FILE SEC 15 T 30 R 7W BOOK PAGE 41 UNE 15

STATE OF KANSAS STATE CORPORATION COMMISSION

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
211 No. Broadway
Wichita, Kansas

WELL PLUGGING RECORD

CASING RECORD TO SIZE FUT IN FULLED DUT AND SIZE FUT IN FULLED DUT CASING RECORD TO SIZE FUT IN FULLED DUT AND SIZE FUT IN FULLED DUT CASING RECORD CASING RECORD TO SIZE FUT IN FULLED DUT CASING RECORD TO SIZE FUT IN FULLED DUT AND SIZE FUT IN FULLED DUT CASING RECORD FULLED DUT IN THE FULLED DUT CASING RECORD TO SIZE FUT IN FULLED DUT AND SIZE FUT IN FULLED DUT CASING RECORD FULLED DUT IN THE FULLED DUT THE CASING SIZE FUT IN FULLED DUT FOR THE FULL SIZE FUT IN FULLED DUT FOR THE FULL SIZE FUT IN FUT IN FULL SIZE FUT IN FUT	NORTH	Location as "N	E/CNIWASWAW	faat f	NTLT / !.	CMP /1. NTD /1.	
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-1	FORM 303,34	3M 8-9-54		THE PU	JRE OIL COMPANY
re	!!!			WELL LOG	AND RELATED DATA
	DIVISION S	. W. Pro	oducing	DISTRICT Buffal	o LEASE Hopper, R. A.
	ACRES2	80	EASE NO.	14057 AFE No. 2260	ELEVATION Grd. 1427' D.F. 1433' WELL NO. 2
2	C&X-SEC	15		TWP. 30S RGE. 7 W	PRCTDISTTWP,
	SURVEY_(R	ago-Bel	nont P	rospect)иту Kingman	state Kansas
[og	LOCATION
	FROM	то	TOTAL	FORMATION	3630 FEET NORTH OF SOUTH SECTION LINE
					4290 FEET EAST OF WEST SECTION LINE
	(Samp	le data	begin	at 2900')	
		7~	7.0	G. 1	990feet west of east section line
	0 65	65 180	65 115	Sand Sand & Red Beds	NORTH
	180	866		Shale & Red Beds	
	866	2900	2034		
	2900	3000	100		
	3000	3032	3,2		$ec{arphi}_{i}$
				green & Limestone,	. KEST
	3032	3150	118	tan, crystalline. Limestone, white to	× × × × × × × × × × × × × × × × × × ×
	عرب ر	J±J0	1110	gray white to light	
				tan, crystalline -	
				chalky & shale, blac	k
	מזלס	2070	3.00	to gray.	
	3150	3,270	120	Shale, medium gray, micaceous to silty-	
				sandy w/ trace broke	
				limestone.	CASING AND CEMENTING RECORD
	3270	LANSI		(Geol. Top)	SIZE CASING
	3270	3388	118	•	THREAD 8 Rd. 8 Rd
				cream-gray white, crystalline to chall	
				w/few shale breaks	CONDITION C/A C/A
	3388	3408	20		SET AT 175' 37LO'
				oolitic & oocastic,	SACKS CEMENT 200 150 $12\frac{1}{4}$ $7-7/8$ "
				fair porosity, poor	
	3408	3542	134	permeability no shou Shale, med. gray,	
	5400	5746	154	lime w/thin lime ste	aks Temperature survey ind. top cmt. behind 5 csg
					LINER RECORD 285
	3542		S CITY		SIZE WT. COND. LENGTH BLANK PERF. SET AT
	3542	3600	58	•	
				white, crystalline t	
				trace dead asphaltic	GUN PERFORATING RECORD
				stain w/some grav sh	DATE CASING FROM TO SIZE SHOTS NO. SHOTS
	3600	3676	76	Limestone, tan-cream	1 3 - 2 - 50 55" 3/30 3/39 1/2" 12 (BIRG
				white, crystalline	3- 3-56 5½" 3672' 3680' 1/2" 32 3- 5-56 5½" 3672' 3677' 1/2" 20
	3676	3680	Ъ	chery w/some chalk Limestone, light gra	$1.5 - 15 - 56$ $5\frac{1}{5}$ " $35\frac{1}{1}$ 80
	7070	3000	4	light tan, crystalli	SHOT OR ACID RECORD
				oolitic, oocastic,	
				some vugular por.;	2-28-56 3740' 3742' 200 gals. Mud Acid 3- 2-56 3736' 3739' 200 gals. Mud Acid
				poor-fair perm.,	n n m/ n/m n n n n n n n n n n n n n n n n n n
				some cavities chalk filled, some contain	HE 16 E6 1 25181 35681 2000 Middlide50000 RetordedAdt
				oil, spotted good cu	TORILLING: COMMENCED 2-17-56 COMPLETED. 2-25-56
				spotted poor-fair	ELECTRICAL SURVEY BYCH LUMBERGET (Laters 10g) 2-25-50 (L)
				fluorescence.	DRILLED WITH (Noble Drilling Co.) Rotary Tools

