STATE OF KANSAS
STATE CORPORATION COMMISSION
Give All Information Completely
lake Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission

WELL PLUGGING RECORD

State Corporation Commission 212 North Market, Insurance Bldg. Wichita, Kansas	(Clark	Count	y. Sec. 5	34S p.	(E)	25,,,,,
NORTH			or footage fro	om lines SW/4	SW/4 NE/	14 (E)_	(W)
	Lease Owner_	Skelly	Oil Co	mpany			
	Lease Name	Theis		017.1		Well No	1
	Office Address_			sa, Oklah			
			as Oil, Gas o	r Dry Hole)	March 15	7	57
	Date well com	plugging filed			August 2		19 51 19 61
1 50 1		plugging approv	red		Septembe		19 61
		nenced			Septembe		19 61
	Plugging comp	leted			Septembe		19 61
		ndonment of wel	l or producin	g formation	Not econo	omical	to
	operat				0 1	2.0	(2
				st production		(2.5 M. (II), A.D. (150) M. A.D. (151) M. (IV)	19 61
Locate well correctly on above	menced?		the Conserv	ration Division of	its agents befor	e plugging	was com
Section Plat Name of Conservation Agent who super				k Broadfo	ot		
Producing formation Mississ	ippi Lime	Depth to top 5	530 Botton	2	Total Depth of V	Vell 604.	l½ Fee
Show depth and thickness of all water,					PI	5550	•
OU CAS OR WATER RECORD	C					ACING DE	CORP
OIL, GAS OR WATER RECORD	3			Table Transport	Ci	ASING RE	CORD
FORMATION	CONTENT	FROM	TO	OD SIZE	PUT IN	PULLED	
Mississippi Lime	Gas	5532	55551	13-3/8"	370 0"	Nor	Charles and the second second
***************************************		55881	56101	8-5/8"	6080 0"	1644	
				2-1/2	0080.0.	4197	
							50 AC
Describe in detail the manner in	which the well was	plugged, indicati	ng where the	mud fluid was p	laced and the me	thod or met	thods used
in introducing it into the hole. If cem							feet to
feet for each plug se	t.						
10 sa	cks of ceme	n+		5550° to	54701		
	nd gel	enc		5470° to			
	bridge			2200° to			
	cks of ceme	ent		2190 to			
Mud				2130° to			
Rock	bridge			350° to	3401		
	cks of ceme	ent		340 to			
Mud				320' to			
	ed rock			30 to			
지하고 경기하는 경기에 있는 경기에 가는 경기에 가장 가장 되었다. 그는 그 전에 되었습니다. 경기에 가장 보다 하는 것이 하나 있습니다. 이 기계를 하고 있습니다.	cks of ceme	ent		201 to			
Suria	ce soil			4º to	Surface		
					10 m		
					STATE	3-	
					- CORPO	05 / V	The L
					0.00	TON CO.	12.0
					CO: UCT	26.	115S10A
					CONSERVATI Wichita	196	1
	(If additions	l description is neces	sary, use BACK	of this sheet)	Wichita	ON Due	
	ce Pipe Pul	ling Comp	pany		Wichita,	Kansas	ION
AddressG	reat Bend,	Kansas				-42	
STATE OF Kansas	COL	UNTY OF	Ren	0	ss.		
D. E. Smi			employee of	owner) or (XXXX		f the above	-describe
well, being first duly sworn on oath, s	ays: That I have kr	nowledge of the	facts, stateme	ents, and matters	herein containe	d and the	log of the
above-described well as filed and that							
		(Signature)	2	Line .5.			
			207	United	on Va		Salar D. Pa
		_b(ox 391,	Hutchins	on, Nansa	15	
SUBSCRIBED AND SWORN TO before	re me this 25t	h day of	特化上面	October			
						,	
	7 30/0		may.	shine of	Juhnson	Notes	Public.
My commission expires April	7, 1963		// "	(Notary	rubiic.
		THU					

4th

NOR	тн	-		C	וסעו	TV	Ω I	т с		DANIX	
				ons -	NE	e lo lu				PANY	
- 35 p 77 ons 8	a it a swo	Percentage Sec	esias Points.			BOTTO				FORMATION 2102	198
WEST	水,	EAS	Lease N	lame and l	No. /2	is TAT	#3280	00 0	Vell No.	Blev	·DF
		1	Lease D	Description		Sections Court				Service Territor Asset	- bari
			Location	made		24,				***************************************	Awaga a
			AND A S	fe	et from N	lorth line		feet fr	rom East li	ne. 115/4	Maria de la compansión
sou			330)fe	et from S	outh line	330	feet fr	om West li	ne of Sec. 5 g. comp'd 2/22	Trap :
Work com'd 12/		Rig	comp'd	L/A4 292 (E-2293	19	Drlg. con	ı'd	≱idi Madak 1	19 Dr	g. comp'd	19
Rig Contractor Drilling Contractor					NEW YORK OF THE PARTY OF THE PA				Oblah	oma es ses ses	53.6
Rotary Drilling from		01	to			_Cable Too				to to	
Commenced Producing	ng	rch 1	5,	COLUMN ACCOUNT OF THE PARTY OF		od. before s					Bbls.
Dry Gas Well Press				\$3.55 ED	330/		Volume			783,000	Cu. ft
Casing Head Gas Pr	essure	A = 10				Service Control	CONTRACTOR STATE OF THE STATE O				Cu. ft
Braden Head (13	-) / 8 ¹ 3	(0-)/9									Cu. ft.
Braden Head	27 00 000	76 TO SEC.	Gas Pre	ssure		5881	Volume	561		6041%*	Cu. ft.
PRODUCING FORM	MATION	Miss	issipp	oi Lim		5321	Bottom		E *	TAL DEPTH PB 597	71
7-7		Notice Seeming	(Name)	13,515,60	0.00	RECORD					25.482 A
met	Where	e PL	JLLED OUT	1	LEFT IN	Milled S	The Street	1		CEMENTING	
Size Wt. T	hds. Set	Jts.	Feet	In. Jts.	Feet	In.	KIND	Cond'n	Sacks Used	Method Employed	
8-5/8 24 8	J - 370	* mg/m//	Barrella and Salah	71	370 2229	0 R3	5 R2 :	E A	225	Halliburton	10.00
5-1/2 15 81	l l	(Lot	(494)	11	350	0 35	5 86	A			
5-1/2 14 51	R	9 2 25 7	/	56	1811	0 114	0 R2	90 A		and the second of the second	7
5-1/2 14/10	OV		C description of	116	3510	3 00	R2 51	C	110	er kon sinds .	
5-1/2"1548	R 603	Control of the Contro	t #94.) 13 a coll	409	0 J5	5 HZ :	in	300	. and 50 case	No.
to develok	floor	18 50	casir		atc A	ed fro	m 5581		10, 3	6 holes, 5532	55
Lin	er Set at		Ţ	ength		Perforate	d at		Dr	with 96 hole	16)
	er Set at			ength		Perforate		87,	ATE CO.	Property and a	6130.3
Packer Set at		Si	ze and Kin	nd		20 A			-onrul	RATION OF THE STATE	\$1.75. T.
Packer Set at		Si	ze and Kin			1445		Cn	UC7	26100101	
	I		SH	OT OR	SHOW AND	REATMEN	T RECO		WISHAT	ON DESCRIPTION OF THE PROPERTY	
Date	2/2	FIRST 18/51		3/	SECOND 1/51		3,	THIRD /2/51	o conita,	Kansas FOURTH	
Acid Used Size Shot	1500)	Gals. Qts.	60	000	Gals. Qts.	150	00	Gal. Ots		Gals.
Shot Between	5588	Ft. and	5610 Ft.	5588	Ft. and	5610 Ft.	5532	Ft. and	5555 F	The state of the s	Qts.
Size of Shell								•	44 (48)	A Parists on English	Principle Principles
Put in by (Co.)	POWE	11 Iz	ic.	*	owell	THC.	279	owell	inc.	extinue o	Cost
Length anchor Distance below Cas'g	State Services		er is de sector yet		Anopolic Control		Acceptant			21505 556	Contraction in
Damage to Casing											Angele B
or Casing Shoulder			SIGNI	FICANT	GEOLO	GICAL FO	ORMATI	ONS		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	47 FEB.
NAME		Top	Bottom -	G	AS	0	IL			REMARKS	
heebner Sh	ale	4280)	From	То	From	То			REMARKS	
Toronto Li	me	4290					518.6			elene see	SERVICE AND
Lansing Li	ae 440	53*			Kulik-				O.	ide one swill t	13-37 P
Marmaton Mississipp		5097	ranged and constitution	ERRA	Contract to	And the first		60	s oder	NOTE AND DESCRIPTION OF	ALCO AL
era ou a o ma pige	*	55301		5587	5605			Ga		(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	海拉克 信用不
				5605	5609	3.0	14 m 17 m	Gas	bubbl	es and odor	CO.
Page 1							7.200			acknown bires	300
				CLEA	INING C	OUT RECO	ORDS			w Feetla Porsa	
- The second of	DATE CO	OMMENCE	D DAT	E COMPLET	red	PROD. BEF	ORE	PROD	. AFTER	REMARKS	
1st 2nd		engas to b	f Face A	for any	20	la form	esty entry to y	ans to		See Reverse for other	details
3rd		121000	The Contract	1000	46 3			13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		3) 3) 3) 3)	"
4th the same	D. L.E. C.		September 1	57), (SA 2)	6.32		Pata A	TO THE T	07.76	" " "	"
The A			DITTO	INC PA	CK AND	DEEPEN	graph.)	COPDE	THE MEM	10 m 11 1204	
	100	4	PLUGG	MIG DA	OIZ TAITE	TATELL LIA	ING REC	CINDS		A. 43	
	Date Comr	menced	Date Compl	1 1	No. Feet Pluggack or Deeper	red	od. Before	100	rod, After	REMARKS	
1st	Date Comr	menced		1 1	lo. Feet Plugs	red	The second secon	100	rod, After	REMARKS See Reverse for other	details

FORMATION 01008	TOP	воттом	Indicate Casing Points	REMARKS s, Describe Shows		d Water, etc.
rface soil and sand	0	40	Lease Name and No.	The state of the s	I J×L	
d bed and sand d bed, sand and shells	250	250 450	lease Description and Cemo	nted 13	-3/8"	D. LL.
The second secon			R-3, Armco,	0.W., 3	.J. ot	
aned 11" hole to 17-1/4"		a North line	(A cond.) at coment. Com			THE RESIDENCE THE PROPERTY OF THE PARTY OF T
d bed, salt and anhydrit	e 450	are an are	ort teel		8007K	
d bed and anhydrite d bed, anhydrite and sal	959 \$ 985	1370	er b'qm	os gis co		com'd
ale and gyp	1370	1495				obrración.
d bed and anhydrite d bed, lime and shells	1635	1738		1/1		ng Contract
ale and anhydrite	1758	1840			- Luci	TognillarQ o
hydrite and shale	1893	1995	Initial 12 01 1	1 10 10.	L = Brilly	Boda Peod
mo	1995	2061	ore-min		2.5	aas Well Pr
me and anhydrite me and shale	2001	2124			h Pressure	g Hend Gar
me and anhydrite	2172	2211	Set and come	nted 6-	5/6" O), 240,
.00	Volume		SR thd. R-2 casing (A co	nd-1 at	Toung	stown :
A SAN THE SAN			sacks of cem	ent. H	allibu	rton
HTTHU MATOT	Волов		Comperature	Survey	showed	top of
10	2211	102240 W				
me and anhydrite	2240 2297	2297	THE OUT LINE	interes profits	NV SATE	Nose Wr.
me and anhydrite	2377	2411	Upper Herrin	ston 24		
lme, send and shale	2411	2513	HERVINGTON ?	658Y		48 81
	1 85 30	6 0 be		24801		aris\z
ime and shale	2513	2588	TOP DOYLE 25	201		
ime, shele and sand	2588	2715	KOP PP. SHIPLE	12600	E POST	
postudenten det h			TOP PLORENCE	2662		CAMPA
me and sand	2715	2781	TOP WESTOND	whole-frequency and an artist of the control of	38.00 25 4,0	
rey lime	2781 2984	2984 3068				
me and sand me, sand and shale	3058	3162	. Length		Liper Set	
me and shall a	3162 3248	3248	Length		Liner Set	r Set at
ime and shale	3552	3552 3610		Size		r Set at
me and shale	3610 CRC3662 V	3662	SHOT OR ACIL	Compress police considers		
ue shale and sand		3750		FUSIC		7.77
nale, shells and sand	3750			16/68	,1	
igle and suctra	3839	3839	5000 HB			beet beet
mey chale and shale	4059	4123	10 E #285 Ft an	bens of t		Зстысец
indy shale and lime	4123 4186	4238		esta taras		EShell
iale and lime	4238 4381	4381	TOP HEERNER'	CIME 42	COMMISSION ACCORDING TO SEE	by (Co.)
me and shale	4453	4499	process of the manufacture of the contract of		CONTRACTOR OF THE PARTY OF THE	anchor ce below Co
Lime me and shale	4499 4623	4623 4653				ge to Caung sing Should
The state of the second section of the section of the second section of the section o	MO1465201	1706	SIGNIFICANT GEO	s, leg, so magazirin so., Cres		purent son
iale and lime	4706 4819	4819 4835	axe exe	1	1000	MANAGE 1.40
indy lime	4835	4880	Borron From T	qoT	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 PEON
erty lime and shale	4880	4918		***************************************	10 10 10	
ndy lime and shale	4929	4953		1	1.000	eutre
ale and lime	4953 5121	5121 5202	TOP HARMATON	.50971		CETAL NUMBER
me and shale	5202	5238		PORRE	127	In elect
me and shale was the first	5238	5262	4			建作品
mo	5252	5320 5347			The state of the s	
me and shale	5347	5375				Appendix.
me and shale	5375 5401	5550 5550	TOP WISSISSI	PPI LIM	55301	
PROD. AFTER REMARKS		IB XIONY				1946
red from 5550' to 5605' . First 5' - Grey to but			ine and fossi	liferou	s 11ma.	98" 1 285 2 2 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
slight por	osity and	llight	gas odor in fi	reshly	broken	core.
Next 5' - Grey to day grey to gre	rk fine (prystall	ine dense lim	e and si	nale wi	lth
Next 7' - Dense grey	line	asaga avu	PLUGGING, BACK I	THE RESIDENCE OF THE PARTY OF THE PARTY OF	and the second surprise to the	CONTROL OF THE PROPERTY OF THE
Next 7' - Dense grey Next 8' - Dark grey Shaves elightly po	o brown,	fine c	rystalline, v	ery fos	dilifer	ous,
obliext Bloom - Orey and gr	reen shal	le and 1	ime			
Last 17' - Grey and bu	CARLO SERVICE CONTROL OF THE PARTY OF THE PA					

Porm NATA Rev.

Ran Halliburton drill stem test, packer set at 5514', used 91' of anchor, open 1 hour, recovered 90' of gas cut mud. Gas gauged 62 M.C.F. 19 60 60 same age has id the same of a ma BRP-1550s . Washa

Gored from 5605' to 5622' - Recovered 17' Top 42 - Brown to grey, fine crystalline and fossiliferous lime with slight porosity and slight show of gas.

Next 3' - Grey and green shale

Los in confine other actor, and fie

Mext 1' - Grey to green lime shells

Next 7 - Grey to green, soft shale with few scattered lime breaks Last 12' - Grey to brown fine crystalline lime, no porosity or shows.

Drilled:

Lime
Lime and shale

5621 5639

Kan Halliburton drill stem test,

Lime and shale 5665 5946

bios to erolica fact petro gator line

shale 5665 5946 BMP-40%.

TOP MERAMEC LIME 5790'
TOP ST. GLABVIAVE LIME 5872'
Fartial loss of circulation at 5905'. twing rest of talks ally arroad carry Ran Halliburton drill stem test, minimise waters - being packer set at 5665', packer did not hold. Pulled and reran tester and set packer at 5635' with 311' of anchor. Good blow for 15 minutes, method of the naloge ourself the count pole and all blockers

packer set at 5605', used 60' of

recovered 30' of drilling mud,

for 20 minutes, then quit blowing,

decreasing to nothing in 1 hour, no gas to surface. Tool open 1 hour, recovered 2790 of drilling mud. recovered 2790' of drilling mud. BHP-2235# . Mad the State Sections

se and shale 5946 5947 6029 Lime and shale Lime and shale 60414

Ran Schlumberger Survey at 6029'. Set and cemented 409' of 5%" 00, 15% and shale 6029 60412 Set and cemented 409 of 5% 0D, 15% 8R thd. R-2, J-55, Pitts. S.S. casing (Lot #94, A cond.); 3510 of 5% 0D, 14#, 10% thd., R-2, Grade "C", S.S. casing (C cond.); 1811 of 5% 0D, 14#, 8R thd., R-2, H-40, Pitts., S.S. casing (A cond.); and 350 of 5% 0D, 15.5#, 8R thd., R-2, J-55, Pittsburgh S.S. casing (Lot #94, A cond.) at 6031 with 300 sacks of cement. Finished cementhims to another thus salar .. and lise sacks of cement. Finished cement-ing at 12:00 H 2/23/51. Halliburton temperature survey showed top of cement behind 5%" casing at 4200'. also le emplie CEC anion SLM showed top of cement plug et 5977 . at your 20 alarmed Da one

