

ABOVE THIS LINE FOR DIVISION USE ONLY

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



**ADMINISTRATIVE APPLICATION CHECKLIST**

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

**Application Acronyms:**

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

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
- [A] Location - Spacing Unit - Simultaneous Dedication  
 NSL  NSP  SD
- Check One Only for [B] or [C]
- [B] Commingling - Storage - Measurement  
 DHC  CTB  PLC  PC  OLS  OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
 WFX  PMX  SWD  IPI  EOR  PPR
- [D] Other: Specify \_\_\_\_\_
- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply
- [A]  Working, Royalty or Overriding Royalty Interest Owners
- [B]  Offset Operators, Leaseholders or Surface Owner
- [C]  Application is One Which Requires Published Legal Notice
- [D]  Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E]  For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F]  Waivers are Attached

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

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

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

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



COLEMAN OIL & GAS, INC.

Monday, October 30, 2006

Mr. William Jones  
New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, NM 87505

Re: Juniper West SWD #1 API No. 30-045-33771

RECEIVED

NOV 13 2006

Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, NM 87505

Dear Mr. Jones:

Sorry it has taken me so long to get back to you concerning the Juniper West SWD #1 (Section 24, T24N, R11W). We have had several rigs running and haven't had the time to review the information you had requested. After reviewing the file and field information hopefully the information below will answer your questions.

- 1) The footages listed in the various pages of the application and on the well diagrams were confusing. What is the estimated top and bottom injection perforation in the Menefee and estimated top and bottom injection perforation in the Point lookout? The included "Operation Plan sent to the BLM has tops and bottoms of all formations. Is that still considered to be accurate?**

Coleman Oil & Gas intends to open hole log the Juniper SWD #1 however we were not planning to spud the well until an approval to dispose of Fruitland Coal produced water has been granted. After the well has been logged a more defined interval for both formations can be reviewed with our Geologist and Mr. Steve Hayden with the Aztec District Office. After review with Mr. Hayden, Coleman Oil & Gas, Inc would submit to your office the exact interval we wish to perforate prior to completing the well. It is our intention to perforate the Menefee below the Menefee Coal in order to use it as an upper barrier similar to the disposal well in Section 17, Township 24N and Range 10W (Juniper SWD #4 API #30-045-32783). As far as the Formation Tops listed in the Operation Plan these are guide lines while drilling the well and are estimates only.

- 2) In the ½ mile Area of Review: The wells shown in the AOR appear to have been copied from a previous application. Looks like this well is more than ½ mile from other wells penetrating the Mesaverde? Send another AOR table if there are any wells penetrating any of the**

***Mesaverde members. If not, send data on the nearest wells that does penetrate the Mesaverde and the distance to that well.***

You are correct in your assumption that the wells listed in the area of review were used from the Juniper SWD #4 C-108 application due to the fact that I could not locate any wells that had penetrated the Mesaverde members within the ½ mile area of review. The first time I reviewed the well files on the OCD and Go-Tech web sites the wells indicated were the closest ones that I could locate that had penetrated the Mesaverde Members. There are several wells permitted at depths above the Mesaverde however, they were not listed due to my interpretation of the requirements were to list those wells that had penetrated Mesaverde Members only. Coleman updated a list of all wells permitted and drilled within a two mile radius and will resubmit it to you VIA US Mail.

- 3) ***From your map it appears that more than COG and Dugan are Lessees in the AOR. Send proof of notice to all AOR lessees (maybe EOG, Rosetta Resources, Well Fleet, etc??***

When the regulations were reviewed by our Landman Bryan Lewis, it was interpreted that the area of review only included those leases that had ongoing production operations. Coleman Oil & Gas, Inc will update information and send copies to respective parties.

- 4) ***Are there any windmills or houses within a mile of this well?***

After review of State Engineers Webpage, US Geological Huerfano Topographic Map and visually, no windmills or permitted water wells were located within a mile from this proposed location. There is one house and it is according to my GPS 0.6 mile from the center stake, the rest are outside of the mile radius (see attached GPS Topographic plat).

- 5) ***Has your Geologist talked this over with Steve Hayden and have you sent him a copy of this application?***

Prior to submitting the application a copy of the application was sent to our Geologist, Alan Emmendorfer for his review. A copy of the application was sent to the Aztec District Office at the same time that it was submitted to your office. I do not believe that they have communicated on this particular well. Prior to having Bryan Lewis reach you by phone I had spoke with Steve and he wasn't sure on the timing of the approval of the C-108 for this well. As far as I know, that is the limit of the communication. I recently spoke with Alan and he indicated if he needed to he would be more than happy to give Steve a call. I questioned him on the exact intervals and he mentioned that the Menefee Coal varies in this area and the exact intervals would be picked from the logs depending on where the Menefee Coal came in at.

If you need any additional information or have any questions or concerns regarding the following information please feel free to contact me. I apologize for not responding to your email earlier but can not find record of receiving it. From the date of the copy of the email given to me I was on vacation and not sure why it did not get through.

I will send a copy of this email VIA US Mail as well as corrections and additional information that you requested.

Sincerely,

A handwritten signature in black ink that reads "Michael T. Hanson" with a stylized flourish at the end.

Michael T. Hanson  
Operations Engineer  
(505) 327-0356  
[cogmhanson@sprynet.com](mailto:cogmhanson@sprynet.com)

cc: Well File  
OCD Aztec District III



2006 NOV 16 PM 1 05  
COLEMAN OIL & GAS, INC.

Friday, November 03, 2006

Mr. William Jones  
New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, NM 87505

Dear Mr. Jones:

Enclosed is the Revised application for authorization to inject into the Juniper West SWD #1 (Section 24, T24N, R11W) which is operated by Coleman Oil & Gas, Inc. The following application and information is arranged in the order specified by form C-108.

If you have any questions or concerns regarding the following information please feel free to contact me.

Sincerely,

Michael T. Hanson  
Operations Engineer  
(505) 327-0356  
[cogmhanson@sprynet.com](mailto:cogmhanson@sprynet.com)

cc: Well File  
OCD Aztec District III

**APPLICATION FOR AUTHORIZATION TO INJECT**

- I. PURPOSE: \_\_\_\_\_ Secondary Recovery \_\_\_\_\_ Pressure Maintenance  X  Disposal \_\_\_\_\_ Storage  
Application qualifies for administrative approval? \_\_\_\_\_ Yes \_\_\_\_\_ No
- II. OPERATOR:  Coleman Oil & Gas, Inc.   
ADDRESS:  P.O. Drawer 3337, Farmington NM 87499   
CONTACT PARTY:  Michael Hanson  PHONE:  (505) 327 - 0356
- 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:
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:  Michael T. Hanson  TITLE:  Operations Engineer   
SIGNATURE:  Michael T. Hanson  DATE:  June 29, 2006   
E-MAIL ADDRESS:  cogmhanson@sprynet.com and mhanson@cog-fmn.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: \_\_\_\_\_

NOV 16 PM 1

### 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.**

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drift-stem, tests, including depth interval tested, cushion used, flow and shut-in pressures, and recoveries):

38. GEOLOGIC MAP

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEP.
				Ojo Alamo	320'
				Kirtland	465'
				Fruitland	897'
				Pictured Cliffs	1200'
				Lewis	1345'
				Chacra	1526'
				Cliff House	1932'
				Menefee	2100'
				Lower Cliff House	2273'
				Lower Menefee	2472'
				Point Lookout	3615'
				Mancos	3820'
				Gallup	4460'

**APPLICATION FOR AUTHORIZATION TO INJECT  
FORM C-108 SUPPLEMENTAL DATA**

**Juniper West SWD #1  
Section 24, T24N & R11W  
700 FSL & 1715 FWL**

- V. See attached map showing area of review and attached list of wells. See attachments 1, 1A and 1B,
- VI. There are no wells within the area of review that have penetrated the requested injection zones at this time. There is one well permitted as a Fruitland Coal Well by Coleman Oil & Gas, Inc. within the area of review. Coleman Oil & Gas, Inc upon final permitting approvals should have four Fruitland Coal Wells in Section #24 of Township 24N and Range 11W. The wells within the two mile radius are listed in tabular form on attachments 2A and 2B. Wells listed on 2A are the wells within the two mile radius with the lone well inside area of review shaded in gray. Those listed in 2B are the wells within the two mile radius that penetrated at least one of the Mesa Verde Members.
- VII. Data on proposed injection operations are as follows:
1. Average Injection Rate – 3000 bwpd (2.08 bbl/min)  
Maximum Injection Rate – 4000 bwpd (2.78 bbl/min)
  2. Closed system. Water will be piped from the producing wells into tanks on location.
  3. Primary - Point Lookout Formation  
Average injection pressure – 670 psig  
Maximum injection pressure – 1880 psig  
Secondary - Menefee Formation  
Average injection pressure – 490 psig  
Maximum injection pressure – 1375 psig  
The pressures listed above are estimated. The maximum injection pressure will be determined by a step-rate test after the well is completed.
  4. Produced Fruitland Coal Water with TDS of approximately 11,000 to 14,000 ppm will be injected into the Mesa Verde in the Juniper West SWD #1 well. A representative analysis of the Fruitland Coal water that is to be injected is attached.
  5. Chemical analysis of the water in the Mesa Verde zone will be submitted after the well has been completed.
- VIII. Geological & Lithological data on the Injection Zone.

1. The proposed zone of injection is in the Mesa Verde Formation. The Mesa Verde formation is estimated to be from 1360' – 3565' (based on the offset Juniper SWD#4). The primary target is the Point Lookout Member from 3360'– 3565' and a secondary target is the Menefee Member from 2310' – 3360'. See attached copy of open hole logs showing the Mesa Verde Formation in the Juniper SWD #4 (Section 17, T24N, R10W).
  2. Lithology – Mesa Verde Formation which contains the Point Lookout, Menefee and Cliff House Formations are primarily a sandstone/shale sequence with porosities ranging from 6 to 20 percent. The permeability values range from 0.5 to 2.0 millidarcy.
  3. Other than the aquifers that are contained in the surface alluvium, there are no known drinking water aquifers in the area of review.
- IX. It is planned to perforate the Point Lookout and the Menefee formation and slick water frac these zones with approximately 100,000 pounds of 20/40 sand in each formation. After completion a step-rate test will be performed to determine the maximum allowable surface injection pressure.
- X. Open-hole resistivity and porosity logs will be run on the Juniper West SWD #1 when it is drilled.
- XI. According to the *Hydrologic Report #6* published by the New Mexico Bureau of Mines and Minerals Resources, there are no known sources of potable water in the immediate area of the well.
- XII. At the present time, geological studies of the area do not indicate fault communication between the proposed injection zone and any underground potential sources of drinking water.
- XIII. Proof of publication is attached. The Bureau of Land Management owns the surface land where the Juniper West SWD #1 will be drilled. North American Petroleum Corporation USA (NAPCUS), Well Fleet, Rosetta Resources Inc., EOG Resources Inc. and Coleman Oil & Gas, Inc. own the lease holder interests within the one-half mile area of review of the proposed disposal well.
- XIV. Certification is signed.

INJECTION WELL DATA SHEET

OPERATOR: Coleman Oil & Gas, Inc.

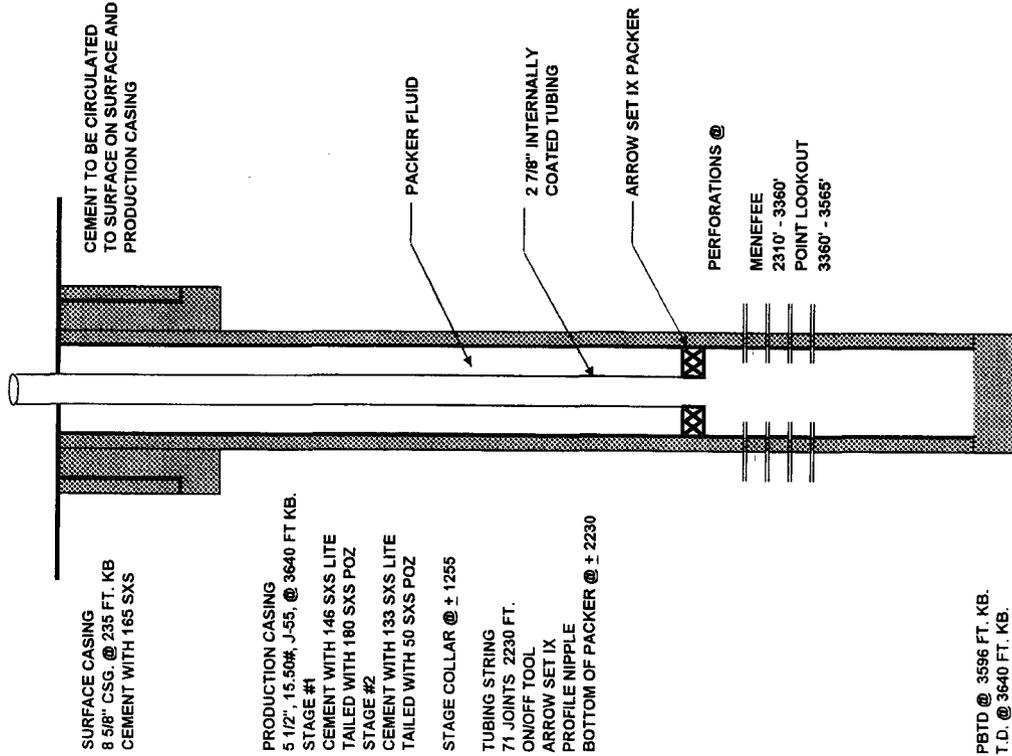
WELL NAME & NUMBER: Juniper West SWD #1

WELL LOCATION: 700 FNL and 1715 FWL  
FOOTAGE LOCATION

N UNIT LETTER      24 SECTION      24N TOWNSHIP      11W RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA  
Surface Casing



SURFACE CASING  
8 5/8" CSG. @ 235 FT. KB  
CEMENT WITH 165 SXS

PRODUCTION CASING  
5 1/2", 15.50#, J-55, @ 3640 FT KB.  
STAGE #1  
CEMENT WITH 146 SXS LITE  
TAILED WITH 180 SXS POZ  
STAGE #2  
CEMENT WITH 133 SXS LITE  
TAILED WITH 50 SXS POZ  
STAGE COLLAR @ ± 1255

TUBING STRING  
71 JOINTS 2230 FT.  
ON/OFF TOOL  
ARROW SET IX  
PROFILE NIPPLE  
BOTTOM OF PACKER @ ± 2230

PBTD @ 3596 FT. KB.  
T.D. @ 3640 FT. KB.

Hole Size: 12 1/4" Casing Size: 8 5/8"  
Cemented with: 165 sx. or 195 ft<sup>3</sup>

Top of Cement: Surface Method Determined: Observed  
Intermediate Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_  
Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_  
Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2"  
Cemented with: 146, 180, 133, 50 sx. or 381, 227, 347, 63 ft<sup>3</sup>

Top of Cement: Surface Method Determined: Observed  
Total Depth: 3640 Ft.

