DATE IN 4/29/11	SUSPENSE	ENGINEER WJ	LOGGED IN 4/29/11	TYPE SWD	APP NO 1111957503

PTGW

ABOVE THIS LINE FOR DIVISION USE ONLY

8/25/11 Last Requested Information

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

Robert Bayless 150182

Stribling #7

ADMINISTRATIVE APPLICATION CHECKLIST 30-045-10108

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 _____

4005'-3356 Fed Sandstone

[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

SWD STribling #1 SWD

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: _____ Secondary Recovery _____ Pressure Maintenance __X__ Disposal _____ Storage
Application qualifies for administrative approval? _____ Yes _____ No

II. OPERATOR: ROBERT L BAYLESS, PRODUCER LLC (150182)

ADDRESS: 368 NM HWY 170 FARMINGTON, NM 87499

CONTACT PARTY: JOHN D THOMAS PHONE: 505-326-2659

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 __X__ 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:

4005'-4085'
1000 PSI

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 geologic data on the injection zone including appropriate lithologic detail, geologic 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 sources 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 sources 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: JOHN D THOMAS TITLE: OPERATIONS ENGINEER

SIGNATURE: John D Thomas DATE: 01/25/2011

E-MAIL ADDRESS: jthomas@rlbayless.com

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

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate 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 the 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, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, 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.

Side 1

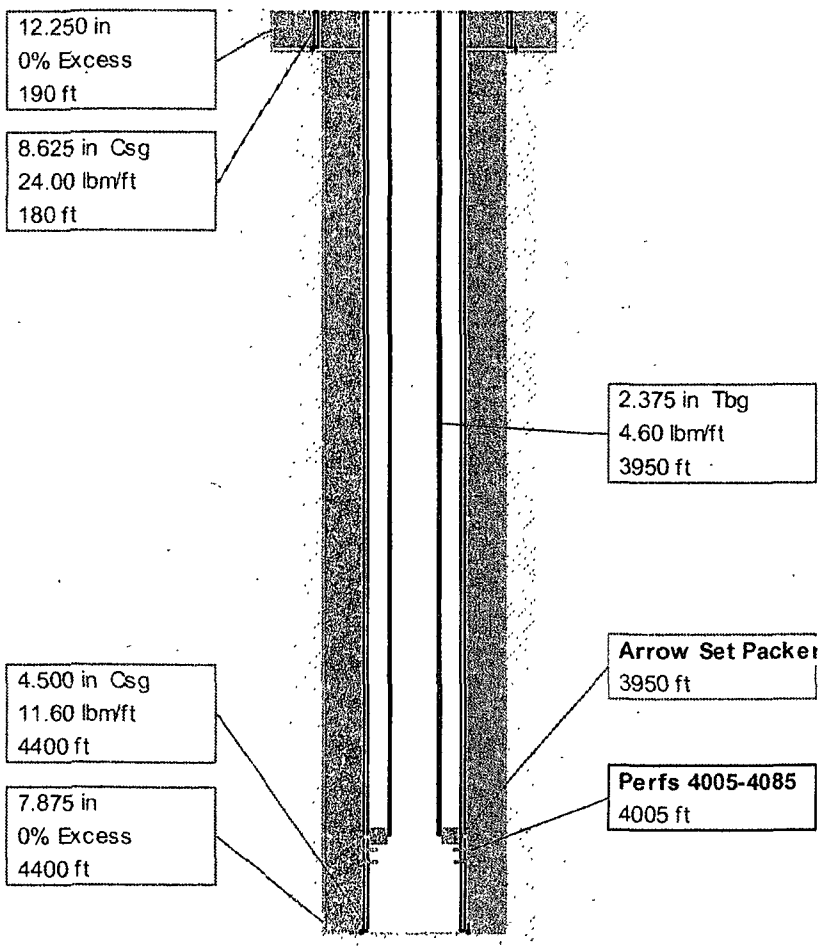
INJECTION WELL DATA SHEET

OPERATOR: ROBERT L BAYLESS, PRODUCER LLC 30-045-10108

WELL NAME & NUMBER: STRIBLING #1 SWD

WELL LOCATION:	1565 FSL & 1050 FEL	I	31	31N	13W
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12-1/4" Casing Size: 8-5/8"

Cemented with: 130 sx. *or* _____ ft^3

Top of Cement: Surface Method Determined: Calculated

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. *or* _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 7-7/8" Casing Size: 4-1/2"

Cemented with: 569 sx. *or* _____ ft^3

Top of Cement: Surface Method Determined: Calculated

Total Depth: 4400

Injection Interval

Perforated 4005 feet to 4085

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2-3/8", 4.6 ppf Lining Material: Plastic

Type of Packer: Plastic Coated Arrowset Model 1-X Retrievable

Packer Setting Depth: 3,950 ft

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? ____Yes __X__No

   If no, for what purpose was the well originally drilled? DAKOTA GAS WELL

   _____

2. Name of the Injection Formation: POINT LOOKOUT

3. Name of Field or Pool (if applicable): Blanco Mesaverde Pool

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. Dakota Set cement retainer at 5500 ft pump 66 sx of Class H Cement (25% above volume. Spot 4.5 cu. Ft above Retainer

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: The next productive oil & gas zone underlying the Point Lookout Formation is the Dakota Formation at 6,210'. Overlying the Point Lookout formation is the gas bearing Fruitland coal formation at 1650'

Robert L. Bayless, Producer LLC
Stribling SWD #1
Application For Authorization to Inject

Part III – Well Data

A.1. Robert L. Bayless, Producer LLC Stribling SWD #1; formerly Stribling #1 well
1565 FSL & 1050 FEL, Sec 31, T31N, R13W, San Juan County, New Mexico

A.2. 8 5/8" 23 #/ft surface casing set at 180 ft, cemented with 130 sx cement with 2% HA, circulated to surface. Hole size was 12 ¼". 4 ½" 10.5 #/ft production casing set at 6420 ft, with DV tool stage collar set at 5716 ft. Hole was 7 7/8". Stage 1 was cemented with 100 sx of cement with cement top of 6013 ft. Stage 2 was cemented with 100 sx of cement with cement top of 5326'. Cement tops were determined by calculation.

A.3. 2 3/8" 4.7 #/ft yellow band tested tubing to be used setting in packer at 3950 ft. The tubing will be plastic lined.

A.4. Arrowset packer set at 3950 ft.

B.1. The injection formation will be the Point Lookout, Mesaverde Pool.

B.2. The injection formation will be perforated from 4005 ft. to 4080 ft. 4085'

B.3. The subject well was drilled and completed in 1962 as a Dakota Formation Producer. Bayless plans to P&A the Dakota formation , replace and cement 4 ½" 10.5# casing to surface and complete the it as a water disposal well.

B.4. The subject well has Dakota perforations from 6259 ft to 6300 ft and from 6216 ft to 6227 ft. These perforations will be cemented off as part of the plugging operations. A cement retainer will be set at 5300 ft and casing will be filled with 66 sx (78 ft3) Cement. 50 feet of cement will be spotted on top of the retainer. 4 ½" Casing will be chemically cut at 4500 ft and pulled due to holes from 6013 to 1000 ft. A 50 ft open hole balanced plug will be placed at 4450 ft. 4 ½ " 10.5# J-55 casing will be ran to 4500 ft and cement to surface with 430 sxs of Halliburton Lite Cement (yield of 1.84 ft3/sx) and 139 sx of 50:50 pozmix cement (1.42 ft3/sx).

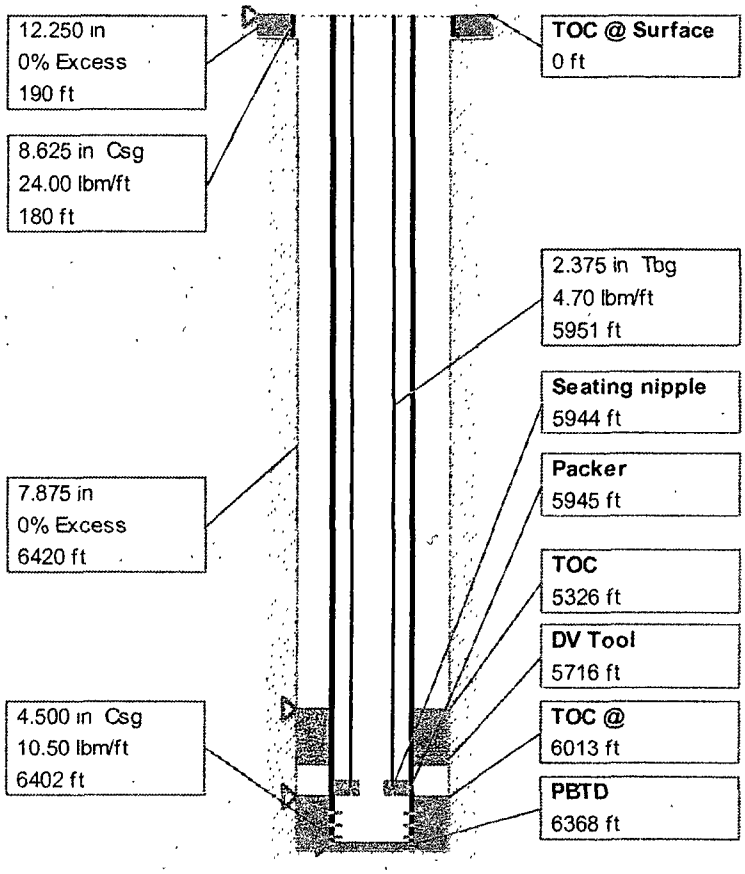
Robert L. Bayless, Producer LLC
Stribling SWD #1
Application For Authorization to Inject

Stribling 1
Robert L. Bayless, Producer LLC

Wellbore – As-Is

(not to Scale)

CURRENT



13' KB

Formation Tops	
Ojo Alamo	Surface
Fruitland	1605'
Lewis	1750'
Menefee	3208'
Point Lookout	4005'
Gallup	5332'
Greenhorn	6100'
Graneros	6150'
Dakota	6210'

Tubing Configuration		
KB	13'	
1 – 2-3/8" 4.7# J-55 EUE	32.9'	
2 – 10'x2-3/8" subs	20.25'	
188 – 2-3/8" 4.7# J-55 EUE	5879.5	
1 – 2-3/8" seating nipple		1.1'
4-1/2" Baker Model R-3 Packer	6.3'	
TOTAL	5953'	

