

DATE IN 07/27/2015

SUSPENSE

ENGINEER

WS

LOGGED IN 07/28/15

TYPE SWD

APP NO. PPRG 1520953813

ABOVE THIS LINE FOR DIVISION USE ONLY

15.63

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



RECEIVED OGD

27 P 3: 03

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

COG operating
Ham 26 Fed. SWD No. 1
30-025-Pending
M/S26/22S/34E
Dev/Sil/Ord.

[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.

BRIAN COLLINS
Print or Type Name

[Signature]
Signature

Operations Engineering Advisor
Title

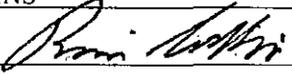
22 July 2015
Date

bcollins@concho.com
e-mail Address

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: Secondary Recovery Pressure Maintenance X Disposal Storage
Application qualifies for administrative approval? X Yes No
- II. OPERATOR: COG Operating, LLC.
ADDRESS: 2208 West Main St, Artesia, NM 88210
CONTACT PARTY: BRIAN COLLINS PHONE: 575-748-6940
- 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:
- Proposed average and maximum daily rate and volume of fluids to be injected;
 - Whether the system is open or closed;
 - Proposed average and maximum injection pressure;
 - Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
 - 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: BRIAN COLLINS TITLE: Operations Engineering Advisor

SIGNATURE:  DATE: 22 July 2015

E-MAIL ADDRESS: bcollins@concho.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: _____

C-108 Application for Authorization to Inject
HAM 26 FEDERAL SWD #1
750' FSL, 200' FWL
Unit M, Section 26, T22S, R34E
Lea County, NM

COG Operating, LLC, proposes to drill the captioned well to 16,200' for salt water disposal service into the Devonian/Silurian/Upper Ordovician from approximately 14,450' to 16,200'. A drilling permit will be submitted upon approval of this C-108.

- V. Map is attached.
- VI. No wells within the ½ mile radius area of review penetrate the proposed injection zone.
- VII.
 1. Proposed average daily injection rate = 17,300 BWPD
Proposed maximum daily injection rate = 25,000 BWPD
 2. Closed system
 3. Proposed maximum injection pressure = 2890 psi
(0.2 psi/ft. x 14,450' ft.)
 4. Source of injected water will be Delaware Sand, Bone Spring and Wolfcamp produced water. No compatibility problems are expected (we've seen no compatibility issues in other Devonian SWDs that take the same produced water as the proposed SWD well). Analyses of Delaware, Bone Spring and Wolfcamp waters are attached. An analysis of the Devonian receiving formation water is attached.
- VIII. The injection zone is the Devonian/Silurian/Upper Ordovician, a mixture of non-hydrocarbon bearing limestone and dolomite from 14450' to 16200'. Any underground water sources will be shallower than 1672', the estimated top of the Rustler Anhydrite.
- IX. The Devonian/Silurian/Upper Ordovician injection interval will be acidized with approximately 40,000 gals of 20 % HCl acid.
- X. Well logs will be filed with the Division. The sonic porosity log across the Devonian is attached for the Bell Lake Unit 6 located in Sec 6-23s-34e.
- XI. There are no fresh water wells within a mile of the proposed SWD well.
- XII. After examining the available geologic and engineering data, 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 is attached.

III.

WELL DATA

INJECTION WELL DATA SHEET

OPERATOR: COG Operating, LLC

WELL NAME & NUMBER: Ham 26 Federal SWD #1

WELL LOCATION: 750' FSL 200' FWL M 26 22s 34e
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 26" Casing Size: 20" e ± 1700'
Cemented with: - sx. or ± 5000 ft³
Top of Cement: Surface Method Determined: Design

Intermediate Casing

Hole Size: 17 1/2" Casing Size: 13 7/8" e ± 5250'
12 1/4" Casing Size: 9 5/8" e ± 11300'
Cemented with: - sx. or ± 7000 ft³
± 3100
Top of Cement: Surface Method Determined: Design
± 4750' Design

Production Casing

Hole Size: 8 1/2" Casing Size: 7" liner e ± 11100-14450'
Cemented with: - sx. or ± 650 ft³
Top of Cement: Top of liner Method Determined: Design
Total Depth: 16200'

Injection Interval

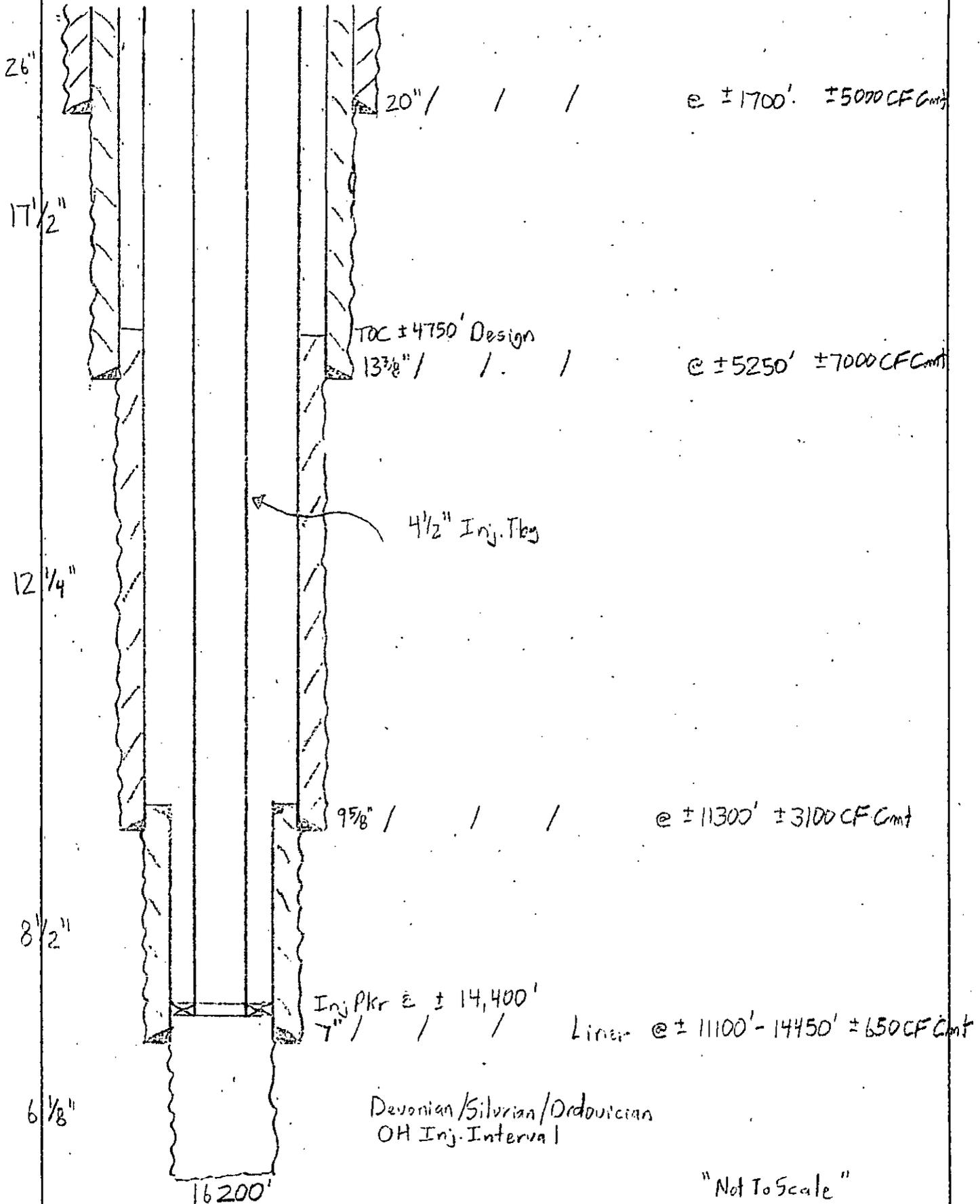
14450' feet to 16,200'

(Perforated for Open Hole indicate which)

See Attached Schematic

30-025-

Ham 26 Federal SWD # 1
750' FSL, 200' FWL
M-26-22s-34e
Lea, NM



V.

MAP

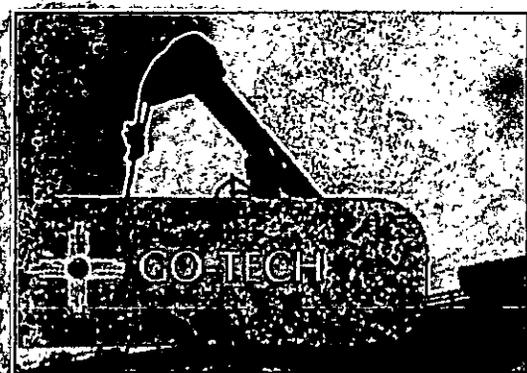
VII.

