ROBERT STOLZLE
GEOLOGIST FILE 2ND STATE LEO

DRAWN: Mike Oil LLC
Maker: 2.33
Date: 2017
Scale: 1" = 50'

DST # 1 ZONE: Lansing 'C'-'F' Zones
INTERVAL: 3512-3585'

Pressures:	Time	Press.	RECOVERY
1. Initial Hydrostatic		1646psi	62' Gassed Oil Mud
2. Initial Flow: Start	0	78 psi	120' Gassed Oil & Oil Cut Mud
3. Initial Flow: End	30	107 psi	148' Gassed Oil & Oil
4. Initial Shut-in: End	60	878 psi	186' Gas & Oil
5. Final Flow: Start	0	103 psi	2' Oil & Gas
6. Final Flow: End	60	149 psi	
7. Final Shut-in: End	90	981 psi	
8. Final Hydrostatic		1623 psi	

BH: 102°F
Re: N/A
2nd Blow 1.30"

DST # 1
Interval: 3512-85'
Depth: 3585'

DST # 2 ZONE: Conglomerate Zone & Simpson Ss.
INTERVAL: 3535'-3630'

Pressures:	Time	Press.	RECOVERY
1. Initial Hydrostatic		1845psi	93' Mud with trace of Oil
2. Initial Flow: Start	0	127 psi	
3. Initial Flow: End	15	129 psi	
4. Initial Shut-in: End	30	611 psi	Blow Desc.
5. Final Flow: Start	0	133 psi	1st Hole Blow
6. Final Flow: End	15	139 psi	1st Hole Blow
7. Final Shut-in: End	30	539 psi	1st Hole Blow
8. Final Hydrostatic		1769 psi	1st Hole Blow

BH: 102°F
Re: N/A
(Total 2nd 30 blow blow)

DST # 2
Interval: 3535-3630'
Depth: 3630'

DST # ____ ZONE: ____
INTERVAL: ____

Pressures:	Time	Press.	RECOVERY
1. Initial Hydrostatic		____ psi	
2. Initial Flow: Start		____ psi	
3. Initial Flow: End		____ psi	
4. Initial Shut-in: End		____ psi	
5. Final Flow: Start		____ psi	
6. Final Flow: End		____ psi	
7. Final Shut-in: End		____ psi	
8. Final Hydrostatic		____ psi	
BH: ____			
Re: ____			

DST # ____
Interval: ____
Depth: ____

ABBREVIATIONS USED

ROCK TYPES:
Ls = Limestone
Dol = Dolomite
Ss = Sandstone
Sh = Shale
Ch = Chert
Cong = Conglomerate
Bkn = Broken
Sdy = Sandy

COLORS:
Bk = Black
Gy = Gray
Wh = White
Gn = Green
Bn = Brown
Rd = Red
Yl = Yellow
Pk = Pink

HARDNESS:
Sft = Soft
Mod Sft = Moderately soft
Hd = Hard
Vry Hd = Very hard

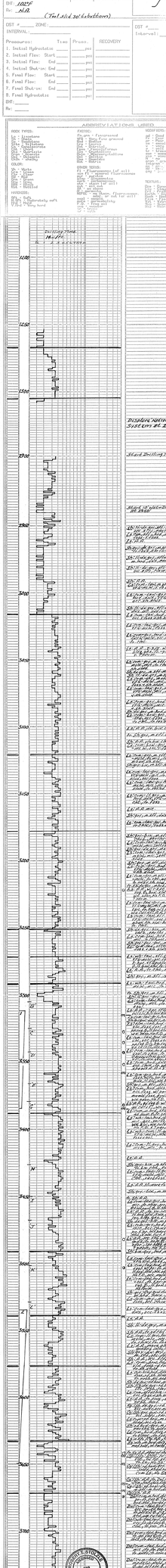
FACIES:
Frgm = Fragmental
Xln = Xtal fine grained
Xlm = Xtalline
Xlt = Xtalline
Clst = Classification
Dpst = Deposition
Ldm = Limestone
Dm = Dolomite
Sdy = Sandy

OTHER TERMS:
Fl = Fluorescence (of oil)
Ssh = Sub-sharp (contacts)
mod = moderate
sft = soft (drilling)
hd = hard (drilling)
Ind = Indurated
Ptl = Partial
Ptly = Partially
Bkn = Broken
Frgm = Fragmental
Xln = Xtalline (fine grained)
mod = moderate (of oil)
poro = porosity
Ind = Indurated
Ptl = Partial
Ptly = Partially
Bkn = Broken
Frgm = Fragmental
Xln = Xtalline

MOSAIC TERMS:
pf = Poor
ff = Fair
gf = Good
vf = Very Good
ef = Excellent
f = Fine
m = Medium
c = Coarse
vc = Very coarse
ang = Angular
sbang = Subangular
sbrd = Subrounded
rd = Rounded
sdy = Sandy

TEXTURE:
Fn = Fine
Mdm = Medium
Crs = Coarse
Vfn = Very fine
Vcrs = Very coarse
Xln = Xtalline
Frgm = Fragmental
Bkn = Broken
Sdy = Sandy

OIL SHOWS
○ Weak Oil Show
○ Fair Oil Show
○ Good Oil Show
○ Excellent Oil Show



GEOLOGICAL STUDY
ROBERT STOLZLE
GEOLOGIST