

STANCLIND OIL AND GAS COMPANY.
 John H. Herter No. 1.

SEC. 17 T. 20 R. 11W.
 Center NE NE 1980' N of SL.
 1980' E. of W.L.

DEEPENING RECORD.

Total Depth, 3593
 Comm. 2-18-34 Comp. 4-12-34
 Shot or Treated,
 Contractor.
 Issued, 5-11-35.

County, Barton.

CASING.

Rotary



16" 151' 13" 232'
 7" 3469'11"

Elevation.

Production, DRY

Figures Indicate Bottom of Formations.

sand	98	broken lime	2965
shale and shell	103	shale	3015
sand water	117	shale and shells	3045
shale blue	170		

CORING RECORD.

lime	185		
red bed	490		
lime	525	3045-3057	Cored - Recovered 11/12
shale and shells	560	3045-3046	Hard lime oil Saturated (Dodge lime)
shale	850		
shale and lime shells	955	3046-3056 1/2	shale blue
salt	1200	3056 1/2-3057	light blue green shale
shale	1280		Reamed hole to 3045-3057
shale and shells	1356	3057-3075	Cored - 17/18 Recovery
shale and lime	1470	3057 1/2-3057 1/2	light blue green shale
lime	1509	3057 1/2-3063	Red shale
shale and lime	1645	3063-3065	Green shale
shale hard and lime	1700		Top of Oswald 3065
lime	1720	3065-3071	Lime slightly oil Saturated.
shale and lime	1873	3071-3075	Lime and shale partings.
shale	1938		Reamed 3057-3075
shale and shells	2030		Drilled 3075-3095
shale	2070	3095-3110	Cored 15/15 Recovery
lime	2077	3095-3097	lime and blk shale
shale and shells	2177	3097-3101	White lime
shale	2340	3101-3102	Shale blue
lime	2350	3102-3103	Lime and slightly Oil Sat.
shale	2460	3103-3107	White lime
lime	2483	3107-3110	White lime with shale parting
shale	2563		Reamed 3095-3110
lime	2600		Drilled 3110-3135
shale	2713	3135-3150	Cored No. Recovery core barrel plugged.
lime	2831		Reamed 3135-3150
shale	2841		Drilled 3150-3215
lime	2850	3215-3234	Cored 15/19 Recovery.
shale and lime	2894	3215-3232	White lime
shale and lime shells	2944	3215 1/2-3216	oil saturated.
lime	2955	3219-3221	Oil Saturated.
shale	3042	3232-3233	Green shale.
LOST OLD HOLE DRILLING THROUGH CEMENT AT 950'		3233-3234	Lime slightly oil Sat. 3233 1/2-34
13" casing recemented.			Reamed 3215-34
shale and shells 950-	1000	3234-95	Drilled 3234-95
salt	1350	3295-3305	Cored 8/10 Recovery.
lime and shale	1390	3295-3297	White lime
shale and shells	1555	3297 1/2-3297 1/2	Dark shale
lime	1625	3297 1/2-3303	White lime with shale partings
shale and shells	1665	3303-3305	no recovery.
lime and shale	1905	3303	Base Kansas City (Oswald lime)
broken lime	1965	3305-3310	Hole was not reamed 3295-3305
shale and shells	2120		Cored - No recovery (hard formation head gummed with sticky red shale and cutters flattened).
broken lime and shale	2180		Reamed 3305-10
shale	2310	3310-3315	Cored - No Recovery (hard formation head gummed with sticky red shale and cutters flattened.)
broken lime	2370		Reamed 3310-15
sticky shale	2425		
lime	2485		
shale	2645		
broken lime	2720		
shale and lime	2815		

OVER

- 3315-3320 Cored - No recovery (hard formation head gummed with sticky red shale and cutters flattened)
Reamed 3315-20
- 3320-3327 Cored 7/7 Recovery (soft formation head)
3320-3326 $\frac{1}{2}$ Weathered Green shale
3326 $\frac{1}{2}$ 3327 Greenish Brown dolomitic shale
Reamed 3320-3327 $\frac{1}{2}$
- 3327 $\frac{1}{2}$ -3332 $\frac{1}{2}$ Cored 3/5 Recovery (soft formation head)
3327 $\frac{1}{2}$ - 3332 weathered Green shale (2' recovered)
3330-3332 $\frac{1}{2}$ Soft light green shale with chert pebbles.
Reamed 3327 $\frac{1}{2}$ -3332 $\frac{1}{2}$
- 3332 $\frac{1}{2}$ -3334 Sdy green shale.
3334-3340 Cored 6/6 Recovery (soft formation head)
3334-3340 Sdy green shale with dolomitic lime Pebbles
Reamed hole 3334-40
- 3340-3348 Cored 4/8 Recovery (soft formation head)
3' dark green shale with pebbles of chert and dolomitic lime 1' light green shale.
3344 Base Pennsylvanian
- 3344-3430 (?) Simpson shale
Drilled 3348-50
- 3350-3354 Cored 2/4 Recovery (hard formation head)
3350-3354 light green shale.
Reamed 3350-3354
Drilled 3354-55'
- 3355-3365 Cored 5/10 Recovery (hard formation head)
3355-3365 hard white and brown crystalline dolomite fractured and cemented with green shale.
Reamed 3355-65
Drilled 3365-66
- 3366-3375 Cored 3/9 Recovery (hard formation head)
1 $\frac{1}{2}$ ' of soft green shale Strong sulphur water odor when taken out core Bbl.
1 $\frac{1}{2}$ ' of grey conglomerate, porous with fossils and pyrite having sulphur odor.
1 $\frac{1}{2}$ ' of soft green shale.
1 $\frac{1}{2}$ ' of hard crystalline lime (cold acid worked readily)
Reamed 3365-3375'
Drilled 3375-76'
- 3377-3387 Cored 1 $\frac{1}{2}$ /10 Recovery (soft formation head)
6" of green shale and chert pebbles (mostly cavings)
Reamed 3377-87.
Drilled 3387-3390.
- 3390-3393 $\frac{1}{2}$ Cored - 1 $\frac{1}{2}$ /3 $\frac{1}{2}$ recovery (soft formation head)
1 $\frac{1}{2}$ ' sdy green shale with small iron sulphide crystals. Strong odor of sulphur water.
reamed 3390-93 $\frac{1}{2}$
Drilled 3393 $\frac{1}{2}$ -96
- 3396-3406 Cored - 4/10 Recovery (hard formation head)
Green shale and pebbles of Oolitic chert with small crystals of iron sulphide. Strong odor of sulphur water.
Reamed.
Drilled 3404-10'
- 3410-3420 Cored 1/20 Recovery (hard formation head)
1' light Grey green dense shale interbedded with thin layers of buff dolomite
Reamed 3410-20'
Drilled 3420-24'
- 3424-3434 Cored 2/10 Recovery (hard formation head)
1 $\frac{1}{2}$ dense buff dolomite with crystals of pyrite and few porous places.
6" green shale.
reamed 3424-34
Drilled 3434-36
- 3436-3441 Cored 1 $\frac{1}{2}$ /5 Recovery (hard formation head)
6" dense buff dolomite with pyrite crystals and few porous places
3430 Top Siliceous lime
Reamed hole 3436-41
Drilled 3641-42 T.D. D & A.

NOTE. Material from 3320-3344 is Ordovician material reworked and weathered. A few pebbles of chert and dolomitic lime were recovered below 3344. but these seemed to be cavings. The hole caved considerably and made recovery of core difficult

Lansing (Oswald lime) 3065-3303
Siliceous lime 3430-3442.

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DEEPENING RECORD.

Old T.D.	3442.
Comm. 2-22-35	Comp. 3-12-35
Water Intake Well.	
lime grey 3442-	3443
lime white sdy	3479
lime white soft	3491
lime dense	3499
lime dense	3504
lime dense	3513
lime dense	3517
lime	3525
lime hard	3527
lime	3540
dolomite	3545
dolomite	3550
dolomite	3571
dolomite	3593
Total Depth.	

This well previously drilled to 3442.
in siliceous lime and was completed as a
dry hole 4-12-34.
hole opened up and cleaned out and
drilled ahead for purposes, of making
salt water input well.
3-7-8-35 Hole filled up to 700' from surface
Swabbed 35 bbls water per hour for
14 hours. Could not swab fluid level lower than
1000' from surface. This at T.D. 3499. Hole took
water at rate of 30 bbls per hr under 350#
pressure.

3-11-35. T.D. 3593. Hole took water at rate of
60 bbls per hr under no pressure. 230 bbls per hr
under 20 lbs pressure.

Lansing lime 3065-3303.
Siliceous lime 3430-3593. Rotary tools 3442-3593