

SCHLUMBERGER

Gamma-Gamma
SCHLUMBERGER WELL SURVEYING CORPORATION
Houston, Texas

COUNTY ROOSEVELT
FIELD or LOCATION TODD
WELL N.M. STATE AY # 5
COMPANY SUNRAY DX OIL COMPANY

COMPANY SUNRAY DX OIL COMPANY
WELL NEW MEXICO STATE AY # 5
FIELD TODD
COUNTY ROOSEVELT STATE NEW MEXICO
Location: 1980' FROM N/L
660' FROM W/L
Sec. 36 Twp. 7S Rge. 35E
Other Services: LL, ML

Permanent Datum: GL; Elev.: 4167.5
Log Measured From KB, 9.5 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 4176
D.F. 4175
KB G.L. 4167.5

Date 5-4-65
Run No. ONE
Type Log FDL
Depth—Driller 4363
Depth—Logger 4362
Bottom logged interval 4360
Top logged interval 0
Type fluid in hole CAIT GFI STARCH

Salinity
Density
Level
Max rec. l
Operating
Recorded
Witnessed

Todd San Andres Field
Roosevelt County, New Mexico

SUNRAY  **OIL COMPANY**
EXPLORATION ROSWELL DISTRICT

TYPE LOG

Vertical Scale: 1" = 50'

EQUIPMENT DATA

Gamma-Gamma				General			
Run No.	ONE			Run No.	ONE		
Tool Model No.	PGT-B			Hoist Truck No.	3722		
Diameter	3 7/8			Inst. Truck No.	3722		
Det'r Model No.	PGD-D			Tool Serial No.			
Type	SCINT			Location	HOBBS		

LOGGING DATA

General				Gamma Ray				Gamma-Gamma			
Run No.	Depths		Speed Ft./Min.	T.C. Sec.	Sens. Settings	Zero Div. L or R	API Units per Log Div.	T.C. Sec.	Sens. Settings	Zero: Div. R. of Zero of Track II	Standard C per Log D
	From	To									
1	4360	3000	30	2	400	0	10	2	300	24R	30
1	3000	0	60	1	400	0	10				

Remarks:

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R 36 E

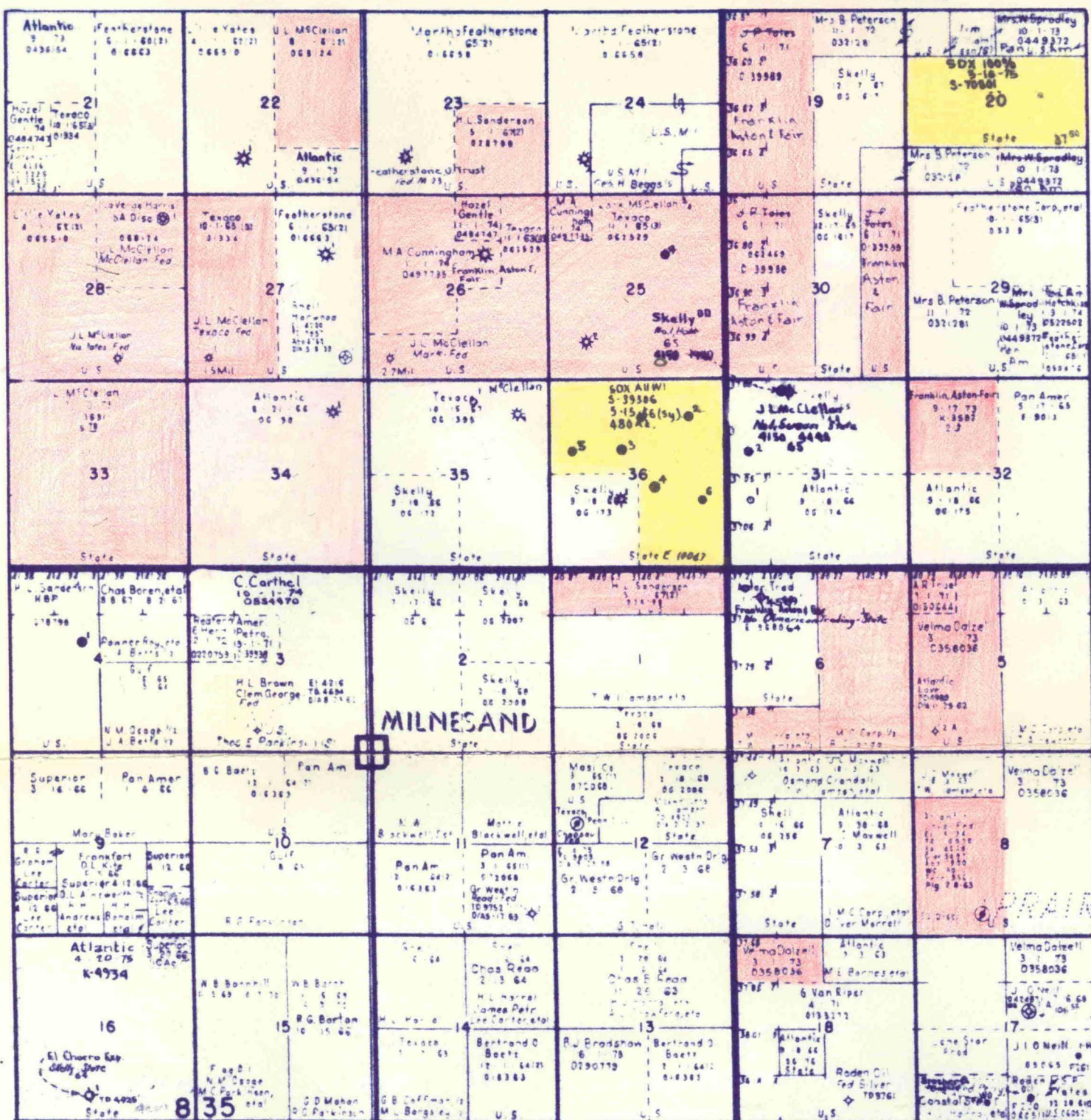


EXHIBIT NO. 1
SUNRAY DX OIL COMPANY
DATE 8-25-65

7AF #2
C 3298

The image shows the top portion of a document, featuring a dark blue header. On the left, the word "SUNRAY" is written in large, bold, white capital letters, with "EXPLORATION" in smaller white capital letters below it. In the center is a white diamond-shaped logo containing the letters "DX" in blue. To the right of the logo, the words "OIL COMPANY" are written in large, bold, white capital letters, and "ROSWELL DISTRICT" is written in smaller white capital letters below it. Below the header, the text "Todd San Andres Field" and "Roosevelt County, New Mexico" is printed in a black serif font. Further down, the words "LAND PLAT" are centered in a black serif font. At the bottom, the scale "Scale: 1" = 4000'" is printed in a black serif font.

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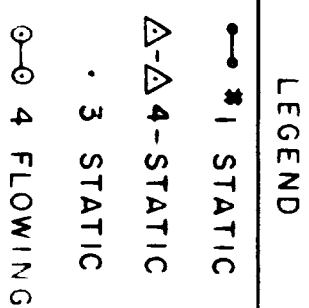


EXHIBIT 16
SIGNED ON BE COMPANY
DATE 10-11-66

SUNRAY DX OIL COMPANY
INTERFERENCE TEST DATA
FEBRUARY 8 THROUGH MARCH 15, 1966
TODD (SAN ANDRES) FIELD
ROOSEVELT COUNTY, NEW MEXICO

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