	(Samp	le data	begin	at 2900')				1650		rsol	тн о	F NOR	TH SEC	TION L	INE
	0	65	60	Sand				990	FEE	T WE	ST OF	EAST	SECTION	1 LINE	
	0 65	65 180	65 115		•				но	RTH			-		
	180	866	686												
	866														
		2900	2034												
	2900	3000	100									ø,			
	3000	3032	32										-1		
ł				green & Limestone,		EST					}		₹ST		
ľ	2020	מת למ	ם ר ד	tan, crystalline.		3				l			ΕA		
	3032	3150	118	_											
				gray white to light						ļ. <u></u>			_		
				tan, crystalline -],_										
P				chalky & shale, blace	ĸ										
	מזלס	2050	7.00	to gray.				1		<u> </u>					
	3150	3270	120						so	UTH					
ľ				micaceous to silty-				S	CALE 2"	=1 N	TILE				
H				sandy w/ trace broke			~ A C1N		ND CE			PEC	280		<u> </u>
•	2.02.0	TANKON	N.C	limestone.	SIZE CASING				5-1/		-1816		SIND		
_	3270	LANSI		(Geol. Top)	THREAD			Rd.		Rd.	···				
	3270	3388	118	_	WEIGHT		21#		1 1				-,		
١				cream-gray white,			J-		J-1			· -			
				crystalline to chall	CONDITION		C/.		- c/i						
١	6000	21.00		w/few shale breaks	SET AT			<u>7</u> 5'	3740						
	3388	3408	20		SACKS CEM	FNT		00	150						
				oolitic & oocastic,	SIZE OF HO			$\frac{2\frac{1}{4}}{2\frac{1}{4}}$	7-7			<u>.</u>			
				fair porosity, poor				-4	/	<u> </u>					
۱	61.00	n (*)	3°4-1	permeability no sho	•										
۱	3408	3542	134	Shale, med. gray,	Т	20.22	- 1222.6		mrour '	امط	+ 0	2 0 2	- ha	hind	54 00
١				lime w/thin lime ste	aks. lem	je rel	<u>vare</u>	SU.	rvey . Liner	BEC	. OBD) (III)	u De	### (()(28
۱	251	7/ 1370	a creat	(O3 M-)	SIZE	w.T.	CON		LINER		BLAN		PER	F,	SET AT
	3542		SCITY												
	3542	3600	58									77777			
				white, crystalline	°								·		38
				chalky, occasional			GL	N B	ERFOR	ATIN	IG R	COR	D		
				trace dead asphaltic	DATE	C.A	SING		FROM	Т(SHOTS	NC	, SHOTS
	0.600	2/5/	- C	stain w/some gray s	12. 2.56		<u></u>		37361			1/2			(Blkd
۱	3600	3676	76		3- 3-56		<u>.</u> 11		36721			$\frac{1}{1/2}$		3.2	
				white, crystalline	3- 5-56		<u>.</u> 11		36721			1/		20	
•	2/2/	2 (0 0		chery w/some chalk	1/				35181		68	1/		80	
-	3676	3680	4	Limestone, light gra	<u>, , , , , , , , , , , , , , , , , , , </u>				OR A					- 00	
۱				light tan, crystall	DATE	то		вотт		HOT-A			RÉ	MARKS	
١	*			dorrere, occasere,	2-28-56				21 2	_		М		-	
۱				some vugular por.;	3- 2-56				7 7						ā, <u>""</u>
۱				poor-fair perm., some cavities chalk	3- 3-56	36	721	3680		200	ىلەچ. ئامۇ	M	rd Ac	d	
						35	181	3568	31 200	OG N	ludA	id&	5000G	Ret	ardedA
j				filled, some contain oil, spotted good co											
۱				oil, spotted good cu	ELECTRICAL S	IDVEY	Sch	lumb	erger	~ <i>(</i> T	ater	രിയ) 2	25_5/	5 (1)
۱				spotted poor-fair		(MA)	ו בו	ו לי יינו	llina	C_{α})		Rota:	ľV	Tools
ĺ	3680	3695	15	fluorescence. Limestone brown, fir	ACOBILLED IN W	_{тн} (й	Nob L	e Di	<u>rillir</u>	ıg Ç	(0,)		Rota:	ζу	TOOLS
	٥٥٥٥	2072	10	armentalline to done	FIRST PROD -	MAT D	TC	DT	/ uc	96			BOIC.		. 011
	2605	3697	0	Shale block combon	CACUA	WATER			,	CII E	T. GAS			LRS	ROCK PRESS
	3695 3697		2 20		FIRST BROD	SH	01	TE I	Ory ~	HRS	., and a		RAIS		- ОИ
	3697	3717	40	brown areas arrests	line	WATER				CU - C	T. GAS			186	ROCK PRESS
				brown-cream, crystal occastic in part, po per., slightly chall	COM S /OUL BATIS	TAIER			M	CU. F	IAL I	Jry I	lole ((2)	ecan noca
				por alightly shall	CANALITY		т.	FMD			GRADE				
				per., singuly chair	() \ T.T. 'I	255 ((20		TIE MILE	+	m) (2/22	/E6		
	2777	27.04	0	in part.	(1) Wele									1 €	cilii 2
	37.17	3726	9		1		gged	oc s	0001150	ned		O DE	ne.Lo	1 TO	- AMD
				crystalline w/chert	wel.	•									
4				& trace asphaltic											
4	0 .0 /	2220		material											
	3,26	3728	2	Shale, black, carbor								,			
				(6	CONV	. TO	LSE	. Di	ISP. V	VELI	, 5/	\SU\i	56		
	3728			NE (Geol. Top)											
	3728	3733	5	,											
				cream, crystalline-											
				chalk.											
	الكصوص														

