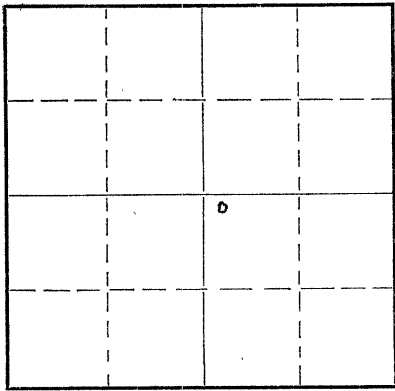


WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
800 Bitting Building
Wichita, Kansas

NORTH



Locate well correctly on above
Section Plat

Phillips County. Sec. 15 Typ. 2 Rge. 19 (E) W (W)
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines NW $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$
Lease Owner DEEP ROCK OIL CORPORATION
Lease Name Deep Rock Oil Corp-Van Kooten Well No. 1
Office Address Box 429 Hutchinson, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed August 17 1950
Application for plugging filed September 5, 1950 19
Application for plugging approved September 5, 1950 19
Plugging commenced August 25, 1950 19
Plugging completed September 1, 1950 19
Reason for abandonment of well or producing formation Dry Hole

If a producing well is abandoned, date of last production none 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 Eldon Petty
Producing formation Dry hole Depth to top 3726 Bottom Total Depth of Well 3771 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
				10-3/4"	280'	0
				7" OD	3606'	2947.55

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 3771 feet to Surface feet for each plug set.

Hole filled back from 3771 to 3450; Halliburton bridging plug and cement plug installed at 3450 ft; hole filled with chat sand from 3450 to 3420; Dumped five sacks cement forming cement plug from 3420 to 3395; mudded hole from 3395 to 280; rock bridge installed from 280 to 270; twenty sacks of cement poured in hole to form plug from 270 to 230ft. mudded from 230 to 35 feet; rock bridge installed from 35 feet to 30 feet; capped with fifteen sacks of cement

plugging complete

INDEXED
09-15-1950
SEP 15 1950
STATE CORPORATION
KANSAS

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

Correspondence regarding this well should be addressed to Deep Rock Oil Corp. Box 429, Hutchinson, Kansas
Address

STATE OF Kansas, COUNTY OF Reno, ss.

(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) *J. Lubinski*

Box 429 - Hutchinson, Kansas (Address)

SUBSCRIBED AND SWORN TO before me this 14 day of September, 1950

Carl F. Loran
Notary Public.

My commission expires 11-26-51

PLUGGING
FILE SEC 15 T 2 R 19 D
BOOK PAGE 25 LINE 50

Van Kooten Well No. 1

NW NW SE
Sec. 15-2S-19W
Phillips County
Kansas

15-147-30175-00-00

Contractor: The H. W. Rine Drilling Company
Started 7/15/50 Finished 7/27/50

Log

Surface Clay, Sand	0 - 130	
Shale	130 - 280	10-3/4" Csg. @ 280' w/ 250' ss.
Cement	255 - 280	
Shale, Sand, Shells	280 - 1020	Syfo @ 500' O.K.
Dakota Sand	1020 - 1340	Syfo @ 1000' O.K.
Shale, Shells	1340 - 2250	Syfo @ 1500' O.K.
Lime, Shale	2250 - 2730	Syfo @ 2000' 6"
Shale	2730 - 2830	Syfo @ 2490' O.K.
Shale, Lime	2830 - 3200	Syfo @ 3000' O.K.
Lime	3200 - 3295	
Lime - Shale	3295 - 3345	
Lime	3345 - 3441	
Lime, Shale	3441 - 3482	
Lime	3482 - 3545	
Lime, Shale	3545 - 3650	
Lime	3650 - 3710	Syfo @ 3657' 1"
Shale, Lime	3710 - 3776	
Lime (Arbuckle)	3726 - 3740	
Lime, Shale	3740 - 3771	T.D. 7" Csg. @ 3603 w/ 100' ss.
Tops Heebner	3340	
Lansing	3373 (-1164)	
Arbuckle	3726	

State of Kansas)
County of Sedgwick) ss.

I, E. H. Sloyer, do hereby certify that the above is a true and accurate log of the Van Kooten Well No. 1, located in NW NW SE Sec. 15-2S-19W, Phillips County, Kansas. 09-08-1950

E. H. Sloyer
Secretary

Subscribed to and sworn before me this 1st day of August, 1950

My commission expires Dec. 29, 1952

B. M. Green
Notary Public

PLUGGING
FILE SEC 15 T 2 R 19W
BOOK PAGE 25 LINE 30

WELL LOG

15-147-30175-00-00

WELL NO. 1 FARM Van Kooten Prospect #26
 DEEP ROCK INTEREST 50% PARTNER'S INTEREST 50%
 OVERRIDE OR OIL PAYMENT _____
 LEASE DESCRIPTION 400 acres E/2 & NE/4 NW/4 sec. 15 and SW/4 SW/4 Sec. 14
 SEC. 15 TWP. 2S RANGE 19W COUNTY Phillips STATE Kansas
 WELL LOCATED NW $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ 2310 FT. West
 OF East LINE 2310 FT. North OF South LINE OF Section
 DRILLING CONTRACTOR Rine Drilling Co.
 PRICE PER FT. \$3.25 DAY WORK RATE \$425
 CONTRACTOR FURNISHED Mud up to \$350.
 DRILLING IN CONT. Confer Drilling Co. RATE PER DAY \$200.
 ROTARY COMMENCED 7-16-50 COMPLETED 7-27-50
 CABLE TOOLS COMMENCED 8-3-50 COMPLETED 8-16-50
 ELEVATION D. F. 2207' GROUND 2205' ROT. B. 2209'
 ZERO POINT Top rotary bushing TYPE OF WELL Dry Hole

SAND RECORD:

	TOP	BOTTOM	THICKNESS

COMPLETION DATE 8-16-50
 T. D. ROTARY HOLE 3771'
 T. D. CABLE TOOL HOLE _____
 MAXIMUM DEVIATION _____
 PLUGGED BACK WITH Cement plug
 PLUGGED BACK TO Top of plug

CASING RECORD

SIZE O. D.	WEIGHT PER FT.	GRADE	LW OR SMLS	THREAD	CPLG	NEW OR S. H.	SET AT	CEMENT WITH	AQUA-GEL	SIZE HOLE	PULLED
<u>10 3/4"</u>			<u>Spiral</u>	<u>weld</u>			<u>280</u>	<u>250</u>	<u>2%</u>	<u>13 3/4</u>	
<u>7</u>	<u>24#</u>	<u>H-40</u>	<u>Smls</u>	<u>10V</u>		<u>S.H.</u>	<u>3606</u>	<u>100</u>			

CENTRALIZERS 6 Baker type G Bottom up 65' apart SHOE _____
 TOP CEMENT BY SURVEY 2944' SCHLUMBERGER TO 3771'

ACID TREATMENT, SHOT OR PERFORATING RECORD

DATE	TOTAL DEPTH	FROM	TO	ANCHOR USED	SHELL DIA.	PRODUCTION BEFORE	PRODUCTION AFTER	AMOUNT OF SHOT OR ACID	TORPEDO COMPANY
<u>For perforations and acid treatment see back.</u>									

WATERFLOOD INFORMATION

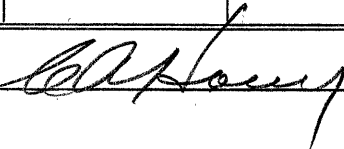
CORE RECORD:
 DATE CORED _____
 TYPE OF BARREL USED _____
 CORING FLUID _____
 CORED FROM _____ TO _____
 TOTAL CORE RECOVERED _____
 PERCENTAGE RECOVERY _____

WELL COMPLETION DATA:
 T. D. WHEN COMPLETED _____
 ANCHOR USED _____
 PACKER SET AT _____
 CHAT FILLED TO _____
 PACKER CEMENT: BOTTOM _____ TOP _____
 SACKS CEMENT USED _____

PRODUCTION RECORD

NOTE: GIVE ALL PRODUCTION DATA FOR FIRST FEW DAYS; SHOWING WHETHER NATURAL _____ AFTER SHOT _____ AFTER ACID _____

DATE	OIL BARRELS	GAS M. CUBIC FT.	WATER BARRELS	HOURS	METHOD	PRESSURES CASING/TUBING	REMARKS SIZE CHOKE, ETC.
<u>None</u>							

APPROVED 

DRILLER'S LOG

Surface clay, sand	130
Shale	280
Shale, sand, shells	1020
Dakota sand	1340
Shale, shells	2250
Lime, shale	2730
Shale	2830
Shale, lime	3200
Lime	3295
Lime, shale	3345
Lime	3441
Lime, shale	3482
Lime	3545
Lime, shale	3650
Lime	3710
Shale, lime	3726
Lime (Arbuckle)	3740
Lime, shale	3771

FORMATION TOPS by W. S. Johns, Geologist

Topeka	3126'
Heebner Shale	3340'
Leavenworth	3344'
Lansing	3373'
Base Kansas City	3601'
Marmaton	3601'
Conglomerate	None
Arbuckle	3726'

RECORD OF DRILL STEM TESTS

#1: 3405'-3425' Open 30 min. Small blow which died in 6 min. Recovered 7' drilling mud, no oil, gas, nor water. Bottom hole pressure 850#.

#2: 3424'-3441' Open 1 hr. Small blow which quit in 5 min. Recovered 10' mud with slight show light oil. BHP 660#.

#3: 3459'-3482' Open 1 hr. Slight blow which quit in 5 min. Recovered 5' oil cut mud. Bottom hole pressure test failed.

#4: 3727'-3740' Open 1 hr. Very small blow which quit in 15 min. Recovered 50' fluid, possibly some water, probably all drilling fluid. No bottom hole pressure.

#5: 3739'-3771' Open 45 min. Good blow throughout. Recovered 225' mud & brackish water. Bottom hole pressure 570#.

Driller's & Schlumberger T.D. 3771' 7" casing set at 3606', Top cement plug 3571'.

Rigged up drilling-in unit; casing was tested for leak with 800#.

8-3-50 Pressure held o. k. Bailed hole & cleaned out to bottom.

8-6 Squeezed with 140 sacks cement. 1800# pressure.


8-7 Perforated 3475'-3478' Kansas City formation with 12 Kone shots; 3464'-3468' 16 Kone shots. No free oil. Acidized with 500 gals. acid, obtained water 8 bbls. per hour.

8-10 Set plug at 3450'. Bailed hole dry. Perforated 3438' to 3442' with 12 holes. Bailed 6 bbls. water per hr. No oil. Perforated 3420'-3426' with 16 holes. Bailed 14 bbls. per hour for 4 hours. No oil. Ran retrievable plug--would not hold. Ran cement retainer. Set at 3397'. Squeezed perforations with 350 sacks, circulated out 15 sacks. Drilled plug and cleaned out.

8-14 Perforated from 3442'-3444', 3436-3438', 3426'-3428', 3418'-3818'-3420'. Each section shot with 6 9/16" holes. No show. Let well set 6 hrs. Had small show of oil. Acidized with 500 gals. acid. Bailed hole down. No oil. Reacidized with 2000 gals. acid. Bailed hole down and tested. No oil.

8-17 Preparing to plug and abandon.

I certify that the above records and log are true and correct.



C. A. Houy
General Superintendent