SIDE ONE

Two (2) copies of this form shall be filed with mission, 200 Colorado Derby Building, Wichita, Kansa days after the completion of a well, regardless of hattach separate letter of request if the inform	s 67202, within thirty (30) now the well was completed. Mation is to be held confidential.
If confidential, only file one copy. Information on record and Side Two will then be held confidential.	Side One will be of public
Applications must be made on dual completion, c	ommingling, salt water disposal,
injection and temporarily abandoned wells. $V = X$ Attach one copy only wireline logs (i.e. electroneutron log, etc.). (Rules 82-2-105 & 82-2-125) KC	ical log, sonic log, gamma ray C# (316) 263-3238.
LICENSE # 5562 EXPIRATION DATE	
OPERATOR Liberty Enterprises, Inc.	API NO. 15-163-21,551 -00-00
ADDRESS 308 West Mill	COUNTY Rooks
Plainville, Kansas 67663	FIELD RIFFE
** CONTACT PERSON Charles G. Comeau PHONE 913-434-4686	PROD. FORMATION KC & Topeka
PURCHASER CRA, Inc.	LEASE <u>Bittel</u>
ADDRESS P.O. Box 7305	WELL NO. 1
Kansas City, Missouri	WELL LOCATION SW SW NW
DRILLING <u>Pioneer Drilling Company</u> , Inc. CONTRACTOR	2310 Ft. from North Line and
ADDRESS 308 West Mill	330 Ft. from West Line of
Plainville, Kansas 67663	the NW/4(Qtr.) SEC 21 TWP 7S RGE 17W.
PLUGGING	WELL PLAT (Office
CONTRACTOR , ADDRESS	Use Only
	KGS KGS
TOTAL DEPTH 3490' PBTD 3380'	SWD/REP_
SPUD DATE 2-11-82 DATE COMPLETED 3-3-83	PLG
ELEV: GR 1744' DF 1747' KB 1749'	
DRILLED WITH (GABLE) (ROTARY) (XXXX) TOOLS.	
DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE	
Amount of surface pipe set and cemented 3 3/8"@128' 8 5/8"@1198'	DV Tool Used? No.
THIS AFFIDAVIT APPLIES TO: (Circle ONE) - (Oil), Gas, Injection, Temporarily Abandoned, OWWO. Other	Shut-in Gas, Dry, Disposal,
ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATION AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.	ONS PROMULGATED TO REGULATE THE OIL
AFFIDAVIT	
Charles G. Comeau , be	ing of lawful age, hereby certifies
I am the Affiant, and I am familiar with the con The statements and allegations contained therein are	ntents of the foregoing Affidavit.
	(failed)
SUBSCRIBED AND SWORN TO BEFORE ME this 18	day of //o/i
19 <u>83</u> . SHARON WILLIAMS NOTARY PUBLIC STATE OF KANSAS	
MY COMMISSION EXPIRES:	Sharon Villiams (NOTARY PUBLIC)
	Sharon Williams HEUrively
$$\it STATECO$ ** The person who can be reached by phone regarding a information.	ORPORATION COMMISSION any questions concerning this PR 1 9 1983
CONSE	ERVATION DIVISION 4-19-83 ichita, Kansas

SEC. 21 TWP.7S RGE 17W

Show all important cluding depth interv	zones of porosity a	nd contents the	ereof; cored into	ervals, and all	drill-stem	tests, in-	SHOW GEOL	DGICAL MAI DESCRIPTIV	RKERS, LOGS RUN, E INFORMATION.
