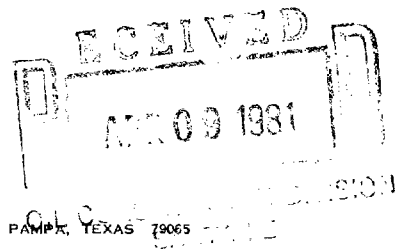




CABOT CORPORATION

P. O. BOX 5001, PAMPA, TEXAS 79065



CABLE ADDRESS "CABLAK" PAMPA
PHONE 669 - 2581 (AREA CODE 806)

April 6, 1981

gw 12-23 2

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87501

Attention Mr. Richard L. Stamets

Gentlemen:

Johnny #1, S.W.D. - Step Rate Test

Reference is made to the enclosed graph, "Water Injectivity Test", which indicates a possible fracture pressure of 1650 psi tubing pressure at 1060 barrels of water per day injection rate. Also enclosed for your convenience is a plat showing the well located 660' FNL and 660' FWL, Section 1, T14S, R37E, Lea County, New Mexico, and copy of Form C-103.

We respectfully request that our pressure limit on this well be administratively set at 1650 psi. Please advise.

Sincerely,

George A. Forrest
Regional Production Engineer

GAF:lp

Enc.

cc: New Mexico Conservation Commission
P. O. Box 1980
Hobbs, New Mexico
Attn: Jerry Sexton, District Director

