

ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



280

**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]**  
**[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]**  
**[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]**  
**[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]**  
**[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]**  
**[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]**

[1] **TYPE OF APPLICATION - Check Those Which Apply for [A]**

- [A] Location - Spacing Unit - Simultaneous Dedication  
 NSL  NSP  SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement  
 DHC  CTB  PLC  PC  OLS  OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
 WFX  PMX  SWD  IPI  EOR  PPR

[D] Other: Specify \_\_\_\_\_

[2] **NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply**

- [A]  Working, Royalty or Overriding Royalty Interest Owners
- [B]  Offset Operators, Leaseholders or Surface Owner
- [C]  Application is One Which Requires Published Legal Notice
- [D]  Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E]  For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F]  Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

**Note: Statement must be completed by an individual with managerial and/or supervisory capacity.**

_____	_____	_____	_____
Print or Type Name	Signature	Title	Date
_____			_____
e-mail Address			



NEW MEXICO ENERGY, MINERALS and  
NATURAL RESOURCES DEPARTMENT

9/28

**BILL RICHARDSON**  
Governor  
**Joanna Prukop**  
Cabinet Secretary

**Mark E. Fesmire, P.E.**  
Director  
**Oil Conservation Division**

*Thank you for your cooperation in this program.  
We appreciate your help in maintaining the safety of our wells.*

26-Sep-2006

**CRW-SWD INC**  
P.O. BOX 994  
MIDLAND TX 79702-

5459

Dear Sirs:

Our records indicate that the following well(s) are due for the type of mechanical integrity test indicated. If the required test is a pressure test, please have the necessary equipment on location and ready to commence the test at the specified time. For all types of tests, please have a representative on location to operate any valves or other equipment as necessary. Your representative should meet our inspector at the meeting place indicated below for the entire inspection group.

**Scheduled Inspections / MITs**

Meeting Place for this Inspection Group: your company's field office

Scheduled Date: 11/7/2006 11:00:00 AM

UL S-T-R	API Well No.	Well No.	Type Insp/MIT
<b>Property Name: FEDERAL AZ</b>			
I 29 26S 30E	30-015-23324-00-00	001	<b>Bradenhead</b>
<b>Property Name: ROSS DRAW SWD</b>			
C 33 26S 30E	30-015-23680-00-00	001	<b>Bradenhead</b>
<b>Property Name: ROSS DRAW UNIT</b>			
C 34 26S 30E	30-015-23224-00-00	009	<b>Bradenhead</b>

If you have any questions or need to reschedule any test, please call Mr. Gerry Guye at 505-748-1283 at the Artesia district office between 7:00 am and 4:00 pm, at least two weeks prior to the indicated schedule date.

