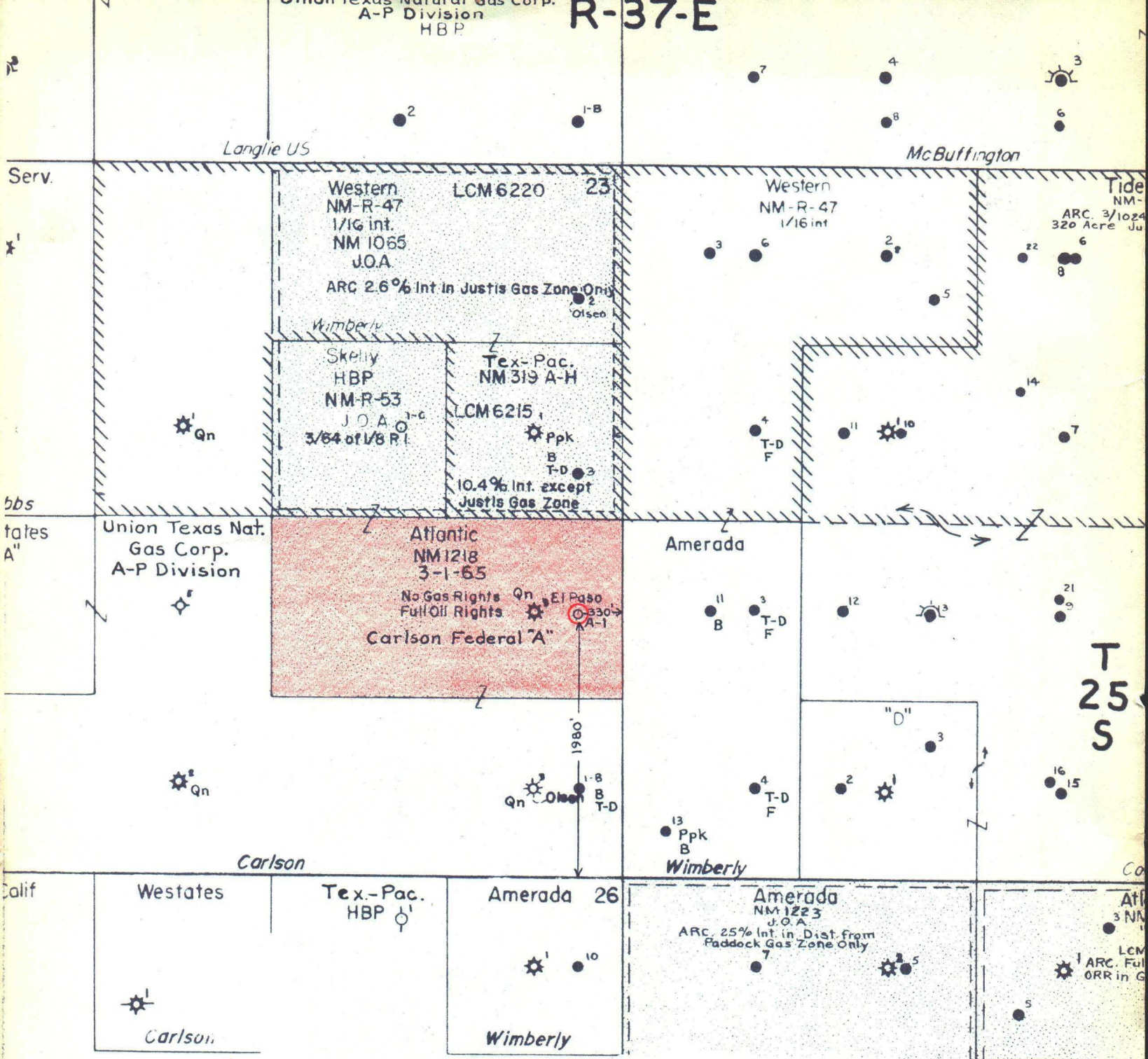




SCHLUMBERGER**GAMMA RAY - NEUTRON**

SCHLUMBERGER WELL SURVEYING CORPORATION

Houston, Texas

COUNTY <u>LEA</u> FIELD or LOCATION <u>JUSTIS</u> WELL <u>CARLSON FED. A#1</u> COMPANY <u>ATLANTIC REF. CO.</u>	COMPANY <u>THE ATLANTIC REFINING CO.</u>							
	WELL <u>CARLSON FEDERAL "A" #1</u>							
	FIELD <u>JUSTIS</u>							
	COUNTY <u>LEA</u> STATE <u>NEW MEXICO</u>							
Location: <u>1980' FSL, 330' FEL</u>		Other Services: <u>CBL</u>						
Sec. <u>23</u> Twp. <u>25 S</u> Rge. <u>37E</u>								
Permanent Datum: <u>GROUND LEVEL</u> ; Elev.: <u>3079</u>		Elev.: K.B. <u>3091</u>						
Log Measured From <u>KB</u> <u>11.6</u> Ft. Above Perm. Datum		D.F. <u>3090</u>						
Drilling Measured From <u>KB</u>		G.L. <u>3079</u>						
Date	<u>5-15-61</u>							
Run No.	<u>1</u>							
Type Log	<u>GRN</u>							
Depth—Driller	<u>6014</u>							
Depth—Logger	<u>6014</u>							
Bottom logged interval	<u>6013</u>							
Top logged interval	<u>100</u>							
Type fluid in hole	<u>OIL</u>							
Salinity, PPM Cl.								
Density								
Level	<u>417</u>							
Max rec. temp., deg F.	<u>105</u>							
Operating rig time	<u>4 HRS.</u>							
Recorded by	<u>CUNNINGHAM</u>							
Witnessed by	<u>ALLEN</u>							
BEFORE EXAMINER NUTTER OIL CONSERVATION COMMISSION <i>Atkins</i> EXHIBIT NO. <u>2</u> CASE NO. <u>2302</u>								
RUN	BORE-HOLE RECORD				CASING RECORD			
No.	Bit	From	To	Size	Wgt.	From	To	
1	8 3/4	906	6046	5/8	32.3#	SURF.	906	
				7"	23#	SURF.	6046	
ATLANTIC EXHIBIT CASE NO. 2302								

BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

Atlantic EXHIBIT NO. 3

CASE NO. 2302

Drilled $12\frac{1}{4}$ " hole to ⁹⁰⁵605'

9 5/8" casing set @ 904.82'. Used 5 centralizers @ 551', 650', 740', 839' and 900'. Cement circulated. Tested with 1300# for 30 minutes.

Drilled 8 3/4" hole to 6050'

Cement from surface to 950' (Calculated) between 7" and 9 5/8".

Top of cement - 2900'

Paddock Zone

Top @ 4652'

Perforations - 4940'-4976' with 2 shots/foot

Tubingstring - 2 3/8" O.D. buttress threads with special clearance collars. Seating nipple @ 4977.52'. Tubing bottomed @ 5014.18'

Blinebry Zone

Top @ 5024'

Perforations - 5336'-5371' & 5386'-5396' with 2 shots/foot

Tubing string - 2 3/8" O.D. buttress threads with special clearance collars. Seating nipple @ 5239.45'. Tubing bottomed @ 5277.57'.

Retrievable packer set @ 5278.25'.

Tubb/Drinkard Zone

Top @ 5717'

Perforations - 5770'-5784', 5830-5880' & 5892'-5914' with 2 shots/foot.

Tubing string - 2 3/8" O.D. buttress threads with special clearance collars. Seating nipple @ 5707.38'. Tubing bottomed @ 5751.00'.

Permanent packer set @ 5743.02'.

7" casing set @ 6047.70' (0-99.50' 7 5/8" casing). Used 15 centralizers 4497'-6042' (103' spacing). Tested w/1500# for 30 min.

T.D. 6050' PBD 6014'

THE ATLANTIC REFINING COMPANY

Carlson Federal "A" No. 1 Well

Justis (Paddock Undesignated, Justis (Blinebry) & Justis (Tubb/Drinkard)

May 31, 1961

Case No. 2302

Exhibit No.

SCHLUMBERGER**CEMENT BOND LOG**SCHLUMBERGER WELL SURVEYING CORPORATION
Houston, Texas

COUNTY LEA FIELD or JUSTIS LOCATION CARLSON FEDERAL WELL "A" #1 COMPANY ATLANTIC REF. CO.	COMPANY <u>THE ATLANTIC REFINING CO.</u>					
	WELL <u>CARLSON FEDERAL "A" #1</u>					
	FIELD <u>JUSTIS</u>					
	COUNTY <u>LEA</u> STATE <u>NEW MEXICO</u>					
LOCATION <u>1980' FSL, 330' FEL</u>				Other Services:		
Sec. <u>23</u> Twp. <u>25S</u> Rge. <u>37E</u>				GRN		
Permanent Datum: <u>GROUND LEVEL</u> , Elev. <u>3079</u>				Elev.: K.B. <u>3091</u>		
Log Measured From <u>KB</u> , <u>11.6</u> Ft. Above Perm. Datum				D.F. <u>3090</u>		
Drilling Measured From <u>KB</u>				G.L. <u>3079</u>		
Date	<u>5-15-61</u>		Type Fluid in Hole		<u>OIL</u>	
Run No.	<u>1</u>		Dens.	Visc.		
Depth—Driller	<u>6014</u>		Max. Rec. Temp.		<u>105 °F</u>	
Depth—Logger	<u>6013</u>		Est. Cement Top		<u>2900</u>	
Btm. Log Interval	<u>6006</u>		Equip.	Location	<u>1540 KERMIT</u>	
Top Log Interval	<u>2500</u>		Recorded By		<u>CUNNINGHAM</u>	
Open Hole Size	<u>8 3/4"</u>		Witnessed By		<u>EVANS</u>	
CASING REC.	Size	Wt/Ft	Grade	Type Joint	Top Bottom	
Surface String	<u>9 5/8</u>	<u>32.3</u>	<u>H-40</u>		<u>SURF.</u> <u>906</u>	
Prot. String						
Prod. String	<u>7"</u>	<u>23</u>	<u>J-55</u>	<u>SHORT & LONG</u>	<u>SURF.</u> <u>6046</u>	
Liner						
PRIMARY CEMENTING DATA						
STRING			Production			
Vol. of cement	<u>3906 FT³</u>					
Type of cement	<u>INCOR WITH</u>		<u>40% DIACEL D</u>			
Additive	<u>CACL</u>		<u>1/4 LB FLO SEAL/SACK</u>			
Additive by %	<u>2</u>					
Retarder						
Retarder by %						
Wt. of slurry	<u>11.0</u>					
Water loss						
Drill. mud type	<u>SALT GEL, OIL EMULSION</u>					
Drilling mud wt.	<u>10.0</u>					

 MINER NUTTER
 ON COMMISSION
 DT NO. 2302

ATLANTIC EXHIBIT
CASE NO. 2302

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE