

HALLIBURTON  
ENERGY  
SERVICES

REPORT TICKET NO: 989839  
MEMORY GAUGE TICKET NO: 989839  
DATE: 23-07-96  
HALLIBURTON CAMP: HOBBS NM  
TESTER: HERB SMITH  
WITNESS:

DRILLING CONTRACTOR: NORTON #4  
LEGAL LOCATION: 29-16S-39E

OPERATOR: BROWNING OIL CO  
LEASE NAME: BYERS  
WELL NO: 1  
TEST NO: 1  
TESTED INTERVAL: 8254.00 - 8294.00 ft

FIELD AREA: N. HOBBS  
COUNTY/LSD: LEA  
STATE/PROVINCE: NEW MEXICO  
COUNTRY: USA

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Date: 23-07-96

Ticket No: 989839

#### SUMMARY OF TEST

Lease Owner: BROWNING OIL CO

Lease Name: BYERS

Well No.: 1

Test No.: 2

County/LSD: LEA

State/Province: NEW MEXICO

Country: USA

Formation Tested: ABO

Hole Temp: 133.20 F

Total Depth: 8294.00 ft

Net Pay: 20.00 ft

Gross Tested Interval: 8254.00 - 8294.00 ft

Perforated Interval (ft):

#### RECOVERY:

12.9 BBLS GAS CUT OIL

#### REMARKS:

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### TEST PERIOD SUMMARY

Gauge No.: 30218 Depth: 8232.00 ft Blanked off: No

ID	PERIOD	DESCRIPTION	PRESSURE (psi)	DURATION (min)
A		Initial Hydrostatic	4271.33	
B	1	Start Draw-down	74.34	
C		End Draw-down	231.40	15.33
D	2	Start Build-up	264.61	
E		End Build-up	3399.49	31.68
F	3	Start Draw-down	271.50	
G		End Draw-down	496.46	119.12
H	4	Start Build-up	544.31	
I		End Build-up	2752.06	241.00
J		Final Hydrostatic	4287.58	

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### TEST AND FORMATION DATA

Formation Tested: ABO

All Depths Measured From: KB

Elevation: 3671.00 ft

Total Depth: 8294.00 ft

Net Pay: 20.00 ft

Hole or Casing Size: 7.900 in

Gross Tested Interval: 8254.00 - 8294.00 ft

Perforated Interval (ft):

### HOLE FLUID

### HOLE TEMPERATURE

Type: BRIN MUD

Weight: 10.10 lbm/gal

Viscosity: 50.00 cp

Depth: 8232.00 ft

Estimated: F

Actual: 133.20 F

### HYDROCARBON PROPERTIES

### CUSHION DATA

Oil Gravity (API): 38.0 @ 60 F

Gas/Oil ratio (ScF/STB): 936.0

Gas Gravity (SG): 0.60

TYPE AMOUNT WEIGHT

NONE

### FLUID PROPERTIES FOR RECOVERED MUD AND WATER

SOURCE	RESISTIVITY	CHLORIDES	SG	PH
PIT	@ F	160000 PPM		
	@ F			
	@ F			
	@ F			
	@ F			

### SAMPLER DATA

Surface Pressure: 150 psi

Volume of Gas: 1 ft3

Volume of Oil: 2300 cc

Volume of Water: 0 cc

Volume of Mud: 0 cc

Total Liquids: 2300 cc

REMARKS: