

(Phillips farm)

Helmenek & Payne #1 ~~Sawage~~

Location 3-13-2700  
nec

Elev 2612

(all news, rop rot bushing - sub 2' for dr) 8 1/2 293

AN 2005 (+607) / 2290 5 1/2 2576  
2003 sch  
1' line 5' sample 3180  
plug 3485

3154 cor - 542

WEM T 3158 dt (-546) 3207 cor - 695

WEM LKC 3211 (1st) (-699) (Argentina?)  
and 18-19  
med soft 3312-16 (3-3-44) 3009 fast sat & por  
3311-20 3307-16 Schlem  
(see 3320-25 sample)

good

poor

good

3323-24 (3) water 3319-24 por (leached many fine)  
probe 15 - resid. oil

3324-27 (1-2-2) oil stain silt see Corel 3327

3392-95 3394 (7-4-6) sub-ool' or fossils fair sat - few por for  
3389-93  
see 3395-3400 & 3400-05 samples flight odor taste

3424-28 sl por ls - no stain (water?)

WEM Wintersort 3431 - 919 5 1/2 (Trip 3436 non ows)

poor

Bathany Falls 3462 (-850) 3458-62 cor

med sup 3463-65 (5-7) slight light stain, slight odor  
por ferrous

Heather 3510 3506 cor

BRC 3526 3522 cor - 910 slg 3554 8:30 AM

Mass-silty red sh at top - med mostly  
dk red sh (2 thin ls streaks) shale  
Very slow drilling (OWS) Trip 3644

(Bit balling up) change 3647-48 (30)(22)  
70-100 min

coal 3648 to clean up bit - slight sample 1/2 hr 70 sh 1 pc pink quartz

Bit cleaning up off 3649-50 (5) 3945-50 sample show

few clusters in any sh - gypsiferous

3650-54 (5-7-6-3) corel

3654 (1/2 hr) few clusters in any sh as above, sand by gtz gh  
Pintie  
in any sh

some ash phat in clusters + breath gly, gas  
Probably work

3654 (1 hr) mostly lg rd gly, (work) some asphalt

(Trace phos pink quartz)

3654 1 1/2 hr cor some (more crush)

D&S 3647-3648 Cor W 3649/3645 cor Corel 3654  
20 1/2 26 1/2  
-1035 -1081 -1037 -1033

traps

corel 3663 (1 1/4 hr)

(45 min) - wash - mostly rd gr.  
1 1/4 hr) much well red gran.  
Roundel (still wash)

Hard 3680-86 Corel 1 1/2 hr 3685

Some <sup>fresh</sup> biotite in dly sample  
(1/2 hr) fresh ~~sample~~ - much biotite

(1 hr) much biotite falls from etc

1 1/2 hr 3676 cor

Fr. Granite 3680  
2612  
-1064 68

TD 3685 3681 cor  
2612 -1069  
-1073

Ren Schlumberger 3685-3681 3/6/43 7 PM

3685 = 3682 SW 3682 SLOP

- 0-400 run
- 400-580 nit
- 1420 OSC
- 1665 SET "
- 2070 OSC "
- 2270 SET "
- 2490 OSC "
- 2675 OWS red
- 2817 " "
- 2960 JEMH "
- 3225 SE2HM "
- 3436 OWS
- 3641 OWS <sup>cones</sup> <sub>cored</sub>
- 3685 OWS
- TD

Schlumberger

Am 2003 T 3654

LIC 3307

~~slip per (3307-12, 14-15)~~

TD 3680

~~oil~~ but as good as some wells in clayton

(porous 3318-24 water)

oil

~~fan per 3389-93~~

slight? no

best per 3428-33 oil - test shallow

3rd curve no so good - but could be

(3458-62 fan per with no water)

Washed 3443 (shaly was 3450-54 per 3454)

From per 3466-70 Gr 3674 TD 3680

sand & grain wash has water

perf 3307-16 } → (water 3510-24

perf 3389-93 } set 5 1/2 casing 3518 3520)

perf 3458-62 } cem 150 6/ks

3/4 Pump plug float 3485, 20' of cem on pipe

6' cem to pack <sup>150</sup> cement 3470 SCM

after boring

slips Sewage #1  
braden head 6'4" below rotary table bushing

not connected or possibly Sp.	SUM and SDP	Schlum 3307-12 3314-15	perforated Rotary table Recommend 3306-16 zone A
3312-16 18-19	3308-15		
Foot water 3320-27	3320-24	3318-24	dent
SO 3392-95	3389-92	3389-93	3387-95 (Zone B)
Sorwin		3428-33	dent
SO 3462-66	3459-63	3458-62	3457-64 (Zone C) $\frac{3}{16}$ 3458 $\frac{1}{2}$ -64 12 1/2

zero (0) at 6'4" above slips in braden head  
5 1/2" float 3485 Rot table  
6'4" from top rotary table bushing to top  
slips in braden head  
strung in to float 37 stg. x 93 1/2" 3460 + 3 = 3463 1/2  
Lone wells line 3470, Hal (Finnish) 3471 3467 1/2  
some cement in braden - probably cement 3471-85

3/17/43  
zone C  
perforated 12 shots 3458 1/2 - 64 rotary mud no  
oil or water, washed 2 barrels with SD 12 AM to 11 AM  
Hole filled 200' salt water 11 hrs. bailed dry 12 PM (6 PM) 13 hrs  
91. rambo 7 1/2 AM - 11 AM 1/2 hole to 1 PM

3/18/43  
zone B  
Set L-W plug 3424-29 "sure shot" plug  
perforated 12 shots 3391-95 mud on gun all  
" " 12 " 3387-91 below to top  
1 barrel rot mud + cement - cement ok

zone A  
perf. 12 shots 3306-10 top shot on gun dry  
bailed 5 gal. rot mud next rot mud  
perf 12 shots 3310-14 top half gun dry  
7 gal. thin mud - bailed dry bottom half rot, mud

at in 100 ft water let set 4 AM 3/18 to 9 AM 3/19  
cut oil on top 200' water, Ray swab some to  
low perf. - wouldn't hold - bailed down to 70 ft  
top oil (3395) 6 PM 3/19 found at 3410 (at top)

Q Sawage #1

- 3/19 set Lava-walk 'Sew shot' plug 3325-30  
bail down - put in some water and wash  
will bail out and S.D. tribute
- 3/20 Wash out - S.D. over night  
25 gal water. Maghe left  
in or run down pipe  
3 gal oil (water coming from 3387-95)
- 3/20 500 gal acid chased 55 bbl wt  
MP 1000 lbs dropped to 600 few min - stays  
Drops in to 300 and down 2500 for top  
with 500 water at mid night bail dry  
3/21 more hot 800 water 20 ft oil  
bail dry S.D.  
try to bail dry - could not
- 3/22 8 AM 1200' salt water 50

D & A

March 1943  
St single  
2700 - 3685  
Wen