	80.22	80.10	80.20	79.90
0	Sec. 21	Sec. 22	Sec. 23	Sec. 24
	640	640	640	640
7	79.95	79.96	79.85	80.20
9	Sec. 28	Sec. 27	Sec. 26	Sec. 25
	640	640	640	640
2	79.94	79.84	80.09	80.20

W r V u U

80 80 80 80 80 80 80 80 80 80

50 24.78 24.76 24.78 24.80 24.82 24.87 24.93 24.98 24.96 24.93 24.87 24.82 24.70 24.50 24.30 24.20

32 Sec. 33 Sec. 34 Sec. 35 Sec. 36

259.06 259.60 259.60 257.60

Pine post.

TEXAS

P Q R S T

Total number of Acres 20 756.06

Scale 40 Chains to an Inch

Date of Contract	Amount of Surveys	When Surveyed	Mean Declination
	M. Ch. Li.		
July 22 1883	6 32 00	Oct 1883	11° 30' E
July 23 1883	57 02 20	Oct 26 to 27 1883	11° 27' E
" " "	6 00 00	Sept 30 1883	11° 30' E

The above Map of Township No. 26 South of Range No. 30 East of the principal Meridian New Mexico is strictly conformable to the field notes of the survey thereof on file in this Office which have been examined and approved.

Surveyor Generals Office, Santa Fe New Mexico
January 8, 1884.

Henry M. Atkinson
Surv. Gen.l

T26S R30E - A

True Meridian

Sec. 19 | Sec. 20 | Sec. 21 | Sec. 22 | Sec. 23 | Sec. 24

Sec. 30 | Sec. 29 | Sec. 28 | Sec. 27 | Sec. 26 | Sec. 25

Sec. 31 | Sec. 32 | Sec. 33 | Sec. 34 | Sec. 35 | Sec. 36

U.S.G.S. Pope 4201 E. 10.02

S. 89° 58' 30" W.

2/5 ths of a mile

Clark Mon. No 26

TEXAS

105 0 10 20 40 80

MEAN MAGNETIC DECLINATION 12°30' E. SCALE: 40 CHAINS TO AN INCH. AREA RESURVEYED, 20756.08 ACRES.

LINES DESIGNATED	BY WHOM SURVEYED	GROUP		MILEAGE		WHEN SURVEYED	
		No.	DATE	MLS.	CHS.	BEGUN	COMPLETED
SUBDIVISIONAL	WENDELL G. HALL	412	SEPT. 30, 1938.	57	36.14	FEB. 9, 1940.	MAR. 9, 1940.
WEST BDY.	"	"	"	5	34.60	"	"
NORTH BDY.	"	"	"			JAN. 20, 1940.	FEB. 15, 1940.
EAST BDY.	"	"	"			DEC. 22, 1939.	JAN. 18, 1940.
NM TEXAS BDY.	US BDY. COMM.					JULY 14, 1911	JULY 14, 1911

OFFICE OF SUPERVISOR OF SURVEYS
DENVER, COLORADO, OCTOBER 18, 1940

THE ABOVE PLAT OF TOWNSHIP NO. 26 SOUTH, RANGE NO. 30 EAST, OF THE NEW MEXICO PRINCIPAL MERIDIAN, NEW MEXICO, IS STRICTLY CONFORMABLE TO THE FIELD NOTES OF THE SURVEY THEREOF WHICH HAVE BEEN EXAMINED AND APPROVED.

Frank A. Johnson

SUPERVISOR OF SURVEYS

COMPANY FLORIDA GAS EXPLORATION COMPANY

WELL ROSS DRAW #9

FIELD UNDESIGNATED RAL UNIT

COUNTY EDDY STATE NEW MEXICO

910' FNL & 1980' FWL

Other Services: DLL

API Serial No.	Sec.	Twp.	Range
	34	26-S	30-E

Permanent Datum G.L. Elev. 2998.5

Log Measured From K.B. 27.6 Ft. Above Perm. Datum

Drilling Measured From K.B.

Elev.: K.B 3026.1 D.F. G.L 2998.5

Date	1-15-80	7-7-80
Run No.	ONE	TWO
Depth-Driller	11785	12551
Depth-Logger	11769	12546
Btm. Log Interval	11779	12547
Top Log Interval	SURF	11650
Casing-Driller	9 5/8" @ 3420	7" @ 11800
Casing-Logger	3426	11720
Bit Size	8 1/2	6 1/8
Type Fluid in Hole	BRINE/DRISPAC	SALT MUD BARITE
Dens. / Visc.	9.2 / 32	12.5 / 51
pH / Fluid Loss	10 / [illegible] ml	[illegible] / 15.2 ml
Source of Sample	PIT	PIT
Rm @ Meas. Temp.	.059 @ 83 °F	.061 @ 92 °F
Rmf @ Meas. Temp.	.156 @ 84 °F	.047 @ 92 °F
Rmc @ Meas. Temp.	[illegible]	[illegible]
Source: Rmf / Rmc	M	M
Rm @ BHT	[illegible] @ 188 °F	[illegible] @ 191 °F
Circulation Stopped	0700	1700
Logger on Bottom	1130	1900
Max. Rec. Temp.	187 °F	191 °F
Equip. / Location	3062 HOBBS	3067 HOBBS
Recorded By	CAMPAIGN	WILSON
Witnessed By	[illegible]	[illegible]

REPRODUCED BY
Petroleum Information
Corporation
MIDLAND, TEXAS 79701

REFERENCE Y 69920

35 **COMPLETION RECORD**

SPUD DATE

COMP DATE

DST RECORD

API NO

CRW-SWD, INC.
ROSS DRAW UNIT #9

EXHIBIT "F"

CASING RECORD

PERFORATING RECORD

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501

FORM C-108
Revised 7-1-81

APPLICATION FOR AUTHORIZATION TO INJECT

I. Purpose: ☐ Secondary Recovery ☐ Pressure Maintenance ☒ Disposal ☐ Storage
Application qualifies for administrative approval? ☒ yes ☐ no

II. Operator: CRW-SWD, INC.

Address: 805 ONE FIRST CITY CENTER MIDLAND, TEXAS 79701

Contact party: RALPH E. WILLIAMSON Phone: (915) 683-2200

III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? ☐ yes ☒ no
If yes, give the Division order number authorizing the project _____.

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

* VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

* X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)

* XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Ralph E. Williamson Title President

Signature: Ralph E. Williamson Date: June 2, 1987

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal. _____

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate Division district office

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

(1) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.

(2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.

(3) A description of the tubing to be used including its size, lining material, and setting depth.

(4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

(1) The name of the injection formation and, if applicable, the field or pool name.

(2) The injection interval and whether it is perforated or open-hole.

(3) State if the well was drilled for injection or, if not, the original purpose of the well.

(4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.

(5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

(1) The name, address, phone number, and contact party for the applicant;

(2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;

(3) the formation name and depth with expected maximum injection rates and pressures; and

(4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

APPLICATION FOR AUTHORITY TO INJECT

SUPPLEMENTAL INFORMATION

CRW-SWD, INC.
ROSS DRAW UNIT #9
EDDY COUNTY, NEW MEXICO

ITEM:

III. INJECTION WELL DATA:

A. (1) Well Name: CRW-SWD, Inc. Ross Draw Unit #9
910' FNL & 1980' FWL of Section 34
T.26 S., R.30 E., Eddy County, New Mexico

This well was originally drilled by Florida Gas Exploration to a depth of 12,351', logged at TD and temporarily abandoned on 7-14-80. The well was then reentered and deepened from 6-27-81 to 9-3-81 to 14,535'. An unsuccessful completion attempt was made in the Morrow, Atoka and Wolf camp formations. The well was temporarily abandoned on 6-04-82. On 1-30-84, J.C. Williamson assumed operations of this well, set a bridge plug @ 8550', put 10' of cement on plug and made a completion attempt from 5853-5969'. This well was completed as an oil well, but has since substantially depleted, and is now a marginally uneconomic oil producer.

(2) Casing Data:

13 3/8" Casing:

13 3/8" casing set at 350' in 17 1/2" hole and cemented with 200 sx Class "C" cement with 2% $CaCl_2$, cement observed to circulate to surface.

9 5/8" Casing:

9 5/8" casing set @ 3429' in 12 1/4" hole and cemented with 1635 sx lite wt. cement followed by 200 sx "C" cement, circulated 20 sx to surface.

7" Casing:

7" casing set @ 11,799' in 8 3/4" hole and cemented 1st stage with 870 sx Trinity lite wt. cement with 0.75% CFR-2/sx, followed by 300 sx Class "H" with 0.75% CFR-2 and 5# KCl/sx. Circulated off trace of cement through DV tool.

DV Tool @ 6078'in 7" Casing String:

DV tool @ 6078', cemented 2nd stage with 700 sx Trinity lite wt. with 0.5% CFR-2 and 1/4# floseal per sx, followed by 100 sx Class "H" with 0.5% CFR-2, had full returns throughout cement, did not circulate. Top of cement @ 3400' by temperature survey.

4 1/2" Liner:

4 1/2" liner @ 14,583' in 6 1/2" hole and cemented with 500 sx "H", 0.35% SF-4, 0.6% CF-6, 0.7% TF-4. Top of cement inside pipe, some cement drilled out above liner, good bond on liner as per CBL-CCL.

(3) Injection Tubing:

The tubing to be used in this well will be 4 1/2", 10.5#, J-55 8rd R-3 casing internally coated with Rice Engineering Duoline coating, to be set @ 4350 feet.

(4) Injection Packer:

The packer will be a nickel coated 2 7/8" x 7" Watson (Baker Lock-set style) packer to be set @ 4280 feet, swedged to 4 1/2" casing.

B. (1) Injection Formation:

Delaware formation. The proposed injection well is contained within the confines of the Ross Draw Delaware Field, but the Delaware Formation is an undifferentiated series of some 50 sands, some known to be productive of oil and gas, most not productive of oil and gas, or water bearing. The injection zones as discussed below are known to be salt water bearing.

(2) Injection Interval:

Injection will be into perforated intervals from 4420-4460, 4480-4510 and 4580-4640'. To prepare the well for injection, each interval will be shot with 2 shots per foot. Exhibit A and B, attached, are schematics showing present well data for the proposed injection well (Exhibit "A") and well data after recompletion for salt water disposal (Exhibit "B").

(3) Original Purpose of the Well:

This well was drilled originally as a 14,500' Morrow test by Florida Gas Exploration.

(4) Other Perforated Intervals:

5853-5969; 10,936-56; 10,984-11,010; 11,076-80; 11,677-11,731; 14,250-75; 14,327-30; 14,341-46; 14,392-400; 14,508-16,000. (See Exhibit A)

(5) Overlying and Underlying Oil and Gas Zones:

(1) The next high oil and gas zones, as is now producing in the J.C. Williamson Ross Draw Unit #2 is 3816-22. TD of this well is 3898'. This well is located in unit letter C Section 34, T-26-S, R-30-E. This well is an active oil producer.

(2) The next lower oil zone is @ 5601-5641, which is producing in the J.C. Williamson Ross Draw #11. This well is located in unit letter O Section 22, T-26-S, R-30-E. This well is an active oil producer.