TOTAL DEPTH

60412 PB 5977*SLM

On February 26, perforated 5%" casing from 5880' to 5905' with 96 holes by Lane-Wells. Ran 2" tubing and set Baker retrievable cament retainer at 5854'. Swabbed through 2" tubing 9 hours, could not swab hole down below 1500' from top, swabbed all salt water. While swabbing, lost swab in tubing. Pulled tubing and cement retainer and recovered swab. Reran tubing and Baker retainer, and set retainer at 5674. Cemented off perforations from 5880 to 5905 with 200 sacks of cement, maximum TP-1500/Pulled tubing and perforated 54 00 casing from 5610 to 5588 with 96 Lane-Wells Kone shots, and from 5532' to 5555' with 96 Kone shots. Ran 2" tubing with Baker straddle zone packer and set packer at 5612'. February 28, treated with 1500 gallons of Dowell "K" acid from 5588' to 5610' as follows: d tolde la nivitad da bno

1 - Between 5588' and 5610' Treatment put in 2/28/51 by Dowell Inc., using 1500 gallons of acid

TIME	CP	water to	REMARKS
6:25 am 6:48 am	400	400	Start acid in tubing 1500 gallons of acid in tubing, hole loaded
6:51 am 7:00 am	300	300 1200	Start pumping acid in tubing Fluid break in formation
7:15 am 7:20 am	375 200	1300 2500	Start flush Perforations plugged
ed arrion	B SOLUTION	1500	Bleed pressure and repressure tubing
7:37 am 7:42 am	175 175	1500	Perforations still plugged - Bleed pressure to
	dhuarde in	though ofth	Of and start swabbing tubing.

Swabbed out water used in treating and well started flowing. Flowed 5 hours into pits to clean up hole and gas gauged 88 M.C.F. Reacidised with 6000 gallons of Dowell "I" acid as follows:

ACID TREATMENT No. 2 - Between 5588' and 5610'
Treatment put in 3/1/51 by Dowell Inc., using 6000 gallons of acid and 23 barrels of water to flush. TP REMARKS 450 ACO Start pumping acid in tubing 2:22 am 160 300 Tubing loaded 2:25 am 650 1200/ Perforations plugged, bleed pressure to 0/ 3:09 am 4:03 am O Start pumping water in casing

75% Of Start pumping water in casing
Of O 50 barrels of water in casing
Of O Start acid in tubing 4:15 am 4:21 am 100 1200 Perforations still plugged 4:22 am 700/ 1100/ 6000 gallons of scid in tubing 5:23 am 700 1100 Start water flush in tubing 700 1150 23 barrels water flush in tubing 5:23 am

5:33 am

Swabbed well in through tubing, flowed into pits 4 hours to clean hole and gas gauged 480 M.C.F. Reset Baker straddle tool with packer set at 5558' and treated through perforations from 5532' to 5555' with 1500 gallons of Dowell "I" acid as follows:

ACID TREATMENT NO. 3 - Between 5532' and 5555' Treatment put in 3/2/51 by Dowell Inc., using 1500 gallons of scid

and 23 barrels of water to flush. 20 barrels of water in tubing to kill TP TIME <u>GP</u> 9:19 am Open Of Start loading tubing with water to test packer 9:25 am 500 Tubing loaded - Packer holding 8:41 am Open Vac. Tubing loaded - Packer holding Unseat packer to displace water 9:45 am 50 9:51 am 50 Start pumping acid in tubing 9:51 am 50 600 9:53 am 50 1000 10:00 am 50 1200 940 gallons acid in tubing, stop pump, set packers Start acid in tubing 10:00 am 50 10:28 am 50 1500 gallons of acid in tubing, start flush 1200 Flushed with 23 barrels of water

Swabbed out water used in treating, then flowed into pits 3 hours to clean hole and gas gauged 191 M.C.F. Reacidized with 6000 gallons of Dowell "A" acid as follows:

ACID TREATMENT NO. 4 - Between 5532' and 5555' Treatment put in 3/2/51 by Dowell Inc., using 6000 gallons of acid and 23 barrels of water to flush.

TIME CP TP REMARKS

8:45 pm 500 2000 Start soid in tubing

8:51 pm 500 500 Tubing loaded

9:21 pm 500 10500 6000 gallons acid in tubing, start flush

9:33 pm 500 11500 Flushed hole with 23 barrels of water

Swabbed out water used in treating and gas gauged 236 M.C.F. Reacidized with 15,000 gallons of Dowell "I" acid as follows:

ACID TREATMENT NO. 5 - Between 5532' and 5555'

Treatment put in 3/3/51 by Dowell Inc., using 15000 gallons of acid and 40 barrels of water to flush.

TIME OF TP REMARKS

9:55 am 50 100 7.500 gallons acid in tubing

10:27 am 50 1400 12.500 gallons acid in tubing

10:50 am 50 1400 12.500 gallons acid in tubing

11:01 am 50 1225 15.000 gallons acid in tubing, start flush

11:16 am 50 1250 Flushed hole with 40 barrels of water

Swabbed out water used in treating and gas gauged 300 M.C.F. Reset Baker straddle tool with bottom packer at 5612' and top at 5580', and rescidized from 5588' to 5610' with 15,000 gallons of Dowell "I" acid as follows: and andomin english

ACID TREATMENT No. 6 - Between 5588' and 5610'
Treatment put in 3/4/51 by Dowell Inc., using 15,000 gallons of acid

and 40 barrels of water to flush. 700 gallons acid in tubing, reset packers at 5583*-5615* TP Vac. 12:02 am 350 12:56 am 900 2000 gallons acid in tubing 4000 gallons soid in tubing
7500 gallons acid in tubing
9500 gallons acid in tubing
12,000 gallons acid in tubing
15,000 gallons acid in tubing, start flush 400 1000 1:05 am 1175 550 700 1:19 am me Bard 1:30 am 875 海岸 医乳毒素 1200 1:43 am 1000 1200 2:07 am 450 Flushed with 40 barrels of water 2:22 am 1025#

Swabbed out water used in treating and flowed into pits 8 hours to clean hole, gas gauged 589 M.C.F., CP-380% while flowing. Flowed into pits 24 hours, cleaned hole, and gas gauged 732 M.C.F. with 280% CP while testing through 2" tubing. Gas gauged 270 M.C.F. through 52" casing with 350% back pressure on casing.

