

WELL PLUGGING RECORD

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

Seward County, Sec. 34 Twp. 34S Rgc. 32 (E) W (W)

Location as "NE/CNW&SW $\frac{1}{4}$ " or footage from lines NW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$

Lease Owner Pan Eastern Exploration Company

Lease Name Breen-Renfrew Well No. 1

Office Address P. O. Box 828 Liberal, Kansas 67901

Character of Well (completed as Oil, Gas or Dry Hole) Gas Well

Date well completed April 25 19 57

Application for plugging filed May 31 19 76

Application for plugging approved June 1 19 76

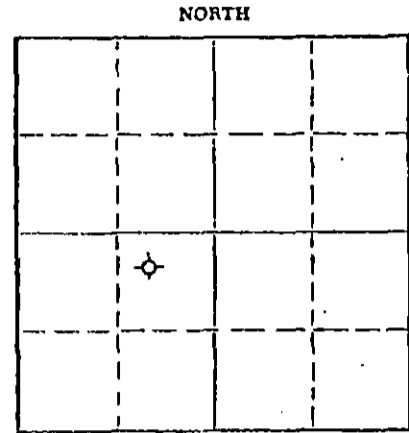
Plugging commenced June 30 19 76

Plugging completed July 6 19 76

Reason for abandonment of well or producing formation depleted

If a producing well is abandoned, date of last production March 10 19 76

Was permission obtained from the Conservation Division or its agents before plugging was commenced? yes



Locate well correctly on above Section Plat

Name of Conservation Agent who supervised plugging of this well Clarence Thomas

Producing formation Morrow Depth to top 5960' Bottom 5965' Total Depth of Well 6300 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
Marmaton	water	5278'	5298'	13-3/8"	655	0
Morrow	gas	5960'	5965'	8-5/8"	2402'	1200'
				5-1/2"	6155'	2805'

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.

Cast iron bridge plugs with 10' sand on each at 5900' and 5000'.

Shot 5-1/2" casing at 4000', 3000' and 2805'. Loose at 2805'. Pulled

5-1/2" to 2200'. Spotted 50 sxs cement at 2200'. Pulled remaining 5-1/2".

Shot 8-5/8" casing at 1690', 1321' and 1200'. Loose at 1200'. Pulled

8-5/8" to 600'. Spotted 35 sxs at 600'. Pulled remaining 8-5/8". Placed

20 sxs cement from 5' to 30'. Cut 13-3/8" off 5' below ground level and

capped same.

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

Name of Plugging Contractor Sargent's Casing Pulling Service

Address P. O. Box 506 Liberal, Kansas 67901

STATE OF Kansas, COUNTY OF Seward, ss.

Jack P. Phillippe (employee of 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.

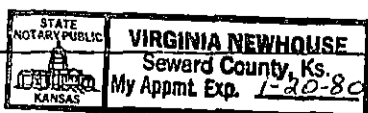
(Signature) Jack P. Phillippe

P. O. Box 828, Liberal, Kansas 67901

(Address)

SUBSCRIBED AND SWORN TO before me this 7th day of July, 1976

My commission expires



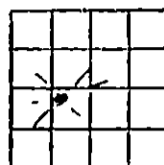
Notary Public.

WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company: GABBERT-JONES DRILLING CO., INC. SEC. 34 T. 34 R. 32W
Farm: Breen-Renfrew No. 1 NW NE SW

Total Depth. 6300
Comm. 2-22-57 Comp. 3-31-57
Shot or Treated.
Contractor. Gabbert-Jones Drilling Co., Inc.
Issued. 6-29-57

County Seward
KANSAS



CASING:
13 3/8 @ 645' w/ 600 sx cmt.
5 1/2 @ 6300' w/ 200 sx cmt.

Elevation 2788
Production 1,860,000 CFGPD
STATE CORPORATE DEVELOPMENT COMMISSION
SEP 22 1980
CONSERVATION DIVISION
Wichita, Kansas

Figures indicate Bottom of Formations.

surface soil & clay	160
sand & clay	579
shale & shells	645
sand & shale	808
sand & red bed	930
red bed & anhydrite	963
shale & shells	1517
shale & anhydrite	1558
sand & anhydrite	1784
shale & shells	1932
shale & gyp	2025
shale & anhydrite	2140
shale	2233
shale & lime	2339
anhydrite	2364
lime	2435
sandy lime	3149
lime	3585
lime & shale	4633
lime	4767
lime & shale	4825
lime	5576
lime & shale	5967
shale & sand	6030
shale & lime	6300
Total Depth	

Sampl. Tops by Co.	Log Tops by Co.
Kri 2676	Hall 2654
Wrs 2989	Herr 2693
C. G. 3109	Kri 2704
Ter 4459	Winf 2774
Lans 4583	U/Ft. Riley 2839
Marm 5286	L/Ft. Riley 2901
Char 5477	Wrs 3111
Mor 5890	C. G. 3130
sd 5931-47	Heeb 4437
	Ter 4456
	Lans 4588
	Marm 5276
	Char 5463
	Mor 5883
	sd 5928-34
	sd 5958-69
	sd 5995-6023
	sd 6064-83
	Chester 6098