Stribling SWD #1
Robert L. Bayless, Producer LLC
Wellbore - After Workover

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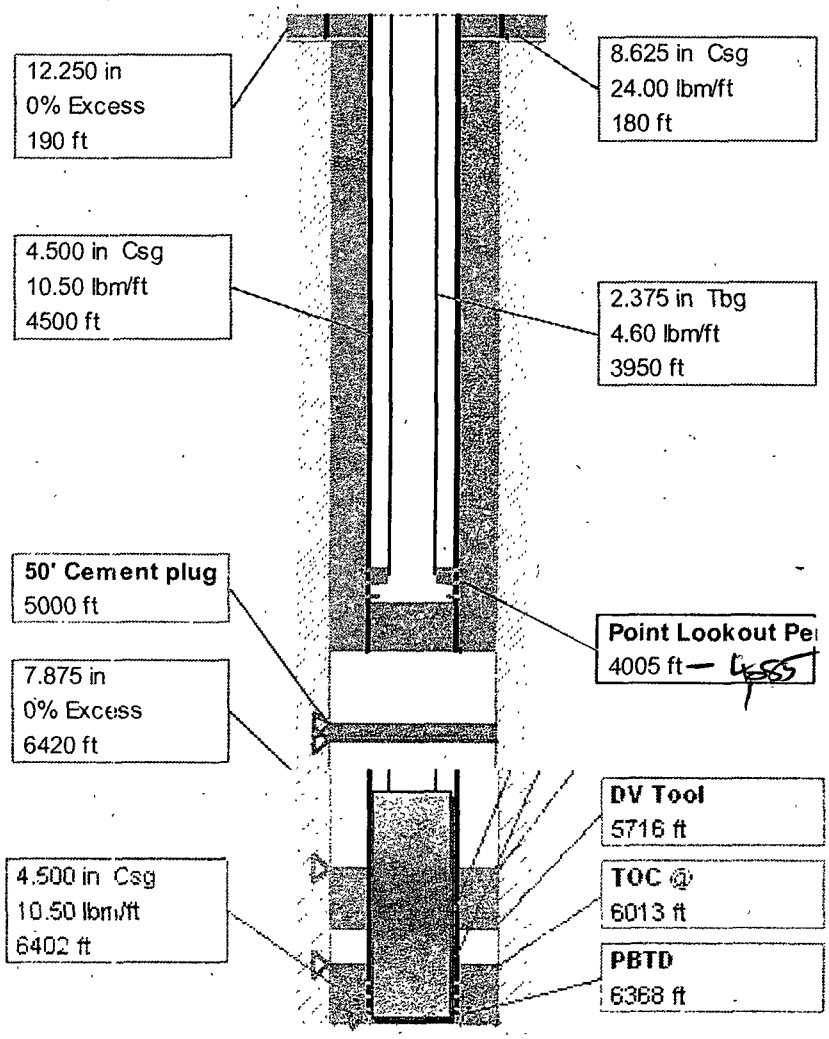
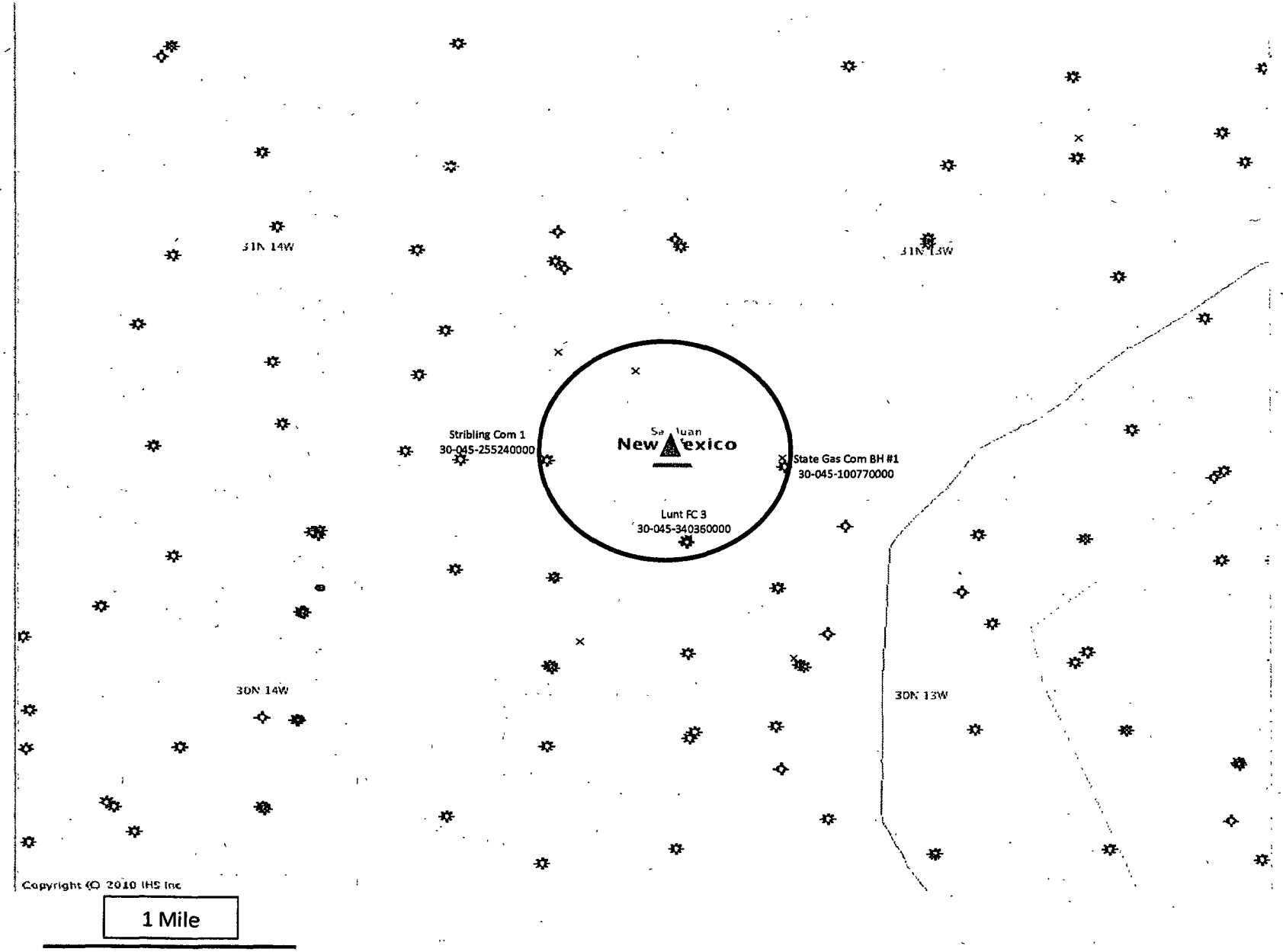
AFTER