V. MAP:

The attached land plat, Exhibit "C", shows wells and leases within two miles of the proposed injection well and the proposed injection wells "Area of Review".

VI: WELLS IN AREA OF REVIEW:

There are no wells in the Area of Review which have penetrated the proposed injection zone, however there are four wells in the immediate area just outside the area of review and information on these wells is included for completeness.

Wells just outside the area of review, which penetrated the proposed injection zone are:

(1) Well: J.C. Williamson Abby Federal #1
Well Type: Active oil producer
Well Location: 767' FSL & 467' FEL, Section 28, T26S, R30E, Eddy County, New Mexico.
Drilling Method: Rotary
Date Spudded: 12-21-82
Date Completed: 1-03-83
Date Completed as a Producer: 2-08-83
Total Depth: 5770'
Casing Run: 12 3/4" @ 365', set w/350 sx in 17" hole, cement circulated to surface; 8 5/8" @ 3230', set w/300 sx in 11" hole, top of cement @ 2000' (calc); 4 1/2" @ 5770', 1st stage w/300 sx in 7 7/8" hole, circulated 50 sx off of DV tool, DV tool @ 4500', 2nd stage w/400 sx, top of cement @ 3350' (temp. log).

Completion: The following zones were opened and tested, produced for short periods of time and then plugged off w/CIBP.

Zone 1: 5587-5609', acidized w/2000 gallons 15% acid, fraced w/25,000 gallons gelled KCl and 50,000# sand.

Zone 2: 4888-4915', acidized w/2500 gallons 15% acid, fraced w/25,000 gallons gelled KCl and 50,000# sand.
Well was put on production with both zones producing.
Well Potentialed to Pump: 51 Oil, 157 Water, GOR 1470/1
but subsequently oil production dropped, water remained constant.
Set CIBP @ 4860' w/10' cement on top, pressure tested CIBP, held ok.

Zone 3: 4285-4311', acidized w/1500 gallons 7 1/2% acid, set bridge plug @ 4200', tested plug, plug held ok.

Zone 4: 3633-70', acidized w/2500 gallons 15% acid, well made slight show of oil and gas, non-commercial.

Zone 5: 3555-3562', moved BP top 3620', BP held ok on test.
Acidized w/1000 gallons acid, well made trace of oil, moved BP to 3523'.

Zone 6: 3480-85', acidized w/1000 gallons, zone produced slight show of oil.

Zone 7: 3424-46', moved BP to 3484', held pressure ok. Acidize w/1000 gallons acid. Well made strong gas and some oil. Returned well to production in 3424-46' zone only. Well not repotentialed.

(2) Well: J.C. Williamson Ross Draw Unit #12
Well Type: Active oil producer
Well Location: 467' FNL & 660 ' FEL, Section 12, T26S, R30E, Eddy County, New Mexico.
Drilling Method: Rotary
Date Spudded: 10-29-85
Drilling Completed: 11-11-85
Total Depth: 6800'
Casing Run: 13 3/8" @ 575' w/600 sx in 17 1/2" hole, cement circulated; 8 5/8" @ 3275' w/250 sx in 11" hole, cemented @ 2400' (calc.); 5 1/2" @ 6800' w/450 sx in 7 7/8" hole on first stage, DV tool @ 5290', circulated off 60 sx, cemented second stage w/600 sx, top of cement @ 3100 'by temperature survey.
Completion:

Zone 1: 6689-6724', acidize w/1000 gallons 7 1/2% acid, swabbed 1-3% oil;, set RBP @ 6000', pressured plug to 2000# held ok.

Zone 2: 5815-5895', acidized w/1500 gallons 7 1/2% acid, fraced w/60,000# gelled KCl water and 90,000# sand.
Well Potentialed to Pump: 110 Oil, 214 Water, GOR 1245/1.

(3) Well: J.C. Williamson Ross Draw #15
Well Type: Active oil producer
Well Location: 660' FSL & 330' FWL, Section 26, T26S, R30E, Eddy County, New Mexico.
Drilling Method: Rotary
Date Spudded: 10-02-85
Drilling Completed: 10-14-85
Total Depth: 6850'
Casing Run: 13 3/8" @ 855' w/850 sx in 17 1/2" hole, cement circulated; 8 5/8" @ 3350' w/250 sx in 11" hole, cement top @ 2500' (calc); 5 1/2" @

6850' w/450 sx in first stage, DV tool @ 5054', 600 sx in second stage, top of cement @ 3100' by temperature survey.
Completion:
Zone 1: 6777-6790' ,acidized w/1000 gallons 7 1/2% acid, fraced w/10,000 gallons gelled KCl water, 20,000# sand, set RBP @ 6760', pressured same, held 2000# pressure.
Zone 2: 6716-27', acidized w/1000 gallons 7 1/2% acid, moved RBP to 6650', tested plug, held 2000# pressure.
Zone 3: 6384-6416', acidized w/2000 gallons 7 1/2% acid, pulled BPB, zones 1,2,3 are produced together.
Well Potentialed to Pump: 51 Oil, 237 Water, GOR 1737/1

(4) Well: Bill J. Graham Ross Draw #5-Z
(Originally drilled as the Penroc Ross Draw Unit #5, then reentered and sidetracked as the D.B. Baxter Ross Draw Unit #5-Z.
Well Type: Active gas producer
Well Location: 1980' FSL & 1980' FWL, Section 27, T26S, R30E, Eddy County, New Mexico.
Drilling Method: Rotary
Date Spudded: 8-22-76
Drilling Completed: 12-28-76
Total Depth: 16,328'
Casing Run: 13 3/8" 61# J-55 8rd set @ 3300' in 17 1/2" hole; cemented w/2435 sx cement, top of cement @ 228', cement circulated to surface on second stage using 1" pipe down back side.
9 5/8" 40# N-80 8rd set @ 11,330' in 12 1/4" hole; cemented w/975 sx, top of cement @ 8230' (7000') pulled.
7 5/8" set @ 8235' w/400sx 1st stage, DV tool @ 6802', cemented w/700 sx; top of cement @ 5400'. 7 5/8" 39# P-110 CS Hydril liner set @ 16,015', tied back to 9 5/8" w/950 sx; liner squeezed 300 sx to 5000#.
Completion: Set 150 sx plug @ 16,262' above Devonion in and out of end of liner; rigged down drilling rig.
Zone 1: Morrow 14196-14205', 14246,14266', acidized w/6000 gallons MS acid; fraced w/30,000 gallons gelled KCl, 42,500# sand, 140,000# CO2, plugged off zone after flow test.
Zone 2: Morrow 13,994-14012', acidized w/4000 gallons MS acid 110,000# N/2, well was to be plugged back to the Wolfcamp, the tubing parted and fell dow hole tubing was fished to 8158';
9 5/8" casing collapsed around 2 7/8" tubing, set retainer @ 7982', cemented w/250 sx; top of cement @ 7530' outside 9 5/8" casing, cemented through retainer w/165 sx. Well temporarily abandoned pending final USGS plugging recommendation. Tried to cut window in 9 5/8" casing, cemented several times; cut window @ 7800'. Drilled to 8080', tested Bone Springs but could not keep hole clear of debris. Temporarily abandoned 6-20-77 after cementing hole in 9 5/8" through retainer at 7050'. Well plugged to BLM specifications. 9 5/8" cut off @ 7000'+-. Well reentered, drilled out cement plugs to 5600', side tracked into new hole. Drilled to 8235', set 7 5/8" casing. Drilled to 9052', set 175 sx plug @ 9052', out of 7 5/8' casing. Set packer @ 8215', swabbed well, acidized w/5000 gallons, swabbed back load, put well on production. Well is now an active if marginal Bone Springs producer.

VII. PROPOSED OPERATIONS DATA:

(1) Proposed Acreage Daily Injection Rate: 5000 bbls/day
Proposed Maximum Daily Injection Rate: 7500 bbls/day

(2) Type of System: Open

(3) Proposed Average Injection Pressure: 750 psi
Proposed Maximum Injection Pressure: 884 psi*

(4) Sources of Injection Water:
Produced water from the Delaware formation, produced from sands other than the injection intervals. Water analyses are attached.

(5) Receiving Formation:
Delaware formation. Attached water analyses for the present Delaware water stream into the CRW-SWD, Inc.-Stateline System is applicable, since all produced Delaware waters are very similar. (See Exhibit D-1 through D-5)

*Until fracture gradient is determined, maximum injection pressure will be based on a 0.20 psi/ft. gradient.

VIII. INJECTION FORMATION:

(1) The injection formation is the Delaware sand which is a fine grained quartz sand with variable porosity and permeability and occasional thin lime and shale beds. The overall Delaware section is from 3425 to 7300'; for a gross interval of 3875'. The top of the interval into which water is to be injected is 4420-4446', 4480-4510' and 4580-4640'. These are undesignated sands within the Cherry Canyon section of the Delaware formation. From sample analysis and well log analysis in the many wells which have penetrated this section in the Ross Draw Area, (All wells are outside of the area of review and in the Ross Draw #9 well itself) the proposed three injection sands are known to be salt water bearing. Sample analyses from several producing wells in the area including the Ross Draw #9 are enclosed. (Exhibit E-1 through E-5)

(2) There is minimal known underground sources of drinking water in the area. The only water sands are at 225'. There is no developed fresh water wells available and producing within one mile of the proposed disposal well.

IX. PROPOSED STIMULATION PROGRAM:

(1) Acidize sands with 5000 gallons 15% acid.
(2) Fracture treat sands, after running a step rate injection test, with 100,000 gallons treated brine water and 200,000# 20/40 sand, using treated produced water as a carrying fluid.

X. WELL LOG AND TEST DATA:

(1) A copy of a portion of the well log is attached showing the Delaware section penetrated by the proposed injection well when the well was drilled. The presently open perforated interval is shown. (Exhibit "F")

(2) No production tests have been made of the proposed injection sands while the well was on active producing status. Sample and well log analysis show that the proposed injection sands are water bearing.

XI. FRESH WATER WELLS:

There are no fresh water wells available and producing within one mile of the proposed injection well.

XII. AFFIRMATIVE STATEMENT:

CRW-SWD, Inc. has examined all available geologic and engineering data and found no evidence of open faults, or any other hydrological connection between the proposed disposal zone and any underground service of drinking water.

XIII. PROOF OF NOTICE:

Offset Operators are being notified.