	ON DESCRIPTION,			TOP		BOTTOM	NAA	\E	DEPTH
FORMATI	sand an		,)'	130'			
·		nd sands	.	130		250' .			
	sand an			250		730'			
	shale a			730		L184'			
	anhydri			1184		1191'			,
	anhydri			1191		L199'			· .
	anhydri			1199		L215'			
	shales	;		1215		L621'			
		nd sands	}	1621		L956'			'
		and lime		1956		2021'			
	shale a	nd lime		2021	נ 2	2232'			
	shale a	nd lime		2232	2' 2	2407'			
	shale a	nd lime		2407	7 2	2699'			
-	shale a	nd lime		2699) 2	2842'	Topeka		2691 (- 942)
	lime an	d shale		2842'	2' 2	2981'	Heebner	:	2904 (- 1155)
1	d shale		2981		3060'	Toronto)	2927 (– 1178)	
lime and shale				3060'	1	1	Lansing	ı İ	2947 (-1198)
1		nd shale		3072		3140'	Base		3181 (- 1432)
		d shales	5	3140		3190'	Arbuckl	.e	3324 (- 1575)
,	lime an			3190		3255'			
1	lime an			3255	1	3336'			
	lime an			3336	1	3380'		·	
	lime an	a snale		3380		3490'			,
				3490). I r	R.T.D.			
DOM: U1	-		***	DCM #2		. ,			
DST #1	18-3060, 3	0 60 20	- 20	DST #2 Interva		006-21.40	, 30–60-	- 20 20	
Interval: 30 Recovered 20'			-30,	Recove					lling mud.w/fe
Initial BHP	1090) WCC1-1		Initia				sry arr	specks of oil
Final BHP	1040			Final I		775	1		Decomb of or.
Initial FP	41-83	3		Initia			66		
Final FP	100-14			Final 1			91		
DST #3	oc 21.00 20		30 D	1 1 1 1		774	Ĺ		
DST #3 Interval: 313 Initial BHP Final BHP	6-3190, 30 950 734	Ir	30, Recon nitial FI inal FP		-50	lling m 0–50 8–58	d.		
Interval: 313 Initial BHP	950 734	Ir Fi	nitial FI inal FP	2	-50	0–50 8–58		***	·
Interval: 313 Initial BHP Final BHP	950 734	Ir Fi	nitial FI inal FP production, e	te. CASING	50 50 G RECOR	0–50 8–58	w) or x		pe and percent additives
Interval: 313 Initial BHP Final BHP Report of all strin Purpose of string	950 734 gs set — surface,	Ir Fintermediate, Size casing se (in O.D.)	nitial FI inal FP production, e	tc. CASING	50 55 G RECOR	0–50 8–58 RD (Nex	w) or Wy	Туі	additives
Interval: 313 Initial BHP Final BHP Report of all strin	950 734 gs set — surface,	Ir Fj intermediate,	nitial FI inal FP production, e	te. CASING	50 50 G RECOR	0-50 8-58 RD (New	w) or x	Туі	additives
Interval: 313 Initial BHP Final BHP Report of all strin Purpose of string	950 734 gs set — surface,	Ir Fintermediate, Size casing se (in O.D.)	nitial FI inal FP production, e Weight lbs/ft 42#	tc. CASING	G RECOR	0-50 8-58 RD (New	w) or www.	3%GC	pe and percent additives
Interval: 313 Initial BHP Final BHP Report of all strin Purpose of string ductor String face String	950 734 gs set — surface, Size hole drilled 17 1/4" 8 5/8"	intermediate, Size casing se (in O.D.) 13 3/8" 8 5/8"	nitial FI inal FP production, e t Weight Ibs/ft 42# 23#	tc. CASING Setting depth	S RECOR	0-50 8-58 RD (New percement	v) or XVX Socks 140 75 275	3%GC	additives 28ge 728ge
Interval: 313 Initial BHP Final BHP Report of all strin Purpose of string aductor String face String	950 734 gs set — surface, Size hole drilled	Intermediate, Size casing se (in 0.0.)	nitial FI inal FP production, e t Weight Ibs/ft 42# 23#	tc. CASING	G RECOR	0-50 8-58 RD (New percement	w) or 140	3%GC	additives 28ge 728ge