Stribling #1 SWD

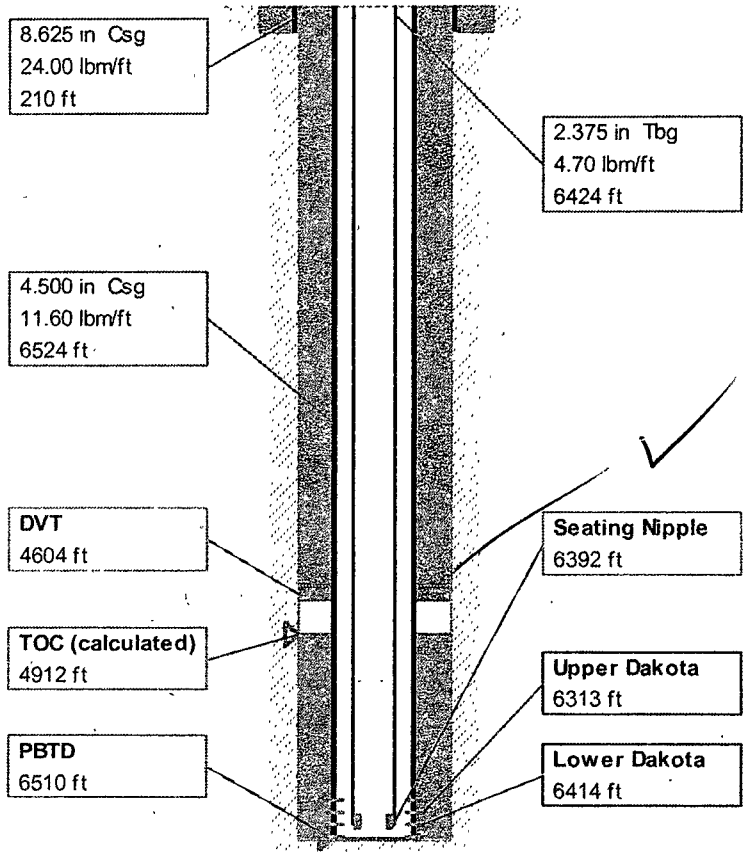
Robert L Bayless, Producer LLC

Form C-108 Sec. V

Count	Lease Name	Well Number	Operator Name	T	R	S	QQ	County Name	State	Field	Production Zone Name	TD	Status
WELLS TO REVIEW WITHIN 1/2 MILE RADIUS OF PROPOSED SWD LOCATION													
1	STRIBLING COM	1	ROBERT L BAYLESS, PRODUCER LLC	31N	13W	21	NW SW SW	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6313	ACTIVE
2	STATE GAS COM BH	1	MCELVAIN T H O&G PRP	31N	13W	32	SW SW	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6142	ACTIVE
WELLS WITHIN 2 MILES OF PROPOSED SWD LOCATION													
3	PINON MESA A	100	BURLINGTON RESOURCES O&G CO LP	31N	14W	36	NW SE SE	SAN JUAN	NEW MEXICO	BASIN	FRUITLAND COAL	1498	INACTIVE
4	PINON MESA A	1	BURLINGTON RESOURCES O&G CO LP	31N	14W	36	NE	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6198	INACTIVE
5	PINON MESA A	1E	BURLINGTON RESOURCES O&G CO LP	31N	14W	36	NE SW SE	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6297	ACTIVE
6	PINON MESA A	2	BURLINGTON RESOURCES O&G CO LP	31N	14W	36	SE NW SW	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6142	ACTIVE
7	PINON MESA A	2E	BURLINGTON RESOURCES O&G CO LP	31N	14W	36	NE SW NW	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6105	ACTIVE
8	PINON MESA B	2E	BURLINGTON RESOURCES O&G CO LP	31N	14W	25	NE SW SE	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6158	ACTIVE
9	PINON MESA B	1	BURLINGTON RESOURCES O&G CO LP	31N	14W	25	SE NW SW	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6106	INACTIVE
10	FEDERAL	1	ANDERSON OIL LIMITED LLP	31N	13W	29	NW SE	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6184	ACTIVE
11	FEDERAL	2	ANDERSON OIL LIMITED LLP	31N	13W	30	SW NE SE	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6210	ACTIVE
12	FEDERAL	3	ANDERSON OIL LIMITED LLP	31N	13W	30	NE SW SW	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6252	ACTIVE
13	MCCORD	11E	BURLINGTON RESOURCES O&G CO LP	30N	13W	9	SW NE NW	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6061	ACTIVE
14	PINON MESA A	1F	BURLINGTON RESOURCES O&G CO LP	30N	14W	36	SE SW NE	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6202	ACTIVE
15	PINON MESA A	3	BURLINGTON RESOURCES O&G CO LP	30N	14W	35	SE NW NE	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	5960	ACTIVE
16	PINON MESA A	4	BURLINGTON RESOURCES O&G CO LP	30N	14W	35	NW SE SE	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	5998	ACTIVE
17	PINON MESA B	1E	BURLINGTON RESOURCES O&G CO LP	31N	14W	25	NE SW NW	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6059	ACTIVE
18	PINON MESA B	2	BURLINGTON RESOURCES O&G CO LP	31N	14W	25	NW SE NE	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6254	ACTIVE
19	PINON MESA B	3	BURLINGTON RESOURCES O&G CO LP	31N	14W	26	NW SE SE	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	5982	ACTIVE
20	PINON MESA C	2	BURLINGTON RESOURCES O&G CO LP	31N	14W	24	SW NE SE	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6286	ACTIVE
21	ROURKE	100	BURLINGTON RESOURCES O&G CO LP	30N	13W	4	NE SW SW	SAN JUAN	NEW MEXICO	BASIN	FRUITLAND COAL	1358	ACTIVE
22	MCCORD	7R	CLICK ROBERT R	30N	13W	4	NE SW NE	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6218	INACTIVE
23	PAUL HALL	1	DUGAN PRODUCTION CORPORATION	31N	13W	20	SE SW	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6304	ACTIVE
24	RAINBOW SEEKER	1	DUGAN PRODUCTION CORPORATION	31N	13W	29	NE SW NE	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6336	ACTIVE
25	DICK HUNT FEDERAL	1	FOUR STAR O&G COMPANY	30N	14W	12	NE SE	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6199	INACTIVE
26	DICK HUNT FEDERAL	2	FOUR STAR O&G COMPANY	30N	14W	1	SW SE NE	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6184	INACTIVE
27	HARRIS	1	FULLER PRODUCTION INC	31N	13W	28	SE SW	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6246	ACTIVE
28	KNIGHT	1	FULLER PRODUCTION INC	30N	13W	5	SW NE NE	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6084	INACTIVE
29	PARKER	1	FULLER PRODUCTION INC	31N	13W	33	NE SW	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6097	ACTIVE
30	LUNT	63	M&G DRILLING CO INC	30N	13W	7	NE NE	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6066	ACTIVE
31	FARMSWORTH GAS COM B	1	MCELVAIN T H O&G PRP	30N	13W	8	SW SE	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	5961	ACTIVE
32	FARMSWORTH GAS COM B	1E	MCELVAIN T H O&G PRP	30N	13W	8	SW NE NE	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	5942	ACTIVE
33	LITTLE FEDERAL	2	MERIDIAN OIL INC	30N	14W	1	SW NE NW	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6308	INACTIVE
34	LITTLE FEDERAL	3	MERIDIAN OIL INC	30N	14W	12	SW NE NW	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6274	INACTIVE
35	KAUFMAN	1E	NOBLE ENERGY LLC	31N	13W	33	NE SW SE	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6231	ACTIVE
36	QUIETMAN FEDERAL 28	5	NOBLE ENERGY LLC	31N	13W	28	NE SW NW	SAN JUAN	NEW MEXICO	BASIN	DAKOTA/FRUITLAND COAL	6484	ACTIVE
37	ROURKE	1	NOBLE ENERGY LLC	30N	13W	4	SW SW	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6086	ACTIVE
38	ROURKE	1E	NOBLE ENERGY LLC	30N	13W	4	SE NW NW	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6080	ACTIVE
39	VALANCE 33	2	NOBLE ENERGY LLC	31N	13W	33	E2 NW NE	SAN JUAN	NEW MEXICO	BASIN	DAKOTA/FRUITLAND COAL	6210	ACTIVE
40	KNIGHT	1E	P-R-O MANAGEMENT INC	30N	13W	5	SW NE SE	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	5794	ACTIVE
41	LUNT	61	R&G DRILLING COMPANY INC	30N	13W	6	NE NE	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6104	INACTIVE
42	LUNT	64	R&G DRILLING COMPANY INC	30N	13W	5	SW SW	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6014	INACTIVE
43	LUNT	65	R&G DRILLING COMPANY INC	30N	13W	8	NE SW	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	5968	INACTIVE
44	LUNT	67	R&G DRILLING COMPANY INC	30N	13W	6	SW SW	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6095	INACTIVE
45	LUNT	62	RUSSELL WILLIAM C	30N	13W	18	NE NE	SAN JUAN	NEW MEXICO	BASIN	DAKOTA	6036	INACTIVE
46	BUTTE	3	XTO ENERGY INC	30N	13W	18	SW NE NE	SAN JUAN	NEW MEXICO	BASIN	FRUITLAND COAL	1281	ACTIVE
47	LUNT	1	XTO ENERGY INC	30N	13W	5	SE SW NW	SAN JUAN	NEW MEXICO	BASIN	FRUITLAND COAL	1301	ACTIVE
48	LUNT	2	XTO ENERGY INC	30N	13W	5	NE SW SW	SAN JUAN	NEW MEXICO	BASIN	FRUITLAND COAL	1238	ACTIVE
49	LUNT	3	XTO ENERGY INC	30N	13W	6	SW NE NE	SAN JUAN	NEW MEXICO	BASIN	FRUITLAND COAL	1327	ACTIVE
50	LUNT	4	XTO ENERGY INC	30N	13W	6	SE SW NW	SAN JUAN	NEW MEXICO	BASIN	FRUITLAND COAL	1395	ACTIVE
51	LUNT	5	XTO ENERGY INC	30N	13W	6	NE	SAN JUAN	NEW MEXICO	BASIN	FRUITLAND COAL	1338	ACTIVE
52	LUNT	6	XTO ENERGY INC	30N	13W	6	NW SE SE	SAN JUAN	NEW MEXICO	BASIN	FRUITLAND COAL	1271	ACTIVE
53	LUNT	7	XTO ENERGY INC	30N	13W	7	SW NE NE	SAN JUAN	NEW MEXICO	BASIN	FRUITLAND COAL	1332	ACTIVE
54	LUNT	8	XTO ENERGY INC	30N	13W	7		SAN JUAN	NEW MEXICO	BASIN	FRUITLAND COAL	1330	ACTIVE
55	LUNT	9	XTO ENERGY INC	30N	13W	7						1497	ACTIVE

56	LUNT	10	XTO ENERGY INC	30N	13W	7 NW SE SE	SAN JUAN	NEW MEXICO	BASIN	FRUITLAND COAL	1399	ACTIVE
57	LUNT	11	XTO ENERGY INC	30N	13W	8 SE NW NW	SAN JUAN	NEW MEXICO	BASIN	FRUITLAND COAL	1271	ACTIVE
58	LUNT	12	XTO ENERGY INC	30N	13W	8 SW NE SW	SAN JUAN	NEW MEXICO	BASIN	FRUITLAND COAL	1234	ACTIVE
59	WF FEDERAL 1	2	XTO ENERGY INC	30N	14W	1 SW NE NW	SAN JUAN	NEW MEXICO	BASIN	FRUITLAND COAL	1453	ACTIVE
60	WF FEDERAL 12	1	XTO ENERGY INC	30N	14W	12 SW NE NW	SAN JUAN	NEW MEXICO	BASIN	FRUITLAND COAL	1556	ACTIVE
61	WF FEDERAL 2	1	XTO ENERGY INC	30N	14W	2 NE SE NE	SAN JUAN	NEW MEXICO	BASIN	FRUITLAND COAL	1610	ACTIVE
62	LITTLE FEDERAL	1	EL PASO EXPLORATION CO	30N	14W	1 SW NE SW	SAN JUAN	NEW MEXICO	BASIN	FRUITLAND COAL	1171	INACTIVE
63	LITTLE FEDERAL	4	EL PASO EXPLORATION CO	30N	14W	1 SW NE NW	SAN JUAN	NEW MEXICO	BASIN	FRUITLAND COAL	1364	INACTIVE
66	FEDERAL	4	ANDERSON OIL LIMITED LLP	31N	13W	29 SE NW SE	SAN JUAN	NEW MEXICO	BASIN	FRUITLAND COAL/PC	1473	ACTIVE
67	SALTY DOG SWD	4	XTO ENERGY INC	30N	14W	1 NW NE SW	SAN JUAN	NEW MEXICO	BASIN	MESAVERDE	3118	ACTIVE

Stribling Com 1
Robert L. Bayless, Producer LLC
30-045-25524
CHR
Created on 2/4/2008 10:58:08 AM



4-1/2" Casing Tally

KB	13.'
160 - 4-1/2" 11.6# J-55 EUE	4591.04'
DV Tool	2.17'
45 - 4-1/2" 11.6# J-55 EUE	1873.97'
Float collar	1.25'
1- 4-1/2" 11.6# J-55 EUE	41.65'
Guide shoe	.92'
Total	6524.'

2-3/8" Tubing Tally

KB	13.'
204 - 2-3/8" 4.7# J-55 EUE	6378.83'
Seating nipple	1.1'
1 - 2-3/8" 4.7# J-55 EUE	30.95'
Total	6423.88'

Perforation Information

Upper Dakota: 6313'-30', 34'-45', 63',-71', 75'-84', 95'-6401'
Lower Dakota: 6414'-43', 55'-68'

Scout Ticket

Wed Aug 25, 2010

30045255240000

General Information

1 STRIBLING COM

Data Source:	PI		
API:	30045255240000	**IC:**	300457022282
State:	NEW MEXICO	**County:**	SAN JUAN
Field:	BASIN	**Operator:**	BAYLESS ROBERT L LLC
Initial Class:	DEVELOPMENT WELL (D)	**Final Well Class:**	DEVELOPMENT WELL-GAS (DG)
Status:	GAS	**Target Objective:**	GAS
Permit:	on Feb 26, 1983	**Hole Direction:**	VERTICAL
First Report Date:	Oct 20, 1982	**Abandonment Date:**	
Projected TD:	6,495 FT	**Projected Formation:**	DAKOTA
Geologic Province:	SAN JUAN BASIN	**Formation at TD:**	DAKOTA

IP Summary:

Oil: **Gas:** 1,990 MCFD **Water:** **Top Form:** DAKOTA

Location

Section, Twp., Range:	31 31N 13W	**Data Source:**	PI
Spot Code:	NW SW SW		
Footage NS EW Origin:	1100 FSL 650 FWL CONGRESS SECTION		
Principal Meridian:	NEW MEXICO		
Lat/Long:	+36.8523330 -108.2483526	**Lat/Long Source:** IH	**Datum:** NAD27

Dates and Depths

Data Source:	PI		
Spud:	Mar 08, 1983	**Spud Date Code:**	
TD:	6,525 FT	**TD Date:**	
TVD:		**PlugBack Depth:**	6,510 FT
Formation Code TD:	602DKOT	**Formation Name TD:**	DAKOTA
Ref. Elevation:	5,836 FT KB	**KB. Elevation:**	5,836 FT
Ground Elevation:	5,823 FT GR	**LTD:**	6,536 FT
Contractor:	BAYLESS R L DRILLING		
Completed:	May 06, 1983	**Final Drilling:**	
Rig Release Date:		**Rig #:**	1
TOOL:	ROTARY		

Initial Potential Tests

IP: 001 **Data Source: PI**

Top Formation Name:	DAKOTA	**Top Formation Code:**	602DKOT
Base Formation Name:	DAKOTA	**Base Formation Code:**	602DKOT
Oil:		**Condensate:**	

Gas:	1,990 MCFD	**Water:**	
Interval:	6,313 - 6,468 GROSS	**Method:**	FLOWING
Duration of Test:	Hours	**Choke:**	48/64
Oil Gravity:		**GOR:**	
Cond Gravity:		**Cond Ratio:**	

Remarks on IP Test Data Source: PI SPOT 100 GALS/7 1/2% HCL/ ACIDIZED 6313-6401 W/77 BALL SEALERS, SIP 18 MIN/800 ACIDIZED 6414-6468 W/63 BALL SEALERS, ATP 2300, ISIP 1900, SIP 15 MIN/1300

IP: 1 **Data Source: DEI**

Top Formation Name:		**Top Formation Code:**	
Base Formation Name:		**Base Formation Code:**	
Oil:		**Condensate:**	
Gas:		**Water:**	
Interval:	-	**Method:**	
Duration of Test:	Hours	**Choke:**	
Oil Gravity:		**GOR:**	
Cond Gravity:		**Cond Ratio:**	

Remarks on IP Test Data Source: PI F 1990 MCFGPD on 3/4 ck SICP 512

Pressures

Test	Data Source	FTP	FCP	SITP	SICP
001	PI	153 PSIG	512 PSIG	1,952 PSIG	1,975 PSIG