On March 6, pulled tubing and Baker packers, reran 2" tubing and swabbed well in through tubing. Flowed into pits 24 hours to clean up hole and gas gauged 380 M.C.F. On March 8, flowed through 2" tubing with gate valve pinched 24 hours, gas gauged 324 M.C.F., CP-300%, TP-60%. On March 9, flowed through 2" tubing with gate valve pinched 24 hours, gas gauged 320 M.C.F., CP-300%, TP-60%. On March 10, flowed

through 2" tubing 24 hours, gas gauged 300 N.C.F., CP-300%, TP-60%. On March 11, flowed through 2" tubing 24 hours, 228 M.C.F., CP-275%. TP-50%, and shut in to take BHP.

On March 15, ran BHP survey, shut in 96 hours, static BHP-1320%, TP-1150%, CP-850%, stabilized flow through 2" tubing, gas gauged 734 M.C.F. with BHP-330% to give an indicated open flow potential of 783 M.C.F. of gas per day.

DEPTH SLOPE TEST DATA
ANGLE OF DEFLECTION

2190:
3759:
3/4 Degree

WATER ANALYSIS

Pawhuska Research Laboratory Sample Serial No. - 5195

Analysis No. 2232

Sample from 4653' - Date Received 2-9-51 - Analysis Completed 2-14-51

Chlorides as Cl 123,700 as NaCl 204,000 Sulfates as SO, as CaSO, 951

Sample Serial No. 5242

Analysis No. 2272

Sample from 5880' to 5905' - Date Received 3-9-51 - Analysis Completed 3-13-51

Chlorides as Cl 37,100
As NaCl 61,100

Sulfates as SO₄ 807
as CaSO₄ 1143

mg 6203 200 DE45

MA SATIF

tin Links

的路 福林本產業 DA OFISI wa Stitt 450 AD:SI

revolled as otes -21

tocam harw

margeelsw t Though fires Chara Linux a antidox oc 1 www.life/

. Here'll by Taken to wisered FO:

Date commenced: May 13, 1952
Date completed: August 5, 1952
Flugged back from 5977' to 5550'
PB TD-5550' Date commenced: May 13, 1952

Production before: 3 bbls. water per hour and 783 M.C.F. gas Production after: 3 40 M.C.F. CP-300, no water

Producing from: Mississippi Lime 5532'-5549'

Moved in and rigged up cable tools of Flournoy Drilling Company on May 13, 1952. On May 15, pulled 2% tubing and reran tubing and set
Halliburton HM packer at 5573'. Swabbed through 2" tubing 24 hours, no
gas and 3 barrels of water per hour. On May 17, swabbed through
tubing 24 hours, no gas to gauge, swabbed 1 barrel of water per hour.
On May 18, pulled 2" tubing and packer and set Lane-Wells cast iron
plug at 5575g'. Plugged back with 4 gallons of Cal-Seal from 5575g'
to 5574'. Ran 2" tubing and set Halliburton HM packer at 5512' and
well started flowing, flowed through 2" tubing 12 hours, gas gauged 295 M.C.F.

On May 20, ran Halliburton double Hydrafrac as follows:

HYDRAPRAC TREATMENT No. 1 - Between 5532' and 5555'
Used 300 mothballs
550 Gel agent
20 gallons Breaker agent 1600 gallons kerosene 1200 sand Maximum TP-1700

Swabbed through 2" tubing 24 hours to clean up hole, gas gauged 240 M.C.F., swabbing 1 barrel water per hour. On May 22, pulled tubing and packer and drilled out bridging plug at 55752. Ran 2" tubing and set Baker cement retainer at 5578. Tried to load hole with water and had communication between perforations above and below retainer. Fulled tubing and Baker retainer, reran 2" tubing and set Baker cement retainer at 5505. Cemented off perforations from 5588 to 5610 and from 5532 to 5555 with 150 sacks of cement at 500%-TP. Pulled tubing and shut down for cement to set.

On May 26, bailed the hole down to 2500' and drilled cement plug to 5565'. Bailed hole dry and tested 1½ hours and hole tested dry. Perforated 5½" casing from 5532' to 5555' with 69 Lane-Wells Kone shots, no show of gas. Ran 2" tubing and set Halliburton HM packer at 5505', loaded hole with 73 barrels of water in annulus, then treated with Halliburton acid-frac through perforations as follows:

ACID-FRAC TREATMENT NO. 2 - Between 5532' and 5555'

Used 800% sand 1000 gallons of Halliburton 72% acid 500 gallons of Halliburton 15% acid Of head to the control of the 10 gallons of breaker agent Maximum TP-2700%, CP-500% Time 11 minutes

Swabbed through 2" tubing 24 hours to clean hole, gas too small to gauge. Pulled 2" tubing and Halliburton packer, then swabbed through 5%" casing to clean up hole. On June 2, ran 2" tubing and Halliburton HM packer, set packer at 5505', loaded hole with water and treated with 4000 gallons of Halliburton 15% acid as follows:

7 - Between 5532' end 5555' ACID TREATMENT NO. Treatment put in 6/2/52 by Halliburton, using 4000 gallons of acid order with

and lyu parrels	or water to	TTREE CONTRACTOR OF THE PROPERTY OF THE PROPER
TIME LOC LABORATE	CP TP	REMARKS OF THE PARKS
6:39 pm	在一个人的	Started acid in tubing
6:50 pm	850	300 gallons of scid in tubing
	1000	600 gellons of acid in tubing
6:52 pm		
7:00 pm	850	3000 gellons of acid in tubing
7:05 pm	800	3500 gallons of acid in tubing
7:12 pm 5 5.00	825	4000 gallons of acid in tubing
14. 15. 15. 15. 15. 15. 15. 15. 15. 15. 15		Dinabat Ash ICA bound of coton
7:24 pm	500	Flushed with 150 barrels of water

Swabbed 24 hours to clean up hole, gas gauged 196 M.C.F., CF-3508. On June 4, swabbed to clean up hole 24 hours, gas gauged 196 M.Q.F. swabbing 2 barrels of water per hour. t think it will be to a format

On June 5, swabbed through tubing 14 hours and swabbed hole dry and gas gauged 196 M.C.F. On June 6, pulled 2" tubing and packer and bailed to clean up hole 12 hours, gas gauged 196 M.C.F.

On June 8, ran 2" tubing with perforations on bottom and treated with 8000 gallons of Halliburton 15% acid as follows:

come toward come Charle on automobile and means to the free and the come of th

temption by this age northwester is and the cool of the best of

ACID TREATMENT No. 8 - Between 5532' and 5555'

Treatment put in 6/8/52 by Halliburton, using 8000 gallons of acid and 105 barrels of water to flush.

TIME 2:45 pm 2:50 pm 2:56 pm 3:46 pm Started soid in tubing the tosenesses west 3000 gallons of acid in tubing 2:56 pm O Shut down to fill hole with water
3:46 pm 50 Casing full of water
3:53 pm O Started acid in tubing
3:55 pm O Started flush
4:03 pm 125 Pumping acid into formation Shut down to fill hole with water 4:09 pm mil ica50 issiN :movemention taking acid 4:09 pm 10 10 20 10 20 Flushed with 105 barrels of water

Swabbed through 2" tubing 24 hours and gas gauged 250 M.C.F. with 4 barrels of water per hour. On June 10, swabbed through tubing 24 hours and gas gauged 196 N.C.F. On June 11, treated down annulus with 12,000 gallons of walliburton 15% acid as follows:

Treatment out in 6/12/52 by Halliburton, using 12,000 gallons of acid and 150 barrels of water to flush.

TIME OF THE REMARKS

11:33 am 250 Started 155 acid in tubing
11:42 am 350 Casing full of acid
11:44 am 550 Formation taking acid
11:48 am 0 12,000 gallons of acid in tubing 11:44 am 11:48 am 11:44 am 550 Formation taking acid
11:48 am 0 12,000 gallons of acid in tubing, start flush
11:50 am 500 Formation taking acid
11:58 am 700 Formation taking acid
11:59 am 625% Formation taking acid
12:04 pm 750% Flushed with 150 barrels of water

On June 12, swabbed through 2" tubing 24 hours and gas was too wet to gauge. On June 13, swabbed through tubing 18 hours, gas too wet to gauge, CF-AOO. Shut in June 14 and 15, to build up pressure to clean up hole. On June 16, flowed through tubing 1 hour and 15 minutes and gas gauged 356 M.C.F., flowing CF-38OF. On June 17, pulled tubing and set Baker magnesium bridging plug at 5262' by McCullough Tool Company.

Plugged back with 1/2 sack of Cal-seal from 5262' to 5260'. Perforated 5½" casing from 5220' to 5240' with 60 kone shots by McCullough Tool Company, no shows of oil or gas. Ran 2" tubing with perforations on bottom and treated with 1000 gallons of Halliburton 15% scid as follows:

ACID TREATMENT NO. 10 - Between 5220' and 5240'

Treatment put in 6/19/52 by Halliburton, using 1000 gallons of acid and 110 barrels of water to flush.

TP REMARKS

2:55 pm 1000 gallons of acid down tubing, start flush Acid on bottom
3:21 pm 2506 Acid on bottom
3:22 pm 4500 Formation taking acid acid search bole, sas too to gauge. On June 13, swabbed through tubing 18 hours, gas too wet to

Swabbed and flowed through tubing 24 hours to clean hole, gas too wet to gauge, estimated 300 M.C.F. On June 20, swabbed through tubing 24 hours, gas gauged 280 M.C.F. Treated with 6000 gallons of Halliburton 15% acid as follows:

ACID TREATMENT NO. 11 - Between 5220' and 5240' Treatment put in 6/20/52 by Halliburton, using 6000 gallons of acid

and 60 barrels of water to flush.

TIME CP TP REMARKS

10:29 am 250 Started sold down tubing

10:34 sm 275 4000 gallons of sold down tubing

10:40 am 500 6000 gallons of acid down tubing, start flush

10:46 am 500 60 barrels in to flush

Swabbed and flowed out water used in treating and on June 22, gas gauged 214 M.C.F., CP-160f. On June 23, pulled tubing and loaded hole with 2500' of water. Drove Baker bridging plug to 5565' and bailed out water used to load hole, gas gauged 340 M.C.F. On June 25, set Baker magnesium bridging plug at 5210', dumped 1/2 sack of Cal-Seal on top of plug from 5210' to 5204'. Perforated 52" casing with 80 holes by McCullough Tool Company from 5180' to 5200', gas gauged 250 M.C.F. Ran 2" tubing and treated with 1000 gallons of Halliburton 15% acid as mades to significated that we contained follows:

ACID TREATMENT NO. 12 - Between 5180° and 5200° Treatment put in 5/26/52 by Halliburton, using 1000 gallons of acid

Flushed with 96 barrels of water Vac. 1:00 pm anniaretree dale goldest

Swabbed through 2% tubing 26 hours, gas gauged 206 M.C.F. on June 27, swabbed through tubing 8 hours and gas gauged 206 M.C.F. Pulled tubing and swabbed the hole dry. Set Baker bridging plug at 5169' and plugged back with Cal-Seal from 5169' to 5166'. Perforated 52" casing from 5135' to 5155' with 80 Kone shots by McCullough Tool Company, no show of gas. Treated with 1000 gellons of Halliburton 15% acid as follows:

ACID TREATMENT NO. 13 - Between 5135' and 5155'

Treatment put in 6/28/52 by Halliburton, using 1000 gallons of acid and 122 barrels of water to flush.

