

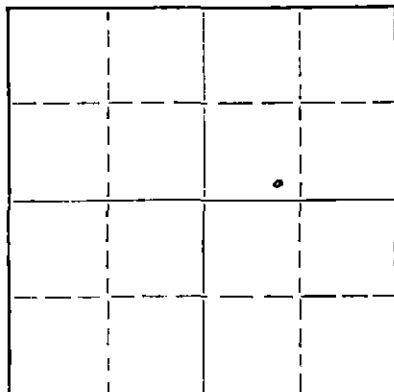
Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
212 No. Market
Wichita, Kansas

WELL PLUGGING RECORD

Pratt County, Sec. 33 Twp. 26S Rge. (E) 13 (W)

Location as "NE/CNW/SW" or footage from lines SE SW NE
Lease Owner West Supply Company
Lease Name Calbeck Well No. 14
Office Address Box 327, Chase, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) oil
Date well completed March 20 19 52
Application for plugging filed June 3 19 66
Application for plugging approved 19
Plugging commenced July 8 19 66
Plugging completed July 14 19 66
Reason for abandonment of well or producing formation depleted

NORTH



Locate well correctly on above
Section Plat

If a producing well is abandoned, date of last production 19
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 Archie Elving
Producing formation Depth to top Bottom Total Depth of Well 4468 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
		0	838'	8 5/8"	838'	none
		0	4466'	5 1/2"	4466'	3168.40

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.

Pushed plug to 4300', set 10' rock bridge and dumped 5 sacks of cement.

Pushed plug to 325'. Set 10' rock bridge. Mixed 4 sacks of cement with 20# of calcium chloride and dumped at 315'. Bailed hole down and dumped 21 sacks of cement. Filled hole with dirt to 40', set 10' rock bridge and capped hole with 10 sacks of cement.

7-29-66

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CONSERVATION DIVISION
Wichita, Kansas

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

Name of Plugging Contractor Pipe Pullers, Inc.
Address Box 486, Ellinwood, Kansas

STATE OF Kansas COUNTY OF Barton, ss.
Dean Wells (employee of owner) or (owner or operator) 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) Dean Wells
Ellinwood, Kansas

SUBSCRIBED AND SWORN TO before me this 28th day of July, 19 66

(Address)
J. Rader
Notary Public.

My commission expires July 7, 1968

15-151-10829-0000

COPY

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
500 East Burdock, Wichita, Kansas

Company- DEEP ROCK
Farm- Calbeck

No. 14

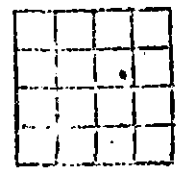
SEC. 33 T. 26 R. 13W
SE SW NE

Total Depth. 4467
Coram. 1-24-52
Shot or Traced.
Contractor.
Issued. 5-17-52

Comp. 3-20-52

County Pratt KANSAS

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Elevation. 1961 D.F.

Production. 140 BO & 1/10% wtr.

ALL MEAS. FROM TOP OF R.B.

Figures indicate Bottom of Formation.

drillers log 0-3500'

