

OKLAHOMA CITY
1532 NW 29th
Phone 58-4915

SUBSURFACE ENGINEERING COMPANY

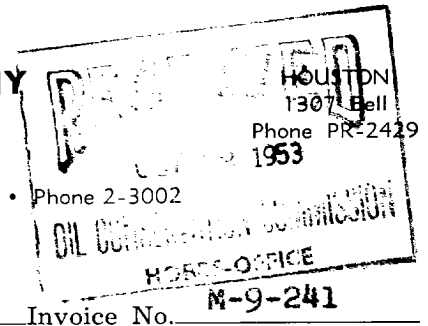
production engineering services

Post Office Box 1827 • TULSA • Phone 54-5819

CORPUS CHRISTI, TEXAS • Phone 4-4144

MIDLAND, TEXAS • Phone 2-3002

SNYDER, TEXAS • Phone 3-6272



continued

Field Hobbs Pool Invoice No. M-9-241
Company The Texas Company
Lease State of New Mexico 'C' Well No. 4
Date 9-24-53 Time 14:19 Status of Well Temperature Survey to locate casing leak
Pay Top Bottom T.D. 4132' Datum FB
Tubing 2" EUE Depth 4116' B.H.C. 12 1/2" set @ 204 Plug or Pin 7' set @ 2754' Packer 7' set 3932'
Casing 9' set @ 2754' Perforations 7' set 3932' Liner Tree Top

Depth Feet	Temp xxxx	Temp xxxx	Gradient lbs./ft.
20	74.75		Casing Press.
100	67.50	-7.25	Tubing Press.
200	66.75	- .75	Oil Level
300	68.50	1.75	Water Level
400	69.00	.50	Hours—Shut In <u>Flowing</u>
500	69.50	.50	Temp. @ <u>Ft.</u> <u>°F.</u> <u>°F.</u>
600	70.25	.75	Elevation—D.F. <u>Ground</u>
700	71.00	.75	Last Test Date
800	72.00	1.00	Press. Last Test
900	73.25	1.25	B.H.P. Change
1000	75.25	2.00	Loss/Day
1100	77.00	1.75	Choke Size
1200	78.00	1.00	Oil Bbbs./day
1300	79.25	1.25	Water Bbbs./day
1400	80.25	1.00	Total Bbbs./day
1500	81.00	.75	Orifice <u>Line</u>
1600	81.75	.75	Static <u>Differential</u>
1700	82.50	.75	Gas Sp. Gr. <u>Tf</u>
1800	83.00	.50	Cu. ft./day
1900	83.75	.75	GOR
2000	84.25	.50	GFR

PRODUCTIVITY INDEX—BBLs./DAY/LBS. DROP

Last Cumulative Production	Present Cumulative Production	Production Between Tests
Instrument	Number	Recovery Factor Bbbs./pound Loss
Run By	Calibration No.	Calculated By

Calculations and Remarks:

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RECEIVED
HOUSTON
1307 Bell
Phone PR-2429
OIL CONSERVATION DISTRICT
HOBBBS-OFFICE

Field Hobbs Pool Invoice No. M-9-241
Company The Texas Company
Lease State Of New Mexico 'C' Well No. 4
Date 9-24-53 Time 14:19 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 Recess	Temp Recess	Gradient lbs./ft.
2100	84.75	.50	Casing Press.
2200	85.25	.50	Tubing Press.
2300	85.75	.50	Oil Level
2400	86.25	.50	Water Level
2500	87.00	.75	Hours—Shut In
2600	87.50	.50	Flowing
2700	88.00	.50	Temp. @ _____ Ft. °F. °F.
2800	88.50	.50	Elevation—D.F. _____ Ground
2900	89.25	.75	Last Test Date
3000	90.00	.75	Press. Last Test
3100	90.75	.75	B.H.P. Change
3200	91.50	.75	Loss/Day
3300	92.25	.75	Choke Size
3400	92.75	.50	Oil Bbls./day
3500	93.25	.50	Water Bbls./day
3600	94.25	1.00	Total Bbls./day
3700	94.75	.50	Orifice _____ Line
3800	95.25	.50	Static _____ Differential
3900	96.00	.75	Gas Sp. Gr. _____ Tf
4000	95.25	-.75	Cu. ft./day
			GOR
			GFR

PRODUCTIVITY INDEX—BBLs./DAY/LBS. DROP

Last Cumulative Production	Present Cumulative Production	Production Between Tests
Instrument <u>Amerada</u>	Number <u>10453</u>	Recovery Factor
Run By <u>L. Arnett</u>	Calibration No. <u>M-3</u>	Bbls./pound Loss
Calculations and Remarks:		Calculated By <u>Louis A. Picard</u>

Run rate 50'/min.
Clock engaged 12:25 PM
State of New Mexico 'C' (DD&B) #4
Casing Record 12 1/2' 50# 8th rd. @ 204' w/190 sx.
9' 34# 8th. rd. 2754' w/600 sx.
7' 24# 10th rd. @ 3932' w/200 sx.
Location Unit B Str. 25-19-37

EUGENE DIETZEN CO.
MADE IN U.S.A.

W. H. P. DAVIS

