

COLORADO GAS CONSERVATION COMMISSION

No.

Weld County
Field

Well Log Record Buckingham-New-
Raymer
Company Ramsey Petroleum Corporation

Casing Record
Size Feet

Lease St. Anthony Well No. 1
Location SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 15 Twp. 7N Rge 59W



00209617

Commenced Sept. 8, 1932 Completed Dec. 31, 1932

Elevation 4929' Tools used C R

Initial Prod. Bbls Oil

Bbls Water Cu. Ft. Gas

Remarks:

Log Furnished By

U. S. G. S.

E

Bottom	Formation	Bottom	Formation
--------	-----------	--------	-----------

52	Surface		
54	Hard shell		
95	Yellow clay		
291	Shale		
292	Hard sandy lime		
1395	Shale and shells		
2450	Shale		
2990	Sandy shale		
3100	Black shale		
3105	Sand heavy		
3165	Black shale		
3167	Shell sandy		
3295	Shale and sand		
3560	Sandy shale and shells		
5075	Shale and shells		
5155	Hard brown lime and shale		
5435	Shale shell at 5573'		
5665	Limey shale shell at 5598'		
5845	Limey shale shell at 5858'		
5915	Shale shell at 5902'		
5945	Shale and lime shells		
6045	Limey shale		
6200	Lime		
6264	Timpas lime		
6463	Lime and shale		
6667	Shale		
6676	Brown lime		
6685	Black shale		
6700	Muddy sand, cored 6676-6692'		
6760	Heavy black shale and sand		
6790	Dakota sand, cored 6760-6765'		

THE MIDWEST REFINING COMPANY

Weld CO., Colorado

COMPANY Ramsey Brothers

FIELD Greasewood COORD.

LEASE St. Anthony No. 1

ELEV. 4945 T. D.

SURVEY

SPUDDED 9-7-32 COMPL. as gas well in Muddy sand 2-1-33

SEC. 15 T. 7 R. 59

DRLG. METHOD

SEC. BLK.

RESULTS

SOUTHWEST CORNER NE $\frac{1}{4}$ SE $\frac{1}{4}$

CASING RECORD 15 $\frac{1}{2}$ " 2920

7" 6679

RECEIVED

AUG - 9 1971

5 3/16" 6765' Pulled and
Dakota cemented off

COLO. OIL & GAS CONS. COM.

0	52	Surface
	54	Shale, hard
	95	Clay, yellow
	210	Shale and sand
	291	Shale
	292	Lime, hard, sandy
	440	Shale and shells
	1395	Shale and shells
	2558	Shale and sandy shale
	2990	Shale, sandy
	3100	Shale, black
	3105	Sand (Hygiene)
	3165	Shale, black
	3167	Shell, sandy hard
	3295	Sand and shale
	3297	Sand, hard
	3325	Shale
	3560	Shale, sandy and shells
	4596	Shale
	4715	Shale, sandy and shells
	4902	Shells, hard and shale
	4992	Shale and shells
	5075	Shale and hard shells
	5115	Shale
	5117	Shale, hard
	5130	Shale
	5155	Lime, hard, brown and shale
	5435	Shale
	5565	Shale, broken limy
	5610	Shale, broken, limy. Shell at 5575 - Shell at 5598
	5665	Ditto
	5740	Shale, limy
	5770	Shale
	5845	Shale, limy
	5915	Shale, shell at 5858'
	5945	Shale and lime shells. Shell at 5902'

6045	Shale, limy
6084	Shale, limy
6188	Shale
6200	Shale
6269	Lime (Timpas)
6460	Shale
6463	Lime and shale
6685	Shale
6705	Sand shale "Muddy" Gas - 6 M when drilled in on completion 4M Pressure 1400#
6711	Sand and shale
6758	Shale
6795	Sand - Dakota - Oil Water 6762 to 6795' 20 bbls per hr