XIII. PROOF OF NOTICE:

A copy of this Application for Authorization to Inject is being furnished to the following named owner of the surface and leasehold operators within one-half mile of the well location:

Surface Owner:

Bureau of Land Management
101 East Mermod
Carlsbad, New Mexico 88220

Offset Operators:

J. C. Williamson
One First City Center, Suite 890
Midland, Texas 79701

Bill J. Graham
731 West Wadley
Midland, Texas 79701

Atlantic Richfield Company
P. O. Box 1610
Midland, Texas 79702

H. L. Brown, Jr.
P. O. Box 2237
Midland, Texas 79702

Apache Corporation
P. O. Box 4628
Houston, Texas 77210

III

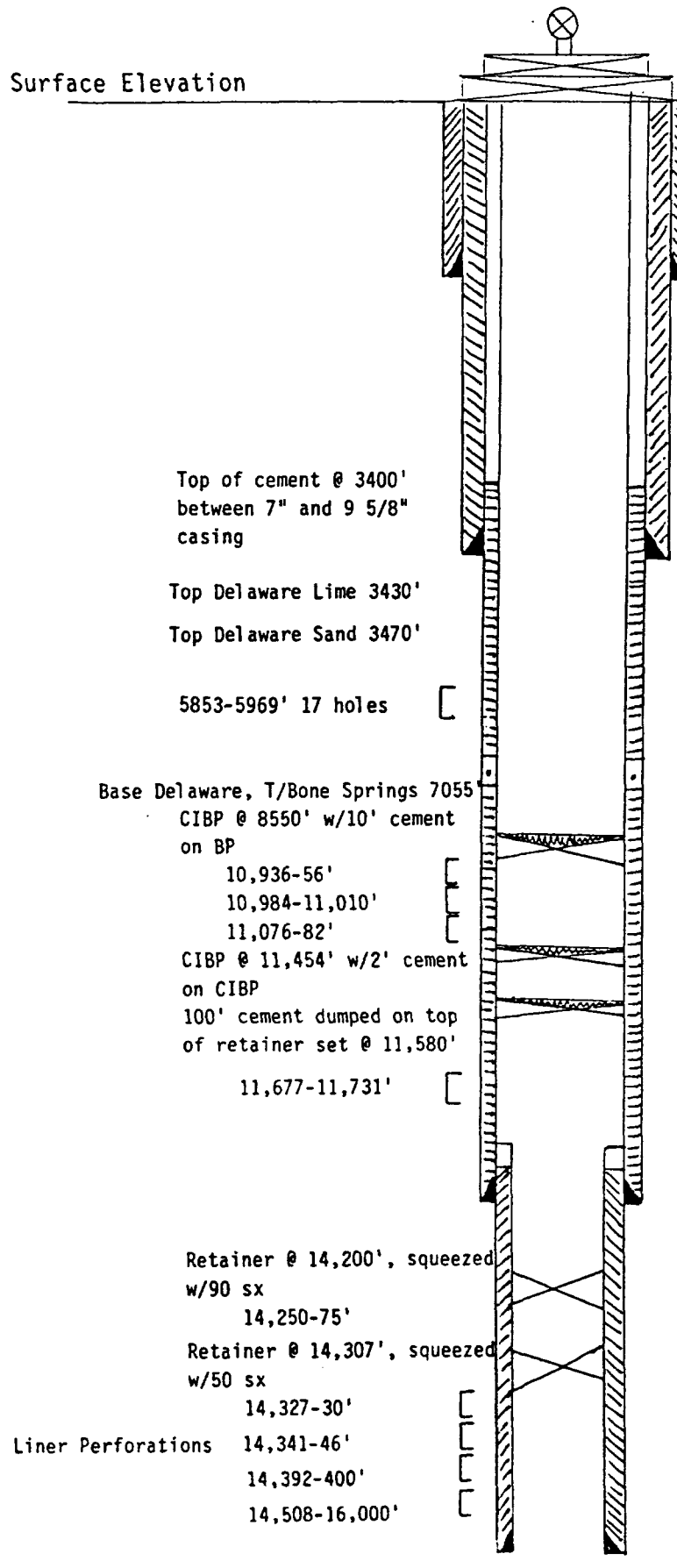
EXHIBIT "A"

CRW-SWD, INC.

ROSS DRAW UNIT #9
Well Data (Current)

(1) Ross Draw Unit #9, located 910' FNL and 1980' FWL, SEction 34, Township 26 South, Range 30 East, Eddy County, New Mexico.

(2) Schematic of well conditions as presently exist.

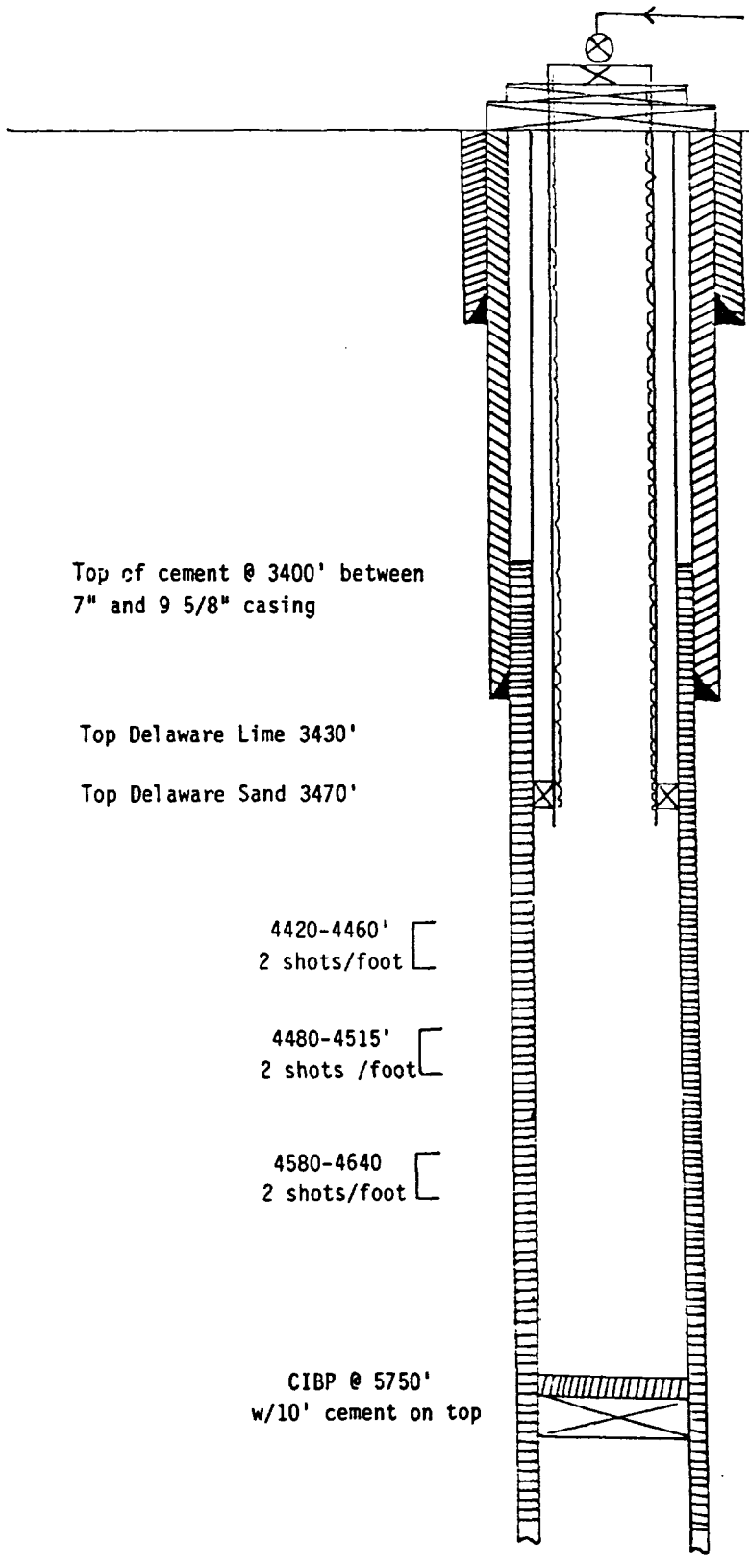


III

EXHIBIT "B"

CRW-SWD, INC.

ROSS DRAW UNIT #9
Well Conditions (Proposed)
(After Conversion to SWD)



Wellhead Manifold (9 5/8" x 7" x 4 1/2")

13 3/8" casing set at 350' in 17 1/2" hole and cemented w/200 sx Class "C" cement w/2% CaCl cement observed to circulate to surface

9 5/8" casing set at 3429' in 12 1/4" hole and cemented w/1635 sx lite wt. cement followed by 200 sx "C" cement Circulated 20 sx to surface

Top of cement @ 3400' between 7" and 9 5/8" casing

Top Delaware Lime 3430'

Top Delaware Sand 3470'

4420-4460'
2 shots/foot

4480-4515'
2 shots /foot

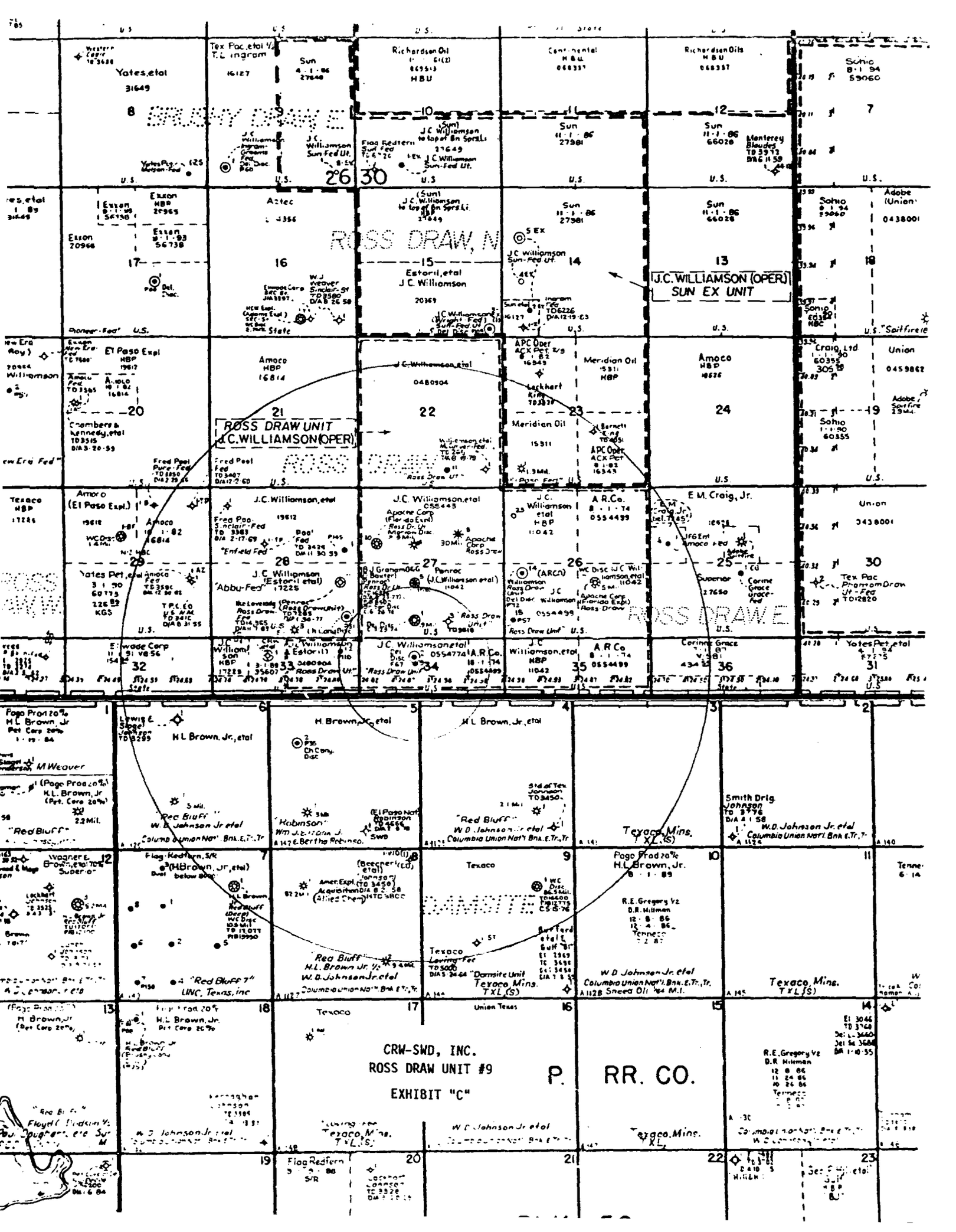
4580-4640
2 shots/foot

CIBP @ 5750'
w/10' cement on top

4 1/2" 10.5# J-55 STC casing set @ 4000'
Internally coated w/Rice Engineering Duo-line Coating
Annulus isolated by use of 2 7/8" x 7" Baker Lockset Packer, coated w/nickel plating, swedged back to 4 1/2" casing

7" casing set @ 11,799' in 8 3/4" hole and cemented 1st stage w/870 sx Trinity Lite wt. cement w/0.75% CFR-2/sx, followed by 300 sx Class "H" w/0.75% CFR-2 and 5# KCl/sx, Circulated off trace of cement through DV tool at 6078'.

