

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator The Atlantic Refining Company			Lease Carlson Federal A			Well No. 2	
Location of Well	Unit J	Sec 23	Twp 25S	Rge 37E	County Lea		
	Name of Reservoir or Pool		Type of Prod (Oil or Gas)	Method of Prod Flow, Art Lift	Prod. Medium (Tbg or Csg)	Choke Size	
Upper Compl	Blindery		OIL	Flow	Tbg.	2 1/2	
Lower Compl	Tubb/Drinkard		OIL	Flow	Tbg.	1 1/2	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 8:00 A.M. (MST) 10-2-61

Well opened at (hour, date): <u>8:00 A.M. 10-3-61</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>241</u>	<u>1158</u>
Stabilized? (Yes or No).....	<u>No</u>	<u>No</u>
Maximum pressure during test.....	<u>241</u>	<u>1261</u>
Minimum pressure during test.....	<u>0</u>	<u>1158</u>
Pressure at conclusion of test.....	<u>20</u>	<u>1261</u>
Pressure change during test (Maximum minus Minimum).....	<u>241</u>	<u>103</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>Increase</u>
Well closed at (hour, date): <u>8:00 A.M. 10-4-61</u>	Total Time On Production <u>2 1/2 hours</u>	
Oil Production During Test: <u>5 1/2</u> bbls; Grav. <u>36</u>	Gas Production During Test <u>18</u> MCF; GOR <u>333</u>	
Remarks _____		

FLOW TEST NO. 2

Well opened at (hour, date): <u>8:00 A.M. 10-5-61</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>10</u>	<u>1359</u>
Stabilized? (Yes or No).....	<u>No</u>	<u>No</u>
Maximum pressure during test.....	<u>20</u>	<u>1359</u>
Minimum pressure during test.....	<u>10</u>	<u>220</u>
Pressure at conclusion of test.....	<u>20</u>	<u>318</u>
Pressure change during test (Maximum minus Minimum).....	<u>10</u>	<u>1139</u>
Was pressure change an increase or a decrease?.....	<u>Increase</u>	<u>Decrease</u>
Well closed at (hour, date): <u>8:00 A.M. 10-6-61</u>	Total time on Production <u>2 1/2 hours</u>	
Oil Production During Test: <u>3 1/2</u> bbls; Grav. <u>38</u>	Gas Production During Test <u>70</u> MCF; GOR <u>2059</u>	
Remarks _____		

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Approved _____ 19 _____ New Mexico Oil Conservation Commission	Operator <u>The Atlantic Refining Company</u> By <u>A. D. Klerin</u> Title <u>District Production & Drilling Supervisor</u> Date <u>October 11, 1961</u>
By _____ Title _____	

June 23 78
NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

5-1-61

APPLICATION FOR MULTIPLE COMPLETION

Operator The Atlantic Refining Company		County Lea	Date August 28, 1961
Address P. O. Box 1978, Roswell, New Mexico		Lease Carlson Federal "A"	Well No. 2
Location J	Section 23	Township 25S	Range 37E

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES ☒ NO ☐
2. If answer is yes, identify one such instance: Order No. **B-2006**; Operator, Lease, and Well No.:

The Atlantic Refining Company Carlson Federal "A" No. 1

The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Paddock	Blinsbry	Tubb/Drinkard
b. Top and Bottom of Pay Section (Perforations)	4973-5015 (Probable)	5310-5508 (Probable)	5808-5914 (Probable)
c. Type of production (Oil or Gas)	Oil	Oil	Oil
d. Method of Production (Flowing or Artificial Lift)	Flowing	Flowing	Flowing

4. The following are attached. (Please mark YES or NO)

- Yes** a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and air turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- Yes** b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- No** c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
- No** d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Skelly Oil Company, P. O. Box 38, Hobbs, New Mexico

Texas Pacific Coal & Oil Co, Box 1688, Hobbs, New Mexico

Anagada Petroleum Corporation, Drawer D, Monument, New Mexico

Western Natural Gas Co, Box 1860, Jal, New Mexico

Union Texas Natural Gas Corp, A-P Division, Box 196, Midland, Texas

El Paso Natural Gas Company, Box 1384, Jal, New Mexico

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☐ NO ☒. If answer is yes, give date of such notification.