TIME

CP

TP

REMARKS

10:45 am

Started acid in tubing

10:48 am
11:08 am
11:15 am
10:09 am
10:09 am
10:09 am
10:09 am
10:00 barrels of water in to flush
11:21 am
10:00 Flushed with 122 barrels of water

Swabbed and bailed hole dry, no gas or water. On June 30, ran 2" tubing and set Baker retainer at 5120' and cemented off perforations from 5135' to 5155' with 100 sacks of cement at maximum TF-1750%. Pulled tubing and shut down for cement to set.

On July 2, bailed the hole dry and perforated 52" casing from 4680' to 4690' with 40 McCullough kone shots and hole filled 2100' with drilling mud. Bailed and tested 12 hours, mud and water.

On July 3, ren 2" tubing and set Baker retainer at 4650' and cemented off perforations from 4680' to 4690' with 100 sacks of cement, no pressure. On July 6, bailed the hole dry and drilled cement plug and cleaned out to 4705', bailed the hole dry and casing tested dry.

Perforated 5%" casing from 4680' to 4690' with 40 holes by McCullough Tool Company and hole filled 700' with salt water in 2 hours, and filled from 700' to 4000' with salt water in 12 hours. Ran 2" tubing and set Baker retainer at 4665' and cemented off perforations from 4680' to 4690' with 250 sacks of cement, TP-0%. On July 9, recemented through perforations with 125 sacks of cement at 2000%-TP. Pulled tubing and shut down for cement to set.

On July 10, bailed hole dry to top of retainer at 4665' and hole tested dry. Perforated 5½" casing from 4515' to 4521' with 24 Lane-Wells Kone shots. Tested 2 barrels of salt water per hour, no oil or gas. On July 12, ran 2" tubing and set Baker retainer at 4497' and cemented off perforations from 4515' to 4521' with 150 sacks of cement, maximum TP-2000%. Fulled tubing and shut down for cement to set. On July 14, bailed the hole down and drilled cement plug and cleaned out to 5565'. Swabbed through 5½" casing 24 hours, 3 barrels of water per hour, gas gauged 400 M.C.F.

On July 19, drilled cement plug from 5565' to 5615'. On July 20, perforated 5½" casing from 5580' to 5605' with 100 Kone shots by McCullough Tool Company, no shows of gas or oil. Ran 2" tubing and set Baker retainer at 5563' and cemented through perforations from 5580' to 5605' with 50 sacks of cement. Raised tubing 360' and shut down for cement to set. On July 21, ran SLM and found top of cement at 5581'. Reset Baker retainer at 5500' and pumped in 70 barrels of water and hole would not fill. Tried to cement off perforations from 5532' to 5555' and from 5580' to 5605' with 200 sacks of cement, would not pressure up. Pulled tubing and retainer. Ran SLM and found top of cement at 4000', retainer did not hold. Drilled cement plug to 5550', slight show of gas.

PB TD-5550*

Perforated 5%" casing from 5532' to 5549' with 72 Lane-Wells Kone shots, no show of gas. Ran 2" tubing and on July 29, treated with 1000 gallons of Halliburton 15% acid as follows:

ACID TREATMENT No. 14 - Between 5532' and 5549' Treatment put in 7/29/52 by Halliburton, using 1000 gallons of acid and 182 barrels of water to fill and flush hole. CP 200 700 Filled tubing and casing with 122 barrels water, 5:28 pm started acid in tubing 450 650 5:35 pm Acid on bottom 500 700 1000 gallons of scid in tubing 5:38 pm Started water flush 675# 5:50 pm 450 Flushed with 20 barrels of water 5:51 pm Vac.

Swabbed out water used in treating, then on July 30, swabbed through 2" tubing 24 hours, estimated 2 barrels of water per hour, gas gauged 380 M.C.F. On July 31, swabbed through 2" tubing 12 hours, gas gauged 280 M.C.F., CP-60.

Shut in until August 5, SI CP-940%, flowed through 2" tubing 3 hours, gas gauged 340 M.C.F.; after flowing 7 hours, gas gauged 240 M.C.F., flowing casing pressure at end of 7 hours was 300%. Shut in until August 11, then flowed 6 hours, gas gauged 340 M.C.F. with no water, CP-300%.

COMPANY OF STREET

1 .03 .12.0 41 01101 是 "本作品"。 Treat has feeld meeted - to and from box time been to smolety that select , and water analysis and the described and been Fawhuska Research Laboratory THE PARTY AND T mi blue harved Sample Serial No. 6174 as Buttl ma acti Sample from depth of 4515'-4521' mm 21:13 televine to offered foll Date received: 7/22/52 Date Completed: 7/25/52 are Completed: //20/22 through to may be type block bolked has bedone and find the first transfer to PPM to be been enided to the first transfer transfer to the first transfer transfer to the first transfer transf Chlorides as Cl. 75,700 Sulfates as SOL. 690 Chlorides as NaCl. 124,800 Chlorides as CaCl2 . . . 118,500 . with Bestead to grade Os date 'Orda ea logar sent union; 'ét bedougkraf I ni laste dinc sale loct selli lour de transcriber font despitates Lerado fi is terme dies edit 'OOOA er 'OOT mort celli) inc lerado Tay bas comes and 'Eooà to tentular take les bus partir 'S es perforations from word! to accompately and oncern of cemus, 1.00. in into 9, recessaried through perforetions with 125 cans. It as all at 2000 for country to each election "1884 as continued to dot of the wind balling (DI Tieb We weens at now lette or "the most animar "it negligible . The bester eils Kone since, leared A correis of eals action for them, as only or gan.

