

(d) "Director" is defined as the Director of the United States Geological Survey.

(e) "Secretary" is defined as the Secretary of the Interior of the United States of America or any other person duly authorized to exercise powers vested in that office.

(f) "Department" is defined as the Department of the Interior of the United States of America.

(g) "Supervisor" is defined as the Oil and Gas Supervisor of the United States Geological Survey having jurisdiction over oil and gas operation on Federal lands in the Unit Area.

(h) "Unitized Formation" means that interval underlying the Unit Area the vertical limits of which extend from a point 100 feet above the base of the Seven Rivers formation to the base of the Queen formation; said interval having been heretofore found to occur in Texas Pacific Oil Company's Blinbry "B" No. 3 well (located 2310 feet from the west line and 330 feet from the north line of Section 34, Township 23 South, Range 37 East, Lea County, New Mexico) at an indicated depth interval of 3168 feet to 3570 feet, as recorded on the Schlumberger Electrical log Run No. 1 taken December 26, 1952, said log being measured from a derrick floor elevation of 3300 feet above sea level.

(i) "Unitized Substances" means all oil, gas, gaseous substances, sulphur contained in gas, condensate, distillate and all associated and constituent liquid or liquefiable hydrocarbons within and produced from the Unitized Formation underlying the lands unitized hereunder.

(j) "Tract" is defined as each parcel of land described as such and given a tract number in Exhibit "B".

(k) "Tract Participation" is defined as the percentage of Unitized Substances to be allocated to a Tract qualified for participation under this agreement, as shown on Exhibit "C".

(l) "Unit Participation" of each Working Interest Owner means the sum of the products obtained by multiplying the Working Interest share of such Working Interest Owner in each Tract by the Tract Participation of such Tract.

(m) "Working Interest" is defined as the right to search for, produce and acquire Unitized Substances whether held as an incident of ownership of mineral for simple title, under an oil or gas lease, or otherwise, and

Unitized Interval
Myers Langlie Mattix Unit

Excerpt from Myers Langlie Mattix
Unit agreement. Above is
definition of unitized interval
or unitized formation.

C-8-24-37

C-8-24-37

LANE WELLS

Radioactivity Log

COMPANY: R. OLSEN WELL: JACK NO. 3 FIELD: LANGLEY MATIX COUNTY: LEA LOCATION: 29°01' N. & 10°00' W. OF SECTION 8, T-24N, R-37E	Location of Well																																				
LOG MEAS FROM: TOP KELLY DRIVE BUSHING ELEV. *																																					
DPLG. MEAS FROM: TOP KELLY DRIVE BUSHING ELEV. *																																					
PERM. DATUM T. R. S. IS ** ABOVE G. L. ELEV. *																																					
TYPE OF LOG RUN NO. DATE TOTAL DEPTH (DRILLER) - FEET EFFECTIVE DEPTH (DRILLER) TOP OF LOGGED INTERVAL BOTTOM OF LOGGED INTERVAL TYPE OF FLUID IN HOLE FLUID LEVEL MAXIMUM RECORDED TEMP. SOURCE STRENGTH & TYPE SOURCE SPACING - IN. LENGTH OF MEASURING DEVICE - IN. O.D. OF INSTRUMENT - IN. TIME CONSTANT - SECONDS LOGGING - ED FT. MIN. STATISTICAL VARIATION - IN. SENSITIVITY REFERENCE RECORDED BY WITNESSED BY	<table border="1"> <tr> <td>GAMMA RAY ONE-MW 2-12-55 3110 3120 SURFACE 3103 MCT LS*</td> <td>NEUTRON ONE-MW 2-12-55 3110 3120 SURFACE 3111 MCT LS*</td> <td>RESISTANCE 275 SCHELOTZ FRENCH</td> </tr> </table>	GAMMA RAY ONE-MW 2-12-55 3110 3120 SURFACE 3103 MCT LS*	NEUTRON ONE-MW 2-12-55 3110 3120 SURFACE 3111 MCT LS*	RESISTANCE 275 SCHELOTZ FRENCH																																	
GAMMA RAY ONE-MW 2-12-55 3110 3120 SURFACE 3103 MCT LS*	NEUTRON ONE-MW 2-12-55 3110 3120 SURFACE 3111 MCT LS*	RESISTANCE 275 SCHELOTZ FRENCH																																			
<table border="1"> <tr> <th>RUN NO.</th> <th>BIT SIZE</th> <th>CASING</th> <th>WT. - LB.</th> <th>FROM WELL RECORD</th> <th>FROM LOG</th> </tr> <tr> <td>ONE</td> <td>11"</td> <td>8 5/8"</td> <td></td> <td>SURFACE TO 265</td> <td>SURFACE TO 257</td> </tr> <tr> <td></td> <td>7 7/8"</td> <td></td> <td></td> <td>265 TO 3110</td> <td>257 TO 3111</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>TO</td> <td>TO</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>TO</td> <td>TO</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>TO</td> <td>TO</td> </tr> </table>	RUN NO.	BIT SIZE	CASING	WT. - LB.	FROM WELL RECORD	FROM LOG	ONE	11"	8 5/8"		SURFACE TO 265	SURFACE TO 257		7 7/8"			265 TO 3110	257 TO 3111					TO	TO					TO	TO					TO	TO	
RUN NO.	BIT SIZE	CASING	WT. - LB.	FROM WELL RECORD	FROM LOG																																
ONE	11"	8 5/8"		SURFACE TO 265	SURFACE TO 257																																
	7 7/8"			265 TO 3110	257 TO 3111																																
				TO	TO																																
				TO	TO																																
				TO	TO																																

REMARKS OF OTHER DATA
ELEVATION UNAVAILABLE.

Recorded By
West Texas Electrical Log Service

Dallas 9, Texas

REFERENCE (69731)

COMPLETION RECORD

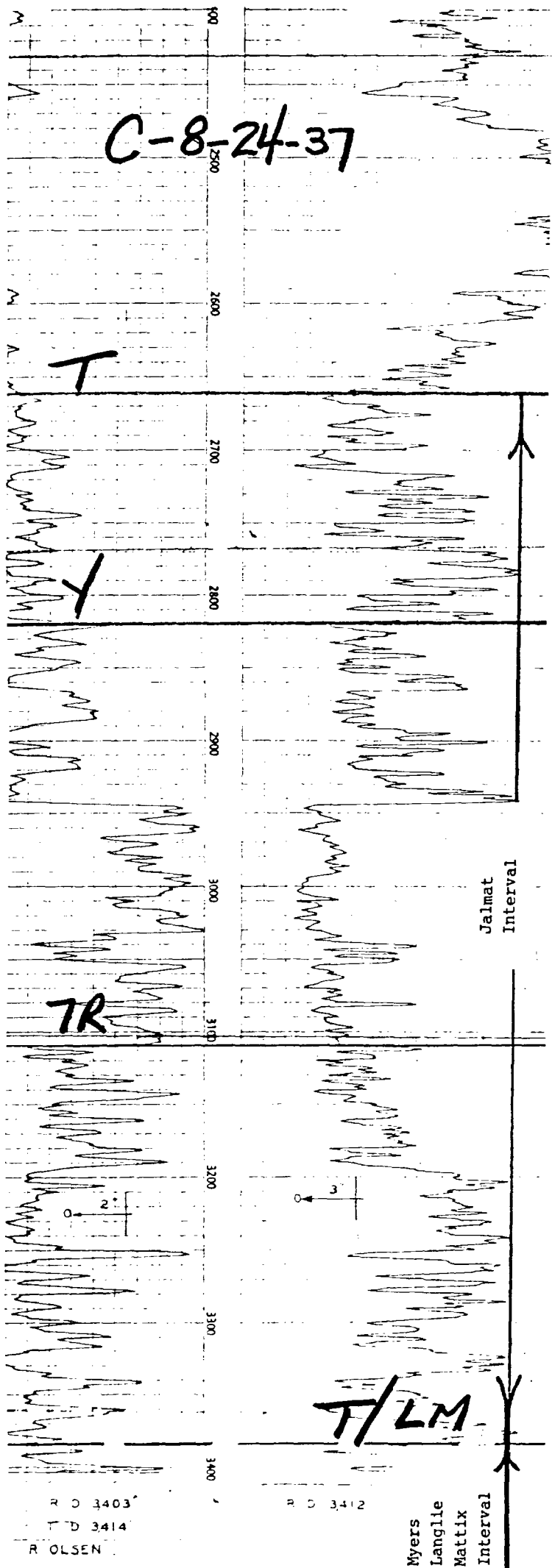
SALT DATE

CAME DATE

LOG RECORD

LOG NO.

LOG DATA



R O 3403

T D 3414

R OLSEN

JACK N°3

LANGLEY MATIX

R O 3412

Myers
Langley
Matix
Interval

REPRODUCED BY
West Texas Electrical Log Service
• 1305 COMMERCE STREET
DALLAS 1, TEXAS

SCHLIMBERGER WELL SERVING CORPORATION

COUNTY: LEA FIELD or LOCATION WELL COMPANY K. Olsen Oil Co.	COMPANY R. OLSEN OIL CO.	Location of Well 2310' f WL 330' f NL Sec. 34-23S-37E
	WELL BLINDBRY B # 3	
	FIELD TEAGUE	ES (UM)
	LOCATION SEC. 34-23S-37E	Elevation: D.F. 3300 K.B. _____ or G.L. _____
	COUNTY LEA	
	STATE NEW MEXICO	FILING No. _____

MUN No.		1	2										
Date		12-26-52	2-23-53										
First Reading		6019	6709										
Last Reading		2880	6019										
Feet Measured		3139	2690										
Cvg Sctrlum		2880											
Cvg Drills		2881	2881										
Depth Reached		6022	6713										
Bottom Driller		6019	6713										
Depth Datum		DB 10' Adv	GL										
Mud Nat		Tanner-Aquapoc.											
