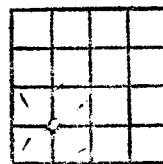


Company. ATLANTIC REFINING CO.,
Farm. Frame Gas Unit No. 1

SEC. 15 T. 34 R. 25W
10 SW

Total Depth. 5800'
Comm. 5-28-58 Comp. 6-21-58
Shot or Treated.
Contractor. Reaves Drilling Co., Inc.,
Issued. 12-6-58

County Clark
KANSAS



Elevation. 2062' DF. 1

Production. 8,000,000 CFG.

CASING:

8 5/8" @ 1201.52' W/450 sks. cem.,
4 1/2" @ 5800' W/200 sks. cem.,

Figures indicate Bottom of Formations.

Surface H ole shale & lime	1206
shale	1570
shale & lime	2025
shale	2170
shale & lime	2261
lime & shale strks	2298
shale	2360
lime & shale strks	2426
lime & shale	2523
shale	2583
shale & lime	2625
shale	2744
lime & chert	2782
lime	2858
Chalk & shale	2956
shale & chalky lime	3060
shale & lime	3163
shale	3270
shale & lime	3588
shale & sandy lime	3975
shale	4057
shale & sand	4157
shale & lime	4342
shale	4422
shale & lime	4588
lime	4652
shale & lime	4771
lime	4860
shale & lime	4905
lime	4971
shale & lime	5062
lime	5108
shale & lime	5215
lime	5283
shale & lime	5318
lime	5363
lime & shale	5539
lime	5800
Total Depth	

Perforations 5666-5683; 5708-5720; &
5750-5756 Mississippi.)

Acid Fracture #1: Loaded hole with 70 BB I
7 1/2% gelled acid with 1/20th lb. per gallon
WG-3. Broke formation down with 20 bbls.
7 1/2% gelled acid, 1/20th lb. per gallon
WG-3 added. MP 2400-1900#. Mixed and
pumped 20,000 gallons 7 1/2% gelled acid.
1/15th lb. per gallon WG-3 added and
20,000 lbs. 20-40 sand at 25.4 BPM, MP
1900-1800#. Flushed with 25 bbls. 7 1/2%
gelled acid and 95 bbls. kerosene at
24.6 BPM. MP 2400-2000 # min. and final.

Four point test, 7-16-58. SICP 1738 psig.
SITP 1739 psig.

Flow	FCP psig	Rate MCF/D
1	1733	110
2	1691.5	571
3	1663	912
4	1619	1257
5	1507.5	2232

TOPS SCOUT:

Lansing 4478
Morrow 5594
Mississippi 5632

DRILL STEM TEST:

#1 5611-5670(Mississippi) Tool open 1 hr.

Recovered 30' drilling mud. IFP 15%.
FFP 35%. BH SIP 515#/30 min.

#2 5663-5730 (Mississippi): Packer failed.

#3 5648-5800 (Mississippi): Tool open 1 hr.
good air blow, gas to surface in 17 mins
gas rate 62 MCF/D. Recovered 65' slightly
gas cut mud. IFP 30%, FFP 40%. BHSIP
1910/#30 Mins.