

Mesa Unit LEASE		3-17 WELL NO.	2 TEST NO.	Phillips Petroleum Company COMPANY		San Juan DISTRICT			
LOCATION						Date	5-21-53		
WELD						Ticket No.	22498		
COUNTY						San Juan	HOWCO DISTRICT	Farmington	
STATE		New Mexico	HOLE & TOOL DATA			Kind of Job	Open Hole		
CONTRACTOR		Moran Drlg. Co.	Total Depth	3215'	Casing Perforations	Top Bottom	Price	\$235.00	
			Top Packer Depth	3095'	Bottom Packer Depth	-	Second Packer Assembly	-	
MUD DATA			Casing or Hole Size	8-3/4"	Liner or Rathole Size	-	Safety Joint	\$ 15.00	
Mud		Jel	Formation Tested	Fruitland				Extra Folder Charge	-
Weight		11.4 lbs.-gal	Size Drill Pipe	4 1/2" E.H.	Size Drill Collars	4 1/2" E.H.	Bowen Jars	\$100.00	
Viscosity		67 Sec.	Size Bottom Choke	1"	Size Surface Choke	1"			
Filter Loss		5 c. c. Filter Cake 2/32 In.	Size Tool Valve	1"	Size Pilot Valve	-			
P.R.D. No.		69 Blanked Off No	Size Hook Wall Packer	-	Size Rings	-	No. Rings	-	
12 Hr. Clock No.		1778	Size D. E. Wall Packer	8" D.E.W.P.	No. Packers	1	Total	\$350.00	
Gauge Depth Temp.		100 °F	PRD Device No.	3256	Blanked Off	Yes	Witnessed By	Tom Dugan	
Pressure Readings		Field Office Corrected	Size & Length Anchor			87' x 6 1/4" DC 33' x 5-9/16" Perfs.			
Initial Hydro Pressure		1905	1848 p.s.i.		REMARKS: Testing for oil & gas. Tool opened with strong blow of air. Gas b				
Initial Flow Pres.		130	182 p.s.i.		to surface in 7 minutes. Recovered 90' mud and 900' water.				
Tool Open		1 Hr. 15 Min.		Hydro-Spring Tool #4005.					
Initial Flow Pres.		510	478 p.s.i.						
Time Closed In		30 Min.							
Pressure in Pres.		1590	1568 p.s.i.						
Initial Hydro Pressure		1845	1767 p.s.i.		Amount of Cushion		None		
					All depths measured from		Rotary Table		
							No. Folders Reproduced		
							5		

TIME



Each Horizontal Line Equal to 1000 p.s.i.

OIL WELL CEMENTING CO.



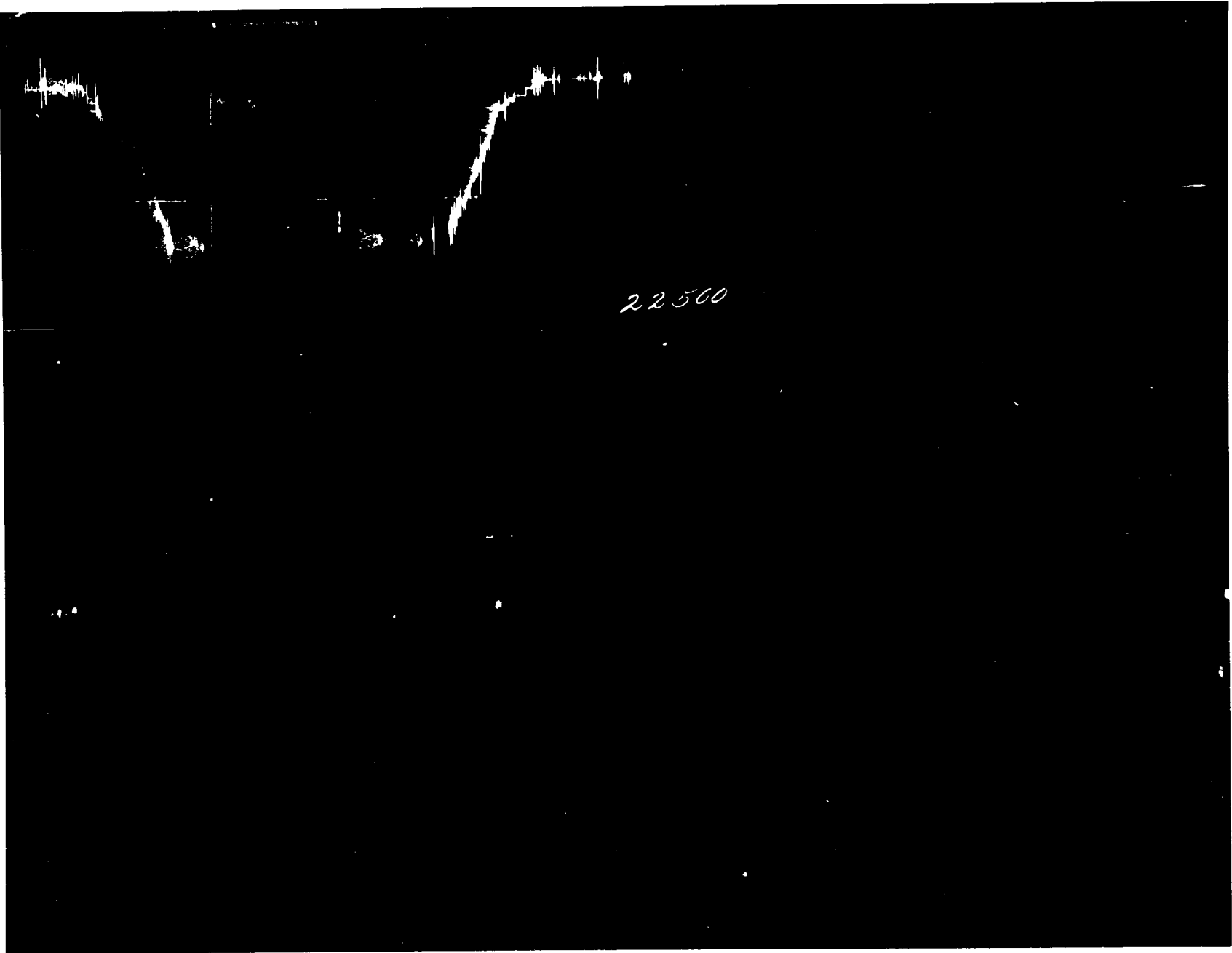
Formation Testing
"Service Report"



