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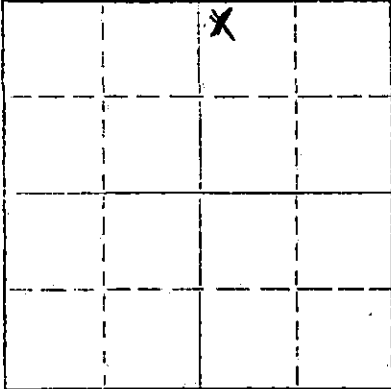
STATE OF KANSAS
STATE CORPORATION COMMISSION

Form CP-4

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
P. O. Box 17027
Wichita, Kansas 67217
NORTH

WELL PLUGGING RECORD

Pratt County. Sec. 33 Twp. 26 Rge. 13 (E) W (W)
Location as "NE/CNW/SE" or footage from lines NW NW NE
Lease Owner Dundee Pipe & Supply
Lease Name Calbeck Well No. # 10
Office Address P. O. Box 2391 ; Tulsa, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed October 31 1951
Application for plugging filed July 1973
Application for plugging approved July 1973
Plugging commenced August 2 1973
Plugging completed August 30 1973
Reason for abandonment of well or producing formation Not commercial



Locate well correctly on above
Section Plat

If a producing well is abandoned, date of last production June 1973
Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Russell Biberstein
Producing formation Viola Depth to top _____ Bottom _____ Total Depth of Well 4450 Feet
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
				13 3/8"	200 sx	224
				8 5/8"	750 sx	942
				5 1/2"	250 sx	4450
				13 3/8"	224	NONE
				8 5/8"	942	NONE

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from _____ feet to _____ feet for each plug set.

August 2, 1973 Plugged off bottom. Dumped sand to 4000'. Mixed and dumped 5 sx of cement.

August 30, 1973 Plugged off top. Set 10' rock bridge at 250'. Filled 8 5/8" surface casing from 250' to base of cellar with 3000 lb. P.S.I. ready-mix concrete.

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SEP 10 1973 9-10-73

CONSERVATION DIVISION
Wichita, Kansas

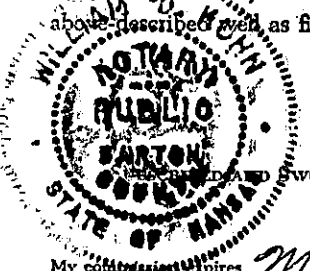
(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor RUSS CASING PULLING, INC.
Address P. O. Box 1082 ; Great Bend, Kansas 67530

STATE OF Kansas COUNTY OF Barton, ss.
Russell D. Sullivan (employee of owner) or (owner) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above described well as filed and that the same are true and correct. So help me God.

(Signature) Russell Sullivan
P. O. Box 1082, Great Bend, Kansas 67530
(Address)

SWORN TO before me this 7th day of September, 19 73



William D. Kuban
Notary Public.

My commission expires March 29, 1977

WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY

508 East Murdock,

Wichita, Kansas

COPY

Company- DEEP ROCK
Farm- Calbeck

No. 10

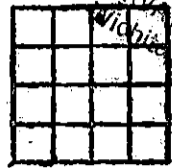
SEC. 33 T. 26
NW NW NE

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Wichita
Kansas

Total Depth. 4450
Comm. 9-8-51
Shot or Treated.
Contractor.
Issued. 12-15-51

Comp. 10-31-51

County Pratt KANSAS



Elevation. 1953 FT

Production. 245 & 1% wtr.

Figures indicate bottom of formations.

All measurements are from the top of rotary bushing which is 2' above derrick floor.