DV tool @ 6078', cemented 2nd stage w/700 sx Trinity lite wt. w/0.5% CFR-2 and 1/4# floseal per sx, followed by 100 sx Class "H" w/0.5% CFR-2, had fill returns throughout cement, did not curculate. Top of cement at 3400' by temperature survey.


ROSS DRAW, N
ROSS DRAW UNIT
J.C.WILLIAMSON (OPER)
ROSS DRAW UNIT #9
J.C. WILLIAMSON (OPER)
SUN EX UNIT
CRW-SWD, INC.
ROSS DRAW UNIT #9
EXHIBIT "C"
P. RR. CO.
Yates, etal
Sun
Richardson Oil
Continental
Richardson Oils
Sohio
Exxon
Aztec
Estoril, etal
J.C. Williamson
Amoco
Meridian Oil
Craig, Ltd
Union
El Paso Expl
Chambers & Kennedy, etal
Fred Pool
J.C. Williamson, etal
Yates Pet, etal
Penroc
A.R.Co.
E.M. Craig, Jr.
Tex Pac Pharoom Draw
Elwood Corp
Corinne Grace
Page Prod 20%
H.L. Brown, Jr.
Lewis E. Stage
H. Brown, Jr., etal
Red Bluff
W.D. Johnson Jr. etal
Columbia Union Nat'l. Bnk. E.Tr., Tr.
Texaco Mins.
TXL (S)
Smith Drlg.
Johnson
Flag-Redfern, S/R
Texaco
Union Texas
R.E. Gregory Vz
D.R. Hillmen
Tennco
Flag Redfern

Dresser Titan | DRESSER

DRESSER TITAN DIVISION, DRESSER INDUSTRIES, INC. P.O. BOX 1407, HOUSTON, TEXAS 77001 713/972-6011

LAB REF. NO. _____

API WATER ANALYSIS REPORT FORM

COMPANY		SAMPLE NO.	DATE SAMPLED
CRW-SWD, Inc.		2	7/21/87
FIELD	**LEGAL DESCRIPTION**	**COUNTY OR PARISH**	**STATE**
Brushy Draw Ross Draw'	T25S, R30E. T26S, R30E	EDDY	N.M.
LEASE OR UNIT	**WELL**	**DEPTH**	**FORMATION**	**WATER, B/D**
State Line System			DELAWARE	
TYPE OF WATER (PRODUCED, SUPPLY, ETC.)	**SAMPLING POINT**	**SAMPLED BY**
Produced	At Discharge Tap	CB.

DISSOLVED SOLIDS

CATIONS	mg/l	me/l	ppm
Sodium, Na (calc.)	48,577	2112.045	40,650.2
Calcium, Ca	44,400	2220.	37,154.8
Magnesium, Mg	3840	320	3213.39
Barium, Ba	-0-	-0-	-0-
Fe+2	18	.645	15.06

ANIONS			
Chloride, Cl	165,000	4647.88	138,075
Sulfate, SO_4	200	4.17	167.36
Carbonate, CO_3	-0-	-0-	-0-
Bicarbonate, HCO_3	39.04	.64	32.67
Total Hardness	127,000		

Total Dissolved Solids (calc.) 262,056

Iron, Fe (total) _____

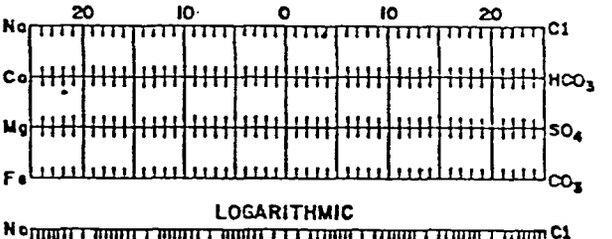
Sulfide, as H_2S nil

OTHER PROPERTIES

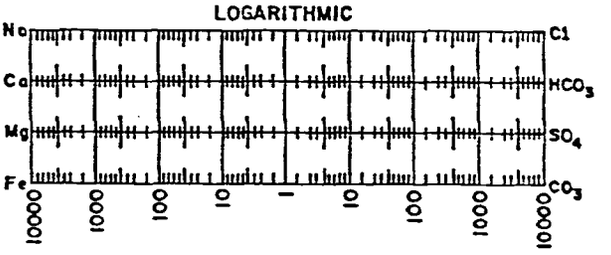
pH	5.6
Specific Gravity, 60/60 F.	1.195
Resistivity (ohm-meters) 60° F.	.10

WATER PATTERNS – me/l

STANDARD



LOGARITHMIC



REMARKS & RECOMMENDATIONS:

CRW-SWD, INC.
ROSS DRAW UNIT #9

EXHIBIT D-1

SAMPLE

PM-1250-B

THE WESTERN COMPANY OF NORTH AMERICA
WATER ANALYSIS

ANALYSIS NO: 1

GENERAL INFORMATION

OPERATOR:	J.C. WILLIAMSON		
WELL:	CRW SWD #1	DEPTH:	FT
FIELD:		DATE SAMPLED:	
FORMATION:		DATE RECEIVED:	2-6-87
COUNTY:		SUBMITTED BY:	
STATE:	NM	WORKED BY:	RAY ELLIS

SAMPLE DESCR: SLIGHTLY AMBER COLORED WATER

PHYSICAL AND CHEMICAL DETERMINATIONS

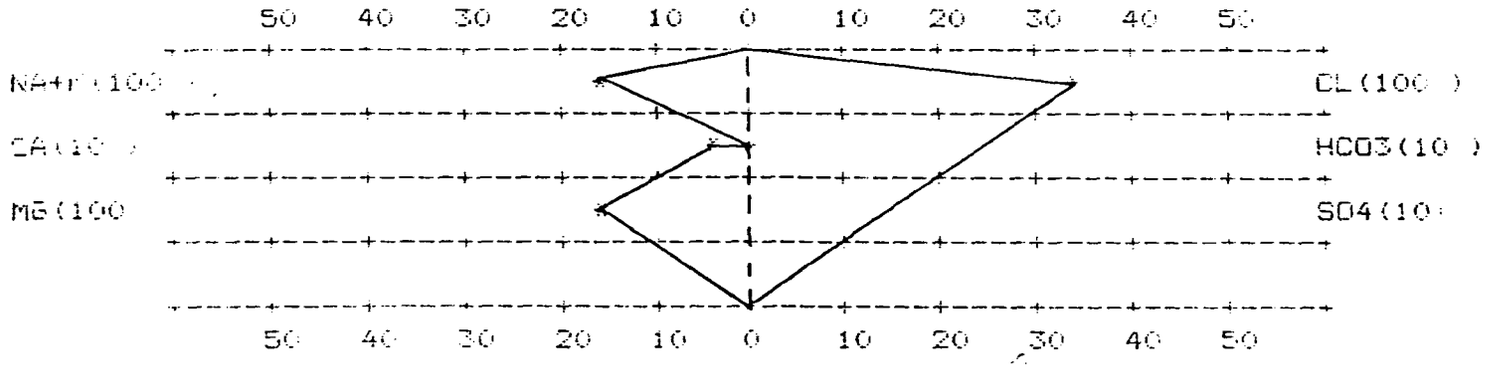
SPECIFIC GRAVITY: 1.185 AT 76 DEG. F PH = 6.00

IRON:	8	PPM	SULFATE:	0	PPM
SODIUM+POTASS:	44946	PPM	CHLORIDE:	124866	PPM
			SODIUM CHLORIDE (CALC):	205842	PPM
CALCIUM:	676	PPM	BICARBONATE:	10	PPM
MAGNESIUM:	18661	PPM	TOT. HARDNESS AS CACO3:	78552	PPM
PHOSPHATE:	NOT DETERMINED		TOT. DISSOLVED SOLIDS:	248374	PPM

RESISTIVITY (MEASURED): .05 OHM/METER @ 76 DEGREES F.

REMARKS:

STIFF TYPE PLOT (IN MEQ/L)



CRW-SWD, INC.
ROSS DRAW UNIT #9
EXHIBIT D-2

ANALYST _____
RAY ELLIS

Dresser Titan | DRESSER

DRESSER TITAN DIVISION, DRESSER INDUSTRIES, INC. P.O. BOX 1407, HOUSTON, TEXAS 77001 713/972-6011

LAB REF. NO. _____

API WATER ANALYSIS REPORT FORM

COMPANY		SAMPLE NO.	DATE SAMPLED
J.C. Williamson			4/23/87
FIELD	**LEGAL DESCRIPTION**	**COUNTY OR PARISH**	**STATE**
		Eddy	N.M.
LEASE OR UNIT	**WELL**	**DEPTH**	**FORMATION**	**WATER, B/D**
Disposal Gathering System				
TYPE OF WATER (PRODUCED, SUPPLY, ETC.)	**SAMPLING POINT**	**SAMPLED BY**
		CB

DISSOLVED SOLIDS

CATIONS	mg/l	me/l	ppm
Sodium, Na (calc.)	24,608.62	1069.94	
Calcium, Ca	42000	2100	
Magnesium, Mg	4560	380	
Barium, Ba	-0-	-0-	
Fe	14	.50	

ANIONS			
Chloride, Cl	126,000	3549	
Sulfate, SO_4	50	1.04	
Carbonate, CO_3	-0-	-0-	
Bicarbonate, HCO_3	24.4	.40	
Total Hardness	124,000		

Total Dissolved Solids (calc.) 197,243

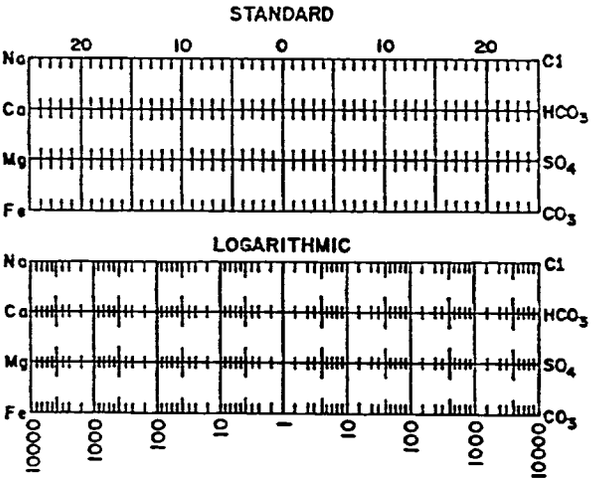
Iron, Fe (total) _____

Sulfide, as H_2S nil

OTHER PROPERTIES

pH	4.2
Specific Gravity, 60/60 F.	1.187
Resistivity (ohm-meters) 70° F.	.11

WATER PATTERNS – me/l



REMARKS & RECOMMENDATIONS:

CRW-SWD, INC.
ROSS DRAW UNIT #9

EXHIBIT D-3

SAMPLE

PM—1250-B

Dresser Titan | DRESSER

DRESSER TITAN DIVISION, DRESSER INDUSTRIES, INC. P.O. BOX 1407, HOUSTON, TEXAS 77001 713/972-6011

LAB REF. NO. _____

API WATER ANALYSIS REPORT FORM

COMPANY	SAMPLE NO.	DATE SAMPLED
J.C. Williamson		4/23/87

FIELD	LEGAL DESCRIPTION	COUNTY OR PARISH	STATE
		Eddy	N.M.

