27-30-8W

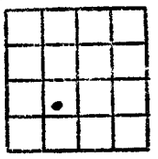
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company- STANOLIND OIL & GAS COMPANY
Farm- Joe Tjaden "B" No. 1

SEC. 27 T. 30 R. 8W
SW NE SW
1650' N of SL, 1650' E of WL of SW/4

Total Depth. 4475 ; PB 4443
Comm. 6-13-54 Comp. 7-1-54
Shot or Treated.
Contractor.
Issued. 8-7-54

County Kingman
KANSAS



Elevation. 1648 RDB.

CASING:
8 5/8" 223' cem. w/250 sx
5 1/2" 4474' cem. w/200 sx

Production. 161 Bbls. oil + 161 bbls water

Figures Indicate Bottom of Formations.

| | |
|---|---|
| clay and sand | 50 |
| sand, redbed | 224 |
| shale | 485 |
| shale, shells | 1150 |
| salt, shells | 1285 |
| Anhydrite | 1595 |
| lime & shale | 3211 |
| lime | 3343 |
| lime & shale | 3458 |
| shale | 3520 |
| lime & shale | 3547 |
| lime & shale | 3924 |
| lime | 4080 |
| lime & shale | 4102 |
| lime | 4332 |
| chert, shale, oil, gas, wtr | 4431 |
| chert, shale strks of lime | 4475 |

Total depth; PB 4443

Tops:
Lansing 3547
Mississippi 4332

Remarks:
By Schlumberger Total Depth 4470
By Rotary Drill 4475
Perforations 4399-4414
Cored No. 1 50' 4338
Diamond Core
41' Weathered Chert Nodules in grey green shale Matrix, porous to dense Tite Bleeding Oil Throughout.
9' very porous Weathered chert in shale Matrix, Vugular, Oil Bleeding Throughout
DST #1 TD 4390
Packer set at 4335
Choke size 1/2"
Tool open 1 hour
Shut in 1 hour
Gas surfaced 4 min. Strong Blow throughout test
Rec. 90' oil, gas & mud cut water
Initital Flow Press.- 750 PSI
Final Flow Press.-1070 PSI
BHPSI-1670 PSI

Cored No. 2 10' 4390-4400
Diamond Core
Rec. 10.10
Porous to dense Weathered chert in gray shale, oil Stain Throughout
Cored No. 3 31' 4400-4431
Diamond Core Rec. 31/31
24' Weathered Porous to dense Chert w/gray shale. Bleeding Oil
7' Mostly fresh chert w/shale strks.
Cored No. 4 9' 4431-4440
Diamond Core, Rec. 9/9, Hard dense fresh chert w/ some hard tight limestone
DST #2 Total depth 4442, Packer set at 4390
Choke size 1/2", Tool open 1 hour, shut in 30 minutes. Good blow throughout test.
Rec. 180' hvy gas cut mud, 460' heavy gas and slightly oil cut mud. 260' salt water.
Initital flow press. - 460 PSI
Final Flow Press. - 520 PSI
BHPSI - 1690 PSI
Swabbed and bailed out hole. Plugged back fillup 4443.
Perforated: Atlas perforating guns. Jet shots 4 per foot 4399-4414
Test: Swabbing 4 BOPH, 10% water.
Ran 2 7/8" tubing w/packer, Input test 4 bbl. per min. Press. 1700# PSI. Spotted 250 gal. mud, acid sand
Frac w/15,000 gal. oil, 20,000# sand.
Max. Pressure - 2100PSI, no break
Swabbed well, pulled Tbg. and cleaned out sand.
Ran Tubing to test
Test:
Swabbing 3800' from surface 20 BFPH - 30% water.
Potential: Pumping thru 2 7/8" EUE Tbg.
161 BOPD - 50% water
Gor - 478 to 1
Mississippi formation
Perforated Interval 4399-4414
Plugged back depth 4443
Bench Mark
Zero Point is 5' above center of side outlets in casing Head.