

000153 1411

21893

WATER BOARD LETTER DATED 10-24-79 1 3 3 ! 4 1 2

Depth 300 ft.

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

FORM W-2
Rev. 6/12/78

13(A) Exception Dated

Surface Casing 12 3/4 - 352 ft.

APR NO 42 317 32100

RRC District
09

D.V. 3

OIL WELL POTENTIAL TEST
COMPLETION OR RECOMPLETION REPORT AND LOG

RRC Lease Number
21893

FIELD NAME (As per RRC Record - See Note 1)

Spraberry (Trend Area)

John C. L. Woody

OPERATOR

John L. Cox

185980

ADDRESS

Box 2217, Midland, Tx 79702

Well Number

(3)

Martin

Purpose of Test

Initial Potential ☒

Retest ☐

Reclass ☐

Location (Section, Block, and Survey)

Sec. 36, Blk. 37, T-2-N, T-6P

3 miles SW Tarzan

12. If Workover or
Reclass, Give
Former Field with
Reservoir & Gas ID
or Oil Lease #

FIELD & RESERVOIR

WELL ID: 42-317-32100-09
OIL LEASE # 21893

WELL

13. Type of
Electric or
Other Log run

Gamma Ray

14. Completion or
Recompletion Date

4-1-80

SECTION 1

POTENTIAL TEST DATA

APR 25 1980

15. Date of Test 4-14-80	16. No. of Hours Tested 24	17. Production Method (Flowing, Gas Lift, Jetting, Pumping - Size & Type of Pump Pump (HF -2" x1 1/2" x16')	18. Choke Size ---
19. Production During Test Period Calculated 24	Oil - BBLS 32 Gas - MCF 25 Water - BBLS 18	Gas - Oil Ratio 770:1	Flowing Tubing Pressure ---
20. Flow Rate 120	Oil - BBLS 32 Gas - MCF 25 Water - BBLS 18	Oil Gravity - API - 60° 40°	Casing Pressure ---
21. Gas Used During Test ---	22. Oil Produced Prior to Test (New & Reopened Wells) 120	23. Injection Gas-Oil Ratio ---	PSI PSI

NOTE: TEST SHOULD BE FOR 24 HOURS UNLESS OTHERWISE SPECIFIED IN FIELD RULES

INFORMATION ON ALL TESTS MUST BE KEPT IN THE FIELD OFFICE OF THE RAILROAD COMMISSION OF TEXAS, OIL AND GAS DIVISION, 1500 NORTH BRASS, AUSTIN, TEXAS 78701. THE FIELD OFFICE OF THE RAILROAD COMMISSION OF TEXAS, OIL AND GAS DIVISION, SHALL NOT BE RESPONSIBLE FOR THE LOSS OF INFORMATION. THE FIELD OFFICE OF THE RAILROAD COMMISSION OF TEXAS, OIL AND GAS DIVISION, SHALL NOT BE RESPONSIBLE FOR THE LOSS OF INFORMATION. THE FIELD OFFICE OF THE RAILROAD COMMISSION OF TEXAS, OIL AND GAS DIVISION, SHALL NOT BE RESPONSIBLE FOR THE LOSS OF INFORMATION.

EACH WITNESS MUST PERSONALLY SIGN

1. The undersigned, witnessed this test, by observation or by the use of a reliable device, and the results of the test, as shown by the device, are hereby being reported into the field office of the Railroad Commission of Texas.

Signature: REPRESENTATIVE OF COMPANY MAKING TEST

List of Offset Operators Notified and Date Notified

R-K Petroleum

Signature: REPRESENTATIVE OF RAILROAD COMMISSION

List of Offset Operators Notified and Date Notified

4-13-80

APR 16 1980

An inclination survey has been run in accordance with Rule 14 and the results are available upon request. Maximum horizontal displacement is 152.74 feet at a measured depth of 9280 feet.

Signature of Authorized Representative: A. G. FURMAN

I have knowledge that the completion operations, as reflected by the information found on the reverse side of this form, were performed as indicated by such information.

NA

Signature of Operator or Authorized Representative

Name of Company

CERTIFICATE

I declare under penalties prescribed in Sec. 91.141, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

REPRESENTATIVE OF COMPANY

Prodn. Ck.