Interval: 313 Initial BHP Final BHP Report of all strin Purpose of string	950 734 gs set — surface, Size hole drilled 17 1/4" 8 5/8"	Ir Fintermediate, Size casing se (in 0.b.) 13 3/8" 8 5/8" 4 1/2"	nitial FI inal FP production, e t Weight Ibs/ft 42# 23#	tc. CASING Setting depth	S RECOR	0-50 8-58 RD (New percent) On On Control Con	v) or XVX Socks 140 75 275	3% cc 3% cc 3% cc	additives 28ge 728ge
Interval: 313 Initial BHP Final BHP Report of all strin Purpose of string ductor String face String	950 734 gs set — surface, Size hole drilled 17 1/4" 8 5/8" 7 7/8"	In Finitermediate, Size casing se (in 0.0.) 13 3/8" 8 5/8" 4 1/2"	nitial FI inal FP production, e t Weight Ibs/ft 42# 23#	Setting depth 128' 1198' 3416'	S RECORD Typ Common 60/4 A.S.	0-50 8-58 RD (Never on on on on on poz C. PERFO	Socks 140 275	3%cc 3%cc 3%cc	2.28gel 2.28gel 2.28gel
Interval: 313 Initial BHP Final BHP Report of all strin Purpose of string aductor String cface String aduction	950 734 gs set — surface, Size hole drilled 17 1/4" 8 5/8" 7 7/8" LINER RECO	In Finitermediate, Size casing se (in 0.0.) 13 3/8" 8 5/8" 4 1/2"	nitial FI inal FP production, e Weight lbs/ft 42# 23# 10.5#	tc. CASING Setting depth 128' 1198' 3416'	S RECOMME COMME 60/4 A.S.	0-50 8-58 RD (Never on on on on on poz C. PERFO	Sacks 140 75 275 100	3 % CC 4	geth interval 4 per
Interval: 313 Initial BHP Final BHP Report of all strin Purpose of string aductor String cface String aduction	950 734 gs set — surface, Size hole drilled 17 1/4" 8 5/8" 7 7/8" LINER RECO	Intermediate, Size casing se (in 0.0.) 13 3/8" 8 5/8" 4 1/2"	nitial FI inal FP production, e Weight lbs/ft 42# 23# 10.5#	tc. CASING Setting depth 128' 1198' 3416'	S RECOF	0-50 8-58 RD (Never on on on on on poz C. PERFO	Sacks 140 75 275 100	3%CC 3%CC 3%CC 3%CC 3175	epth interval 4 per
Interval: 313 Initial BHP Final BHP Report of all strin Purpose of string Inductor String Inductor String Induction Top, ft.	950 734 gs set — surface, Size hole drilled 17 1/4" 8 5/8" 7 7/8" LINER RECO Bottom, ft.	In F: intermediate, Size casing se (in 0.0.) 13 3/8" 8 5/8" 4 1/2" RD Secks (nitial FI inal FP production, e Weight Ibs/ft 42# 23# 10.5#	tc. CASING Setting depth 128' 1198' 3416' 1 per 1 per 1 per	G RECOMME COMMING 60/4 A.S.	0-50 8-58 RD (Never on on on on on poz C. PERFO	Sacks 140 75 275 100	3%CC 3%CC 3%CC 3%CC 3175	geth interval 4 per 2780
Interval: 313 Initial BHP Final BHP Report of all string Purpose of string Inductor String Inductor String Induction Top, ft.	950 734 gs set — surface, Size hole drilled 17 1/4" 8 5/8" 7 7/8" LINER RECO	In F: intermediate, Size casing se (in 0.0.) 13 3/8" 8 5/8" 4 1/2" RD Secks (nitial FI inal FP production, e Weight lbs/ft 42# 23# 10.5#	tc. CASING Setting depth 128' 1198' 3416' 1 per 1 per 1 per 1 per	5 5 5 6 RECORD Type Committee Commit	0-50 8-58 RD (Never on on on on on poz C. PERFO	Sacks 140 75 275 100	3%CC 3%CC 3%CC 3%CC 3%CC 3%CC 3%CC 3%CC	geth interval 4 per 2780