**Water Analysis
Produced Formation
Water**

**Water Analysis
Receiving Formation
Water**

Water Samples Representative of Producing Formations

WATER SAMPLES REPRESENTATIVE OF WATER BEING INJECTED INTO THE PROPOSED SWD WELL												
Delaware												
2012103128	Gehrig	Fed #2	William D Polk	2/15/2012	1/10/2012	1.16	4.00	251245.24	6.47		25915.00	3525.76
2011128362	Sly Hawk State	1	William D Polk	9/28/2011	9/13/2011	1.17	4.06	256802.26	6.50		26180.00	4101.14
Bone Spring												
Lab Test #	Lease	Location	Salesman	Date Out	Sample Date	Specific Gravity	Ionic Strength	TDS	pH	conductivity	Ca (mg/L)	Mg (mg/L)
2012104723	Phantom 18 State	2H	William D Polk	2/29/2012	1/6/2012	1.09	2.23	136209.81	6.52		6156.63	1132.53
Wolfcamp												
Lab Test #	Lease	Location	Salesman	Date Out	Sample Date	Specific Gravity	Ionic Strength	TDS	pH	conductivity	Ca (mg/L)	Mg (mg/L)
2012105892	Augustus 10	1H		3/15/2012	3/8/2012	1.06	1.46	89771.55	6.60		3963.30	639.83
2011128833	Trail*Boss 4	4H	William D Polk	9/30/2011	9/21/2011	1.05	1.31	78745.89	7.10		3143.00	406.00



- ~ Home
- ~ Production Data ▶
- ~ Well Data ▶
- ~ NM Pricsheet
- ~ Water Data ▶
- ~ Projects ▶
- ~ Software ▶
- ~ Archive ▶
- ~ Other Links ▶
- ~ Help ▶

North American Oil and Gas News

New data series show more detail for crude oil stocks, storage by region

Delayed gratification for OPEC; more pain for investors

Southcross Energy Partners appoints new Senior Vice President and Chief Financial Officer

Oil Production Vital Statistics June 2015

Source: Oil Voice

NYMEX LS Crude 58.93

Navajo WTXI 0

Henry Hub 2.594

Updated: 6/5/2015

State Land Office Data Access

OCD well/log image files

PRRC NM-TECH NM-BGMR

[-] NM:WAIDS

[-] Data

- Produced Water
- Ground Water
- Conversion Tools

[-] Scale

- Scale details
- Stiff
- Odor
- Probable Mineral Composition
- mix

[-] Corrosion

[-] Theory

- Uniform
- Galvanic
- Crevice
- Hydrogen Damage
- EIC
- Erosion

[-] Equipment

- Artificial
- Casing and Tubing
- Surface
- Enhanced

[-] Gases

- O₂

General Information About Sample 5720			
ANTELOPE RIDGE UNIT			
API	3002521082	Sample Number	
Unit/Section/Township/Range	K / 34 / 23S / 34E	Field	ANTELOPE RIDGE
County	Lea	Formation	DEV
State	NM	Depth	
Lat/Long	32.25922, -103.46068	Sample Source	UNKNOWN
TDS (mg/L)	~ 80187	Water Type	
Sample Date (MM/DD/YYYY)	11/14/1967 12:00:00 AM	Analysis Date (MM/DD/YYYY)	
Remarks/Description			
Cation Information (mg/L)		Anion Information (mg/L)	
Potassium (K)		Sulfate (SO)	900
Sodium (Na)		Chloride (Cl)	47900
Calcium (Ca)		Carbonate (CO ₃)	
Magnesium (Mg)		Bicarbonate (HCO ₃)	476
Barium (Ba)		Hydroxide (OH)	
Manganese (Mn)		Hydrogen Sulfide (H ₂ S)	
Strontium (Sr)		Carbon Dioxide (CO ₂)	
Iron (Fe)		Oxygen (O)	

X.

**Sonic Log Across Proposed
Devonian Injection Interval
From Well in Area**

ERGER WELL SURVEYING CORPORATION
HOUSTON, TEXAS

Sonic Log



COMPANY CONTINENTAL OIL COMPANY
WELL BELL LAKE UNIT 6
FIELD BELL LAKE
LOCATION SEC. 6 23S-34E
COUNTY LEA
STATE NEW MEXICO
Other Surveys IES. ML
Location of Well 660' FROM S/1
 1980' FROM E/1
 N.A. 12 4 4 A
Elevation: K.B.: 3485
 D.F.:
 or G.L.: 3465

Log Depths Measured From KB U.S. GEOLOGICAL SURVEY GL
 ROSWELL, NEW MEXICO

RUN No.	ONE	TWO	THREE
Date	10 26 59	12-1-59	2-5-60
First Reading	877	5818	11918
Last Reading	0	890	5822
Feet Measured	-	4928	6096
Csg. Schlum.		890	5822
Csg. Driller	880	890	5822
Depth Reached	890	5822	11923
Bottom Driller	NATIVE	5810	11910
Mud Nat.		MYLO GEL	GEL CAUSTIC OIL
Dens. Visc.		10.7 45	9 33
Mud Resist.	@ °F	.065 @ 63 °F	1.72 @ 74 °F
" Res. BHT	@ °F	.044 @ 104 °F	@ °F
" pH	@ °F	@ °F	25 @ °F
" Wtr. Loss	CC 30 min	3-8 CC 30 min	10 CC 30 min
" Rmf	@ °F	.033 @ 104 °F	1.26 @ 70 °F
Bit Size	15"	16"	12 1/2"
Span:			
	3' 54 To 877	890 To 5818	To
	1' To	4800 To 5300	5822 To 11918
Opr. Rig Time	2 HOURS	3 HOURS	5 HOURS
Truck No.	2526 HOBBS	2526-HOBBS	2526 HOBBS
Recorded By	WINKLER	WILSON & DAVIS	EASLEY
Witness	LYON	BEIRNE	NOTTINGHAM

RUN NO	FOUR	SIX
3-26-60	4 30-60	
14173	15030	
11924	14438	
2249	592	
11924		
11910	14165	
14176	15034	
14165 CAUSTIC	15056	
GEL DRISCOSE -	CHEM.	
13.9 44	10.6 47	
.80 @ 75 °F	.88 @ 66 °F	
.36 @ 180 °F	.27 @ 211 °F	
.48 CC 30 min	CC 30 min	
.52 @ 75 °F	.21 @ 211 °F	
8 5/8"	5 7/8"	
11924 To 14173	CSG. To 14	
11924 To 14172	4500 To 14	
7 HOURS	3 1/2 HOURS	
2527-HOBBS	2526-HOBBS	
ROUSH	DAVIS	
NOTTINGHAM	LYON	

FIVE	SEVEN
4-12-60	6-14-60
14438	15711
14170	15030
2FE	681
14170	14170
14165	14165
14441	15714
14425	15715
SPIRZENE, C. PAM	CHEM
10.9 48	10.1 51
.98 @ 78 °F	.98 @ 80 °F
.53 @ 153 °F	.37 @ 210 °F
11.0 @ °F	10.5 @ °F
5.0 CC 30 min	6.4 CC 30 min
.40 @ 81 °F	.66 @ 80 °F
5 7/8"	5 7/8"
14170 To I.N.	31-15030 To 15711
To	11-15030 To 15718
2 HOURS	4 HOURS
1555-ANDREWS	2524 HOBBS
TIMIAN	ROUSH
BEARD	ELTS

REMARKS VLS NO: 44 VLP NO: 102
 GR B: 40 360 100 400 SENS: 300 T.C. 2 SPEED: 30 FT./MIN
 RUN 1: VLP NO: 102

O-6-T23S-R34E
 CONOCO INC
 BELL LAKE UNIT 2 # 6
 30-025-08483

REMARKS VLC NO: R3-B22
 VLS NO: B 16 GR B: 40 480 100 400 SENS: T.C. 1 SPEED: 40 FT./MIN.
 RUN 2: VLP NO: B 129

REMARKS VLC NO: B 129
 VLS NO: B16
 RUN 3: VLP NO: B129

REMARKS VLC NO: 136 W.L. 4.5 ML 110 PSI 30 MIN.
 VLS NO: 91 GR B: 32 384 100 400 SENS: 300 T.C. 1
 RUN 4: VLP NO: 4 TWO IL STANDOFFS USED ON CARTRIDGE ONE MODIFIED IL STANDOFF
 USED ON SONDE
 INTEGRATED TRAVEL TIME IS CONTINUOUS FROM 100' TO 5818' ... AGAIN IT IS CONTINUOUS
 FROM 5822' TO 14152'

REMARKS VLC NO: B 4
 VLS NO: B-162 GR B: 48 480 100 400 SENS: 300 T.C. 1 SPEED: 40 FT./MIN.
 RUN 5: VLP NO: B-77 AGAIN IT IS CONTINUOUS FROM 14152' TO 14438

REMARKS VLC No.: 82
 RUN 6 VLS No.: 149 GR B: 44 516 100 T.C. 6 SENS: 400 SPEED: 50 FT./MIN.
 VLP No.: 12 SENS: 300 T.C 1

REMARKS VLC No.: 30 RUN: 7
 VLS No.: 16 GR: B 48 516 100 400 SENS: 200-150 T.C. 1
 VLP No.: 4
 C.D. NOT USED

$$\text{Velocity (feet per second)} = \frac{1,000,000}{\text{Interval Transit Time (microseconds per foot)}}$$