4-15-80

Phone

915 682-9435

TITLE

DATE

A/C

NUMBER

317-32100

503

VALID PERMIT Production Allocation

SECTION II DATA ON WELL COMPLETION AND LOG (Not Required on Retest)									
24. Type of Completion: New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>					25. Permit to Drill, Plug Back or Deepen DATE 10-23-79 PERMIT NO. 061635 CASE NO.				
26. Name of Intention to Drill this Well was filed in Name of John L. Cox					27. Water Injection Permit PERMIT NO.				
28. Number of Producing Wells on this Lease in This Field (Reservoir) including this Well 3					29. Total Number of Acres in this Lease 640				
30. Date Plug Back, Deepening, Backover or Drilling Operations Commenced 1-23-80 Completed 2-6-80					31. Distance to Nearest Well Same Lease & Reservoir 2640'				
32. Location of Well, Relative to Nearest Lease Boundaries 1320 Feet From NORTH Line and 1320 Feet From West Line of the Johnical Woody Lease					33. Elevation (DP, RAB, RT, GR, ETC.) 2790 Gr.				
34. Top of Pay 8350					35. Total Depth 9280				
36. Surface Casing Field Determined by Rules					37. Recommendation of T.D.W.R. X Dr. of L. 10-24-79				
38. Is Acid Multiple Completion?					39. If Multiple Completion List All Reservoir Names, Completions in this Well and Oil Lease FIELD & RESERVOIR GAS ID # - ON - O WELL OIL LEASE # Gas - G				
40. Name of Drilling Contractor FWA Dring. Co. Inc.					41. Is Cementing Affidavit Attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
42. CASING RECORD (Report All Strings Set in Well)									
CASING SIZE	WT. / FT.	DEPTH SET	MULTISTAGE TOOLDEPTH	TYPE & AMOUNT CEMENT (Sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.		
12 3/4"	36#	352		C-350 SX.	17"	Circulated	626		
8 5/8"	24#	4190		C-1000 SX.	11"	7632 Est.	1940		
3"	11.6#	9280		DWL, C-1400sx.	7 7/8"	3150 TS	2600		
43. LINER RECORD									
Size	TOP	Bottom	Sacks Cement	Screen					
44. TUBING RECORD									
Size	Depth Set	Packer Set	From	To	45. Producing Interval (this completion) indicate Depth of Perforation or Open Hole				
2"	8100		8358	8645	w/17 holes				
			9065	9235	w/18 holes				
46. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.									
Depth Interval					Amount and Kind of Material Used				
8358-8645					Erac w/40,000 gal.				
9065-9235					Erac w/50,000 gal.				
47. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)									
Formations	Depth	Formations	Depth						
Redbeds	300								
Spraberry	8350								
Dean	9060								
REMARKS									
1011, EXHIBITION DRIVE									

WELLS BORED FELIES DYLED

000153 1413
TEXAS DEPARTMENT OF WATER RESOURCES

1148

1700 N. Congress Avenue
Austin, Texas



TEXAS WATER DEVELOPMENT BOARD

A. L. Black, Chairman
John H. Garrett, Vice Chairman
Milton T. Potts
George W. McCleskey
Glen E. Roney
W. O. Bankston

TEXAS WATER COMMISSION

Felix McDonald, Chairman
Dorsey B. Hardeman
Joe R. Carroll

Harvey Davis
Executive Director
October 24, 1979

[John L. Cox
Box 2217
Midland, Texas 79702]

IN REPLY REFER TO:
SC-1148

Gentlemen:

Re: Johncal Woody, Well #3
T & P Survey
Sec. 36, Blk. 37, T-2-N
Martin County, Texas

Reference is made to your inquiry of October 19, 1979 regarding the protection of usable-quality water strata in your above named well.

Water-bearing strata must be protected down to a depth of 300 feet.

NOTE: The depth to which we recommend that usable-quality water strata should be protected is intended to apply only to the subject well. Approval of the well-completion methods for protection of this ground water falls under the jurisdiction of the Railroad Commission of Texas. This recommendation is intended for normal drilling and production operations only and does not apply to salt water disposal operations. It should not be used as a recommendation for fieldwide usable-quality water protection rules.

Very truly yours,

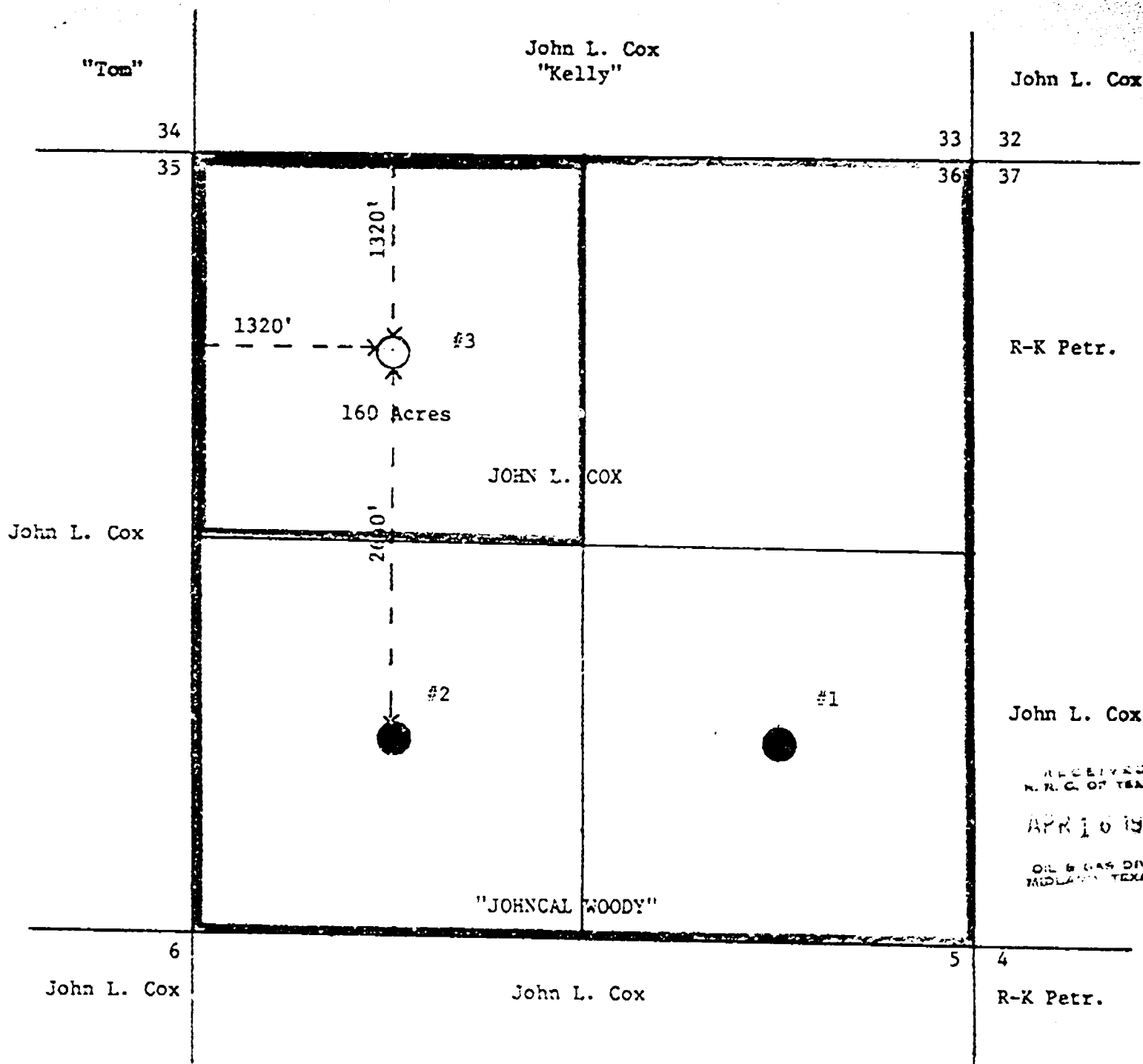
R. N. Webster
R. N. Webster
Geologist, Surface Casing

RNW/yh
cc: RRC, Austin
RRC, District Office #8

RECEIVED
A. L. C. OF TEXAS
OCT 25 1979
OIL & GAS DIV.
THE RAILROAD COMMISSION

8-10-2-1893

00153 1414



Scale: 1" = 1000'

I hereby certify that I am familiar with the conditions as they actually exist on this lease; that the above plat which is drawn to the scale indicated hereon is to the best of my knowledge true and correct; and that this plat actually reflects said lease and the location of Well No. 3 located thereon is as indicated on the plat.

