAVE 500#. SECUL PJSM. DISCUSSED DAYS EVENTS AND WAYS TO PREVENT INCIDENT. RU HALLIBURTON FRAC U 4800#. TEST WAS GOOD. SET PRV @ 4000#. FRACED FRUITLAND COAL W/ 94,556 GAL OF 20# RATE OF 33.5 BPM AND AVS PERSSURE OF 310.9" PLACED 4000# 407/0 AZ AND 88,400# 16:30 CONCENTRATION OF 323 PPG. FLUID TO RECOVER IS 2378 BBL. 27% PAD W/ INITIAL FRC GRAC PRESSURE DURING JOB WAS 3948#. RD SERVICE COMPANYS. SCENTES AND WAYS TO PREVENT INCIDENT. RU HALLIBURTON FRAC U 4800#. TEST WAS GOOD. SET PRV @ 4000#. FRACED FRUITLAND COAL W/ 94,556 GAL OF 20# RATE OF 33.5 BPM AND AVS PERSSURE OF 3100#. PLACED 40	FJSM. SICP= 170#. OPERATOR. LOTO, BLOW DOWN EQUIPMENT. CHECK LOCATION FOR LELS. SPOT! RU UNIT AND EQUIPMENT. DIG PIT. KILL TBG W/5 BBL KCL, INSTAL 2 WAY CHECK. ND WH, NU BOPE. T AND 3000# HIGH. TEST WAS GOOD. RU FLOOR AND TBG. TOOLS. POOH W/2 WAY CHECK. BLEED CS/BBL KCL, UNSEAT HANGER. POOH STANDING BACK W/ 100 JTS 2 3/8" TBG. TBG. LOOKS GOOD.HIGH SECURE WELL SDFN. PJSM. SICP=160#. BWD. CONTINUE TO TOOH W/78 JTS 2 3/8" TBG PJSM W/ COMPUTALOG. MU AND (GUAGE RING). TO CHECK LINER TOP. POOH. PU 4.5" HALIBURTON CBP AND RIH AND SET @ 3550. POOK AND RIH AND DUMP 20" SAND ON CBP. POOH. LOAD HOLE W/142 BBL 2 % KCL. PU AND RIH W/CNL/G. AND LOG FROM 3550" TO 2000. CONTINUE GRICCL TO SURFACE. POOH AND LID TOOLS. RD SERVICE C WELLSDFN. PJSM. SICP= 0#. R&R 2 3/8" PIPE RAMS FOR 4 1/2" RAMS. SET HANGER W/ BPV. TEST BOPE TO 200#1 TEST WAS GOOD. RU 4.5" TBG. TOOLS. MU AND TIH W/ SCHLUMBERGER 7" AD1 PKR AND 101 JTS 4. LOAD HOLE W/ 20 BBL KCL. SET PKR AND TEST PLUG LINER TOP AND 7" FROM 3508" TO 3071'. (TEST GOOD. RELEASE PKR.AND LEAVE UNSET. WAIT FOR 3 JTS 4.5" TBG. SD @ 16:30 AND TBG NOT ON LOSDFN. PJSM. SICP= 0#. TIH W/2 JTS 4.5" TBG. SET 7" FULL BORE PKR @ 3142" KB. PULL 40K TENSION INTO PH FRAC STACK ON TBG. (FLANGED TO BOP). REMAINDER OF DAY REPAIRED POWER SWIVEL AND RIG F SDFN. PJSM. SICP=0#. RU COMPUTALOG WIRE LINE. MU AND RIH W/ 3 1/8" SF 90" PPW/ 12G 306T CHARGES. FOLLOWS: 3214-3224", 3234"-3246", 3252", 3254"-3256", 3254"-3256". ALL SHOTS ARE 1SPF FOR TOTAL OF 48 GUNS. RD COMPUTALOG AND RELEASE. LOAD AND TEST 4.57" ANN. AND LEAVE 500#. SECURE WE PLSM. SICP=20#. RU COMPUTALOG AND RELEASE. LOAD AND TEST 1.5" FOUND HAVE 10 SA AND 8.400#. 16/30 B SAN CONCENTRATION OF 3 :23 PPG. FLUID TO RECOVER 1238 BBL. 27% PAD W/ INITIAL FOR GRADIENT (PRESSURE DURING JOB WAYS TO PREVENT INCIDENT. RU HALIBURTON FRAC LINE # 4800#. TEST WAS GOOD. SET PRV @ 4000#. FRACED FRUITLAND COAL W/ 94,556 GAL OF 20# DELT. RATE OF 33.5 BPM AND AV PRESSURE OF 3100#. PLACED 4000# BDLT NOT AS LEED CSO DOYS EVENTS AND WAYS TO PREVENT INCIDENT. RU HAL	PLISM. SICP= 1708. OPERATOR. LOTO, BLOW DOWN EQUIPMENT. CHECK LOCATION