SPONTANEOUS POTENTIAL
 millivolts



GAMMA RAY

DEPTH

INTERVAL TRANSIT TIME

microseconds per foot
 ← increases

T_{3R}, 3_R

140

90

40

7.5

15

13500
BARN

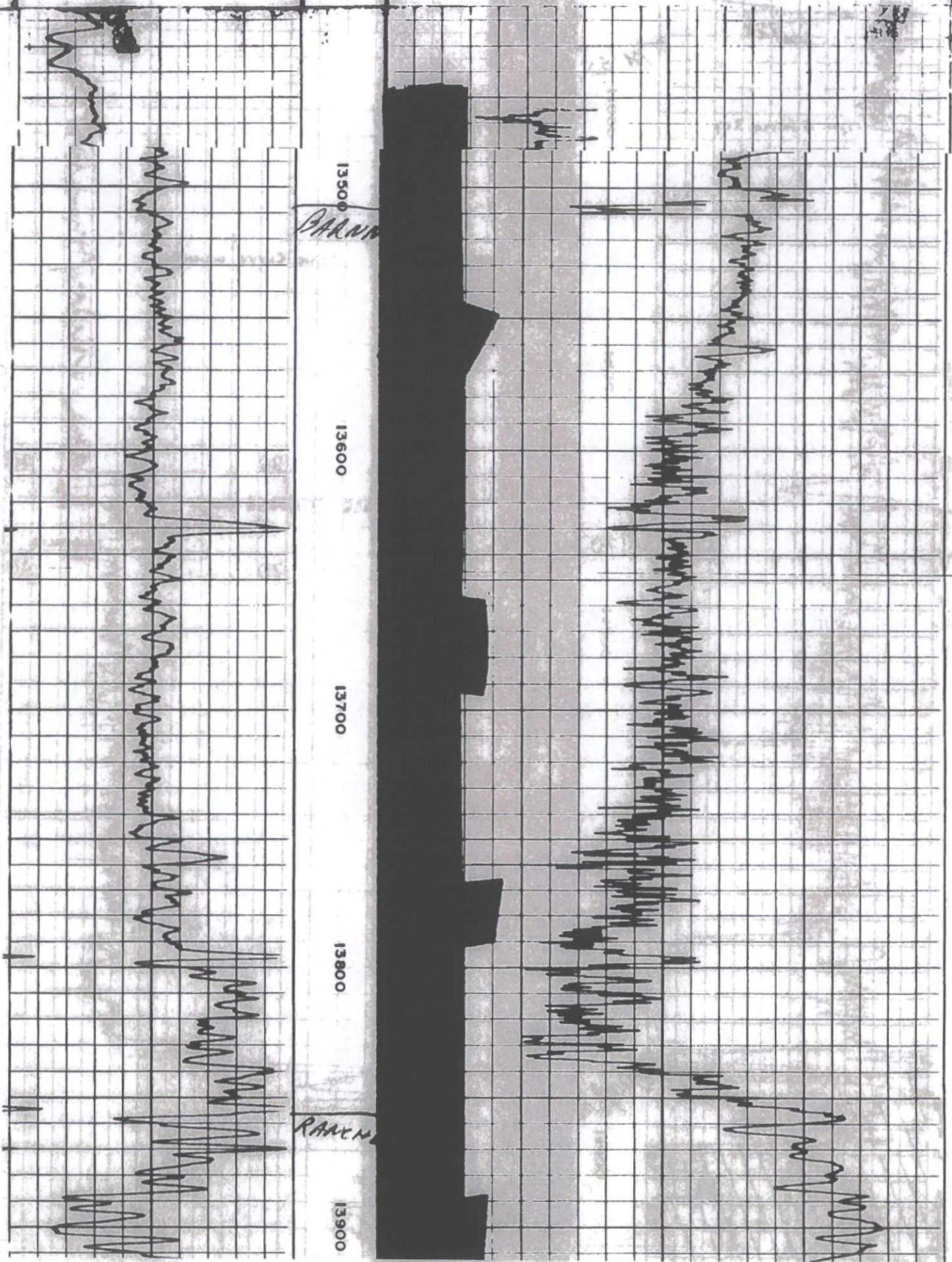
13600

13700

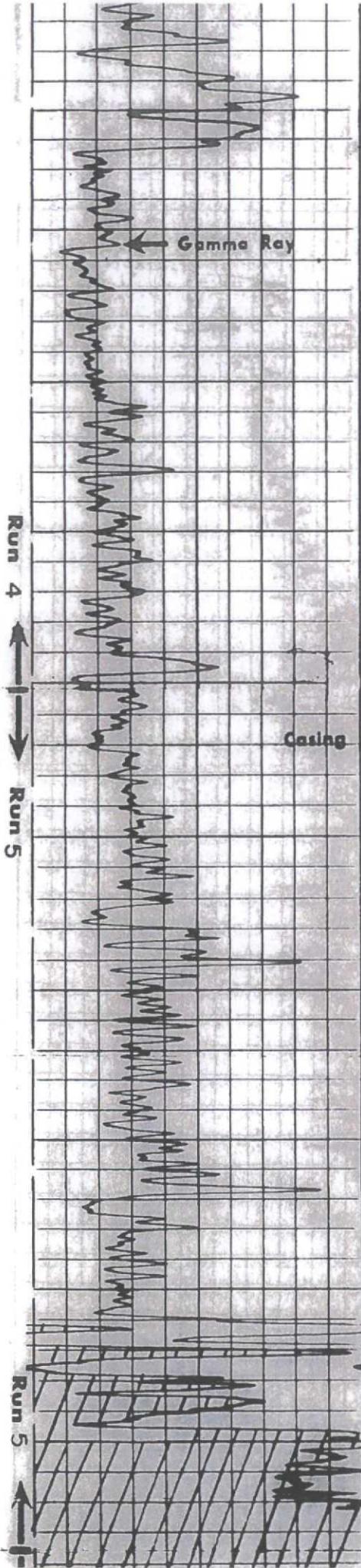
13800

BARN

13900



AS SAFETY FILM
 X-DR SAFETY FILM
 SAFETY FILM
 SAFETY FILM
 SAFETY FILM
 SAFETY FILM



MISS

14000

14100

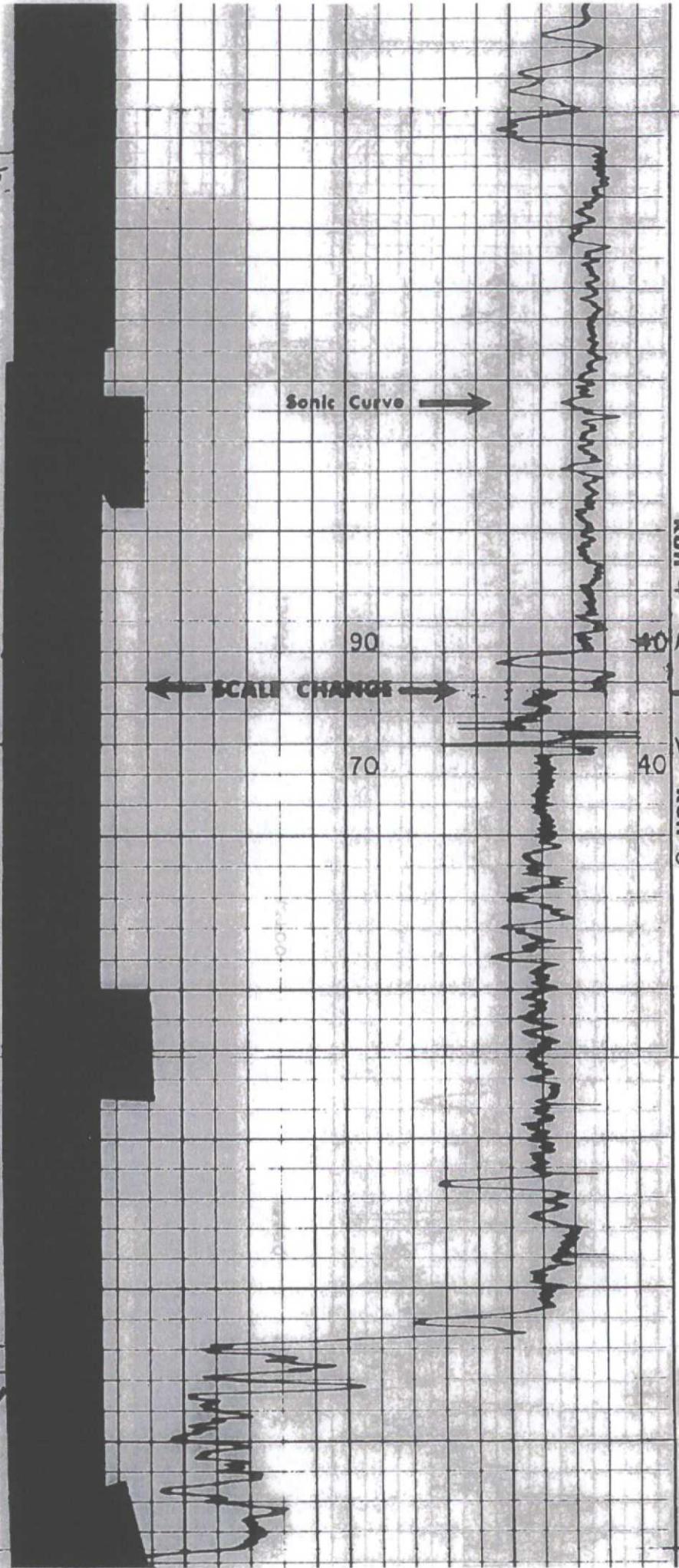
14170

14200

14300

WOOD FILL

14400



Run 4

Run 5

Run 5

Run 6

Run

THREE FOOT SPACING

Sonic Curve

14500

14600

14700

14800

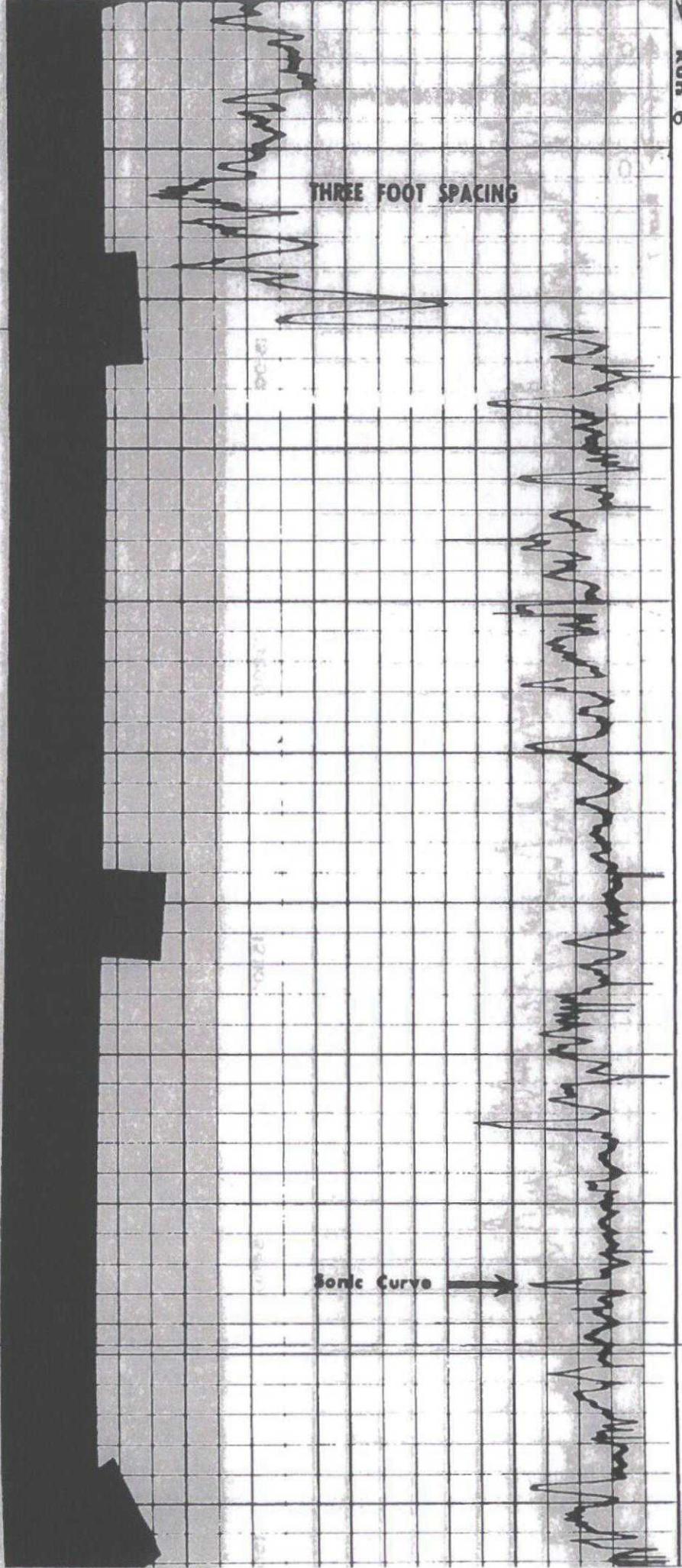
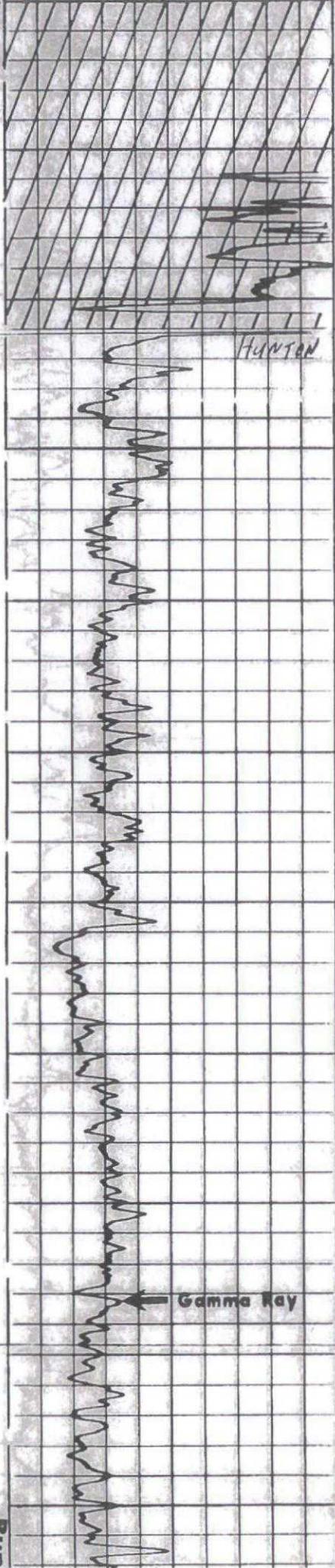
14900

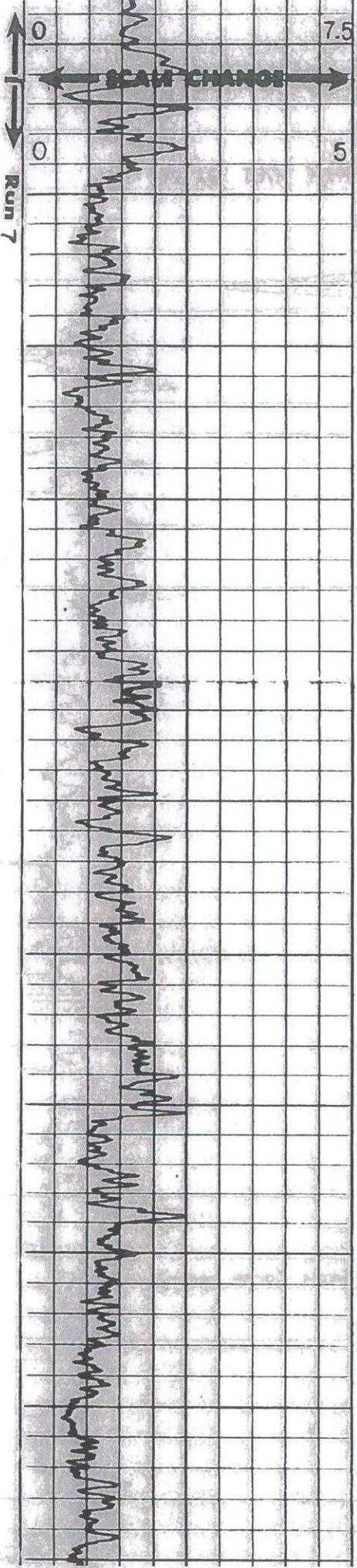
HUNTON DEV

Gamma Ray

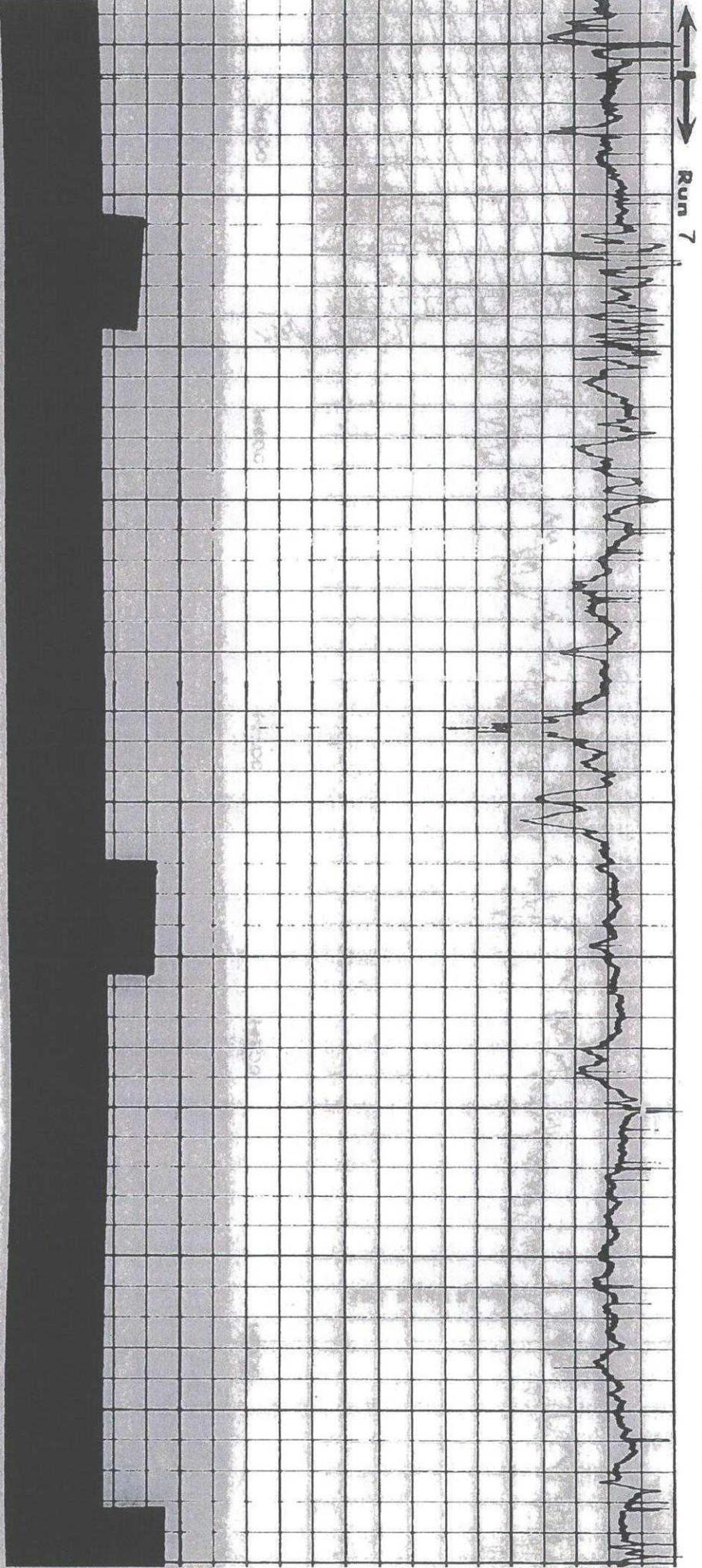
Run 6

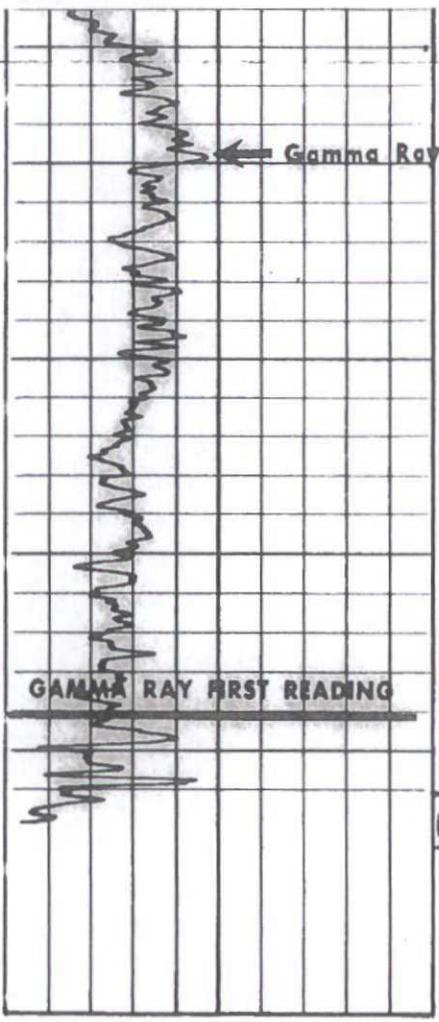
Run





15000 15100 15200 15300 15400 155





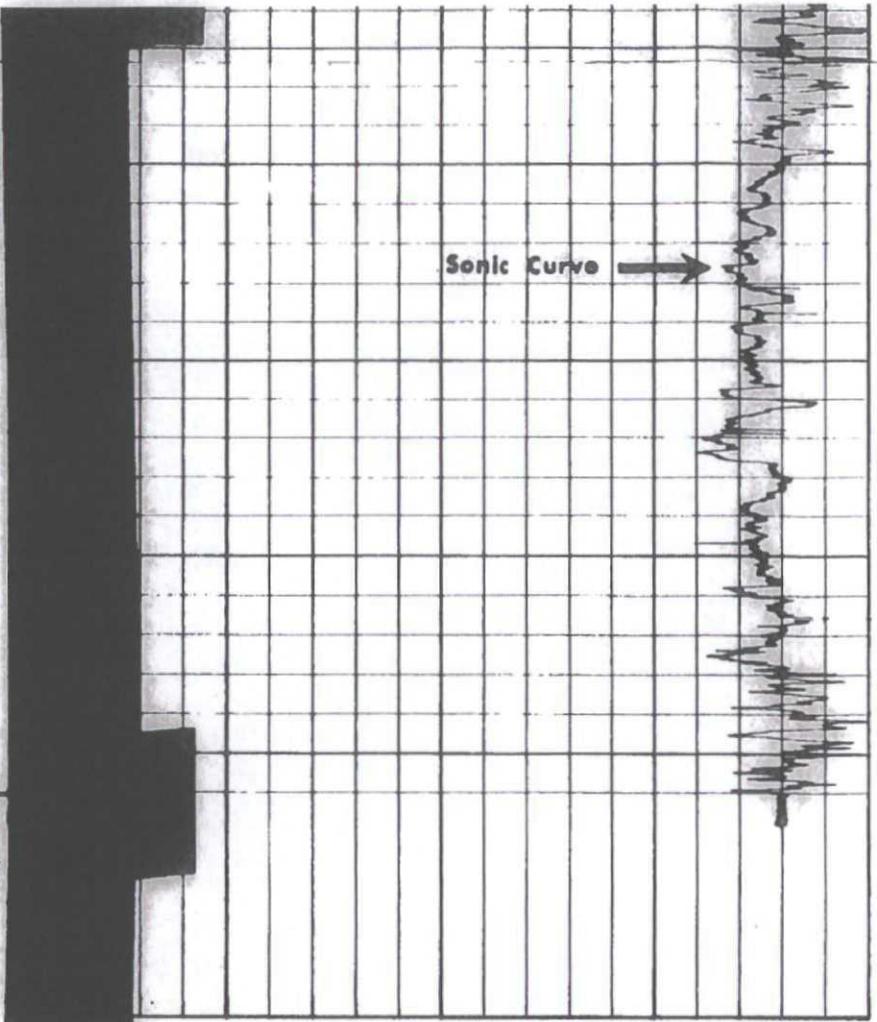
Gamma Ray

GAMMA RAY FIRST READING

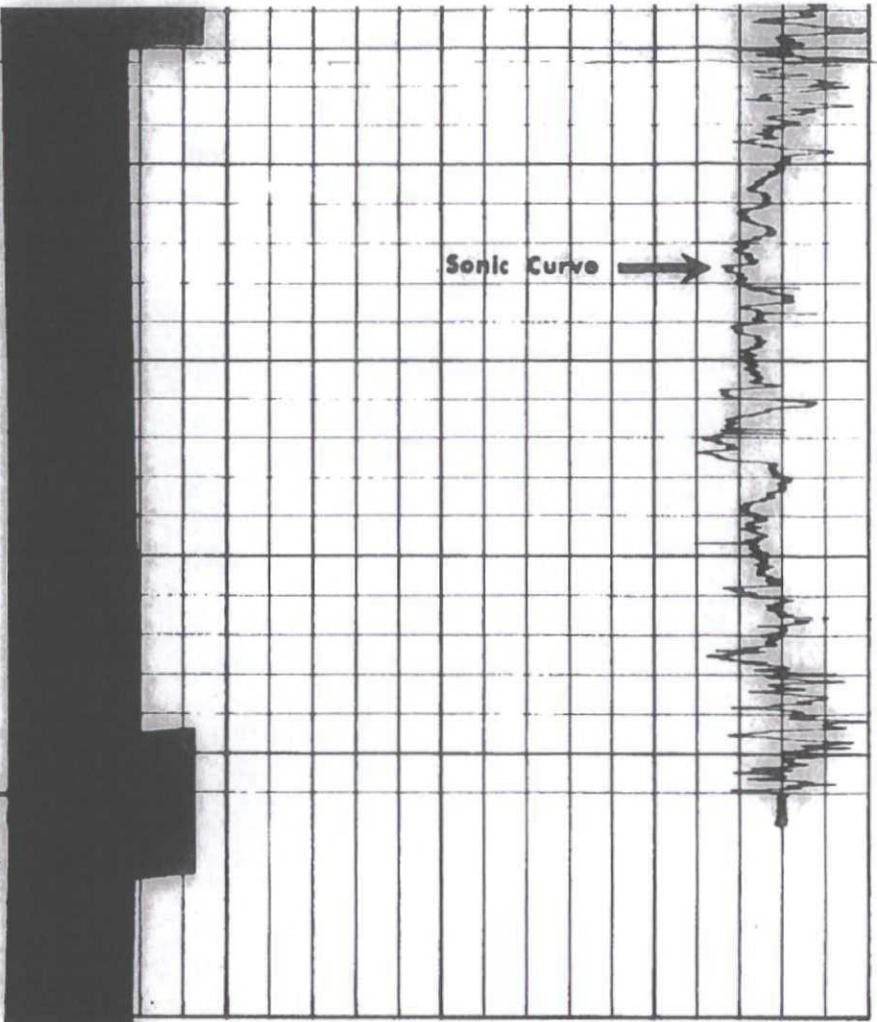
15600

15700

FRI5711
TD15714



Sonic Curve



XI.

Fresh Water Sample Analyses



New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(R=POD has been replaced and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
 C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

WR File Nbr.	Sub	basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	6416	4	Sec	Twp	Range	UTM X	UTM Y
CP 00598		PLS		3	THE MERCHANT LIVESTOCK COMPANY	LE	CP 00598			Shallow	4	1	23	22S	34E	646480	3583511*
CP 00704		PRO		0	APACHE CORPORATION	LE	CP 00704				2	4	22	22S	34E	645681	3583097*
CP 01073		DOL		0	LIMESTONE LIVESTOCK LLC	LE	CP 01073 POD1				3	2	33	22S	34E	643283	3579824
CP 01074		DOL		0	LIMESTONE LIVESTOCK LLC	LE	CP 01074 POD1				4	4	35	22S	34E	647389	3579313

Record Count: 4

PLSS Search:

Section(s): 21, 22, 23, 24, 25, 26, 27, 28, 33, 34; 35, 36
Township: 22S
Range: 34E

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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.



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
CP 00598	4	1	23	22S	34E		646480	3583511*

Driller License: 122

Driller Name:

Drill Start Date:

Drill Finish Date:

Plug Date:

Log File Date:

PCW Rcv Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield: 3 GPM

Casing Size: 6.63

Depth Well: 70 feet

Depth Water:

*UTM location was derived from PLSS - see Help

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.



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
CP 00704	2	4	22	22S	34E	645681	3583097*	

Driller License: 1107

Driller Name: DUBOSE, BILL M. JR.

Drill Start Date: 12/15/1986

Drill Finish Date: 12/17/1986

Plug Date: 12/17/1986

Log File Date: 01/15/1988

PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

Depth Well: 600 feet

Depth Water:

*UTM location was derived from PLSS - see Help

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.



New Mexico Office of the State Engineer

Water Right Summary



WR File Number: CP 01073 **Subbasin:** - **Subfile:** -
Primary Purpose: DOL 72-12-1 DOMESTIC AND LIVESTOCK WATERING
Primary Status: EXP EXPIRED
Total Acres: .
Total Diversion: 0
Agent: ATKINS ENGR ASSOC INC
Contact: JESSICA ATKINS
Owner: LIMESTONE LIVESTOCK LLC
Contact: DARR ANGEL

Documents on File

Trn #	Doc	File/Act	Status		Transaction Desc.	From/	Acres	Diversion	Consumptive
			1	2		To			
499465	72121	2012-03-02	EXP	EXP	CP 01073	T		3	

Current Points of Diversion

POD Number	Source	Q Q Q			X	Y	Other Location Desc
		64 16 4	Sec	Tws Rng			
CP 01073 POD1		3 2 3	33	22S 34E	643283	3579824	

(NAD83 UTM in meters)

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.



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

POD Number	Q64 Q16 Q4 Sec Tws Rng	X	Y
CP 01073 POD1	3 2 3 33 22S 34E	643283	3579824

Driller License:

Driller Name:

Drill Start Date:

Drill Finish Date:

Plug Date:

Log File Date:

PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

Depth Well:

Depth Water:

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.



New Mexico Office of the State Engineer

Water Right Summary



WR File Number: CP 01074 **Subbasin:** - **Subfile:** -
Primary Purpose: DOL 72-12-1 DOMESTIC AND LIVESTOCK WATERING
Primary Status: EXP EXPIRED
Total Acres:
Total Diversion: 0
Agent: ATKINS ENGR ASSOC INC
Contact: JESSICA ATKINS
Owner: LIMESTONE LIVESTOCK LLC
Contact: DARR ANGEL

Documents on File

Trn #	Doc	File/Act	Status		Transaction Desc.	From/To		Acres	Diversion	Consumptive
			1	2						
499503	72121	2012-03-05	EXP	EXP	CP 01074		T.			3

Current Points of Diversion

POD Number	Source	Q Q Q			X	Y	Other Location Desc
		64 16 4	Sec	Tws Rng			
CP 01074 POD1		4 4 4	35	22S 34E	647389	3579313	

(NAD83 UTM in meters)

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New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

POD Number	Q64 Q16 Q4 Sec Tws Rng	X	Y
CP 01074 POD1	4 4 4 35 22S 34E	647389	3579313 

Driller License:

Driller Name:

Drill Start Date:

Log File Date:

Pump Type:

Casing Size:

Drill Finish Date:

PCW Rcv Date:

Pipe Discharge Size:

Depth Well:

Plug Date:

Source:

Estimated Yield:

Depth Water:

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June 22, 2015

Hobbs News-Sun
P.O. Box 850
Hobbs, NM 88240

Re: Legal Notice
Salt Water Disposal Well
Ham.26 Federal SWD #1

To Whom It May Concern:

Enclosed is a legal notice regarding New Mexico Oil Conservation Division C-108 Application for Authorization to Inject for a salt water disposal well.

Please run this notice and return the proof of notice to the undersigned at:

COG Operating LLC, 2208 W. Main St., Artesia, NM 88210

Sincerely,

A handwritten signature in black ink, appearing to read "Brian Collins".

Brian Collins
Operations Engineering Advisor

BC/sw
Enclosures

HOBBS NEWS-SUN
LEGAL NOTICES

COG Operating LLC, 2208 W. Main Street, Artesia, New Mexico, 88210, has filed Form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for a salt water disposal well. The proposed well, the Ham 26 Federal SWD No. 1, is located 750' FSL and 200' FWL, Section 26, Township 22 South, Range 34 East, Lea County, New Mexico. Disposal water will be sourced from area wells producing from the Delaware, Bone Spring and Wolfcamp formations. The disposal water will be injected into the Devonian/Silurian/Ordovician formation at a depth of 14,450' to 16,200' at a maximum surface pressure of 2890 psi and a maximum rate of 25,000 BWPd. The proposed SWD well is located approximately 17 miles west/southwest of Eunice. Any interested party who has an objection to this must give notice in writing to the Oil Conservation Division, 1220 South Saint Francis Street, Santa Fe, New Mexico, 87505, within fifteen (15) days of this notice. Any interested party with questions or comments may contact Brian Collins at COG Operating LLC, 2208 W. Main Street, Artesia, New Mexico 88210, or call 575-748-6940.

Published in the Hobbs News-Sun Hobbs, New Mexico
_____, 2015.

Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

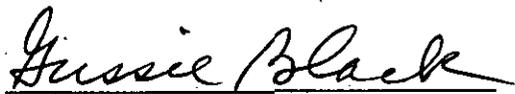
I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

Beginning with the issue dated
June 24, 2015
and ending with the issue dated
June 24, 2015.



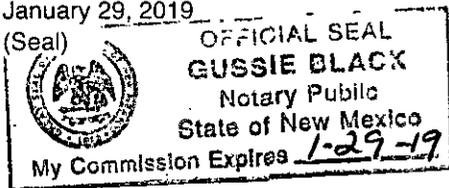
Publisher

Sworn and subscribed to before me this
24th day of June 2015.



Business Manager

My commission expires
January 29, 2019



This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

LEGAL NOTICES
June 24, 2015

COG Operating LLC, 2208 W. Main Street, Artesia, New Mexico, 88210, has filed Form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for a salt water disposal well. The proposed well, the Ham#26 Federal SWD No. 1, is located 750' FSL and 200' FWL, Section 26, Township 22 South, Range 34 East, Lea County, New Mexico. Disposal water will be sourced from area wells producing from the Delaware, Bone Spring and Wolfcamp formations. The disposal water will be injected into the Devonian/Silurian/Ordovician formation at a depth of 14,450' to 16,200' at a maximum surface pressure of 2890 psi and a maximum rate of 25,000 BWPD. The proposed SWD well is located approximately 17 miles west/southwest of Eunice. Any interested party who has an objection to this must give notice in writing to the Oil Conservation Division, 1220 South Saint Francis Street, Santa Fe, New Mexico, 87505, within fifteen (15) days of this notice. Any interested party with questions or comments may contact Brian Collins at COG Operating LLC, 2208 W. Main Street, Artesia, New Mexico 88210, or call 575-748-6940.

#30139

67112034

00158404

BRIAN COLLINS
COG OPERATING LLC
2208 W. MAIN ST.
ARTESIA, NM 88210



July 21, 2015

Oil Conservation Division
Attn: Paul Kautz
1625 North French Dr.
Hobbs, NM 88240

RE: Application For Authorization To Inject
Ham 26 Federal SWD #1
Township 22 South, Range 34 East, N.M.P.M.
Section 26: 750' FSL & 200' FWL
Lea County, New Mexico

Dear Mr. Kautz:

COG Operating LLC respectfully requests administrative approval for authorization to inject for the referenced well. Attached, for your review, is a copy of the C-108 application. Once we receive the newspaper publication and all certified return receipts, I will send you a copy.

Our geologic prognosis has the top of the Devonian at 14,666' and Fusselman at 14,916'. I'm permitting the injection interval a couple of hundred feet shallower and deeper than the prognosis just in case the formation tops are different than expected due to the lack of deep well control in this area. We will likely call TD about 1250' to 1500' below the actual top of the Devonian when we drill the well:

Please do not hesitate to contact me at (575) 748-6940 should you have any questions.

Sincerely,

Brian Collins
Operations Engineering Advisor

BC/sw
Enclosures



July 21, 2015

New Mexico Oil Conservation Division
Attn: Phillip Goetze
1220 South St. Francis Drive
Santa Fe, NM 87505

RE: Application For Authorization To Inject
Ham 26 Federal SWD #1
Township 22 South, Range 34 East, N.M.P.M.
Section 26: 750' FSL & 200' FWL
Lea County, New Mexico

Dear Mr. Goetze:

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Please do not hesitate to contact me at (575) 748-6940 should you have any questions.

Sincerely,

Brian Collins
Operations Engineering Advisor

BC/sw
Enclosures



July 21, 2015

Axis Energy Corp.
P.O. Box 219303
Houston, TX 77218

RE: Application For Authorization To Inject
Ham 26 Federal SWD #1
Township 22 South, Range 34 East, N.M.P.M.
Section 26: 750' FSL & 200' FWL
Lea County, New Mexico

To Whom It May Concern:

Enclosed for your review is a copy of COG Operating LLC's C-108 Application to Inject for the above referenced well. We plan to drill this well for SWD service if our C-108 is approved. As a requirement of the New Mexico Oil Conservation Division, we are notifying you because you have been identified as the surface owner or an operator within a half mile radius area of review. Any objections must be submitted in writing to NMOCD, 1220 S. St. Francis Drive, Santa Fe, New Mexico 87505. Objections must be received within fifteen (15) days of receipt of this letter.

Please do not hesitate to contact us at 575-748-6940 should you have any questions.

Sincerely,

Brian Collins
Operations Engineering Advisor

BC/sw
Enclosures



July 21, 2015

Hunt Oil Company.
1900 N. Akard St.
Dallas, TX 75201-2300

**RE: Application For Authorization To Inject
Ham 26 Federal SWD #1
Township 22 South, Range 34 East, N.M.P.M.
Section 26: 750' FSL & 200' FWL
Lea County, New Mexico**

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Please do not hesitate to contact us at 575-748-6940 should you have any questions.

Sincerely,

Brian Collins
Operations Engineering Advisor

BC/sw
Enclosures



July 21, 2015

BLM
620 E Greene St.
Carlsbad, NM 88220

**RE: Application For Authorization To Inject
Ham 26 Federal SWD #1
Township 22 South, Range 34 East, N.M.P.M.
Section 26: 750' FSL & 200' FWL
Lea County, New Mexico**

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Please do not hesitate to contact us at 575-748-6940 should you have any questions.

Sincerely,

Brian Collins
Operations Engineering Advisor

BC/sw
Enclosures



July 21, 2015

David Pace
P.O. Box 2136
Midland, TX 79702

RE: Application For Authorization To Inject
Ham 26 Federal SWD #1
Township 22 South, Range 34 East, N.M.P.M.
Section 26: 750' FSL & 200' FWL
Lea County, New Mexico

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Please do not hesitate to contact us at 575-748-6940 should you have any questions.

Sincerely,

Brian Collins
Operations Engineering Advisor

BC/sw
Enclosures



July 21, 2015

Joe Reynolds
2333 50th St. Ste. #4
Lubbock, TX 79421

RE: Application For Authorization To Inject
Ham 26 Federal SWD #1
Township 22 South, Range 34 East, N.M.P.M.
Section 26: 750' FSL & 200' FWL
Lea County, New Mexico

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Please do not hesitate to contact us at 575-748-6940 should you have any questions.

Sincerely,

Brian Collins
Operations Engineering Advisor

BC/sw
Enclosures



July 21, 2015

Samson Resources Company
2 W. Second St.
Tulsa, OK 74103

**RE: Application For Authorization To Inject
Ham 26 Federal SWD #1
Township 22 South, Range 34 East, N.M.P.M.
Section 26: 750' FSL & 200' FWL
Lea County, New Mexico**

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Sincerely,

Brian Collins
Operations Engineering Advisor

BC/sw
Enclosures



July 21, 2015

BTA Oil Producers
104 S. Pecos Street
Midland, TX 79701

**RE: Application For Authorization To Inject
Ham 26 Federal SWD #1
Township 22 South, Range 34 East, N.M.P.M.
Section 26: 750' FSL & 200' FWL
Lea County, New Mexico**

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Sincerely,

Brian Collins
Operations Engineering Advisor

BC/sw
Enclosures

CORPORATE ADDRESS

One Concho Center | 600 West Illinois Avenue | Midland, Texas 79701
PHONE 432.683.7443 | FAX 432.683.7441

LOCAL ADDRESS

Concho West | 2208 West Main Street | Artesia, New Mexico 88210
PHONE 575.748.6940 | FAX 575.748.6968



July 21, 2015

Salient Zarvona Energy Fund, LP
4265 San Felipe, Ste.100
Houston, TX 77027

**RE: Application For Authorization To Inject
Ham 26 Federal SWD #1
Township 22 South, Range 34 East, N.M.P.M.
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Sincerely,

Brian Collins
Operations Engineering Advisor

BC/sw
Enclosures

CORPORATE ADDRESS

One Concho Center | 600 West Illinois Avenue | Midland, Texas 79701
PHONE 432.683.7443 | FAX 432.683.7441

LOCAL ADDRESS

Concho West | 2208 West Main Street | Artesia, New Mexico 88210
PHONE 575.748.6940 | FAX 575.748.6968



July 21, 2015

Overton Energy Investments VI, LLC
4265 San Felipe, Ste. 100
Houston, TX 77027

RE: Application For Authorization To Inject
Ham 26 Federal SWD #1
Township 22 South, Range 34 East, N.M.P.M.
Section 26: 750' FSL & 200' FWL
Lea County, New Mexico

To Whom It May Concern:

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PHONE 432.683.7443 | FAX 432.683.7441

LOCAL ADDRESS

Concho West | 2208 West Main Street | Artesia, New Mexico 88210
PHONE 575.748.6940 | FAX 575.748.6968



RECEIVED OGD

2015 JUL 27 P 3:03

July 21, 2015

New Mexico Oil Conservation Division
Attn: Phillip Goetze
1220 South St. Francis Drive
Santa Fe, NM 87505

RE: Application For Authorization To Inject
Ham 26 Federal SWD #1
Township 22 South, Range 34 East, N.M.P.M.
Section 26: 750' FSL & 200' FWL
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Please do not hesitate to contact me at (575) 748-6940 should you have any questions.

Sincerely,

Brian Collins
Operations Engineering Advisor

BC/sw
Enclosures

OCD Permitting

Home Land Searches Land Details

Section : 26-22S-34E

Type: Normal

Total Acres: 640

County: Lea (25)

D (D) Federal ¹ Federal ² (25) 40	C (C) Federal ¹ Federal ² (25) 40	B (B) Federal ¹ Federal ² (25) 40	A (A) R * Fee ¹ State ² (25) 40
E (E) Federal ¹ Federal ² (25) 40	F (F) Federal ¹ Federal ² (25) 40	G (G) Federal ¹ Federal ² (25) 40	H (H) R * Fee ¹ State ² (25) 40
L (L) Federal ¹ Federal ² (25) 40	K (K) Federal ¹ Federal ² (25) 40	J (J) Federal ¹ Federal ² (25) 40	I (I) R * Fee ¹ State ² (25) 40
M (M) Federal ¹ Federal ² (25) 40	N (N) Federal ¹ Federal ² (25) 40	O (O) Federal ¹ Federal ² (25) 40	P (P) R * Fee ¹ State ² (25) 40

Note * = Restriction Code(s)

Note ¹ = Surface Owner Rights

Note ² = Sub-Surface Mineral Rights

Land Restrictions

26-22S-34E A (A)	OGR - Oil & Gas Reserved to U.S.A. PRU - Potash Reserved U.S.A.
26-22S-34E H (H)	OGR - Oil & Gas Reserved to U.S.A. PRU - Potash Reserved U.S.A.
26-22S-34E I (I)	OGR - Oil & Gas Reserved to U.S.A. PRU - Potash Reserved U.S.A.
26-22S-34E P (P)	OGR - Oil & Gas Reserved to U.S.A. PRU - Potash Reserved U.S.A.

[Return to Search](#)

County _____ Pool _____

TOWNSHIP		Range				NMPM	
6	5	4	3	2	1		
7	8	9	10	11	12		
18	17	16	15	14	13		
19	20	21	22	23	24		
30	29	28	27	26	25		
31	32	33	34	35	36		

Handwritten annotations on the grid include:
- A small circle with a dot in the cell for Range 27, Township 30.
- A small circle with a dot in the cell for Range 26, Township 25.
- A small circle with a dot in the cell for Range 26, Township 26.
- A small circle with a dot in the cell for Range 26, Township 27.
- A small circle with a dot in the cell for Range 26, Township 28.
- A small circle with a dot in the cell for Range 26, Township 29.
- A small circle with a dot in the cell for Range 26, Township 30.
- A small circle with a dot in the cell for Range 26, Township 31.
- A small circle with a dot in the cell for Range 26, Township 32.
- A small circle with a dot in the cell for Range 26, Township 33.
- A small circle with a dot in the cell for Range 26, Township 34.
- A small circle with a dot in the cell for Range 26, Township 35.
- A small circle with a dot in the cell for Range 26, Township 36.
- A small circle with a dot in the cell for Range 26, Township 37.
- A small circle with a dot in the cell for Range 26, Township 38.
- A small circle with a dot in the cell for Range 26, Township 39.
- A small circle with a dot in the cell for Range 26, Township 40.
- A small circle with a dot in the cell for Range 26, Township 41.
- A small circle with a dot in the cell for Range 26, Township 42.
- A small circle with a dot in the cell for Range 26, Township 43.
- A small circle with a dot in the cell for Range 26, Township 44.
- A small circle with a dot in the cell for Range 26, Township 45.
- A small circle with a dot in the cell for Range 26, Township 46.
- A small circle with a dot in the cell for Range 26, Township 47.
- A small circle with a dot in the cell for Range 26, Township 48.
- A small circle with a dot in the cell for Range 26, Township 49.
- A small circle with a dot in the cell for Range 26, Township 50.

✓ BTA in 34
BTA in 26
" in 35
COG in 27

Jones, William V, EMNRD

From: Jones, William V, EMNRD
Sent: Wednesday, August 12, 2015 2:58 PM
To: 'Marissa Villa'
Subject: Ham 26 Federal SWD Well No. 1

Hello Marissa,
Thanks for the other data.

On the Ham 26 Federal SWD Well No. 1
Would you send a copy of the green cards (mailers sent out) with the dates on them?
I have the newspaper notice on that one....

Jones, William V, EMNRD

From: Marissa Villa <MVilla@concho.com>
Sent: Wednesday, August 12, 2015 3:23 PM
To: Jones, William V, EMNRD
Subject: Ham 26 Federal
Attachments: Scanned from PRT01-ARW.pdf

-----Original Message-----

From: PRT01-ARW@concho.com [mailto:PRT01-ARW@concho.com]
Sent: Wednesday, August 12, 2015 4:11 PM
To: Marissa Villa
Subject: Scanned from PRT01-ARW

Please open the attached document. It was scanned and sent to you using a Xerox multifunction device.

Attachment File Type: pdf, Multi-Page

multifunction device Location: Artesia West Upper Level (mailroom) Device Name: PRT02-ARW

For more information on Xerox products and solutions, please visit <http://www.xerox.com> CONFIDENTIALITY NOTICE: The information in this email may be confidential and/or privileged. If you are not the intended recipient or an authorized representative of the intended recipient, you are hereby notified that any review, dissemination or copying of this email and its attachments, if any, or the information contained herein, is prohibited. If you have received this email in error, please immediately notify the sender by return email and delete this email from your system. Thank you.

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HE52 502E 0000 029T 49

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Postage \$

Return (Endorsement)
Restrictions (Endorsement)
Total Paid

Salient Zarfona Energy Fund, LP
4265 San Felipe, Ste. 100
Houston, TX 77027
Ham 26 Federal SWD #1

Sent To
Street, Apt. No., or PO Box No.
City, State, ZIP+4

PS Form 3800, August 2006 See Reverse for Instructions

U.S. Postal ServiceTM
CERTIFIED MAIL[®] RECEIPT
Domestic Mail Only

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage \$

End (Restriction)
Total

Joe Reynolds
2333 50th St. Ste. #4
Lubbock, TX 79421
Ham 26 Federal SWD #1

Sent To

2192 861E 0000 020E E102
4752 502E 0000 029T 49

U.S. Postal ServiceTM
CERTIFIED MAILTM RECEIPT
(Domestic Mail Only, No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage \$

Return (Endorsement)
Restrictions (Endorsement)
Total Paid

Samson Resources Company
2 W. Second St.
Tulsa, OK 74103
Ham 26 Federal SWD #1

Sent To
Street, Apt. No., or PO Box No.
City, State, ZIP+4

PS Form 3800, August 2006 See Reverse for Instructions

U.S. Postal ServiceTM
CERTIFIED MAIL[®] RECEIPT
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Total

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For delivery information, visit our website at www.usps.com

OFFICIAL USE

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Rt (Ex)	
Tot	

David Pace
P.O. Box 2136
Midland, TX 79702
Ham 26 Federal SWD #1

Sent To

Street & Apt. No.,
or PO Box No.

City, State, ZIP+4

PS Form 3800, July 2013 See Reverse for Instructions

U.S. Postal Service
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com

OFFICIAL USE

Postage	\$
Ex	
Re (En)	
Tot	

BLM
620 E Greene St.
Carlsbad, NM 88220
Ham 26 Federal SWD #1

Sent To

Street & Apt. No.,
or PO Box No.

City, State, ZIP+4

PS Form 3800, July 2013 See Reverse for Instructions

U.S. Postal Service
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com

OFFICIAL USE

Postage	\$
Certified Fee	
Flat (Endorse)	
Restrict (Endorse)	
Total P	

Hunt Oil Company
1900 N. Akard St.
Dallas, TX 75201-2300
Ham 26 Federal SWD #1

Sent To

Street & Apt. No.,
or PO Box No.

City, State, ZIP+4

PS Form 3800, July 2013 See Reverse for Instructions

U.S. Postal Service
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com

OFFICIAL USE

Postage	\$
Rest (Endo)	
Total	

BTA Oil Producers
104 S. Pecos Street
Midland, TX 79701
Ham 26 Federal SWD #1

Sent To

Street & Apt. No.,
or PO Box No.

City, State, ZIP+4

PS Form 3800, July 2013 See Reverse for Instructions

7014 1820 0000 3205 7510

7014 1820 0000 3205 7589

7014 1820 0000 3205 7527

7014 1820 0000 3205 7596

7014 1820 0000 3205 7565

U.S. Postal Service
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com

OFFICIAL USE

Postage \$ _____
New Mexico Oil Conservation Division
Attn: Phillip Goetze
1220 South St. Francis Drive
Santa Fe, NM 87505
Ham 26 Federal SWD #1
(End)
Res (End)
Tot

Sent To
Street & Apt. No.,
or PO Box No.
City, State, ZIP+4

PS Form 3800, July 2013 (See Reverse for Instructions)

7014 1820 0000 3205 7572

U.S. Postal Service
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com

OFFICIAL USE

Postage \$ _____
Axis Energy Corp.
P.O. Box 219303
Houston, TX 77218
Ham 26 Federal SWD #1
Re (End)
Res (End)
Total

Sent To
Street & Apt. No.,
or PO Box No.
City, State, ZIP+4

PS Form 3800, July 2013 (See Reverse for Instructions)

7014 1820 0000 3205 7558

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com

OFFICIAL USE

Postage \$ _____
Oil Conservation Division
Attn: Paul Kautz
1625 North French Dr.
Hobbs, NM 88240
Ham 26 Federal SWD #1
Er
Re (Er)
Tr

Sent To
Street & Apt. No.,
or PO Box No.
City, State, ZIP+4

PS Form 3800, July 2013 (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:

Samson Resources Company
2 W. Second St.
Tulsa, OK 74103
Ham 26 Federal SWD #1

2. Article Number

(Transfer from service label)

7013 3020 0000 8748 8812

PS Form 3811, July 2013

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

 Agent Address

B. Received by (Printed Name)

Dana Lash

C. Date of Delivery

JUL 28 2015

D. Is delivery address different from Item 1? YesIf YES, enter delivery address below: No

3. Service Type

 Certified Mail® Priority Mail Express™ Registered Return Receipt for Merchandise Insured Mail Collect on Delivery

4. Restricted Delivery? (Extra Fee)

 Yes

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:

Hunt Oil Company
1900 N. Akard St.
Dallas, TX 75201-2300
Ham 26 Federal SWD #1

2. Article Number

(Transfer from service label)

7014 1820 0000 3205 7527

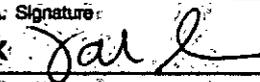
PS Form 3811, July 2013

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

 Agent Address

B. Received by (Printed Name)

J. L. Smith

C. Date of Delivery

7/21

D. Is delivery address different from Item 1? YesIf YES, enter delivery address below: No

3. Service Type

 Certified Mail® Priority Mail Express™ Registered Return Receipt for Merchandise Insured Mail Collect on Delivery

4. Restricted Delivery? (Extra Fee)

 Yes

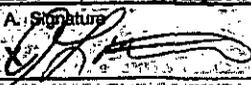
SENDER: COMPLETE THIS SECTION

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:

Oil Conservation Division
 Attn: Paul Kautz
 1625 North French Dr.
 Hobbs, NM 88240
 Ham 26 Federal SW D/F 1

COMPLETE THIS SECTION ON DELIVERY

A. Signature  Agent
 Address

B. Received by (Printed Name) G. Kautz C. Date of Delivery 7-27-13

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

3. Service Type
 Certified Mail® Priority Mail Express™
 Registered Return Receipt for Merchandise
 Insured Mail Collect on Delivery

4. Restricted Delivery? (Extra Fee) Yes

2. Article Number (Transfer from service label) 7014 1820 0000 3205 7558

PS Form 3811, July 2013 Domestic Return Receipt

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:

New Mexico Oil Conservation Division
 Attn: Phillip Goetze
 1220 South St. Francis Drive
 Santa Fe, NM 87505
 Ham 26 Federal SW D/F 1

COMPLETE THIS SECTION ON DELIVERY

A. Signature  Agent
 Address

B. Received by (Printed Name) Goetze C. Date of Delivery JUL 27 2015

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

3. Service Type
 Certified Mail® Priority Mail Express™
 Registered Return Receipt for Merchandise
 Insured Mail Collect on Delivery

4. Restricted Delivery? (Extra Fee) Yes

2. Article Number (Transfer from service label) 100 3205 7565

PS Form 3811, July 2013 Domestic Return Receipt

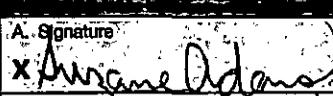
SENDER: COMPLETE THIS SECTION

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:

Overton Energy Investments VI, LLC
 4265 San Felipe, Ste. 100
 Houston, TX 77027
 Ham 26 Federal SW D/F 1

COMPLETE THIS SECTION ON DELIVERY

A. Signature  Agent
 Address

B. Received by (Printed Name) Suzanne Adams C. Date of Delivery 7-28-11

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

3. Service Type
 Certified Mail® Priority Mail Express™
 Registered Return Receipt for Merchandise
 Insured Mail Collect on Delivery

4. Restricted Delivery? (Extra Fee) Yes

2. Article Number (Transfer from service label) 7014 1820 0000 3205 7541

PS Form 3811, July 2013 Domestic Return Receipt

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:

Joe Reynolds
 2333 50th St. Ste. #4
 Lubbock, TX 79421
 Item 26 Federal SWD #1

2. Article Number

(Transfer from service label)

7014 1820 0000 3205 7534

PS Form 3811, July 2013

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature

x [Signature]

- Agent
- Addressee

B. Received by (Printed Name)

HB

C. Date of Delivery

7/27/13

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

3. Service Type

- Certified Mail®
- Priority Mail Express™
- Registered
- Return Receipt for Merchandise
- Insured Mail
- Collect on Delivery

4. Restricted Delivery? (Extra Fee)

Yes

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:

BLM
 620 E Greene St.
 Carlsbad, NM 88220
 Item 26 Federal SWD #1

2. Article Number

(Transfer from service label)

7014 1820 0000 3205 7589

PS Form 3811, July 2013

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X [Signature]

- Agent
- Addressee

B. Received by (Printed Name)

LISA J SCOTT

C. Date of Delivery

7/27/13

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

3. Service Type

- Certified Mail®
- Priority Mail Express™
- Registered
- Return Receipt for Merchandise
- Insured Mail
- Collect on Delivery

4. Restricted Delivery? (Extra Fee)

Yes

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:

BTA Oil Producers
 104 S. Pecos Street
 Midland, TX 79701
 Item 26 Federal SWD #1

2. Article Number

(Transfer from service label)

7014 1820 0000 3205 7596

PS Form 3811, July 2013

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X [Signature]

- Agent
- Addressee

B. Received by (Printed Name)

LISA GOSH

C. Date of Delivery

7-27-13

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

3. Service Type

- Certified Mail®
- Priority Mail Express™
- Registered
- Return Receipt for Merchandise
- Insured Mail
- Collect on Delivery

4. Restricted Delivery? (Extra Fee)

Yes



C-108 Review Checklist: Received 7/27/15 Add. Request: 8/12/15 Reply Date: 8/21/15 Suspended: _____ (Ver 14)

PERMIT TYPE: WFX / PMX / SWD Number 1563 Permit Date: 8/14/15 Legacy Permits/Orders: _____

Well No. _____ Well Name(s): HAM 26 Federal, SWDA 1

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

Footages 756 FSL/200 FUL Lot _____ or Unit M Sec 26 Tsp 22S Rge 34E County LEA

General Location: _____ Pool: _____ Pool No.: _____

BLM 100K Map: _____ Operator: COG Operate, LLC OGRID: _____ Contact: Brian Collier

COMPLIANCE RULE 5.9: Total Wells: _____ Inactive: _____ Fincl Assur: _____ Compl. Order? _____ IS 5.9 OK? OK Date: 8/12/15

WELL FILE REVIEWED ○ Current Status: - NOT Permitted

WELL DIAGRAMS: NEW: Proposed ○ or RE-ENTER: Before Conv. ○ After Conv. ○ Logs in Imaging: will be filed

Planned Rehab Work to Well: Drill (Equip / INT)

Well Construction Details		Sizes (in)	Setting	Cement	Cement Top and
		Borehole / Pipe	Depths (ft)	Sx or CI	Determination Method
Planned <input checked="" type="checkbox"/> or Existing _____	Surface	<u>26-20</u>	<u>1700</u>	<u>500 CF</u>	<u>Surf.</u>
Planned <input checked="" type="checkbox"/> or Existing _____	Interm/Prod	<u>17 1/2 - 13/8</u>	<u>5250</u>	<u>700 CF</u>	<u>Surf</u>
Planned <input checked="" type="checkbox"/> or Existing _____	Interm/Prod	<u>12 3/4 - 9 5/8</u>	<u>11,300</u>	<u>3100 CF</u>	<u>± 4,750'</u>
Planned _____ or Existing _____	Prod/Liner				
Planned <input checked="" type="checkbox"/> or Existing _____	Liner	<u>8 1/2 - 7"</u>	<u>11100 - 14450</u>	<u>650 CF</u>	<u>Top of Liner</u>
Planned _____ or Existing <u>○</u>	OH / PERF		<u>14450 - 16200</u>	<u>Inj Length 1750</u>	

Injection Lithostratigraphic Units:	Depths (ft)	Injection or Confining Units	Tops
Adjacent Unit: Litho. Struc. Por.			
Confining Unit: Litho. Struc. Por.			
Proposed Inj Interval TOP:	<u>14450</u>	<u>Dev SIL</u>	
Proposed Inj Interval BOTTOM:	<u>16200</u>	<u>UPPER ORD.</u>	
Confining Unit: Litho. Struc. Por.			
Adjacent Unit: Litho. Struc. Por.			

Completion/Operation Details:	
Drilled TD _____	PBTD _____
NEW TD _____	NEW PBTD _____
NEW Open Hole <u>○</u> or NEW Perfs <u>○</u>	
Tubing Size <u>4 1/2</u> in. Inter Coated? _____	
Proposed Packer Depth _____ ft	
Min. Packer Depth _____ (100-ft limit)	
Proposed Max. Surface Press. _____ psi	
Admin. Inj. Press. <u>2890</u> (0.2 psi per ft)	

AOR: Hydrologic and Geologic Information

POTASH: P.H.P. ○ Noticed? _____ BLM See-Ord. ○ WIPP ○ Noticed? _____ SALT/SALADO T: _____ B: CLIFF HOUSE

FRESH WATER: Aquifer < RUST LEANITY, Max Depth 1672' HYDRO AFFIRM STATEMENT By Qualified Person ○

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

Disposal Fluid: Formation Source(s) Del/BS/WC Analysis? ✓ 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? _____ Method: Logs/DST/P&A/Other _____ 2-Mile Radius Pool Map ○

AOR Wells: 1/2-M Radius Map? ✓ Well List? ✓ Total No. Wells Penetrating Interval: ○ Horizontals? _____

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

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

NOTICE: Newspaper Date 6/24/15 Mineral Owner BLM Surface Owner BLM N. Date 7/27/15

RULE 26.7(A): Identified Tracts? ✓ Affected Persons: See LIST (BTA, ETC) N. Date 7/27/15

Permit Conditions: Issues: (Structure / TOPS as covered w/ 33-225-34E?)