CAOF

Test	Data Source	Calc	4 Point	Flow	Shut-in
001	PI	2101			

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	6313 - 6330				1 FT	PERF	602DKOT	DAKOTA
001	PI	6334 - 6345				1 FT	PERF	602DKOT	DAKOTA
001	PI	6363 - 6371				1 FT	PERF	602DKOT	DAKOTA
001	PI	6375 - 6384				1 FT	PERF	602DKOT	DAKOTA
001	PI	6395 - 6401				1 FT	PERF	602DKOT	DAKOTA
001	PI	6414 - 6443				1 FT	PERF	602DKOT	DAKOTA
001	PI	6455 - 6468				1 FT	PERF	602DKOT	DAKOTA

Treatments

Treatment: 001

Interval:	6,313 - 6,401		
Fluid:	1,000 GAL	ACID	**Type:** A
Additive:			

Prop Agent: **Amount:**
Form Break Down Pressure:
Average Injection Rate: **Instant Shut-in Pressure:** 1350 PSIG
Stages: **Remarks:** 15% HCL
Treatment: 001
Interval: 6,313 - 6,401
Fluid: 80,000 GAL FRAC **Type:** W
Additive:
Prop Agent: SAND **Amount:** 135,000 LB
Form Break Down Pressure:
Average Injection Rate: 30 BPM **Instant Shut-in Pressure:** 1350 PSIG
Stages: **Remarks:** 20/40 SD
Treatment: 001
Interval: 6,414 - 6,468
Fluid: 750 GAL ACID **Type:** A
Additive:
Prop Agent: **Amount:**
Form Break Down Pressure:
Average Injection Rate: **Instant Shut-in Pressure:** 1350 PSIG
Stages: **Remarks:** 15% HCL
Treatment: 001
Interval: 6,414 - 6,468
Fluid: 31,470 GAL FRAC **Type:** W
Additive:
Prop Agent: SAND **Amount:** 48,400 LB
Form Break Down Pressure:
Average Injection Rate: 30 BPM **Instant Shut-in Pressure:** 1350 PSIG
Stages: **Remarks:** 20/40 SD

Drill Stem Tests

DST: 1 **Data Source:** DEI
Show: **Formation:**
Interval: - **BHT:**
Choke: Top: **Bottom:**
Dst Test Remark None

Cores

CORE ID: 002
Formation: **Data Source:** DEI
Interval: - **Rec:**
Core Type: **Show Type:**

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	8 5/8 IN	210 FT	125 SACK
CASING	PI	4 1/2 IN	6,524 FT	2,550 SACK

Tubing	Data Source	Size	Mixed String	Base Depth
TUBING	PI	2 3/8 IN		6,338 FT

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
604PCCF	PI	PICTURED CLIFFS	1,678				LOG		604
604CLFH	PI	CLIFF HOUSE	3,268				LOG		604
604MENF	PI	MENEFEE	3,442				LOG		604
604PNLK	PI	POINT LOOKOUT	4,096				LOG		604
603GLLP	PI	GALLUP /SS/	5,440				LOG		603
603GRNR	PI	GREENHORN	6,200				LOG		603
602DKOT	PI	DAKOTA	6,313				LOG		602

Logs

Log	Data Source	Type	Top Depth	Base Depth	Logging Co.	BHT	since circ.
1	PI	IL	206	6,524			
2	PI	DN					
3	PI	POR					
4	PI	GR					
5	PI	AV					
6	PI	CP					
7	PI	CCL					

Dwights Energydata Narrative

Accumulated through 1997

Data Source	Type	Nbr	Remark
DEI	IP	1	F 1990 MCFGPD on 3/4 ck SICP 512

Data Source	Type	Nbr	Remark
DEI	Perf	1	6414-6443 -- Perf 6455-6468 w/42 holes - acid w/750 gals 15% HCL -
DEI	Perf	1	frac w/31,470 gals 30# Xlinked gel in 1% KCL wtr & 48,400# 20/40 sd
DEI	Perf	1	-- Perf 6313-6330, 6334-6345, 6363-6371, 6375-6384, 6395-6401 w/1 SPF -
DEI	Perf	1	frac w/80,000 gals 30# xlinked gel w/1% KCL wtr & 2% diesel 135,000#

Data Source	Type	Nbr	Remark
DEI	Perf	1	20/40 sd

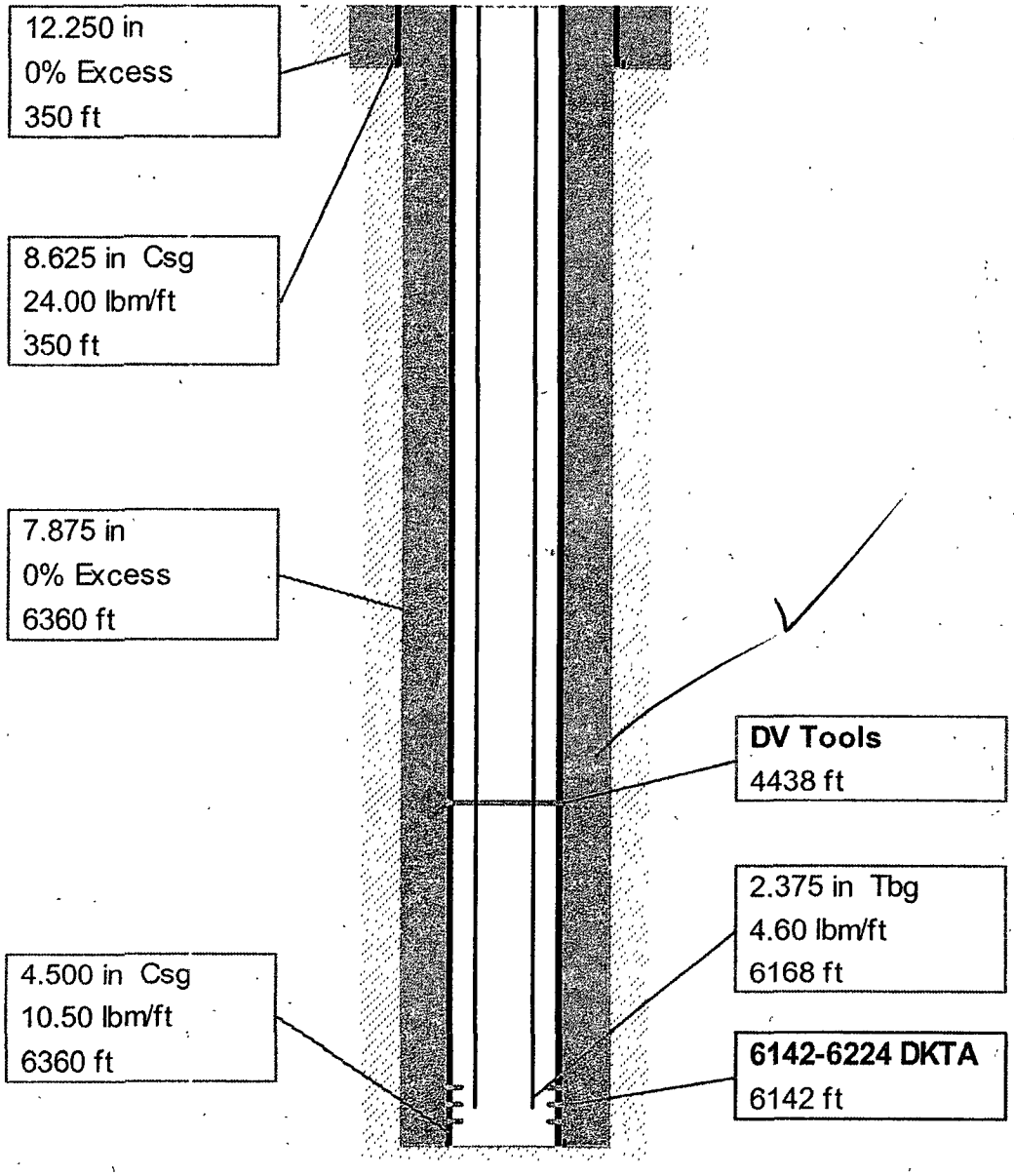
Data Source	Type	Nbr	Remark
DEI	DST	1	None

Data Source	Type	Nbr	Remark
DEI	Cores	002	None

Data Source	Dwights Number
PI	300457022282

State BH Gas Unit 1
McElvain O _G

WBD
Created on 8/25/2010 10:39:20 AM
-JT



-TOC-Surface for both Strings

Scout Ticket

Wed Aug 25, 2010

30045100770000

General Information

1 STATE BH GAS UNIT

Data Source:	PI		
API:	30045100770000	**IC:**	
State:	NEW MEXICO	**County:**	SAN JUAN
Field:	BASIN	**Operator:**	PAN AMERICAN PETROLE
Initial Class:	DEVELOPMENT WELL (D)	**Final Well Class:**	DEVELOPMENT WELL-GAS (DG)
Status:	GAS	**Target Objective:**	
Permit:	on Aug 07, 1965	**Hole Direction:**	VERTICAL
First Report Date:	Sep 15, 1972	**Abandonment Date:**	
Projected TD:	6,300 FT	**Projected Formation:**	DAKOTA
Geologic Province:	SAN JUAN BASIN	**Formation at TD:**	DAKOTA

IP Summary:

Oil: **Gas:** 2,983 MCFD **Water:** **Top Form:** DAKOTA

Location

Section, Twp., Range:	32 31N 13W	**Data Source:**	PI
Spot Code:	SW SW		
Footage NS EW Origin:	900 FSL 870 FWL CONGRESS SECTION		
Principal Meridian:	NEW MEXICO		
Lat/Long:	+36.8518232 -108.2336717	**Lat/Long Source:** IH	**Datum:** NAD27

Dates and Depths

Data Source:	PI		
Spud:	Aug 17, 1965	**Spud Date Code:**	
TD:	6,360 FT	**TD Date:**	
TVD:		**PlugBack Depth:**	6,325 FT
Formation Code TD:	602DKOT	**Formation Name TD:**	DAKOTA
Ref. Elevation:	5,639 FT KB	**KB. Elevation:**	5,639 FT
Ground Elevation:	5,625 FT GR	**LTD:**	
Contractor:	JCM LLC		
Completed:	Sep 21, 1965	**Final Drilling:**	
Rig Release Date:		**Rig #:**	
TOOL:	ROTARY		

Initial Potential Tests

IP: 001 **Data Source: PI**

Top Formation Name:	DAKOTA	**Top Formation Code:**	602DKOT
Base Formation Name:	DAKOTA	**Base Formation Code:**	602DKOT
Oil:		**Condensate:**	

Gas:	2,983 MCFD	**Water:**	
Interval:	6,142 - 6,224 GROSS	**Method:**	FLOWING
Duration of Test:	3 Hours	**Choke:**	48/64
Oil Gravity:		**GOR:**	
Cond Gravity:		**Cond Ratio:**	
IP: 1	**Data Source: DEI**		
Top Formation Name:		**Top Formation Code:**	
Base Formation Name:		**Base Formation Code:**	
Oil:		**Condensate:**	
Gas:		**Water:**	
Interval:	-	**Method:**	
Duration of Test:	Hours	**Choke:**	
Oil Gravity:		**GOR:**	
Cond Gravity:		**Cond Ratio:**	