Oil Well Cementing Co. 1953

Mesa Unit LEASE		3-17 WELL NO.		4 TEST NO.		Phillips Petroleum Company COMPANY		San Juan DISTRICT	
LOCATION				 OIL WELL CEMENTING COMPANY				Date 5-23-53	
FIELD Gobnerdor								Ticket No. 22500	
COUNTY San Juan								HOWCO DISTRICT Farmington	
STATE New Mexico				HOLE & TOOL DATA				Kind of Job Open Hole	
CONTRACTOR Moran Bros. Drilling Co.				Total Depth 3475'		Casing Perforations Top Bottom		Price \$235.00	
				Top Packer Depth 3395'		Bottom Packer Depth -		Second Packer Assembly -	
MUD DATA				Casing or Hole Size 8-3/4"		Liner or Rathole Size -		Safety Joint \$ 15.00	
Kind Jel				Formation Tested Pictured Cliff				Extra Folder Charge -	
Weight 11 lbs.-gal.				Size Drill Pipe 4 1/2" E.H.		Size Drill Collars 4 1/2" E.H.		Bowen Jars \$100.00	
Viscosity 70 Sec.				Size Bottom Choke 1"		Size Surface Choke 1"			
Filter Loss 6 c. c. Filter Cake 3/32 in.				Size Tool Valve 1"		Size Pilot Valve -			
BT. P.R.D. No. 69 Blanked Off No				Size Hook Wall Packer -		Size Rings - No. Rings -			
12 Hr. Clock No. 1778				Size D. E. Wall Packer 8" D.E.W.P.		No. Packers 1		Total \$350.00	
Est. Gauge Depth Temp. 100 °F				PRD Device No. 3256		Blanked Off Yes		Witnessed By J. A. Byrd	
Pressure Readings		Field		Office Corrected		Size & Length Anchor 56' x 6 1/4" DC 5-9/16" Perfs. x 24'			
Initial Hydro Mud Pressure 1965		2008 p.s.i.		REMARKS: Testing for oil & gas. Tool opened with strong blow of air. Gas to					
Initial Flow Pres. 125		52 p.s.i.		surface in 5 minutes. Gas throughout test. Recovered 90' gas cut drlg.					
Tool Open 1 Hr.		mud and 540' water. Hydro-Spring Tool #4005.							
Final Flow Pres. 255		292 p.s.i.							
Time Closed In 15 M.n.									
Closed in Pres. 1590		1650 p.s.i.							
Final Hydro Mud Pressure 1905		1953 p.s.i.		Amount of Cushion None		All depths measured from Rotary Table		No Folders Reproduced 5	

TIME



Each Horizontal Line Equal to 1000 p.s.i.