sandy clay 45

sand 260

red beds & shale 455

red beds 833

anhydrite 847

shale 855

shale & red beds 1220

shale, shells & salt 1835

limestone & shale 3500

limestone, tan to buff xyln, oolites 3526

limestone, porosity 3586

limestone 3594

shale brown 3596

limestone brown 3613

shale brown 3619

limestone brown 3622

shale gry-green brown 3631

limestone xyln probably shaley 3641-43 3652

shale green brn silty 3672

sand brown-gry 3712

shale gry-green brown strks fine sand 3775

limestone brown-gry xyln 3781

shale brown strks limestone 3801

limestone xyln 3818

shale gry-green 3822

limestone 3825

limestone gry-brown porosity 3835

limestone, no poro. 3841

shale green-gry 3843

limestone 3848

shale & limestone strks 3851

limestone, xyln, oolitic poor porosity 3866

limestone brown, xyln 3876

shale green 3878

limestone, chert 3885

shale green, limestone 3889

limestone, poro. 3897

limestone strks & shale 3905

limestone brown, poro 3916

limestone brown, chert & porosity 3930

limestone, no poro. 3934

limestone, poro, chert 3940

limestone brown, gry sub-xyln 3947

shale green & brown 3951

limestone brown, sub-xyln oolitic porosity 3955

limestone no poro. 3962

shale green & brown 3968

limestone, some oolitics fair porosity 3974

limestone no poro. 3981

shale green & brown 3984

limestone xyln, oolitic good poro. 3990

limestone 3998

limestone brown xyln good porosity 4008

limestone brown 4018

limestone porosity 4022

limestone brown sub-xyln 4026

shale brown 4030

limestone poro. tr. 4032-34 4040

limestone brown, chert 4049

shale & limestone limestone, oolites tr. poro. 4065

shale brown 4070

limestone possibly poro. 4076-79' 4079

limestone, chert, possible tr poro. stain 4092

limestone brown, xyln oolitic, strks shale gry green & brown 4098

limestone brown sub-xyln 4110

shale brown & green 4114

limestone 4119

shale brown green tr. brown chert, some limestone strks 4132

limestone 4140

shale 4146

limestone gry green finely xyln 4150

shale brown & green 4152

limestone brown, chert 4168

shale 4172

limestone, chert, possibly shale strks 4186

shale green-brown, possible limestone strks 4196

chert, china, green 4202

chert, shale red & gry-green 4235

shale green-brown micaceous 4245

chert, china, amber-brown yellow 4262

shale green-brown, chert, xyln limestone 4289

chert, china brown 4320

shale green, chert 4322

limestone, xyln 4326

shale green sdy 4329

sand brown-green 4338

sand, green shale dolomitic sand 4348

dolo. xyln, poro. 4360

shale green sdy 4363

sand green dolo., fair poro. 4370

shale green strks sand dolo. 4428

dolo., xyln, poro. 4432

dolo. poro. 4437

shale green 4439

dolo. poro. 4443

shale green 4444

dolo. brown poro. 4450

dolo. brown chert brown opaque 4455

dolo. xyln, poro. 4465

dolo. poro. 4467

Total Depth

Tops:

Stone Corral 833

Hebner 3613

Leavenworth 3619

Snyderville 3622

Toronto 3631

Douglas 3652

Brown Lansing 3775

Lansing 3801

Base Kansas City 4114

Marmaton 4119

Miss. 4196

Kinderhook 4235

Viola 4289

Simpson 4326

Arbuckle 4428

No. show probably wtr 3526-86'

Good odor, trace stain no free oil DST 3825-35'

tr. stain 3851-66'

Slight tr. stain 3889-97'

Fair stain 3905-16'

Spotted stain 3916-30'

No show 3934-40'

Good odor, slight show free oil, some gilsonitic stain 3951-55'

Tr. odor, fair show free oil 3968-74'

OVER

Cont'd

Company- Deep Rock
Farm - No. 14 Calbeck
33-26-13W
SE SW NE

Fair show free oil, fair odor 3984-90'
Good show free oil. good odor 3998-4008'
Spotted stain 4018-22'
No show 4030-40'
Tr. spotted stain 4054-65'
Possible tr stain 4070-79'
Trace free oil 4196-4202'
Some dead blk stain no odor or free oil 4202-35'
Fair odor, no free oil. 4245-62'
Fair odor, tr. free oil 4289-4320'
Trace odor, spotted stain 4329-38'
Spotted stain 4348-60'
Spotted stain 4363-70'
Trace stain 4428-32'
Good show free oil 4444-50' good odor & stain
Fair to good show free oil, good odor 4455-65'

Cored 4297-4303
Cored 4303-4309'

DST: 3816-40' open 45 mins. good blow at start, dec. to small blow by end of test. rec. 75' gas & 45' gas cut mud tr oil BHP 0 15 mins.

DST 3947-76' open 30 mins. rec. 30' slightly gas cut mud tr oil BHP 0 15 mins.

DST: 3981-4013' open 45 mins. rec. 60' slightly gas cut mud. tr. oil BHP 200# 15 mins.

DST: 4186-4205' open 45 mins. good blow throughout test rec. 1620' gas 40' heavily oil cut mud. BHP 1120# 15 mins.

DST: 4205-32' open 30 mins. weak blow rec. 30' mud no oil, gas or wtr, BHP 0 15 mins.

DST: 4242-63' open 45 mins. rec. 60' mud with odor of gas, no oil or wtr no visible sign of gas BHP 0 15 mins.

Note: The above test was first tried with one packer from 4239-63' but the packer failed to hole.

DST: 4326-52' open 30 mins. small blow which quit in 5 mins. rec. 30' mud no oil, gas or wtr BHP 0 15 mins.

DST: 4452-67' open 1 hr. strong blow throughout test. rec. 630' gas, 60' heavily oil cut mud 60' muddy oil 30' clean oil BHP 1245, # 15 mins.

The final completion data is as follows:
perforated 4309-17 w/32 conc shots.
Perforated 4309-17 w/24 bullets. Had 1 1/2 gallons oil per hr. and 1/2 gals. wtr per hr.
Pumped 30 bbls. oil into formation under pressure. Acidized w/100 gals. (Had previously acidized with 500 gals. 200 gals. & 3000 gals. before and between the various squeeze jobs)
Hydrafrac double treatment. (Had previously hydrafrac twice between squeeze jobs)

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Completion Data:

Ran Lane-Wells Gamma Ray Neutron Log.
Several sets of perforations were made in the Viola chert and were squeezed off because of water.