Remarks on IP Test Data Source: PI F 2983 MCFGPD on 3/4 ck, CP 714 TP 241

Pressures

Test	Data Source	FTP	FCP	SITP	SICP
001	PI	241 PSIG	714 PSIG	1,716 PSIG	1,737 PSIG

CAOF

Test	Data Source	Calc	4 Point	Flow	Shut-in
001	PI	3423			

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	6142 - 6158				2 FT	PERF	602DKOT	DAKOTA
001	PI	6169 - 6174				2 FT	PERF	602DKOT	DAKOTA
001	PI	6202 - 6212				2 FT	PERF	602DKOT	DAKOTA
001	PI	6218 - 6224				2 FT	PERF	602DKOT	DAKOTA

Treatments

Treatment: 001

Interval:	6,142 - 6,224		
Fluid:		FRAC	**Type:** W
Additive:			
Prop Agent:	SAND	**Amount:**	
Form Break Down Pressure:			
Average Injection Rate:		**Instant Shut-in Pressure:**	

Stages: **Remarks:**

Production Tests

PT: 001

Data Source:	PI		
Top Formation Name:	DAKOTA	**Top Formation Code:**	602DKOT
Base Formation Name:	DAKOTA	**Base Formation Code:**	602DKOT
Oil:		**Condensate:**	
Gas:	2,800 MCFD	**Water:**	
Interval:	6,142 - 6,224 GROSS	**Method:**	FLOWING
Duration of Test:	Hours	**Choke:**	
Oil Gravity:		**GOR:**	
Cond Gravity:		**Cond Ratio:**	
Prod Method:	PERF	**Main Fluid Code:**	

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	6142 - 6158				2 FT	PERF	602DKOT	DAKOTA
001	PI	6169 - 6174				2 FT	PERF	602DKOT	DAKOTA
001	PI	6202 - 6212				2 FT	PERF	602DKOT	DAKOTA
001	PI	6218 - 6224				2 FT	PERF	602DKOT	DAKOTA

Treatments

Treatment: 001

Interval:	6,142 - 6,224				
Fluid:	54,600 GAL	FRAC	**Type:**	W	
Additive:	U				
Prop Agent:	SAND	**Amount:**	60,000 LB		
Form. Break Down Pressure:	1,300 PSIG				
Average Injection Rate:		**Instant Shut-in Pressure:**			
Stages:	**Remarks:**	0.8%			

Treatment: 001

Interval:	-				
Fluid:		TRET	**Type:**	UNKNOWN	
Additive:	U				
Prop Agent:		**Amount:**			
Form. Break Down Pressure:					
Average Injection Rate:		**Instant Shut-in Pressure:**			
Stages:	**Remarks:**	135 LBS			

Treatment: 001

Interval:	-				
Fluid:		TRET	**Type:**	UNKNOWN	
Additive:					
Prop Agent:		**Amount:**			

Form. Break Down Pressure:
Average Injection Rate: 57 BPM **Instant Shut-in Pressure:**
Stages: **Remarks:** AVG TP 2600
Treatment: 001
Interval:
Fluid: TRET **Type:** UNKNOWN
Additive:
Prop Agent: **Amount:**
Form. Break Down Pressure:
Average Injection Rate: **Instant Shut-in Pressure:**
Stages: **Remarks:** 40 BALL SEALERS

Cores

CORE ID: 002
Formation: **Data Source:** DEI
Interval: **Rec:**
Core Type: **Show Type:**

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	8 5/8 IN	380 FT	
CASING	PI	4 1/2 IN	6,360 FT	1,500 SACK

Drilling Journal

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
604PCCF	PI	PICTURED CLIFFS	1,550				LOG		604
604LWIS	PI	LEWIS	1,715				LOG		604
604MVRD	PI	MESAVERDE	3,290				LOG		604
603MNCS	PI	MANCOS	4,300				LOG		603
603GLLP	PI	GALLUP /SS/	5,260				LOG		603
603GRNR	PI	GREENHORN	6,020				LOG		603
603GRRS	PI	GRANEROS	6,085				LOG		603
603GRRS	PI	GRANEROS	6,133				LOG		603
602DKOT	PI	DAKOTA	6,201				LOG		602

Logs

Log	Data Source	Type	Top Depth	Base Depth	Logging Co.	BHT	since circ.
1	PI	IL					

Log	Data Source	Type	Top Depth	Base Depth	Logging Co.	BHT	since circ.
2	PI	AV					

Dwights Energydata Narrative

Accumulated through 1997

Data Source	Type	Nbr	Remark
DEI	IP	1	F 2983 MCFGPD on 3/4 ck, CP 714 TP 241

Data Source	Type	Nbr	Remark
DEI	Perf	1	6142-6212 w/2 SPF - treat w/500 gal 15% acid 8% KCL 135# J-100 60000#
DEI	Perf	1	20-40 sd in 54600 gal W

Data Source	Type	Nbr	Remark
DEI	Cores	002	None

Robert L. Bayless, Producer LLC
STRIBLING SWD #1
Application for Authorization to Inject

Part VII – Proposed Operations Data

1. The proposed average injection rate is 300 BWPD. The proposed maximum daily injection rate 500 BWPD. These rates may be adjusted based on well tests.

2. The injection system will be closed.

3. The proposed injection pressure will be 600 psi. The proposed maximum injection pressure will be 1000 psi. These pressures may be adjusted based on well tests.

4. The source of water will be various Fruitland Coal wells to be drilled on this and adjacent properties by the operator. A typical water analysis for the Fruitland Coal Formation is attached. Fruitland Coal waters are disposed of into other Mesa Verde disposal wells in the area with no apparent compatibility problems. Compatibility of the water to be injected will be tested upon completion of the well.

5. Bayless does not have a water analysis for the injection zone at this time. If possible, during completion of the Stribling SWD #1, a representative Point Lookout water sample will be collected and analyzed.

VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic 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 sources known to be immediately underlying the injection interval.

Report for the Stribling #1

The current Stribling #1 gas well will be recompleted as a water disposal well that will utilize the Point Lookout Sandstone of the Cretaceous Mesaverde Formation. The Mesaverde Formation is composed of three members (young to old): the Cliff House Sandstone, the Menefee Formation and the Point Lookout Sandstone. The Point Lookout Sandstone is the lowest member and is composed of marine sands and shales deposited in coastal shoreline environment during the final retreat of the Cretaceous Seaway in the San Juan Basin. Locally, there is one major package of porous and permeable sand within the Point Lookout Sandstone, which will be utilized for water disposal.

Well logs from a nearby well, Stribling Com #1, were utilized to detail formation tops in the Stribling #1. The injection interval in the Point Lookout Sandstone is estimated to be about 75 feet thick and approximately 4,100 – 4,175 feet below the ground level. The interval consist of locally extensive sand beds, as observed in Stribling Com #1. The porosity of these sands averages 16% and ranges from 4% to 20%. Overlying the Point Lookout Sandstone are the Menefee Formation and Cliff House Sandstone which will not be utilized as an injection zones. Overlying the Mesaverde Fromation is the Lewis Shale, which is about 1,000 feet thick and composed of interbedded marine shale. Underlying the Mesaverde Formation is the Mancos Shale which is about 1,700 feet thick is characterized by black shale and silty shale. Both the Mancos Shale and Lewis Shale have low permeabilities that will confine the Point Lookout injection zone.

Locally the Mesaverde Formation is not producing oil and gas. In this area, it is utilized by other oil and gas operators for water disposal. It is underlain by the non-productive Mancos Shale, which in turn, is underlain by the oil and gas-bearing Dakota Formation. The Meseverde Formation is overlain by the non-productive Lewis Shale. Overlying the Lewis Shale is the Coal Bed Methane bearing Pictured Cliffs Sandstone and Fruitland Formation.

The surface geology at the Stribling #1 well is made up of the Tertiary/Cretaceous Animas Formation which consists of fluvial purple and green shale and yellow and light-gray sandstone and conglomerate. Regional thickness of the formation is up to 690 feet. The Animas Formation serves as the aquifer for some of the deeper water wells in the area, although most nearby wells get their water from the La Plata River alluvium which has a thickness of up to 55 feet. Records from the New Mexico State Engineer's Office show 35 water wells within a two-mile radius of the Stribling #1 Well. These wells range from 18 to 190 feet deep, with an average total depth of 60 feet. The depth to groundwater ranges from 6 to 70 feet, with an average depth to groundwater of 27 feet. The base of the Animas Formation at the Stribling #1 location is approximately 600 feet below the ground surface,

approximately 3,500 feet above the proposed injection zone in the Mesaverde Group. There are no aquifers that provide drinking water locally below the proposed injection zone.

The Point Lookout Sandstone of the Mesaverde Formation is being utilized by multiple operators in the Farmington area for water disposal (e.g. Salty Dog SWD4), due to its high porosity, high permeability and poor water quality aquifer. Water injected into the Point Lookout Sandstone will remain within the formation without disturbing the much deeper oil and gas-bearing Dakota Sandstone, and the much shallower CBM-bearing Pictured Cliffs Sandstone and Fruitland Formation, and the freshwater-bearing Animas Formation and La Plata River alluvial aquifer.

Robert L. Bayless, Producer LLC
STRIBLING SWD #1
Application for Authorization to Inject

Part IX – Proposed Stimulation Program

The Point Lookout injection interval will most likely be treated with 1000 gallons of 15% HCL. Although not anticipated, a minimum fracture treatment of 60,000 gals fluid and 60,000 lbs of 20/40 sand may be required to improve injection.

Part X – Logging and Test Data

All open-hole electric logs have been submitted to the OCD for the Stribling #1. A cased-hole cement bond log will be submitted when available. Results of the step rate injection test for the Point Lookout interval will be provided when available.