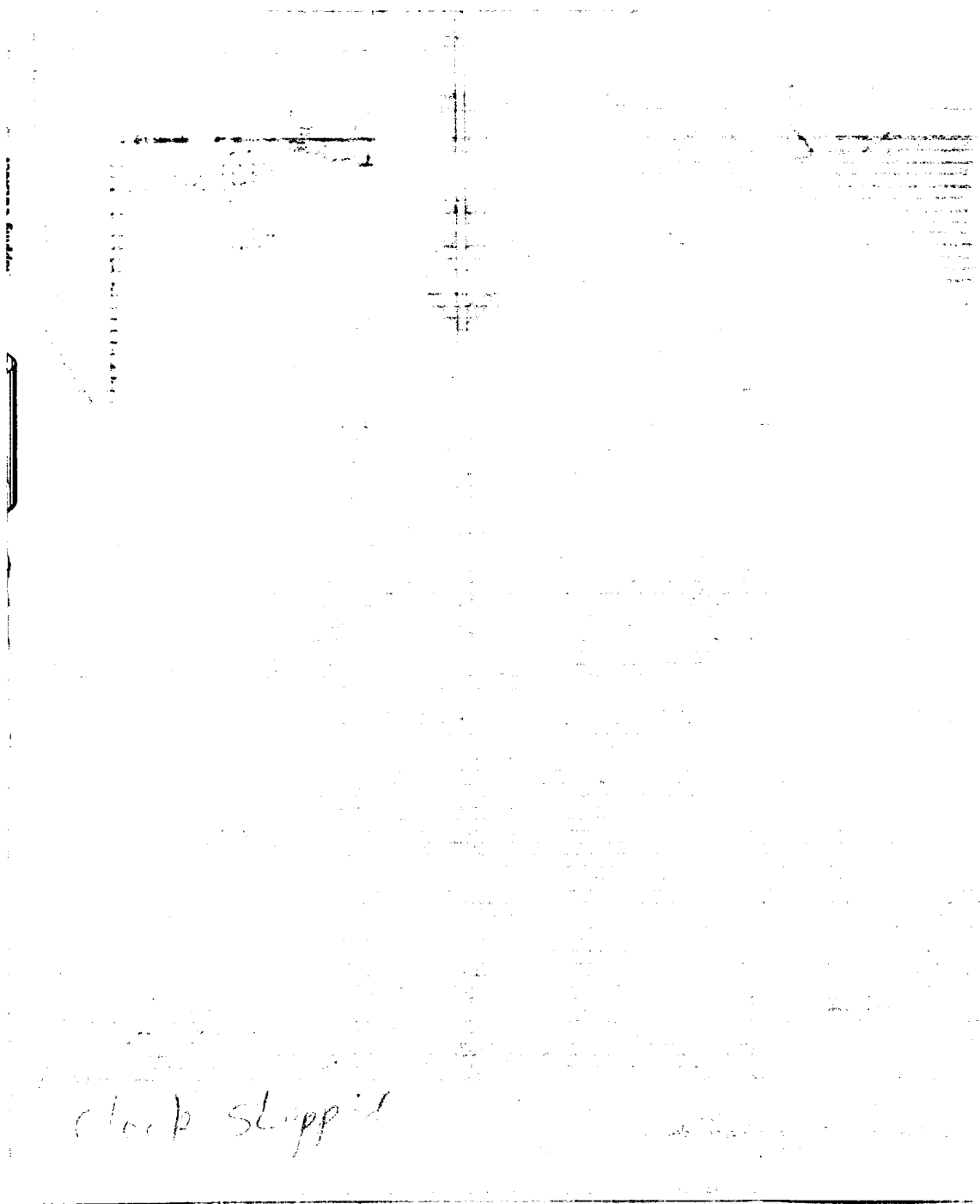


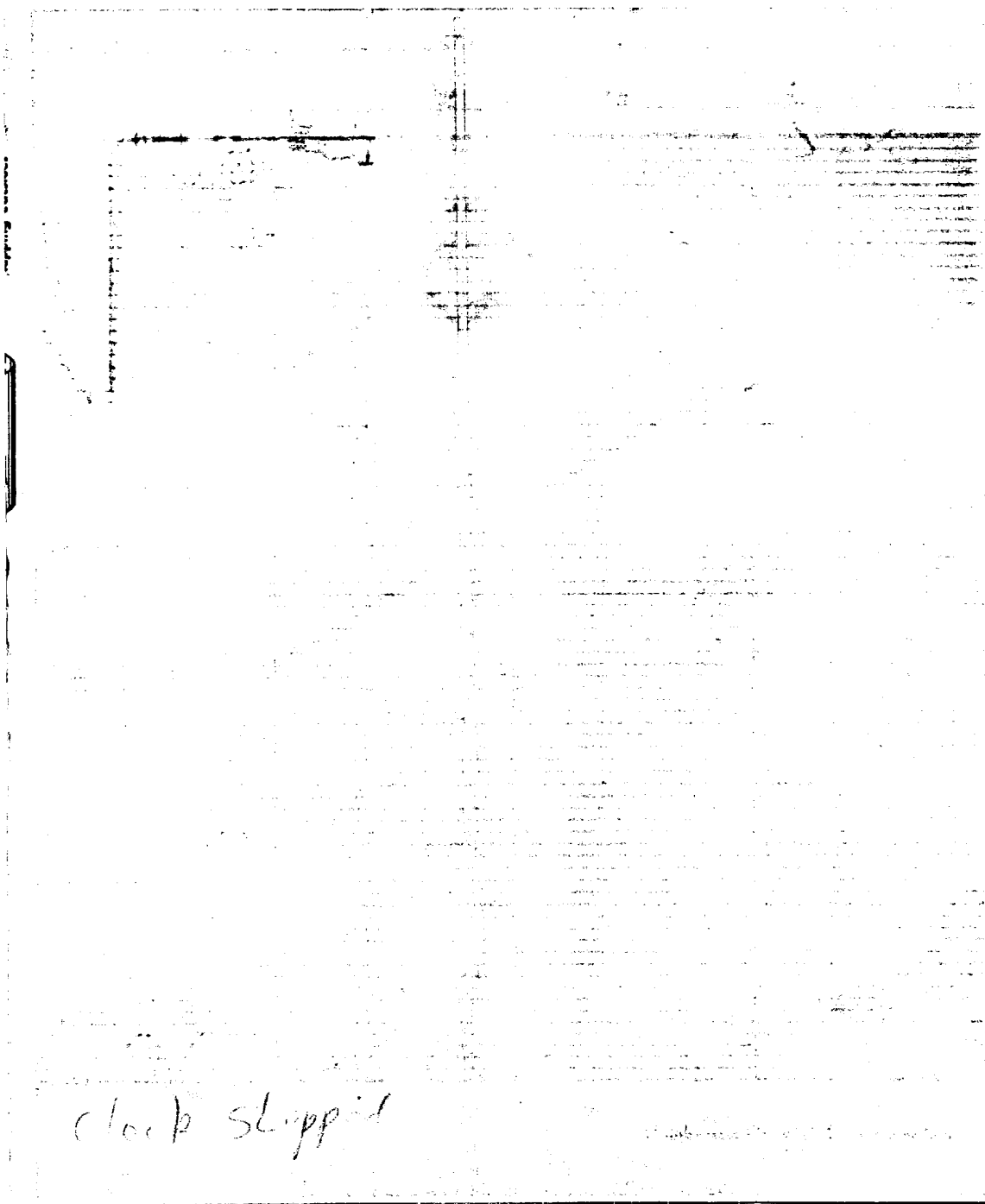
OIL WELL CEMENTING CO.

Formation Testing
"Service Report"



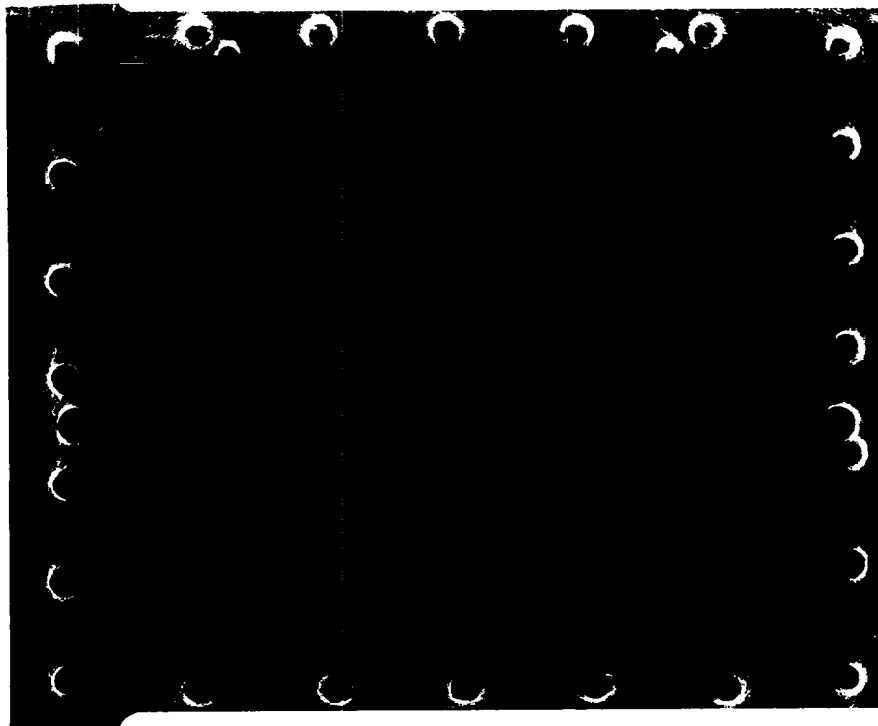
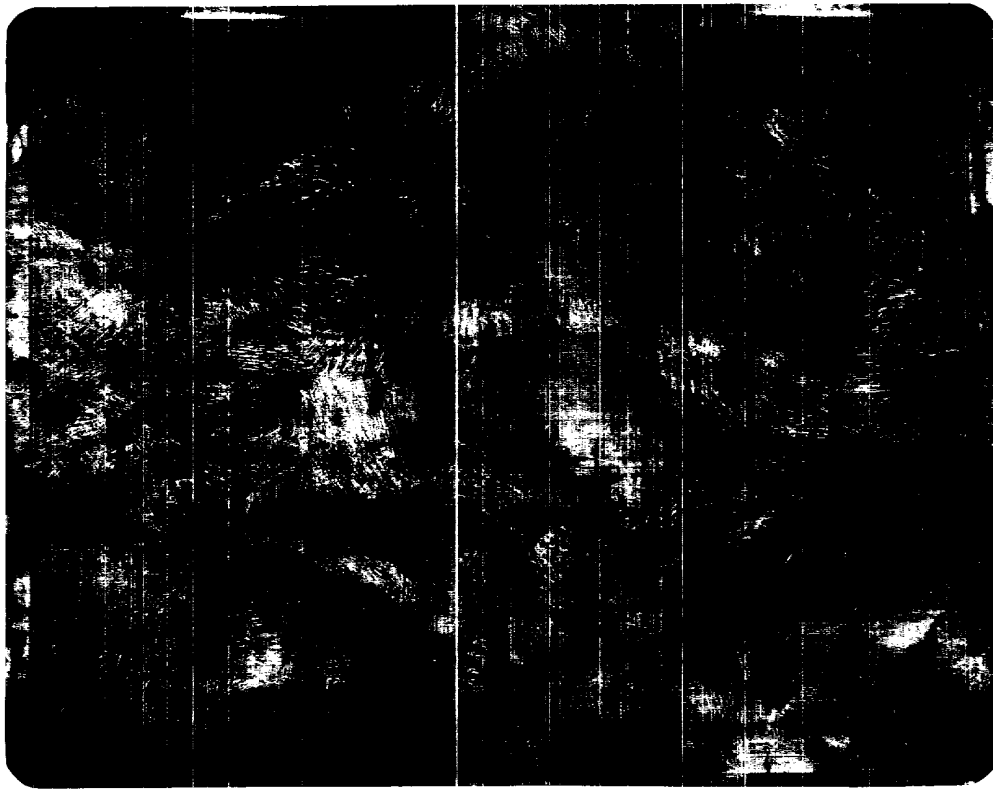
Handwritten notes and diagrams on a piece of paper, possibly a map or a technical drawing. The text is mostly illegible due to the quality of the scan, but some words are visible, such as "clock" and "slipp".





clock slipped

Standard time zone: 10:00 AM



Number Charts

5

RECORDING PRESSURE GAUGE CHART

Ticket No. 80951-T Date May 24, 1953
 Company Phillips Pet. Co.
 Lease Mesa Unit Well No. 3-17
 Mail Charts To: Phillips Pet. Co.
Box #939 - Aztec, N.Mex.

FIELD CALCULATION

Device No. <u>69</u>	12 Hr. Clock No. <u>1778</u>	
Estimated Gauge Depth Temperature <u>100</u> °F.		
	Thousands of Inch	Pressure P. S. I.
Initial Hydro. Mud Pressure	<u>1064</u>	<u>2030</u>
Initial Flow Pressure	<u>0</u>	<u>0</u>
Final Flow Pressure	<u>0</u>	<u>0</u>
Closed In Pressure	<u>1002</u>	<u>65</u>
Final Hydro. Mud Pressure	<u>1062</u>	<u>1965</u>

HOWCO 892—LITTLE'S 36400 10M 3-52

Tester

H. G. Nelson



Halliburton

OIL WELL CEMENTING COMPANY

Mesa Unit		3-17		5		Phillips Petroleum Company		DISTRICT	
LEASE		WELL NO.		TEST NO.		COMPANY			
LOCATION		Halliburton OIL WELL CEMENTING COMPANY				Date		5-24-53	
FIELD						Ticket No.		80951	
COUNTY						HOWCO DISTRICT		Farmington	
STATE						Kind of Job		Open Hole	
CONTRACTOR		MORAN DRILLING CO.				Price		\$235.00	
MUD DATA		Total Depth		3574'		Casing Perforations		Top Bottom	
		Top Packer Depth		3474'		Bottom Packer Depth		-	
		Casing or Hole Size		8-3/4"		Liner or Rathole Size		-	
Kind		Jel				Formation Tested		Pictured Cliff	
Weight		11.4		lbs.-gal.		Size Drill Pipe		4 1/2" E.H.	
Viscosity		66		Sec.		Size Bottom Choke		1"	
Filter Loss		6		c. c. Filter Cake		3/32		In.	
BT. P.R.D. No.		69		Blanked Off		No			
Hr. Clock No.		1778		Size D. E Wall Packer		8" D.E.W.P.		No. Packers 1	
Est. Gauge Depth Temp.		100		PRD Device No.		3256		Blanked Off Yes	
Pressure Readings		Field		Office Corrected		Size & Length Anchor		86' x 6 1/4" DC 14' Perfs.	
Initial Hydro Mud Pressure		2080		2080		p.s.i.		REMARKS:	
Initial Flow Pres.		-		42		p.s.i.		Testing for oil & gas. Tool opened with strong blow of air and	
Tool Open		1 Hr.						decreased to steady blow. Recovered 50' drlg. mud. Hydro-Spring Tool	
Final Flow Pres.		-		18		p.s.i.		#4005.	
Time Closed In		30 Min.							
Closed in Pres.		65		72		p.s.i.			
Final Hydro Mud Pressure		1965		2060		p.s.i.		Amount of Cushion None	
								All depths measured from Rotary Table	
								No. Folders Reproduced 5	

PRESSURE



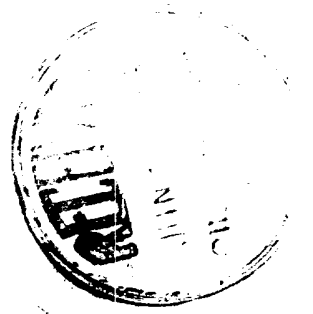
Each Horizontal Line Equal to 1000 p.s.i.



OIL WELL CEMENTING CO.

Formation Testing
"Service Report"

REC'D JUN 11 1963





HYDRAULIC PRESSURE LOG

Ticket No. 2257 AT Date March 20, 1953
Company Phillips Pet. Co.
Lease Mesa Unit No. 3-17
Mud Chart To Phillips Pet. Co.
Baker Aztec

