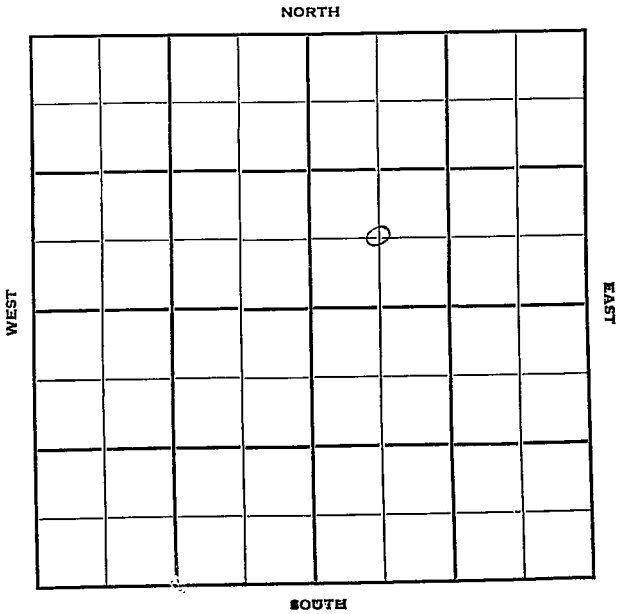


Section 8 Township 32 Range 27-W

Well No. #1 Collingwood

Company Northern Natural



Sec. 8 Twp. 32

R.

27W

Well No. #1 Collingwood

Farm

Northern Natural 3/4%

Company

Mid Continent 1/4% of sec. 8

Moran Drlg.

Contractor

Wildcat

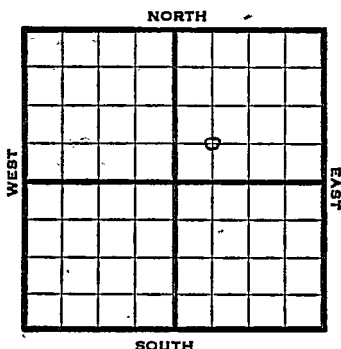
Ft. from N. Line

660' Ft. from S. Line

Ft. from E. Line

660' Ft. from W. Line

C SW NE



1950	Elev. 2538'	REPORT
10/25	Location	Miss Test 6500'
11/6	Gournd 11" hole 608 fet 20 inch hole 332' - 16" pipe set 308' ground level 316' to rotary table 400 sacks cement 3 sacks calcium chloride. plug down at 10 a.m. 11-6-50 cement circulated wait 48 hours on cement. (Wire)	
11/9	Drilling at 1354'.	(Stalder-Wire)
11/10	Drilling 1685'	"
11/13	Drilling 2296'	"
11/14	Drilling 2452'.	"
11/15	Drilling 2550'.	"
11/16	Top Hollenberg 2580' Drilling 2630' Expect to run pipe at 2640'.	"
11/17	Set 2640.95 of 9-5/8" to rotary table, run 50 sacks jell 300 sacks cement four percent jell, 1/2 lb. flo seal. Jell circulated pipe. RTD. 2643' plug down at 523 AM 11-17-50	"
11/20	Drilled plug at 5:00 AM at 2695'.	"
11/21	No Report.	(DR)
11/21	Drilling 2864' lime & shale.	(Wire)
11/22	Drilling 2864' lime & shale.	(DR)
11/22	Drilling 3005'.	(Wire)
11/24	Drilling 3299'.	"

1940

11/25	Run DST. at 3456'.	(Wire)
11/27	DST. 3440'-59'	
	Open 1 hr.	
	Rec. 150' muddy salt water.	(Key)
11/27	Drilled to 3459'	
	Packer set at 3440'	
	Rec. 150' mud, slight stain of oil	
	BHP. 770# 11-26-50	
	Drilling 3628' 11-27-50	(Wire)
11/28	Drilling 3765'.	"
11/29	Drilling 3995' lime.	"
11/30	Drilling 4133' shale & lime.	"
12/1	Drilling 4277'.	"
12/2	Drilling 4405' broken lime.	"
12/4	Taking DST. 4558'-69'	"
12/4	DST. 4555'-75'	
	Open 1½ hrs.	
	Rec. 30' oil & gas cut mud	
	630' gas in drill pipe	
	BHP. 550#.	(Mr. Pierce)
12/5	DST. #2 4555'-4575'	
	Open 90 minutes	
	Rec. 30' slight oil & gas cut mud	
	630' gas in drill pipe	
	15" shut in BHP 550#	
	Drilling ahead 4670'.	(Wire)
12/5	Top Lansing lime 4380'	
	Good show oil & gas in samples	
	at 4558'-69'.	(Key)
12/6	Drilling 4670'.	(D R)
12/6	Drilling 4765'.	(Wire)
12/7	Drilling 4886' lime, shale and	
	chert streaks.	"
12/8	No report.	(D R)
12/8	Drilling 4986' lime.	(Wire)
12/9	Drilling 5057'.	"
12/10	Drilling 5143'	
12/11	Twist off 5221'	
	Rec. twist, going back in hole.	
12/12	Drilling 5304'.	"
12/13	Drilling 5356'.	"
12/14	Drilling 5409'.	"
12/15	Drilling 5515'.	"
12/16	Drilling 5590'.	"
12/18	Drilling 5620'.	(D R)
12/18	Drilling 5691'.	(Wire)
12/19	Drilling 5789' lime & shale.	"
12/20	Drilling 5850'.	"
12/21	Drilling 5948' lime chert and shale.	"

#1 Collingwood

1950

12/22 Drilling 6005' lime & chert. (Wire)
 12/23 Drilling 6090' - We are in StLouis
 Member of Mississippain.
 12/26 Drilling 6104'. "
 12/27 Drilling 6168'. "
 12/28 Drilling 6267' Dol & chert. "
 12/29 Drilling 6375' lime. "
 12/30 TD. 6450' - shut down
 To change out mud pump.
 Expect to start up at midnight. "
 1951
 1/2 Drilling 6503'. "
 1/3 Drilling 6561' lime & shale. "
 1/24 Miss. 5580'
 Viola 6970'
 Simpson 7115'
 Arbuckle 7140'
 Drilling at 7896' to Regan Sand
 Probably to Granite. "
 1/29 Drill pipes stuck at 8050'
 in Arbuckle - no shows. "
 2/1 Drilling 8062' in Arbuckle. "
 2/8 Pipe stuck at 8083'. "
 2/21 Spud 11-4-50
 D & A TD 8083'
 16" @308 Holl. 2580
 9-5/8" @2640
 DST 3440-59 open 1 hr. rec. 150' muddy
 SW
 DST 4555-75 open 90 min. rec. 30' sli
 O & GCM 630' gas
 Lans. 4380 Her. 2620 Krider 2650
 Win. 2720 Ft. Riley 2790 Miss 5580
 St. Lewis 5960 Arb. 7140
 Viola 6970 Simp. 7115
 TD 8083 D & A

ABANDONED

County Meade State KansasSec. 8 (Blk.) 32 (Sur.) 27W Map No.Operator Northern NaturalWell No. 1 Farm CollingwoodElev. 2538 Location C SW NE

FIRST REPORT

660 Ft. From S Line NE660 Ft. From W Line Quarter1st. Report OCT 25 1950

Completion

Remarks Miss. test

Spudding Date

Drlg. Data WildcatLocation

J. E. TYRA