XI – Chemical Analysis of Nearby Fresh Water Wells

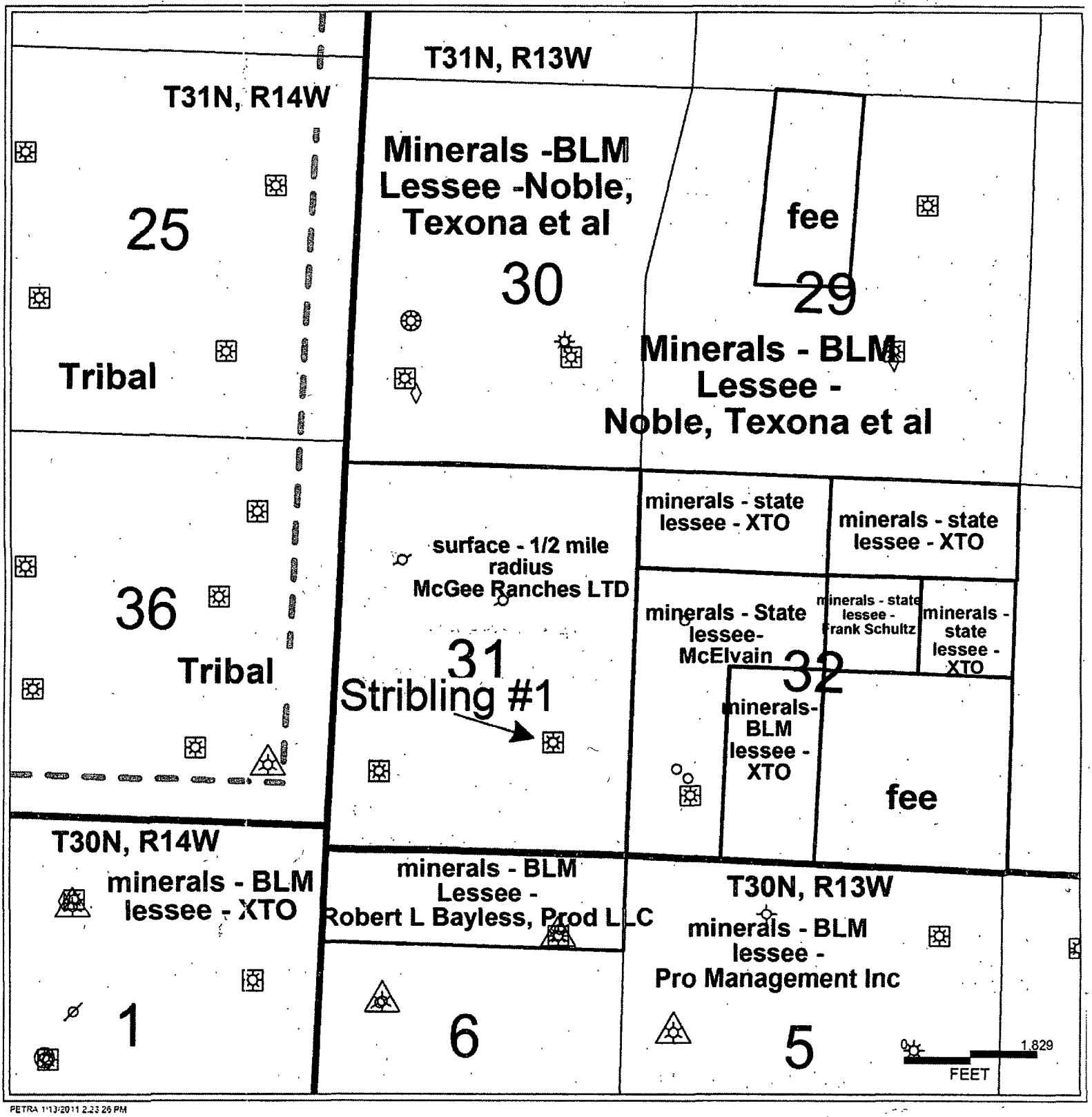
A records search of the NM Office of the State of Engineer iWaters database was conducted on a 9-section area centered on the Stribling #1 well Location, 31N 13W section 31. In Section 5 30N 13W, 1 water wells was located. The depth to water of this well is 8 feet. There are no other reported water wells in the area. The base of the Kirtland formation is approximately 1650 feet, about 2355 feet above the uppermost proposed injection zone in the Mesaverde. *Robert L Bayless, Producer LLC will attempt to obtain water samples from this water well.*

XII – Affirmative Statement

Robert L Bayless, Producer LLC has examined available geological and engineering data in the area of the Stribling #1 SWD injection well and has found no evidence of open faults or any other hydraulic conduit from the injection zone to any underground source of drinking water.

XIII – Proof of Notice

Attached are copies of certified letters and their return receipt cards which were sent to surface owners or leasehold owners within a one-half mile radius of the proposed Stribling #1 SWD well. Also attached is an Affidavit of Publication from the Farmington Daily Times newspaper stating that a legal notice was published advising the public of Robert L Bayless, Producer LLC intent to dispose of produced water in the Stribling #1 SWD Well.



PETRA 1/13/2011 2:23:26 PM

January 31, 2011

Ruth B. McGee
767 Highway 170
Farmington, NM 87401

RE: Application for Authority to Inject
Stribling #1,
T31N, R13W Section 31: NESE
Point Lookout Formation
San Juan County, New Mexico

Dear Mrs. McGee:

You have been identified as either a leasehold owner or a surface owner within one-half mile of the above referenced location in San Juan County, New Mexico. Robert L. Bayless, Producer LLC (Bayless) operates the captioned well and intends to convert it for the purpose of produced water disposal from existing and future Bayless wells within close proximity to the Stribling #1. A copy of Bayless' application to the New Mexico Oil Conservation Division is attached for your reference.

If you have any questions regarding this notice and application, please contact our Engineer, John Thomas at 505-326-2659. Objections or requests for hearing must be filed within 15 days with the New Mexico Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505.

Sincerely,

C Jay Muñoz
Land Manager

Enclosures (1): Application for Authorization to inject

January 31, 2011

XTO Energy Inc
Land Department
810 Houston St – Ste 2000
Fort Worth TX 76102

RE: Application for Authority to Inject
Stribling #1,
T31N, R13W Section 31: NESE
Point Lookout Formation
San Juan County, New Mexico

To whom it may concern:

You have been identified as either a leasehold owner or a surface owner within one-half mile of the above referenced location in San Juan County, New Mexico. Robert L. Bayless, Producer LLC (Bayless) operates the captioned well and intends to convert it for the purpose of produced water disposal from existing and future Bayless wells within close proximity to the Stribling #1. A copy of Bayless' application to the New Mexico Oil Conservation Division is attached for your reference.

If you have any questions regarding this notice and application, please contact our Engineer, John Thomas at 505-326-2659. Objections or requests for hearing must be filed within 15 days with the New Mexico Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505.

Sincerely,

C Jay Muñoz
Land Manager

Enclosures (1): Application for Authorization to inject

January 31, 2011

McElvain Oil & Gas
Land Department
1050 17th St – Ste 2500
Denver CO 80265

RE: Application for Authority to Inject
Stribling #1,
T31N, R13W Section 31: NESE
Point Lookout Formation
San Juan County, New Mexico

To whom it may concern:

You have been identified as either a leasehold owner or a surface owner within one-half mile of the above referenced location in San Juan County, New Mexico. Robert L. Bayless, Producer LLC (Bayless) operates the captioned well and intends to convert it for the purpose of produced water disposal from existing and future Bayless wells within close proximity to the Stribling #1. A copy of Bayless' application to the New Mexico Oil Conservation Division is attached for your reference.

If you have any questions regarding this notice and application, please contact our Engineer, John Thomas at 505-326-2659. Objections or requests for hearing must be filed within 15 days with the New Mexico Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505.

Sincerely,

C Jay Muñoz
Land Manager

Enclosures (1): Application for Authorization to inject

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

McElvain Oil & Gas
Land Department
1050 17th St - Ste 1800 2300
Denver CO 80265

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) [illegible] C. Date of Delivery

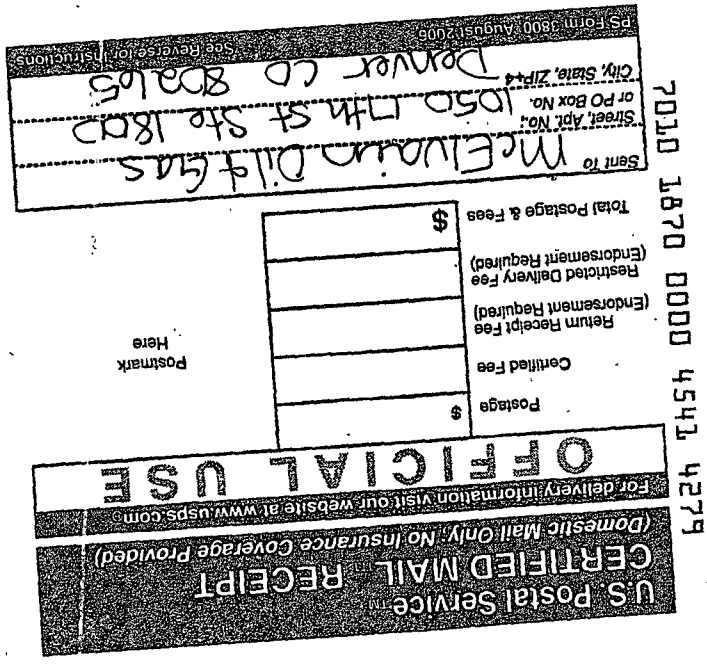
D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☒ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number
(Transfer from service label) 7010 1870 0000 4541 4279

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540



SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Ruth B. McGee
767 Highway 170
Farmington NM 87401

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Ruth B McGee ☐ Agent ☐ Addressee

B. Received by (Printed Name) Ruth B McGee
C. Date of Delivery 2-4-11

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☒ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7010 1870 0000 4541 4262

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-

7010 1870 0000 4541 4262

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)
For delivery information visit our website at www.usps.com®
OFFICIAL USE

Postage	$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$

Postmark Here

Sent To Ruth B McGEE
Street, Apt. No.; or PO Box No. 767 Highway 170
City, State, ZIP+4 Farmington NM 87401

PS Form 3800, August 2006 See Reverse for Instructions

7010 1870 0000 4541 4255

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)
For delivery information visit our website at www.usps.com®
OFFICIAL USE

Postage	$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$

Postmark Here

Sent To XTO Energy - Land Dept
Street, Apt. No.; or PO Box No. 810 Houston St Ste2000
City, State, ZIP+4 Ft. Worth TX 76102

PS Form 3800, August 2006 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

XTO Energy Inc
Land Department
810 Houston St - Ste2000
Fort Worth TX 76102

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by (Printed Name) FEB 07 2011
C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☒ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7010 1870 0000 4541 4255

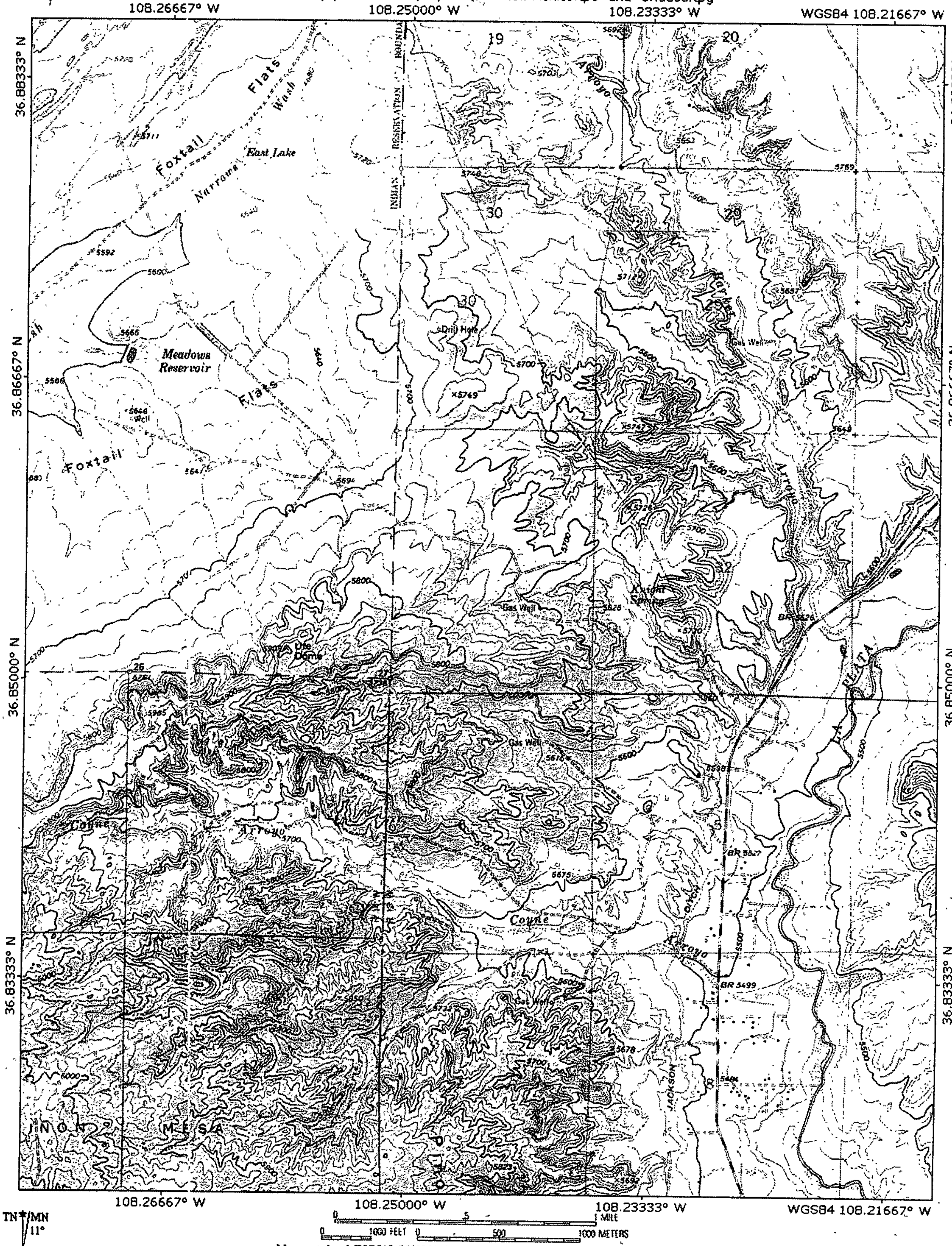
PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-15