Menefee and Point Lookout  
2310 feet to 3565 feet  
Injection Interval

(Perforated or Open Hole; indicate which) Perforated

**SURFACE CASING**  
8 5/8" CSG. @ 235 FT. KB  
CEMENT WITH 165 SXS

**CEMENT TO BE CIRCULATED  
TO SURFACE ON SURFACE AND  
PRODUCTION CASING**

**PRODUCTION CASING**  
5 1/2", 15.50#, J-55, @ 3640 FT KB.  
STAGE #1  
CEMENT WITH 146 SXS LITE  
TAILED WITH 180 SXS POZ  
STAGE #2  
CEMENT WITH 133 SXS LITE  
TAILED WITH 50 SXS POZ

**STAGE COLLAR @ ± 1255**

**TUBING STRING**  
71 JOINTS 2230 FT.  
ON/OFF TOOL  
ARROW SET IX  
PROFILE NIPPLE  
BOTTOM OF PACKER @ ± 2230

PACKER FLUID

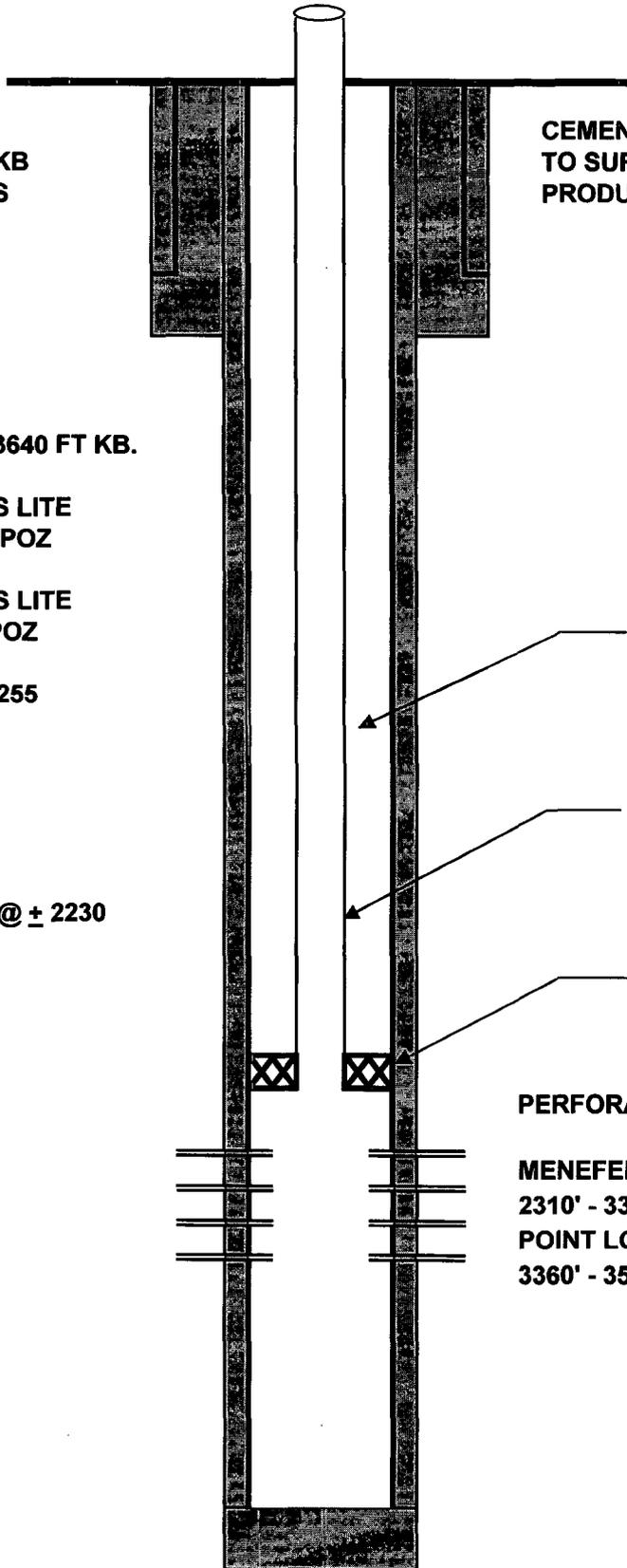
2 7/8" INTERNALLY  
COATED TUBING

ARROW SET IX PACKER

**PERFORATIONS @**

**MENEFEE**  
2310' - 3360'  
**POINT LOOKOUT**  
3360' - 3565'

**PBTD @ 3596 FT. KB.**  
**T.D. @ 3640 FT. KB.**



**INJECTION WELL DATA SHEET**

Tubing Size: 2 7/8" Lining Material: Internally Coated

Type of Packer: Arrow I with on/off tool and "F" type Profile Nipple

Packer Setting Depth: 2230 Ft. KB

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

Additional Data

1. Is this a new well drilled for injection? X Yes      No  
If no, for what purpose was the well originally drilled? \_\_\_\_\_  
\_\_\_\_\_
2. Name of the Injection Formation: Mesa Verde (Menefee and Point Lookout)
3. Name of Field or Pool (if applicable): SWD; Mesa Verde Blanco
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. No  
\_\_\_\_\_
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:  
Overlying Fruitland Coal- 920', Pictured Cliffs 955'  
Underlying Gallup 4676', Dakota 5665'  
\_\_\_\_\_

**Coleman Oil & Gas, Inc.  
Juniper West SWD #1**

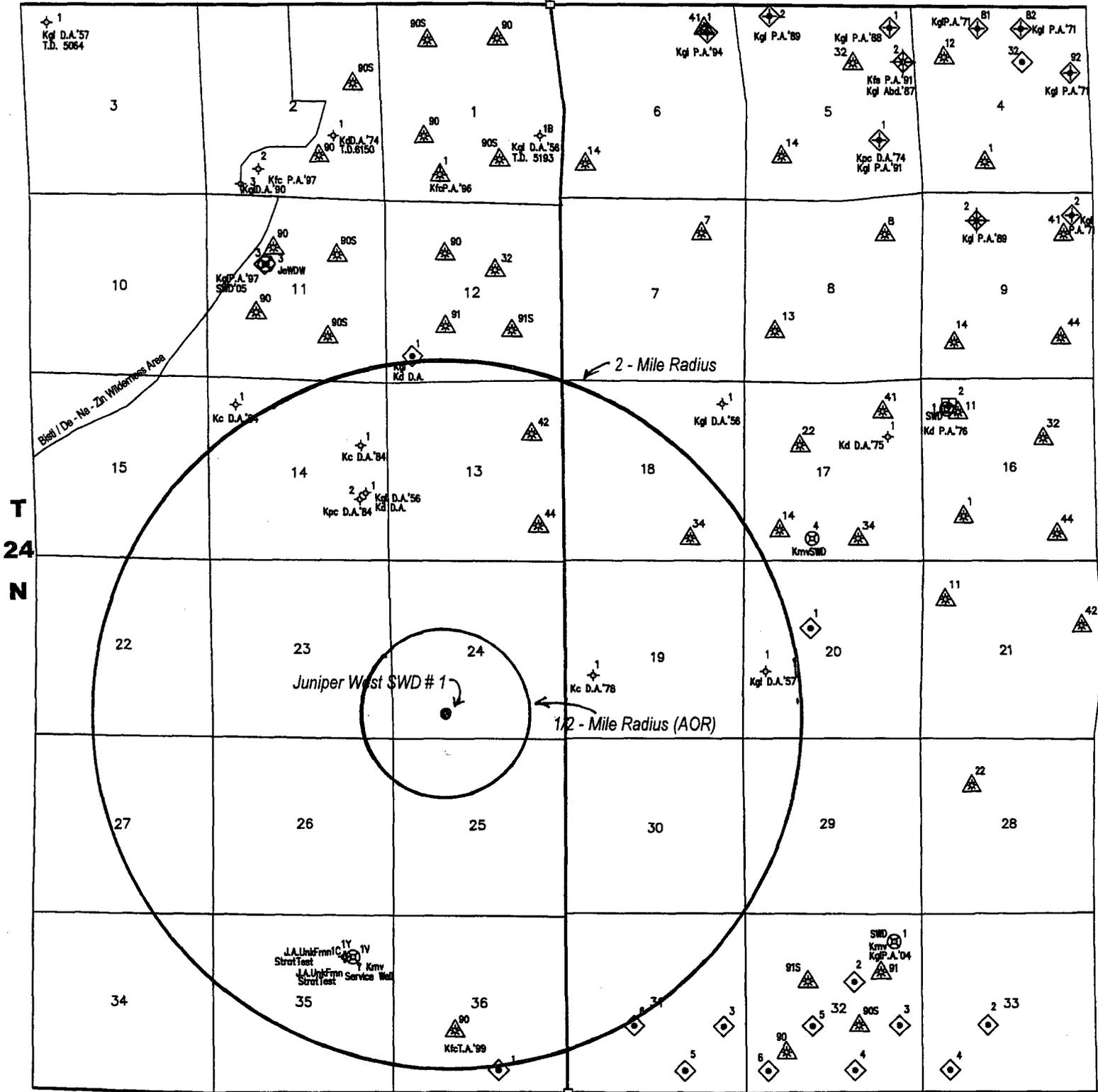
**List of Attachments**

<b>Plat Map with ½ mile Area of Review</b>	<b>Attachment #1</b>
<b>Offset wells</b>	<b>Attachment #2</b>
<b>Offset Wells Wellbore Diagrams and Information</b>	<b>Attachment #3</b>
<b>Juniper West SWD #1 Facility Diagram</b>	<b>Attachment #4</b>
<b>Sample Fruitland Coal Water Analysis</b>	<b>Attachment #5</b>
<b>Offset Logs (Juniper SWD #4)</b>	<b>Attachment #6</b>
<b>Juniper West SWD #1 APD and General Information</b>	<b>Attachment #7</b>
<b>Notice to the Surface Owner and Mineral Owners</b>	<b>Attachment #8</b>
<b>Public Notice (Farmington Daily Times)</b>	<b>Attachment #9</b>

**ATTACHMENT #1**

R - 11 - W

R - 10 - W



PRODUCING INTERVAL

- FRUITLAND SAND Kfs
- FRUITLAND COAL Kfc
- PICTURED CLIFFS Kpc
- CHACRA Kc
- MESAVERDE Kmv
- GALLUP Kgl
- DAKOTA Kd
- ALL PRODUCTION BELOW CRETACEOUS Je ENTRADA

**COLEMAN OIL & GAS, INC.**  
 Juniper West SWD # 1  
 Sec 24 - T24N - R11W  
 700' FSL and 1715' FWL  
 San Juan County, New Mexico  
 Salt Water Disposal Application

**HOPKINS MAP SERVICE**

P. O. BOX 536

FARMINGTON, N.M. 87499

SAN JUAN BASIN DEVELOPMENT MAP

**W/2 T24N / 10W**  
**E/2 T24N / 11W**

SAN JUAN COUNTY, NEW MEXICO

POSTED TO: 9-15-2006

SCALE: 1"=4000'

© COPYRIGHT 1988 thru 2006  
BY: JAMES L. HOPKINS  
ALL RIGHTS RESERVED

NOTE: BASE MAP CONSTRUCTED FROM  
U.S.G.S. 7.5 MINUTE SERIES  
(TOPOGRAPHIC) QUADRANGLES  
AND G.L.O. TOWNSHIP PLATS, IN 1984.

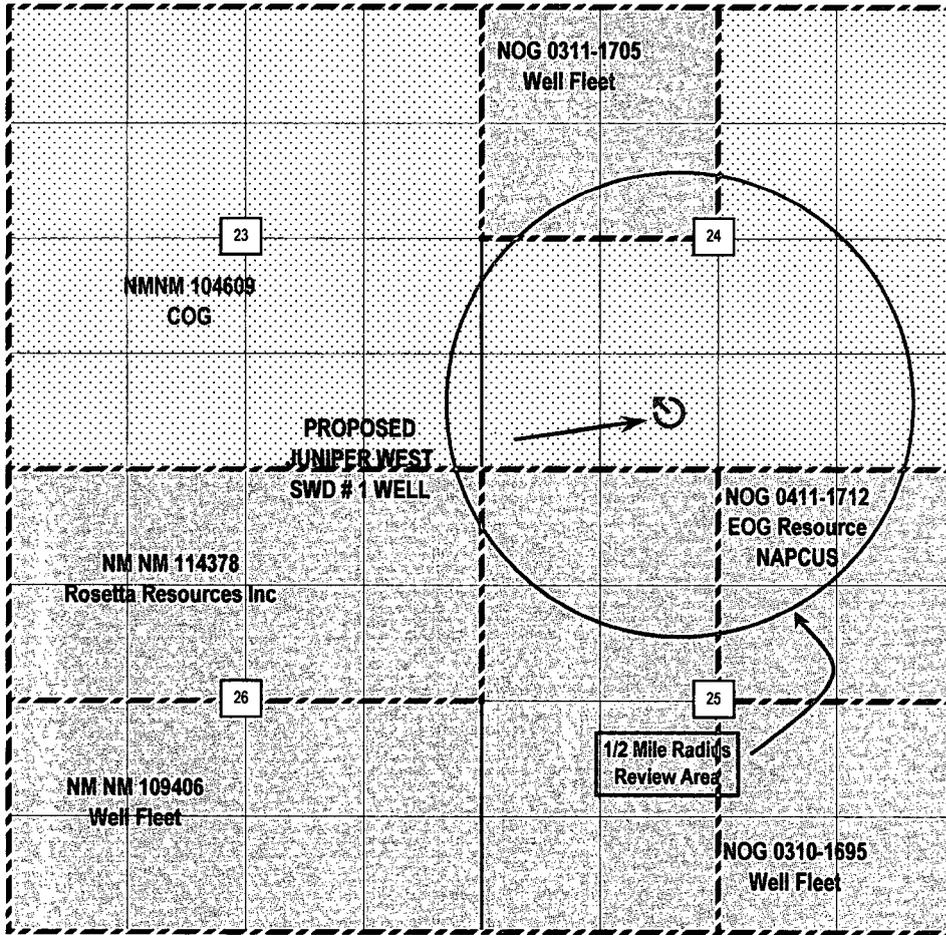
**ATTACHMENT 1 A**

**Lease Owner Map**

**TOWNSHIP 24 NORTH, RANGE 11 WEST**

**SAN JUAN COUNTY, NEW MEXICO**

**OFFSET OPERATOR / LESSEE**



**COLEMAN OIL & GAS, INC.**  
**Juniper West SWD # 1**  
**Sec 24 - T24N - R11W**  
**700' FSL and 1715' FWL**  
**San Juan County, New Mexico**

**Salt Water Disposal Application**

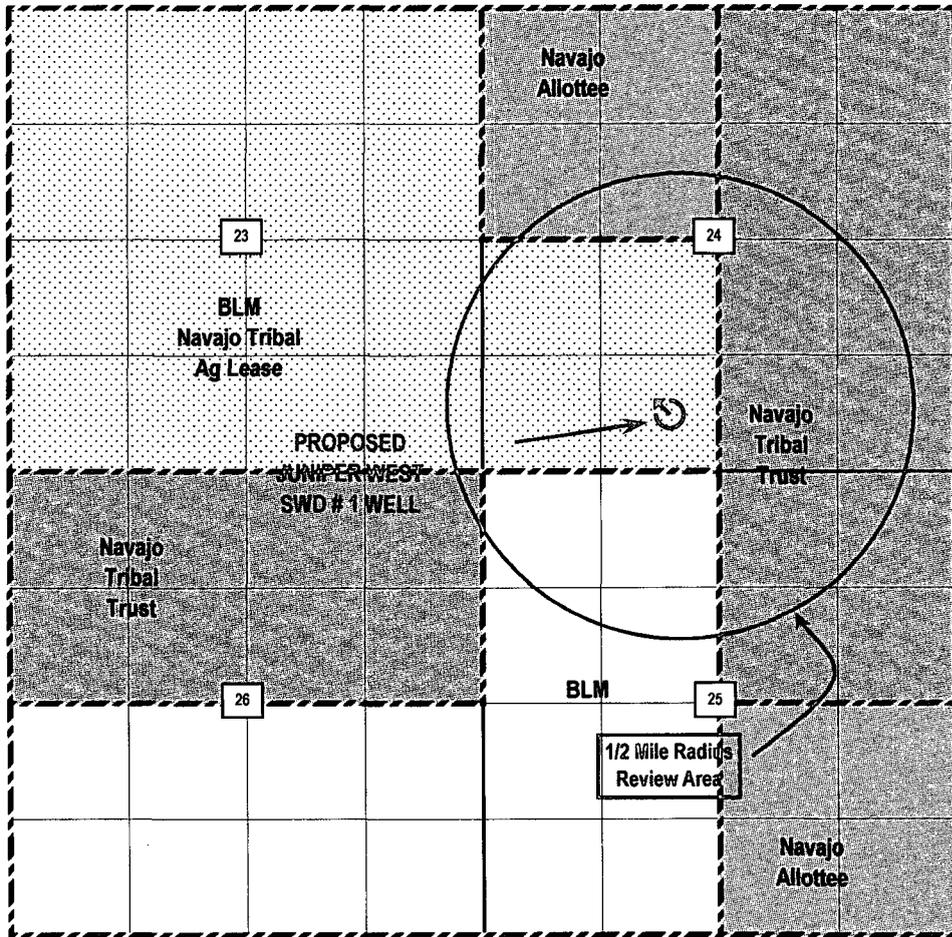
**ATTACHMENT 1 B**

**Surface Owner Map**

**TOWNSHIP 24 NORTH, RANGE 11 WEST**

**SAN JUAN COUNTY, NEW MEXICO**

**SURFACE OWNERSHIP**



**COLEMAN OIL & GAS, INC.**  
**Juniper West SWD # 1**  
**Sec 24 - T24N - R11W**  
**700' FSL and 1715' FWL**  
**San Juan County, New Mexico**  
  
**Salt Water Disposal Application**

## ATTACHMENT #2

**Attachment 2 A**

**TABULATION OF DATA ON OFFSET WELLS**

**Coleman Oil & Gas, Inc. - Juniper West SWD # 1; Section 24 - T24N - R11W**

*Wells within the 1/2 mile area of review (AOR) are shaded in gray. No wells within the AOR penetrated the proposed injection zone.*