FIELD CALCULATIONS

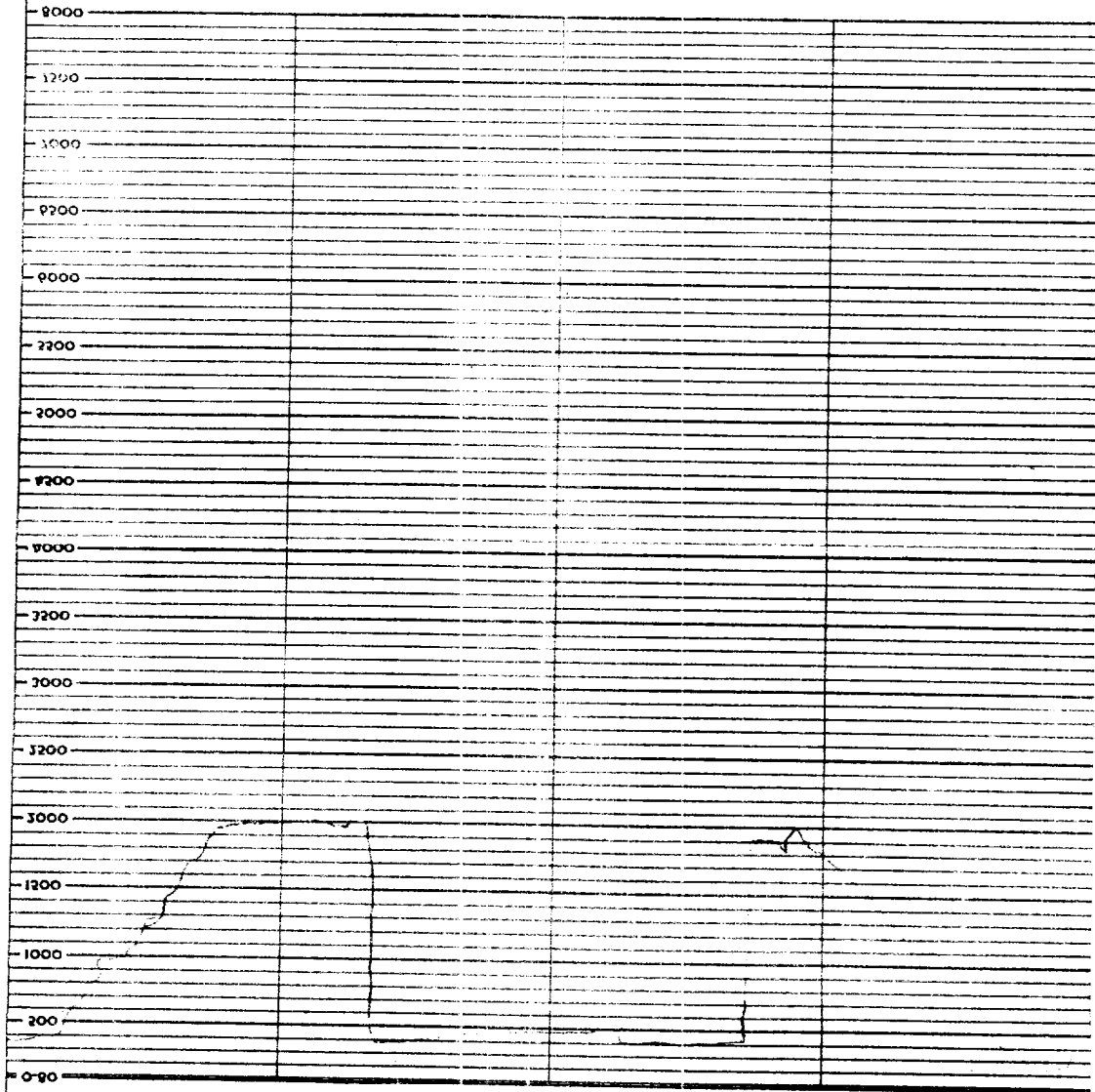
Device No.	12
Temperature	70
Initial Pressure	1054
Initial Temperature	100.6
Final Pressure	1008
Final Temperature	100.6
Final Pressure	1052

Tester G. N. ...

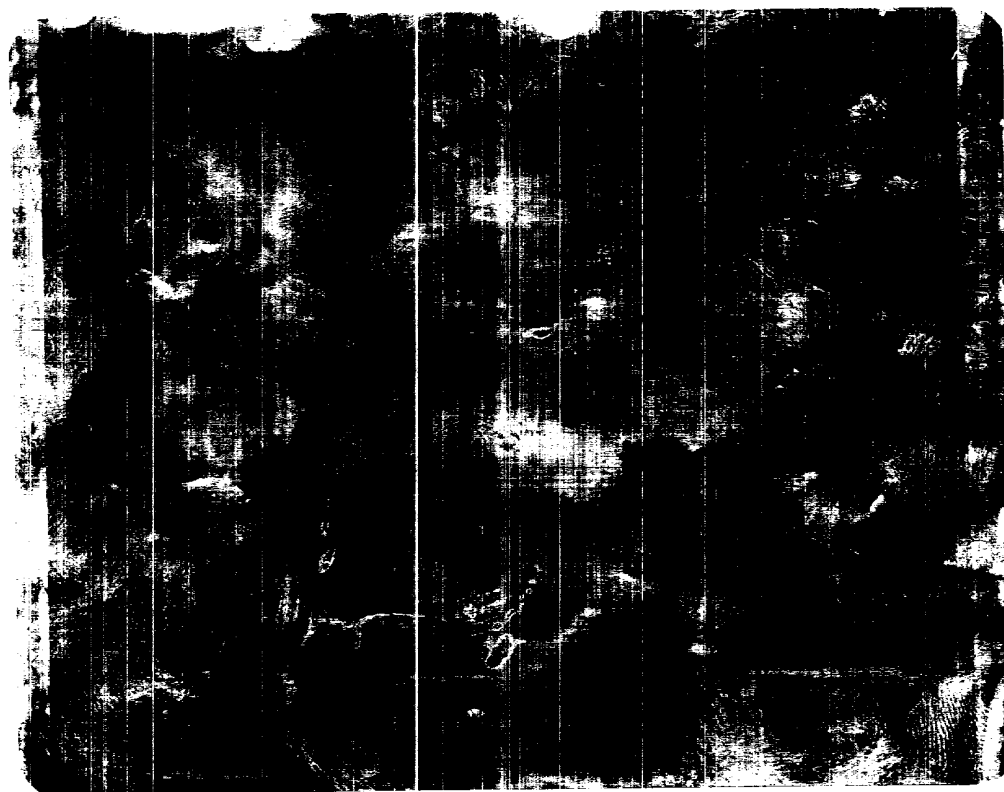
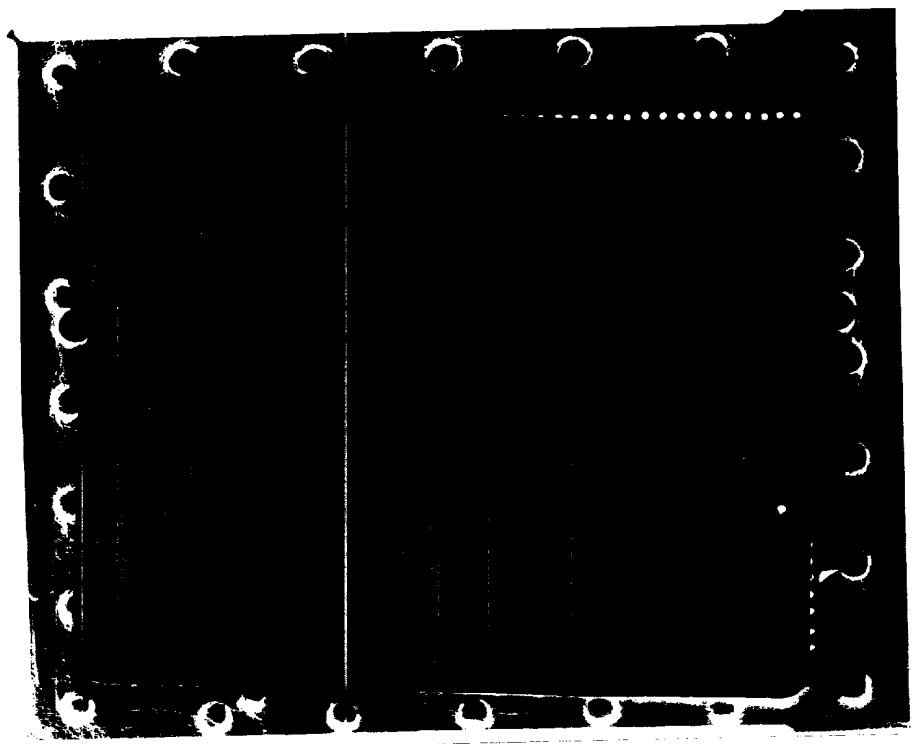
WELL LOG SHEET