Interval: 313 Initial BHP Final BHP Report of all strin Purpose of string Inductor String Inductor String Induction Top, ft.	950 734 gs set — surface, Size hole drilled 17 1/4" 8 5/8" 7 7/8" LINER RECO Bottom, ft. TUBING RECO Setting depth 2930"	In Fine intermediate, Size casing se (in 0.0.) 13 3/8" 8 5/8" 4 1/2" RD Secks of ORD	nitial FI inal FP production, e t Weight lbs/ft 42# 23# 10.5#	tc. CASING Setting depth 128' 1198' 3416' 1 per 1 per 1 per 1 per 4 per	S RECOF	0-50 8-58 RD (New percent) On On On On Percent Perfo	Sacks 140 75 275 100	38CC 38CC 38CC 38CC 315C 315C 3105 3105 3044	9pth interval 4 per 9-51 @ 2780 3-24
Interval: 313 Initial BHP Final BHP Report of all string Purpose of string Inductor String Inductor String Induction Top, ft.	950 734 gs set — surface, Size hole drilled 17 1/4" 8 5/8" 7 7/8" LINER RECO Bottom, ft. TUBING RECO Setting depth 2930 1	In Fine intermediate, Size casing se (in 0.0.) 13 3/8" 8 5/8" 4 1/2" RD Secks of ORD	nitial FI inal FP production, e t Weight Ibs/ft 42# 23# 10.5#	tc. CASING Setting depth 128' 1198' 3416' 1 per 1 per 1 per 1 per 4 per	S RECOF	0-50 8-58 RD (New percent) On On On On Percent Perfo	Sacks 140 75 275 100	38CC 38CC 38CC 38CC 315C 315C 3105 3105 3044	geth interval 4 per 2780 3-24 per 4-46 @ 2720 3-50
Interval: 313 Initial BHP Final BHP Report of all string Purpose of string Inductor String Inductor String Inductor String Induction Top, ft.	950 734 gs set — surface, Size hole drilled 17 1/4" 8 5/8" 7 7/8" LINER RECO Bottom, ft. TUBING RECO Setting depth 2930'	In Figure 1	nitial FI inal FP production, e t Weight Ibs/ft 42# 23# 10.5#	128' 1198' 3416' 1 per 1 per 1 per 1 per 1 per 1 per	G RECOMME 60/4 A.S.	0-50 8-58 RD (Never per cement) On On Opoz C. PERFO	Socks 140 75 275 100 PRATION REC	3%CC 3%CC 3%CC 3%CC 3%CC 3175 3150 3123 3109 3044 2946	9pth interval 4 per 9-51 @ 2780 3-24 9 per 1-46 @ 2720 vel treated
Interval: 313 Initial BHP Final BHP Report of all string Purpose of string Inductor String Inductor String Inductor String Induction Top, ft. Sixe 2" 750 gallon according	950 734 gs set — surface, Size hole drilled 17 1/4" 8 5/8" 7 7/8" LINER RECO Bottom, ft. TUBING RECO Setting depth 2930 ' Amo	In Figure 1	nitial FI inal FP production, e t Weight Ibs/ft 42# 23# 10.5#	128' 1198' 3416' 1 per 1 per 1 per 1 per 1 per 1 per	G RECORD COMMING 60/4 A.S. 11 11 11 11 11 11 11 11 11 11 11 11 11	0-50 8-58 RD (Never per cement) On On Opoz C. PERFO	Sacks 140 75 275 100 PRATION REC	3%CC 3%CC 3%CC 3%CC 3%CC 3%CC 3%CC 3%CC	9pth interval 4 per 9-51 @ 2780 3-24 9 per 1-46 @ 2720 vel treated