CERTIFICATE: I, the undersigned, state that I am the **Drilling Superintendent** of the **Atlantic Refining Company** (Company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

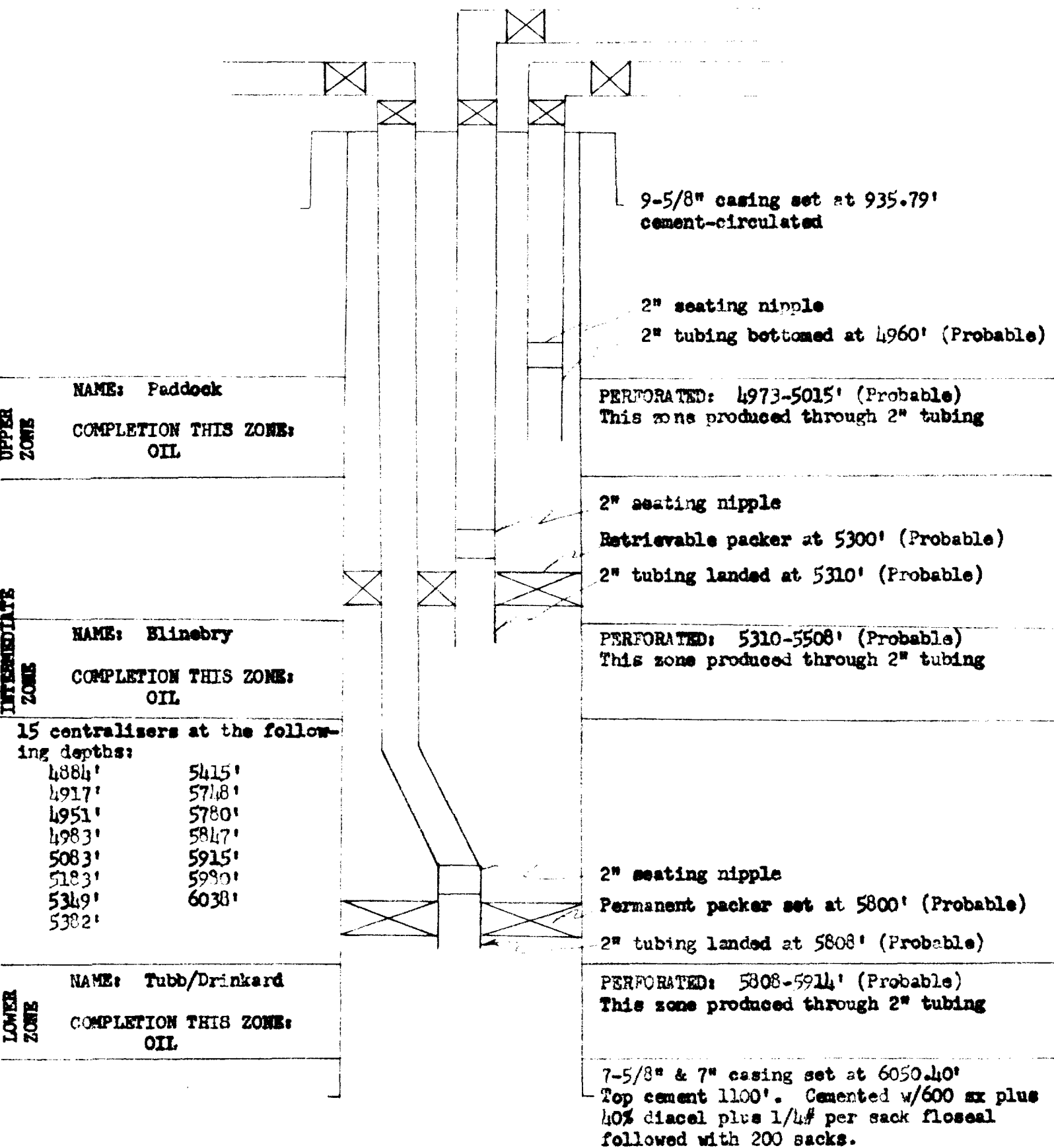
A. D. Kloxin
A. D. Kloxin

Signature

Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest or request for hearing is received by the Santa Fe office, the application will then be processed.