Sincerely,

Artesia OCD District Office

**Step Rate Test**



**Cardinal Surveys Company**

January 30, 2007

CRW Corporation  
Well: SWD Ross Draw # 9  
Field:  
Eddy, NM

Intercept @ 885 BPD & 3009 PSIA
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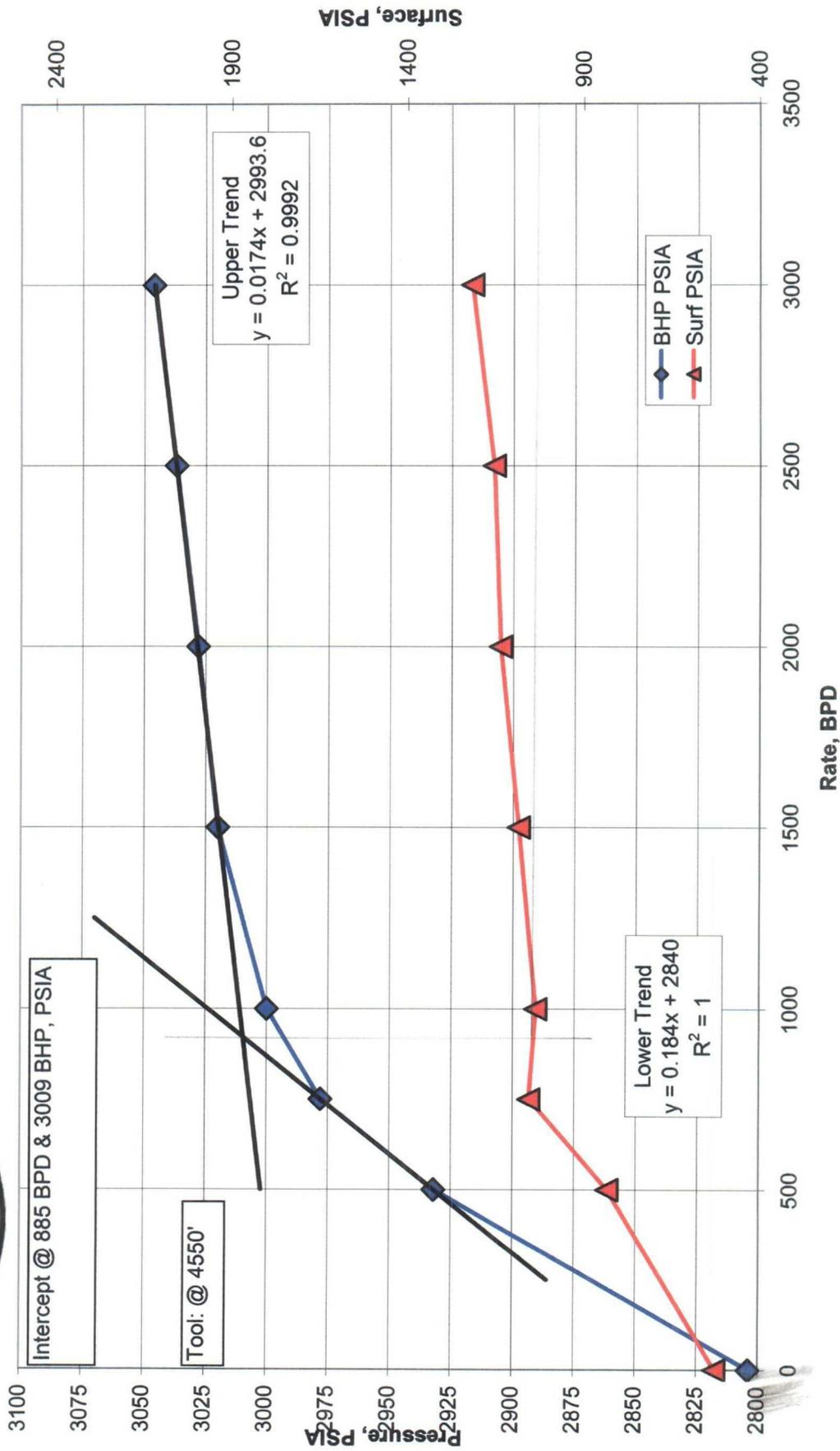
SC 54992

Downhole PSI Tool Ser. No.           71267  
Surface PSI Gauge Ser. No.  
Tool @                           4550'

	Start Time	End Time	Rate BPD	Comments
1	11:21 AM	11:45 AM		0 On Bottom
2	11:45 AM	12:15 PM	500	
3	12:15 PM	12:45 PM	750	
4	12:45 PM	1:15 PM	1000	
5	1:15 PM	1:45 PM	1500	
6	1:45 PM	2:15 PM	2000	
7	2:15 PM	2:45 PM	2500	
8	2:45 PM	3:15 PM	3000	
9	3:15 PM	3:30 PM		0 Fall Off



CRW Corporation SWD Ross Draw # 9  
Step Rate Test 01-30-07



Surface Pressure = 1,042

**Step Rate Test**

CRW Corporation  
 Well: SWD Ross Draw # 9  
 Field:  
 Eddy County, NM



	S Time	E Time	D Time	Last Rate	Step B. H. Pressure	Surf	Cum	Delta	Avg.	Lower	Upper
			Min	BPD	BPD	PSIA	BBL	BBL	BPD	Trend	Trend
1	11:21 AM	11:45 AM	24	0	0	524	0	0	0		
2	11:45 AM	12:15 PM	30	500	500	831	11.6	11.6	557	2932	
3	12:15 PM	12:45 PM	30	750	250	1054	26.4	14.8	710	2978	
4	12:45 PM	1:15 PM	30	1000	250	1035	47	20.6	989		
5	1:15 PM	1:45 PM	30	1500	500	1084	78.1	31.1	1493		3020
6	1:45 PM	2:15 PM	30	2000	500	1136	118.8	40.7	1954		3028
7	2:15 PM	2:45 PM	30	2500	500	1155	168.8	50	2400		3037
8	2:45 PM	3:15 PM	30	3000	500	1217	232.5	63.7	3058		3046
9	3:15 PM	3:30 PM	15	0	-3000	1019	232.5	0	0		

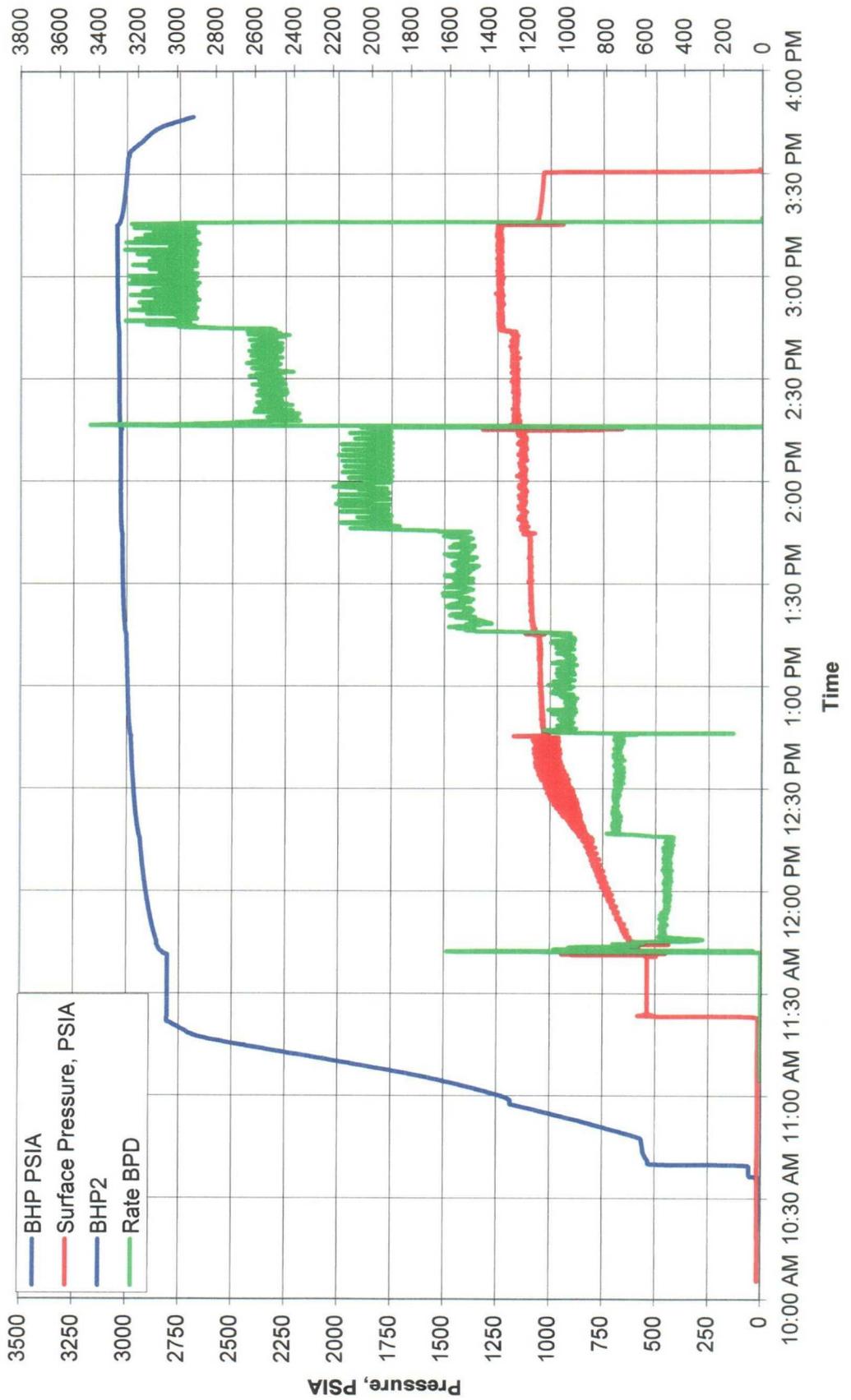
Eddy, NM

0.184 2846  
 0.0174 2993.6

int point: 885.95438 BPD  
 3009.0156 Psia

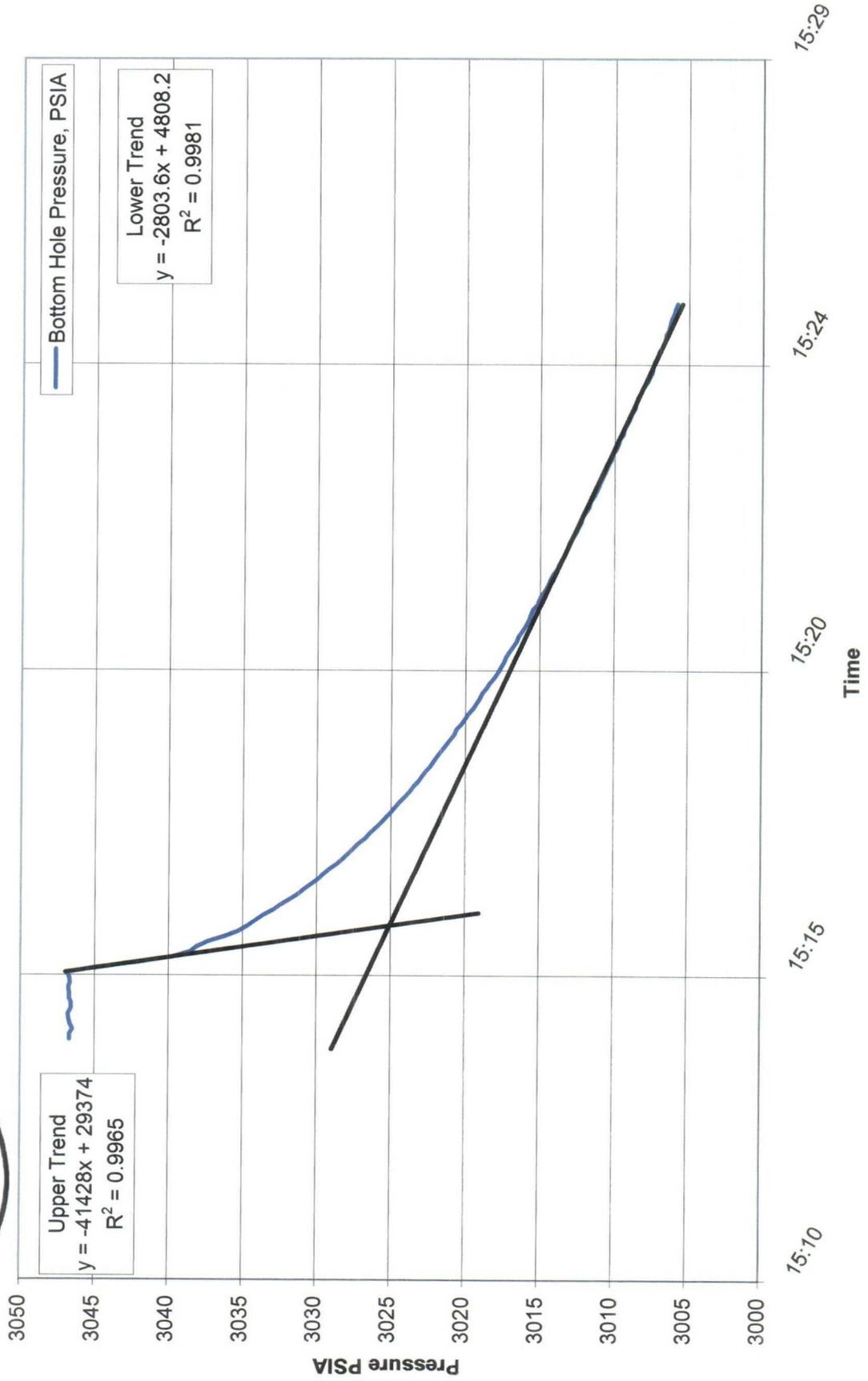


CRW Corporation SWD Ross Draw # 9  
Step Rate Test 01-30-07





CRW Corporation SWD Ross Draw # 9  
Fall Off Test 01-30-07



30-015.23224

Submit 3 Copies To Appropriate District:  
 Office  
 District I  
 1625 N. French Dr., Hobbs, NM 88240  
 District II  
 1301 W. Grand Ave., Artesia, NM 88210  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 1220 S. St. Francis Dr., Santa Fe, NM  
 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 May 27, 2004

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

WELL API NO. SWO R-8492
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 0554774
7. Lease Name or Unit Agreement Name ROSS DRAW # 9
8. Well Number 9
9. OGRID Number
10. Pool name or Wildcat ROSS DRAW OKEWAKE

**SUNDRY NOTICES AND REPORTS ON WELLS**  
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well  Gas Well  Other

2. Name of Operator  
CRW-SWO

3. Address of Operator  
BOX 994 MIDLAND TX 79702

4. Well Location  
 Unit Letter \_\_\_\_\_ feet from the 910 FNL line and 1980 feet from the FNL line  
 Section 34 Township 26S Range 30E NMPM County F004

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

Pit or Below-grade Tank Application  or Closure

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mll Below-Grade Tanks: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

884  
 20 PE  
 12-8492  
 CASE 9170

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. 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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

REMOVE 4 1/2 10.5 TBG 107 JTS, 1 7" X 3" BAKER LOCK SET  
 PACKER - REPLACE 4 1/2 TBG WITH  
 141 JTS 2 7/8 J-55 DUO-LINE TBG & 1-7" X 3" LOCK SET  
 PACKER, SET PACKER @ 4366. CIRC ANNULAS WITH  
 PACKER FLUID TEST ANNULAS TO 300' FOR 30 MIN  
 HELD OK

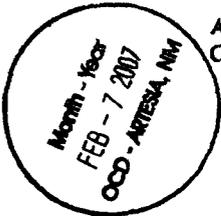
Accepted for record  
 NMOCD / J.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been will be constructed or closed according to NMOCD guidelines , a general permit  or an (attached) alternative OCD-approved plan .

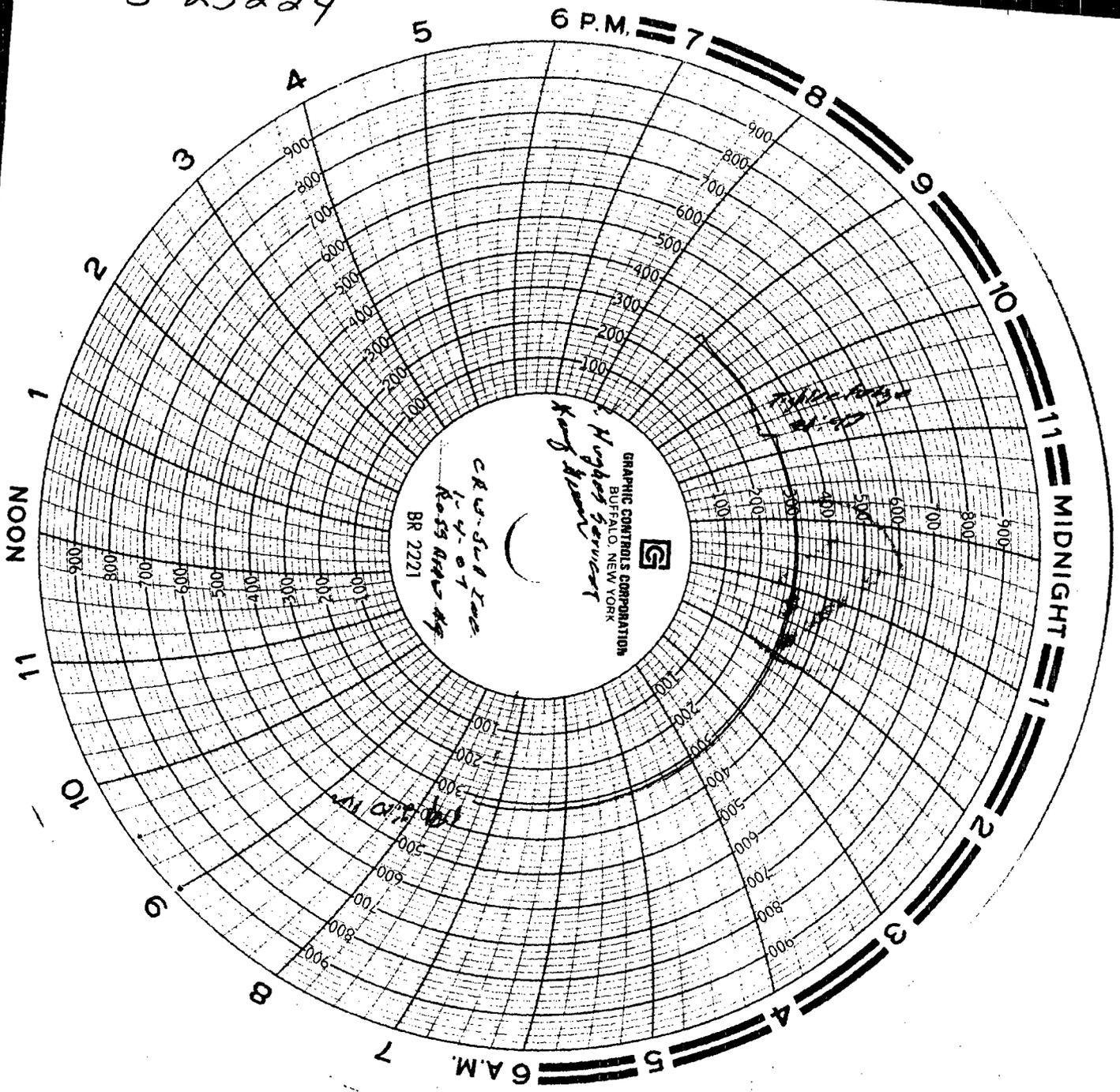
SIGNATURE Daniel H. [Signature] TITLE Inspector DATE 1-15-07

Type or print name \_\_\_\_\_ E-mail address: \_\_\_\_\_ Telephone No. \_\_\_\_\_  
**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 Conditions of Approval (if any): \_\_\_\_\_



20-015-23224



CR. 5-11-100  
1-4-07  
No. 53 R.A.M. 4p  
BR 2221



GRAPHIC CONTROLS CORPORATION  
BUFFALO, NEW YORK  
Hughes Service  
Kendall

20-015-23224

20-015-23224

20-015-23224



NEW MEXICO ENERGY, MINERALS and  
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Director  
Oil Conservation Division

09-Nov-06

**CRW-SWD INC**  
P.O. BOX 994  
MIDLAND TX 79702-

LOV NO. 027406

**LETTER OF VIOLATION and SHUT-IN  
DIRECTIVE Failed Mechanical Integrity Test**

Dear Operator:

The following test(s) were performed on the listed dates on the following well(s) shown below in the test detail section.

The test(s) indicates that the well or wells failed to meet mechanical integrity standards of the New Mexico Oil Conservation Division. To comply with guidelines established by the U.S. Environmental Protection Agency, the well(s) must be shut-in immediately until it is successfully repaired. The test detail section which follows indicates preliminary findings and/or probable causes of the failure. This determination is based on a test of your well or facility by an inspector employed by the Oil Conservation Division. Additional testing during the repair operation may be necessary to properly identify the nature of the well failure.

Please notify the proper district office of the Division at least 48 hours prior to the date and time that the well(s) will be retested so the test may be witnessed by a field representative.

**MECHANICAL INTEGRITY TEST DETAIL SECTION**

**ROSS DRAW UNIT No.009**

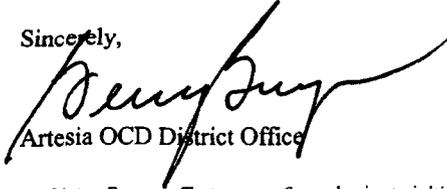
**30-015-23224-00-00**  
**C-34-26S-30E**

Active Salt Water Disposal Well

<b>Test Date:</b> 11/7/2006	<b>Permitted Injection PSI:</b>	<b>Actual PSI:</b>
<b>Test Reason:</b> Annual IMIT	<b>Test Result:</b> F	<b>Repair Due:</b> 2/10/2007
<b>Test Type:</b> Bradenhead Test	<b>FAIL TYPE:</b> Tubing	<b>FAIL CAUSE:</b>
<b>Comments on MIT:</b> Operator reported hole in tubing.		

In the event that a satisfactory response is not received to this letter of direction by the "Repair Due:" date shown above, or if the well(s) are not immediately shut-in, further enforcement will occur. Such enforcement may include this office applying to the Division for an order summoning you to a hearing before a Division Examiner in Santa Fe to show cause why you should not be ordered to permanently plug and abandon this well. Such a hearing may result in imposition of CIVIL PENALTIES for your violation of OCD rules.

Sincerely,



Artesia OCD District Office

Note: Pressure Tests are performed prior to initial injection, after repairs and otherwise, every 5 years; Bradenhead Tests are performed annually. Information in Detail Section comes directly from field inspector data entries - not all blanks will contain data. "Failure Type" and "Failure Cause" and any Comments are not to be interpreted as a diagnosis of the condition of the wellbore. Additional testing should be conducted by the operator to accurately determine the nature of the actual failure. \* Significant Non-Compliance events are reported directly to the EPA, Region VI, Dallas, Texas.