

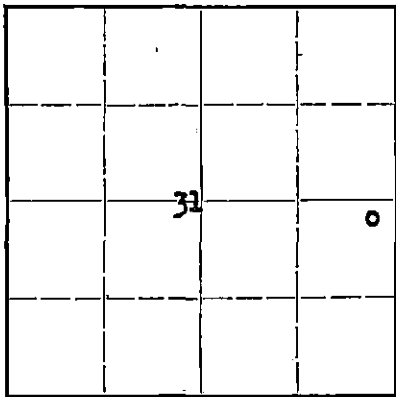
Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
800 Bittling Building
Wichita, Kansas

OR

Strike out upper line
when reporting plug-
ging of formations.

FORMATION PLUGGING RECORD

NORTH



Locate well correctly on above
Section Plat

Barton County. Sec. 31 Twp. 17 Rge. 11 (E) ~~(W)~~ (W)
Location as "NE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$
Lease Owner Republic Natural Gas Company
Lease Name Karl Sette "A" Well No. 1
Office Address Box 126, Ellinwood, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed May 14 1949
Application for plugging filed May 17 1949
Application for plugging approved May 18 1949
Plugging commenced May 27 1949
Plugging completed May 31 1949
Reason for abandonment of well or producing formation Dry Hole

If a producing well is abandoned, date of last production _____ 19____
Was permission obtained from the Conservation Division or its agents before plugging was com-
menced? Yes

Name of Conservation Agent who supervised plugging of this well C. Stough
Producing formation Arbuckle Depth to top 3354 Bottom 3370 Total Depth of Well 3370 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
Lansing	Dry	3352	3284	8 5/8	814	None
Arbuckle	1 bbl. oil & 123 bbl wtr per day	3354	3370	5 1/2	3356	2475'

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 hold. If cement or other plugs were used, state the character of same and depth placed, from _____ feet to _____ feet for each plug set.

3330' to 3250' Sand
3250' to 3220' Cement
3220' to 250' Mudded
250' to 205' Cement
205' to 30' Mudded
30' to 0 Cement

8 5/8" surface casing cemented w/400 sacks, cement circulated, casing not pulled.

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JUN - 7 1949

6-7-49

STATE CORPORATION
COMMISSION
KANSAS

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

Correspondence regarding this well should be addressed to Republic Natural Gas Company, c/o H. E. Wolfe
Address Box 126, Ellinwood, Kansas

STATE OF Kansas, COUNTY OF Barton, ss.
H. E. Wolfe (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) [Signature]
Box 126, Ellinwood, Kansas
(Address)

SUBSCRIBED AND SWORN to before me this 6th day of June, 1949

Yvonne M. Stevenson
Notary Public.

My commission expires July 25, 1951

PLUGGING
FILE SEC 31 T 17 R 13w
BOOK PAGE 97 LINE 11

15.009.006/6.00.00

SHEET NO. 1
Republic Natural Gas Company
Ellinwood, Kansas

REPUBLIC NATURAL GAS COMPANY
WELL RECORD

Lease Patte A

Well No. 1 Date 6-13-49

	31		0

Sec. 31 Twp. 17 Rge. 13
 Location NE NE SE County Darton
 Contractor (Hobart Drilling Co.)
 Commenced 2-20-49
 Completed 5-11-49

CASING USED AND CEMENT

	Length	Weight	Left in Hole	Sax and Make Cement
Elev. <u>1860 DD, 1857 DD, 1854 Grd.</u>				
Anhyd. <u>805</u>				
Topoka				
Lansing K.C. <u>3117 DD (-12416" OD)</u>				
Base K. C.				
Cong. <u>3327 DD (-1167) 13" OD</u>				
Miss. Lime				
Kinderhook <u>10-3/4"</u>				
Misner				
Hunton <u>8-5/8" OD 379'</u>		<u>207'</u>	<u>374'</u>	<u>400 sacks Portland</u>
Sylvan Shale				
Viola <u>7" OD</u>				
Simpson				
Arbuckle <u>3354 DD (-7191) 5-1/2" OD 3377'</u>		<u>15.5'</u>	<u>3356'</u>	<u>100 sacks Portland</u>
Basal Sand				
Pre-Camb. <u>570 3361 D.D.</u>				
T.D. <u>3370 DD</u>				
Penetration <u>24'</u>				

Prod. Formation anh. - On pumping tests well averaged 1 bbl. of oil and 123 bbls. of water per 24 hours. DGA.

SHOOTING RECORD:

Date _____ Size Shot _____

Results On 3-11-49 shot open hole w/ 24 cone shots from 3356 to 3362. No increase.

On May 14 perforated from 3252 to 3255 w/ 9 shots and from 3281 to 3284 w/ 9 shots.

No fluid.

Deepening or Plugging Back Record:

Plugged back w/ plastic from 3370 to 3359 1/2.