Halliburton Oil Well Cementing Co.

200 ft. to 1000 ft. of casing pipe

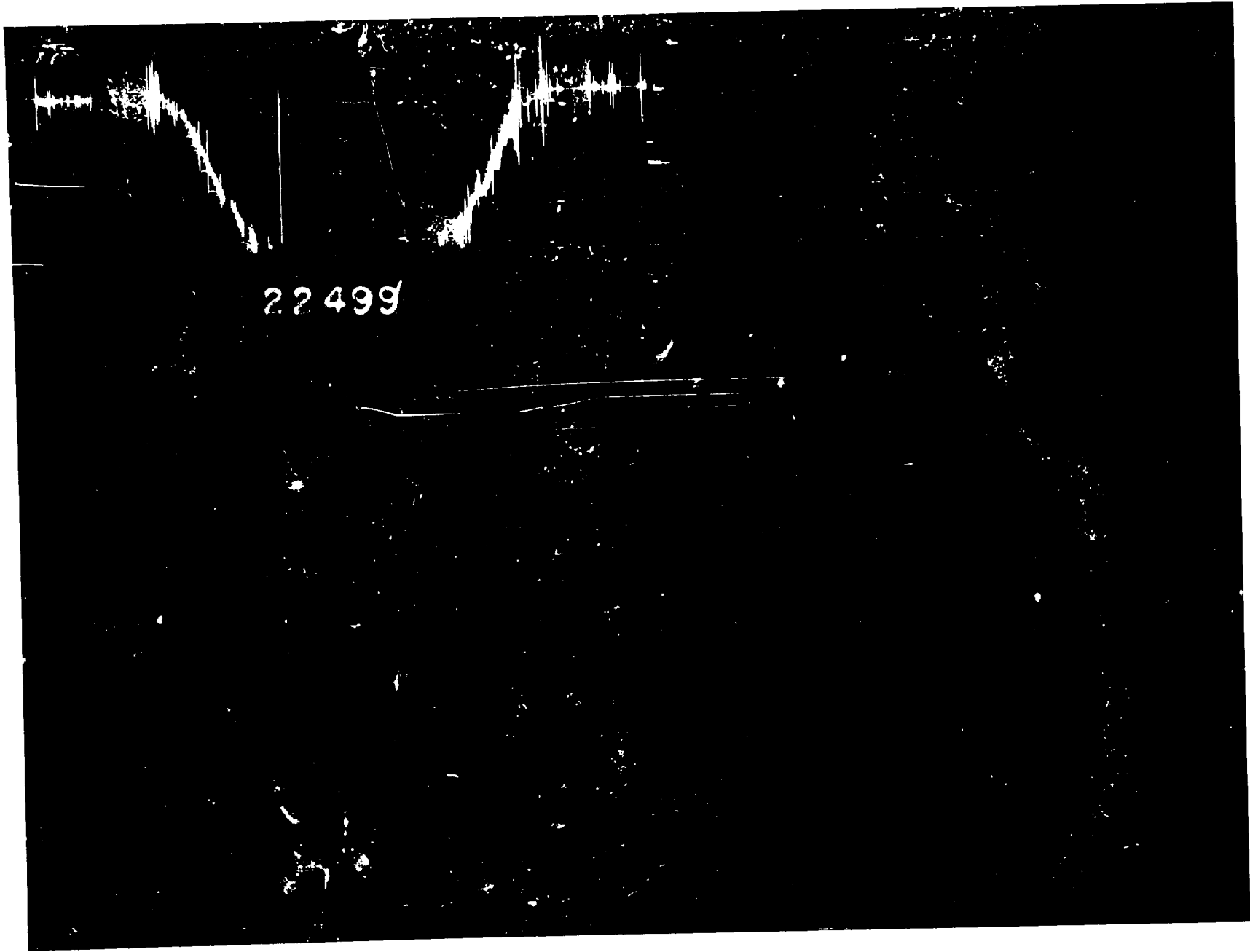


WELL NO.	DATE	WELL NO.	DATE



Mesa Unit		5-17		Phillips Petroleum Company		San Juan	
LEASE		WELL NO.		TEST NO.		DISTRICT	
LOCATION						Date 5-22-53	
FIELD Gohnerdor						Ticket No. 22499	
COUNTY San Juan						HOWCO DISTRICT Farmington	
STATE New Mexico		HOLE & TOOL DATA				Kind of Job Open Hole	
CONTRACTOR Moran Bros. Drlg. Co.		Total Depth 3356'	Casing Perforations	Top Bottom		Price \$235.00	
		Top Packer Depth 3265'	Bottom Packer Depth -		Second Packer Assembly -		
MUD DATA		Casing or Hole Size 8-3/4"	Liner or Rathole Size -		Safety Joint \$ 15.00		
Kind Jel		Formation Tested Fruitland				Extra Folder Charge -	
Weight 11 lbs.-gal.		Size Drill Pipe 4 1/2" E.H.	Size Drill Collars 4 1/2" E.H.		Bowen Jars \$100.00		
Viscosity 58 Sec.		Size Bottom Choke 1"	Size Surface Choke 1"				
Filter Loss 5 c. c. Filter Cake 2/32 0		Size Tool Valve 1"	Size Pilot Valve -				
BT. P.R.D. No. 69 Blanked Off No		Size Hook Wall Packer -	Size Rings - No. Rings -				
24 Hr. Clock No. 1778		Size D. E. Wall Packer 8" D.E.W.P.	No. Packers 1		Total \$350.00		
Est. Gauge Depth Temp. 100 °F		PRD Device No. 3256	Blanked Off Yes		Witnessed By J. A. Byrd		
Pressure Readings Field Office Corrected		Size & Length Anchor 6 1/2" x 56' DC 5-9/16" x 35' Perfs.				Tester H. G. Nelson	
Initial Hydro Mud Pressure 1905		REMARKS: Testing for oil & gas. Tool opened with strong blow of air. Gas to					
Initial Flow Pres. 65		surface in 15 minutes. Recovered 320' gas cut drlg. mud. Hydro-Spring					
Tool Open 1 Hr.		Tool #4005.					
Final Flow Pres. 195							
Time Closed In 15 Min.							
Closed in Pres. 1340							
Final Hydro Mud Pressure 1840							
		Amount of Cushion None	All depths measured from Top of Rotary		No. Folders Reproduced 5		

TIME



Each Horizontal Line Equal to 1000 p.s.i.

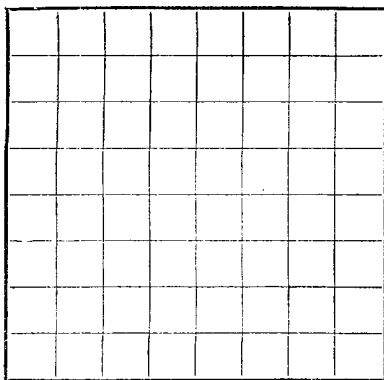


OIL WELL CEMENTING CO.

Formation Testing
"Service Report"



1953 - 41.



LOCATE WELL CORRECTLY

5 - U.S. 111.
1 - Bville