OPERATOR NAME	WELL NAME	WELL NUM	TWP	RGE	SEC	UNIT LET	FOOTAGE N/S	FOOTAGE E/W	STATUS	POOL NAME	APPROX DISTANCE FROM PROPOSED	TOTAL DEPTH
Coleman Oil & Gas, Inc.	Juniper Com 17	14	24N	10W	17	M	0900 S	1050 W	CO	Basin Fruitland Coal	11,311	1345
Coleman Oil & Gas, Inc.	Juniper SWD	4	24N	10W	17	N	0660 S	2015 W	CO	SWD; Mesaverde	12,058	3939
Coleman Oil & Gas, Inc.	Juniper Com 18	22	24N	10W	18	F	1890 N	1570 W	CO	Basin Fruitland Coal	9,481	1300
Coleman Oil & Gas, Inc.	Juniper Com 18	24	24N	10W	18	N	0950 S	1500 W	CO	Basin Fruitland Coal	7,499	1265
Coleman Oil & Gas, Inc.	Juniper 18	34	24N	10W	18	O	0660 S	1600 E	CO	Basin Fruitland Coal	8,941	1328
Dugan Production Corporation	Zoe	91	24N	10W	19	A	0790 N	0970 E	PE	Basin Fruitland Coal	8,740	1335
Dugan Production Corporation	Zoe	90 S	24N	10W	19	C	0660 N	1600 W	PE	Basin Fruitland Coal	6,484	1270
Dugan Production Corporation	Zoe	91 S	24N	10W	19	I	1350 S	0990 E	PE	Basin Fruitland Coal	7,882	1260
Dugan Production Corporation	Zoe	90	24N	10W	19	K	1350 S	1600 W	PE	Basin Fruitland Coal	5,206	1200
Benson Mineral Group, Inc.	Federal 19-24-10	1	24N	10W	19	L	1840 S	0800 W	PA	WC D3; Chacra	4,511	1850
Dugan Production Corporation	Biff	90 S	24N	10W	20	C	0800 N	1600 W	PE	Basin Fruitland Coal	11,108	1390
Dugan Production Corporation	Target	1	24N	10W	20	F	1980 N	1980 W	CO	Bisti Lower Gallup	11,133	4930
Dugan Production Corporation	Biff	90	24N	10W	20	K	1650 S	1550 W	PE	Basin Fruitland Coal	10,800	1325
Paul Case	Case	1	24N	10W	20	L	1980 S	0660 W	PA	WC D3; Gallup	9,591	4900
Dugan Production Corporation	Homer Com	90 S	24N	10W	29	C	1150 N	1850 W	PE	Basin Fruitland Coal	10,854	1250
Dugan Production Corporation	Homer Com	91	24N	10W	29	H	1450 N	0660 E	PE	Basin Fruitland Coal	13,636	1300
Dugan Production Corporation	Homer Com	90	24N	10W	29	K	1450 S	1850 W	PE	Basin Fruitland Coal	11,615	1220
Dugan Production Corporation	Frazzle Com	91	24N	10W	30	A	0990 N	0900 E	PE	Basin Fruitland Coal	8,133	1200
Dugan Production Corporation	Frazzle Com	90 S	24N	10W	30	C	0900 N	1600 W	PE	Basin Fruitland Coal	5,407	1120
Dugan Production Corporation	Frazzle SWD	1	24N	10W	30	C	0795 N	2180 W	PE	Entrada SWD	5,936	6875
Dugan Production Corporation	Frazzle Com	91 S	24N	10W	30	I	1865 S	0660 E	PE	Basin Fruitland Coal	9,161	1125
Dugan Production Corporation	Frazzle Com	90	24N	10W	30	K	1995 S	1815 W	PE	Basin Fruitland Coal	7,060	1100
Dugan Production Corporation	Gold Medal	6	24N	10W	31	K	1980 S	1980 W	CO	South Bisti Gallup	10,810	4720
Dugan Production Corporation	Herry Monster	90 S	24N	11W	11	O	1310 S	1725 E	PE	Basin Fruitland Coal	14,185	1335
Dugan Production Corporation	Herry Monster	1	24N	11W	12	M	0790 S	0790 W	PE	South Bisti Gallup	10,690	5906
Coleman Oil & Gas, Inc.	Juniper West Com 13	21	24N	11W	13	C	0665 N	1600 W	PE	Basin Fruitland Coal	9,196	1350
Coleman Oil & Gas, Inc.	Juniper West Com 13	42	24N	11W	13	H	1550 N	0900 E	CO	Basin Fruitland Coal	8,727	1265
Coleman Oil & Gas, Inc.	Juniper West Com 13	14	24N	11W	13	M	1200 S	1250 W	PE	Basin Fruitland Coal	5,799	1260
Coleman Oil & Gas, Inc.	Juniper West Com 13	44	24N	11W	13	P	1050 S	0750 E	CO	Basin Fruitland Coal	6,295	1225

## Attachment 2 A

### TABULATION OF DATA ON OFFSET WELLS

Coleman Oil & Gas, Inc. - Juniper West SWD # 1; Section 24 - T24N - R11W

Wells within the 1/2 mile area of review (AOR) are shaded in gray. No wells within the AOR penetrated the proposed injection zone.

OPERATOR NAME	WELL NAME	WELL NUM	TWP	RGE	SEC	UNIT LET	FOOTAGE N / S	FOOTAGE E / W	STATUS	POOL NAME	APPROX DISTANCE FROM PROPOSED	TOTAL DEPTH
Dugan Production Corporation	Oscar The Grouch	1	24N	11W	14	D	0790 N	0790 W	PA	WC D3; Chacra	10,989	1815
Dugan Production Corporation	Mean Betty Jean	1	24N	11W	14	H	1850 N	0790 E	PA	WC D3; Chacra	8,393	1780
Tenneco Oil Co	Grover	2	24N	11W	14	I	1790 S	0850 E	PA	WC D3; Pictured Cliffs	6,867	1280
Phillips Petroleum Co	Gallegos	1	24N	11W	14	I	1980 S	0660 E	PA	WC D3; Gallup	6,977	4838
Coleman Oil & Gas, Inc.	Juniper West Com 24	22	24N	11W	24	F	1850 N	1605 W	PE	Basin Fruitland Coal	3,361	1215
Coleman Oil & Gas, Inc.	Juniper West SWD	1	24N	11W	24	N	0700 S	1715 W	PE	SWD; Mesaverde	0	3640
Coleman Oil & Gas, Inc.	Juniper West Com 24	24	24N	11W	24	N	0670 S	1810 W	PE	Basin Fruitland Coal	100	1150
Northstar Oil & Gas Corp	Federal Strat Test C	1 Y	24N	11W	35	B	1214 N	1443 E	PA	Mancos	7,857	2110
Northstar Oil & Gas Corp	Federal Strat Test C	1 C	24N	11W	35	B	1214 N	1478 E	PA	Strat Test Mancos	7,871	1981
Dugan Production Corporation	Road Runner	90	24N	11W	36	K	1850 S	1850 W	TA	Basin Fruitland Coal	9,411	1030
Dugan Production Corporation	Road Runner	1	24N	11W	36	O	0660 S	1980 E	CO	South Bisti Gallup	10,718	4700

## Attachment 2 B

### TABULATION OF DATA ON CLOSEST WELLS PENETRATING THE MESA VERDE FORMATION

Coleman Oil & Gas, Inc. - Juniper West SWD # 1; Section 24 - T24N - R11W

*These are the wells that penetrated the proposed injection zone appearing in order of distance away from proposed well. They may be duplicated on table of wells within 2 miles.*

OPERATOR NAME	WELL NAME	WELL NUM	TWP	RGE	SEC	UNIT LET	FOOTAGE N/S	FOOTAGE E/W	STATUS	POOL NAME	APPROX DISTANCE FROM PROPOSED	TOTAL DEPTH
Benson Mineral Group, Inc.	Federal 19-24-10	1	24N	10W	19	L	1840 S	0800 W	PA	WC D3; Chacra	4,511	1850
Phillips Petroleum Co	Gallegos	1	24N	11W	14	I	1980 S	0660 E	PA	WC D3; Gallup	6,977	4838
Dugan Production Corporation	Mean Betty Jean	1	24N	11W	14	H	1850 N	0790 E	PA	WC D3; Chacra	8,393	1780
Paul Case	Case	1	24N	10W	20	L	1980 S	0660 W	PA	WC D3; Gallup	9,591	4900
Dugan Production Corporation	Road Runner	1	24N	11W	36	O	0660 S	1980 E	CO	South Bisti Gallup	10,718	4700
Dugan Production Corporation	Oscar The Grouch	1	24N	11W	14	D	0790 N	0790 W	PA	WC D3; Chacra	10,989	1815
Dugan Production Corporation	Target	1	24N	10W	20	F	1980 N	1980 W	CO	Bisti Lower Gallup	11,133	4930
Coleman Oil & Gas, Inc.	Juniper SWD	4	24N	10W	17	N	0660 S	2015 W	CO	SWD; Mesaverde	12,058	3939

## **ATTACHMENT #3**

**BENSON MINERAL GROUP, INC.  
FEDERAL 19-24-10 #1**

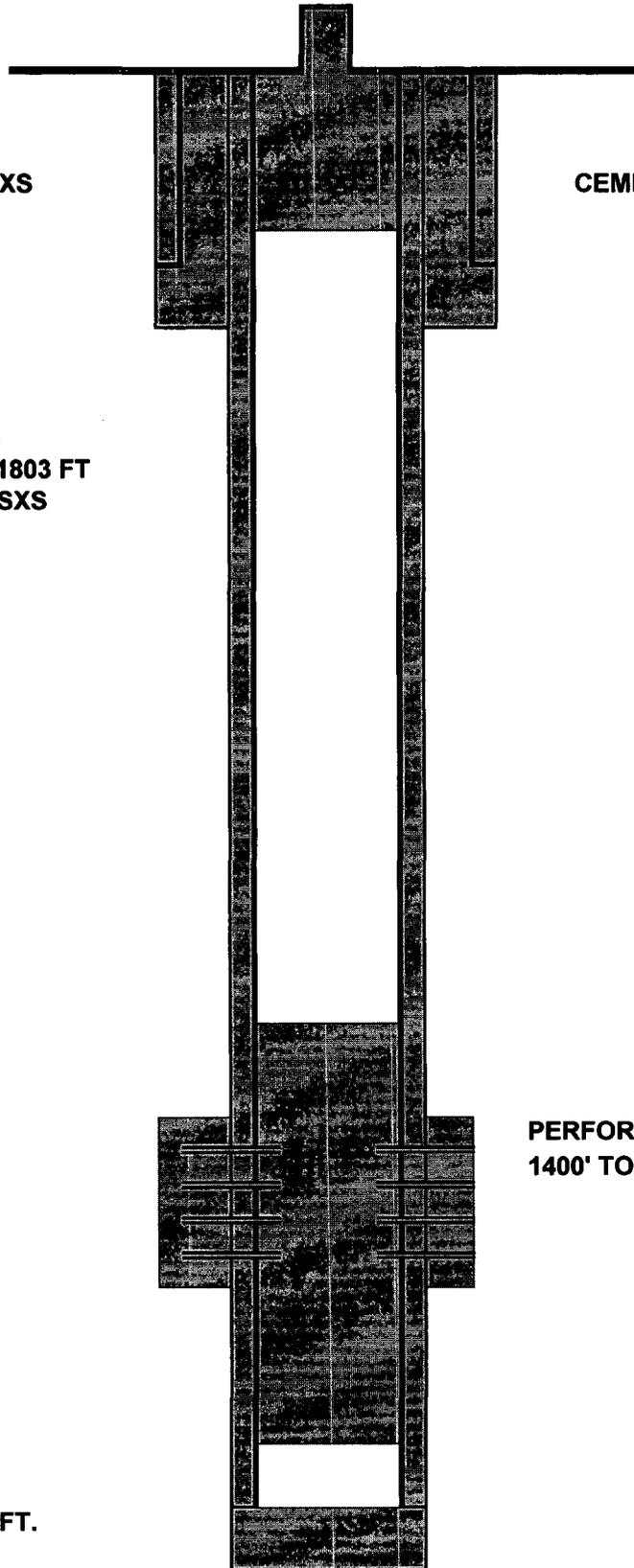
**SURFACE CASING  
7" CSG. @ 95 FT. KB  
CEMENTED WITH 50 SXS**

**CEMENT PLUGS AS FOLLOWS  
0' - 30'  
1300' - 1700'**

**PRODUCTION CASING  
4 1/2", 10.50#, J-55, @ 1803 FT  
CEMENTED WITH 270 SXS**

**PERFORATIONS @  
1400' TO 1664'**

**PBTD @ 1803 FT.  
PIPE LANDED @ 1803 FT.  
T.D. @ 1850 FT.**



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-23073

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER   
SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
Benson Mineral Group, Inc.

3. ADDRESS OF OPERATOR  
3200 Anaconda Tower, 555 17th St., Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface  
1840' FSL & 800' FWL Section 19-T24N-R10W  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
11.5 miles northwest of Nageezi, New Mexico

10. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 800

16. NO. OF ACRES IN LEASE 1431.56

17. NO. OF ACRES ASSIGNED TO THIS WELL 160 156.19

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None

19. PROPOSED DEPTH 1850

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6503 GR.

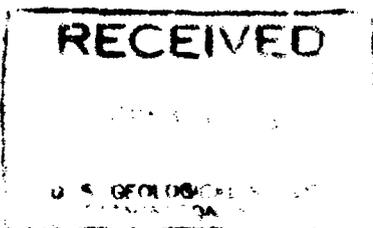
22. APPROX. DATE WORK WILL START\*  
As soon as permitted

5. LEASE DESIGNATION AND SERIAL NO.  
NM-6687  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
Federal 19-24-10  
9. WELL NO.  
1  
10. FIELD AND POOL, OR WILDCAT  
Wildcat Chacra  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 19-T24N-R10W  
NW SW  
12. COUNTY OR PARISH 13. STATE  
San Juan N. M.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	7" used	23	100	100 sax circ.
6 1/2	4 1/2" new	9.5	1850	200 sax circ.

The above well is being drilled to evaluate the Chacra formation. Completion intervals and stimulation program will be determined from the study of logs. This acreage is not dedicated to a gas purchaser. Additional information required by NTL-6 for the application to drill and a Multi-Point Surface Use Plan are attached.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Paul C. Ellison TITLE Production Manager DATE June 2, 1978  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

ok Frank  
wade

\*See Instructions On Reverse Side

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR <b>Benson Mineral Group, Inc.</b></p> <p>3. ADDRESS OF OPERATOR <b>3200 Anaconda Tower, 555 17th St., Denver, CO 80202</b></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  <b>1840' FSL and 800' FWL Section 19-T24N-R10W</b></p>	<p>5. LEASE DESIGNATION AND SERIAL NO. <b>NM 6687</b></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME <b>Federal 19-24-10</b></p> <p>9. WELL NO. <b>1</b></p> <p>10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b></p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>NW SW Section 19-T24N-R10W</b></p> <p>12. COUNTY OR PARISH <b>San Juan</b></p> <p>13. STATE <b>New Mexico</b></p>
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)

**Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Set Production casing</u> <input checked="" type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

- 7-7-78: Drill to 1700'.
- 7-9-78: TD 1850'. Ran IES, FDC logs. Set 4½" casing at 1803'. Cement with 220 sacks 50-50 poz, 6% gel, ¼# celloflake/sack, and 50 sacks Class "B" Neat. Circulate. Rig released.
- 7-14-78: Pressure test casing to 2500 psi. OK. Perforate 1400-14; 1437-42; 1458-78; 1481-90; 1498-1502; 1506-10; 1514-34; 1540-43; 1564-68; 1640-44; 1648-54; 1659-64 with one shot per foot.
- 7-15-78: Foam frac with 85,000 # 10-20 sand and 42,500 gallons foam.



18. I hereby certify that the foregoing is true and correct

SIGNED Paul C. Ellison

TITLE Production Manager

DATE July 18, 1978

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE\*

(See instructions on reverse side)

Form approved  
Budget Bureau/No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM 6687

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal 19-24-10

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat *Chacra*

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 19-T24N-R10W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other Non Commercial

b. TYPE OF COMPLETION:

NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. CESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR

Benson Mineral Group, Inc.

3. ADDRESS OF OPERATOR

3200 Anaconda Tower, 555 17th St., Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 1840' FSL & 800' FWL Section 19-T24N-R10W

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

7-6-78

16. DATE T.D. REACHED

7-8-78

17. DATE COMPL. (Ready to prod.)

Non Commercial

18. ELEVATIONS (DE, BEB, RT, GR, ETC.)\*

6503 GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

1850' MD

21. PLUG, BACK T.D., MD & TVD

1803

22. IF MULTIPLE COMPL., HOW MANY\*

1

23. INTERVALS DRILLED BY

Surf to TD

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

1400 - 1664 Chacra

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

IES, FDC, GR

27. WAS WELL COBED

NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	20	95'	12 1/4"	50 sx cement	
4 1/2"	10.5	1803'	6 1/4"	270 sx cement	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	1670'	

31. PERFORATION RECORD (Interval, size and number)

1400-14; 1437-42; 1458-78;  
1481-90; 1498-1502; 1506-10; with  
1514-34; 1540-43; 1564-68; 1 shot  
1572-78; 1581-86; 1589-1618; per foot  
1628-32; 1640-44; 1648-54 1659-64

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1400-1664	85,000# 10-20 sand 45,000 gal foam

33. PRODUCTION

DATE FIRST PRODUCTION \_\_\_\_\_ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) \_\_\_\_\_ WELL STATUS (Producing or shut-in) **Shut in waiting on P & A**

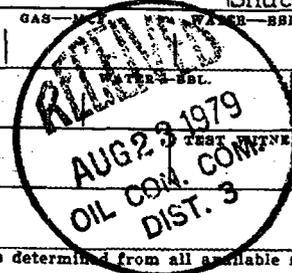
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) \_\_\_\_\_

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Paul C. Ellison TITLE Production Manager DATE July 31, 1979



\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal, and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	DESCRIPTION, CONTENTS, ETC.	NAME
			MEAS. DEPTH TRUE VERT. DEPTH
Picture Cliffs	1022		
Chacra	1365		

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

**SUBMIT IN TRIPLICATE\***  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

<p>1. <input type="checkbox"/> OIL WELL    <input type="checkbox"/> GAS WELL    <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR <u>Benson Mineral Group, Inc.</u></p> <p>3. ADDRESS OF OPERATOR <u>1726 Champa Street, Suite 600, Denver, CO 80202</u></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  <u>1840' FSL &amp; 800' FWL, Section 19-T24N-R10W</u></p>	<p>5. LEASE DESIGNATION AND SERIAL NO. <u>NM 6687</u></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME <u>Federal 19-24-10</u></p> <p>9. WELL NO. <u>No. 1</u></p> <p>10. FIELD AND POOL, OR WILDCAT <u>Wildcat <i>Chacra</i></u></p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Sec. 19-T24N-R10W</u></p> <p>12. COUNTY OR PARISH    13. STATE <u>San Juan</u>                    <u>NM</u></p>	
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, CR, etc.) <u>6503' GR</u></p>	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

\*NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Benson Mineral Group, Inc. plugged and abandoned the above well per the approved intent to abandon procedure. A P & A marker was set and the location was cleaned. Reseeding will take place on July 1, 1980 as per USGS requirements.

