



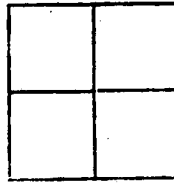
Shields

Russell, Kansas

WELL LOG

Operator: Broadview Oil Company
 Well: Beardmore #W-11
 Commenced: August 6, 1964
 Completed: August 13, 1964
 Contractor: Shields Drilling Co., Inc.

Well Description: C W/2 SW/4
 Sec. 2-9S-16W
 Rooks County, Kansas



CASING RECORD		
Size	Run	Pulled
3 5/8"	1,285'	Cmtd. w/650 sax
4 1/2"	3,384'	Cmtd. w/150 sax

Elevation: 2004KB
 Treatment:
 Production:
 Tops:

Figures Indicate Bottom of Formations

Shale, shells, sand & rock	795'
Shale, shells & sand	1,190'
Shale & shells	1,278'
Anhydrite	1,318'
Shale & shells	1,675'
Shale, shells & lime	2,000'
Lime & shale	2,895'
Lime	3,385' RTD

State of Kansas
 County of Russell

RECEIVED
 STATE CORPORATION COMMISSION
 9-10-1964
 SEP 10 1964
 CONSERVATION DIVISION
 Wichita, Kansas

I certify that to the best of my knowledge this is a true and accurate copy of the well log of the Beardmore #W-11 located C W/2 SW/4 Sec. 2-9S-16W Rooks County, Kansas

Signed B. T. Shields

Notary Public Agnes M. Cappel

My commission expires January 31, 1968

JAMES I. DANIELS
PETROLEUM GEOLOGIST

PETROLEUM GEOLOGIST

SCHWEITER BUILDING
WICHITA, KANSAS
AMHERST 5-0614

RECEIVED
STATE CORPORATION COMMISSION
JAMES R. DANIELS
GEOLOGICAL ENGINEER

August 31, 1964

SEP 10 1964

CONSERVATION DIVISION
Wichita, Kansas

State Corporation Commission of Kansas
Oil and Gas Conservation Division
500 Insurance Building
Wichita, Kansas

2-9s-16w

RE: Permit #74,376-C (C-11,185)
Broadview Oil Company Livingood Lease
Permit #74,375-C (C-11,184)
Broadview Oil Company Beardmore Lease

Gentlemen:

In accordance with the provisions of the referenced permits, herewith is the completion information on the Livingood W-10 and Beardmore W-11 water injection wells:

Livingood W-10
400' FSL x 50' FSL
NW/4 Section 11-9S-16W
Laton Pool
Rooks County, Kansas

Casing Record: 8 5/8", 28#, from 0 to 1323', cemented to surface
4 1/2", 9 1/2", set at 3459', cemented from 3459 to 2786'
with 125 sacks
Zones Perforated: 3183-87; 3202-04; 3214-20; 3225-28; 3238-46;
3256-60; 3297-3302; 3307-12 in the Toronto and
Lansing-Kansas City formations
2 1/2" cement line tubing at 3000'
Date of first water injection: August 10, 1964
Rate of injection: Approximately 300 barrels per day
Drillers Log attached

Beardmore W-11
1300' FSL x 50' FWL
SW/4 Section 2-9S-16W
Laton Pool
Rooks County, Kansas

Casing Record: 8 5/8", 28#, from 0 to 1278', cemented to surface
4 1/2", 9 1/2", from 0 to 3384', cemented from 2648
to 3384' with 125 sacks
Zones Perforated: 3122-24; 3135-38; 3144-46; 3159-66; 3177-79;
3205-07; 3217-20; 3226-33 in the Toronto and
Lansing-Kansas City formations
2 1/2" cement line tubing at 3000'
Date of first water injection: August 19, 1964
Rate of injection: Approximately 300 barrels per day
Drillers Log attached

JRD/rml

Yours very truly,

James R. Daniels