Set Lane-Wells bridging plug at 3330.

LINER RECORD

Date	Size	Weight	From	To

NOTE: Explain how liner set.
(Packer bottom of hole, etc.)

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POTENTIALS:

Date	Oil	Water
	DGA	
1.		
2.		
3.		
4.		

ACID RECORD

Date	ST	Gallons
3-11-49		1000
3-12-49		1000
3-13-49	KANSAS	2500
3-27-49		1000

JUN 18 1949

15.009.006/6.00.00

SHEET NO. 1
Republic Natural Gas Company
Ellinwood, Kansas

REPUBLIC NATURAL GAS COMPANY
WELL RECORD

Lease Sette A

Well No. 1 Date 6-13-49

	31	0

Sec. 31 Twp. 17 Rge. 13
 Location NE NE SE County Barton
 Contractor Gabbert Drilling Co.
 Commenced 2-20-49
 Completed 5-11-49

CASING USED AND CEMENT

	Length	Weight	Left in Hole	Sax and Make Cement
Elev. <u>1860 RB, 1857 DF, 1854 Grd.</u>				
Anhyd. <u>805</u>				
Topeka				
Lansing K.C. <u>3117 RB (-12) 16" OD</u>				
Base K. C.				
Cong. <u>3327 RB (-1467) 13" OD</u>				
Miss. Lime				
Kinderhook <u>10-3/4"</u>				
Misner				
Hunton <u>8-5/8" OD</u>	<u>819'</u>	<u>287</u>	<u>814'</u>	<u>400 sacks Portland</u>
Sylvan Shale				
Viola <u>7" OD</u>				
Simpson				
Arbuckle <u>3354 RB (-1494) 5-1/2" OD</u>	<u>3377'</u>	<u>15.57</u>	<u>3356'</u>	<u>100 sacks Portland</u>
Basal Sand				
Pre-Camb <u>RTD 3364 R.R.</u>				
T.D. <u>3370 RB</u>				
Penetration <u>16'</u>				

Prod. Formation Arb. - On pumping tests well averaged 1 bbl. of oil and 123 bbls. of water per 24 hours. D&A.

SHOOTING RECORD:

LINER RECORD

Date _____ Size Shot _____

Size _____ Weight _____ From _____ To _____

Results On 3-11-49 shot open hole w/ 24 cone shots from 3356 to 3362. No increase.

On May 14 perforated from 3252 to 3255 w/ 9 shots and from 3281 to 3284 w/ 9 shots.

No fluid.

Deepening or Plugging Back Record:

Plugged back w/ plastic from 3370 to 3359 1/2.

Set Lane-Wells bridging plug at 3330.

NOTE: Explain how liner set.
(Packer bottom of hole, etc.)

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POTENTIALS:

ACID RECORD

Date	Oil	Water
1.	D&A	
2.		
3.		
4.		

Date	Gallons
3-11-49	500
3-12-49	1000
3-13-49	2500
3-27-49	1000

Conservation Div.

JUN 18 1949

STATE CORPORATION COMMISSION KANSAS

DRILLING LOG

REPUBLIC NATURAL GAS COMPANY

Lease Sette A
Well No. 1

County Harton
Sec. 31 Twp. 17 Rge. 13
Location NE NE SE
Elevation 1860 RB, 1857 DE, 1854 Ground

Total Depth 3370
Comm. 2-20-49 Comp. 5-14-49
~~Shot~~ Treated w/ 5000 gal. of acid
in 4 stages
Contractor Gabbert Drilling Company
Rotary T. D. 3364
Cable Tools From 3364 To 3370

CASING:
8 5/8" set at 814' w/ 400 sacks of cement,
cement circulated.
5 1/2" set at 3356' w/ 100 sacks.

Figures Indicate Bottom of Formations:

From	To		From	To	
0	30	Surface Clay	2660	2725	Shale
30	90	Sand & Shale	2725	2765	Lime & Shale
90	160	Shale & Shells	2765	2850	Lime & Shale
160	310	Shale & Shells	2850	2920	Lime
310	326	Shale	2920	2965	Lime
326	335	Pyrite	2965	3010	Lime
335	350	Sand	3010	3033	Lime
350	400	Sand	3033	3050	Cherty Lime
400	430	Sand	3050	3080	Lime
430	490	Pyrite & Shale	3080	3117	Shale
490	565	Shale & Shells	3117	3145	Lime
565	710	Shale, Red Bed & Shells	3145	3195	Lime
710	805	Red Bed	3195	3218	K.C. Lime
805	815	Anhydrite	3218	3266	Lime
815	835	Anhydrite	3266	3320	Lime
835	905	Red Bed & Shale	3320	3327	Lime
905	1220	Shale Shells & Red Bed	3327	3350	Conglomerate
1220	1300	Shale & Shells	3350	3354	Conglomerate
1300	1350	Salt & Shells	3354	3358	Lime (Arb)
1350	1535	Shale & Shells	3358	3361	Cored
1535	1580	Lime & Shale	3361	3364	Cored
1580	1750	Lime & Shale		3364	TD
1750	1870	Shale & Lime			
1870	1930	Lime & Shale			
1930	2075	Lime & Shale			
2075	2170	Lime			
2170	2210	Lime			
2210	2320	Broken Lime & Shale			
2320	2460	Lime & Shale			
2460	2515	Shale			
2515	2580	Broken Lime			
2580	2660	Lime & Shale			

(SEE OVER FOR CORING RECORD)

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Oil & Gas Div.

