

OKLAHOMA CITY
1532 NW 29th
Phone 58-4915

SUBSURFACE ENGINEERING COMPANY

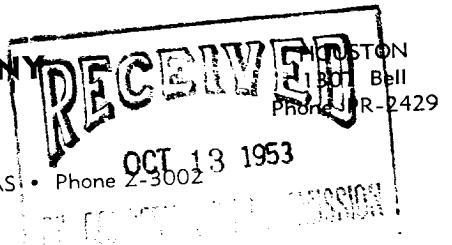
production engineering services

Post Office Box 1827 • TULSA • Phone 54-5819

CORPUS CHRISTI, TEXAS • Phone 4-4144

MIDLAND, TEXAS • Phone 2-3002

SNYDER, TEXAS • Phone 3-6272



Field **Hobbs Pool**

Invoice No. **M-9-241**

Company **The Texas Company**

Lease **State of New Mexico "C"**

Well No. **2**

Date **9-23-53** Time **16:40**

Status of Well **Temperature Survey to locate casing leak**

Pay **Grayburg** Top Bottom T.D. **4210'** Datum

Tubing **3' EUE** Depth **4195'** B.H.C. Plug or Pin Packer

Casing **13 3/8" Set @ 220'** Depth **2763'** Perforations Liner Tree Top

Depth Feet	Temp	Pressure lbs.	Temp	Gradient lbs./ft.	
20		71.50			Casing Press.
100		68.75	-2.75		Tubing Press.
200		68.50	-.25		Oil Level
300		69.00	.50		Water Level
400		70.50	1.50		Hours—Shut In
500		71.75	1.25		Temp. @
600		73.00	1.25		Elevation—D.F.
700		74.00	1.00		Last Test Date
800		75.25	1.25		Press. Last Test
900		76.25	1.00		B.H.P. Change
1000		77.50	1.25		Loss/Day
1100		78.75	1.25		Choke Size
1200		79.75	1.00		Oil Bbls./day
1300		80.75	1.00		Water Bbls./day
1400		81.50	.75		Total Bbls./day
1500		82.50	1.00		Orifice
1600		83.25	.75		Static
1700		83.75	.50		Gas Sp. Gr.
1800		84.25	.50		Cu. ft./day
1900		84.75	.50		GOR
2000		85.25	.50		GFR

PRODUCTIVITY INDEX—BBLs./DAY/LBS. DROP

Last Cumulative Production	Present Cumulative Production	Production Between Tests
Instrument	Number	Recovery Factor
Run By	Calibration No.	Bbls./pound Loss
Calculations and Remarks:		Calculated By

Continued

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HOUSTON
1307 Bell
Phone PR-2429

Field Hobbs Pool Invoice No. _____
Company The Texas Company
Lease State of New Mexico "C" Well No. 2
Date 9-23-53 Time 16:40 Status of Well Temperature Survey to locate casing leak
Pay _____ Top _____ Bottom _____ T.D. _____ Datum _____
Tubing _____ Depth _____ B.H.C. _____ Plug or Pin _____ Packer _____
Casing _____ Depth _____ Perforations _____ Liner _____ Tree Top _____

Depth Feet	Temp	Pressure lb./sq. in.	Temp	Pressure lb./sq. in.	Temp	Gradient lbs./ft.	
2100	85.75	.50					Casing Press.
2200	86.25	.50					Tubing Press.
2300	86.75	.50					Oil Level
2400	87.50	.75					Water Level
2500	88.00	.50					Hours—Shut In
2600	88.75	.75					Flowing
2700	89.50	.75					Temp. @
2800	90.25	.75					Ft. °F. °F.
2900	91.00	.75					Elevation—D.F.
3000	91.75	.75					Ground
3100	92.25	.50					Last Test Date
3200	93.00	.75					Press. Last Test
3300	93.50	.50					B.H.P. Change
3400	94.25	.75					Loss/Day
3500	94.75	.50					Choke Size
3600	95.50	.75					Oil Bbls./day
3700	96.00	.50					Water Bbls./day
3800	96.50	.50					Total Bbls./day
3900	97.00	.50					Orifice
4000	97.50	.50					Line
							Static
							Differential
							Gas Sp. Gr.
							Tf
							Cu. ft./day
							GOR
							GFR

PRODUCTIVITY INDEX—BBLs./DAY/LBS. DROP

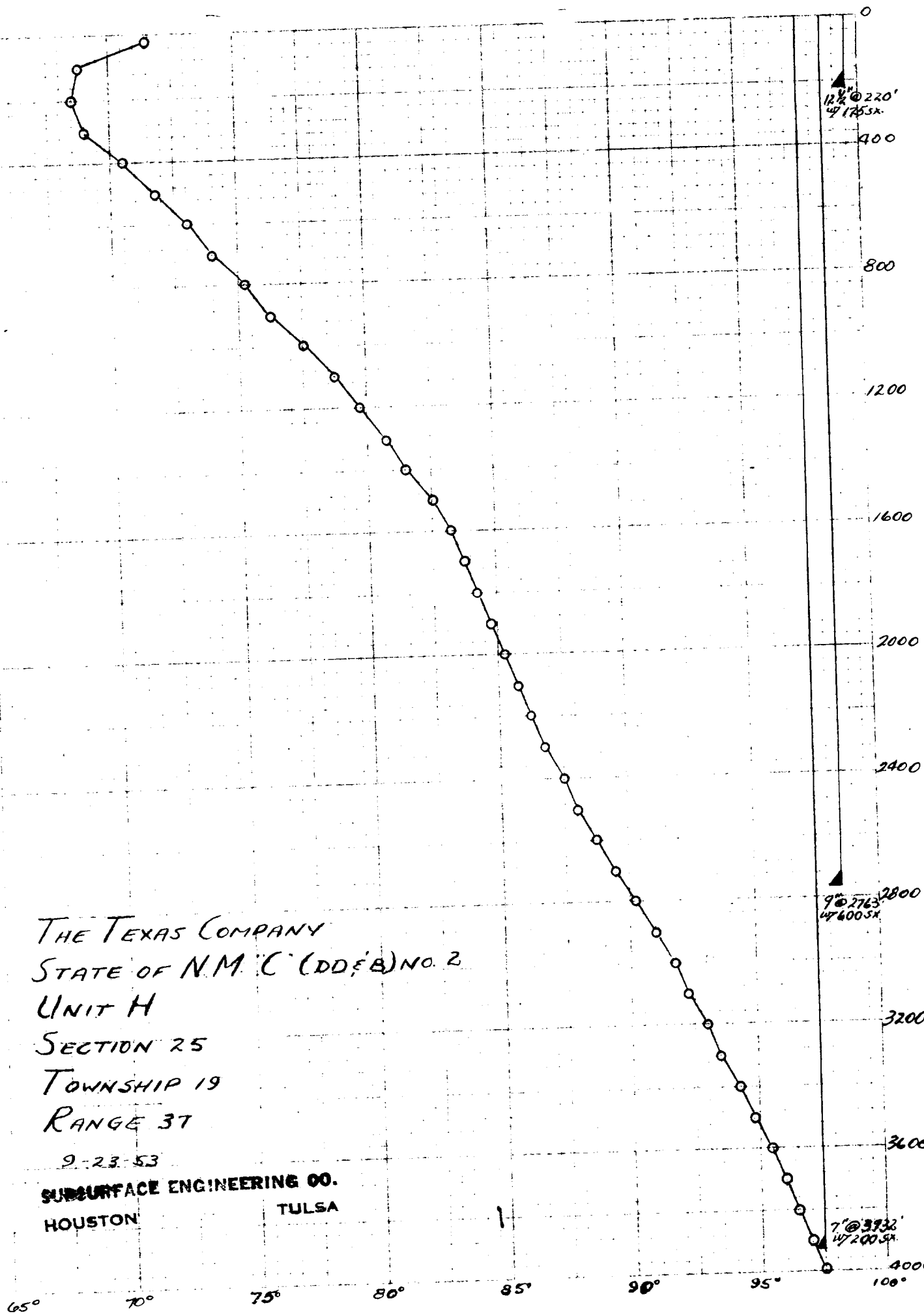
Last Cumulative Production _____ Present Cumulative Production _____ Production Between Tests _____
Instrument Amerada Number 10453 Recovery Factor _____
Run By L. Arnett Calibration No. M-3 Bbls./pound Loss _____
Calculated By Louis A. Picard

Calculations and Remarks:
Clock engaged 14:38
Run rate = 50'/min.

State of New Mexico
"C" (DD&B) #2
12 1/2" 50# LW @ 220' W/175 sx.
9" 34# 8th smls @ 2763 W/600 sx.
7" 24# 10th smls @ 3932 W/200 sx.

Location
Unit H Str. 25-19-37

ENGINEERING CO.
HOUSTON, TEXAS



THE TEXAS COMPANY
STATE OF N.M. C (DD & B) NO. 2
UNIT H
SECTION 25
TOWNSHIP 19
RANGE 37

9-23-53

SUBSURFACE ENGINEERING CO.
HOUSTON TULSA