**RECEIVED**  
APR 16 1984  
OIL CON. DIV.  
DIST. 3

18. I hereby certify that the foregoing is true and correct

SIGNED *Paul C. Ellison* TITLE Vice President DATE June 11, 1980

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

~~APPROVED COPY~~

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 6687

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal 19-24-10

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 19-T24N-R10W

12. COUNTY OR PARISH 13. STATE

San Juan

NM

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

Benson Mineral Group, Inc.

3. ADDRESS OF OPERATOR

3200 Anaconda Tower, 555 17th St. Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface

1840' FSL & 800' FWL Section 19-T24N-R10W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6503 GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)

PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other)

REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Benson Mineral Group, Inc. intends to plug and abandon this well as follows:

1. Spot cement plug 30' - surface and 1300'-1700'.
2. Erect P x A marker.
3. Clean up and re-seed location.

Submitted To  
BIA Regulations



18. I hereby certify that the foregoing is true and correct

SIGNED

Paul C. Ellison

TITLE Production Manager

DATE June 29, 1979

(This space for Federal or State office use)

APPROVED BY

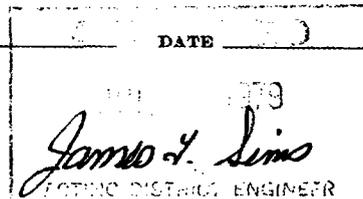
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NYMOLL

\*See Instructions on Reverse Side



*Deal*

**Schlumberger**

COLEMAN OIL & GAS, INC.

JUNIPER SWD #4  
 SWD: BLANCO MESAVERDE  
 SAN JUAN State: NEW MEXICO

PLATFORM EXPRESS

ARRAY INDUCTION

GAMMA RAY - SP

660' FSL & 2015' FWL  
 Elev.: K.B. 6663.5 ft  
 G.L. 6650 ft  
 D.F. 6661 ft

Permanent Datum: GROUND LEVEL  
 Log Measured From: KELLY BUSHING  
 Drilling Measured From: KELLY BUSHING

API Serial No. 30-045-32783  
 Section 17  
 Township 24N  
 Range 10W

Logging Date	7-Jul-2005
Run Number	ONE
Depth Driller	3940 ft
Schlumberger Depth	3920 ft
Bottom Log Interval	3912 ft
Top Log Interval	236 ft
Casing Driller Size @ Depth	8.625 in @ 235 ft
Casing Schlumberger	236 ft
Bit Size	7.875 in
Type Fluid In Hole	
Density	6.7 lbm/gal
Fluid Loss	13.8 cm3
PH	10
Source Of Sample	AIT MEASURED
RM @ Measured Temperature	0.414 ohm.m @ 82 degF
RMF @ Measured Temperature	0.310 ohm.m @ 82 degF
RMC @ Measured Temperature	0.621 ohm.m @ 82 degF
Source RMF	CALCULATED
RM @ MRT	0.315 @ 110
RMF @ MRT	0.236 @ 110
Maximum Recorded Temperature	110 degF
Circulation Stopped	Time
Logger On Bottom	7-Jul-2005
Unit Number	3037
Recorded By	FARMINGTON
Witnessed By	K. MACPHAIL

Logging Date	
Run Number	
Depth Driller	
Schlumberger Depth	
Bottom Log Interval	
Top Log Interval	
Casing Driller Size @ Depth	
Casing Schlumberger	
Bit Size	
Type Fluid In Hole	
Density	
Fluid Loss	
PH	
Source Of Sample	
RM @ Measured Temperature	
RMF @ Measured Temperature	
RMC @ Measured Temperature	
Source RMF	
RM @ MRT	
RMF @ MRT	
Maximum Recorded Temperature	
Circulation Stopped	Time
Logger On Bottom	Time
Unit Number	Location
Recorded By	
Witnessed By	

DEPTH SUMMARY LISTING

Date Created: 8-JUL-2005 1:08:33

Depth System Equipment

**Changed Parameter Summary**

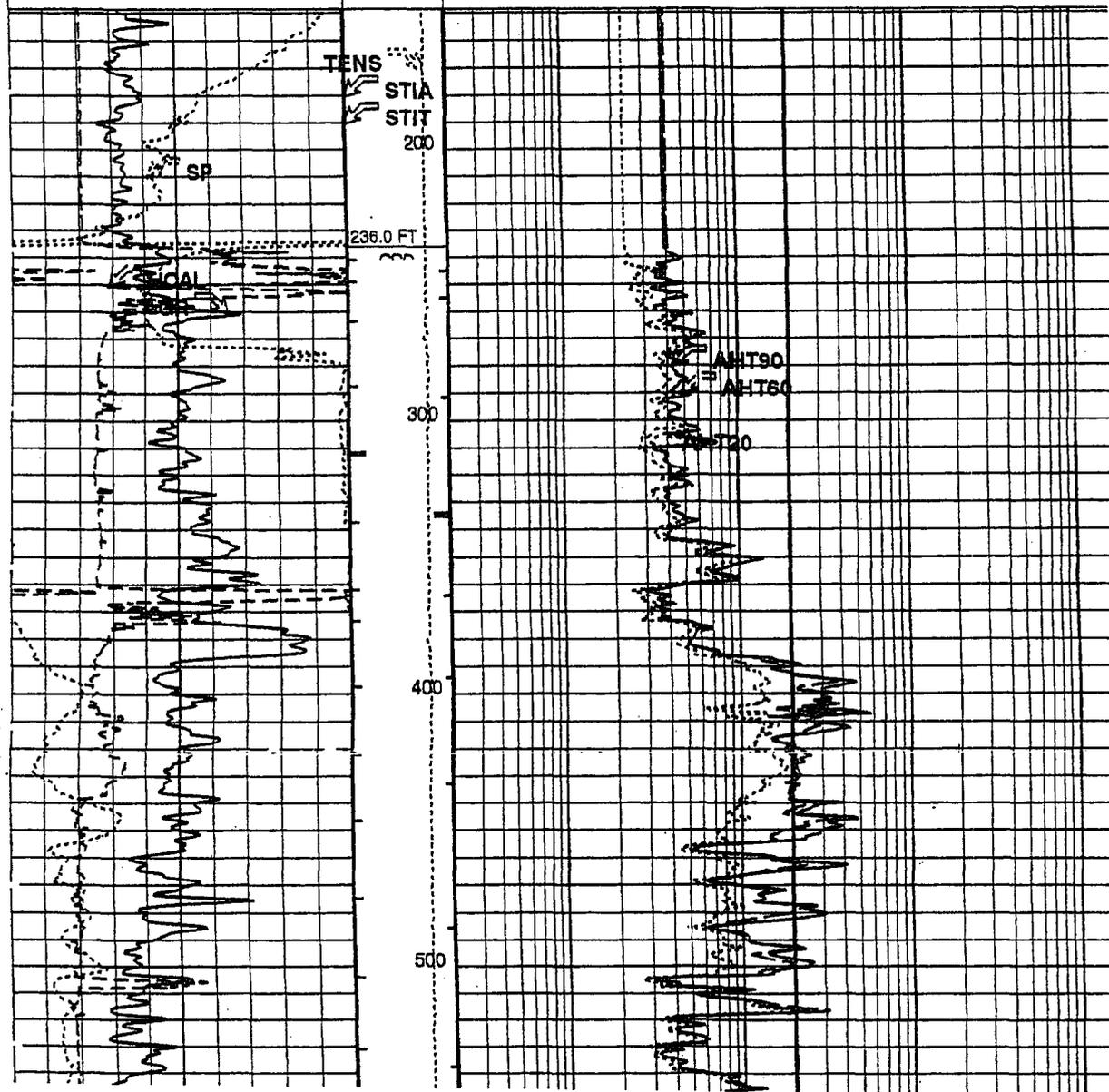
DLIS Name	New Value	Previous Value	Depth & Time
BHT	110 DEGF	128 DEGF	3787.0 01:02:18

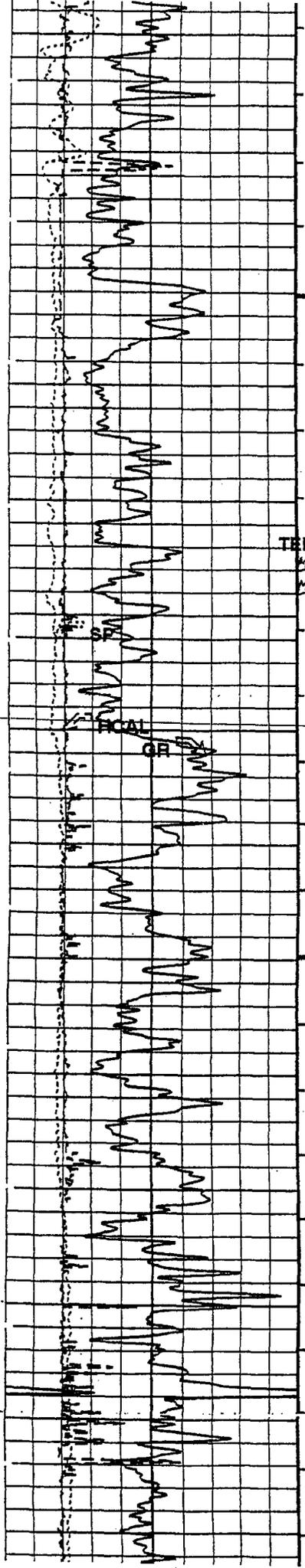
PIP SUMMARY

- T Integrated Hole Volume Minor Pip Every 10 F3
- T Integrated Hole Volume Major Pip Every 100 F3
- Integrated Cement Volume Minor Pip Every 10 F3
- Integrated Cement Volume Major Pip Every 100 F3

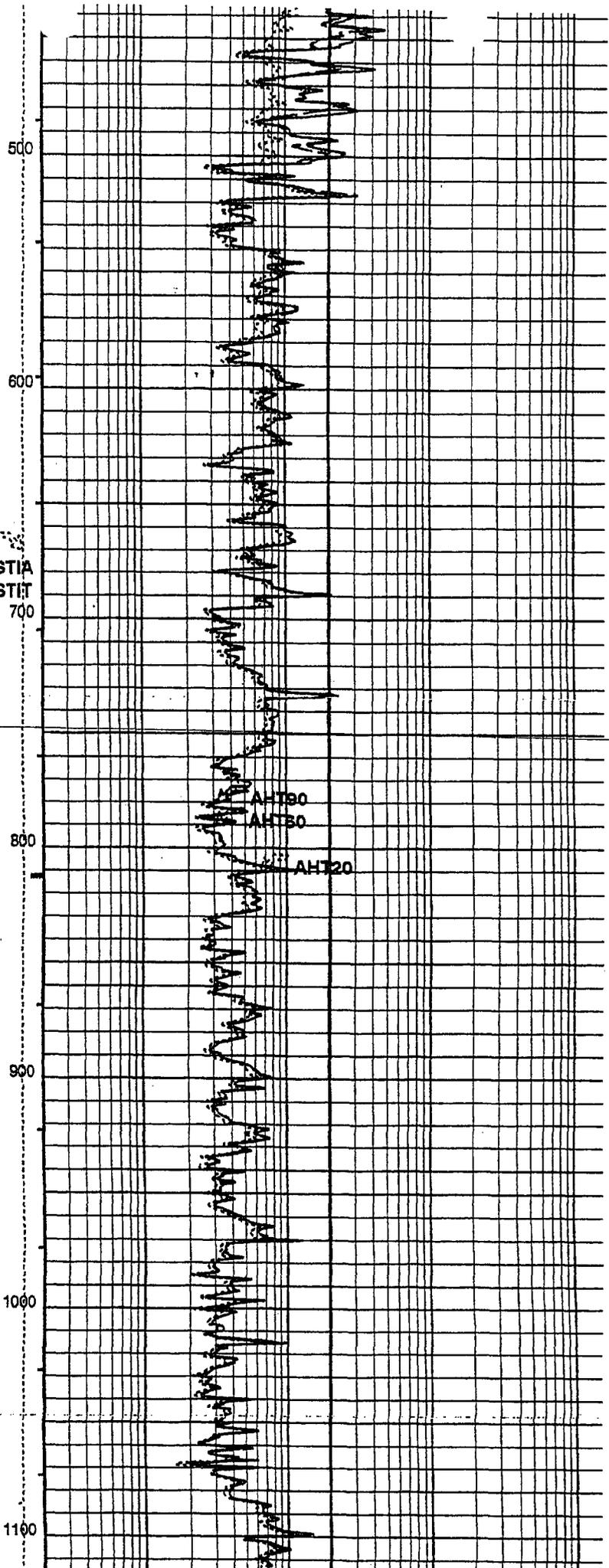
Time Mark Every 60 S

Tool/Tot. Drag From D3T to STIA			
SP (SP) (MV)	20	AIT-H 90 Inch Investigation (AHT90) (OHMM)	200
Caliper (HCAL) (IN)	16	AIT-H 60 Inch Investigation (AHT60) (OHMM)	200
Gamma Ray (GR) (GAPI)	200	AIT-H 20 Inch Investigation (AHT20) (OHMM)	200

