



JOHNSTON
...found a better way

SURFACE INFORMATION

Description (Rate of Flow)	Time	Pressure (P.S.I.G.)	Surface Choke
Opened Tool (12-20-72)	2125		
VERY WEAK BLOW, TOO SMALL TO MEASURE			
CLOSED FOR INITIAL SHUT-IN	2140		
FINISHED SHUT-IN	2240		
RE-OPENED TOOL	2241		
VERY WEAK BLOW, TOO SMALL TO MEASURE, INCREASING			
BLOW, 18" IN WATER	2320		
OPENED THROUGH CHOKE	2320		
CLOSED CHOKE	2325		
VERY WEAK BLOW			
OPENED THROUGH CHOKE	2340		
BLOW, 15" IN WATER			
CLOSED CHOKE	2345		
VERY WEAK BLOW INCREASING			
BLOW, 20" IN WATER (12-21-72)	2400		
BLOW, 22" IN WATER	0011		
CLOSED FOR FINAL SHUT-IN	0011		
FINISHED SHUT-IN	0211		
PULLED PACKER LOOSE	0212		

Cushion Type	Amount	Pressure	Bottom Choke
WATER	1000		Size 1/2"

MUD DATA

Mud Type	FRESH WATER GEL	Wt.	8.6
Viscosity	45	Water Loss	
Resist. of Mud	1.6 @ 58 °F.	of Filtrate	1.6 @ 58 °F.
Chloride Content	1100		

EQUIPMENT & HOLE DATA

Type Test	M. F. E. OPEN HOLE
Formation Tested	WOLFCAMP
Elevation	3887 G.S.L.
Net Productive Interval	8
Estimated Porosity	-
All Depths Measured From	KELLY BUSHING
Total Depth	10875
Main Hole/Casing Size	7 7/8"
Rat Hole/Liner Size	-
Drill Collar Length	630' I.D. 2.5"
Drill Pipe Length	10194' I.D. 3.8"
Packer Depth(s)	10858 & 10864

MULTI-FLOW EVALUATOR FLUID SAMPLE DATA

Sampler Pressure	* 1800	P.S.I.G. at Surface
Recovery: Cu. Ft. Gas	6.5	
cc. Oil	740	
cc. Water	-	
cc. Mud	2100 (HEAVY EMULSION)	
Tot. Liquid cc.	2840	
Gravity	45 °API @ - °F.	
Gas/Oil Ratio	1396	cu. ft./bbl.

RESISTIVITY

CHLORIDE CONTENT

Recovery Water	- @ - °F.	- ppm
Recovery Mud	- @ - °F.	- ppm
Recovery Mud Filtrate	- @ - °F.	- ppm
Mud Pit Sample	1.6 @ 58 °F.	
Mud Pit Sample Filtrate	1.6 @ 58 °F.	1100 ppm

RECOVERY DESCRIPTION

FEET BARRELS % OIL % WATER % OTHERS

WATER CUSHION
GAS CUT WATER CUSHION
HEAVILY GAS AND SLIGHTLY OIL
CUT MUD

API GRAVITY

RESISTIVITY

CHL. PPM

@ °F. @ °F.
@ °F. @ °F.
@ °F. @ °F.
@ °F. @ °F.
@ °F. @ °F.
@ °F. @ °F.
@ °F. @ °F.

Remarks: * THE M.F.E. SAMPLER PRESSURE AND RATE THAT THE BOTTOM SEAL OF THE SAMPLER CHAMBER LEAKED DURING THE FINAL SHUT-IN PERIOD. THE GAS/OIL RATIO SHOULD BE USED WITH CAUTION.

Address 106 WALL TOWERS WEST, MIDLAND, TEXAS 79701

Company ALLEN K. TROBAUGH

Well HUBER #1

Test Interval 10864' TO 10875'

Location

Test #

Field WILD CAT

Date 12-20-72

County LEA

State

MOX 10

Field Report

01832