DATE ABANDONED-SOLD

FŔОМ	`то	TOTAL	FORMATION	FROM	τ ο	TOTAL	FORMATION
3733	3740	7	Limestone, tan, crystal- line to cream chalk, tra		e & PB: Circula	ted sa	2-29-56 - 3- 2-56 Lt water out of 5\frac{1}{2}" csg.
	ļ		oocastic porosity no she gold/fluorescence, no		and loa	ded ho	le to surface with 102 et Halliburton HRC packer
			cut w/shale.		on 2-3/	3∥ tub	ing at 3723, and squeezed
3740	3742	2	Limestone, light tan- light brown colitic to				into formation 3740-3742 O# squeeze pressure and
			oocastic, fair fluores-		held wi	th no	break-back. Drld. cement
			cence light to fair state good cut when crushed.	,	3727-37	μO, ne	v plugged back total dept
3742			TOTAL DEPTH	Perfo			3- 2-56 (K. C. Lime) ted 5% csg. in K. C.
	Plugg	ed Bac	k:		Lime fo	rmatio	n 3736-3739 with 12 shots paded hole with 85 bbls.
3742	3740	2 30	Cement		crude o	il. Do	well treated through per-
3740	3710	٥	Bridge plug in 5½" csg.		acid ma	x. tre	6-3739 with 200 gals. mud ating pressure 1000#, mir
3710			TOTAL DEPTH - PB		- let a	cid wo	with 15 bbls. crude oil rk on formation 1 hr.
	ng which	is 3	ken from top of rotary ' above derrick floor)		swabbed bbls. 1		st recovered all but 10
	- Plugd	ed Bac	k:	p p			
ADDITI	ONAL WEI	L DATA	C.I.BridgePlug in 5½"Csg TOTAL DEPTH - PB	1. D.	Welex s	et bri	ige plug @ 3710, new
ANGULA	R DEVIAT	ION:					total depth. Loaded hole crude oil. Welex then
Depth		egrees Verti			perfora	ted 5호	csg. with 32 shots, 4 C. Lime 3672-3680 and
180		3/4	2200 1/4		treated	throu	gh perforations with 200
550		0	2470 3/4		Swabbed	well,	at max. 425#, min. 125#. recovered all but 26 bbl
1000 1339		3/4 3/4	2855 1 3100 1-1/2		load oi	1.	
1690 2130		1	3354 1 3585 1-1/4	Reper	orate:	2010 11	3- 5-56 (K. C. Lime) ith 62 bbls. oil. Welex
	enness mass		7707 1-1/4		perfora	ted 5불	csg. with 20 shots, 4 k. C. Lime 3672-3677. Sw-
	STEM TES				shots/f	t. in n test	K. C. Lime 3672-3677. Sw- , recovered all but 28
2-24-5	5		3658–3681 (K.C. Lime) Singler packe:	di –	bbls. 1	pad oi	 Halliburton spotted on top bridge plug. Well
tool o	oen 1 hr	. fair	blow thruout test, re-				d for possible SWD use.