FOR LELIS. SPOT UNIT AND ERU UNIT AND EQUIPMENT. DIG PIT. KILL TBG W/5 BBL KCL., INSTAL 2 WAY CHECK. ND WH, NU BOPE. TEST BOPE AND 3000# HIGH. TEST WAS GOOD. RU FLOOR AND TBG. TOOLS.POOH W/2 WAY CHECK. BLEED CSG. DOWN. 1 BBL KCL. UNISEAT HANGER POOH STANDING BACK W/ 100 JTS 2 3/8" TBG. TBG. LOOKS GOOD.HIGH WINDS SI SECURE WELL SOFN. PJSM. SICP=160#. BWD. CONTINUE TO TOOH W/ 78 JTS 2 3/8" TBG. PJSM W/ COMPUTALOG. MU AND RIH W/ 4" J (GUAGE RING). TO CHECK LINER TOP. POOH, PU 4.5" HALIBURTON CBP AND RIH AND SET @ 3550. POOH. RU DU AND RIH AND DUMP 20' SAND ON CBP. POOH. LOAD HOLE W/ 142 BBL 2 % KCL. PU AND RIH W/ CNUCRCIC LOC AND LOG FROM 3550 TO 2000. CONTINUE GRCCL TO SURFACE. POOH AND LD TOOLS. RD SERVICE COMPANYS WELL SOFN. PJSM. SICP= 0#. R&R 2 3/8" PIPE RAMS FOR 4 1/2" RAMS. SET HANGER W/ BPV. TEST BOPE TO 200# LOW AND 3 TEST WAS GOOD. RU 4.5" TBG. TOOLS. MU AND TIH W/ SCHLUBRER TOP AND 7" FROM 3500 TO 2007. (TEST TO 2100# GOOD. RELEASE PKR AND LEAVE UNSET. WAIT FOR 3 JTS 4.5" TBG. SD @ 16:30 AND TBG NOT ON LOC. SECURE SOFN. PJSM. SICP= 0#. TIH W/ 2 JTS 4.5" TBG. SET 7" FULL BORE PKR @ 3142" KB. PULL 40K TENSION INTO PKR RU WS GENER. STACK ON TBG. (FLANGED TO BOP), REMAINDER OF DAY REPAIRED POWER SWVEL AND RIG PUMP. SEC SOFN. PJSM. SICP=0#. RU COMPUTALOG WIRE LINE. MU AND RIH W/ 3 1/8" SF 90" PPW/ 12G 306T CHARGES. PERFORAT FOLLOWS: 3214-3224", 3224'-3224', 3225'-3262', 3284'-3296'. ALL SHOTS ARE 1SPF FOR TOTAL OF 48 (34") HOLD SUNS. RUSCESED DAYS EVENTS AND WAYS TO PREVENT INCIDENT. RU HALLBURTON FRAC UNIT. PRESSURE T 4800#. TBG. SCHURCH STANDAYS AND SASSURE T AND SOFN. PJSM. SICP=0#. RU COMPUTALOG WIRE LINE. MU AND RIH W/ 3 1/8" SF 90" PPW/ 12G 306T CHARGES. PERFORAT FOLLOWS: 3214'-3224', 3224'-3224', 3225'-3262', 3284'-3296'. ALL SHOTS ARE 1SPF FOR TOTAL OF 48 (34") HOLD SASSURE T 4800#. TSP 10 MONTH STANDAY SASSURE T 4800#. TSP 6 MONTH STANDAY SASSURE T 4800#. TSP 6 MONTH STANDAY SASSURE T 4800#. TSP 6 MONTH STANDAY SASSURE T 480	PJSM. SICP= 170#, OPERATOR, LOTTO, BLOW DOWN EQUIPMENT, CHECK LOCATION FOR LEL'S. SPOT UNIT AND EQUIPMENT TO BE QUIPMENT, DIG PIT, KILL TBG W/ 5 BBL KCL, INSTAL 2 WAY CHECK. ND WH, NU BOPE. TEST BOPE, 200#, AND 3000# HIGH. TEST WAS GOOD. RU FLOOR AND TBG. TOOLS POOH W/ 2 WAY CHECK. BLEED CSG. DOWN. KILL W BBL KCL. UNSEAT HANGER POOH STANDING BACK W/ 100 JTS 2 3/8" TBG. TBG, LOOKS GOOD.HIGH WINDS SD @ 16 SECURE WELL SOPN. PJSM. SICP=160#. BWD. CONTINUE TO TOOH W/ 78 JTS 2 3/8" TBG PJSM W/ COMPUTALOG, MU AND RIH W/ 4" JUNKEM (GUAGE RING). TO CHECK LINER TOP. POOH PU 4.5" HALIBURTON CIPP AND RIH AND SET @ 3550". POOH NI DUMP BA AND RIH AND DEMP 20" SAND ON CBP. POOH LOAD HOLLE W/ 142 BBL 2 % KCL. PU AND RIH W/ CALOGRICC