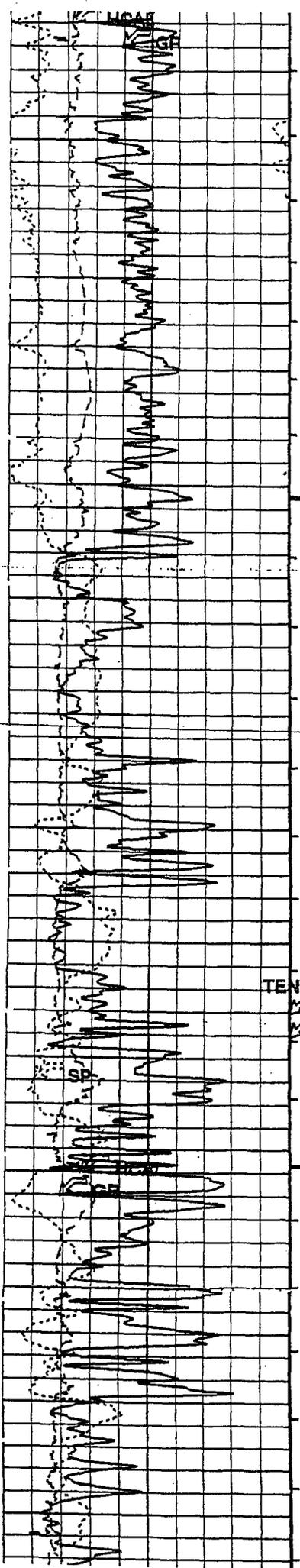




TENS  
STIA  
STIT  
700





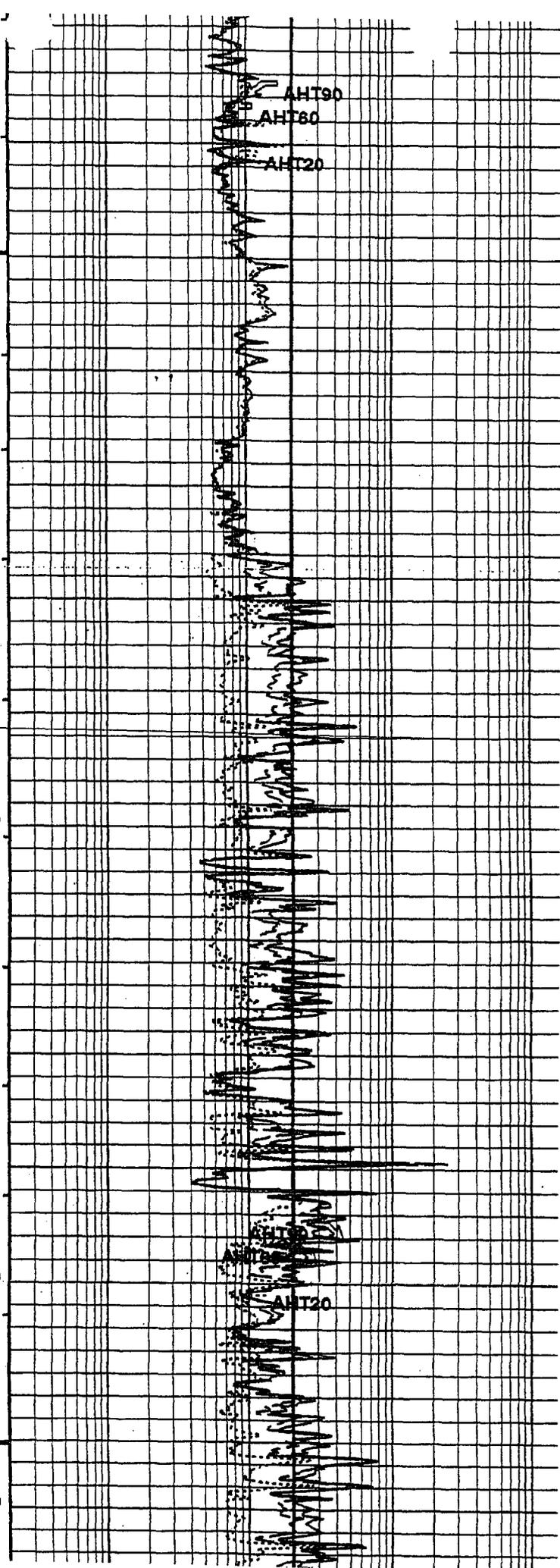


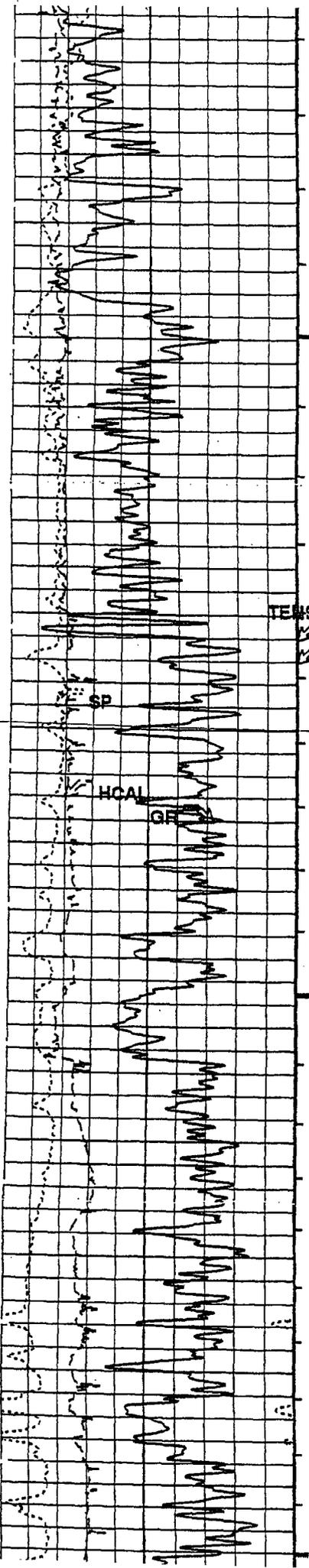
TENS  
STIA  
STIT  
2200

1800  
1900  
2000  
2100  
2300  
2400

AHT90  
AHT80  
AHT20

AHT20





TEMS  
STIA  
STIT  
2700

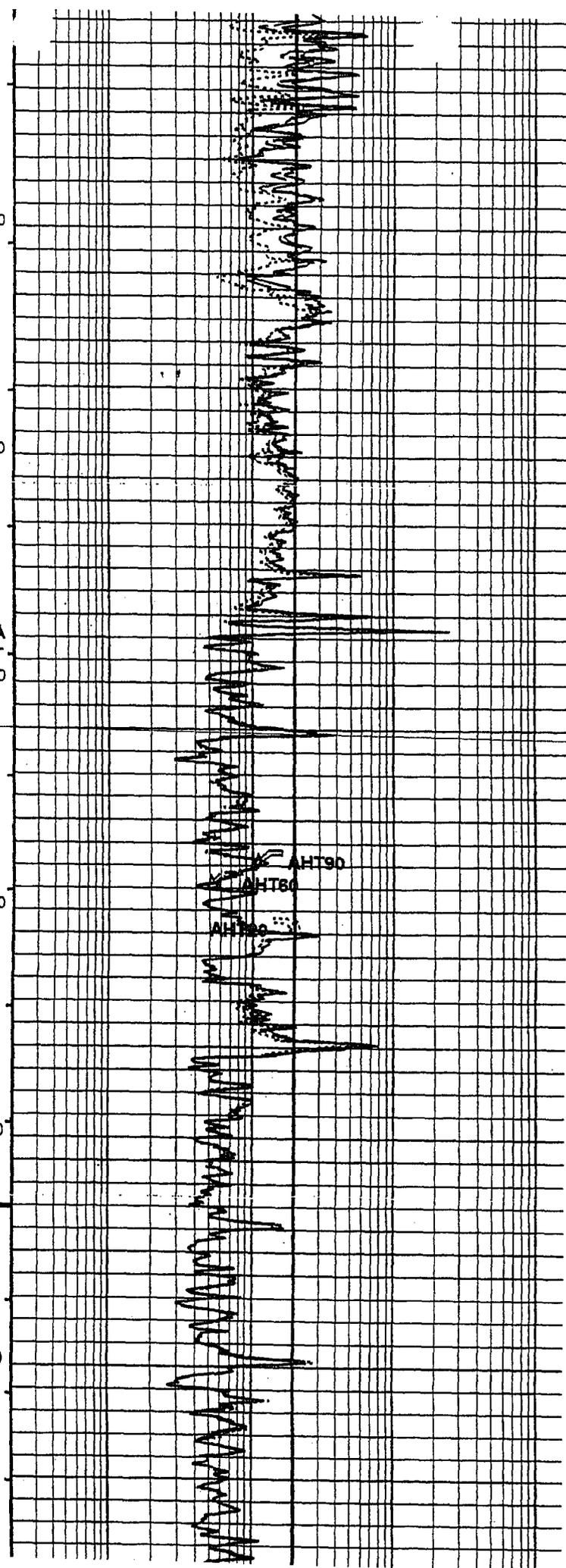
2500

2600

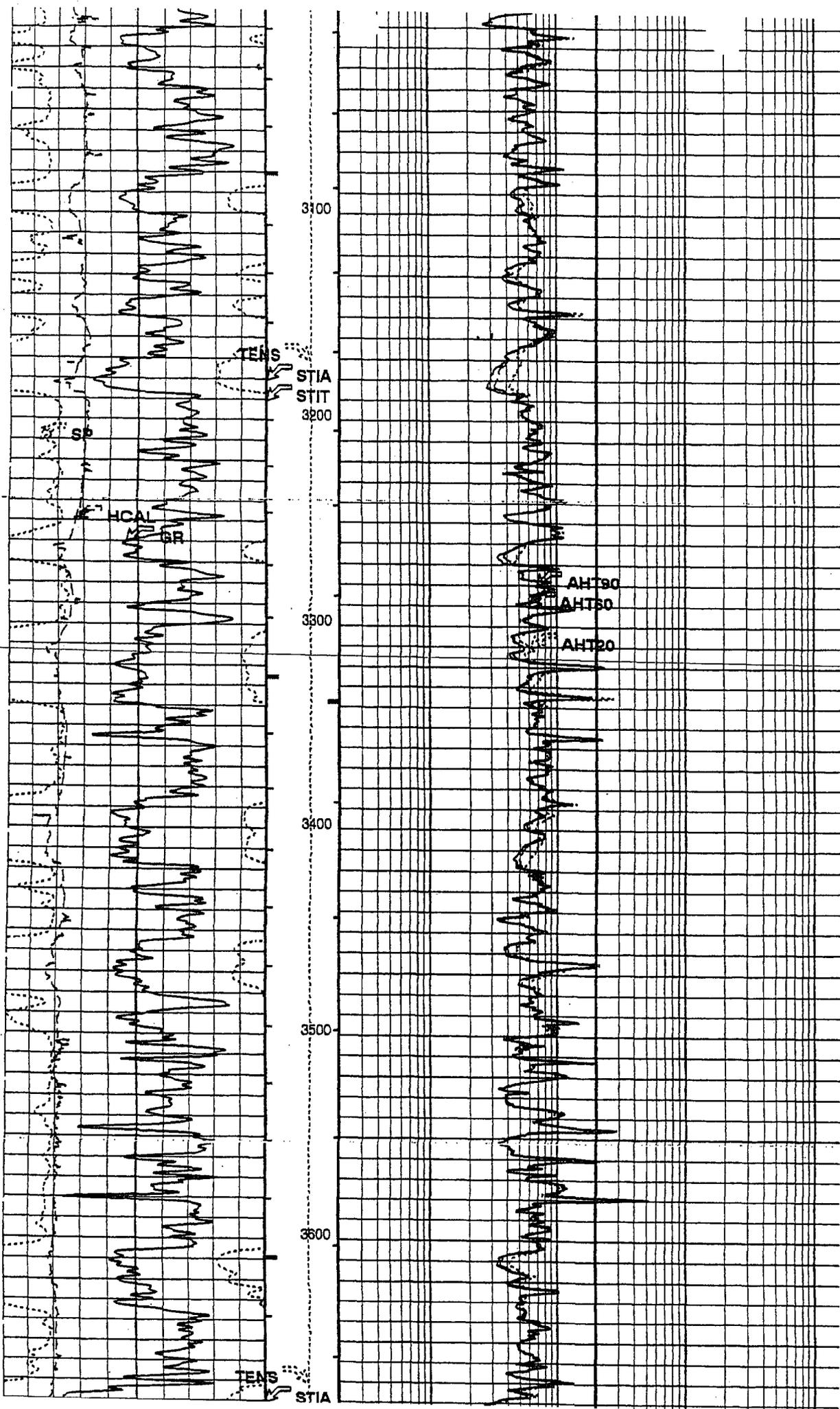
2800

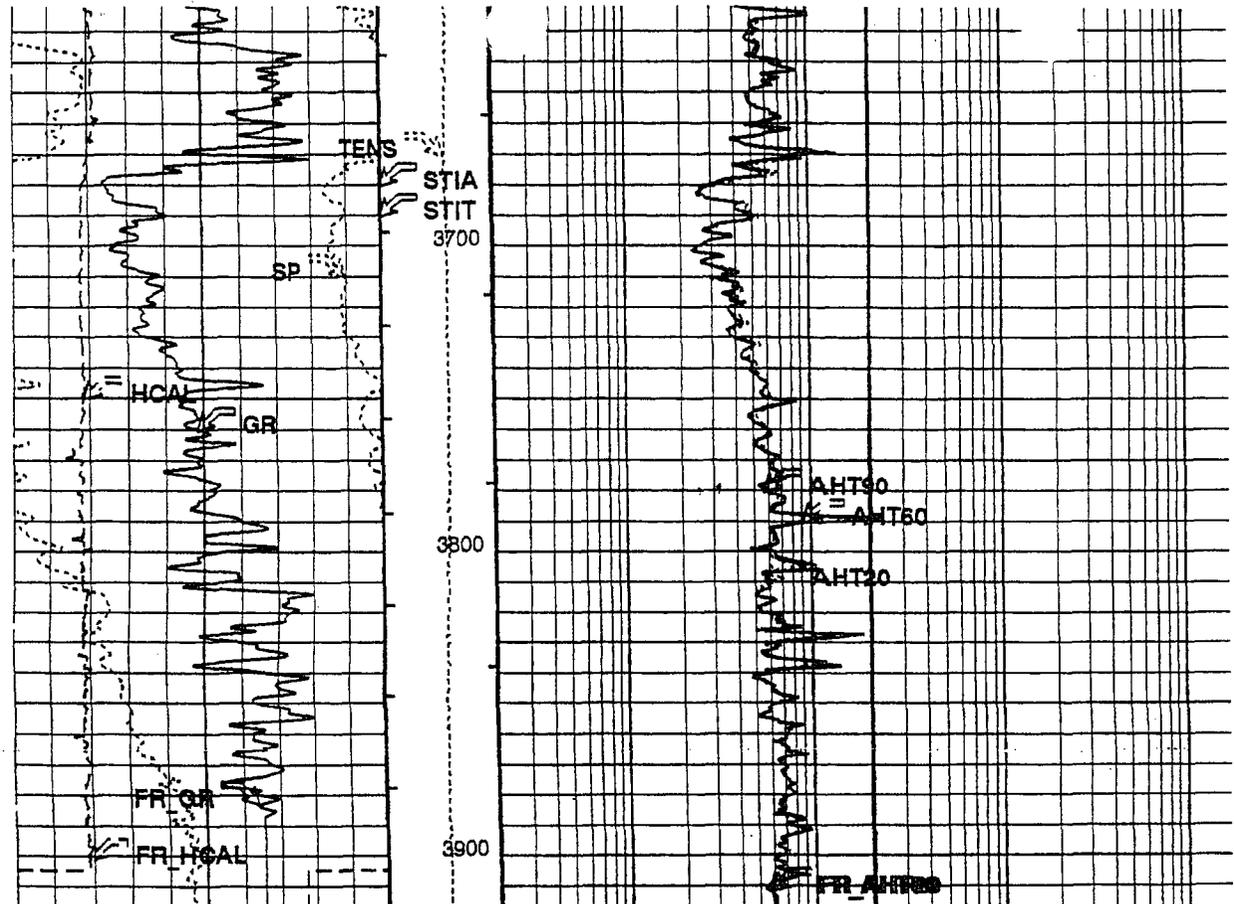
2900

3000



AHT90  
AHT60





Gamma Ray (GR) (GAPI)	Tension (TENS) (LBF)	AIT-H 20 Inch Investigation (AHT20) (OHMM)
0 200	4000 0	0.2 200
Caliper (HCAL) (IN)	Stuck Stretch (STIT) (F)	AIT-H 60 inch investigation (AHT60) (OHMM)
6 18	0 50	0.2 200
SP (SP) (MV)	Cable Drag From STIA to STIT	AIT-H 90 Inch Investigation (AHT90) (OHMM)
-80 20	0.2	0.2 200
	Tool/Tot. Drag From D3T to STIA	

**PIP SUMMARY**

- ┌ Integrated Hole Volume Minor Pip Every 10 F3
- └ Integrated Hole Volume Major Pip Every 100 F3
- ┌ Integrated Cement Volume Minor Pip Every 10 F3
- └ Integrated Cement Volume Major Pip Every 100 F3

Time Mark Every 60 S

AIT-H Answer Product Processing Summary. Data taken with Tool # 159 (AHTNO)  
 ...Acquired data from HILT/HAIT

\*\*\*\*\* Borehole Correction \*\*\*\*\*

Effective Tool Standoff computed. Borehole diameter and mud res. taken as input (see GCSE and GRSE parameters)  
 Tool is run in ECCENTERED mode with a tool stand-off of 0.13 IN. Bit Size is 7.88 IN.

\*\*\*\*\* input Selections to AIT-H Answer Product Processing \*\*\*\*\*

Caliper (GCSE): HCAL Mud Resistivity (GRSE): AHMF Temperature (GTSE): LINEAR\_ESTIMATE Porosity (FPHI): DPH2  
 \*\*\*\*\* Other Parameters used by AIT-H Answer Product Processing \*\*\*\*\*

Surface Hole Temperature (SHT) 68.000 DEGF Bottom Temperature (BHT) 128.000 DEGF  
 Total Depth (TD) 3920.000 FT

\*\*\*\*\* AIT-H Answer Product Processing Control Parameters \*\*\*\*\*

(AHAPL): 2\_BholeCorr\_BasicLogs  
 (AHBHM): 2\_ComputeStandoff (AHBLM): 6\_One\_Two\_and\_Four

**Parameters**

PLS Name	Description	Value
----------	-------------	-------

## ATTACHMENT #7

**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**BUREAU OF LAND MANAGEMENT**  
**APPLICATION FOR PERMIT TO DRILL OR REENTER**

2006 MAY 31 10 12 AM  
REC'D

5. Lease Serial No. <p align="center">NM NM-104609</p>	
6. If Indian, Allottee or Tribe Name	
7. If Unit or CA Agreement, Name and No.	
8. Lease Name and Well No. <p align="center">Juniper West SWD #1</p>	
9. API Well No. <p align="center">30-045-33771</p>	
1a. TYPE OF WORK <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	10. Field and Pool, or Exploratory <p align="center">SWD; Blanco Mesa Verde</p>
b. TYPE OF WELL <input type="checkbox"/> OIL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE	11. Sec., T., R., M., or Blk. And Survey or Area <p align="center">N Section 24, T24N, R11W</p>
2. Name of Operator <p align="center">Coleman Oil &amp; Gas, Inc.</p>	
3a. Address <p>P.O. Drawer 3337, Farmington N.M. 87499</p>	3b. Phone No. (include area code) <p align="center">(505) 327-0356</p>
4. Location of well (Report location clearly and in accordance with any State requirements. *) At surface <p align="center">700' FSL, 1715' FWL    Latitude 36° 17' 36.7", Longitude 107° 57' 27.7"</p> At proposed prod. zone	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <p align="center">Southeast of Farmington New Mexico on County Road 7610 approximately 50 miles.</p>	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig unit line, if any) <p align="center">700'</p>	16. No. of Acres in lease <p align="center">1120</p>
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <p align="center">100'</p>	17. Spacing Unit dedicated to this well <p align="center">320 ACRES W/2</p>
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <p align="center">6436</p>	20. BLM/ BIA Bond No. on file <p align="center">BLM Blanket Bond #08510612</p>
22. Aproximate date work will start* <p align="center">August-06</p>	23. Estimated Duration <p align="center">2 Weeks</p>

**24. Attachments**

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1 shall be attached to this form:

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. Well plat certified by a registered surveyor.</li> <li>2. A Drilling Plan</li> <li>3. A Surface Use Plan ( if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).</li> </ol> | <ol style="list-style-type: none"> <li>4. Bond to cover the operations unless covered by existing bond on file(see item 20 above).</li> <li>5. Operator certification.</li> <li>6. Such other site specific information and/ or plans as may be required by the a authorized officer.</li> </ol> |
|--|--|

25. Signature 	Name (Printed/Typed) <p align="center">Michael T. Hanson</p>	DATE <p align="center">30-May-06</p>
Title <p align="center">Operations Engineer</p>		
Approved By (Signature) 	Name (Printed/Typed) <p align="center">AFM</p>	DATE <p align="center">6/15/06</p>
Title <p align="center">FFO</p>		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instructions On Reverse Side

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
\*GENERAL REQUIREMENTS\*.