Ear. Co of 1 to the Corresponding and assert remailed action of company, as a company of the contract company, as a company of the company of th On dair 19, ordiled coment blue from 5555 to 56151, Co July 20, conformation 550 517 conting from 5500 to 56051 with 100 Logs block by one saldes I set .ife is ber in seems on .tsease loof supplies on the set is set in a look of the set is set in a see in a seems in a see is set in a seem of the set is seems in a seem of seems in a seem of seems in a se Joseph to sop being the Edd one [1] who have to come to come to the come to th and the season of the season o *Gece-87 85 Teffetered by dain 1920 of 1922 most intere the being restant to a dain of the second particles of the Te souling COOL putes indisuddiffed by States and the Secritors of the secritors of the secritors of the secritors and the secritors of the secritor and the secritors of the secritor of the Talled traiting and conting with the bereal water. and a blog bearings median as bids

Indian hi bids in selection 0001

Indian court fluid

The and with 20 berrels of a term 1000 (60) (60) one by the BQ DE18 1007 **《**题选》 Courbed out water used in threating, then on fully in, Subbed compared 2" tobler 26 bours, retigated 2 bereals of water tours, see caused 3 4.1.1 to bours, see caused 340 4.1.1 to bours, see case graned 240 4.0.1 1.0 50 colors caused and 340.51. Case graned and 340.51. E points to descent tweell . Olewin It . Sought Illen at 1945.
Call to give any entered the first in the first part of the series of the first in the first part of the first CONSERVATION DIVISION 190192100 The states No street of TAIS

SKELLY OIL COMPANY

CHANGE IN WELL RECORD

Give complete description of all cleaning out, deepening, plugging back and fishing jobs, changes in casing, material lost in hole, etc, not recorded in original well record.

LEASE NAM	ME	Thei	8 *A* 43R258			WEI	L N	10	DIS	TRICT_	Kanse	18		
			RR.			COU	NTY_ TE_	o. Clara Fansa	10			AFE	NO.	/
SLOCK				QUI LETO			214							
		Т	YPE OF WO	RK_	PL	UG AND A	EAI	ADON AL	LL					
Date comme	nced		Septembe	r 20,	,	_ 19_61_ Date	con	npleted		Seg	tember	29,	,	61
			5550*											
Cleaned out	from _	das no	bble	_ to					F. O. 1.		51	000		
Production be	efore		bbls	s. oil				bbls. wa	ter		241		CU.	ft. gas
			ipe Pulling									days rig	time;	hre.
JOST OF JOD	P			Re										
DATE		TYP	E TREATMENT	INTER	12/19/19/19/19/19	TREATED	RE	AMOUN	T OF	TREAT	TMENT	The second second	CHARAIS'	1019
											STATE CORP	ORATIO	M Comme	
												eT a	6 1961	
											2000	FRVAT	TON DIVIS	SION
				CHA	NGE	S IN CAS	ING	BECORE			COMP	Michit	a, Kansas	
STRINGS	SIZ	7F	WHERE SET			S IN CAS	ING	RECORL			REMARKS			
Production			(Depth)	Sacks	Used	Top Cem't. Bh'd.	Cas'g.				NE MARKS			
Liner								Top liner;						
SIZE	WT.	THDS	KIND	COND		CALL A LOSS OF THE SAME OF THE	FT II				THE PROPERTY AND ADDRESS.	LLED		
8-5/8	24#	BR	8R R2 J55		Jts.	Feet 581 C	In.	Feet 585	In.	Jts.	100 N A AND TO	In.	Feet 1494	In.
6 1/2	752	42		D						5	149	0	150	ŏ
2-1/2	148	en en	J55 SS H40 R2 SS	G						56	1797	0	1811	0
200011014		TOA	GC R2 SS J55 R2 SS	D A	3	405 O		1474	00	08	2020	0	2036	0
PRODUCIN	APPEL L	<u>tom</u>												
		FORMAT	ION	_ thru -		N HOLE ORATIONS -		ТОР	В	оттом	Total	No. Sh	ots	
REMARKS (G	Sive revi	ew of	work performed and an	y other	comm	ent of interes	t)							
			s not economiested, regul											
the s			concre refire	-car -car	aft fund.21	oracy me	10 (* 00	5,444	all essera	KG-LP GEA	and the	
On Se	eptes	ber	20, 1961, 10	aded	ho	le with	190	0 barre	als	of w	mater a	and p	pulled	
2" ti														
9/22/	/61 m	oved	in plugging	; macl	hin	e and pl	lug	ged the	9 1/10	11 6	es foll	Lows		
			10 sacks of	cemer	o t			559	500	to s	5470*			
Tonde	nd ho				100		e Proce					1 13	5 its	
(419)	7*)_0	£ 5	ith mid and "casing. B	lan fi	loa	t and fe	un	d mud a	it 1	.0001	; load	led i	hole	
with	Ser	to 3	00.											
			Rock bridge 20 sacks of		in die						2190*			
Shot		8-5/	'8" casing at	1639	9•.	Pulled	1 5	2 jts.	(16	dada*) of 8-	-5/8		
			Plud					213	30*	to	350*			
			Rock bridge					31	50.	to	340.			
			20 sacks of Mud		a G			3:	50.	to	320° 30° 20°			
			Crushed rock 10 sacks of		n de				101	to	20*			
			Surface soil		ia W						Surface	0		

PLUGGED AND ABANDONED September 29, 1961.