SCOUT TOPS:

Heebner	4437
Toronto	4456
Lansing	4588
Marmaton	5276
Cherokee	5463
Morrow shale	5883
Morrow sand	5928
Mississippi	6088

ran log 2402:
DST (KC) 5178-89, op 1 hr, rec 10' M & 180'
MSH, FP 10-85, MHP 1625/20:
5935-51, rec 6' sh; RTD 6300, ran log:
MUCT, CO 1, ran G/H, perf 56/6066-80, A/
1000 M, 1 hr BU g 162 MCF:

7 hr BU g 260 MCF / AN, frac/15000,
sd/15000, swab lead, g 62 MCF,
3 1/2 hr SI, swab 6 BSW in 3 hrs,
g 108 MCF, pl 8 6052, PB 6041,
perf 76/6003-22, g 124 MCF, A/1000
M, 3 hr BU g 240 MCF, frac/3000,
sd/5000, frac/5000, sd/5000:
swab lead, sd, frac/11000, A/
500 M, frac/3000, No sd, A/500 M,
frac/500, No sd, frac/7000, sd/
7000, frac/500, No sd, swab, ES,
pl 8 5990, perf 20/5957-64, 1 1/2
hr BU g 1,140 MCF, A/500 M, frac/
5000, sd/5000, 88 hr BU g 1,860
MCF:
ran 2" T. to 5953, 1 pt EPT 24 hr BU
g 1,860 MCF, dry, FTP 0, FCP 25,
Cal. OF 1,860 MCF, SITP 1000%,
SICP 1000%.

CSO TOPS; CORRECTION 6-28-57
Elevations: 2788 K.B.
Heebner 4428(-1640)
Douglas 4438(-1650)
Lans. 4588(-1800)
Morrow 5883(-3095) *rec*
S2 Sd. 5928(-3140), T 8', por 0, N.T. 45
S2 Sd. 5958(-3170), T 11', por 6', gas g. 1,900
MCF 75
S2 Sd 5995(-3207), T 29', Por 0, S.G. 112
S3 Sd 6064(-3276), T 19', por 6', gas g 200MCF
Chester 6136(-3348)
TD 6300(-3512)

GABBERT-JONES DRILLING CO., INC.
 WICHITA, KANSAS
 DRILLER'S WELL LOG

BREEN-RENFREW #1
 NW NE SW SECTION 34-34-32
 SEWARD COUNTY, KANSAS
 COMMENCED 2-22-57
 COMPLETED 3-31-57

DEPTH		FORMATION	REMARKS
FROM	To		
0	160	SURFACE SOIL & CLAY	
160	579	SAND & CLAY	
579	645	SHALE & SHELLS	RAN 645' OF 13-3/8" CASING, CEMENTED @ 645' w/600 SACKS CEMENT.
645	808	SAND & SHALE	
808	930	SAND & RED BED	
930	963	RED BED & ANHYDRITE	
963	1517	SHALE & SHELLS	
1517	1558	SHALE & ANHYDRITE	
1558	1784	SAND & ANHYDRITE	
1784	1932	SHALE & SHELLS	
1932	2025	SHALE & GYP	
2025	2140	SHALE & ANHYDRITE	
2140	2233	SHALE	
2233	2339	SHALE & LIME	
2339	2364	ANHYDRITE	
2364	2435	LIME	
2435	3149	SANDY LIME	
3149	3585	LIME	
3585	4633	LIME & SHALE	
4633	4767	LIME	
4767	4825	LIME & SHALE	
4825	5576	LIME	
5576	5967	LIME & SHALE	
5967	6030	SHALE & SAND	
6030	6300	SHALE & LIME	
6300	TD		RAN 6300' OF 5 1/2" CASING, CEMENTED w/200 SACKS CEMENT.

RECEIVED
 STATE GEOLOGICAL COMMISSION
 JUN 10 1 1973
 CONSERVATION DIVISION
 WICHITA, KANSAS

I, E. E. HALL, CERTIFY THIS TO BE A TRUE AND CORRECT COPY OF THE DRILLER'S WELL LOG FOR THE BREEN-RENFREW #1.

E E Hall

STATE OF KANSAS)
)
 COUNTY OF SEDGWICK) SS

BEFORE ME, THE UNDERSIGNED, A NOTARY PUBLIC, WITHIN AND FOR SAID COUNTY AND STATE ON THIS 4th DAY OF April, 1957, PERSONALLY APPEARED E E Hall TO ME PERSONALLY KNOWN TO BE THE IDENTICAL PERSON WHO EXECUTED THE WITHIN AND FOREGOING INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME AS HIS FREE AND VOLUNTARY ACT AND DEED FOR THE USES AND PURPOSES THEREIN SET FORTH.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND OFFICIAL SEAL THE DAY AND YEAR LAST ABOVE WRITTEN.

MY COMMISSION EXPIRES Dec. 19, 1960

Marjorie Brink
 NOTARY PUBLIC