**OPERATOR**

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

P.O. Box 1980, Hobbs, N.M. 88241-1980  
 DISTRICT II  
 811 South First, Artesia, N.M. 88210  
 DISTRICT III  
 1000 Rio Brazos Rd., Aztec, N.M. 87410  
 DISTRICT IV  
 2040 South Pacheco, Santa Fe, NM 87504-2088

gy, Minerals & Natural Resources Department

**OIL CONSERVATION DIVISION**  
 P.O. Box 2088  
 Santa Fe, NM 87504-2088

Form C-102  
 Revised February 21, 1994  
 Instructions on back  
 Submit to Appropriate District Office  
 State Lease - 4 Copies  
 Fee Lease - 3 Copies

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number		<sup>2</sup> Pool Code		<sup>3</sup> Pool Name	
<sup>4</sup> Property Code		<sup>5</sup> Property Name <b>JUNIPER WEST SWD</b>			<sup>6</sup> Well Number <b>1</b>
<sup>7</sup> OGRID No.		<sup>8</sup> Operator Name <b>COLEMAN OIL &amp; GAS, INC.</b>			<sup>9</sup> Elevation <b>6436</b>

<sup>10</sup> Surface Location

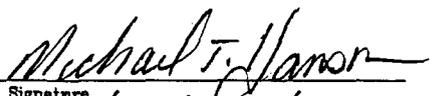
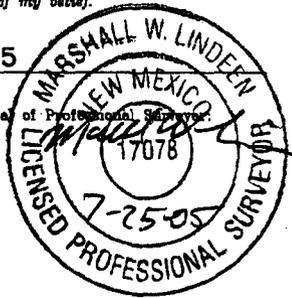
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	24	24 N	11 W		700	SOUTH	1715	WEST	SAN JUAN

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<sup>16</sup> SECTION 24 2625.30' N 0°19'44" E 2635.01' N 0°18'26" E 1715' 700' N 89°32'40" W 2614.84' N 89°30'36" W 2617.78'	5232.32'	<sup>17</sup> OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i>  Signature Michael T. HANSON Printed Name OPERATIONS Engineer Title 5/29/06 Date
	5269.06'	<sup>18</sup> SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> 5/24/05 Date of Survey Signature and Seal of Professional Surveyor  17078 Certificate Number

Monday, May 29, 2006

## OPERATIONS PLAN

**Well Name:** Juniper West SWD #1  
**Location:** 700' FSL, 1715' FWL Section 24, T-24-N, R-~~10~~<sup>11</sup>-W, NMPM  
San Juan County, NM  
**Formation:** SWD; Blanco Mesa Verde  
**Elevation:** 6436' GL

<b>Formation:</b>	<b>Top</b>	<b>Bottom</b>	<b>Contents</b>
Nacimiento	Surface	145'	aquifer
Ojo Alamo	145'	255'	aquifer
Kirtland	255'	665'	
Fruitland	955'	955'	gas
Pictured Cliffs	955'	1155'	gas
Lewis Shale	1155'	1360'	
Cliff House	1360'	1760'	
La Ventana Tounge	1760	2310	
Menefee	2310	3360	
Point Lookout	3360	3565	
Mancos	3565	3640	
Total Depth	3640		

**Drilling Contractor:** Availability

### Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0' - 200'	Spud	8.4 - 9.0	40 - 50	no control
200' - 3640'	Non-dispersed	8.4 - 9.0	30 - 60	6cc or less

**Logging Program:** Porosity Log - Triple Litho Density W/ GR and CAL.  
Induction Log - Array Induction W/ GR and SP

**Coring Program:** None

### Casing Program:

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	8 5/8"	24#	J-55 or K-55
7 7/8"	200' - 3640'	5 1/2"	15.5#	J-55 or K-55

### Tubing Program:

0' - 1660'	2 7/8"	6.50#	J-55 Coated
------------	--------	-------	-------------

### Float Equipment:

8 5/8" surface casing - saw tooth guide shoe. Three centralizers.

5 1/2" production casing - Cement guide shoe and self fill insert float collar. Place float one joint above shoe. Five centralizers spaced every other joint above shoe, three centralizers across stage collar (1255 Ft.) and five centralizers spaced evenly across Ojo Alamo.

**Wellhead Equipment:**

8 5/8" x 5 1/2" Braiden Head and 5 1/2" x 2 7/8" Tubing Head. Independent Well Head assembly with a minimum rated working pressure of 2000 psig.

**Cementing:**

8 5/8" Surface Casing -

Cement with 165 sacks Class "B" cement with 1/4# celloflake/sx and 2% calcium chloride (194.70 cu. ft. of slurry, 100% excess to circulate to surface). WOC 12 hrs. Test casing to 750 psi/30 minutes.

5 1/2" Production Casing -

**Stage #1** - Before cementing circulate hole with at least 1 1/2 hole volumes of mud. Precede cement with 20 bbls of fresh water. Lead with 146 sacks (381.06 cu. ft) of Class "G" with 3% D79 and 1/4# Per sack D29. (Yield = 2.61 cu. ft. /sack; slurry weight = 11.7 PPG). Tail with 180 sacks (226.80 cu. ft.) of Class "G" 50/50 POZ with 2% GEL D-20, 5# Per sack Gilsonite, .1% D46, 1% S-1 and 1/4# Per sack D29. (Yield = 1.26 cu. ft./sack; slurry weight = 13.5 PPG). Total cement volume is 607.86 cu. ft. (50% excess on open hole, calculated on cement volumes on Lower Stage).

**Stage #2** - Open Stage tool and circulate minimum 4 hours. Before cementing circulate hole with at least 1 1/2 hole volumes of mud. Precede cement with 20 bbls of fresh water. Lead with 133 sacks (347.13 cu. ft) of Class "G" with 3% D79 and 1/4# Per sack D29. (Yield = 2.61 cu. ft. /sack; slurry weight = 11.7 PPG). Tail with 50 sacks (63.00 cu. ft.) of Class "G" 50/50 POZ with 2% GEL D-20, 5# Per sack Gilsonite, .1% D46, 1% S-1 and 1/4# Per sack D29. (Yield = 1.26 cu. ft./sack; slurry weight = 13.5 PPG). Total cement volume is 410.13 cu. ft. (100% excess on open hole, calculated on cement volumes on Upper Stage).

**BOP and Tests:**

Surface to Surface Total Depth - None

Surface TD to Total Depth - Annular or Double Ram Type 2000 psi (minimum) double gate BOP stack (Reference Figure #1 & #2). Prior to drilling out surface casing, test blind rams and casing to 750 psig for 30 minutes; all pipe rams and choke assembly to 750 psig for 15 minutes each.

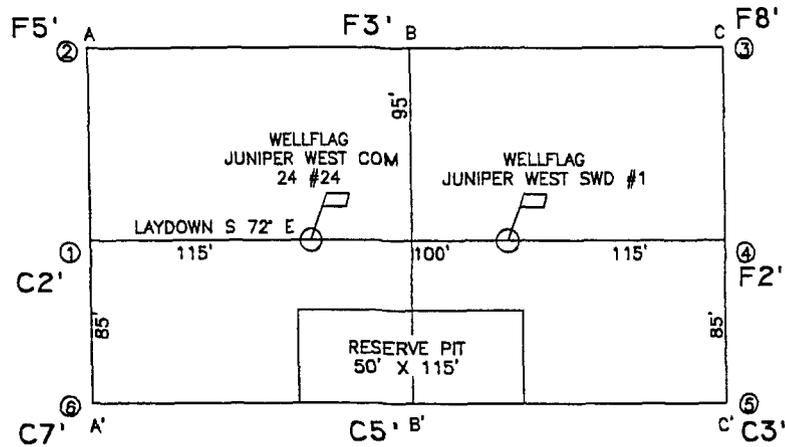
From Surface TD to Total Depth - choke manifold (Reference Figure #2).

Pipe rams will be actuated at least once each day and blind rams actuated once each trip to test proper functioning. An upper kelly cock valve with handle and drill string safety valves to fit each drill string will be maintained and available on the rig floor.

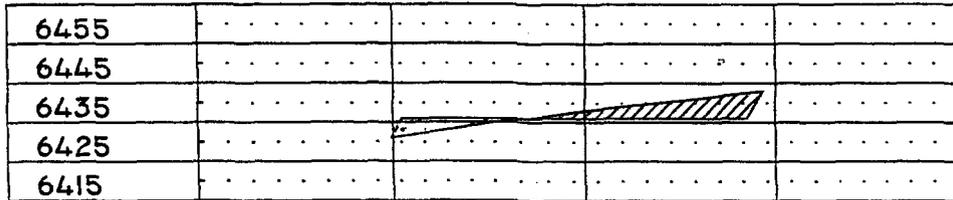
**Additional information:**

- The Blanco Mesa Verde will be completed for Fruitland Coal produced water disposal.
- Anticipated pore pressure for the Mesa Verde is 500 psi.
- New casing will be utilized.
- Pipe movement (either rotation or reciprocation) will be done if hole conditions permit.

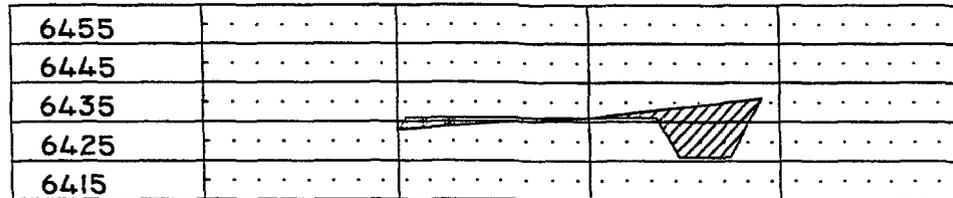
Date: 5/29/06 Drilling Engineer: Michael J. Hanson



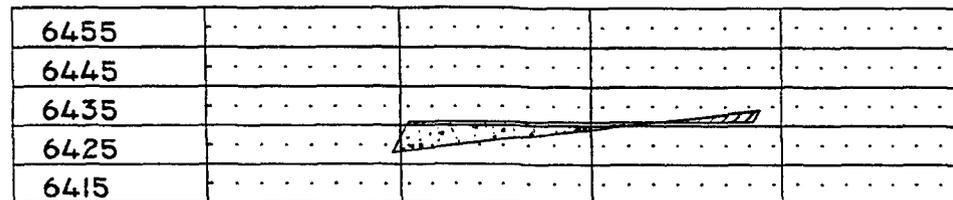
ELEVATION A-A'



B-B'



C-C'



LEASE: JUNIPER WEST SWD #1

FOOTAGE: 700' FSL, 1715' FWL

SEC. 24 TWN. 24-N RNG. 11-W N.M.P.M.

LATITUDE: 36°17'36.7" LONGITUDE: 107°57'27.7"

ELEVATION: 6436

COLEMAN OIL & GAS, INC.  
FARMINGTON, NEW MEXICO

SURVEYED: 5/24/05

REV. DATE:

APP. BY M.L.

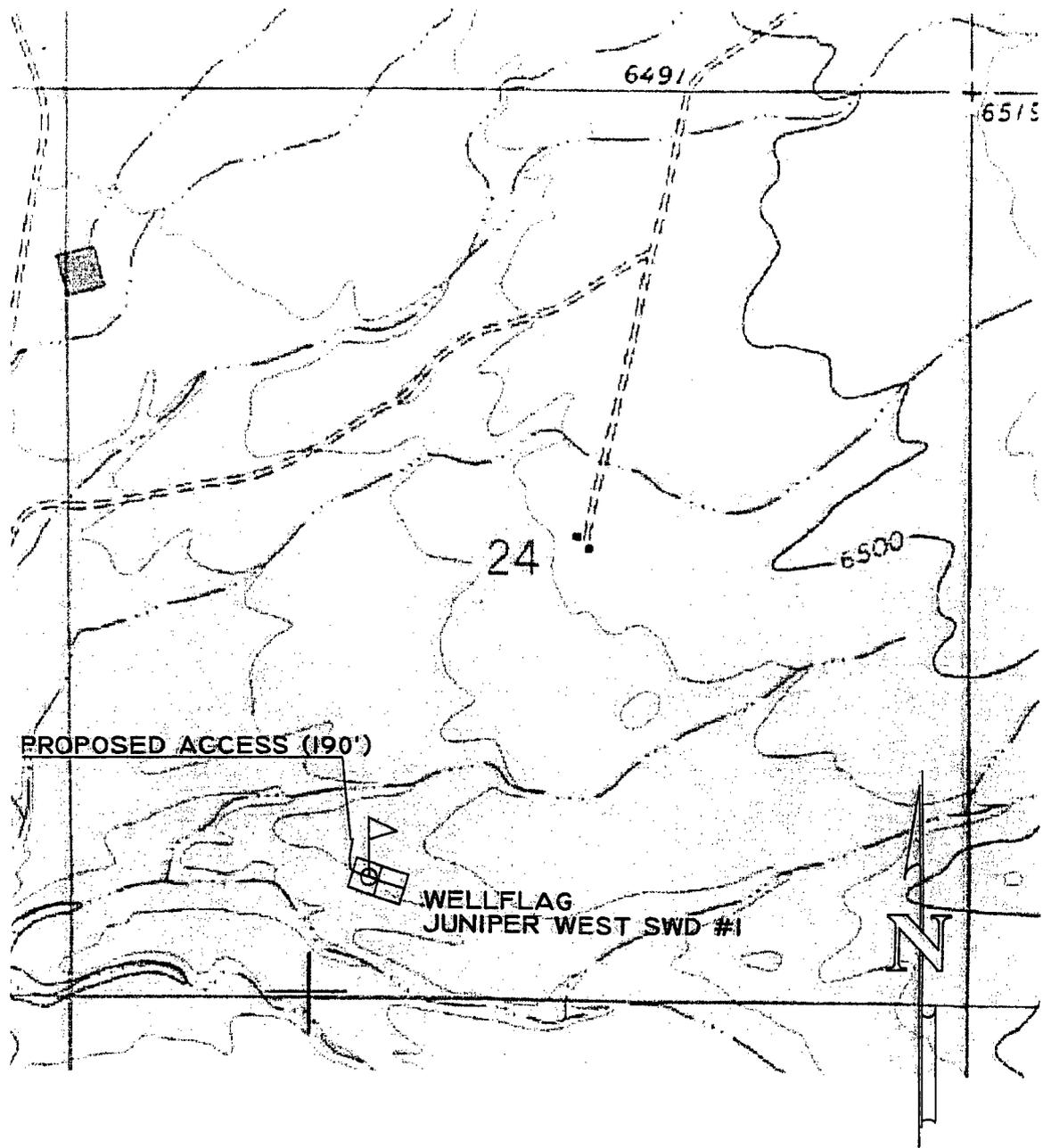
DRAWN BY: T.G.

DATE DRAWN: 5/31/05

FILE NAME: 5821C01

UNITED  
FIELD SERVICES INC.

P.O. BOX 3651  
FARMINGTON, NM 87499  
OFFICE: (505) 334-0408



LEASE: JUNIPER WEST SWD #1

FOOTAGE: 700' FSL, 1715' FWL

SEC. 24 TWN. 24-N RNG. II-W N.M.P.M.

LATITUDE: 36°17'36.7" LONGITUDE: 107°57'27.7"

ELEVATION: 6436

COLEMAN OIL & GAS, INC.  
FARMINGTON, NEW MEXICO

SURVEYED: 5/24/05

REV. DATE:

APP. BY M.L.

DRAWN BY: T.G.

DATE DRAWN: 5/31/05

FILE NAME: 5821C01

UNITED  
FIELD SERVICES INC.

P.O. BOX 3651  
FARMINGTON, NM 87499  
OFFICE: (505) 334-0408

## **ATTACHMENT #8**



**COLEMAN OIL & GAS, INC.**

**Bryan Lewis**  
e-mail: cogblewis@yahoo.com

**CERTIFIED RETURN RECEIPT REQUESTED**  
**7006 0100 0007 2049 5843**

Tuesday, November 07, 2006

Bureau Of Land Management  
1235 La Plata Highway, Suite A  
Farmington, NM 87401

**RE: NOTICE OF INTENT TO INJECT**  
**Juniper West SWD #1 Well**  
**700 FSL 1715 FWL**  
**Section 24-T24N-R11W**  
**San Juan County, New Mexico**

Ladies and Gentlemen:

Please be advised that Coleman Oil & Gas, Inc. is applying for a permit to dispose of produced water from the Fruitland formation into the Mesa Verde formation in the proposed Juniper West SWD # 1 well to be located in Section 24, Unit M, Township 24 North, Range 11 West located 700 FSL and 1715 FWL.

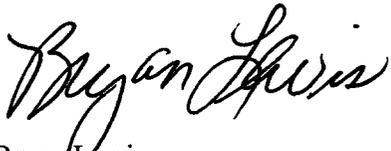
There are two injection zones of interest in the Mesa Verde formation. The primary zone is the Point Lookout interval located from 3360 – 3565 feet with injection pressures anticipated to be between 670 – 1880 psig. The secondary zone is the Menefee interval between 2310 – 3360 feet with injection pressures anticipated to be 490 – 1375 psig. Coleman plans to dispose of approximately 2000 BWPD with a maximum of 4000 BWPD.

Pursuant to NMOCD regulations, this letter is intended to serve as notice of the application and to inform you of your rights as the owner of the surface on which the well is to be drilled, to object and file for a hearing with the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico, 87504 within 15 days of receipt of this letter.

Bureau Of Land Management  
Tuesday, November 07, 2006  
Page 2

A copy of the application for the disposal permit is enclosed for your convenience. If you have questions of a technical nature please speak with Mike Hanson at the letterhead phone number. Land questions can be directed to me.

Sincerely,

A handwritten signature in black ink that reads "Bryan Lewis". The signature is written in a cursive style with a large, prominent "B" and "L".

Bryan Lewis  
Landman

COLEMAN OIL & GAS, INC.  
POST OFFICE DRAWER 3337  
FARMINGTON, NM 87499-3337

**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:  
*Bureau Of Land  
Management  
1235 La Plata Highway,  
Suite A.  
Farmington NM 87401*

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  
**X**  Agent  
 Addressee

B. Received by (Printed Name) 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 7006 0100 0007 2049 5843

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

7006 0100 0007 2049 5843

BUREAU OF LAND MANAGEMENT  
1235 LAPLATA HIGHWAY, SUITE A  
FARMINGTON, NM 87401



02 1P  
0000000007 NOV 14 2006  
MAILED FROM ZIP CODE 87401  
\$08.30

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS. FOLD AT DOTTED LINE.

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

7006 0100 0007 2049 5843  
 7006 0100 0007 2049 5843

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

Postmark Here

See to  
 Bureau Of Land Management  
 1235 La Plata Highway, Suite A  
 Farmington NM 87401  
 See Reverse for Instructions  
 PS Form 3811, June 2002

**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:  
 Bureau Of Land Management  
 1235 La Plata Highway,  
 Suite A.  
 Farmington NM 87401

**COMPLETE THIS SECTION ON DELIVERY**

- A. Signature  
 Agent  
 Addressee
- B. Received by (Printed Name)  
 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  
 Registered  
 Insured Mail  
 Express Mail  
 Return Receipt for Merchandise  
 C.O.D.

4. Restricted Delivery? (Extra Fee)  Yes

2 7006 0100 0007 2049 5843



**COLEMAN OIL & GAS, INC.**

**Bryan Lewis**  
e-mail: cogblewis@yahoo.com

**CERTIFIED RETURN RECEIPT REQUESTED**  
**7006 0100 0007 2049 5850**

Tuesday, November 07, 2006

Rosetta Resources, Inc.  
1200 17th Street, Suite 770  
Denver, CO 80202

**RE: NOTICE OF INTENT TO INJECT**  
**Juniper West SWD #1 Well**  
**700 FSL 1715 FWL**  
**Section 24-T24N-R11W**  
**San Juan County, New Mexico**

Ladies and Gentlemen:

Please be advised that Coleman Oil & Gas, Inc. is applying for a permit to dispose of produced water from the Fruitland formation into the Mesa Verde formation in the proposed Juniper West SWD # 1 well to be located in Section 24, Unit M, Township 24 North, Range 11 West located 700 FSL and 1715 FWL.

There are two injection zones of interest in the Mesa Verde formation. The primary zone is the Point Lookout interval located from 3360 – 3565 feet with injection pressures anticipated to be between 670 – 1880 psig. The secondary zone is the Menefee interval between 2310 – 3360 feet with injection pressures anticipated to be 490 – 1375 psig. Coleman plans to dispose of approximately 2000 BWPD with a maximum of 4000 BWPD.

Pursuant to NMOCD regulations, this letter is intended to serve as notice of the application and to inform you of your rights as an offsetting operator to object and file for a hearing with the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico, 87504 within 15 days of receipt of this letter.

Rosetta Resources, Inc.  
Tuesday, November 07, 2006  
Page 2

A copy of the application for the disposal permit is enclosed for your convenience. If you have questions of a technical nature please speak with Mike Hanson at the letterhead phone number. Land questions can be directed to me.

Sincerely,

A handwritten signature in black ink that reads "Bryan Lewis". The signature is written in a cursive style with a large, prominent initial "B".

Bryan Lewis  
Landman

COLEMAN OIL & GAS, INC.  
POST OFFICE DRAWER 3337  
FARMINGTON, NM 87499-3337

7006 0100 0007 2049 5850

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"><li>■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li><li>■ Print your name and address on the reverse so that we can return the card to you.</li><li>■ Attach this card to the back of the mailpiece, or on the front if space permits.</li></ul>		A. Signature <b>X</b> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee	
1. Article Addressed to: <i>Rosetta Resources Inc 1200 17th Street, Suite 770 Denver CO 80202</i>		B. Received by (Printed Name)	C. Date of Delivery
		D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
		3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	
		4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	

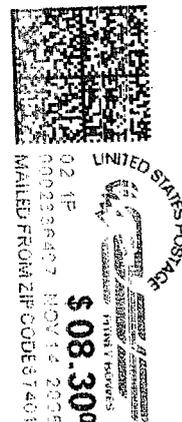
2. 7006 0100 0007 2049 5850

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

ROSETTA RESOURCES INC  
1200 17TH STREET, SUITE 770  
DENVER, CO 80202



PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS. FOLD AT DOTTED LINE

**U.S. Postal Service™**  
**CERTIFIED MAIL™ RECEIPT**  
*(Domestic Mail Only; No Insurance Coverage Provided)*

For delivery information visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

7006 0100 0007 2049 5850  
 7006 0100 0007 2049 5850

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

Postmark Here

Sender  
*Roxella Resources Inc.*  
 Street Apt. No. or P.O. Box  
*1200 17th Street, Suite 770*  
 City, State, ZIP+4  
*Denver CO 80202*

PS Form 3800, June 2002 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:  
*Roxella Resources Inc*  
*1200 17th Street, Suite 770*  
*Denver Co 80202*

**COMPLETE THIS SECTION ON DELIVERY**

- A. Signature  Agent  
 Addressee
- B. Received by (Printed Name)  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. 7006 0100 0007 2049 5850



**COLEMAN OIL & GAS, INC.**

**Bryan Lewis**  
e-mail: cogblewis@yahoo.com

**CERTIFIED RETURN RECEIPT REQUESTED**  
**7006 0100 0007 2049 5867**

Tuesday, November 07, 2006

Well Fleet Drilling  
1801 Broadway, Suite 1203  
Denver, CO 80202

**RE: NOTICE OF INTENT TO INJECT**  
**Juniper West SWD #1 Well**  
**700 FSL 1715 FWL**  
**Section 24-T24N-R11W**  
**San Juan County, New Mexico**

Ladies and Gentlemen:

Please be advised that Coleman Oil & Gas, Inc. is applying for a permit to dispose of produced water from the Fruitland formation into the Mesa Verde formation in the proposed Juniper West SWD # 1 well to be located in Section 24, Unit M, Township 24 North, Range 11 West located 700 FSL and 1715 FWL.

There are two injection zones of interest in the Mesa Verde formation. The primary zone is the Point Lookout interval located from 3360 – 3565 feet with injection pressures anticipated to be between 670 – 1880 psig. The secondary zone is the Menefee interval between 2310 – 3360 feet with injection pressures anticipated to be 490 – 1375 psig. Coleman plans to dispose of approximately 2000 BWPD with a maximum of 4000 BWPD.

Pursuant to NMOCD regulations, this letter is intended to serve as notice of the application and to inform you of your rights as an offsetting operator to object and file for a hearing with the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico, 87504 within 15 days of receipt of this letter.

Well Fleet Drilling  
Tuesday, November 07, 2006  
Page 2

A copy of the application for the disposal permit is enclosed for your convenience. If you have questions of a technical nature please speak with Mike Hanson at the letterhead phone number. Land questions can be directed to me.

Sincerely,

A handwritten signature in black ink that reads "Bryan Lewis". The signature is written in a cursive style with a large, prominent initial "B".

Bryan Lewis  
Landman

COLEMAN OIL & GAS, INC.  
POST OFFICE DRAWER 3337  
FARMINGTON, NM 87499-3337

7006 0100 0007 2049 5867

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"><li>■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li><li>■ Print your name and address on the reverse so that we can return the card to you.</li><li>■ Attach this card to the back of the mailpiece, or on the front if space permits.</li></ul>	A. Signature <b>X</b> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee	
1. Article Addressed to: <i>Well Fleet Drilling 1801 Broadway, Suite 1203 Denver CO 80202</i>	B. Received by (Printed Name)	C. Date of Delivery
	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	
	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	

2 7006 0100 0007 2049 5867

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

WELL FLEET DRILLING / CDX GAS LLC  
1801 BROADWAY, SUITE 1203  
DENVER, CO 80202



**U.S. Postal Service™  
CERTIFIED MAIL™ RECEIPT  
(Domestic Mail Only; No Insurance Coverage Provided)**

For delivery information visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

2985 6402 2000 0070 9002  
2985 6402 2049 0007 9002

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

Postmark  
Here

Sent Well Fleet Drilling  
 Street, Apt. No. 1801 Broadway, Suite 1203  
 or PO Box  
 City, State, ZIP+4 Denver CO 80202  
 PS Form 3800, June 2002 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:  
Well Fleet Drilling  
1801 Broadway, Suite 1203  
Denver CO 80202

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  Addressee

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

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

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

4. Restricted Delivery? (Extra Fee)  Yes  No

2 7006 0100 0007 2049 5867

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS. FOLD AT DOTTED LINE

**CERTIFIED MAIL™**



**COLEMAN OIL & GAS, INC.**

**Bryan Lewis**  
e-mail: cogblewis@yahoo.com

**CERTIFIED RETURN RECEIPT REQUESTED**  
**7006 0100 0007 2049 5874**

Tuesday, November 07, 2006

Well Fleet Drilling c/o CDX Gas LLC  
5485 Beltline Road, Suite 190  
Dallas, TX 75254

**RE: NOTICE OF INTENT TO INJECT**  
**Juniper West SWD #1 Well**  
**700 FSL 1715 FWL**  
**Section 24-T24N-R11W**  
**San Juan County, New Mexico**

Ladies and Gentlemen:

Please be advised that Coleman Oil & Gas, Inc. is applying for a permit to dispose of produced water from the Fruitland formation into the Mesa Verde formation in the proposed Juniper West SWD # 1 well to be located in Section 24, Unit M, Township 24 North, Range 11 West located 700 FSL and 1715 FWL.

There are two injection zones of interest in the Mesa Verde formation. The primary zone is the Point Lookout interval located from 3360 – 3565 feet with injection pressures anticipated to be between 670 – 1880 psig. The secondary zone is the Menefee interval between 2310 – 3360 feet with injection pressures anticipated to be 490 – 1375 psig. Coleman plans to dispose of approximately 2000 BWPD with a maximum of 4000 BWPD.

Pursuant to NMOCD regulations, this letter is intended to serve as notice of the application and to inform you of your rights as an offsetting operator to object and file for a hearing with the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico, 87504 within 15 days of receipt of this letter.

Well Fleet Drilling c/o CDX Gas LLC  
Tuesday, November 07, 2006  
Page 2

A copy of the application for the disposal permit is enclosed for your convenience. If you have questions of a technical nature please speak with Mike Hanson at the letterhead phone number. Land questions can be directed to me.

Sincerely,

A handwritten signature in black ink that reads "Bryan Lewis". The signature is written in a cursive style with a large, looping initial "B".

Bryan Lewis  
Landman

cc: Mr. Rich Corcoran @ CDX Gas, LLC

COLEMAN OIL & GAS, INC.  
POST OFFICE DRAWER 3337  
FARMINGTON, NM 87409-3337

**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:  
*Well Fleet Drilling  
c/o CDX Gas LLC  
5485 Beltline Road,  
Suite 190  
Dallas TX 75254.*

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
**X**  Addressee

B. Received by (Printed Name) 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

7006 0100 0007 2049 5874

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

7006 0100 0007 2049 5874

WELL FLEET DRILLING / CDX GAS LLC  
5485 BELTLINE ROAD, SUITE 190  
DALLAS, TX 75254



UNITED STATES POSTAGE  
02 1P  
0002086407 NOV 14 2006  
MAILED FROM ZIP CODE 87401  
**\$08.30**

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS. FOLD AT DOTTED LINE.

**U.S. Postal Service™  
CERTIFIED MAIL™ RECEIPT  
(Domestic Mail Only; No Insurance Coverage Provided)**

For delivery information, visit our website at [www.usps.com](http://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  
Well Fleet Drilling Co CDX Gas LLC  
5485 Beltline Road, Suite 190  
Dallas, TX 75254  
PS Form 3806, June 2002 See Reverse for instructions

7006 0100 0007 2049 5874  
7006 0100 0007 2049 5874

**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:  
Well Fleet Drilling  
5485 Beltline Road,  
Suite 190  
Dallas TX 75254

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  Addressee

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

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

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

4. Restricted Delivery? (Extra Fee)  Yes  No

7006 0100 0007 2049 5874



**COLEMAN OIL & GAS, INC.**

**Bryan Lewis**  
e-mail: cogblewis@yahoo.com

**CERTIFIED RETURN RECEIPT REQUESTED**  
**7006 0100 0007 2049 5881**

Tuesday, November 07, 2006

North American Petroleum Corporation USA  
1401 17th Street, Suite 310  
Denver, CO 80202

**RE: NOTICE OF INTENT TO INJECT**  
**Juniper West SWD #1 Well**  
**700 FSL 1715 FWL**  
**Section 24-T24N-R11W**  
**San Juan County, New Mexico**

Ladies and Gentlemen:

Please be advised that Coleman Oil & Gas, Inc. is applying for a permit to dispose of produced water from the Fruitland formation into the Mesa Verde formation in the proposed Juniper West SWD # 1 well to be located in Section 24, Unit M, Township 24 North, Range 11 West located 700 FSL and 1715 FWL.

There are two injection zones of interest in the Mesa Verde formation. The primary zone is the Point Lookout interval located from 3360 – 3565 feet with injection pressures anticipated to be between 670 – 1880 psig. The secondary zone is the Menefee interval between 2310 – 3360 feet with injection pressures anticipated to be 490 – 1375 psig. Coleman plans to dispose of approximately 2000 BWPD with a maximum of 4000 BWPD.

Pursuant to NMOCD regulations, this letter is intended to serve as notice of the application and to inform you of your rights as an offsetting operator to object and file for a hearing with the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico, 87504 within 15 days of receipt of this letter.

North American Petroleum Corporation USA  
Tuesday, November 07, 2006  
Page 2

A copy of the application for the disposal permit is enclosed for your convenience. If you have questions of a technical nature please speak with Mike Hanson at the letterhead phone number. Land questions can be directed to me.

Sincerely,

A handwritten signature in black ink that reads "Bryan Lewis". The signature is written in a cursive, flowing style with a large initial 'B' and 'L'.

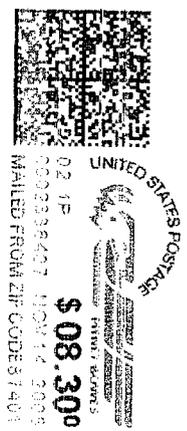
Bryan Lewis  
Landman

COLEMAN OIL & GAS, INC.  
POST OFFICE DRAWER 3337  
FARMINGTON, NM 87499-3337

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"><li>■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li><li>■ Print your name and address on the reverse so that we can return the card to you.</li><li>■ Attach this card to the back of the mailpiece, or on the front if space permits.</li></ul>	A. Signature <b>X</b> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee
1. Article Addressed to: <i>North American Petroleum Corp 1401 17th St., Ste 310 Denver CO 80202</i>	B. Received by (Printed Name) C. Date of Delivery
2. <u>7006 0100 0007 2049 5881</u>	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No
PS Form 3811, February 2004	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.
Domestic Return Receipt	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes
102595-02-M-1540	

7006 0100 0007 2049 5881

NORTH AMERICAN PETROL CORP USA  
1401 17TH STREET, SUITE 475-310  
DENVER, CO 80202



**U.S. Postal Service™  
CERTIFIED MAIL™ RECEIPT**  
*(Domestic Mail Only; No Insurance Coverage Provided)*

For delivery information, visit our website at [www.usps.com](http://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  
*North American Petroleum Corp*  
 Street Apt. No.:  
*1401 17th Street, Suite 310*  
 City, State, ZIP+4  
*Denver CO 80202*

PS Form 3811, June 2002 See Reverse for Instructions

7006 0200 0007 2049 5881  
 7006 0200 0007 2049 5881

**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:  
*North American Petroleum Corp*  
*1401 17th St., Ste 310*  
*Denver CO 80202*

**COMPLETE THIS SECTION ON DELIVERY**

- A. Signature  Agent
- B. Received by (Printed Name)  Addressee
- C. Date of Delivery
- D. Is delivery address different from item 1?  Yes  No  
 If YES, enter delivery address below:

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

4. Restricted Delivery? (Extra Fee)  Yes  No

2. 7006 0100 0007 2049 5881



**COLEMAN OIL & GAS, INC.**

**Bryan Lewis**  
e-mail: cogblewis@yahoo.com

**CERTIFIED RETURN RECEIPT REQUESTED**  
**7006 0100 0007 2049 5898**

Tuesday, November 07, 2006

EOG Resources, Inc.  
600 17th Street, Suite 1100 N  
Denver, CO 80202

**RE: NOTICE OF INTENT TO INJECT**  
**Juniper West SWD #1 Well**  
**700 FSL 1715 FWL**  
**Section 24-T24N-R11W**  
**San Juan County, New Mexico**

Ladies and Gentlemen:

Please be advised that Coleman Oil & Gas, Inc. is applying for a permit to dispose of produced water from the Fruitland formation into the Mesa Verde formation in the proposed Juniper West SWD # 1 well to be located in Section 24, Unit M, Township 24 North, Range 11 West located 700 FSL and 1715 FWL.

There are two injection zones of interest in the Mesa Verde formation. The primary zone is the Point Lookout interval located from 3360 – 3565 feet with injection pressures anticipated to be between 670 – 1880 psig. The secondary zone is the Menefee interval between 2310 – 3360 feet with injection pressures anticipated to be 490 – 1375 psig. Coleman plans to dispose of approximately 2000 BWPD with a maximum of 4000 BWPD.

Pursuant to NMOCD regulations, this letter is intended to serve as notice of the application and to inform you of your rights as an offsetting operator to object and file for a hearing with the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico, 87504 within 15 days of receipt of this letter.

EOG Resources, Inc.  
Tuesday, November 07, 2006  
Page 2

A copy of the application for the disposal permit is enclosed for your convenience. If you have questions of a technical nature please speak with Mike Hanson at the letterhead phone number. Land questions can be directed to me.

Sincerely,

A handwritten signature in black ink that reads "Bryan Lewis". The signature is written in a cursive style with a large, looping initial "B".

Bryan Lewis  
Landman

**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:

*EOG Resources Inc  
600 17th Street, Suite 1100 N  
Denver CO 80202*

2. 7006 0100 0007 2049 5898

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature

**X**

Agent

Addressee

B. Received by (Printed Name)

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.

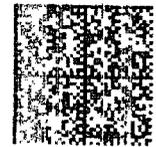
4. Restricted Delivery? (Extra Fee)

Yes

EMAN OIL & GAS, INC.  
OFFICE DRAWER 3337  
MINGTON, NM 87499-3337

7006 0100 0007 2049 5898

EOG RESOURCES, INC.  
600 17TH STREET, SUITE 1100 N  
DENVER, CO 80202



UNITED STATES POSTAGE  
02 1P  
0002066407 NOV 14 2006  
MAILED FROM ZIP CODE 81401  
\$08.30

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS, FOLD AT DOTTED LINE

**U.S. Postal Service™  
CERTIFIED MAIL™ RECEIPT**  
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at [www.usps.com](http://www.usps.com)  
**OFFICIAL USE**

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

Signature: *EOG Resources Inc*  
 Street, Apt. No.: *600 17th Street, Suite 1100N*  
 City, State, ZIP+4: *Denver CO 80202*  
 PS Form 3800, June 2002 See Reverse for Instructions

7006 0100 0000 2049 5898  
 7006 0100 0000 2049 5898

**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:  
*EOG Resources Inc*  
*600 17th Street, Suite 1100N*  
*Denver CO 80202*

**COMPLETE THIS SECTION ON DELIVERY**

- A. Signature  Agent  Addressee
- B. Received by (Printed Name)  Date of Delivery
- D. Is delivery address different from item 1?  Yes  No  
 If YES, enter delivery address below:

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
 4. Restricted Delivery? (Extra Fee)  Yes

2. 7006 0100 0007 2049 5898

## ATTACHMENT #9



COLEMAN OIL & GAS, INC.

June 5, 2006

Denise Henson  
Legal Notices – Classified  
Farmington Daily Times  
P.O. Box 450  
Farmington, NM 87499

FAX: (505) 564-4567

**RE: LEGAL NOTICE**

Dear Denise:

Please use the attached Legal Notice to be placed in the Daily Times. We would appreciate your sending Coleman Oil & Gas, Inc. a certified copy of this notice as it appears in the newspaper. The invoice billing address for Coleman Oil & Gas, Inc. is as follows:

**COLEMAN OIL & GAS, INC.  
P.O. DRAWER 3337  
FARMINGTON, NM 87499**

Thank you for your assistance in making this revision. Please let us know if you have any questions. Thank you.

Sincerely,

COLEMAN OIL & GAS, INC.

A handwritten signature in cursive script that reads 'Robbie Allen'.

Robbie Allen, C.P.A.  
Assistant to Michael T. Hanson, Engineer

enc/ra

xc: Well file

# **COLEMAN OIL & GAS, INC.**

## **LEGAL NOTICE**

Coleman Oil & Gas, Inc. proposes to drill and complete the Juniper West SWD#1 to be used for a water disposal well. The well will be located in Section 24, Township 24N, Range 11W. Produced Fruitland Coal water is to be disposed into the Menefee and Point Lookout, members of the Mesa Verde formation, at a maximum rate of 4000 bwpd at 1500 psig.

Questions concerning this proposal may be sent to Michael T. Hanson, Coleman Oil & Gas, Inc., P.O. Drawer 3337, Farmington, NM 87499, (505) 327-0356.

Interested parties have fifteen (15) days from the date of this notice to file comments, objections or requests for a hearing with the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, NM 87505.

**AFFIDAVIT OF PUBLICATION**

**Ad No. 53555**

**STATE OF NEW MEXICO  
County of San Juan:**

CONNIE PRUITT, being duly sworn says:  
That she is the ADVERTISING MANAGER of  
THE DAILY TIMES, a daily newspaper of  
general circulation published in English at  
Farmington, said county and state, and that  
the hereto attached Legal Notice was  
published in a regular and entire issue of the  
said DAILY TIMES, a daily newspaper duly  
qualified for the purpose within the meaning of  
Chapter 167 of the 1937 Session Laws of the  
State of New Mexico for publication and  
appeared in the Internet at The Daily Times  
web site on the following day(s):

Thursday, June 8, 2006.

And the cost of the publication is \$49.49.

Connie Pruitt

ON 6/13/06 CONNIE PRUITT  
appeared before me, whom I know personally  
to be the person who signed the above  
document.

Wynell Corey  
My Commission Expires November 17, 2008.

**COPY OF PUBLICATION**

918 Legals  
**COLEMAN OIL & GAS,  
INC.**

**LEGAL NOTICE**

Coleman Oil & Gas, Inc. proposes to drill and complete the Juniper West SWD#1 to be used for a water disposed well. The well will be located in Section 24, Township 24N, Range 11W. Produced Fruitland Coal water is to be disposed into the Menefee and Point Lookout members of the Mesa Verde formation, at a maximum rate of 4000 bwpd at 1500 psig.

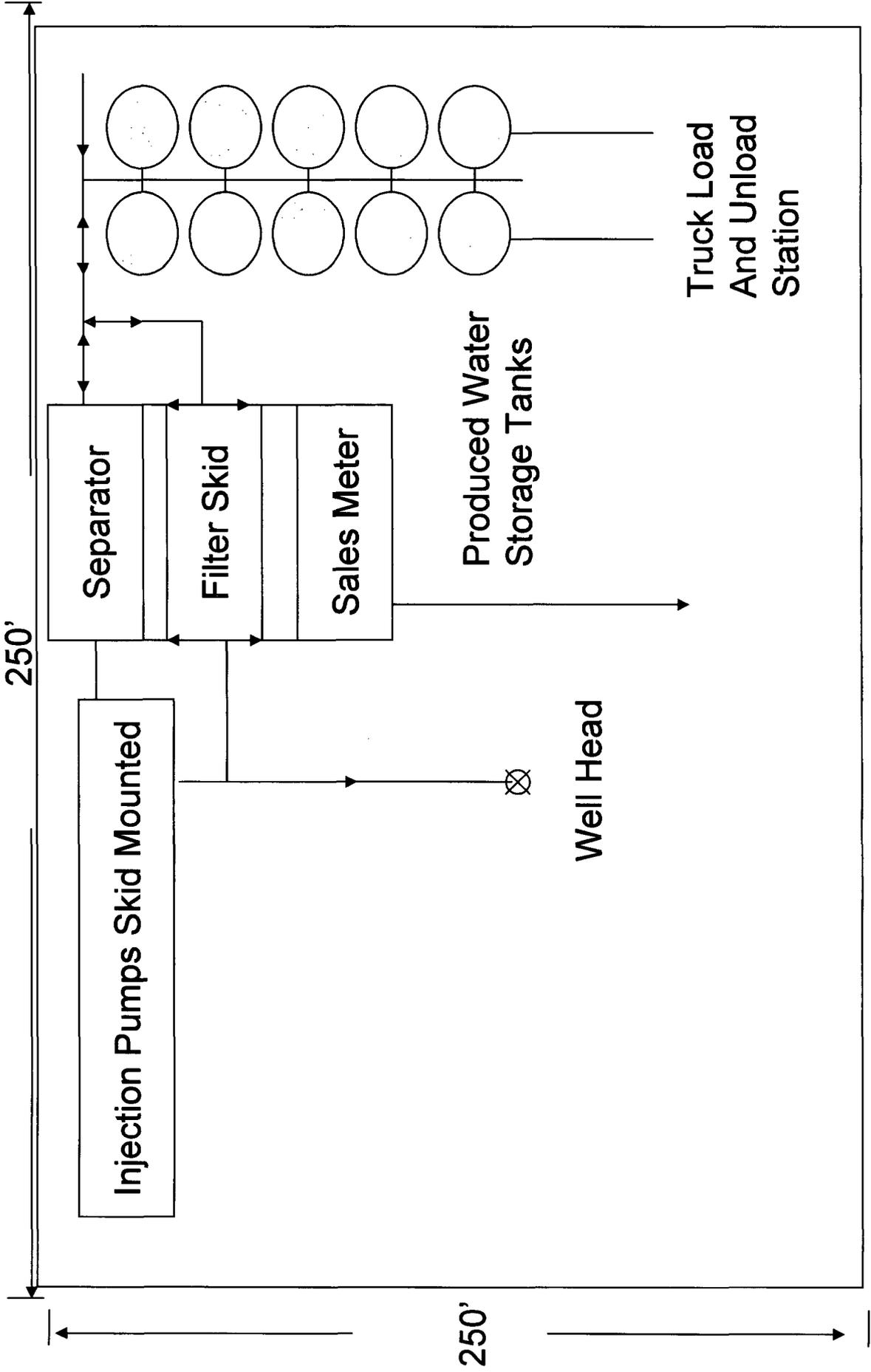
Questions concerning this proposal may be sent to Michael T. Hanson, Coleman Oil & Gas, Inc., P.O. Drawer 3337, Farmington, NM 87499, (505) 327-0356.

Interested parties have fifteen (15) days from the date of this notice to file comments, objections or requests for a hearing with the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, NM 87505.

Legal No. 53555 published in The Daily Times, Farmington, New Mexico on Thursday, June 8, 2006.

## **ATTACHMENT #4**

Coleman Oil & Gas, Inc.  
Juniper West SWD #1  
700' FSL & 1715' FWL Section 24, T24N, R11W, NMPM  
San Juan County, NM



## ATTACHMENT #5

OFF: (505) 325-5667  
 FAX: (505) 327-1496



LAB: (505) 325-1556  
 FAX: (505) 327-1496

**ANALYTICAL REPORT**

Date: 14-Jul-00

Client:	Coleman Oil and Gas Company	Client Sample Info:	Coleman Oil & Gas
Work Order:	0006052	Client Sample ID:	Juniper #1
Lab ID:	0006052-01A	Matrix:	AQUEOUS
Project:	Juniper #1	Collection Date:	6/21/2000 5:00:00 PM
		COC Record:	10748

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>CALCIUM, DISSOLVED</b>		<b>E215.1</b>				Analyst: HR
Calcium	120	25		mg/L	100	7/10/2000
<b>IRON, DISSOLVED</b>		<b>E236.1</b>				Analyst: HR
Iron	0.17	0.1		mg/L	1	7/11/2000
<b>POTASSIUM, DISSOLVED</b>		<b>E258.1</b>				Analyst: HR
Potassium	43	5		mg/L	20	6/30/2000
<b>MAGNESIUM, DISSOLVED</b>		<b>E242.1</b>				Analyst: HR
Magnesium	30	2.5		mg/L	10	7/10/2000
<b>SODIUM, DISSOLVED</b>		<b>E273.1</b>				Analyst: HR
Sodium	4880	1000		mg/L	4000	6/30/2000
<b>ALKALINITY, TOTAL</b>		<b>M2320 B</b>				Analyst: HR
Alkalinity, Bicarbonate (As CaCO3)	500	5		mg/L CaCO3	1	6/29/2000
Alkalinity, Carbonate (As CaCO3)	ND	5		mg/L CaCO3	1	6/29/2000
Alkalinity, Hydroxide	ND	5		mg/L CaCO3	1	6/29/2000
Alkalinity, Total (As CaCO3)	500	5		mg/L CaCO3	1	6/29/2000
<b>CHLORIDE</b>		<b>E325.3</b>				Analyst: HR
Chloride	7550	1		mg/L	1	6/29/2000
<b>HARDNESS, TOTAL</b>		<b>M2340 B</b>				Analyst: HR
Hardness (As CaCO3)	430	1		mg/L	1	6/27/2000
<b>PH</b>		<b>E150.1</b>				Analyst: HR
pH	7.44	2		pH units	1	6/22/2000
<b>RESISTIVITY (@ 25 DEG. C)</b>		<b>M2510 C</b>				Analyst: HR
Resistivity	0.427	0.001		ohm-m	1	6/27/2000
<b>SPECIFIC GRAVITY</b>		<b>M2710 F</b>				Analyst: HR
Specific Gravity	1.009	0.001		Units	1	6/28/2000
<b>SULFATE</b>		<b>M4500-SO4 D</b>				Analyst: HR
Sulfate	5.1	5		mg/L	1	6/29/2000
<b>TOTAL DISSOLVED SOLIDS</b>		<b>E160.1</b>				Analyst: HR
Total Dissolved Solids (Residue, Filterable)	13900	40		mg/L	1	6/27/2000
<b>TOTAL DISSOLVED SOLIDS</b>		<b>CALC</b>				Analyst: HR
Total Dissolved Solids (Calculated)	12900	40		mg/L	1	7/11/2000

Qualifiers: PQL - Practical Quantitation Limit  
 ND - Not Detected at Practical Quantitation Limit  
 J - Analyte detected below Practical Quantitation Limit  
 B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 Surr - Surrogate

## ATTACHMENT #6

## Injection Permit Checklist

SWD Order Number 1055 Dates: Division Approved \_\_\_\_\_ District Approved \_\_\_\_\_

Information Request Letter or Email sent \_\_\_\_\_

Well Name/Num: JUNIPER WEST SWD #1 Date Spudded: New

API Num: (30-) 045-33771 County: \_\_\_\_\_

Footages 700 EBL/1715 FWL Sec 24 Tsp 24N Rge 11W

Operator Name: COLEMAN OIL & GAS, INC Contact MICHAEL T. HANSEN

Operator Address: \_\_\_\_\_

	Hole/Pipe Sizes	Depths	Cement	Top/Method
Surface	<u>12 1/4 8 5/8</u>	<u>235'</u>	<u>165SX</u>	<u>Surf</u>
Intermediate				
Production	<u>7 7/8 5 1/2</u>	<u>3640'</u>	<u>509SX</u>	<u>Surf</u>
Last DV Tool		<u>1255'</u>		
Open Hole/Liner				
Plug Back Depth				

Diagrams Included (Y/N): Before Conversion \_\_\_\_\_ After Conversion

Checks (Y/N): Well File Reviewed \_\_\_\_\_ ELogs in Imaging \_\_\_\_\_

Intervals:	Depths	Formation	Producing (Yes/No)
<del>Salt/Potash</del>			
<del>Gepitan Reef</del>			
Cliff House, Etc:	<u>1022'</u>	<u>PG</u>	
Formation Above	<u>1400-1664</u>	<u>Chico</u>	<u>NON PRODUCER</u>
Top Inj Interval	<u>2310</u>	<u>Manganese</u>	<u>462</u> PSI Max. WHIP
Bottom Inj Interval	<u>3565</u>	<u>Point Lookout</u>	<u>NO</u> Open Hole (Y/N)
Formation Below		<u>Sallys</u>	<u>NO</u> Deviated Hole (Y/N)

1932' = CAFFE HOUSE

Fresh Water Site Exists (Y/N) No. Analysis Included (Y/N): \_\_\_\_\_

Salt Water Analysis: Injection Zone (Y/N/NA) \_\_\_\_\_ Disposal Waters (Y/N/NA) \_\_\_\_\_ Types: \_\_\_\_\_

Affirmative Statement Included (Y/N):  Newspaper Notice Adequate (Y/N)  Well Table Adequate (Y/N) \_\_\_\_\_

Surface Owner BLM Noticed (Y/N)  Mineral Owner(s) \_\_\_\_\_

AOR Owners: NAPCUS, wellfleet, Kowalla, ECG, Coleman Noticed (Y/N) \_\_\_\_\_

CID/Potash/Etc Owners: \_\_\_\_\_ Noticed (Y/N) \_\_\_\_\_

AOR Num Active Wells 0 Repairs? \_\_\_\_\_ Producing in Injection Interval in AOR \_\_\_\_\_

AOR Num of P&A Wells 0 Repairs? \_\_\_\_\_ Diagrams Included? \_\_\_\_\_

Data to Generate New AOR Table

New Table Generated? (Y/N)

	STR	E-W Footages	N-S Footages
Wellsite			
Northeast			
North			
Northwest			
West			
Southwest			
South			
Southeast			
East			

Conditions of Approval:

1. Run operator of E DIL's
  2. SWAB Manufac Before FRAC
  3. \_\_\_\_\_
  4. Let SNH review LOGS before perforator.
- RBDMS Updated (Y/N)
- UIC Form Completed (Y/N)
- This Form completed 11/20/06