Martha Wittenbach
Martha Wittenbach, Prodn. Accountant

OPERATOR:	John L. Cox
LEASE:	JOHNCAL WOODY
ACRES IN LEASE:	640 (All Sec. 36)
ACRES IN UNIT:	160
FIELD:	Spraberry (Trend Area)
DESCRIPTION:	1320' FN&WL, Section 36, Block 37
	T-2-N, T&P RR Company Survey
	Martin County, Texas
DATE:	October 19, 1979

READ THESE INSTRUCTIONS AND COMPLY FULLY.

INSTRUCTIONS

1. DO NOT BEGIN DRILLING OPERATIONS ON ANY LOCATION PRIOR TO FILING FORM W-1 AND UNTIL PERMIT GRANTED BY THE COMMISSION HAS BEEN RECEIVED AND WAITING CLAUSE PERIOD, IF SPECIFIED IN PERMIT, HAS TERMINATED. THE DISTRICT OFFICE MUST BE NOTIFIED TWENTY-FOUR (24) HOURS PRIOR TO INITIATION OF ANY DRILLING OPERATIONS.

2. Before this application can be processed, a Form P-5 (Organization Report) showing the exact operator name used on this Form W-1 must be on file with the Railroad Commission in Austin. If a new operator name is used, a new Form P-5 must be filed.

3. **REGULAR APPLICATION:**

This form shall be filed in duplicate in the appropriate district office for regular locations.

4. **RULE 37 EXCEPTION APPLICATION:** Read carefully and furnish complete data.

a. If this application includes a Rule 37 exception (spacing less than prescribed by rule), this form must be filed in triplicate in the appropriate district office. In addition, the applicant shall identify on the plat all property adjoining this lease by giving the lease name and the operator's name and address for each such property, or where unleased, the name and address of the property owner. (Names and addresses may be listed on a separate sheet, but must be correlated with the plat.)

b. Applicant for permit to deepen, plug back or re-enter shall enter all previously assigned Rule 37 case numbers in Column 15 and if the location was drilled originally as a regular location, he shall state "None" in Column 15.

REGULAR AND RULE 37 EXCEPTION APPLICATIONS: Read carefully and furnish complete data.

5. a. **USE ONLY THE COMMISSION APPROVED FIELD DESIGNATION.** If this location is for more than one field, list each separate field and give data required on form for each.

b. **IF A WILDCAT,** write "Wildcat" in place of field name and under "Completion Depth" state total projected depth. A reservoir that has never been given a field designation by the Commission is considered a Wildcat.

6. a. **A neat, accurate PLAT OR SKETCH OF THE LEASE MUST BE ATTACHED** to this form as part of the application.

This plat must include:

- (1) Proration or density unit boundary for the location herein applied for and such unit boundaries for each producing well on this lease completed in the same field according to Statewide Rule 38(C) and give the acreage contained in each unit.
- (2) Location of the proposed site.
- (3) Perpendicular distance to nearest intersecting lease lines. (Distinguish between survey lines and lease lines to avoid confusion.)
- (4) Distance to nearest drilling, completed, or applied for well on the same lease in the same field.
- (5) Section, block, or lot.
- (6) Northerly direction.
- (7) Scale.