JUN 18 1949

STATE CORPORATION
COMMISSION
KANSAS

Cored from 3358 to 3364 R.B. recovering 5 1/2' of dolomite w/ lightly spotted vugular porosity carrying oil. A Johnston drill stem tester was run with the packer set at 3355' and open 30 minutes recovering 20' of oil and 10' of mud, gravity of oil being 36.6 corrected. A light blow was noticed for the full 30 minutes. There was no bottom hole pressure.

Commenced 2-19-49

DRILLERS WELL LOG

Completed 3-6-49

Sette A-1

From	DEPTH	To	FORMATION	REMARKS
0		30	Surface Clay	
30		90	Sand & Shale	
90		160	Shale & Shells	
160		310	Shale & Shells	
310		326	Shale	
326		335	Pyrite	
335		350	Sand	
350		400	Sand	
400		430	Sand	
430		490	Pyrite & Shale	
490		565	Shale & Shells	
565		710	Shale, Red Bed & Shells	
710		805	Red Bed	
805		815	Anhydrite	Run 25 jts of 8 5/8"
815		835	Anhydrite	Surface pipe, cemented
835		905	Red Bed & Shale	with 400 sacks cement
905		1220	Shale Shells & Red Bed	
1220		1300	Shale & Shells	
1300		1350	Salt & Shells	
1350		1535	Shale & Shells	
1535		1580	Lime & Shale	
1580		1750	Lime & Shale	
1750		1870	Shale & Lime	
1870		1980	Lime & Shale	
1980		2075	Lime & Shale	
2075		2170	Lime	
2170		2210	Lime	
2210		2320	Broken lime & Shale	
2320		2460	Lime & Shale	
2460		2515	Shale	
2515		2580	Broken lime	
2580		2660	Lime & Shale	
2660		2725	Shale	
2725		2765	Lime & Shale	
2765		2850	Lime & Shale	
2850		2920	Lime	
2920		2965	Lime	
2965		3010	Lime	
3010		3033	Lime	
3033		3050	Cherty lime	
3050		3080	Lime	
3080		3117	Shale	
3117		3145	Lime	
3145		3195	Lime	
3195		3218	K.C. Lime	
3218		3266	Lime	
3266		3320	Lime	
3320		3327	Lime	
3327		3350	Conglomerate	
3350		3354	Conglomerate	
3354		3358	Lime (Arb)	
3358		3361	Cored	
3361		3364	Cored	
3364			TD	

MAY 1 1949
 PLUGGING
 FILE SEC 2LT-17R-13W
 97
 BOOK PAGE 97

Run 103 jts. of 5 1/2" casing
 & cemented with 100 sx cement.

REPUBLIC NATURAL GAS COMPANY
DALLAS 1, TEXAS

FIELD ORDER

Ellinwood Kansas

(District)

No. 43769

DATE *6-4* 194*9*

TO *State Corporation Commission*

ADDRESS *100 Ritzing Building Wichita Kansas*

PLEASE DELIVER TO: *Princeton*
(Party receiving material)

LOCATION *Sect 4* WELL NO. *1*

INTENDED USE *Plugging well* A.F.E. *8.50*

STATE CLEARLY AND CHECK WHETHER: NEW WORK SUPPLIES OR EXPENSE REPAIRS

Quantity	Description	Price
	<i>Sect 4 "A" Well No. 1</i>	
	<i>NENE 8 E 31-17-13W</i>	
	<i>FILE NO. 97-11</i>	<i>\$2.500</i>

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Conservation-Div.

JUN - 6 1949

PLUGGING WELL
31-17-13W STATE CORPORATION

FILE NO. *97-11* COMMISSION
KANSAS

Sales Order No.

File 97-11

By *Theodore P. ...*

INSTRUCTIONS and CONDITIONS

1. Render ITEMIZED Invoice in TRIPLICATE and mail PROMPTLY to REPUBLIC NATURAL GAS CO., Dallas 1, Texas.
2. Render separate Invoice for each order and show above number thereon; otherwise Invoice will be returned unpaid.
3. Indicate on Invoice discount for ten-day or monthly payment.
4. Delivery against this order constitutes acknowledgment by seller that all applicable governmental regulations and laws have been complied with.

RETAIN THIS COPY FOR YOUR FILES