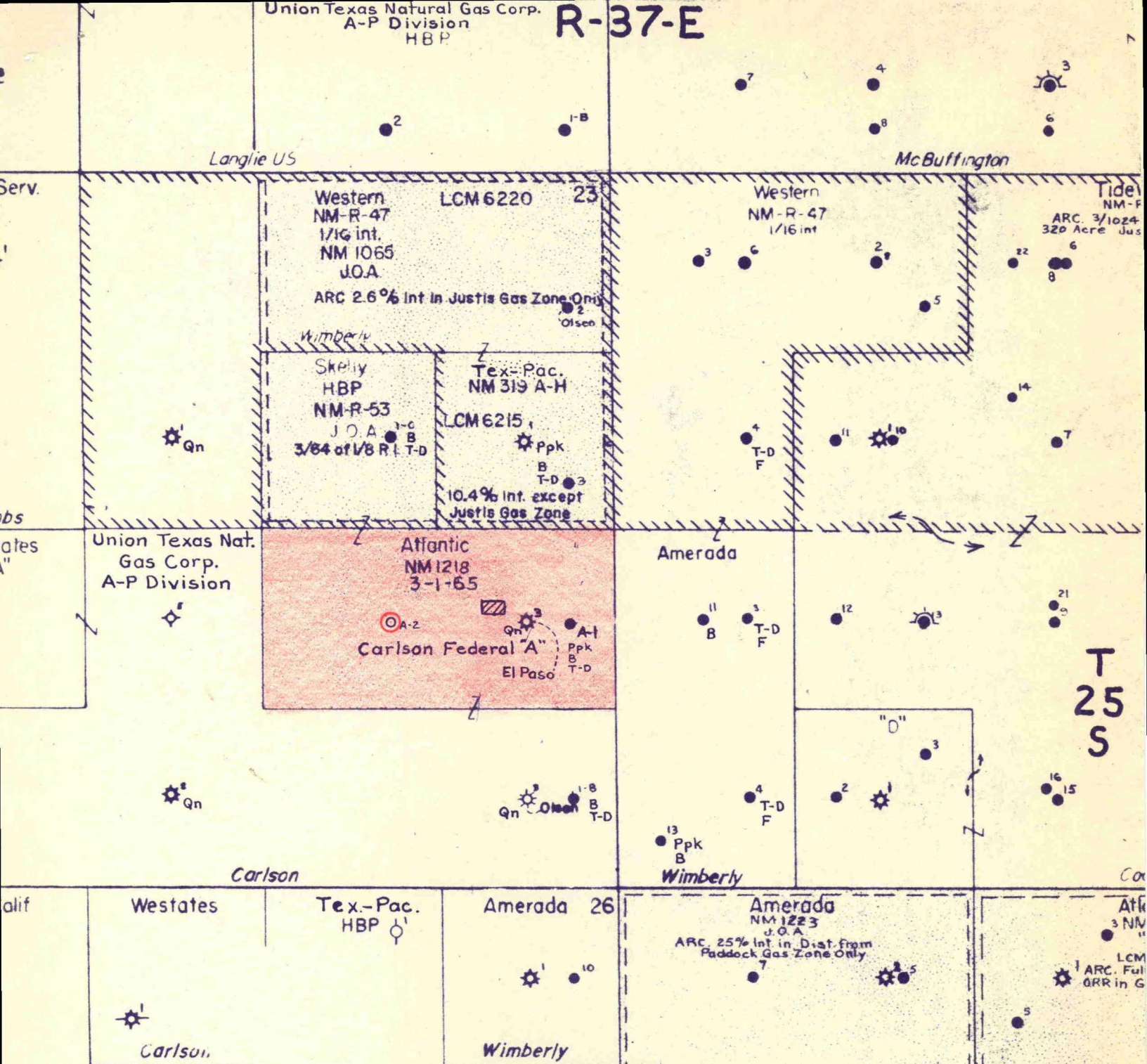
NOTE: If the proposed multiple completion will result in an off-lease well location and/or a non-standard perforation unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

Case 2378



COMPANY: THE ATLANTIC REFINING COMPANY
LEASE : Carlson Federal "A" No. 2
FIELD : Justis (Paddock Undesignated), Justis (Blinebry) and
Justis (Tubb/Drinkard)
DATE : August 28, 1961

R-37-E



THE ATLANTIC REFINING COMPANY
WEST TEXAS-NEW MEXICO REGION

AREA OF ATLANTIC CARLSON FEDERAL "A" LEASE
JUSTIS POOL

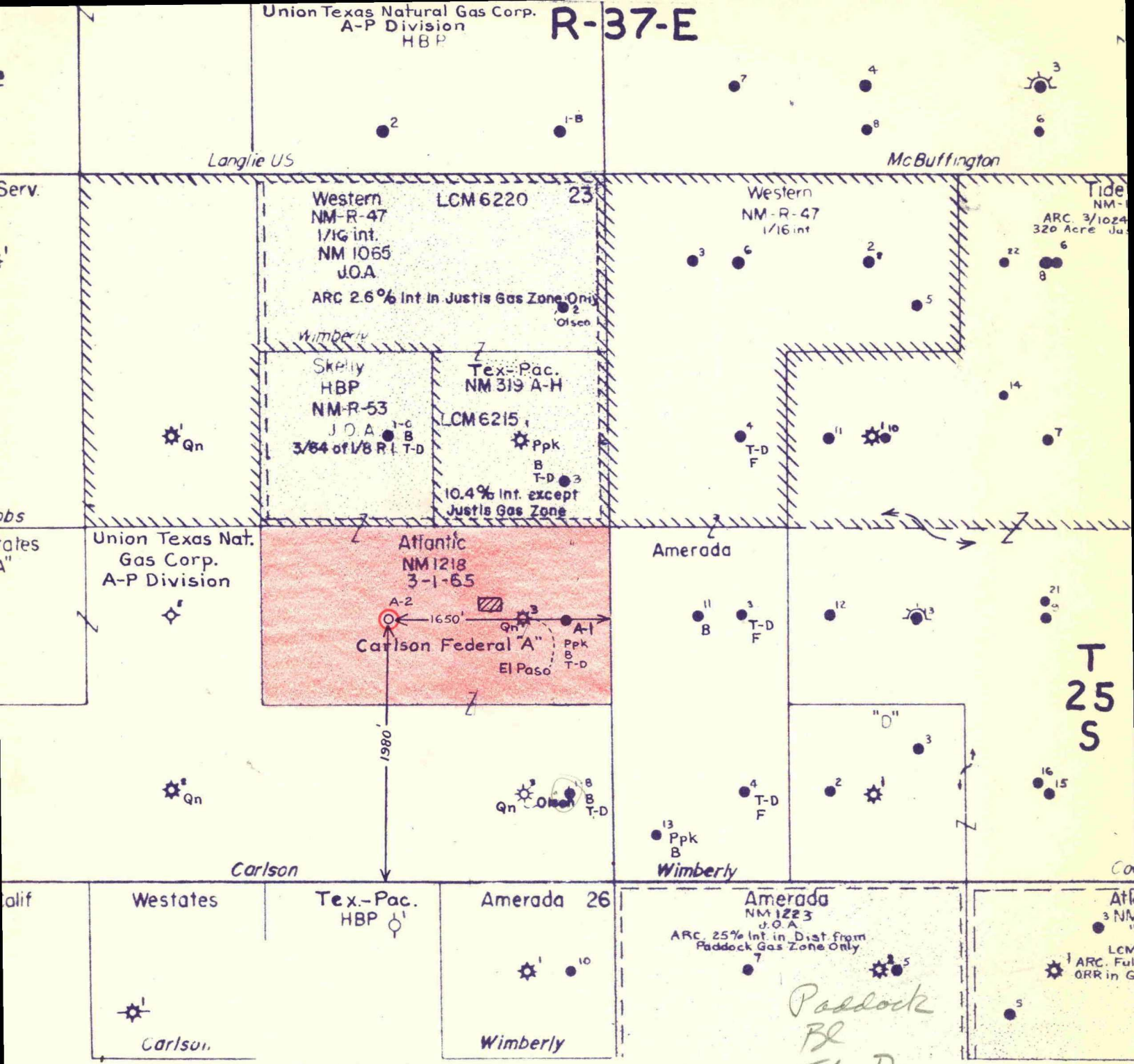
SCALE: 1"=1000'

LEGEND:

Qn. - Queen
P^{pk} - Paddock
B - Blinebry

T-D - Tubb/Drinkard
F - Fusselman
▨ - Tank Battery

Case 2378



THE ATLANTIC REFINING COMPANY
WESTERN REGION-NEW MEXICO DIST.

AREA OF ATLANTIC CARLSON FEDERAL "A" LEASE
JUSTIS POOL

SCALE: 1"=1000'

LEGEND:

Qn - Queen
Ppk - Paddock
B - Blinebry

T-D - Tubb/Drinkard
F - Fusselman
[Symbol] - Tank Battery

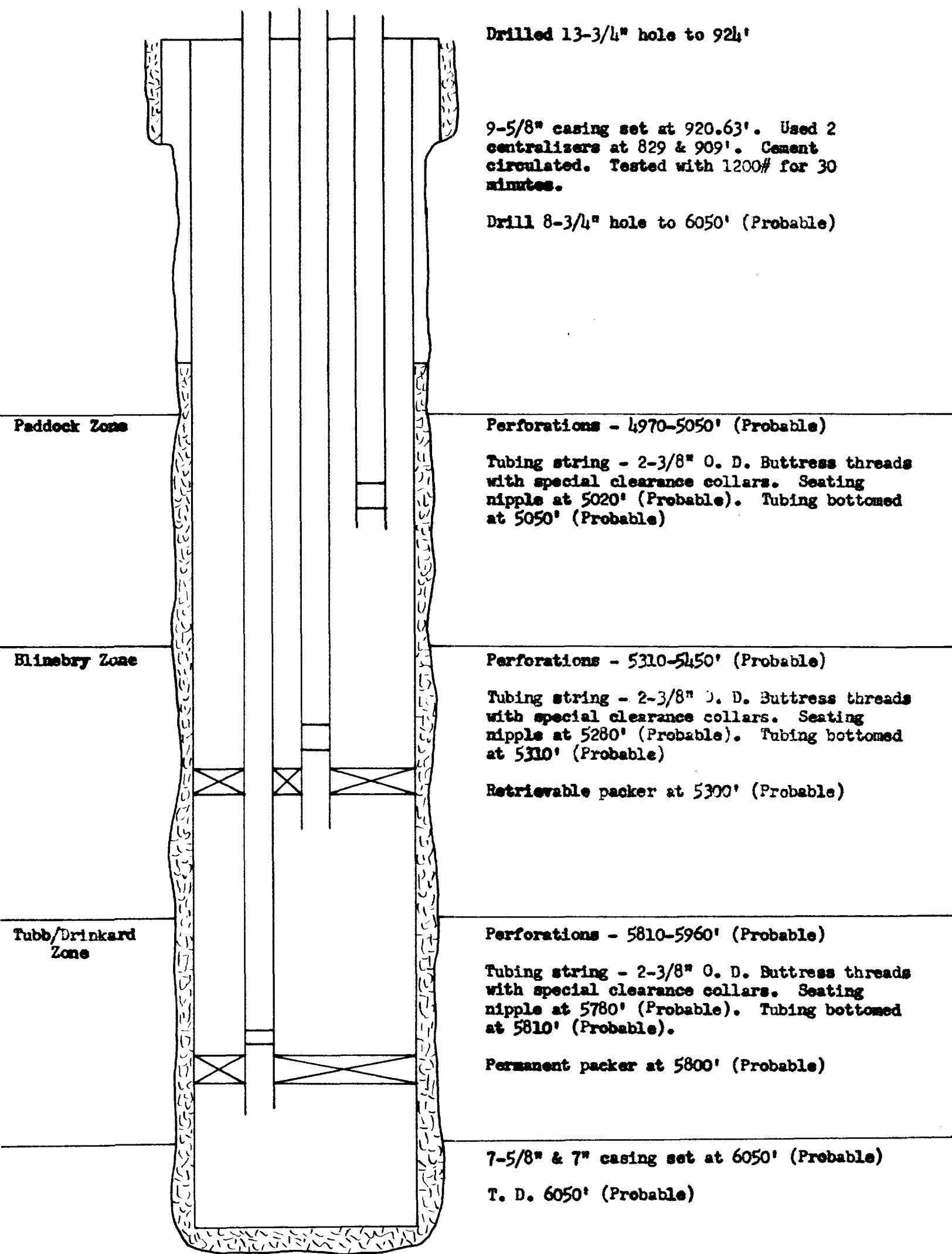
BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

EXHIBIT NO. 1

CASE NO. 2378

*Got
w/line
Paddock*



THE ATLANTIC REFINING COMPANY

Langlie Federal No. 2 Well

Justis (Paddock Undesignated), Justis (Blinbry) &

Justis (Tubb/Drinkard)

September 20, 1961

Case No. 2379

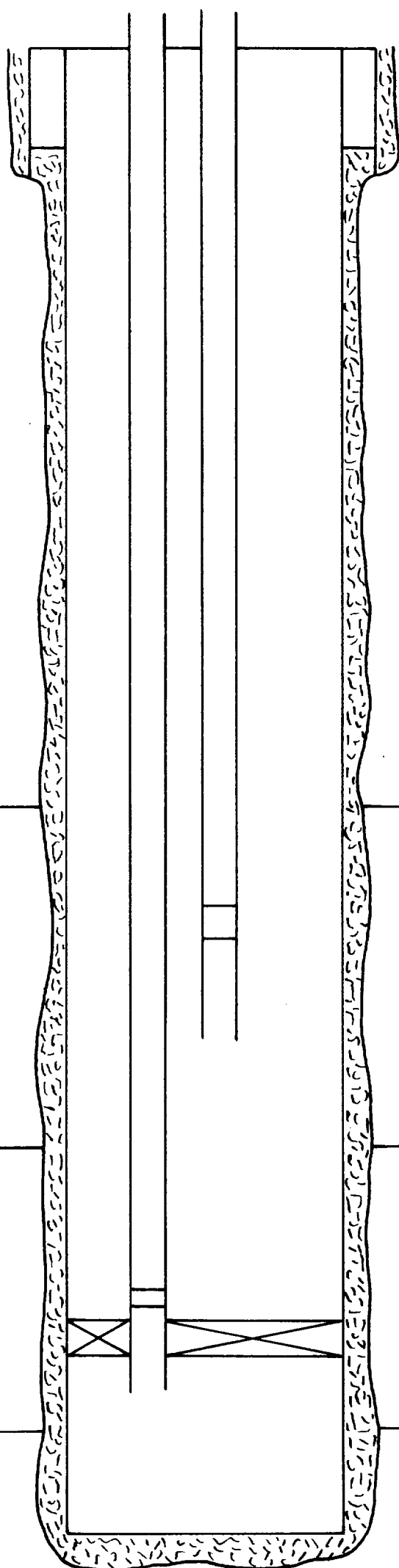
Exhibit No.

BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

ATLANTIC EXHIBIT NO. 3

CASE NO. 2379



Drilled 13-3/4" hole to 940'

9-5/8" casing set at 935.79'. Used 2 centralizers at 867' and 925. Cement circulated. Tested with 750# for 30 minutes.

Drilled 8-3/4" hole to 6052'

Mud from surface to 680'. Cement from 680' to 1100' (calculated)

Top of cement - 1100'

Blinebry Zone

Perforations - 5312-5351' and 5372-5386' with 1/4 shots/foot

Tubing string - 2-3/8" O. D. buttress threads with special clearance collars. Seating nipple at 5280'. Tubing bottomed at 5310' (Probable)

Tubb/Drinkard Zone

Perforations - 5808-16', 5822-5847', 5858-5872', 5883-5888' and 5900-5914' with 1/4 shots/foot.

Tubing string - 2-3/8" O. D. buttress threads with special clearance collars. Seating nipple at 5728'. Tubing bottomed at 5750' (Probable)

Permanent packer set at 5750' (Probable)

7" casing set at 6050.40' (0-140.41' 7-5/8" casing). Used 15 centralizers at 4884, 4917, 4941, 4983, 5083, 5183, 5349, 5382, 5415, 5748, 5780, 5847, 5915, 5980, 6038. Tested w/1600# for 30 min.

T. D. 6052' PBD 6011'

THE ATLANTIC REFINING COMPANY
Carlson Federal "A" No. 2 Well
Justis (Blinebry) and Justis (Tubb/Drinkard)
September 20, 1961
Case No. 2378
Exhibit No.

NOON 2 P.M.

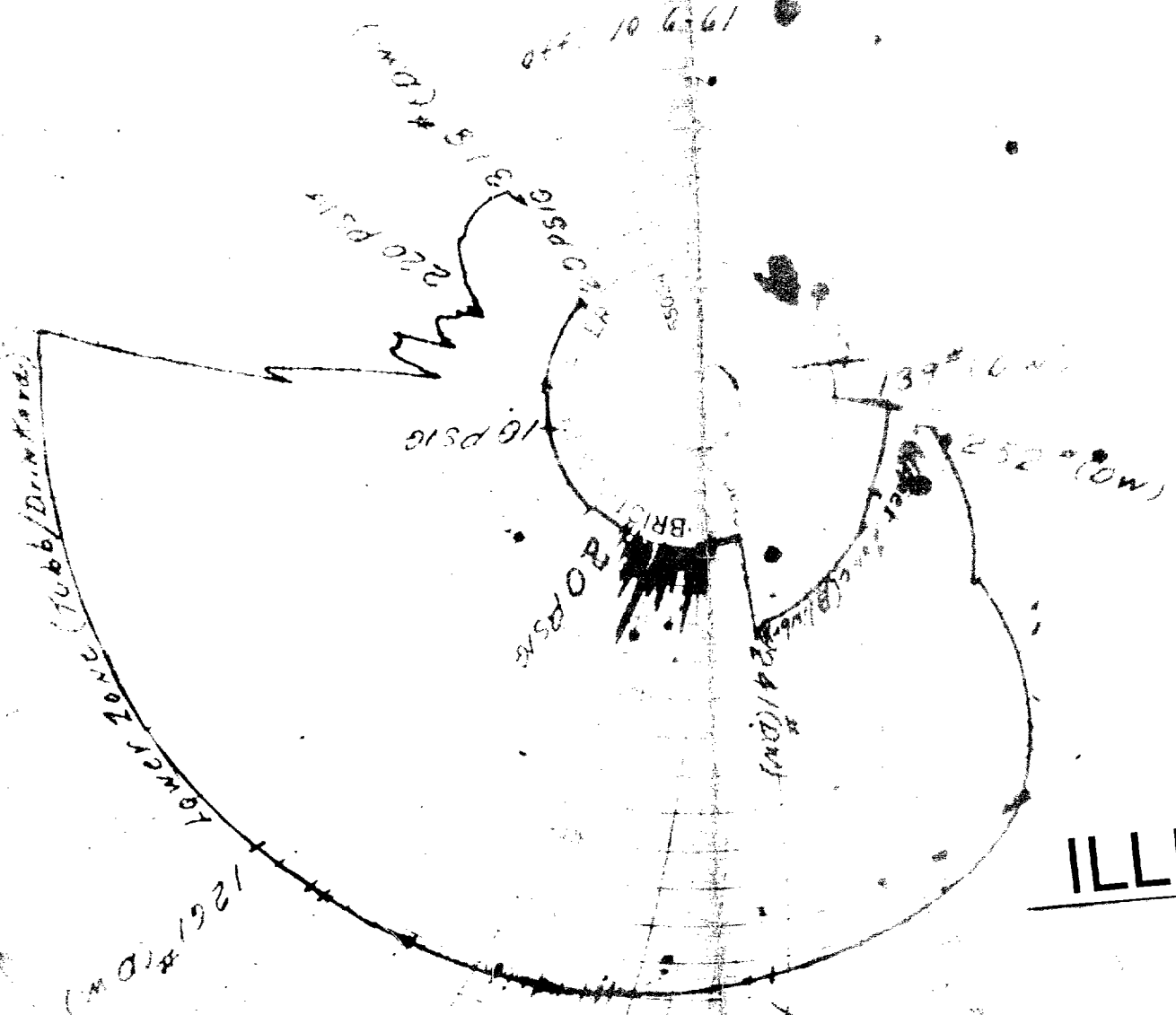
The ALLIANCE Retaining Co.
Jostis (Blueberry)

Jostis (Tubb/Diamond)
CARLTON Fed #2

INITIAL PACKER

ON 10-2-61

OFF 10-6-61



ILLEGIBLE

1 P.M.

3 A.M.

2 A.M.

1 A.M.

MIDNIGHT

11 P.M.