LEGAL NOTICE
INTENT TO DISPOSE OF PRODUCE WATER IN THE SUBSURFACE

Robert L. Bayless, Producer LLC is requesting approval to reenter the New Mexico Stribling #1 and complete it as a water disposal well. The well will be renamed the Stribling #1 SWD. The well is located 1565' FSL and 1050' FEL (NE /SE), Section 31, T31N, R13W, San Juan County, New Mexico. The proposed injection zone is the Mesaverde group in the Point Lookout formation at 4005' to 4085'. The proposed average injection rate is 300 BWPD and the proposed maximum injection rate is 500 BWPD. The proposed maximum anticipated injection pressure is 1000 psi. Any questions regarding this notice should be addressed to John Thomas with Robert L. Bayless, Producer LLC at PO Box 168, Farmington NM 87499, or can be discussed by calling (505) 326-2659 during business hours. Interested parties must file objections or request a hearing with the Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, NM 87505 within 15 days.

Legal No. 65714 Published in the Daily Times on January 28, 2011

TOPO! map printed on 08/25/10 from "New Mexico.tpo" and "Untitled.tpg"



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Thursday, June 02, 2011 10:11 AM
To: 'jthomas@rlbayless.com'
Cc: Ezeanyim, Richard, EMNRD; Perrin, Charlie, EMNRD
Subject: Disposal application from Robert L Bayless, Producer, LLC: Stribling #1 30-045-10108 Point Lookout
Attachments: AORStriblingSWD1.xlsx

Hello John:
Just reviewed your application and it looks good – but would request:

a. Wellbore diagram of the Lunt #61 30-045-09998 plugged well in or near the Area of Review.
b. What Sw do you estimate for the proposed disposal interval?
c. What TDS salinity do you estimate for the proposed disposal interval?
d. Your ownership map shows ProManagement Inc as an owner to the Southeast – please send proof these folks were notified.
e. We ask applications to notify the owners of the proposed disposal interval – in this case the Point Lookout. The Dakota was developed prior to the Fruitland and both seem to dominate in this area – is there any depth division of ownership between these two within the ½ mile AOR? If so, does this occur above the Mesaverde or below?
f. Comment; we will start this maximum injection pressure at 800 psi. When you get the Step Rate Test data, send to Terry Warnell of this office for evaluation and with a cover letter and wellbore diagram.

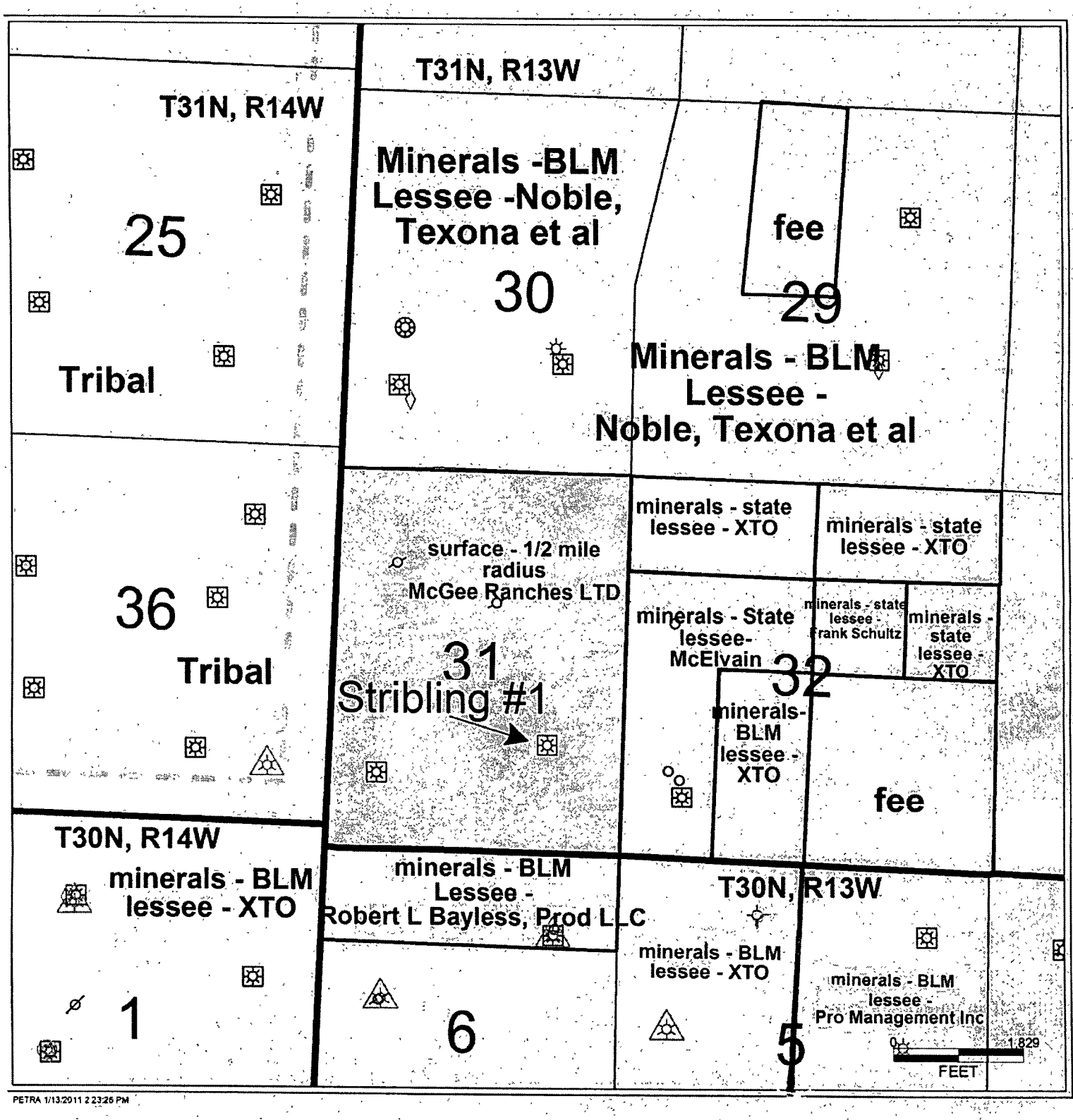
To: Jones, William V., EMNRD
Cc: Ezeanyim, Richard, EMNRD; Perrin, Charlie, EMNRD
Subject: RE: Disposal application from Robert L Bayless, Producer, LLC: Stribling #1 30-045-10108 Point Lookout

Please see answers to the questions below. Let us know if you have any addition concerns. Thank you.

a. Wellbore diagram of the Lunt #61 30-045-09998 plugged well in or near the Area of Review.
   See Attached WBD for Lunt #061
b. What Sw do you estimate for the proposed disposal interval?
   See Attached MesaVerde Water Analysis from an Offset. Attempt will be made to acquire formation water during operations for analysis.
c. What TDS salinity do you estimate for the proposed disposal interval?
   See Attached MesaVerde Water Analysis from ant Offset. Attempt will be made to acquire formation water during operations for analysis.
d. Your ownership map shows ProManagement Inc as an owner to the Southeast – please send proof these folks were notified.
   Attached is corrected map from our land department. We apologize for mistake on previous map. Appropriate owners have all been notified. ProManagement is owner of east ½ of section 5 only (outside of ½ mile area)
e. We ask applications to notify the owners of the proposed disposal interval – in this case the Point Lookout. The Dakota was developed prior to the Fruitland and both seem to dominate in this area – is there any depth division of ownership between these two within the ½ mile AOR? If so, does this occur above the Mesaverde or below? There is no depth division of ownership in the ½ mile AOR
f. Comment; we will start this maximum injection pressure at 800 psi. When you get the Step Rate Test data, send to Terry Warnell of this office for evaluation and with a cover letter and wellbore diagram.

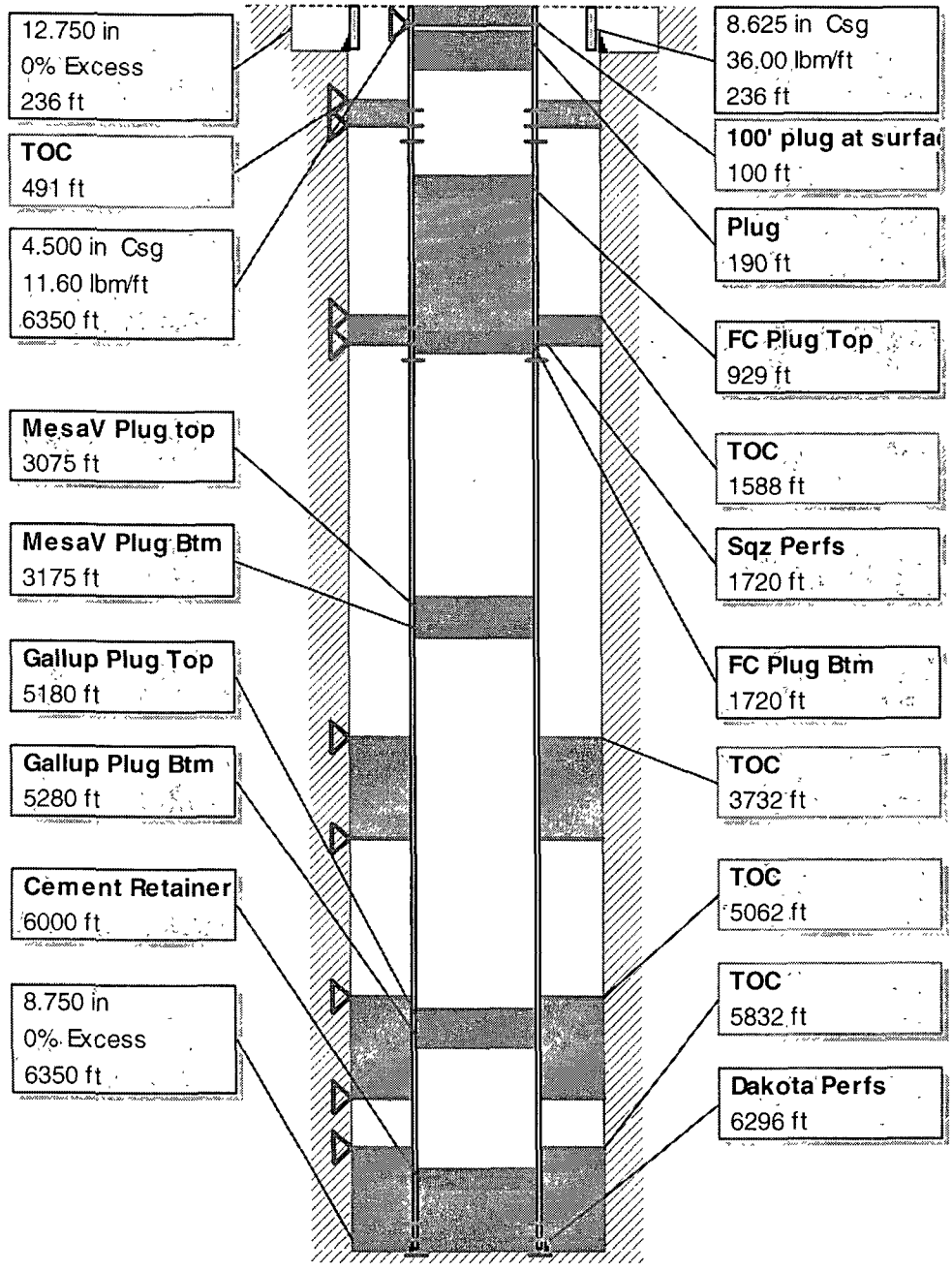
Again, Please let us know if you have any additional questions. Thank you.

JT
John D Thomas - Operations Engineer
Robert L Bayless, Producer LLC
Office: 505-326-2659
Cell: 505-320-5234
jthomas@rlbayless.com



PETRA 1/13/2011 2:23:26 PM

LUNT 061
6-30N-13W
30-045-09998
PA WBD
Created on 6/22/2011 10:11:49 AM
John Thomas



envirotech
Analytical Laboratory

CATION / ANION ANALYSIS

Client:	McElvain Oil & Gas	Project #:	06039-0020
Sample ID:	Miller B1E	Date Reported:	12-22-08
Laboratory Number:	48537	Date Sampled:	12-18-08
Chain of Custody:	5324	Date Received:	12-18-08
Sample Matrix:	Aqueous	Date Extracted:	N/A
Preservative:		Date Analyzed:	12-18/12-19-08
Condition:	Intact		

Parameter	Analytical Result	Units		
pH	7.39	s.u.		
Conductivity @ 25° C	42,400	umhos/cm		
Total Dissolved Solids @ 180C	23,900	mg/L		
Total Dissolved Solids (Calc)	23,615	mg/L		
SAR	263.8	ratio		
Total Alkalinity as CaCO3	636	mg/L		
Total Hardness as CaCO3	225	mg/L		
Bicarbonate as CaCO3	363	mg/L	5.95	meq/L
Carbonate as CaCO3	<0.1	mg/L	0.00	meq/L
Hydroxide as CaCO3	<0.1	mg/L	0.00	meq/L
Nitrate Nitrogen	<0.01	mg/L	0.00	meq/L
Nitrite Nitrogen	<0.01	mg/L	0.00	meq/L
Chloride	14,000	mg/L	394.94	meq/L
Fluoride	0.525	mg/L	0.03	meq/L
Phosphate	0.325	mg/L	0.01	meq/L
Sulfate	10.1	mg/L	0.21	meq/L
Iron	0.006	mg/L	0.00	meq/L
Calcium	40.3	mg/L	2.01	meq/L
Magnesium	30.3	mg/L	2.49	meq/L
Potassium	47.7	mg/L	1.22	meq/L
Sodium	9,100	mg/L	395.85	meq/L
Cations			401.57	meq/L
Anions			401.14	meq/L
Cation/Anion Difference			0.11%	

MVRD
Sample From CASING LEAK

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Miller B1E.

Analyst

Review

5796 US Highway 64, Farmington, NM 87401 | Ph (505)632-0615 Fr (800)362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com

Jones, William V., EMNRD

From: John Thomas [jthomas@rlbayless.com]
Sent: Friday, August 26, 2011 10:51 AM
To: Jones, William V., EMNRD
Cc: Premo, Elizabeth, EMNRD
Subject: RE: Disposal application from Robert L Bayless, Producer, LLC: Stribling #1 30-045-10108 Point Lookout
Attachments: Sw Calculations for Stribling #1.pdf

Will,

Please see the attached is the average water saturation calculations for the proposed injection zone in the Stribling #1 30-045-10108 88% insitu water saturation. The calculations use Rw data from literature and logs from the Stribling #1. Another calculation will be performed if water can be obtained during well completion operations. Please let me know what additional information is needed. Thanks.

JT
John D Thomas - Operations Engineer
Robert L Bayless, Producer LLC
Office: 505-326-2659
Cell: 505-320-5234
jthomas@rlbayless.com

From: Jones, William V., EMNRD [mailto:William.V.Jones@state.nm.us]
Sent: Friday, July 08, 2011 9:38 AM
To: John Thomas
Cc: Premo, Elizabeth, EMNRD
Subject: RE: Disposal application from Robert L Bayless, Producer, LLC: Stribling #1 30-045-10108 Point Lookout

Hello John,
One of the steps in evaluating these applications is to ensure that hydrocarbons are not harmed or waste occur from disposal operations.

In item b. What does the log analysis for this well or any offset well show as the insitu Water Saturation, Gas Saturation, Oil Saturation over the intended Point Lookout disposal interval? This does not have to be for each foot of depth, you can pick major porosity intervals or whatever is logical. Applicants frequently employ a log analysis expert to do an analysis over the intended disposal interval and send a copy of the report in with the application for disposal.

Thanks for sending the other items requested.

Will Jones
New Mexico
Oil Conservation Division
Images Contacts

From: John Thomas [mailto:jthomas@rlbayless.com]
Sent: Thursday, July 07, 2011 9:13 AM

Rw1	0.235849	ohmM	@25 DegC		From water analysis literature							Rmf==	0 85	@101 deg	From Log	
Rwa	0.247721	ohmM	@120 degF		Temperature adjusted											
m=	2.15															
n=	2			S. Com		S. Com		Stribling#1			Rwa from SP	0 242857			#1	
a=	0.62			DEPTH	Short Norm	Phi	Deep Res	DEPTH			curve				SP	
				4100	70	0.13	8	4000							-30	
	Tixier #'s for sandstones			4110	50	0.13	11	4010							-5	
				4120	50	0.11	13	4020							-8	
				4130	70	0.13	15	4030							0	
				4140	50	0.1	22	4040							8	
				4150	50	0.12	14	4050							-18	
				4160	90	0.1	20	4060							-20	
				4170	90	0.12	18	4070							10	
				4180	35	0.1	17	4080							15	
				4190	35	0.08	18	4090							-30	
				4200	50	0.1	22	4100		Basic Archie	From SP Curve				-30	
			Average	4150	58.18	0.11	16 18		Rwa/Rt	0 01530858	0.015008026				-9.818182	Average SP
									Phi^m	0.0121	0.0121					
									a/phi^m	51.23966942	51.23966942					
									a/phi^m x(Rwa/Rt)	0.784406563	0.769006275					
								SW=	Sqrt(a/phi^m x Rwa/Rt)	89%	88%					
		Density log used from Stribling Com #1 (nearest offset) for average Porosity, Corelates well with literature for Point lookout														
		No Density log for Stribling #1														

API	WELL_NAME	OPERATOR	FTG_NS	NS_CD	FTG_EW	EW_CD	OCD_UL	SEC	TspN	TspD	RgeN	RgeD	TOWNSHIP	RANGE	DEPTH	PROPERTY	LND	WEL	Stat	Cement Coverage
3004509998	LUNT 061	R & G DRILLING CO	1120	N	890	E	A	6	30	N	13	W	30.0N	13W	6355	30041	F	G	P	Cmt Prolly OK
3004510108	STRIBLING 001	ROBERT L BAYLESS PRODUCER LLC	1565	S	1050	E	I	31	31	N	13	W	31 0N	13W	6420	33516	F	G	A	Cmt Prolly OK
3004525524	STRIBLING COM 001	ROBERT L BAYLESS PRODUCER LLC	1100	S	650	W	N	31	31	N	13	W	31.0N	13W	6525	33517	F	G	A	Cmt Prolly OK
3004510077	STATE GAS COM BH 001	MCELVAIN OIL AND GAS PROPERTIES INC	900	S	870	W	M	32	31	N	13	W	31 0N	13W	6360	303032	S	G	A	Cmt Prolly OK

Injection Permit Checklist (11/15/2010)

WFX____ PMX____ SWD 1299 Permit Date 8/31/11 UIC Qtr J/A/S

Wells 1 Well Name(s): STRIBLING SWD #1

API Num: 30-0 45-10108 Spud Date: 1962 New/Old: O (UIC primacy March 7, 1982)

Footages 1565 FSL / 1050 FEL Unit I Sec 31 Tsp 31N Rge 13W County SAN JUAN

General Location: NE of Farmington

Operator: Robert L. BAYLESS, PRODUCER LLC Contact John D. THOMAS, ENGR.

OGRID: 150182 RULE 5.9 Compliance (Wells) 0/96 (Finan Assur) OK IS 5.9 OK? OK

Well File Reviewed ✓ Current Status: OLD DKTA well

Planned Work to Well: PLUG BACK, Pull old 4 1/2, Run New, CMT, Perf, Inj

Diagrams: Before Conversion ✓ After Conversion ✓ Elogs in Imaging File: ✓

Well Details:	Sizes Hole	Pipe	Setting Depths	Stage Tool	Cement Sx or Cf	Determination Method
New __Existing ✓ Surface	12 1/4	8 5/8	190/188	—	130	CIRC (Calc)
New__Existing __Interm						
OLD → New__Existing ✓ LongSt	7 7/8	4 1/2	6420'	5716	~~590 SX~~ 4500'	~~CIRC (CALC)~~
New ✓ Existing __ Liner		4 1/2	4500		590 SX	CIRC Calc
New__Existing __ OpenHole						

Depths/Formations:	Depths, Ft.	Formation	Tops?
Formation(s) Above	4005	PLO	✓
Injection TOP:	4005	PLO	Max. PSI 800 OpenHole____ Perfs ✓
Injection BOTTOM:	4085	PLO	Tubing Size 2 3/8 Packer Depth ~~4000~~ 3,950'
Formation(s) Below	5332	Gallup	✓

SRT ? Future

Capitan Reef? ____(Potash?____Noticed?_____) [WIPP?____Noticed?_____] Salado Top/Bot ____________ Cliff House?_____

Fresh Water: Depths: 55' or animas FM. <190' Formation ________ Wells? _______ Analysis? ____ Affirmative Statement ✓

Disposal Fluid Analysis? ✓ Sources: FRC / DKTA = all Prod. intervals in area

Disposal Interval: Analysis? ____ Production Potential/Testing: Get During Conversion ?

Notice: Newspaper Date 1/28/11 Surface Owner McGee Ranches LTD Mineral Owner(s) ?

RULE 26.7(A) Affected Persons: XTO / McELVAIN / Pro Management INC ?

AOR: Maps? ✓ Well List? X Producing in Interval? No Wellbore Diagrams? No ?

.......Active Wells 3 Repairs? 0 WhichWells? —

....P&A Wells 1 Repairs? 0 Which Wells? —

Issues: ~~SWAB Test~~ ~~Losses to Production~~ Request Sent ________ Reply: ________