1 - Div
1 - FileU. S. LAND OFFICE Ante Fe
SERIAL NUMBER 279013
LEASE OR PERMIT TO PROSPECT
San Juan Unit 32-8

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Phillips Petroleum Co. Address Box 939, Aztec, N.M.Lessor or Tract _____ Field Blanco State New MexicoWell No. Mesa 3-17 Sec 17 T. 32N R. 8E Meridian N.M.P.M. County San JuanLocation 1600' ft. N. of 3 Line and 1650 ft. E. of 4 Line of section 17 Elevation 6482'
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Earl StummDate 12-29-54 Title Dist. Supt.

The summary on this page is for the condition of the well at above date.

Commenced drilling 5-10-53, 19____ Finished drilling 6-23-53, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3265 to 3400 No. 4, from 5523 to 5767No. 2, from 3400 to 3492 No. 5, from 5767 to 5962No. 3, from 5438 to 5523 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from # - to - No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10-3/4"	21.63	J	Armco	160'	Baker				
7"	23#	82	J-55	3265'	Baker				
7"	20#	82	J-55	2062'	Baker				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	172'	190 ex	Halliburton		
7"	5359'	450 ex (Two stage)	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		SOVE #1	1592 lbs	6-24-53	5460-5962	To TD.
		AG Double Time Bomb				

TOOLS USED

Rotary tools were used from 0 feet to 5962' feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

12-1-53, 19____ Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 1190 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 959

EMPLOYEES

_____, Driller _____, Driller

J. A. Byrd - Lease Foreman _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2933	2933	Sand & shale - - - - - Tertiary
2933	3265	332	Sandstone, shale & coal - - - Fruitland
3265	3400	135	Sand, some shale - - - - - Upper P. C.
3400	3492	92	Sandstone - - - - - True P. C.
3492	5438	1946	Dark shale, some sand - - - Lewis
5438	5523	85	Sandstone & shale - - - - - Cliff House
5523	5767	244	Sands, shale & coals - - - - - Menafee
5767	5962 (TD)	195	Sandstone, shale stringers - - Point Lookout

