

SHELL OIL COMPANY
SUBSURFACE PRESSURE SURVEY

$$F.1 \in 12-A$$

3. Bill Best EB 1985
1- Cy Jones. H. 665
1- D.J. Roach

Company SHELL Oil Company
Lease LIVINGSTON Well No. 10
Field DRINKARD State NEW MEXICO
Test Date 2/17-22/77

Producing Formation
Elevation (CHF, DF, KB, etc.)
Datum -3/00' subsea, or
Tubing Obstruction at
Production Packer at
Perforations

DRINKARD
BINEBRY

1.50" TO 55 @ 6040
3N @ 6500'

Instrument Data

Company Running Survey
Element—Range & No.
Clock — Range & No.
Calibration Date

Shell Oil Company
3500# - 5583N
180hr - 2977/A
2/16/77

Static Pressure Data

Test Depth	6450	ft
Pressure at Datum (_____)	756	psig
Shut-in Time	120	hrs
P _i at Datum	_____	psig
Shut-in Tubing Pressure	455	psig
Shut-in Casing Pressure	360	psig
Top of Oil	_____	
Top of Water	_____	
Temperature at _____ feet	_____	°F
Date of Last Test	_____	
Pressure @ Datum, Last Test	_____	psig
Shut-in Time, Last Test	_____	

~~ORIGINAL~~

Flow Test Data

Test Date	<u>2/17/77</u>	
Choke Size		in
Period of Stabilized Flow	<u>Swabbed ± 2</u>	hrs
Stabilized Production (q)		
Oil	<u> </u>	bbls/day
Gas	<u> </u>	MCF/day
Water	<u> </u>	bbls/day
Flowing Tubing Pressure	<u>20</u>	psig
Flowing Casing Pressure	<u> </u>	psig
Cumulative Production (Q)		
Oil	<u> </u>	bbls
Gas	<u> </u>	MCF
Water	<u> </u>	bbls
Effect. Prod. Life, t=24 Q/q		hrs

Remarks: Well would not flow - Swabbed $\pm$ 2 hrs
prior to running bomb & S.J. for B.H.

OPERATOR

D. J. Roach

Depth D	Time	Press., P, psig	ΔP	Static Test		
				ΔD	Gradient	
0	120 hrs	455				
6350	↓	713	258	6350	.041	
6450		756	43	100	.43	
Time	Press. ⊙ 6450 ft	Build-up test		Tubing Press.	Casing Press.	Height of Fluid
		Δt hrs	$\frac{t}{\Delta t} + 1$			
0	560			20	—	SNAKE
.083	"					
.166	"					
.250	"					
.333	562					
.500	"					
.666	565					
.833	"					
1.0	567					
1.5	574					
2	579					
3	595					
4	609					
5	616					
6	625					
9	644					
12	647					
18	654					
24	661					
30	702					
36	736					
42	743					
48	"					
54	745					
60	747					
66	"					
72	749					
78	750					
84	752					
90	"					
96	"					
102	754					
108	"					
114	756					
120	"			455	360	—
BEFORE EXAMINER NUTTI OIL CONSERVATION COMMISSION Case NO. 6099 EXHIBIT NO. 7A						