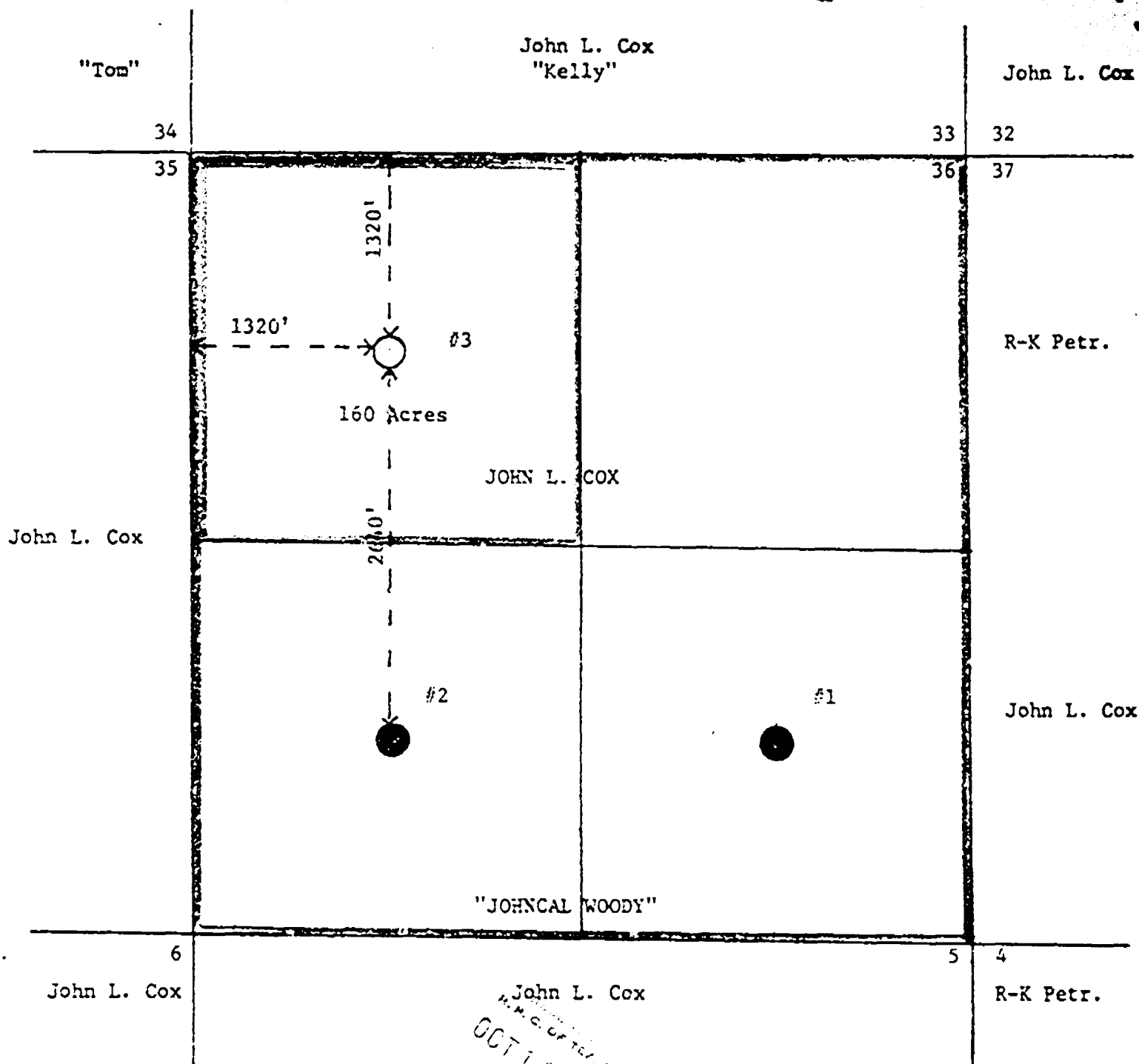
b. The following should be observed on the plat where applicable:

- (1) Where the size of the tract will permit, a scale of one inch equal to 1000 feet shall be used.
- (2) If it is not practical to show the entire lease and the plat shows only a portion of your lease, it shall be clearly shown that same is only a part of the lease, but state on the face of this form the acreage for the entire lease. If the application includes a Rule 37 exception, the entire lease must be shown.

7. a. An API well number will be assigned by the Commission for permits to DRILL from the surface. The space provided for API Well Number should be left blank by the applicant for a permit to DRILL.

b. The applicant for a permit to DEEPEN, PLUG BACK or SIDETRACK should enter the previously assigned API Well Number, if available, in the space provided, since a new number will not be assigned by the Commission.

3 0 1 5 3 1 4 1 6



Scale: 1" = 1000'

I hereby certify that I am familiar with the conditions as they actually exist on this lease; that the above plat which is drawn to the scale indicated hereon is to the best of my knowledge true and correct; and that this plat actually reflects said lease and the location of Well No. 3 located thereon is as indicated on the plat.

Martha Wittenbach
Martha Wittenbach, Prodn. Accountant

OPERATOR:
LEASE:
ACRES IN LEASE:
ACRES IN UNIT:
FIELD:
DESCRIPTION:

DATE:

John L. Cox
JOHN L. COX
640 (All Sec. 36)
160
Spraberry (Trend Area)
1320' FN&WL, Section 36, Block 37
T-2-N, T&P RR Company Survey
Martin County, Texas
October 19, 1979