sand	70	limestone	3932	sand, gray to white to	
red rock	845	limestone, brown		brown, strks. brown,	
no log	942	chert	3942	green shale	4343
red rock	1044	shale, gray	3944	limestone	4344
shale	1390	limestone, brown	3949	dolomite, strks	
galt	1530	limestone	3958	limestone, green shale	
shale, shells	1560	shale, gray	3959	trace of sand	
shale, limestone	1920	limestone	3967	grains	4348
sandy limestone	2055	limestone brown	3977	limestone, strks	
limestone	2270	limestone brown	3998	dolomite	4351
limestone, shale	2460	limestone	4002	green sandy shale	4353
shale, limestone	2635	shale, brown & gray	4005	shale, gray green,	
limestone, shale	3345		4010	sandy	4359
limestone	3565	limestone, tan	4010	shale, gray-green,	
shale	3569	limestone	4012	strks brown dolomite,	
limestone	3582	shale, brown, gray	4016	sand	4412
shale, black	3587	limestone	4029	dolomite, brown chert,	
limestone	3593	shale, gray	4030		4417
shale	3602	limestone	4043	light green shale	4419
limestone	3614	shale, gray	4048	dolomite, light	
shale, w/some shaly		limestone	4052	brown, trace	4424
sand strks	3656	shale, gray	4053	white chert	
sand	3700	limestone	4058	shale light green	4425
shale, gray, brown,		limestone, tan	4069	dolomite as above,	
some sand strks	3751	shale, dark gray	4071	chert	4430
limestone, brown sub-		limestone	4097	dolomite, brown	4433
xyln	3755	shale, brown, grn	4102	dolomite	4445
shale, gray, limestone		limestone, gray-		dolomite, very little	
strks	3770	brown, chert,		chert	4450
limestone	3774	shale strks	4159	Total depth	
shale, gray	3778	limestone, chert	4168	Tops:	
limestone, tan to gray		shale, green & brn	4170	Heebner	3582
	3797	limestone, chert	4182	Leavenworth	3587
shale, gray	3800	shale	4188	Snyderville	3593
limestone	3804	chert, gray white	4206	Toronto	3602
limestone, brown-gray,		shale, brown, green,		Douglas	3614
	3817	gray shale, green-		Brown Lansing	3751
limestone brown, chert,		gray limestone	4220	Lansing	3778
dark brown opaque	3827	chert, brown to amber,		Kindcrhook	4206
shale	3829	yellow-brown opaque		Viola	4220
limestone, tan to		chert	4241	Simpson	4319
gray	3839	chert as above, shale		Arbuckle	4412
limestone	3846	in chert	4248	Drillers log 0-3565	
shale, green & brown	3847	shale, gray, brown &		Electric log 3565-3700	
limestone	3854	gray-green	4255	Sample log 3700-T. D.	
shale	3855	limestone, dark green-		Trace free oil & stain,	
limestone	3870	gray dense, shale	4262	no odor 3804-3817	
limestone, gray-brown,		chert, white, shale	4267	DST 3804-28	
some chert	3892	chert, as above	4313	Fair stain 3829-3839	
limestone, gray brown	3896	limestone, white,		Good odor; trace free oil,	
limestone, as above	3908	sandy	4319	spotted stain, DST 3869-90.	
limestone, light brown		shale, green	4321	Trace stain 3896-3908	
gray opaque chert	3912	sand, light brown		Possible trace stain	
limestone	3917	to white medium,		3912-2917	
limestone, chert	3923	green shale	4326	Trace odor & free oil,	
shale, gray	3925	sand, brown, strks		trace stain, 3927-3932	
limestone, tan to gray-		green shale, sand	4333		
brown	3927	sand, green shale	4335		

COPY

DEEP ROCK
Galbeck No. 10 Continued
33-26-13W
NW NW NE

Trace odor, fair show
free oil 3944-3949
DST 3922-50
Some stain 3959-3967
Good stain, some odor,
trace free oil 3977-3984
Trace stain; possible trace
odor 3994-3998
Trace stain 4005-4010
Some dark stain 4053-4058
Mississippi, brown stain,
no odor or free oil 4188-4206
DST 4214-37
Trace free oil, some brown 4267-4313
stain DST 4263-96
Trace stain 4321-4326
Good odor & saturation 4326-4333
DST 4314-36
Good odor & saturation 4333-4335
Spotted stain, fair odor 4335-4343
No show 4343-4344
Some free oil, slight odor
4412-4417
Trace free oil & odor 4419-4424
Trace free oil 4425-4430
Fair odor & free oil 4430-4433
DST 4413-35
Fair show free oil 4433-4445
Good stain, fair show free
oil 4445-4450
DST 4435-50

Perf. 144S, 4268-92; made 30-
35 gals. oil per hr.
Acidized w/500 gals. mud acid,
probably a slight increase in oil.
Hydrofractured-double shot
F/21 BOPH
Shut in

Open & well would only flow by
heads
3 to 17 BOPH
Put on pump.
Drill Stem Tests:

- Lansing:
- 1 3804-28 zone #1 open 45 minutes;
fair blow. Rec. 32' slightly oil
cut mud; 90' of gas above mud.
BHP; just a trace, not measureable
(15 min.)
 - 2 3869-90; zone #3 open 45 mins..
fair blow. rec. 80' mud & salt
wtr; no oil or gas. BHP 1270#
(15 min.)
 - 3 3922-50; zones #6 & #7; open
45 mins; very good blow. Gas to
surface in 25 mins. Rev. 30'
slightly oil & gas cut mud;
270' very heavily oil & gas cut
mud with a trace of wtr; 150' oily
wtr; 120' salt wtr. w/a slight trace
of oil.
Initial flowing pressure 70#
Final flowing pressure 200#
BHP 1120# 15 min.

Viola:
4 4214-37; Upper chert; open 45 mins;
very good blow. Gas to surface
in 18 min.
Rec. 45' mud; no oil or wtr.
BHP 1275# 15 min.

5 4263-96; Lower chert; open 45 mins.
very good blow. Gas to surface
in 14 mins.
Rec. 60' oil & gas cut mud; 90'
muddy oil; 180' fairly clean oil
BHP 1000# 15 min.

Simpson:
6 4314-36; sand zone; open 45 mins.;
very good blow. Gas to surface in
16 min.
Rec. 40' oil cut mud; 270' muddy
oil BHP 1215# 15 min.

Arbuckle:
7 4413-35; zone #1 & #2; open 1 hr.;
good blow
Gas did not come to surface
Rec. 90' oil cut mud; 345' oil;
15' wtr., possibly not formation
wtr. Final flowing pressure 190#
BHP 1280# 15 min.
8 4435-50; zone #3; open 1 hr; good
blow. Gas did not come to surface.
Rec. 75' oil cut mud; 120' muddy
oil. BHP 1080# 15 min.

- Cores:
- 1 4315 $\frac{1}{2}$ -18 rec. 2 $\frac{1}{2}$ '
 - 2 4316-25 rec. 7'
 - 3 4325-36 rec. 11'
 - 4 4337-48 rec. 4'
 - 5 4348-59 rec. 7 $\frac{1}{2}$ '

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