Density		1.3	1.24										
Viscosity		30 cP	120 cP	66 F	66 F	66 F	66 F	66 F	66 F	66 F	66 F	66 F	
Revs.		10	11	135 F	135 F	135 F	135 F	135 F	135 F	135 F	135 F	135 F	
Res. Bmt		10	11	135 F	135 F	135 F	135 F	135 F	135 F	135 F	135 F	135 F	
pH		10	11	135 F	135 F	135 F	135 F	135 F	135 F	135 F	135 F	135 F	
Wtr Loss		1000 30 min	1000 30 min	CC 30 min	CC 30 min	CC 30 min	CC 30 min	CC 30 min	CC 30 min	CC 30 min	CC 30 min	CC 30 min	
Mos Temp		119	135										
Bit Size		5/4"	5/4"										
Specs		10"	10"										
		12" L5	12" L5										
		14"	14"										
Opn. Big Time		13 Hrs	2 Hrs										
Drills No.		125 Hobbs	170 Hobbs										
Recorded By		Leggett	Leggett										
Notes													

REMARKS

THIS IS NOT A COMPLETE REPRODUCTION OF
THE ORIGINAL LOG.

SPONTANEOUS POTENTIAL millivolts	DEPTH -ft	RESISTIVITY -ohms. m ² /m
- 10 + 151 Run 2:	Run 1:	
	0 10" Normal	1250
	0 " "	1250
	0 - 32" LS Lateral	100
	Run 2: - - - - -	
	0 10" Normal	250
	0	2500
	0 - 32" LS Lateral	130

Texas Pacific
Blindry No. 3-B
C-34-23-37

3/68

CUQ

Q

P

Gb

R_T/LM

Unifized
Interval
(M.M.U)

BEFORE EXAMINER QUINTANA	
OIL CONSERVATION DIVISION	
Exhibit No. 11	CASE NO. 8666