LOGGING AND LOG FROM 3550" TO 2000". CONTINUE GRICCL TO SURFACE. POOH AND LD TOOLS. RD SERVICE COMPANYS. SEC WELL SDFN. PJSM. SICP= 0#. R&R 2 3/8" PIPE RAMS FOR 4 1/2" RAMS. SET HANGER W/ BPV. TEST BOPE TO 200# LOW AND 3000# H TEST WAS GOOD. RU 4.5" TBG. TOOLS. MU AND TIH W/ SCHLUMBERGER 7" AD1 PKR AND 101 JTS 4.5" 12.8 TBG TO LOAD HOLE W/ 20 BBL KCL. SET PKR AND TEST FLUG LINER TOP AND 7" FROM 3508 TO 3071". (TEST TO 2700#). TEST GOOD. RELEASE PKR AND LEAVE UNSET. WAIT FOR 3 JTS 4.5" TBG. SD @ 16:30 AND TBG NOT ON LOC. SECURE WELSOFN. PJSM. SICP= 0#. TIH W/ 2 JTS 4.5" TBG. SET 7" FULL BORE PKR @ 3142" KB. PULL 40K TENSION INTO PKR. RU WSI FLAN FRACE STACK ON TBG. (FLANGED TO BOP). REMAINDER OF DAY REPAIRED POWER SWIVEL AND RIG PUMP. SECURE WELSOFN. PJSM. SICP=0#. RU COMPUTALOG WIRE LINE. MU AND RIH W/3 1/8" SF 90" PPW/ 12G 305T CHARGES. PERFORATE FC. POLUS, SCH. 24", 3224"-3224", 3252"-3262", 3284"-3296". ALL SHOTS ARE 1SPF FOR TOTAL OF 48 (3.4") HOLES. PUMS. RD COMPUTALOG AND RELEASE. LOAD AND TEST 1.6.X" ANN. AND LEAVE 500#. SECURE WELL AND SOFN. PJSM. SICP=0#. RU COMPUTALOG WIRE LINE. MU AND TEST 4.5X" ANN. AND LEAVE 500#. SECURE WELL AND SOFN. PJSM. SICP=0#. THE COMPUTALOG WIRE LINE. MU AND TEST 1.5X". ANN. AND LEAVE 500#. SECURE WELL AND SOFN. PJSM. SICP=0#. FROM THE AND THE SECUR

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Start Date 8/27/2004 00:00	CLEAN. PUH TO FLOW UI FC PERFS. 3 2 3/8" TBG S	I TO 3140'. P TBG.) FL 3214'- 3296 SET @ 314	FLOW TE OW TEST 5'. 0' KB	ST FRU	VITLAND CO	OAL FORM :	Oos This Rot LL). BREAK O MATION FLOV						ABLE
	TESTED FLOWING TO ATMOSPHERE W/ 1/2' CHOKE @ SURFACE SITP= N/A FCP= 60# FC PRODUCTION= 396 MCFPD 5 BWPD O BOPD NO SAND. TEST WITNESSED BY H. FRIAS W/ KEY ENERGY SERVICES.												,
8/28/2004 00:00	3550', DRILL PJSM, SICP POOH W/ 16	OUT PLUG = 450#. BW 60 JTS 2 3/8 (, 1.81" FN	<u>S. POOH (</u> D. TIH W 3" TBG. KI AND 180	W/ 16 JT TBG AN LL WEL 1 JTS 2	S 2 3/8" TI ND TAG FIL L W/ 15 BE 3/8" . TAG	BG. SECU LL @. 5660 BL KCL. CO FILL @ 5	ILATION W/ A RE WELL SDI D'. BREAK CIR DNTINUE TO 645'. BREAK (SDFN.	FN. CULATIO TIH AND L	N W/ AIR. D MILL. M	UNLOAD I	HOLE, CIRC	JLATE CLI EVERY JT	EAN. '. W/ 2
8/29/2004 00:00	PJSM. SICP= TBG. TEST V W/ 159 JTS E MASTER VA	= 450#. BWI WAS GOOD EOT @ 500 LVE. LET W	D. TIH AN D. PRESS 1' KB W/ VELL FLO	ID TAG I URE UP 1.81" FN W TO E	NO FILL. P AND PUM AND MUL NSURE AIF	UMP 3 BB MP OUT CH .E SHOE G R IS PURG	L, DROP BALI (@ 1125#. UN GUIDE ON BO GED AND WEL LOAD EQUIP	NLOAD HO TTOM.SE L IS NOT	DLE W/ AII T 2 WAY (LOGGED (R. POOH A CK. IN HAN OFF. RD U	ND LD 22 JT GER. ND BO NIT AND EQ	rs. Land V DPE, NU UIPMENT.	WELL

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