

HALLIBURTON
ENERGY
SERVICES

REPORT TICKET NO: 989979
MEMORY GAUGE TICKET NO: 989979
DATE: 21 07 96
HALLIBURTON CAMP: Hobbs, NM
TESTER: Tocho Gomez
WITNESS: Micky Young

DRILLING CONTRACTOR: Norton Rig 4
LEGAL LOCATION: 29-16S-39E

OPERATOR: Browning Oil Co
LEASE NAME: Byers
WELL NO: 1
TEST NO: 1
TESTED INTERVAL: 7725.00 - 7873.00 ft

FIELD AREA: N. Hobbs
COUNTY/LSD: Lea
STATE/PROVINCE: New Mexico
COUNTRY: USA

NOTICE: THIS REPORT IS BASED ON SOUND ENGINEERING PRACTICES, BUT BECAUSE OF VARIABLE WELL CONDITIONS AND OTHER INFORMATION WHICH MUST BE RELIED UPON HALLIBURTON MAKES NO WARRANTY, EXPRESS OR IMPLIED AS TO THE ACCURACY OF THE DATA OR OF ANY CALCULATIONS OR OPINIONS EXPRESSED HEREIN. YOU AGREE THAT HALLIBURTON SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE, WHETHER DUE TO NEGLIGENCE OR OTHERWISE ARISING OUT OF OR IN CONNECTION WITH SUCH DATA, CALCULATIONS OR OPINIONS.

Date: 21 07 96

Ticket No: 989979

Page No: 1.1

SUMMARY OF TEST

Lease Owner: Browning Oil Co

Lease Name: Byers

Well No.: 1

Test No.: 1

County/LSD: Lea

State/Province: New Mexico

Country: USA

Formation Tested: Upper Drinkard

Hole Temp: 130.00 F

Total Depth: 7873.00 ft

Net Pay: ~~148.00~~ ft 30'

Gross Tested Interval: 7725.00 - 7873.00 ft

Perforated Interval (ft):

RECOVERY:

327 feet of drilling fluid
1.6 bbls of fluid

REMARKS:

Date: 21 07 96

Ticket No: 989979

Page No: 1.2

TEST PERIOD SUMMARY

Gauge No.: 30218 Depth: 7708.00 ft Blanked off: No

ID	PERIOD	DESCRIPTION	PRESSURE (psi)	DURATION (min)
A		Initial Hydrostatic	4011.14	
B	1	Start Draw-down	30.07	
C		End Draw-down	45.80	14.23
C	2	Start Build-up	45.80	
D		End Build-up	218.91	33.88
E	3	Start Draw-down	56.91	
F		End Draw-down	93.25	119.90
F	4	Start Build-up	93.25	
G		End Build-up	852.07	240.35
H		Final Hydrostatic	4012.32	

NOTE: for Pressure vs. Time Plot, see next page.

TEST AND FORMATION DATA

Formation Tested: ~~Upper~~ Drinkard
 All Depths Measured From: KB
 Elevation: 3671.00 ft
 Total Depth: 7873.00 ft
 Net Pay: 148.00 ft
 Hole or Casing Size: 7.875 in
 Gross Tested Interval: 7725.00 - 7873.00 ft
 Perforated Interval (ft):

HOLE FLUID

HOLE TEMPERATURE

Type:	Brine Mud	Depth:	7708.00 ft
Weight:	10.10 lbm/gal	Estimated:	130.00 F
Viscosity:	50.00 cp	Actual:	130.00 F

HYDROCARBON PROPERTIES

CUSHION DATA

Oil Gravity (API):	@ 60 F	TYPE	AMOUNT	WEIGHT
Gas/Oil ratio (ScF/STB):				
Gas Gravity (SG):				

FLUID PROPERTIES FOR RECOVERED MUD AND WATER

SOURCE	RESISTIVITY	CHLORIDES	SG	PH
Mud Pit	@ F	196000 PPM		
Top Recovery	@ F	200000 PPM		
Middle Recover	@ F	200000 PPM		
Tool Top	@ F	200000 PPM		
Sampler	@ F	200000 PPM		

SAMPLER DATA

Surface Pressure:	40 psi
Volume of Gas:	0 ft3
Volume of Oil:	0 cc
Volume of Water:	0 cc
Volume of Mud:	2400 cc
Total Liquids:	2400 cc

REMARKS: