



Operator Name Mid-American Hydrocarbon, Inc. Lease Name Doran Well # 1

Sec. 33 Twp. 24 Rge. 15  East  West County Stafford

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
Samples Sent to Geological Survey  Yes  No  
Cores Taken  Yes  No

Formation Description  
 Log  Sample

DST #1 30-45-30-60  
1st open: 1/2" to 6" blow  
2nd open: 4" to 8" blow  
Recovery: 195' gas in pipe  
45' HO and GC mud  
(35% oil, 5% gas, 60% mud)  
60' muddy gassy oil  
(49% oil, 13% gas, 38% mud)

Name	Top	Bottom
Topeka	3195	(-1158)
Heebner	3607	(-1570)
Douglas	3644	(-1607)
Brown Line	3750	(-1713)
Lansing	3767	(-1730)
Base/Kansas City	4023	(-1986)
Conglomerate	4162	(-2125)
Viola	4231	(-2194)
Simpson	4334	(-2297)
Arbuckle	4405	(-2368)

IH: 2233#  
IFP: 83083#/30  
ISIP: 997#/45  
FFP: 104-104#/30  
FSIP: 1288#/60  
FH: 2170#  
BHT: 119°

CASING RECORD  New  Used  
Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
surface		8-5/8"		338	50/50poz	200	2% gel, 3% cc
production		5-1/2"	14	4500	pozmix	200	2% gel

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	4399 to 4402	150 gal acid	4399-4402
2	3934 to 3938	250 gal 15% MCA	3934-3938
3	3898 to 3900	250 gal 15% DSFE	3898-3900

TUBING RECORD Size 2-7/8 Set At 4390 Packer at \_\_\_\_\_ Liner Run  Yes  No

Date of First Production 3-5-87 Producing Method  Flowing  Pumping  Gas Lift  Other (explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	15 Bbls	MCF	30 Bbls	CFPB	35.5

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) \_\_\_\_\_  
 Used on Lease  Dually Completed  
 Commingled