Interval: 313 Initial BHP Final BHP Report of all string Purpose of string Inductor String Interval: 313 Initial BHP Initi	950 734 gs set — surface, Size hole drilled 17 1/4" 8 5/8" 7 7/8" LINER RECO Bottom, ft. TUBING RECO Setting depth 2930' Amo	intermediate, Size casing se (in 0.0.) 13 3/8" 8 5/8" 4 1/2" RD Secks of the process of the p	nitial FI inal FP production, e t Weight Ibs/ft 42# 23# 10.5#	128' 1198' 3416' 1 per	G RECORD COMMING 60/4 A.S. 11 11 11 11 11 QUEEZE	0-50 8-58 RD (Nev pe cement On On O poz C. PERFO	Sacks 140 75 275 100 PRATION REG Size & type I,J,K G Zon 2720—	38CC 38CC 38CC 38CC 38CC 38CC 31CC 315C 315C 3105 3044 2946 Depth inter	9pth interval 4 per 9-51 @ 2780 3-24 9 per 1-46 @ 2720 vel treated
Interval: 313 Initial BHP Final BHP Report of all strin Purpose of string Inductor Ind	950 734 gs set — surface, Size hole drilled 17 1/4" 8 5/8" 7 7/8" LINER RECO Bottom, ft. TUBING RECO Setting depth 2930' Amo	intermediate, Size casing se (in 0.0.) 13 3/8" 8 5/8" 4 1/2" RD Secks of the control of the c	nitial FI inal FP production, e t Weight lbs/ft 42# 23# 10.5#	Setting depth 128' 1198' 3416' 1 per 1 per 1 per 1 per 4 per 4 per CEMENT S	G RECOMME COMMING 60/4 A.S.	0-50 8-58 RD (Nev pe cement On On Opoz C. PERFO	Sacks 140 75 275 100 PRATION REG Size & type	3%CC 3%CC 3%CC 3%CC 3%CC 3175 3156 3123 3105 3044 2946 Depth inter	9pth interval 4 per 9-51 @ 2780 3-24 9 per 1-46 @ 2720 vel treated
Interval: 313 Initial BHP Final BHP Report of all strin Purpose of string Inductor String	950 734 gs set—surface, Size hole drilled 17 1/4" 8 5/8" 7 7/8" LINER RECO Bottom, ft. TUBING RECO Setting depth 2930' Amo	intermediate, Size casing se (in 0.0.) 13 3/8" 8 5/8" 4 1/2" RD Secks of the product of the p	nitial FI inal FP production, e t Weight lbs/ft 42# 23# 10.5# TURE, SHOT, f material used ing method (floumping Gas	Setting depth 128' 1198' 3416' 1 per 1 per 1 per 1 per 4 per 4 per CEMENT S	G RECORD COMMING 60/4 A.S. 11 11 11 11 11 11 11 11 11 11 11 11 11	O-50 8-58 RD (Nev pe cement On On O poz C. PERFO	Sacks 140 75 275 100 PRATION REG Size & type I,J,K G Zon 2720 A Zon Grav	3%CC 3%CC 3%CC 3%CC 3%CC 3175 3156 3123 3105 3044 2946 Depth inter	geth interval 4 per 2780 3-24 per 4-46 @ 2720 3-50 vol treated
Interval: 313 Initial BHP Final BHP Report of all strin Purpose of string Inductor String Indu	950 734 gs set — surface, Size hole drilled 17 1/4" 8 5/8" 7 7/8" LINER RECO Bottom, ft. TUBING RECO Setting depth 2930' Amo	intermediate, Size casing se (in 0.0.) 13 3/8" 8 5/8" 4 1/2" RD Secks ORD Packer ACID, FRAC unt and kind of	nitial FI inal FP production, e t Weight lbs/ft 42# 23# 10.5# TURE, SHOT, f material used ing method (floumping Gas	Setting depth 128' 1198' 3416' 1 per 1 per 1 per 1 per 4 per 4 per CEMENT S	G RECORD COMMING 60/4 A.S. 11 11 11 11 11 11 QUEEZE	O-50 8-58 RD (Nev pe cement On On O poz C. PERFO	Socks 140 75 275 100 RATION REC Size & type I,J,K G ZOD 2720 A ZOD Grav 55 bbls.	38CC 38CC 38CC 38CC 38CC 3175 3156 3123 3105 3044 2946 Depth inter	geth interval 4 per 2780 3-24 per 4-46 @ 2720 3-50 vol treated