LEASE OR UNIT	WELL	DEPTH	FORMATION	WATER, B/D
Ross Draw	#1			

TYPE OF WATER (PRODUCED, SUPPLY, ETC.)	SAMPLING POINT	SAMPLED BY

DISSOLVED SOLIDS

CATIONS	mg/l	me/l	ppm
Sodium, Na (calc.)	11,463.89	498.43	
Calcium, Ca	66,000	3300	
Magnesium, Mg	4800	400	
Barium, Ba	-0-	-0-	
Fe	18	.65	

ANIONS			
Chloride, Cl	149,000	4197	
Sulfate, SO_4	50	1.04	
Carbonate, CO_3	-0-	-0-	
Bicarbonate, HCO_3	63.44	1.04	
Total Hardness	185,000		

Total Dissolved Solids (calc.) 231,377

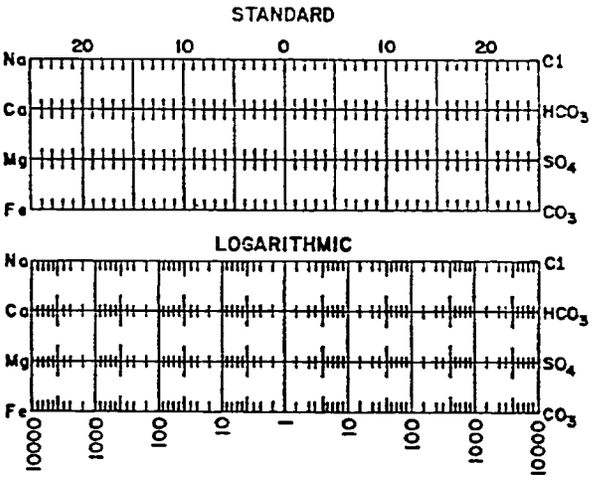
Iron, Fe (total) _____

Sulfide, as H_2S nil

OTHER PROPERTIES

pH	4.8
Specific Gravity, 60/60 F.	1.197
Resistivity (ohm-meters) 70° F.	.14

WATER PATTERNS – me/l



REMARKS & RECOMMENDATIONS:

CRW-SWD, INC.
ROSS DRAW UNIT #9

EXHIBIT D-4

SAMPLE

PM-1250-B

Dresser Titan | DRESSER

DRESSER TITAN DIVISION, DRESSER INDUSTRIES, INC. P.O. BOX 1407, HOUSTON, TEXAS 77001 713/972-6011

LAB REF. NO. _____

API WATER ANALYSIS REPORT FORM

COMPANY		SAMPLE NO.	DATE SAMPLED
J.C. Williamson			4/23/87
FIELD	**LEGAL DESCRIPTION**	**COUNTY OR PARISH**	**STATE**
		Eddy	N.M.
LEASE OR UNIT	**WELL**	**DEPTH**	**FORMATION**
Alsby	#1		
WATER, B/D			
TYPE OF WATER (PRODUCED, SUPPLY, ETC.)	**SAMPLING POINT**	**SAMPLED BY**	

DISSOLVED SOLIDS

CATIONS	mg/l	me/l	ppm
Sodium, Na (calc.)			
Calcium, Ca	54,200	2960	
Magnesium, Mg	4360	780	
Barium, Ba	-0-	-0-	
Fe	18	.65	

ANIONS			
Chloride, Cl	119,000	3352	
Sulfate, SO_4	50	1.04	
Carbonate, CO_3	-0-	-0-	
Bicarbonate, HCO_3	24.4	.40	
Total Hardness	187,000		

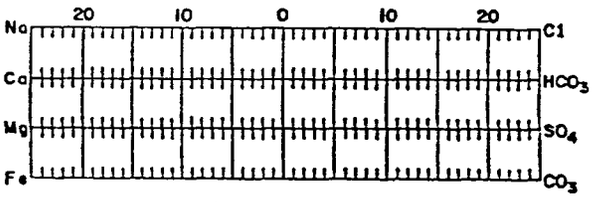
Total Dissolved Solids (calc.)		
Iron, Fe (total)		
Sulfide, as H_2S	nil	

OTHER PROPERTIES

pH	4.9
Specific Gravity, 60/60 F.	1.172
Resistivity (ohm-meters) 70° F.	.09

WATER PATTERNS – me/l

STANDARD



LOGARITHMIC

REMARKS & RECOMMENDATIONS:

CRW-SWD, INC.
ROSS DRAW UNIT #9

EXHIBIT D-5

SAMPLE

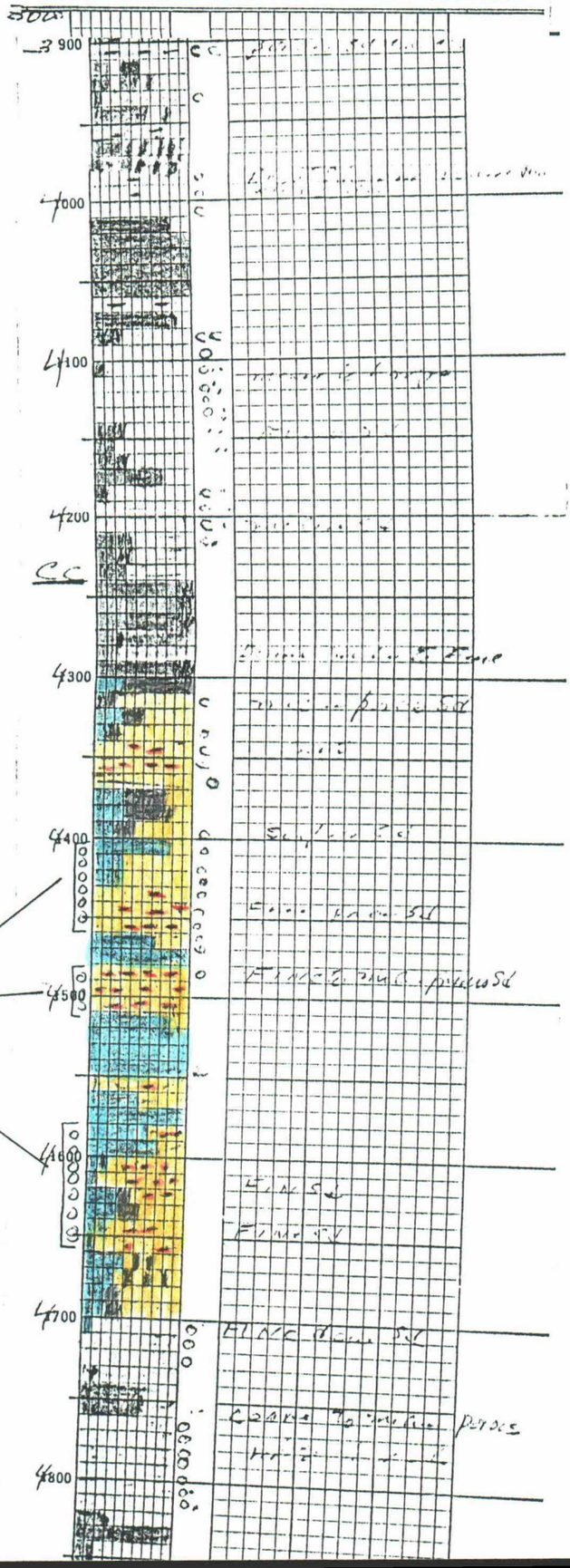
PM—1250-B

CRW-SWD, INC.
ROSS DRAW UNIT #9

EXHIBIT E-1

STATE NEW MEXICO ELEV.
COUNTY Eddy
COMPANY [illegible]
FARM # 9 Ross Draw WELL NO. 9
LOCATION 1980 FNL & 990 FWL
Sec 34 T26S R30E
TD. TOOLS Rotary

FORM 785—IN STOCK AND FOR SALE BY KRAFTBILT—TULSA 74101



PROPOSED INJECTION SANDS

STATE New Mexico ELEV. KB 4208.1

COUNTY Eddy

COMPANY J. C. Williamson

FARM Abby Federal WELL NO. 1

LOCATION 767' FSL & 467' FEL

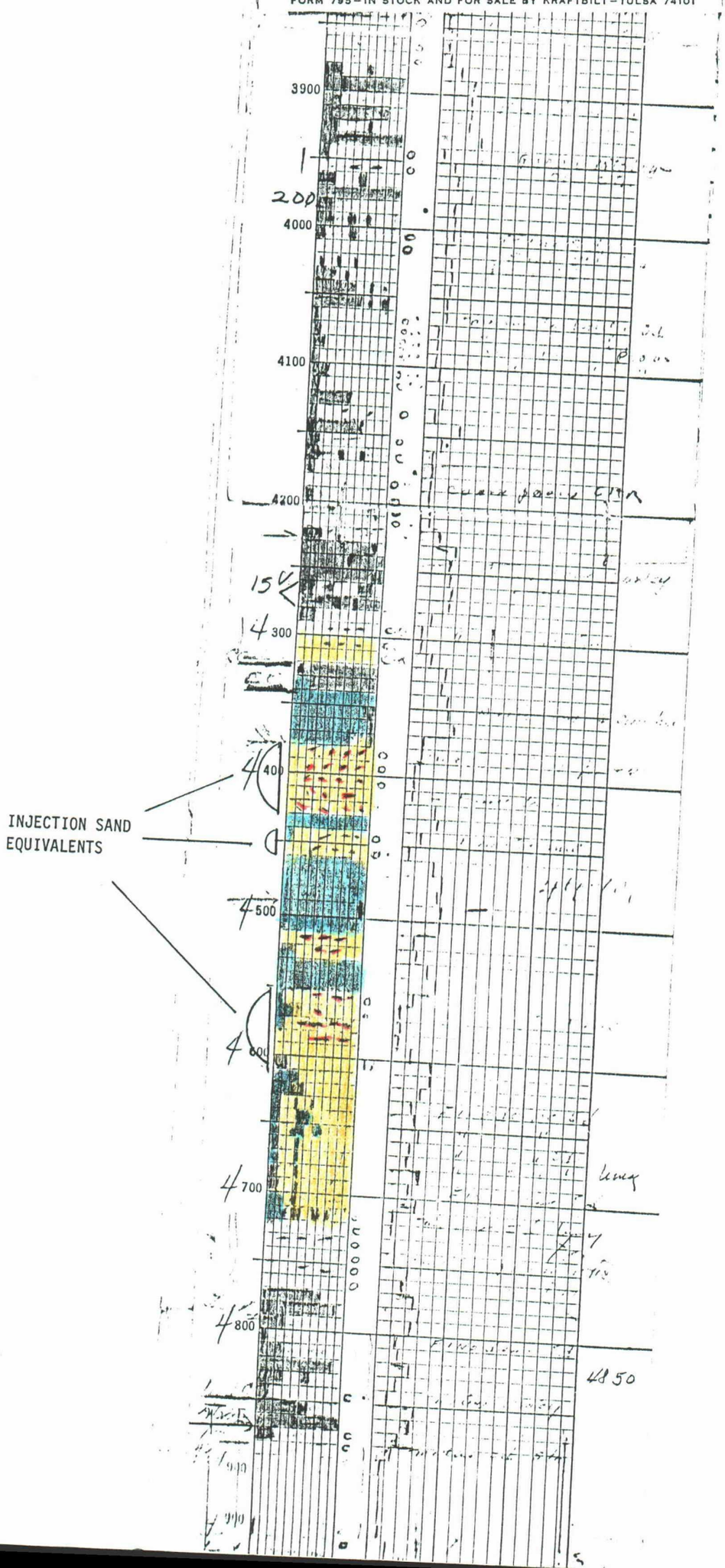
Section 28, T-26-S, R-30-E

TD. TOOLS

FORM 795—IN STOCK AND FOR SALE BY KRAFTBILT—TULSA 74101

CRW-SWD, INC.
ROSS DRAW UNIT #9

EXHIBIT E-2



CRW-SWD, INC.
ROSS DRAW UNIT #9

EXHIBIT E-3

STATE N.M. ELEV. 2955.6

COUNTY EDDY K.B. 2998.6

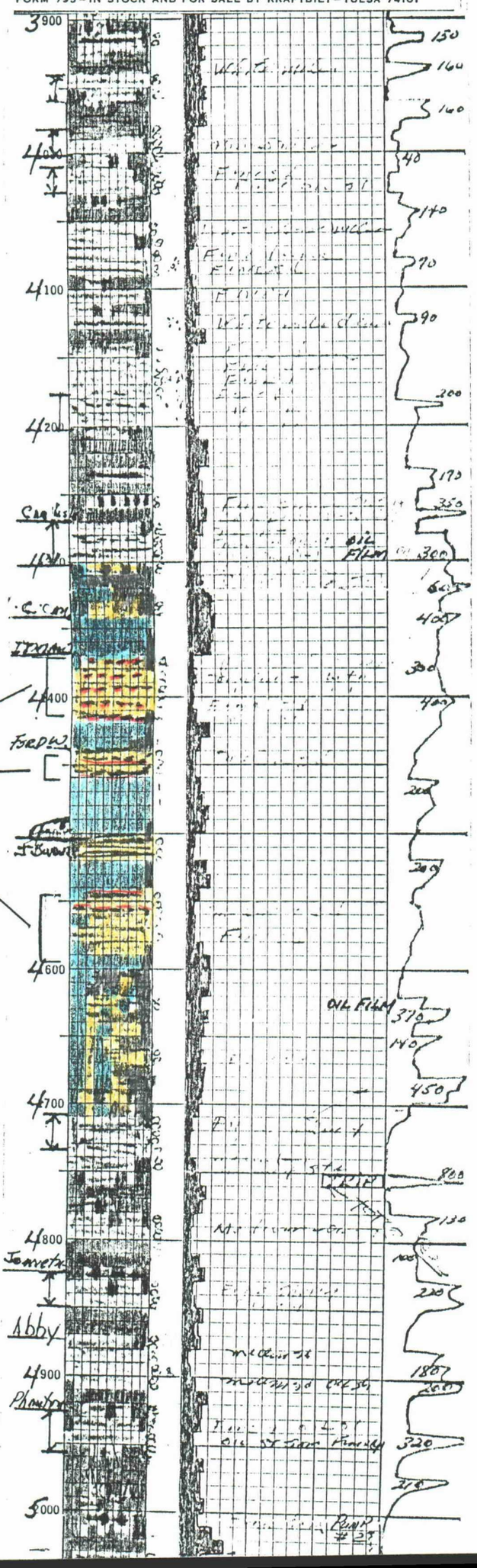
COMPANY J.C. WILLIAMSON

FARM ROSS DRAW WELL NO. 12

LOCATION 467'FNL & 660'FEL
SEC. 33, T-26-S, R-30-E

TD. TOOLS

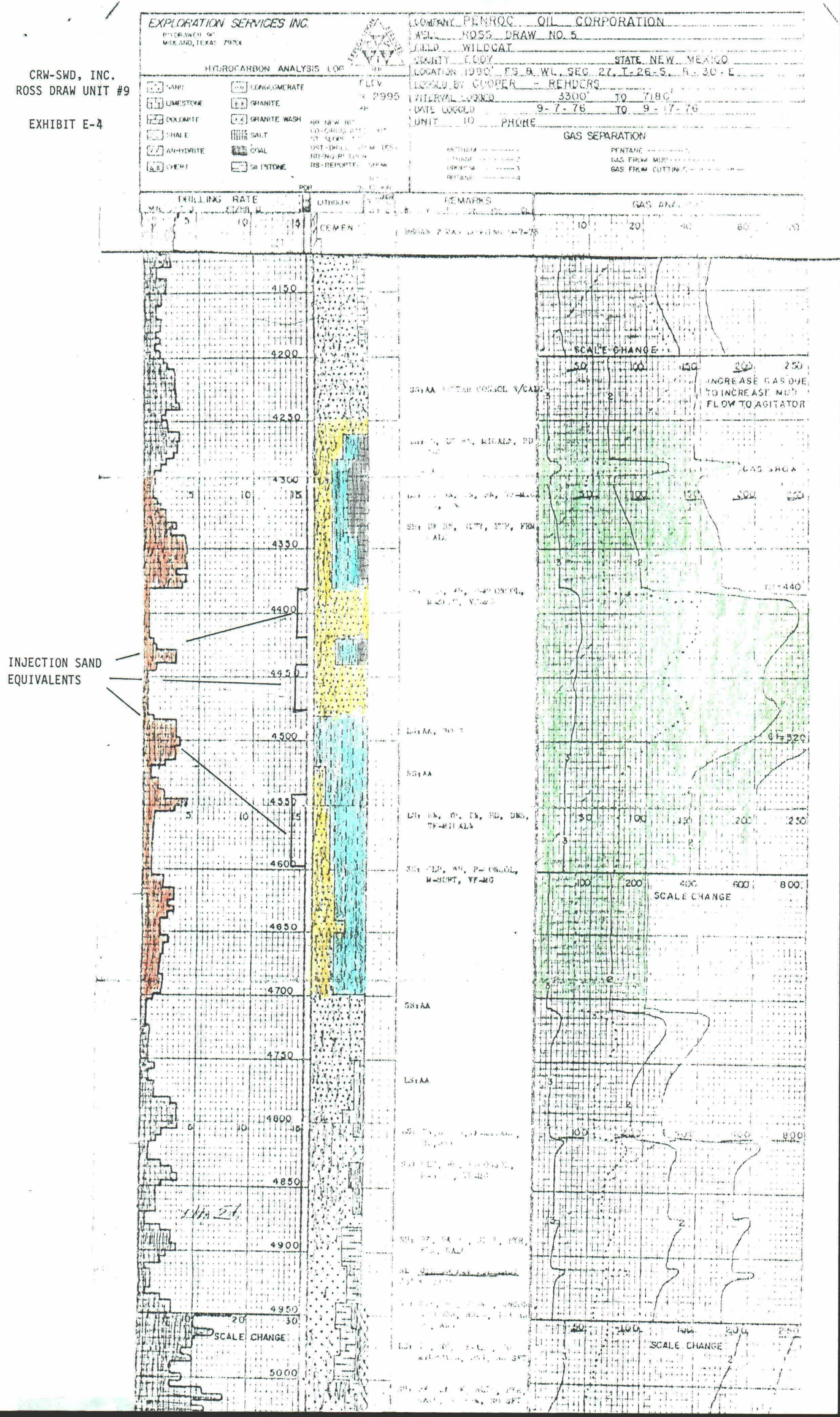
FORM 795—IN STOCK AND FOR SALE BY KRAFTBILT—TULSA 74101



INJECTION SAND EQUIVALENTS

CRW-SWD, INC.
ROSS DRAW UNIT #9

EXHIBIT E-4



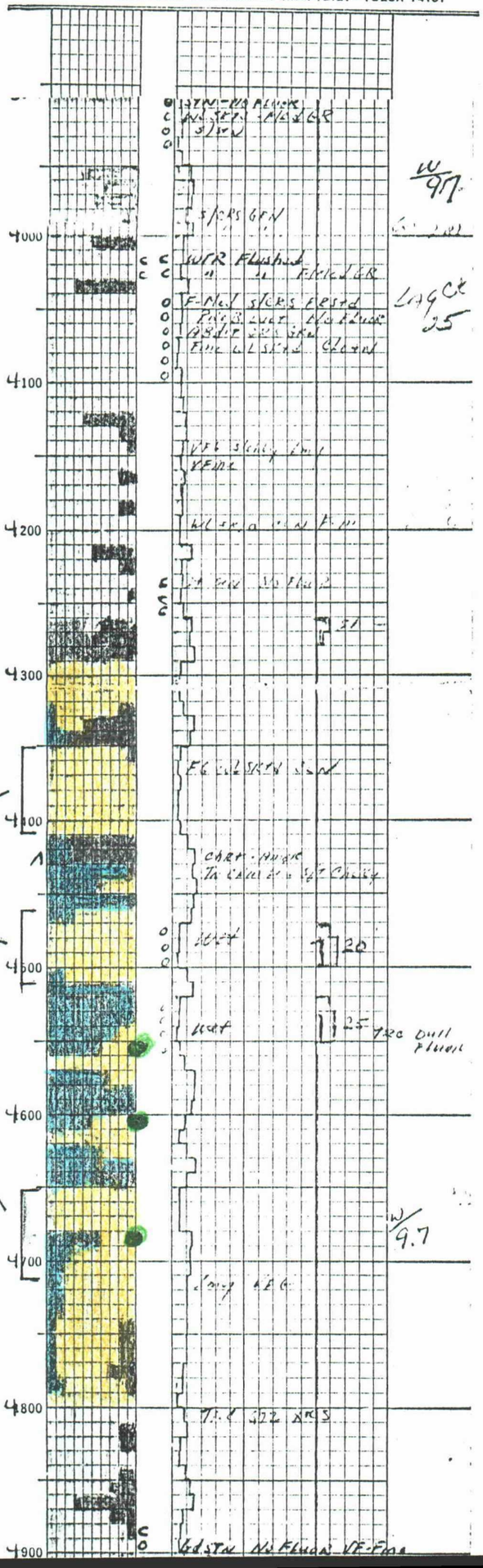
CRW-SWD, INC.
ROSS DRAW UNIT #9

EXHIBIT E-5

STATE N.M. ELEV. 2993.5
COUNTY EDDY KB- 3006.5
COMPANY J.C. WILLIAMSON
FARM ROSS DRAW WELL NO. 15
LOCATION 660' FSL & 330' FWL
SEC. 26, T-26-S, R-30-E
TD. TOOLS

LANDIS 4

FORM 795—IN STOCK AND FOR SALE BY KRAFTBILT—TULSA 74101



INJECTION SAND EQUIVALENTS

BEFORE THE OIL CONSERVATION DIVISION

OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF CRW-SWD, INC. FOR A SALT WATER DISPOSAL WELL, EDDY COUNTY, NEW MEXICO	:	CASE NO.

AFFIDAVIT

STATE OF NEW MEXICO)
: ss.
COUNTY OF EDDY)

PATTI VERMILLION, being first duly sworn, upon oath, states that the notice provisions of Rule 1207 of the New Mexico Oil Conservation Division have been complied with, that Applicant has caused to be conducted a good-faith diligent effort to find the correct addresses of all interested persons entitled to receive notice, and that pursuant to Rule 1207, notice has been given at the correct addresses as provided by such rule.

In support hereof, affiant states that true copies of the Application of CRW-SWD, Inc. for a Salt Water Disposal Well, Eddy County, New Mexico, together with true copies of the Form C-108, Application for Authorization to Inject, for the purpose of salt water disposal at a location 910 feet from the north line and 1,980 feet from the west line of Section 34, Township 26 South, Range 30 East, N.M.P.M., have been mailed to the following named owner of the surface on which the well is to be located and

CRW-SWD, INC.
Case No. 9170
7/15/87 Examiner Hearing
Exhibit No. 2

leasehold operators within one-half mile of the well location, in accordance with Rule 1207, in securely sealed, certified mail, return receipt requested, postage prepaid envelopes, addressed to the following named parties:

Surface Owner: Bureau of Land Management
101 East Mermod
Carlsbad, New Mexico 88220

Offset Operators: J. C. Williamson
One First City Center, Suite 890
Midland, Texas 79701

Bill J. Graham
731 West Wadley
Midland, Texas 79701

Atlantic Richfield Company
P. O. Box 1610
Midland, Texas 79702

H. L. Brown, Jr.
P. O. Box 2237
Midland, Texas 79702

Apache Corporation
P. O. Box 4628
Houston, Texas 77210

as reflected by the copies of the letters transmitting such copies attached hereto.

Patti Vermillion

Patti Vermillion

SUBSCRIBED AND SWORN TO before me this 4th day of June, 1987, by PATTI VERMILLION.

My commission expires:
1-2-90

Karen Polson
Notary Public

June 4, 1987

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Bureau of Land Management
101 East Mermod
Carlsbad, New Mexico 88220

Re: Ross Draw Unit No. 9 Well
Township 26 South, Range 30 East, NMPM
Section 34: NE/4 NW/4
Eddy County, New Mexico

Gentlemen:

Enclosed, please find a copy of the Application of CRW-SWD, Inc. for a Salt Water Disposal Well, Eddy County, New Mexico, together with a copy of the Form C-108 filed therewith.

The name, address, phone number and contact party for the applicant is:

Ralph E. Williamson
CRW-SWD, Inc.
One First City Center, Suite 805
Midland, Texas 79701
(915) 683-2200

The intended purpose of the injection well, located 910 feet from the north line and 1,980 feet from the west line of Section 34, Township 26 South, Range 30 East, N.M.P.M., is for the disposal of salt water in the Delaware formation, with planned injection intervals of 4,420 to 4,460 feet, 4,480 to 4,510 feet, and 4,580 to 4,640 feet. The expected maximum injection rate is 7,500 barrels per day, with the average injection pressure to be 750 PSI and the maximum injection pressure to be 884 PSI.

Chad Dickerson John Fisk David R. Vandiver Rebecca Reese Dickerson
Seventh & Mahone / Suite E / Artesia, New Mexico 88210 / (505) 746-9841
DICKERSON, FISK & VANDIVER
ATTORNEYS AT LAW

Surface owners or offset operators must file any objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico, 87501, within 15 days from the date hereof. We believe this matter will be set for hearing on July 15, 1987.

Please contact the undersigned or Mr. Williamson at the above address if you have any questions regarding this application.

Sincerely yours,

DICKERSON, FISK & VANDIVER

Chad Dickerson

CD:pv
Enclosures

cc: CRW-SWD, Inc.

PS Form 3811

SENDER: Complete items 1, 2, 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you.

1. ☐ Show to whom, date and address of delivery.
2. ☐ Restricted Delivery.

3. Article Addressed to:
Bureau of Land Management
10 East Mermod
Carlsbad, New Mexico 88220

4. Type of Service:
☐ Registered ☐ Insured
☐ Certified ☐ COD
☐ Express Mail

Article Number
P-580 490 472

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature – Addressee
X

6. Signature – Agent
X

7. Date of Delivery
6/15/87

8. Addressee's Address (ONLY if requested and fee paid)

June 4, 1987

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. J. C. Williamson
One First City Center, Suite 890
Midland, Texas 79701

Re: Ross Draw Unit No. 9 Well
Township 26 South, Range 30 East, NMPM
Section 34: NE/4 NW/4
Eddy County, New Mexico

Dear Mr. Williamson:

Enclosed, please find a copy of the Application of CRW-SWD, Inc. for a Salt Water Disposal Well, Eddy County, New Mexico, together with a copy of the Form C-108 filed therewith.

The name, address, phone number and contact party for the applicant is:

Ralph E. Williamson
CRW-SWD, Inc.
One First City Center, Suite 805
Midland, Texas 79701
(915) 683-2200

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Chas. Dickerson John Fisk David R. Vandiver Rebecca Reese Dickerson
Seventh & Mahone Suite E Artesia, New Mexico 88210 (505) 746-9841

DICKERSON, FISK & VANDIVER
ATTORNEYS AT LAW

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Sincerely yours,

DICKERSON, FISK & VANDIVER

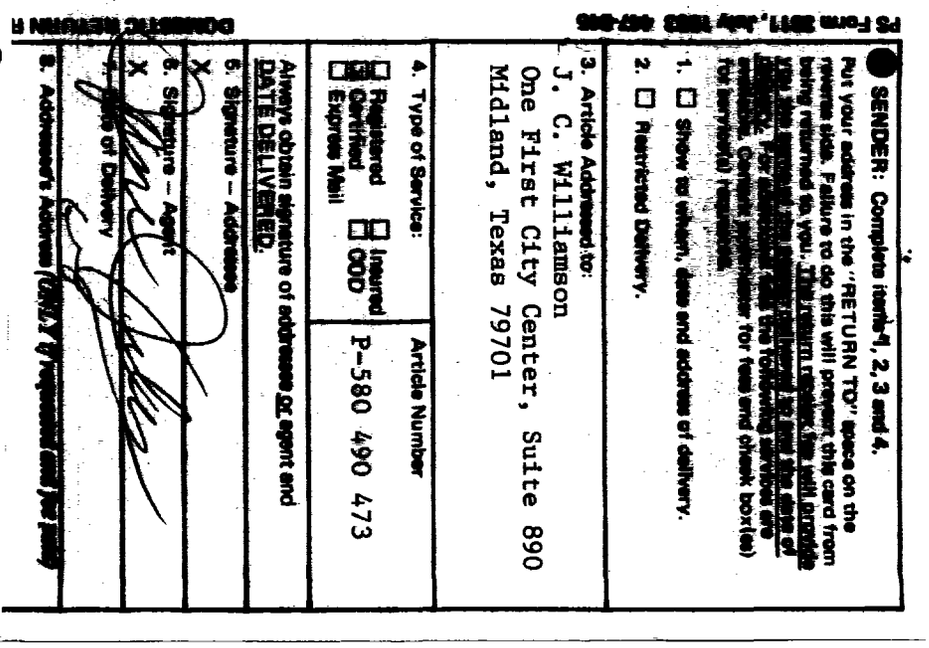
Chad Dickerson

CD:pv
Enclosures

cc: CRW-SWD, Inc.

P-580 490 473

J. C. Williamson
One First City Center, S 890
Midland, Texas 79701



June 4, 1987

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Bill J. Graham
731 West Wadley
Midland, Texas 79701

Re: Ross Draw Unit No. 9 Well
Township 26 South, Range 30 East, NMPM
Section 34: NE/4 NW/4
Eddy County, New Mexico

Dear Mr. Graham:

Enclosed, please find a copy of the Application of CRW-SWD, Inc. for a Salt Water Disposal Well, Eddy County, New Mexico, together with a copy of the Form C-108 filed therewith.

The name, address, phone number and contact party for the applicant is:

Ralph E. Williamson
CRW-SWD, Inc.
One First City Center, Suite 805
Midland, Texas 79701
(915) 683-2200

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Chant Dickerson John Fisk David R. Vandiver Rebecca Reese Dickerson
Seventh & Main Suite E / Artesia, New Mexico 88210 / (505) 746-9841
DICKERSON, FISK & VANDIVER
ATTORNEYS AT LAW

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Sincerely yours,

DICKERSON, FISK & VANDIVER

Chad Dickerson

CD:pv
Enclosures

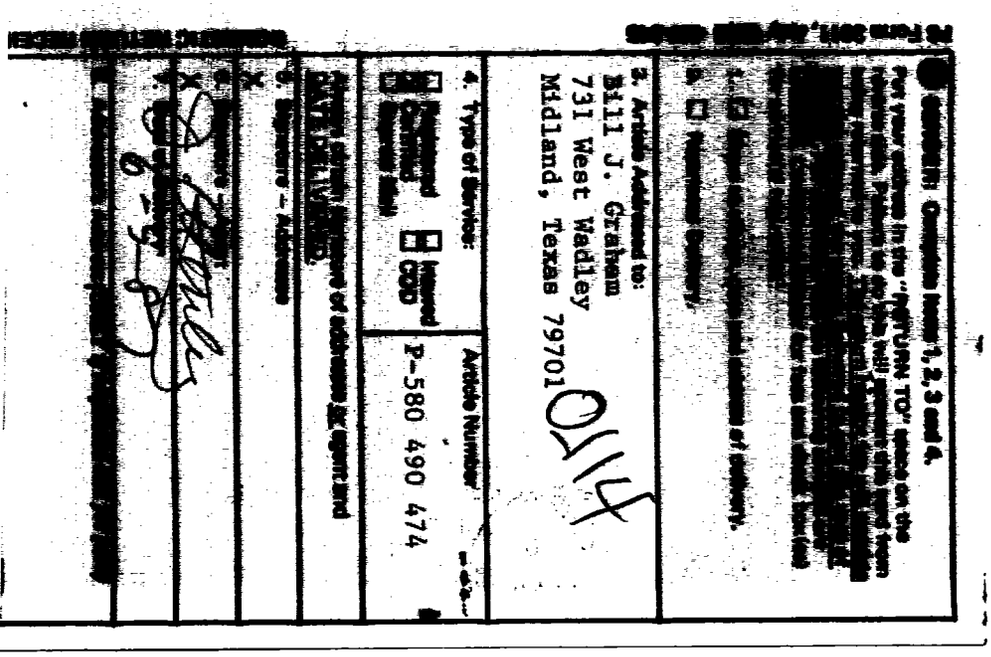
cc: CRW-SWD, Inc.

