DATE IN 11/13/14	SUSPENSE	ENGINEER ~~PRG~~ MAM	LOGGED IN 11/14/2014	TYPE SWD	APP NO. pMAM1431836728

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]

-SWD
-Ray Westall Operating, Inc
119305

[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 _____

RECEIVED OCD
2014 NOV 13 P 2:56

[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

well
-Cedro APG State Com #1
30-015-28487
Pool
-SWD; Wolfcamp-Cisco
96136

[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.

Ben Stone		Agent for Ray Westall Operating, Inc.	10/07/14
Print or Type Name	Signature	Title	Date

ben@sosconsulting.us
e-mail Address

November 7, 2014

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

Attn: Ms. Jami Bailey, Director

Re: Application of Ray Westall Operating, Inc. to permit for salt water disposal in its Cedro 'APG' State Com No.1 well located in Section 36, Township 17 South, Range 30 East, NMPM, Eddy County, New Mexico.

Dear Ms. Bailey,

Please find enclosed form C-108 Application for Authority to Inject, supporting the above-referenced request to covert for disposal, the Cedro 'APG' State Com Well No.1.

Ray Westall Operating seeks to optimize efficiency, both economically and operationally, of its operations. Approval of this application is consistent with that goal as well as the NMOCD's mission of preventing waste and protection of correlative rights.

Published legal notice ran in the October 28, 2014 edition of the Artesia Daily Press and all offset operators and other interested parties have been notified individually. The legal notice affidavit is included in this application package. This application also includes wellbore schematics, area of review maps, leaseholder plats and other required information for a complete Form C-108. The well is located on state land and minerals and a copy of this application has been submitted to the State Land Office, Oil and Gas Division.

I respectfully request that the approval of this salt water disposal well proceed swiftly and if you or your staff requires additional information or has any questions, please do not hesitate to call or email me.

Best regards,

Ben Stone, Partner
SOS Consulting, LLC
Agent for Ray Westall Operating, Inc.

Cc: Application attachment and file

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: ***Salt Water Disposal*** and the application ***qualifies*** for administrative approval.

II. OPERATOR: ***Ray Westall Operating, Inc.***
ADDRESS: ***P.O. Box 4, Loco Hills, NM 88255***

CONTACT PARTY: ***Donnie Mathews (575) 677-2372***
Agent: SOS Consulting, LLC – Ben Stone (903) 488-9850

III. WELL DATA: ***All well data and applicable wellbore diagrams are attached hereto.***

IV. ***This is not an expansion of an existing project.***

V. ***A map is attached*** 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. ***A tabulation is attached*** of data on all wells of public record within the area of review which penetrate the proposed injection zone. ***(6 AOR wells penetrate the subject interval - 1 P&A.)*** *The data includes* a description of each well's type, construction, date drilled, location, depth, and a ***schematic of any plugged well*** illustrating all plugging detail.

VII. ***The following data is attached*** 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. ***Appropriate geologic data on the injection zone is attached*** 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. ***No stimulation program is proposed at this time.***

*X. ***There is no applicable test data on the well however, any previous well logs (2 well logs available via OCD Online) have been filed with the Division and they need not be resubmitted.***

*XI. ***State Engineer's records indicates there are NO water wells within one mile the proposed salt water disposal well.***

XII. ***An affirmative statement is attached that available geologic and engineering data has been examined and no evidence was found*** of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.

XIII. ***"Proof of Notice" section on the next page of this form has been completed.***
There are 26 offset lessees and/or operators plus BLM and state minerals within one mile - all have been noticed.

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: ***Ben Stone*** TITLE: ***SOS Consulting, LLC agent / consultant for Ray Westall Operating, Inc.***

SIGNATURE: _____ DATE: ***11/07/2014***

E-MAIL ADDRESS: ***ben@sosconsulting.us***

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

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

CURRENT CONFIGURATION

ACTIVE - ON P&A LIST

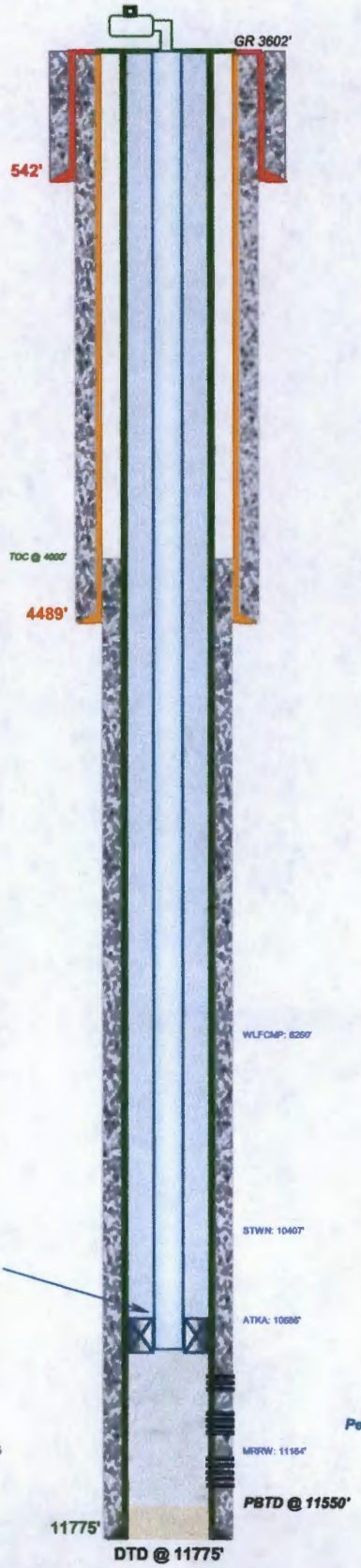
Cedro APG State Com Well No.1

Non-Economic Gas Well
Enervest Operating, LLC
Scheduled for P&A

TRANSFER IN PROCESS
to Ray Westall Operating, Inc.

API 30-015-28487
660' FNL & 2230' FWL, SEC. 36-T17S-R30E
EDDY COUNTY, NEW MEXICO

Spud Date: 10/28/1995
P&A Date: TBD



Surface Casing
13.375", 54.5# Csg. (17.5" Hole) @ 542'
1175 sx - Circulated to Surface

Intermediate Casing
8.625", 32.0# Csg. (12.25" Hole) @ 4489'
1900 sx - Circulated to Surface

Production Casing
5.5", 17.0# Csg (7.75" Hole) @ 11775'
1125 sx Cls 'H' Neat - TOC @ 4000' by Calc.

Perfs: 10853'- 58', 10992'- 11006, 11392'- 11423'

SOS Consulting, LLC
Drawn by: Ben Stone, 10/28/2014

III. WELL DATA – ***The following information and data is included:***

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 ***pursuant to the following criteria is attached.***

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.

WELL SCHEMATIC - PROPOSED CONFIGURATION

Cedro APG State Well No.1 SWD

API 30-015-28487
660' FNL & 2230' FWL, SEC. 36-T17S-R30E
EDDY COUNTY, NEW MEXICO

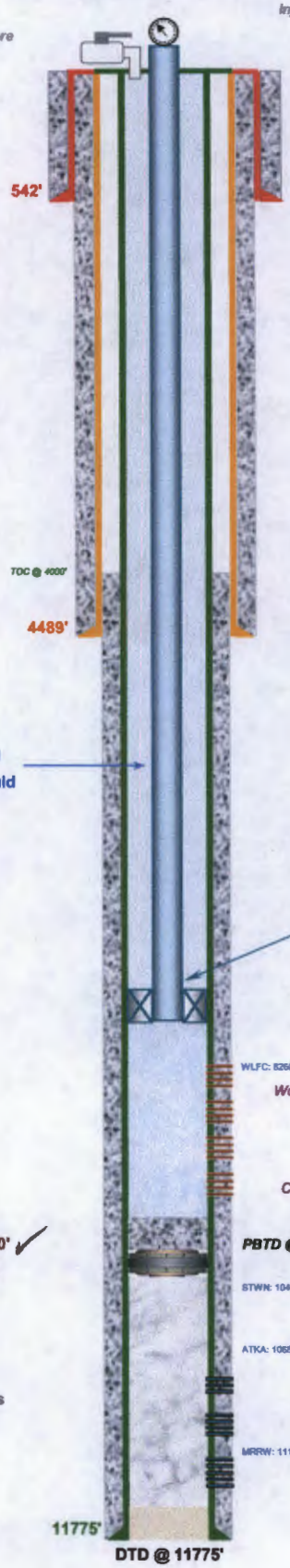
Spud Date: 10/28/1995
SWD Config Date: TBD

Annulus Monitored or open to atomosphere

Injection Pressure Regulated and Volumes Reported 1652 psi Surface Max

RAY WESTALL OPERATING, INC.

Convert to SWD: Pull production tubing. Set CIBP @ 9200' or 9850' w/ 30' Cmt Cap. Perforate Specific Intervals based on logs. Run PC Tubing and PKR - Conduct MIT. Commence Disposal Operations.



Surface Casing
13.375", 54.5# Csg. (17.5" Hole) @ 542'
1175 sx - Circulated to Surface

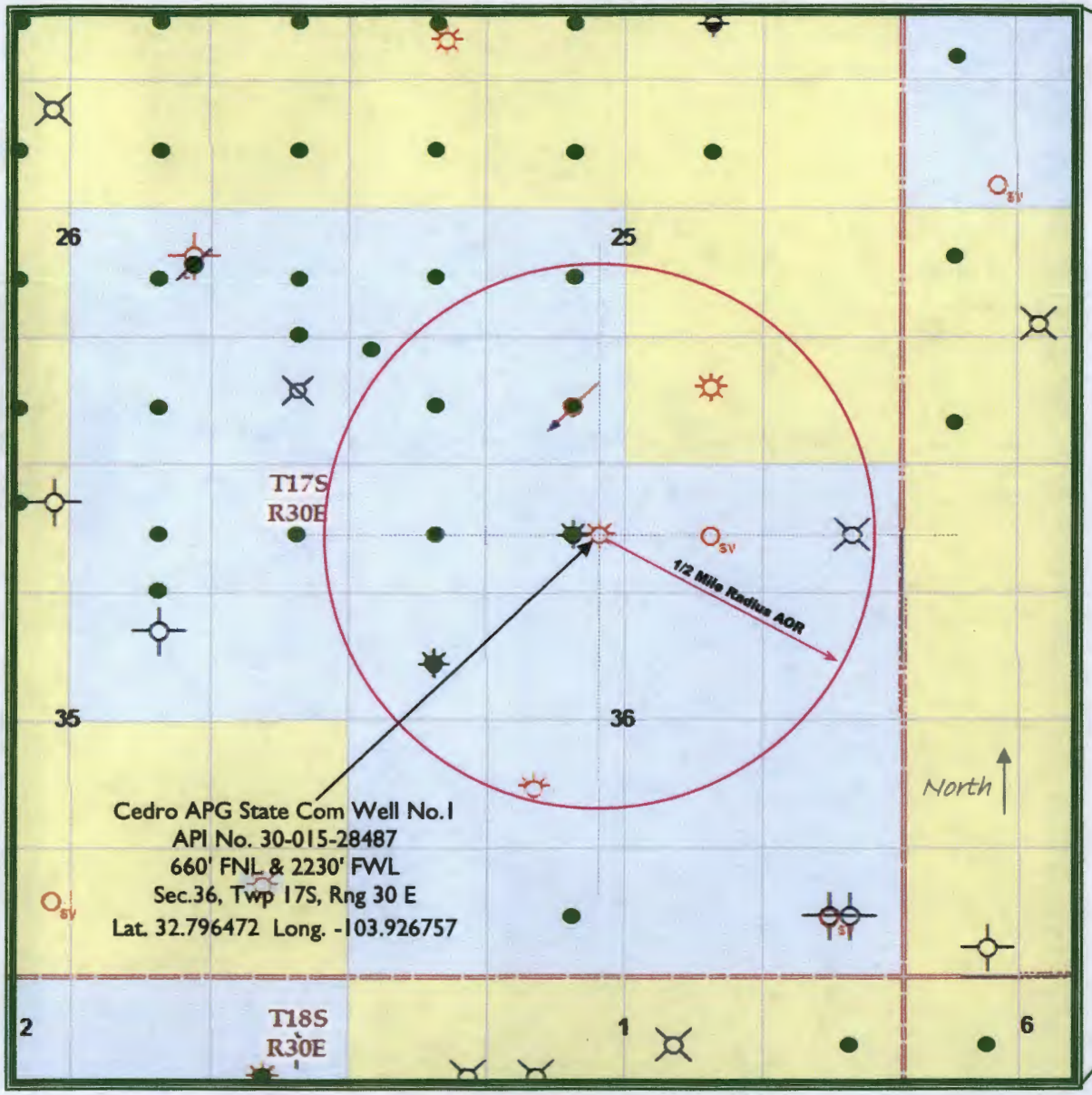
Intermediate Casing
8.625", 32.0# Csg. (12.25" Hole) @ 4489'
1900 sx - Circulated to Surface

Production Casing
5.5", 17.0# Csg (7.75" Hole) @ 11775'
1125 sx Cls 'H' Neat - TOC @ 4000' by Calc.

SOS Consulting, LLC
Drawn by: Ben Stone, 10/28/2014

Cedro Lake 'APG' State Com Well No.1 - Area of Review / Overview Map

(Attachment to NMOCD Form C-108 - Item V)



~4.5 miles Southeast of Loco Hills, NM

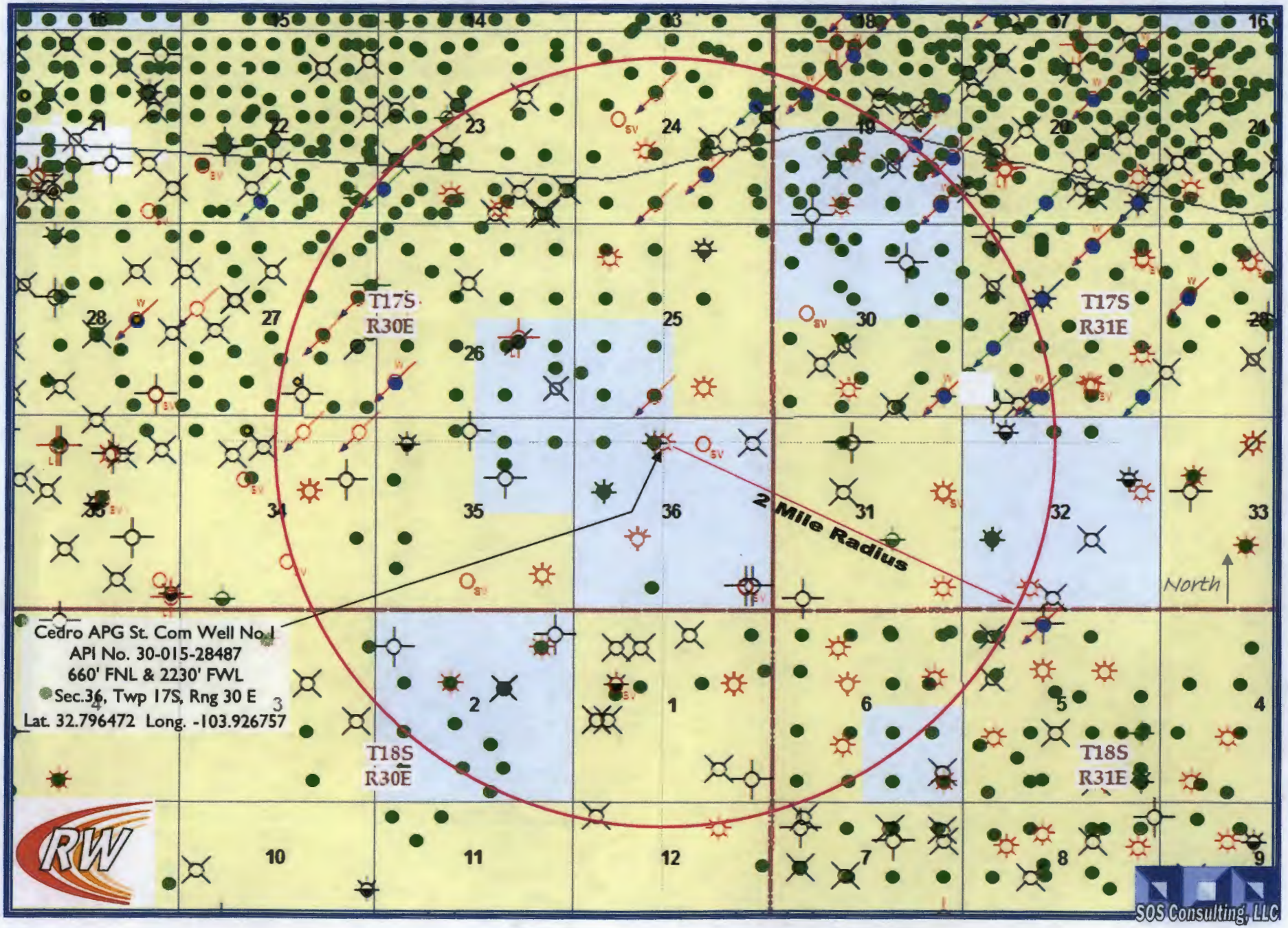
Eddy County, New Mexico

RAY WESTALL OPERATING, INC.

SOS Consulting, LLC

Cedro APG State Com Well No.1 - Area of Review / 2 Miles

(Attachment to NMOCD Form C-108 - Item V)



Form C-108 Item VI - Tabulation of AOR Wells

Top of Proposed WOLFCAMP Interval 8260'

Wells that PENETRATE Proposed Injection Zone.

Subject Well

30-015-28487	[143199] ENERVEST OPERATING L.L.C.	CEDRO APG STATE COM	#001	Gas	State	Active	C	36-17S-30E	17S	
13.375" (17.5" hole) @ 410' w/ 650 sx – circ.; 8.625" (11.0" hole) @ 4507' w/ 2200 sx - circ.; 5.5" (7.875" hole) to 11,500' w/ 1200 sx - TOC @ 7060'; D/O to 10,200'; Config. SWD; SEE										

API	*Current Operator*	*Well Name*	*Well No.*	*Type*	*Lease*	*Status*	*UL*	*S-T-R*	*TV Depth*	*P&A Dt.*
Section 36 Wells										
30-015-04454	[214263] PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#001	Oil		P&A	A	36-17S-30E	11961'	1/1/1900
										SEE P&A DIAGRAM.
30-015-38977	[873] APACHE CORP	APACHE STATE SWD	#001	SWD	State	Active	B	36-17S-30E	9703'	
13.375" (17.5" hole) @ 491' w/ 520 sx – circ.; 9.625" (12.25" hole) @ 4490' w/ 1475 sx; 7.0" (8.75" hole) @ 9704 w/ 1490 sx – circ.										
30-015-04453	[145295] PENDRAGON ENERGY PRTNRS INC.	AMOCO STATE	#001	Oil	State	P&A	C	36-17S-30E	3390'	1/31/2001
										DOES NOT PENETRATE.
30-015-28487	[143199] ENERVEST OPERATING L.L.C.	CEDRO APG STATE COM	#001	Gas	State	Active	C	36-17S-30E	11775'	
13.375" (17.5" hole) @ 542' w/ 1175 sx – circ.; 8.625" (12.25" hole) @ 4489' w/ 1900 sx – circ.; 5.5" (7.875" hole) @ 11775' w/ 1125 sx – TOC 4000' by calc.										
30-015-04452	[149538] ASHER ENTERPRISES LTD. CO.	GRAYBURG JACKSON UNIT	#001R	Oil	State	Active	D	36-17S-30E	3354'	
										DOES NOT PENETRATE.
30-015-04451	[145295] PENDRAGON ENERGY PRTNRS INC.	AMOCO STATE	#002	Oil	State	P&A	E	36-17S-30E	3400'	2/2/2001
										DOES NOT PENETRATE.
30-015-30405	[3080] BURNETT OIL CO INC	CEDAR LAKE 36 STATE	#001	SWD	State	New	K	36-17S-30E	11750'	30E
11.75" (14.75" hole) @ 665' w/ 425 sx – circ.; 8.625" (11" hole) @ 4459' w/ 1350 sx – circ.; 5.5" (7.875" hole) @ 9215' w/ 2025 sx – circ. to surf.										
30-015-41733	[3080] BURNETT OIL CO INC	BURNETT 36 SWD	#001	SWD	State	New	L	36-17S-30E	9700'	30E
13.375" (17.5" hole) @ 500' w/ 450 sx – circ.; 9.625" (12.25" hole) @ 4489' w/ 1235 sx – circ.; 7.0" (8.75" hole) @ 9700' w/ 1165 sx – circ.										
Section 25 Wells										
30-015-04322	[149538] ASHER ENTERPRISES LTD. CO.	GRAYBURG JACKSON UNIT	#006A	Oil	Federal	Active	K	25-17S-30E	3293'	
										DOES NOT PENETRATE.
30-015-04323	[149538] ASHER ENTERPRISES LTD. CO.	GRAYBURG JACKSON UNIT	#007	Oil	Federal	Active	M	25-17S-30E	3305'	
										DOES NOT PENETRATE.

SOS Consulting, LLC

Form C-108 Item VI - Tabulation of AOR Wells (cont.)

Section 25 Wells (cont.)

API	Current Operator	Well Name	Well No.	Type	Lease	Status	UL	S-T-R	TV Depth	P&A Dt.
30-015-04324	[214263] PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#008	Oil		P&A	N	25-17S-30E	3367'	1/1/1900
										DOES NOT PENETRATE.
30-015-04325	[214263] PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#001	Oil		P&A	O	25-17S-30E	3545'	1/1/1900
										DOES NOT PENETRATE.
30-015-28171	[143199] ENERVEST OPERATING L.L.C.	LAGUNA CEDRO AOM FED	#001	Gas	Federal	Active	O	25-17S-30E	11765'	
	13.375" (17.5" hole) @ 431' w/ 600 sx – circ.; 8.625" (11.0" hole) @ 4523' w/ 1700 sx; 5.5" (7.875" hole) @ 11765 w/ 1325 sx – circ.									

179/30E Permitted - Not Drilled
Cedar Lake 35 Fed #1 (30-015-26969) UL B of 35
WC 8210' to 8975'

175/31E UL H of 31
SWD-1220 (8/5/2010)
Power 31 Fed. #3 (30-015-31806) WC 8540' to 9400' No IPI

SUMMARY: 6 wells penetrate proposed disposal interval. 1 P&A.

18S/30E UL E of Sec 1
SWD-1191 (9/15/09) Endurance-Active
99 SWD #1 (30-15-[illegible]) WC 8760' to 9270' No IPI

SWD's in Area

17S/30E

UL P of 36
SWD-1146 (10/16/2008) COG-Active
Loco Hills SWD #1 (30-015-31635) WC 8810' to 9162' No IPI

UL B of 36
SWD-1271A (5/29/2012) Apache-Active
Apache State SWD #1 (30-015-38[illegible]) order amended to deeper to Devonian - Ellenburger following poor injection rates in Cisco

UL F of 34
SWD-1284 (6/11/2011) COG-Active
Loco Hills SWD 34 #5 WC 8500' to 9250' No IPI

SOS Consulting, LLC

C-108 ITEM VI – AOR WELL INFORMATION

Plugged Well Schematics

PLUGGED WELL SCHEMATIC

Pre-ONGARD Well

(Formerly: El Paso State Well No.1)

API 30-015-04454

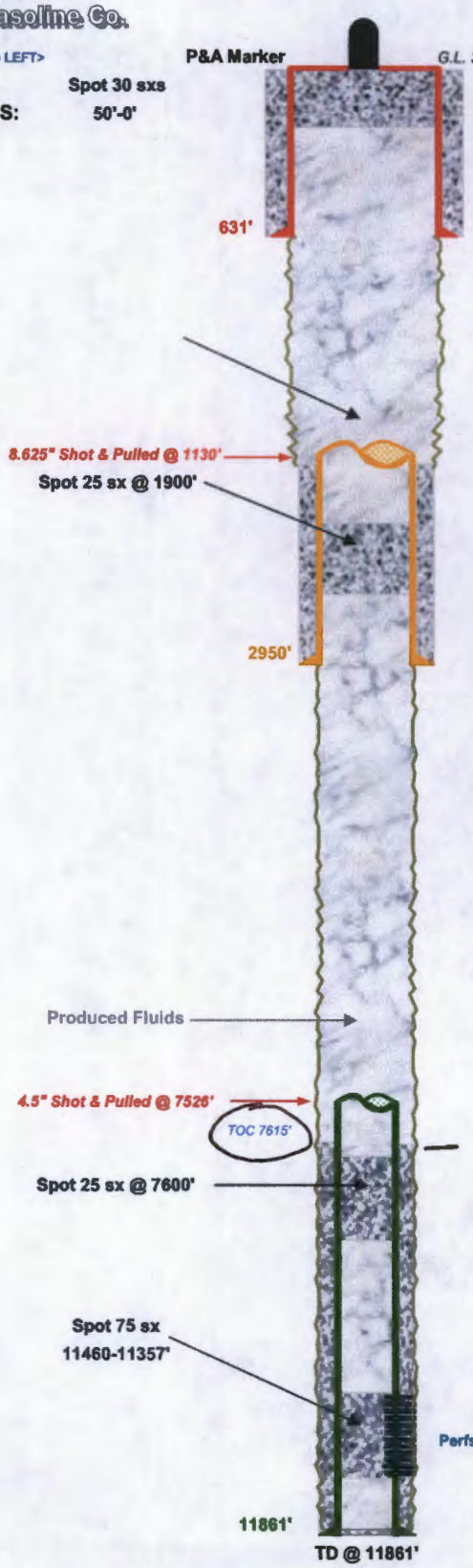
660' FNL & 660' FEL, SEC. 36-T17S-R30E
EDDY COUNTY, NEW MEXICO

Spud Date: 11/21/1960
P&A Date: 2/16/1965

Well plugged by:
Odessa Natural Gasoline Co.

<PLUGGING ITEMS LISTED LEFT>

<PRE-P&A EXISTING ITEMS LISTED RIGHT>



Surface Casing

13.375", 48.0# Csg. (17.5" Hole) @ 631'
600 sx ('C') - Circulated to Surface

Surface Casing

8.625", 32.0# Csg. (11.0" Hole) @ 2950'
500 sx ('C') - Circulated to Surface

<P&A SUBSEQUENT SUNDRY>

NEW MEXICO OIL CONSERVATION COMMISSION

SUNDRY NOTICES AND REPORTS ON WELLS

Lease No. E-6014

Odessa Natural Gasoline Company
Box 3908, Odessa, Texas
El Paso State
Well No. 1
Unit Letter A, 660 Feet From The North Line And 660 Feet From The East Line, Section 36, Township 17S, Range 30E
Field: Cedar Lake (Morrow)
Elevation: 3654' DF
County: Eddy

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

2-10-65: P & A operations started.
Spotted 75 sack cement plug across perforations 11357-460'.
Cut 4-1/2" casing at 7526' & recovered all pipe.
Spotted 25 sack cement plug at 7600'.
Cut 8-5/8" csg. @ 1130' & recovered all pipe.
Spotted 25 sack cement plug in 8-5/8" casing at 1900'.
Set 30 sack cement plug in 13-3/8" csg. at surface. Filled in cellar, set marker and leveled location.

2-16-65: P&A operations completed.

RECEIVED
MAR 5 1965
O. C. C.
ARTESIA, OFFICE

I hereby certify that the information above is true and complete to the best of my knowledge and belief.
Signed: W. Summerhurst Title: Production Superintendent Date: 3-1-65
Approved by: W. A. Gressett Title: Dist. Gas Engineer Date: MAR 31 1965
Conditions of Approval, if any:

Production Casing

4.5", 11.6# Csg. (7.875" Hole) @ 11861'
w/ 900 sx 50/50 Pozmix - TOC @ 7615' by Temp

SOS Consulting, LLC

Drawn by: Ben Stone, 11/07/2014

COMPANY Yates Petroleum Corporation

WELL Cedro APG State Com #1

FIELD Cedar Lake (Morrow)

COUNTY Eddy STATE New Mexico

Schlumberger

LithoDensity Compensated Neutron Gamma Ray

Location: 660' FNL and 2230' FWL

Well: Cedro 'APG' State Com #1

Company: Yates Petroleum Corporation

LOCATION

660' FNL and 2230' FWL

Permanent Datum: Ground Level — Elev.: 3602 F

Log Measured From: Kelly Bushing — 18.0 F above Perm. Datum — K.B. 3620 F

Drilling Measured From: Kelly Bushing — G.L. 3602 F

D.F. 3619 F

API Serial No. 30-015-28487

SECTION 35 — TOWNSHIP 17S — RANGE 30E

Logging Date	14-Dec-1995	Logging Date	
Run Number	One	Run Number	
Depth Driller	11779 F	Depth Driller	
Schlumberger Depth	11770 F	Schlumberger Depth	
Bottom Log Interval	11770 F	Bottom Log Interval	
Top Log Interval	200 F	Top Log Interval	
Casing Driller Size @ Depth	8.625 IN @ 4489 F	Casing Driller Size @ Depth	@
Casing Schlumberger	4490 F	Casing Schlumberger	
Bit Size	7.875 IN	Bit Size	
Type Fluid in Hole	Dispac / XCD Polymer	Type Fluid in Hole	
Density	9.4 LB/G — Viscosity 32 S	Density	Viscosity
Fluid Loss	7.6 C3 — PH 10.5	Fluid Loss	PH
Source Of Sample	Circulation Tank	Source Of Sample	
RM @ Measured Temperature	0.188 OHMM @ 75 DEGF	RM @ Measured Temperature	@
RMF @ Measured Temperature	0.166 OHMM @ 75 DEGF	RMF @ Measured Temperature	@
RMC @ Measured Temperature	@	RMC @ Measured Temperature	@
Source RMF — RMC	Measured — Calculated	Source RMF — RMC	
RM @ MRT — RMF @ MRT	0.099 @ 150 — 0.099 @ 150	RM @ MRT — RMF @ MRT	@ — @
Maximum Recorded Temperatures	150 DEGF — 1830	Maximum Recorded Temperatures	
Circulation Stopped	13-Dec-1995 — 0315	Circulation Stopped	
Logger On Bottom	14-Dec-1995 — 0315	Logger On Bottom	
Time — Location	Time — Location	Time — Location	
Unit Number	3005 — Roswell, NM	Unit Number	
Recorded By	Tony DeRubeis	Recorded By	
Witnessed By	Brent May	Witnessed By	

FINAL PRINT

BEST COPY available

ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS AND WE CANNOT, AND DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATIONS, AND WE SHALL NOT, EXCEPT IN THE CASE OF GROSS OR WILLFUL NEGLIGENCE ON OUR PART, BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COSTS, DAMAGES OR EXPENSES INCURRED OR SUSTAINED BY ANYONE RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR OFFICERS, AGENTS OR EMPLOYEES. THESE INTERPRETATIONS ARE ALSO SUBJECT TO CLAUSE 4 OF OUR GENERAL TERMS AND CONDITIONS AS SET OUT IN OUR CURRENT PRICE SCHEDULE.

OTHER SERVICES1	OTHER SERVICES2
OS1: DLL/MSFL	OS1:
OS2: LDT/CNL/GR	OS2:
OS3: LS Sonic	OS3:
OS4: FMI	OS4:
OS5:	OS5:
REMARKS: RUN NUMBER 1	REMARKS: RUN NUMBER 2
Operators today are Tom Friedrich and tony Vasquez.	
Laterolog run with a CME-Z.	
Neutron run with a bowspring.	

RUN 1		RUN 2	
SERVICE ORDER #:	673595	SERVICE ORDER #:	
PROGRAM VERSION:	7C0-428	PROGRAM VERSION:	
FLUID LEVEL:		FLUID LEVEL:	
LOGGED INTERVAL	START — STOP	LOGGED INTERVAL	START — STOP

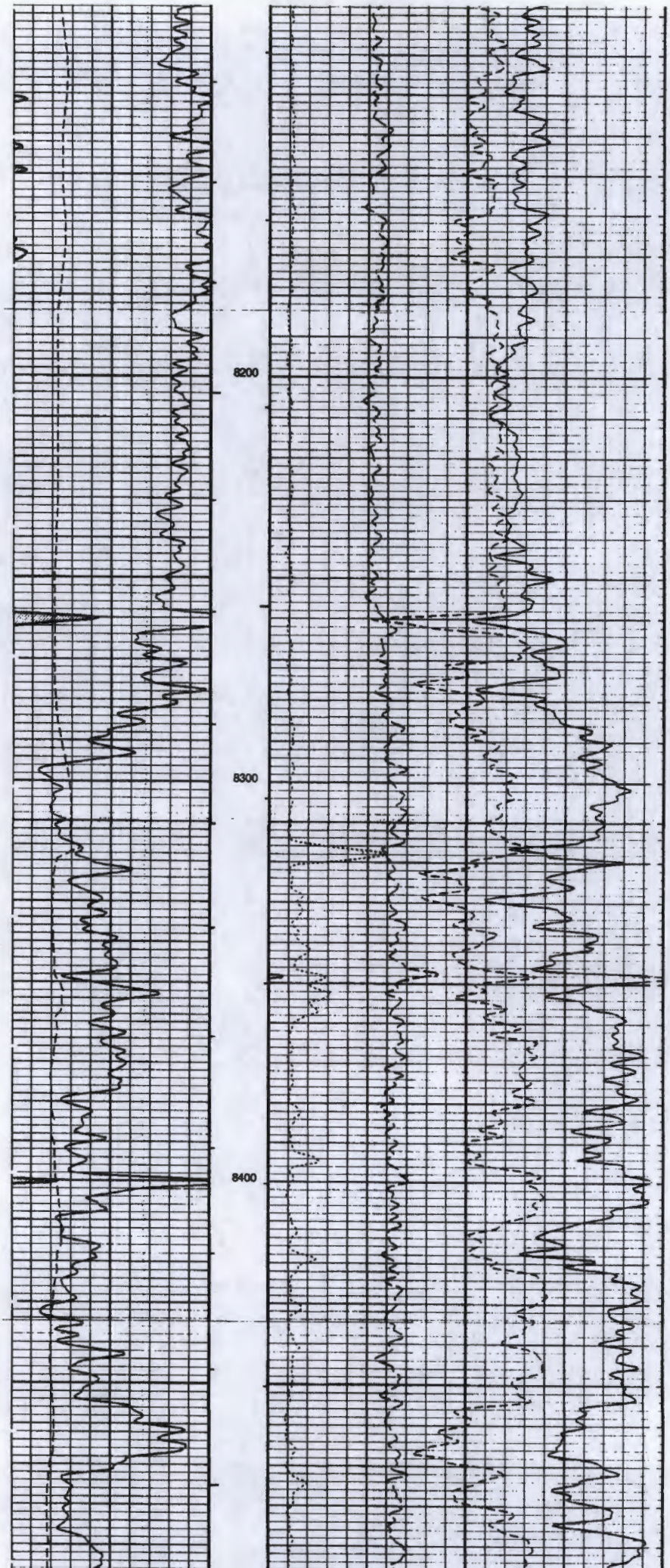
EQUIPMENT DESCRIPTION

RUN 1 — RUN 2

SURFACE EQUIPMENT

LCM-AA — GSR-U/Y

CNB-AB 4475 — TCM-AB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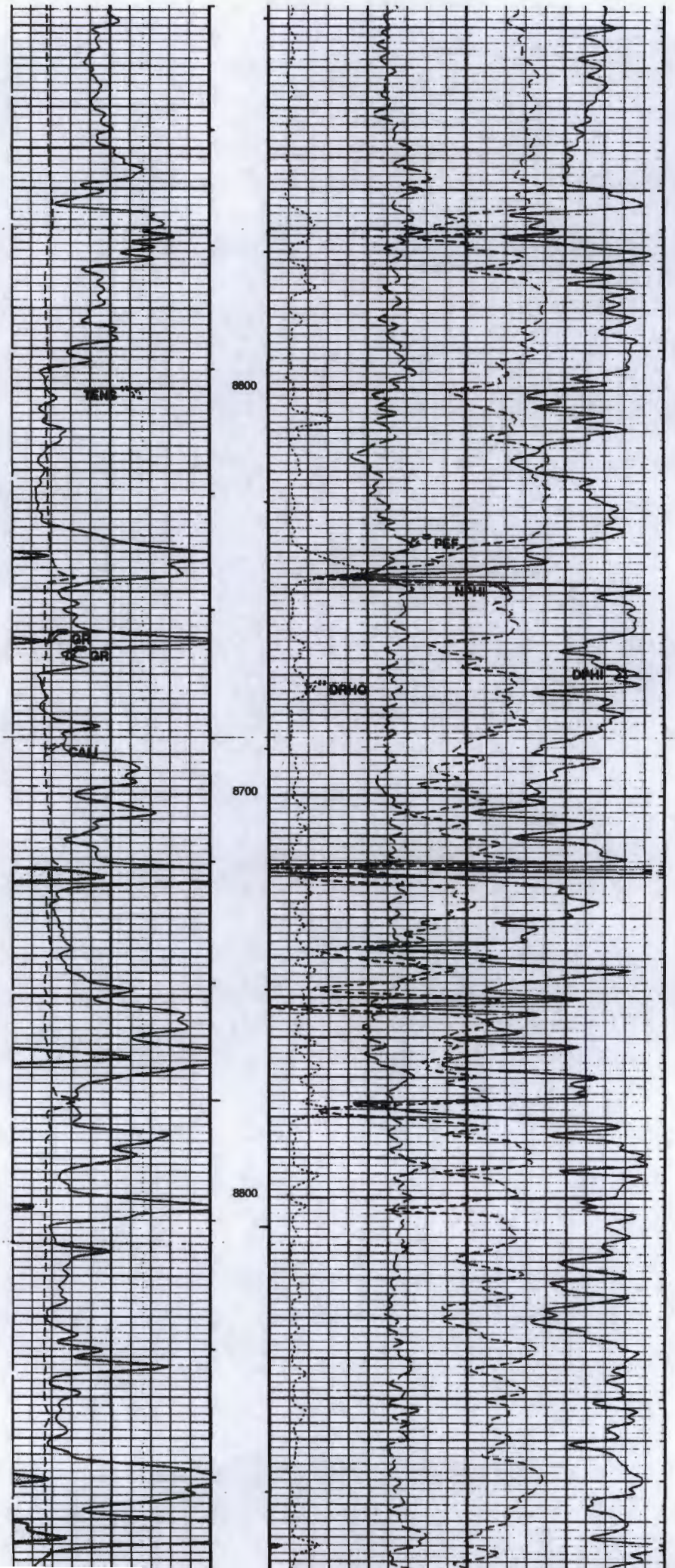
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NPHI
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DRHO
CALI
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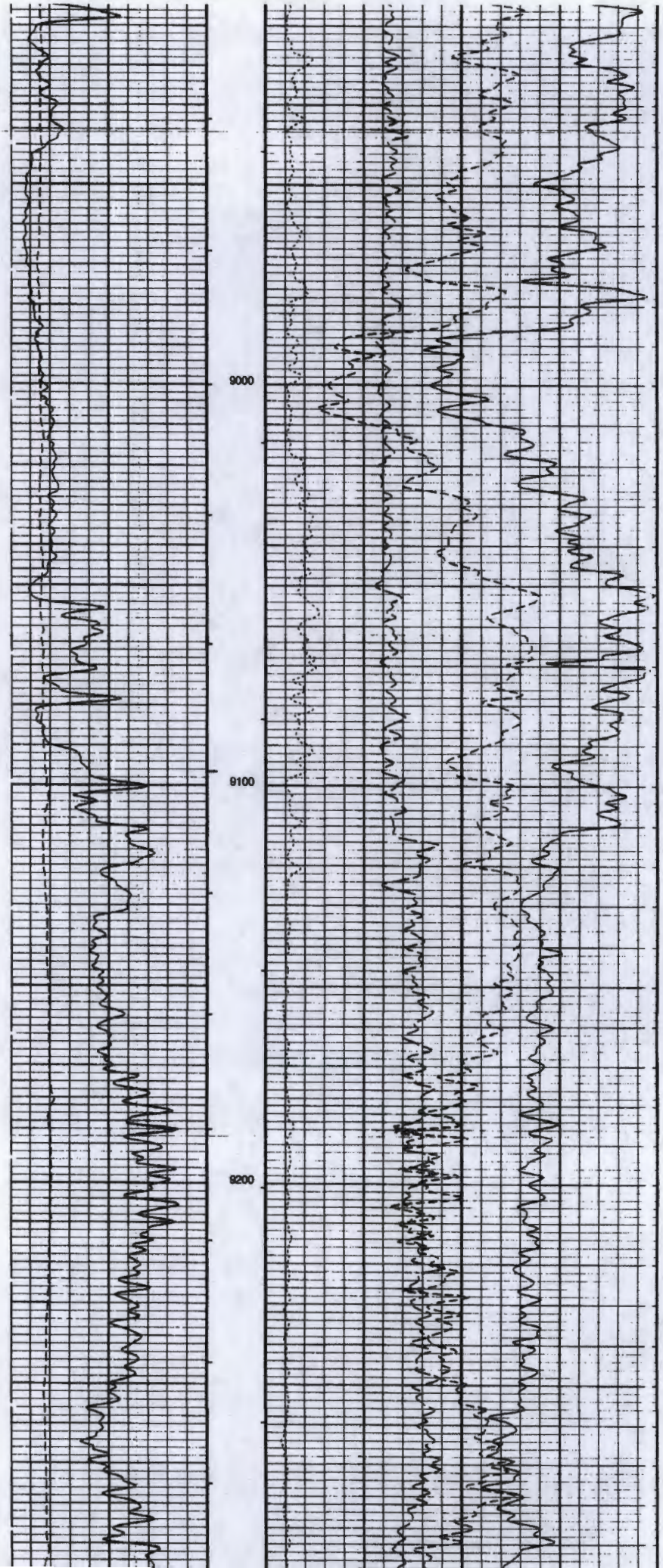
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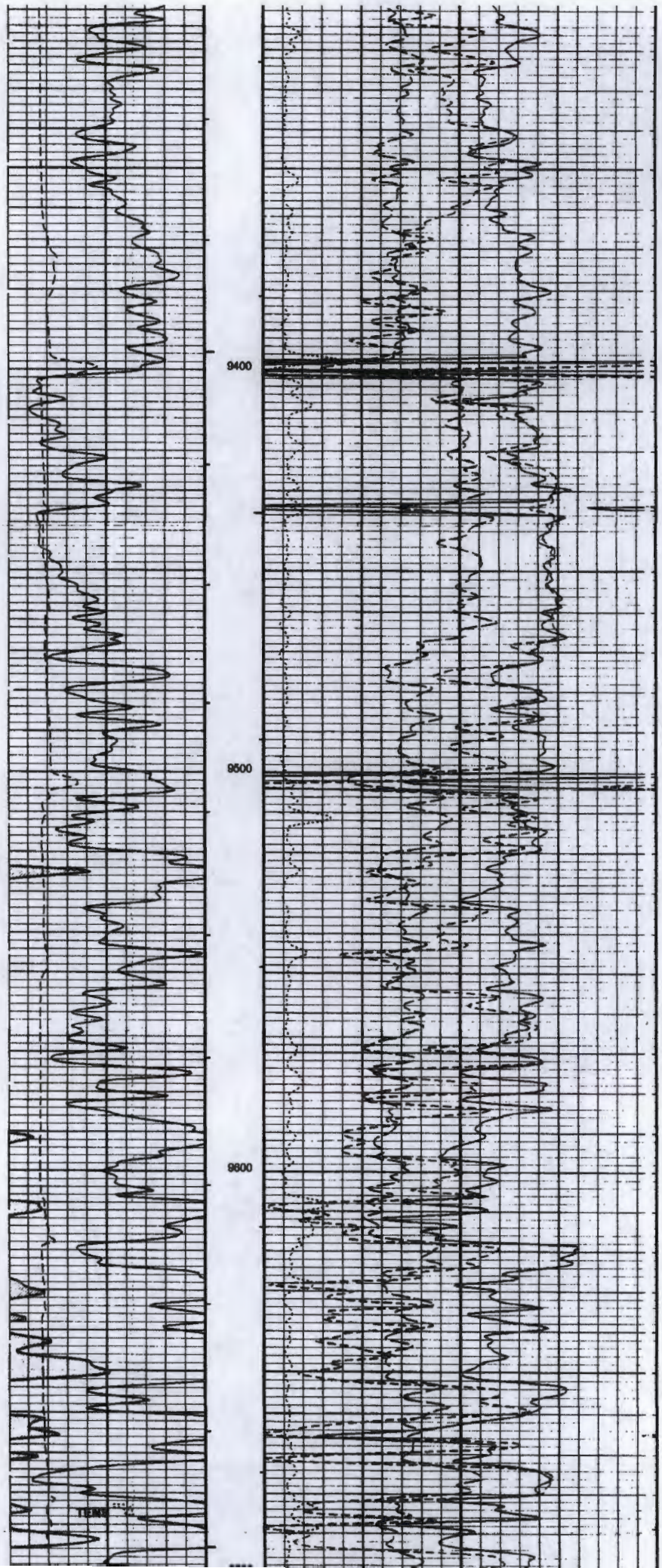
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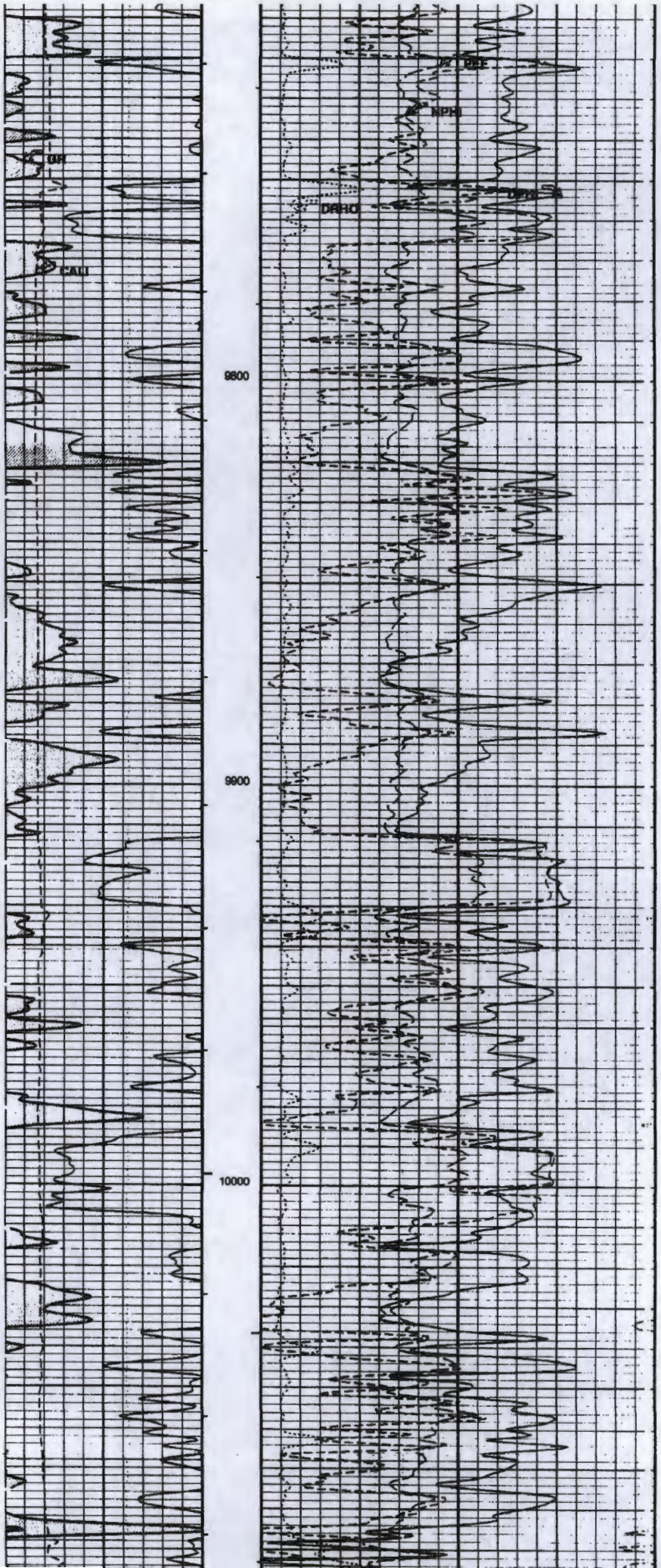

GR
CALI
NPHI
DRHO
9800
9900
10000

C-108 ITEM VII – PROPOSED OPERATION

The Cedro 'APG' State Well No.1 SWD will be operated as a commercial disposal service to area operators to facilitate in disposal of produced water from typical producing formations in the area. (Samples are included in this application from San Andres, Delaware and Morrow formation waters - chlorides and TDS are relative compatible with Wolfcamp, Cisco and Canyon formation waters.)

The system will be closed utilizing a tank battery facility located on the well site.

Injection pressure will be 1652 psi with rates limited only by that pressure. In the future, Ray Westall Operating, Inc. may opt to conduct a step rate test if it is determined that greater rates may be required. This would be submitted to OCD as a request to increase the injection pressure.

Routine maintenance will be ongoing and any releases will be reported within 24 hours to OCD on form C-141 pursuant to various portions of 19.15.30 NMAC.

The facility will not be manned but will be available to Ray Westall's customers 24/7. The facility will be available for inspections at any time deemed necessary by OCD.

C-108 - Item VIII

Geological Data

The Wolfcamp is a light gray-brown fine to medium crystalline fossiliferous limestone with inter-crystalline vugular porosity interbedded with gray shale. Additional porosity can be found when the well bore encounters detrital carbonates which were shed off shelf and foreslope areas and transported down the Wolfcamp paleoslope.

The Canyon Formation (Upper Penn) similar to the Wolfcamp is a gray micritic (fine grained) fossiliferous limestone with vugular porosity. The reservoirs in this area are usually limited in size with up dip porosity loss due to shelf margin carbonate build up.

The combined zones offer good porosity in the proposed injection interval located from 8260' to 9912' with very good porosity interspersed throughout the overall interval.

Fresh water in the area is generally available from the Santa Rosa formation. State Engineer's records show one water well in Section 20, T17S, 30E (6 miles distant) with a depth to water of 80 feet. Generally, depth to water in this area of Eddy county is 150 to 200 feet.

There are no water wells located within one mile of the proposed SWD.

C-108 - Item VII.5

Water Analysis - Disposal Zone

BJ SERVICES

Water Analysis

Date: 2/24/2005

2401 Sivley, Artesia NM 88210
Phone (505) 746-3140 Fax (505) 746-2293

Analyzed For

Company	Well Name	County	State
Westall	State G#1	Eddy	New Mexico

Sample Source **Sample #** 1

Formation Canyon **Depth**

Specific Gravity	1.050	SG @ 60 °F	1.051
pH	6.30	Sulfides	Not Tested
Temperature (°F)	65	Reducing Agents	Not Tested

Cations

Sodium (Calc)	In Mg/L	9,518	In PPM	9,056
Calcium	In Mg/L	5,600	In PPM	5,328
Magnesium	In Mg/L	240	In PPM	228
Soluable Iron (FE2)	In Mg/L	300.0	In PPM	285

Anions

Chlorides	In Mg/L	24,000	In PPM	22,835
Sulfates	In Mg/L	2,000	In PPM	1,903
Bicarbonates	In Mg/L	185	In PPM	176
Total Hardness (as CaCO3)	In Mg/L	15,000	In PPM	14,272
Total Dissolved Solids (Calc)	In Mg/L	41,844	In PPM	39,813
Equivalent NaCl Concentration	In Mg/L	38,410	In PPM	36,548

Scaling Tendencies

*Calcium Carbonate Index 1,038,494

Below 500,000 Remote / 500,000 - 1,000,000 Possible / Above 1,000,000 Probable

*Calcium Sulfate (Gyp) Index 11,200,000

Below 500,000 Remote / 500,000 - 10,000,00 Possible / Above 10,000,000 Probable

*This Calculation is only an approximation and is only valid before treatment of a well or several weeks after treatment.

Remarks FAX 677-2361

Report # 1732

C-108 - Item VII.4

Water Analysis - Source Water - SAN ANDRES

B J Services Water Analysis

Artesia District Laboratory
(505)-746-3140

Date: 6-Nov-00
Company: SDX Resources
Lease: Chalk Federal #2
State: N.M.
Depth: 2800

Test #:
Well #:
County: Eddy
Formation: San Andres
Source:

pH:	6.51
Specific Gravity	1.12

Temp (F): 68.3

CATIONS	mg/l	mol	ppm
Sodium (calc.)	84802	2370.7	49662
Calcium	3208	160.1	2884
Magnesium	1458	120.0	1302
Barium	< 25	---	---
Potassium	< 10	---	---
Iron	3	0.1	2
ANIONS			
Chloride	83000	2823.4	83036
Sulfate	1071	22.3	957
Carbonate	< 1	---	---
Bicarbonate	878	14.4	784
Total Dissolved Solids(calc.)	154120		137607
Total Hardness as CaCO3	14014	280.0	12513

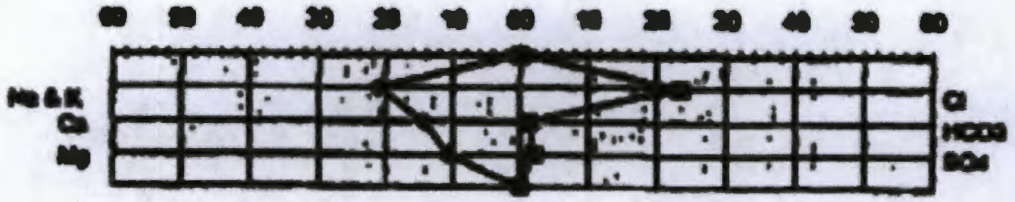
COMMENTS:

Rw= 0.0847@81.1 deg.

SCALE ANALYSIS:

CaCO3 Factor	2817907 Calcium Carbonate Scale Probability->	Probabl
CaSO4 Factor	3949800 Calcium Sulfate Scale Probability -->	Remote

Stiff Plot



C-108 - Item VII.4

Water Analysis - Source Water - DELAWARE

BJ SERVICES

Water Analysis

Date: 11-Jan-05

2708 West County Road, Hobbs NM 88240
Phone (505) 392-5556 Fax (505) 392-7307

Analyzed For

Devon	Spud 16 State #1	Lea	New Mexico

Sample Source	Sample	Sample #	1
Formation		Depth	

Specific Gravity	1.195	SG @ 60 °F	1.195
pH	8.56	Sulfides	Absent
Temperature (°F)	65	Reducing Agents	

Cations

Sodium (Calc)	in Mg/L	73,985	in PPM	61,889
Calcium	in Mg/L	34,000	in PPM	28,438
Magnesium	in Mg/L	5,040	in PPM	4,214
Soluble Iron (FE2)	in Mg/L	50.0	in PPM	42

Anions

Chlorides	in Mg/L	188,000	in PPM	157,191
Sulfates	in Mg/L	600	in PPM	488
Bicarbonates	in Mg/L	78	in PPM	65
Total Hardness (as CaCO3)	in Mg/L	100,000	in PPM	83,629
Total Dissolved Solids (Calc)	in Mg/L	301,783	in PPM	252,399
Equivalent NaCl Concentration	in Mg/L	254,733	in PPM	212,998

Scaling Tendencies

*Calcium Carbonate Index 2,654,720

Below 500,000 Remote / 500,000 - 1,000,000 Possible / Above 1,000,000 Probable

*Calcium Sulfate (Gyp) Index 18,700,000

Below 500,000 Remote / 500,000 - 10,000,00 Possible / Above 10,000,000 Probable

*This Calculation is only an approximation and is only valid before treatment of a well or several weeks after treatment.

Remarks nr=.040@63f

C-108 - Item VII.4

Water Analysis - Source Water - MORROW

HALLIBURTON

CENTRAL OPERATIONS LABORATORY
WATER ANALYSIS REPORT
HOBBS, NEW MEXICO

COMPANY Marbob

REPORT W02-126
DATE June 18, 2002
DISTRICT Hobbs

SUBMITTED BY Jim Trela

WELL Ruger St. #1 DEPTH FORMATION
COUNTY FIELD SOURCE

SAMPLE Morrow Prod. Water

Sample Temp.	84 °F	°F	°F	°F
RESISTIVITY	0.13			
SPECIFIC GR.	1.040			
pH	6.93			
CALCIUM	4,920 mpl	mpl	mpl	mpl
MAGNESIUM	6,200 mpl	mpl	mpl	mpl
CHLORIDE	54,988 mpl	mpl	mpl	mpl
SULFATES	500 mpl	mpl	mpl	mpl
BICARBONATES	15 mpl	mpl	mpl	mpl
SOLUBLE IRON	0 mpl	mpl	mpl	mpl
Sodium	mpl	0 mpl	0 mpl	0 mpl
TDS	mpl	0 mpl	0 mpl	0 mpl
OIL GRAVITY	@ °F	@ °F	@ °F	@ °F

REMARKS

MPL = Milligrams per liter
Resistivity measured in: Ohm-m@m

This report is the property of Halliburton Company and neither it nor any part thereof nor a copy thereof is to be published or disclosed without first securing the express written approval of laboratory management. It may however, be used in the course of regular business operations by any person or concern and employees thereof receiving such report from Halliburton Co.

ANALYST: Mike Armstrong

C-108 ITEM XII – GEOLOGIC AFFIRMATION

We have examined available geologic and engineering data and have found no evidence of open faults or other hydrologic connection between the disposal interval and any underground sources of drinking water.

Ben Stone, Partner
SOS Consulting, LLC

Project: Ray Westall Operating, Inc.
Cedro 'APG' State Com Well No.1
Reviewed 10/15/2014

C-108 ITEM XI – WATER WELLS IN AOR

A search of the State Engineer's database indicates NO water wells within one mile of the proposed salt water disposal well.

New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

No PODs found.

PLSS Search:

Section(s): 25, 26, 35, 36 **Township:** 17S **Range:** 30E

No PODs found.

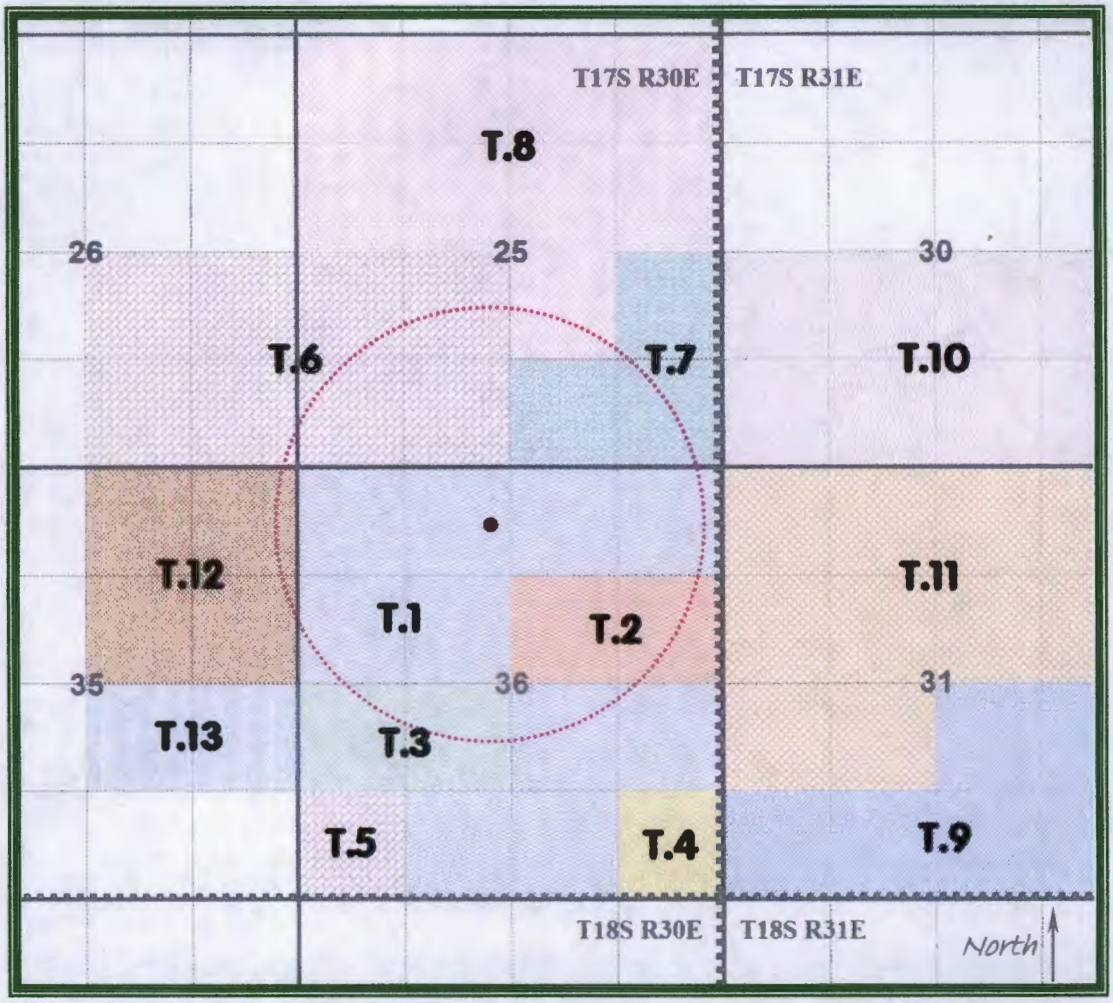
PLSS Search:

Section(s): 30, 31 **Township:** 17S **Range:** 31E

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Cedro 'APG' State Com Well No.1 - Leasehold Plat

(Attachment to NMOCD Form C-108, Application for Authority to Inject.)



RAY WESTALL OPERATING, INC.

LEGEND

T.1 – LG-5665-0001 – Occidental Permian, LTD

T.2 – BO-1565-0008 – Chevron USA, Inc.

T.3 – BO-3627-0003 – BP America Production Co.

T.4 – VO-2357-0000 – Featherstone Development

T.5 – BO-3627-0039 – EOG Resources, others

T.6 – NMLC-0030570B – Fair Oil, LTD, others

T.7 – NMLC-0061670 – ConocoPhillips, others

T.8 – NMNM-002747 – EOG Resources, others

T.9 – NMNM-068039 – Burlington Resources O&G, LP

T.10 – NMLC-0029395B – ZPZ Delaware I, LLC

T.11 – Bureau of Land Management

T.12 – NMNM-0384576 – Fair Oil, LTD, others

T.13 – NMNM-0558579 – ConocoPhillips

Research performed by CG&L Records & Research

SOS Consulting, LLC

C-108 ITEM XIII – PROOF OF NOTIFICATION
INTERESTED PARTIES LIST

SURFACE & MINERALS OWNER

STATE OF NEW MEXICO (FedEx'ed copy)
Oil, Gas and Minerals Division
310 Old Santa Fe Trail
Santa Fe, NM 87504

OFFSET MINERALS LESSEES and OPERATORS (All Notified via USPS Certified Mail)

State Lease LG-5665-0001

Lessees

1 OCCIDENTAL PERMIAN, LTD
6 Desta Drive, Ste.6000
Midland, TX 79705-5505

Operators

2 ASHER ENTERPRISES, LTD.
1063-D Memorial Drive, PMB 525
Tulsa, OK 74133

3 ENERVEST OPERATING, LLC
1001 Fannin Street, Ste.800
Houston, TX 77002-6707

4 APACHE CORPORATION
303 Veterans Airpark Lane, Ste.3000
Midland, TX 79705

State Lease BO-1565-0008

Lessees

5 CHEVRON USA, INC.
P.O. Box 1635
Houston, TX 77251-1635

State Lease BO-3627-0003

Lessee

6 BP AMERICA PRODUCTION COMPANY
501 Westlake Park Blvd.
Houston, TX 77079

Operator

7 BURNETT OIL COMPANY
801 Cherry St., #1500, Unit #9
Fort Worth, TX 76102-6881

C-108 ITEM XIII – PROOF OF NOTIFICATION
INTERESTED PARTIES LIST (cont.)

State Lease VO-2357-0000

Lessee

8 FEATHERSTONE DEVELOPMENT CORP.
1717 W 2nd St.
Roswell, NM 88201

Operator

9 COG OPERATING, LLC
Attn: Jim Bob Burnett
2208 W. Main St.
Artesia, NM 88210

State Lease BO-3627-0039

Lessee

10 EOG RESOURCES AND SANTA FE ENERGY RESOURCES
P. O. Box 4362
Houston, TX 77210-4362

Operator

ENERVEST OPERATING, LLC
1001 Fannin Street, Ste.800
Houston, TX 77002-6707

BLM Lease NMLC-0030570B

Lessee

11 FAIR OIL COMPANY
P.O. 689
Tyler, TX 75710

Operator

ASHER ENTERPRISES, LTD.
1063-D Memorial Drive, PMB 525
Tulsa, OK 74133

BLM Lease NMLC-0061670

Lessees

12 CONOCOPHILLIPS COMPANY
P.O. Box 7500
Bartlesville, OK 74005-7500

ENERVEST OPERATING, LLC
1001 Fannin Street, Ste.800
Houston, TX 77002-6707

13 ANNE B. TANDY ESTATE
801 Cherry Street, Ste.1500
Fort Worth, TX 76102

14 CHISOS, LTD
670 Dona Ana Road SW
Deming, NM 88030

C-108 ITEM XIII – PROOF OF NOTIFICATION
INTERESTED PARTIES LIST (cont.)

BLM Lease NMLC-0061670 (cont.)

Lessees

APACHE CORPORATION
303 Veterans Airpark Lane, Ste.3000
Midland, TX 79705

15 CROSS BORDER RESOURCES, INC.
2515 McKinney Ave.,Ste.900
Dallas, TX 75201-1945

16 R.F. WINDFOHR ESTATE
801 Cherry Street, Ste.1500
Fort Worth, TX 76102

17 OLLIE L. BURNETT ESTATE
801 Cherry Street, Ste.1500
Fort Worth, TX 76102

Operator

ENERVEST OPERATING, LLC
1001 Fannin Street, Ste.800
Houston, TX 77002-6707

BLM NMNM-002747

Lessee

18 EOG RESOURCES, INC.
P.O. Box 2267
Midland, TX 79702

ANNE B. TANDY ESTATE
801 Cherry Street, Ste.1500
Fort Worth, TX 76102

19 ANN P. PHILLIPS TRUST
1202 First National Bank
Fort Worth, TX 76102

OLLIE L. BURNETT ESTATE
801 Cherry Street, Ste.1500
Fort Worth, TX 76102

20 OXY Y-1 COMPANY
P.O. Box 4294
Houston, TX 77210-4294

21 ABO PETROLEUM CORPORATION
105 S. 4th Street
Artesia, NM 88210

22 MYCO INDUSTRIES CORPORATION
105 S. 4th Street
Artesia, NM 88210

C-108 ITEM XIII – PROOF OF NOTIFICATION
INTERESTED PARTIES LIST (cont.)

BLM NMNM-002747 (cont.)
Operator
BURNETT OIL COMPANY
801 Cherry St., #1500, Unit #9
Fort Worth, TX 76102-6881

BLM Lease NMNM-068039
Lessee
23 BURLINGTON RESOURCES OIL & GAS, LP
3401 E. 30TH Street
Farmington, NM 87402

BLM Lease NMLC-0029395B
Lessee
24 ZPZ DELAWARE I, LLC
2000 Post Oak Blvd., Ste. 100
Houston, TX 77056-4497

Operators
25 LINN OPERATING COMPANY
600 Travis Street, Ste.5100
Houston, TX 77002

26 OXY USA WTP, LP
P.O. Box 4294
Houston, TX 77210-4294

BLM Lease NMNM-0384576
Lessee
FAIR OIL COMPANY
P.O. 689
Tyler, TX 75710

27 ASTON FAMILY
P.O. Box 1090
Roswell, NM 88202-1090

BLM Lease NMNM-0558579
Lessee
CONOCOPHILLIPS COMPANY
P.O. Box 7500
Bartlesville, OK 74005-7500

C-108 ITEM XIII – PROOF OF NOTIFICATION
INTERESTED PARTIES LIST (cont.)

OFFSET MINERALS OWNER

28 U.S. DEPARTMENT OF INTERIOR
Bureau of Land Management
Oil & Gas Division
620 E. Greene St.
Carlsbad, NM 88220

REGULATORY

NEW MEXICO OIL CONSERVATION DIVISION (FedEx'ed original and copy)
1220 S. St. Francis Dr.
Santa Fe, NM 87505

NEW MEXICO OIL CONSERVATION DIVISION (FedEx'ed copy)
811 S. First St.
Artesia, NM 88210

October 28, 2014

NOTIFICATION TO INTERESTED PARTIES
via U.S. Certified Mail

To Whom It May Concern:

Ray Westall Operating, Inc., Loco Hills, New Mexico, has made application to the New Mexico Oil Conservation Division to convert for salt water disposal its Cedro APG State Com Well No.1. The proposed commercial operation will be for produced water disposal from area operators. As indicated in the notice below, the well is located in Section 36, Township 17 South, Range 30 East in Eddy County, New Mexico.

The published notice states that the interval will be from 8260 feet to 9912 feet.

Following is the notice published in the Artesia Daily Press, Artesia, New Mexico on or about October 28, 2014

LEGAL NOTICE

Ray Westall, Inc., P.O. Box 4, Loco Hills, NM 88255 is filing Form C-108 (Application for Authority to Inject) with the New Mexico Oil Conservation Division for administrative approval to permit for salt water disposal in its Cedro APG State Com Well No.1. The well, API No.30-015-28487 is located 660 FNL & 2230 FWL in Section 36, Township 17 South, Range 30 East in Eddy County, New Mexico. Produced water from area production will be commercially disposed into the Wolfcamp and Canyon formations through selected perforated intervals between a maximum applied for top of 8260 feet to maximum depth of 9912 feet and based on further log analysis. Maximum injection pressure will be 1652 psi with a maximum rate limited only by such pressure.

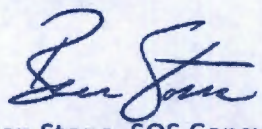
Interested parties wishing to object to the proposed application must file with the New Mexico Oil Conservation Division, 1220 St. Francis Dr., Santa Fe, NM 87505, (505)476-3460 within 15 days of the date of this notice. Additional information may be obtained from the applicant's agent, SOS Consulting, LLC, (903)488-9850 or, email info@sosconsulting.us.

You have been identified as a party who may be interested as an offset lessee or operator.

You are entitled to a full copy of the application. A full copy in PDF format on a mini-CD will be arriving within a few days of this notice. If you do not receive it, please call or email SOS Consulting, LLC at 903-488-9850, info@sosconsulting.us, and a copy will be expedited to you and may also be sent via email if preferred.

Thank you for your attention in this matter.

Best regards,



Ben Stone, SOS Consulting, LLC
Agent for Ray Westall Operating, Inc.

Cc: Application File

C-108 - Item XIV

Proof of Notice (Certified Mail Receipts)

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Restricted Delivery Fee (Endorsement Required)	
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Street, Apt. or PO Box
City, State
PS Form

OCCIDENTAL PERMIAN, LTD
6 desta Drive, Ste.6000
Midland, TX 79705-5505

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Total Postage & Fees	$ 6.49

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ASHER ENTERPRISES, LTD.
1063-D Memorial Drive, PMB 525
Tulsa, OK 74133

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Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$ 6.49

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Street, Apt. or PO Box
City, State
PS Form

ENERVEST OPERATING, LLC
1001 Fannin Street, Ste.800
Houston, TX 77002-6707

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City, State
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APACHE CORPORATION
303 Veterans Airpark Lane, Ste.3000
Midland, TX 79705

7014 0510 0001 2766 2734

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Total Postage & Fees	$ 6.49

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City, State
PS Form

CHEVRON USA, INC.
P.O. Box 1635
Houston, TX 77251-1635

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Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$ 6.49

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City, State
PS Form

BP AMERICA PRODUCTION CO.
501 Westlake Park Blvd.
Houston, TX 77079

7014 0510 0001 2766 2758
7014 0510 0000 9155 47
7014 0510 0001 2766 27
7014 0510 0001 2766 2765
7014 0510 0001 2766 27
7014 0510 0001 2766 27

C-108 - Item XIV

Proof of Notice (Certified Mail Receipts – cont.)

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Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$ 6.49

Postmark Here: COMO TX 75431 OCT 30 2014 USPS

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Street, Apt. or PO Box
City, State,

BURNETT OIL COMPANY
801 Cherry St., #1500, Unit #9
Fort Worth, TX 76102-6881

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C-108 - Item XIV

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801 Cherry Street, Ste.1500
Fort Worth, TX 76102

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Fort Worth, TX 76102
Cedro APG

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2000 Post Oak Blvd., Ste. 100
Houston, TX 77056-4497

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Midland, TX 79705-5505

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Roswell, NM 88202-1090

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BUREAU OF LAND MANAGEMENT
Oil & Gas Division
620 E. Greene St.
Carlsbad, NM 88220

PS Form

Affidavit of Publication

No. 23227

State of New Mexico

County of Eddy:

Danny Scott

being duly sworn, sayes that he is the **Publisher**

of the Artesia Daily Press, a daily newspaper of General circulation, published in English at Artesia, said county and state, and that the hereto attached

Legal Notice

was published in a regular and entire issue of the said Artesia Daily Press, a daily newspaper duly qualified for that purpose within the meaning of Chapter 167 of the 1937 Session Laws of the state of New Mexico for

1 Consecutive weeks/day on the same day as follows:

First Publication	October 28, 2014
Second Publication	
Third Publication	
Fourth Publication	
Fifth Publication	
Sixth Publication	

Subscribed and sworn before me this

28th day of October 2014

OFFICIAL SEAL
Latisha Romine
NOTARY PUBLIC-STATE OF NEW MEXICO
My commission expires: 5/12/2015

Latisha Romine

Latisha Romine

Notary Public, Eddy County, New Mexico

Copy of Publication:

LEGAL NOTICE

Ray Westall, Inc., P.O. Box 4, Loco Hills, NM 88255 is filing Form C-108 (Application for Authority to Inject) with the New Mexico Oil Conservation Division for administrative approval to permit for salt water disposal in its Cedro APG State Com Well No.1. The well, API No.30-015-28487 is located 660 FNL & 2230 FWL in Section 36, Township 17 South, Range 30 East in Eddy County, New Mexico. Produced water from area production will be commercially disposed into the Wolfcamp and Canyon formations through selected perforated intervals between a maximum applied for top of 8260 feet to maximum depth of 9912 feet and based on further log analysis. Maximum injection pressure will be 1652 psi with a maximum rate limited only by such pressure.

Interested parties wishing to object to the proposed application must file with the New Mexico Oil Conservation Division, 1220 St. Francis Dr., Santa Fe, NM 87505, (505)476-3460 within 15 days of the date of this notice. Additional information may be obtained from the applicant's agent, SOS Consulting, LLC, (903)488-9850 or, email info@sosconsulting.us.

Published in the Artesia Daily Press, Artesia, N.M., October 28, 2014 Legal No. 23227.

C-108 Review Checklist: Received 4/14/2014 Add. Request: _____ Reply Date: _____ Suspended: _____ [Ver 13]

PERMIT TYPE PMX / SWD Number: _____ Permit Date: _____ Legacy Permits/Orders: _____

Well No. 1 Well Name(s): Cedro APG State Com

API: 30-0 15-28487 Spud Date: _____ New or Old: old (UIC Class II Primacy 03/07/1982)

Footages 660 FNL 2230 FWL Lot ___ or Unit G Sec 36 Tsp 17S Rge 30E County Eddy

General Location: SE/ Loco Hills Pool: SWD; Wolfcamp Pool No.: 96136

BLM 100K Map: _____ Operator: Operating, Inc OGRID: 19305 Contact: Ben Stone

COMPLIANCE RULE 5.9: Total Wells: 91 Inactive: 0 Fincl Assur: Y Compl. Order? N IS 5.9 OK? Y Date: 2-03-2015

WELL FILE REVIEWED ○ Current Status: Active

WELL DIAGRAMS: NEW: Proposed ○ or **RE-ENTER:** Before Conv. ⊗ After Conv. ⊗ Logs in Imaging: Y

Planned Rehab Work to Well: * Must run CBL

Well Construction Details:	Sizes (in) Borehole / Pipe	Setting Depths (ft)	Stage Tool	Cement Sx or Cf	Cement Top and Determination Method
Planned __or Existing __Surface	17.5" / 13 3/8	542		1175/sx	circ/surface
Planned__or Existing __ Interm/Prod					
Planned__or Existing __Interm/Prod	12 1/4" / 9 5/8	4485		1900/sx	circ/surface
Planned__or Existing __ Prod/Liner	7 7/8" / 5 1/2"	11775		1125/sx	4000' / CALC *
Planned__or Existing __ Liner					
Planned__or Existing __ OH / PERF	8260-9912		Inj Length 1652		

Injection Stratigraphic Units:	Depths (ft)	Injection or Confining Units	Tops
Adjacent Unit: Litho. Struc. Por.			
Confining Unit: Litho. Struc. Por.	8100-8260	Shale	8100
Proposed Inj Interval TOP:	8260	8260	
Proposed Inj Interval BOTTOM:	9912		
Confining Unit: Litho. Struc. Por.	9430	Shale	9430
Adjacent Unit: Litho. Struc. Por.			

Completion/Operation Details:

Drilled TD 11775 PBTD 9950

NEW TD _____ NEW PBTD _____

NEW Open Hole ○ or NEW Perfs ✓

Tubing Size 2 7/8 in. Inter Coated? _____

Proposed Packer Depth 8165 ft

Min. Packer Depth 8160 (100-ft limit)

Proposed Max. Surface Press. 1652 psi

Admin. Inj. Press. 1652 (0.2 psi per ft)

AOR: Hydrologic and Geologic Information

POTASH: R-111-P ○ *Noticed?* _____ BLM Sec Ord ○ WIPP ○ *Noticed?* _____ SALT/SALADO T: _____ B: _____ CLIFF HOUSE _____

FRESH WATER: Aquifer Triassic Max Depth 80 **HYDRO AFFIRM STATEMENT** By Qualified Person ✓

NMOSE Basin: Roswell CAPITAN REEF: thru ○ adj ○ NA ⊗ **No. Wells within 1-Mile Radius?** _____ FW Analysis ○

Disposal Fluid: Formation Source(s) Delaware, Bone Spring, SAN Andres Analysis? Y On Lease ○ Operator Only ○ or Commercial ✓

Disposal Int: Inject Rate (Avg/Max BWPD): _____ Protectable Waters? _____ Source: _____ System: Closed ✓ or Open ○

HC Potential: Producing Interval? _____ Formerly Producing? X Method: Logs/DST/P&A/Other _____ 2-Mile Radius Pool Map ○

AOR Wells: 1/2-M Radius Map? Y Well List? Y Total No. Wells Penetrating Interval: 6 Horizontals? 0

Penetrating Wells: No. Active Wells 5 Num Repairs? ___ on which well(s)? _____ Diagrams? _____

Penetrating Wells: No. P&A Wells 1 Num Repairs? ___ on which well(s)? _____ Diagrams? _____

NOTICE: Newspaper Date 10-28-2014 Mineral Owner NMSLO Surface Owner NMSLO N. Date 10-28

RULE 26.7(A): Identified Tracts? Y Affected Persons: COG, OXY, EOG N. Date 04.30

Permit Conditions: Issues: CBL 5 1/2", SWAB test, water analysis

Add Permit Cond: _____