mud -	IFP 30#,	FFP L	light oil and gas - Cut 5#, S.I. BHP 1512# (Hy-	ONV.			WELL 5/10/56 - 5/20/56 & found top fluid ₹ 320
	tic pres				& top o	ement	3414. Washed out soft
2-25-5	o e		3730-3742 (K.C. Lime) Tool open 40		3525. I	pols s	k drld. cement plug 3420- wing free to 3709. Welex
			face immediately, strong es - Recovered 50' heavy				ge plug 🕅 3610,ncw PB TD. g. wf 80 shots, ½ per ft.
gas and	l slight	oil c	ut mud, 30' heavy oil		3548-35	58. Se	2-3/8" tubg. 3 35/15. ith 40 bbls. SW. Dowell
and 60	free d	il wit	' slightly oil cut mud h trace water - IFP 30#,		treated	Kansa	s City Formation thru
			SI BHP 1435# (Hyd. press		mud aci	1 & 50	8518-68 with 200 gals. 00 gals, retarded acid.
					Max. pr	essure	1100#, min. 375#.Flushed bbls. SW. Tested well
ACID:			2-28-55 (K. C. Lime)		for inp	it rat	e for 8 days. Well taking by gravity, in 24 hrs.
	5출" csg mix. Dr	. set	at 3740 with 150 sx. Poz- cement 3699-3740 and		Lease p	roduce	d approx. 105 bbls. St
	washed	out so	ft cement 3740-3742. Load bbls. crude oil. Dowell	led	per day		
	treated	к. с.	Lime formation 3740-3742		BEFORE: AFTER:		Dry Hole Lease Disposal Well
	pressur	e ひりO#	. mud acid. Max. treating, min. 700#. Let acid wor	k Acid			7/21/56
	on form	ation	30 minutes. Flushed tubg. crude oil. Swabbed on te		Dowell 27/8" t	numped ubing	630 gals. 15% acid down set at 3545', at 2007
			load oil.		pressur	₃. Con	nected well to disposal
							ned injection. Well Takin duced by lease, by gravity.
					Before:		79SW/Day(gravity) LO5SW/Day(gravity)
					a cer:		LOSOW/Day (gravity)

- B - --

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€ Corm 248A	and B Cont'd	1M 8-27	15 C-9795	R.	A. Ho	pper	Well #2			Sheet	#2
FROM	ТО	TOTAL		RMATION		FROM	то	TOTAL	FOR	MATION	
Acid:	Well table by grave X acid perform at 375# SW. Let all SW. INJ. BE	ty. I down 2- tions i pressu acid s	2/18/57 prox. 140 powell Inje 7/8" tubin n 5½" casi re. Flushe stand 1 hr.	cted 500 g through ng 3548-3 d with 24 Well now SW,by gr	gals. 568 bbls taki avity						
	INJ. AF	TER:	180 bbls.	SW,by gr	avity						
					5						
					ig.						
					ţ						
					14						