CABOT CORPORATION

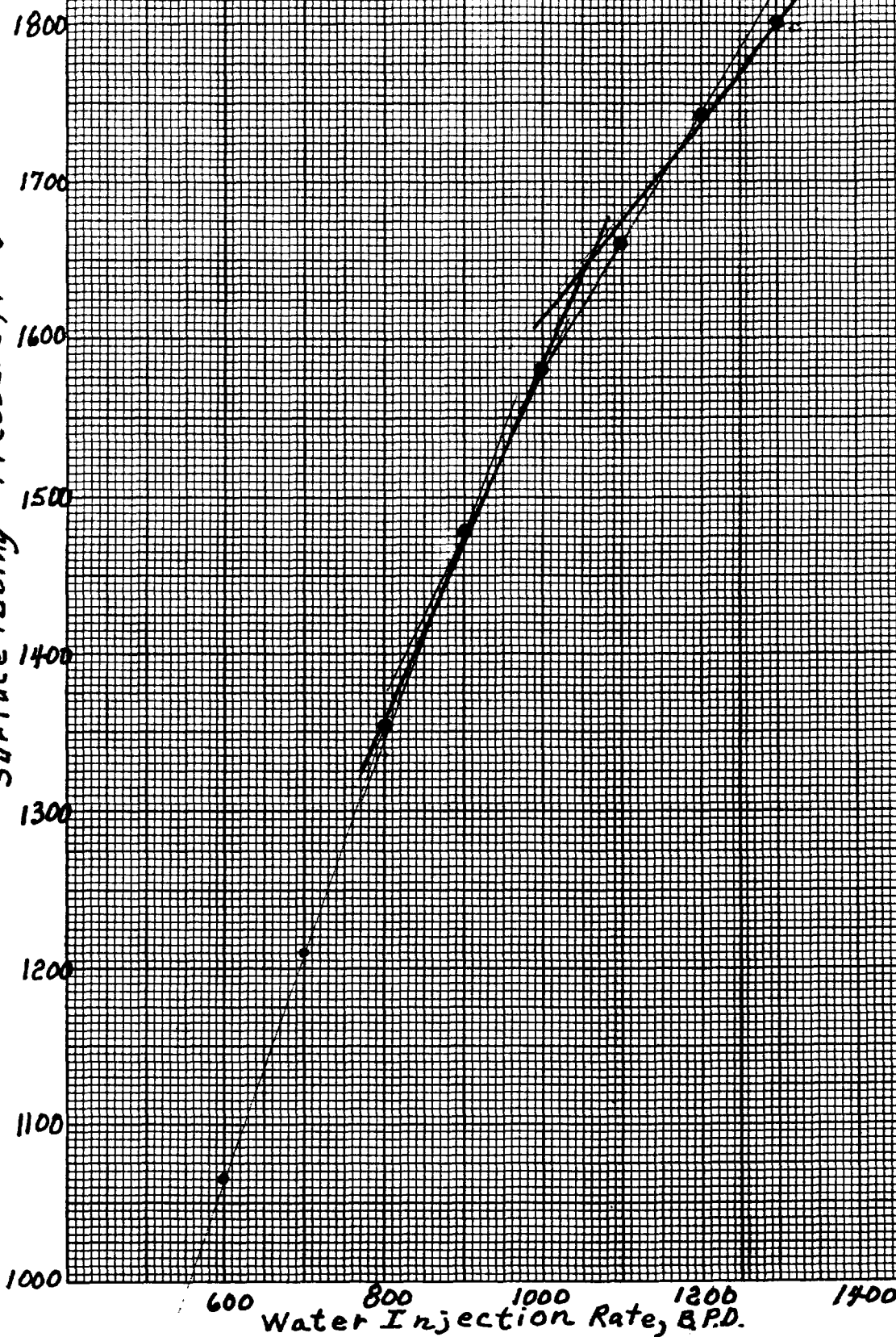
Johnny No. 1 SWD

Water Injectivity Test

3/5/81

47 1323
Pressure, PSIG.
Surface Tubing

K&E 10 X 10 TO 1/2 INCH 10 X 15 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.



Box 5001
Pampa

STEP RATE TESTERS, INC.

915/366-3409

P. O. Box 6414

ODESSA, TEXAS 79762

No. _____

COMPANY Cabot DATE 3-5-81

ADDRESS _____

WELL # Johnnie #1 LEASE _____

WELL FILE DATA:

T.D. 27/8 PACKERS @ _____ PERFS. _____

TBG. ID. _____ TBG. COATING _____ DEPTH SN. _____ BHP @ 4500'

STABILIZATION:

RATE 0 BWPD PRES. 0 PSIG. CUMULATIVE _____ BBLS.

INCREMENTS:

RATE 100 BWPD PRES. _____ PSIG. STEP LENGTH 15 MINS.

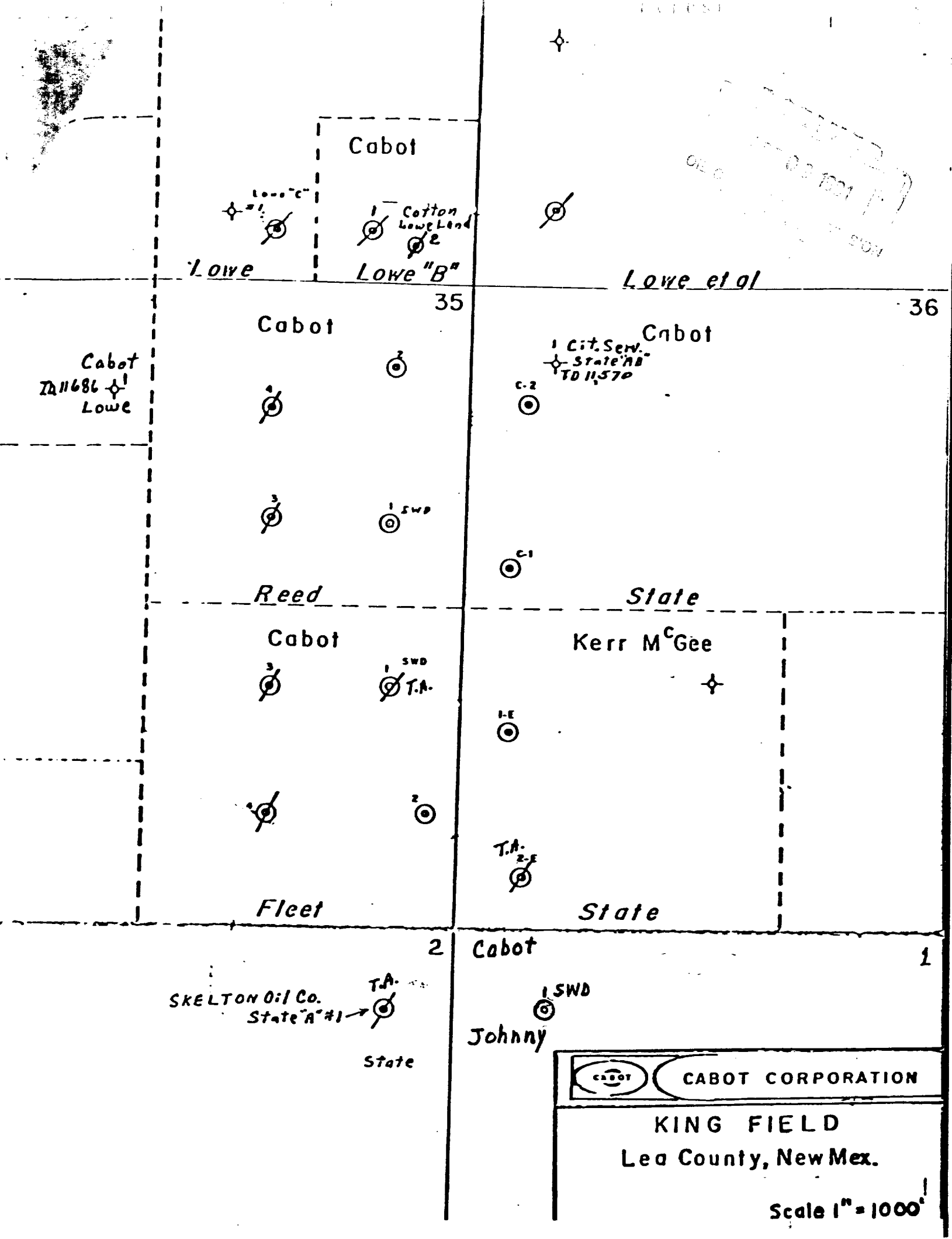
TEST RESULTS:

FORMATION PARTING POINT _____ PSIG. @ _____ BWPD

	RATE BWPD	PRESSURE SURFACE PSIG.	PRESSURE MINUS FRICTION PSIG.	PRESSURE BOTTOM HOLE PSIG.
1.	0	0		
2.	200	450		
3.	300	510		
4.	400	700		
5.	500	890		
6.	600	1065		
7.	700	1210		
8.	800	1355		
9.	900	1480		
10.	1000	1580		
11.	1100	1660		
12.	1200	1745		
13.	1300	1800		
14.				
15.				
16.				
17.				
18.				
19.				
20.				

REMARKS _____

TESTER ATK COMPANY REP. _____



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U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

1-26-81
Supercedes D-18
C-102 and C-103
Effective 1-1-81

OIL C

5a. Indicate Type of Lease
State ☐ FROM ☒ Fee ☒
5b. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG WELLS TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT - " (FORM C-101) FOR SUCH PROPOSALS.)

1. ☐ OIL WELL ☐ GAS WELL ☐ OTHER- Salt Water Disposal	7. Unit Agreement Date
2. Name of Operator Cabot Corporation	8. Name of Lease Holder Johnny
3. Address of Operator P. O. Box 5001, Pampa, Texas 79065	9. Well No. 1
4. Location of Well UNIT LETTER <u>D</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE, SECTION <u>1</u> TOWNSHIP <u>14S</u> RANGE <u>37E</u> N.M.P.M.	10. Field and Pool, or Wildcat King
11. Elevation (Show whether DF, RT, GR, etc.) 3848 DF	12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐
PULL OR ALTER CASING ☐	OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐	ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOBS ☐	OTHER <u>Reentry of P&A Well, Convert to SWD</u> ☒

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

1/21/81 - Drilled up surface 50 sx cmt. plug, test 9-5/8" csg. to 1000#
1/23/81 to 1/28/81 - Drilled cmt. plug from 4364' to 6187'.
1/29/81 - Spotted 50 sx cement plug from 6093' to 6270'.
1/30/81 - Tag cement plug and circulate; acidize open hole w/7500 gals. 15% Mod. 202 Acid.
2/3/81 - Set 9-5/8" x 2-1/2" Baker Lok-Set, retrievable, Model 51B, nickle coated packer at 4604' on 2-1/2", N-80, EUE, Plastic coated tbg.
2/4/81 - Load casing - tubing annulus with treated inert fluid.

8. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

ISSUED Ray Holridge TITLE Agent DATE February 24, 1981
SIGNED BY Harry Saxon
APPROVED BY Dist. J. S. Saxon TITLE _____ DATE FEB 26 1981
CONDITIONS OF APPROVAL, IF ANY:



STATE OF NEW MEXICO *file SWD 232*
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

LARRY KEHOE
SECRETARY

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

SWD-232
April 13, 1981

Cabot Corporation
P. O. Box 5001
Pampa, Texas 79065

Attention: George A. Forrest

Re: Johnny #1 - S.W.D. Well
Unit D, Section 1, T-14-S,
R-37-E, Lea County, New Mexico

Dear Mr. Forrest:

Based upon information and test data submitted by your letter of April 6, 1981, the maximum authorized wellhead injection pressure for the subject well is hereby increased to 1550 psi.

Please note that it remains the responsibility of the well operator to promptly report any disposal well failures or indications that injected fluid is "out-of-zone" to the supervisor of the Division's Hobbs district office.

Yours very truly,

Joe D. Ramey
JOE D. RAMEY
Director

JDR/RLS/jc

cc: New Mexico Oil Conservation Division
P. O. Box 1980
Hobbs, New Mexico 88240

Attention: Jerry Sexton
District Director

Case File No. SWD - 232