P-580 490 474

Bill J. Graham

731 West Wadley

Midland, Texas 79701



June 4, 1987

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Atlantic Richfield Company
P. O. Box 1610
Midland, Texas 79702

Re: Ross Draw Unit No. 9 Well
Township 26 South, Range 30 East, NMPM
Section 34: NE/4 NW/4
Eddy County, New Mexico

Gentlemen:

Enclosed, please find a copy of the Application of CRW-SWD, Inc. for a Salt Water Disposal Well, Eddy County, New Mexico, together with a copy of the Form C-108 filed therewith.

The name, address, phone number and contact party for the applicant is:

Ralph E. Williamson
CRW-SWD, Inc.
One First City Center, Suite 805
Midland, Texas 79701
(915) 683-2200

The intended purpose of the injection well, located 910 feet from the north line and 1,980 feet from the west line of Section 34, Township 26 South, Range 30 East, N.M.P.M., is for the disposal of salt water in the Delaware formation, with planned injection intervals of 4,420 to 4,460 feet, 4,480 to 4,510 feet, and 4,580 to 4,640 feet. The expected maximum injection rate is 7,500 barrels per day, with the average injection pressure to be 750 PSI and the maximum injection pressure to be 884 PSI.

Chad Dickerson John Fisk David R. Vandiver Rebecca Reese Dickerson
Seventh & Mahone Suite E / Artesia, New Mexico 88210 / (505) 746-9841

DICKERSON, FISK & VANDIVER
ATTORNEYS AT LAW

Surface owners or offset operators must file any objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico, 87501, within 15 days from the date hereof. We believe this matter will be set for hearing on July 15, 1987.

Please contact the undersigned or Mr. Williamson at the above address if you have any questions regarding this application.

Sincerely yours,

DICKERSON, FISK & VANDIVER

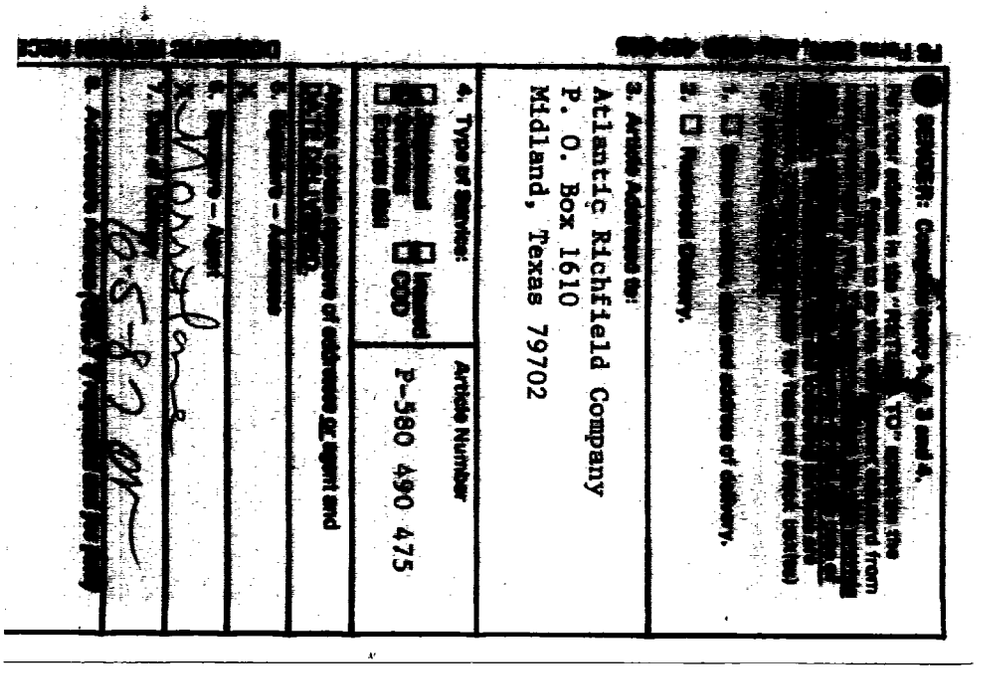
Chad Dickerson

CD:pv
Enclosures

cc: CRW-SWD, Inc.

P-580 490 475

Atlantic Richfield Company
P. O. Box 1610
Midland, Texas 79702



June 4, 1987

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. H. L. Brown, Jr.
P. O. Box 2237
Midland, Texas 79702

Re: Ross Draw Unit No. 9 Well
Township 26 South, Range 30 East, NMPM
Section 34: NE/4 NW/4
Eddy County, New Mexico

Dear Mr. Brown:

Enclosed, please find a copy of the Application of CRW-SWD, Inc. for a Salt Water Disposal Well, Eddy County, New Mexico, together with a copy of the Form C-108 filed therewith.

The name, address, phone number and contact party for the applicant is:

Ralph E. Williamson
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Midland, Texas 79701
(915) 683-2200

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Chas. Dickerson John Fisk David R. Vandiver Rebecca Reese Dickerson
Seventh & Main Inc. Suite E Artesia, New Mexico 88210 / (505) 746-9841
DICKERSON, FISK & VANDIVER
ATTORNEYS AT LAW

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Sincerely yours,

DICKERSON, FISK & VANDIVER

Chad Dickerson

CD:pv
Enclosures

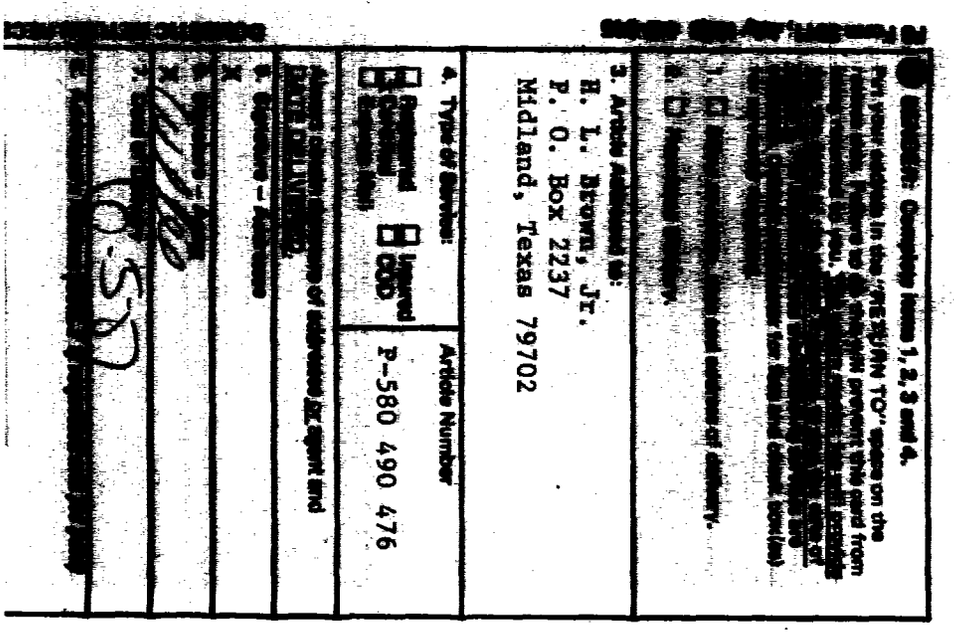
cc: CRW-SWD, Inc.

P-580 490 476

H. L. Brown, Jr.

P. O. Box 2237

Midland, Texas 79702



June 4, 1987

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Apache Corporation
P. O. Box 4628
Houston, Texas 77210

Re: Ross Draw Unit No. 9 Well
Township 26 South, Range 30 East, NMPM
Section 34: NE/4 NW/4
Eddy County, New Mexico

Gentlemen:

Enclosed, please find a copy of the Application of CRW-SWD, Inc. for a Salt Water Disposal Well, Eddy County, New Mexico, together with a copy of the Form C-108 filed therewith.

The name, address, phone number and contact party for the applicant is:

Ralph E. Williamson
CRW-SWD, Inc.
One First City Center, Suite 805
Midland, Texas 79701
(915) 683-2200

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Chad Dickerson John Fisk David R. Vandiver Rebecca Reese Dickerson
Seventh & Malbone / Suite E / Artesia, New Mexico 88210 / (505) 746-9841
DICKERSON, FISK & VANDIVER
ATTORNEYS AT LAW

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Please contact the undersigned or Mr. Williamson at the above address if you have any questions regarding this application.

Sincerely yours,

DICKERSON, FISK & VANDIVER

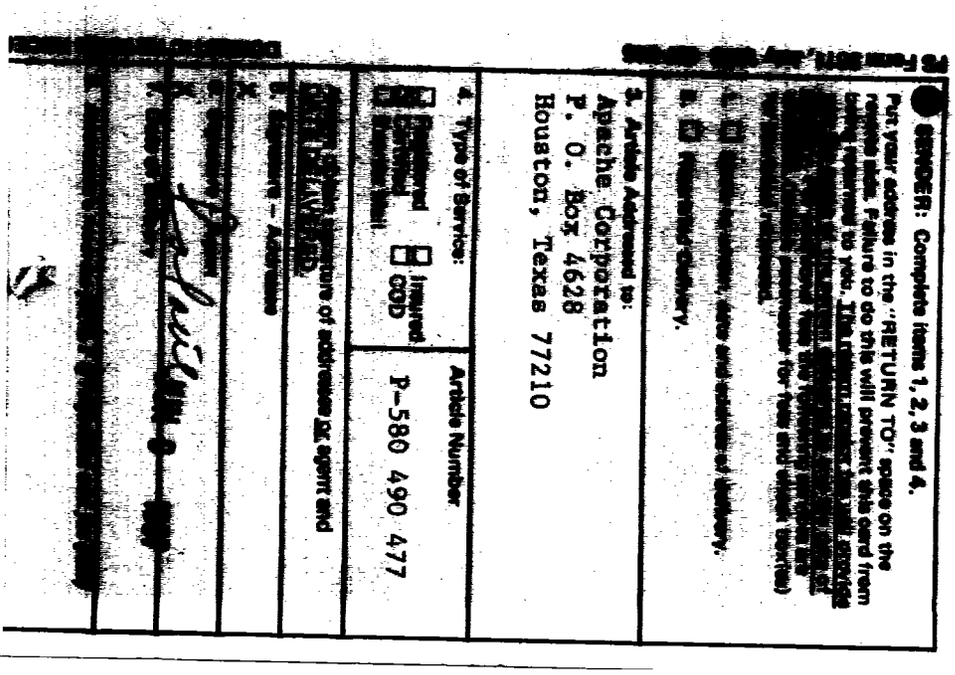
Chad Dickerson

CD:pv
Enclosures

cc: CRW-SWD, Inc.

P-580 490 477

Apache Corporation
P. O. Box 2628
Houston, Texas 77210



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TD 3490
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DAMSITE
9
-1475
T. & P. RR. CO.
TD 3490
18
17
16
DATUM T/Disposal SAND
CI = 25'
Scale 1" = 2000'
CRW-SWD, INC.
Case No. 9170
7/15/87 Examiner Hearing
Exhibit No. 3