TD

DVR	
FJP	
HMM	
JAM	
JJD	Plotted

PEA m plat
map

9/21/87

Steve will
double check
Written Account
says plugged
in 1933

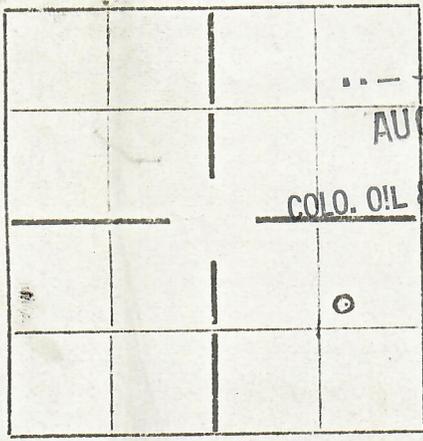
OK SP
/

Nov 10 1986

abb

STATE - Colo
COUNTY Weld

AREA Buckingham



Operator Ramsay Bros.
Farm Tigue (St. Anthony)
Sec 15 T. 71N. R. 59

AUG - 9 1971

4640 DF

COLO. OIL & GAS CONS. COMM.
Spud 9-7-52 Comp. Feb 1-1953 T. D. 6791 Elev. 4924 (Cont)

Contractor Gurnell & Muddy Sand

Initial Production

gas 6685-6690. *Faded - oil 28-40 API - 1 1/2% water*
D) Muddy sand 6685-6700 - 4,750,000 cu. ft. 1700 lb. H₂S
D) Dakota 6758-6791, show oil + water, flowed
plugged back & left 2 joints 5 inch.
Cemented back to 6721

Weld County

The Ramsey Petroleum Co.'s No. 1 Tigue (St. Anthony), SW NE SE, Section 15-7N-59W, in the New Raymer district, which created widespread interest in 1932 when it showed for 6,300,000 cu. ft. of gas per day in the Muddy sand at 6,722-92 ft., and when deepened into the top of the Dakota sand flowed by heads at intervals of 10 minutes, is to be plugged and abandoned. The status of the well has been unknown for a number of years and recently the Ramsey interests made a contract with the American Pipe & Supply Co., of Denver, to take over the well and some nearby acreage, to make a test and ascertain the facts.

After encountering the gas in 1932 in the Muddy sand, drilling was continued to the Dakota. It is believed to have penetrated several feet or the last named formation before the oil appeared in the pit. The sand then was cored from 6,760 to 6,765 ft. and showed heavy saturation. Reliable information reported the well actually flowed better than 1,000 bbl. per day. It was then killed and the 5 1/2-in. casing was run to 6,722 ft. and perforated for 5 ft. at the bottom and opposite the Muddy gas sand. After going through a 3-ft. break it went back into a soft sand showing water. Cement was run in an attempt to bridge the hole in the 3-ft. break, but this did not prove successful and the hole was plugged back and completed as a gas well in the Muddy.

During the past few weeks the well was cleaned out and tested. Julius Goodstein, for the American Pipe & Supply Co., says that it was given an extensive bailing test in which it showed about 25 per cent oil and 75 per cent water in the bailer each time it was run. This water, he says, is coming from the Dakota according to the log from which he was working, and not the gas sand. The latter, according to his information, was cemented off several years ago. This, however, is not shown in available records. It was decided that on account of the quantity of water in proportion to the oil from the 5-ft. sand it would be difficult to shut it off and that the pipe is being pulled to abandon. Subsequently Ramsey drilled another well 3/4 mile to the southwest which proved to be running low and was abandoned. A test to the east of the gasser was planned for this spring, but did not materialize. Whether No. 1 Tigue was a flank well on the west side of the structure, as many contended, therefore has never been determined. The operation started one of the most extensive drilling campaigns eastern Colorado had experienced up to that time. It appears that water has been standing on the sand in the Tigue well for a number of years.

The Oil and Gas Journal, 11/2-39,

C-SW-NE-SE
Muddy
Faded Sand - 6M gas abundant
Rock Pressure - 1400
On Completion - 4M. Gas.
Gas shows 25% gas
in 1000 cu. ft.

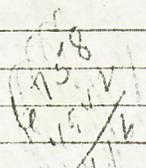
Hyd - 3270-3425
Base Tennes - 6719
Top Muddy - 6680-6711
Top Dakota - 6758
Dakota H₂O - 20 bbl. per ft.

BEST IMAGE AVAILABLE

1-23-33 own drilling mud to test.
26-33 drilled at bridge, 3 ft cement to 6724.

2-23-52 - 5.2 - 2005. Start of gas in Muddy - Fall - end of Aug.
well shut up
Comp.

15' 12 2969
7' 6679
5' 116 6765
Pumped
flowed at
Dakota



6720
6720
6720
6720

6738
490
191

D 6690
6758

DVR	
FJP	
HHM	
JAM	
JJD	