

DATE IN 1/26/09	SUSPENSE	ENGINEER W. Jones	LOGGED IN 1/27/09	TYPE SWD	APP NO. PKA0902731260
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ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
- Engineering Bureau -

2009 JAN 29 PM 1:11 1220 South St. Francis Drive, Santa Fe, NM 87505



West Bushy 8  
Federal 2 SWD  
Marbob Energy Corp.  
14049

**ADMINISTRATIVE APPLICATION CHECKLIST**

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

**Application Acronyms:**

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

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

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

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

BRIAN COLLINS  
Print or Type Name

Signature

PETROLEUM ENGINEER  
Title

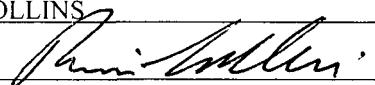
8 Jan 09  
Date

bcollins@marbob.com  
e-mail Address

SWD - 1166

1166

**APPLICATION FOR AUTHORIZATION TO INJECT**

- I. PURPOSE: Secondary Recovery Pressure Maintenance X Disposal Storage  
Application qualifies for administrative approval? X Yes No
- II. OPERATOR: MARBOB ENERGY CORPORATION  
ADDRESS: P O BOX 227, ARTESIA, NM 88211-0227  
CONTACT PARTY: BRIAN COLLINS PHONE: 575-748-3303
- III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.  
Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? Yes X No  
If yes, give the Division order number authorizing the project: \_\_\_\_\_
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
  2. Whether the system is open or closed;
  3. Proposed average and maximum injection pressure;
  4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
  5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- \*VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- \*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- \*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- NAME: BRIAN COLLINS TITLE: PETROLEUM ENGINEER  
SIGNATURE:  DATE: 01/07/09  
E-MAIL ADDRESS: bcollins@marbob.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  
West Brushy 8 Federal 2 SWD  
1750' FNL 990' FEL  
H-8-26S-29E, Eddy County

Marbob Energy Corporation proposes to re-enter the captioned well, clean out to 5525' and convert it to salt water disposal service into the Delaware Sand from 4338-4682' and 5212-5514'.

- V. Map is attached.
- VI. Wellbore schematics are attached for all the wells that penetrate the proposed injection zone within the 1/2 mile radius area of review.
- VII.
  - 1. Proposed average daily injection rate = 1000 BWPD  
Proposed maximum daily injection rate = 3000 BWPD
  - 2. Closed system
  - 3. Proposed maximum injection pressure = 867 psi  
(0.2 psi/ft. x 4338 ft.)
  - 4. Source of injected water will be Delaware Sand and Bone Spring Sand produced water. No compatibility problems are expected. Analyses of Delaware and Bone Spring waters from source wells are attached.
- VIII. The injection zone is the Delaware Sandstone, a fine-grained sandstone from 4338' to 5514'.  
Any underground water sources will be shallower than 600'.
- IX. The Delaware sand injection interval will be acidized with approximately 20 gals/ft. of 7 1/2% HCl acid. If necessary, the injection interval may be fraced with up to 300,000 lbs. of 20/40 mesh sand.
- X. Well logs have been filed with the Division. A section of the neutron-density porosity log showing the injection intervals is attached.
- XI. There are no fresh water wells within a mile of the proposed SWD well. The Pecos River is approximately 3500' to the west. A water analysis is attached.
- 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.

## INJECTION WELL DATA SHEET

OPERATOR: Marbob EnergyWELL NAME & NUMBER: West Brushy 8 Fed 2 SVDWELL LOCATION: 1750' FNL 990' FELH826s29E

FOOTAGE LOCATION

UNIT LETTER

SECTION

TOWNSHIP

RANGE

WELLBORE SCHEMATICWELL CONSTRUCTION DATASurface CasingHole Size: 11" Casing Size: 8 5/8" @ 581'Cemented with: 470 sx. or - ft<sup>3</sup>Top of Cement: Surface Method Determined: CirculatedIntermediate Casing

Hole Size: \_\_\_\_\_ Casing Size: \_\_\_\_\_

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

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

Production CasingHole Size: 7 7/8" Casing Size: 5 1/2" @ 5575'Cemented with: 1250 sx. or - ft<sup>3</sup>Top of Cement: 3870' Method Determined: Cmt. Bond LogTotal Depth: 5575'Injection Interval4338' feet to 5514'(Perforated) or Open Hole; indicate which)

See Attached  
Before & After  
Wellbore Schematics

INJECTION WELL DATA SHEET

Tubing Size: 2 7/8" Lining Material: Plastic/Duoline 20  
 Type of Packer: Nickel plated 10K double grip retrievable  
 Packer Setting Depth: ± 4300'  
 Other Type of Tubing/Casing Seal (if applicable): N/A

Additional Data

1. Is this a new well drilled for injection? Yes X No   
 If no, for what purpose was the well originally drilled? Oil & Gas
2. Name of the Injection Formation: Delaware Sand
3. Name of Field or Pool (if applicable): Brushy Draw Delaware
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. Delaware Sand 5456-5514', 5212-5310' 30sx 5501', C10P + 25sx 5162-4878', 50sx 2950-2742', 50sx 631-480', 25sx surface plug
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: Williamson Sand ± 4900', Williamson Sand was not perforated in this well. Plan to dispose of water from 4338-4682' to 5212-5514'.

Well: (West Brushy 3 F.d 2)

Location: 1750' F.M., 970' F.E.L

H-8-269-270

Edly NM

30-015-31866

Zero: 11' AGL

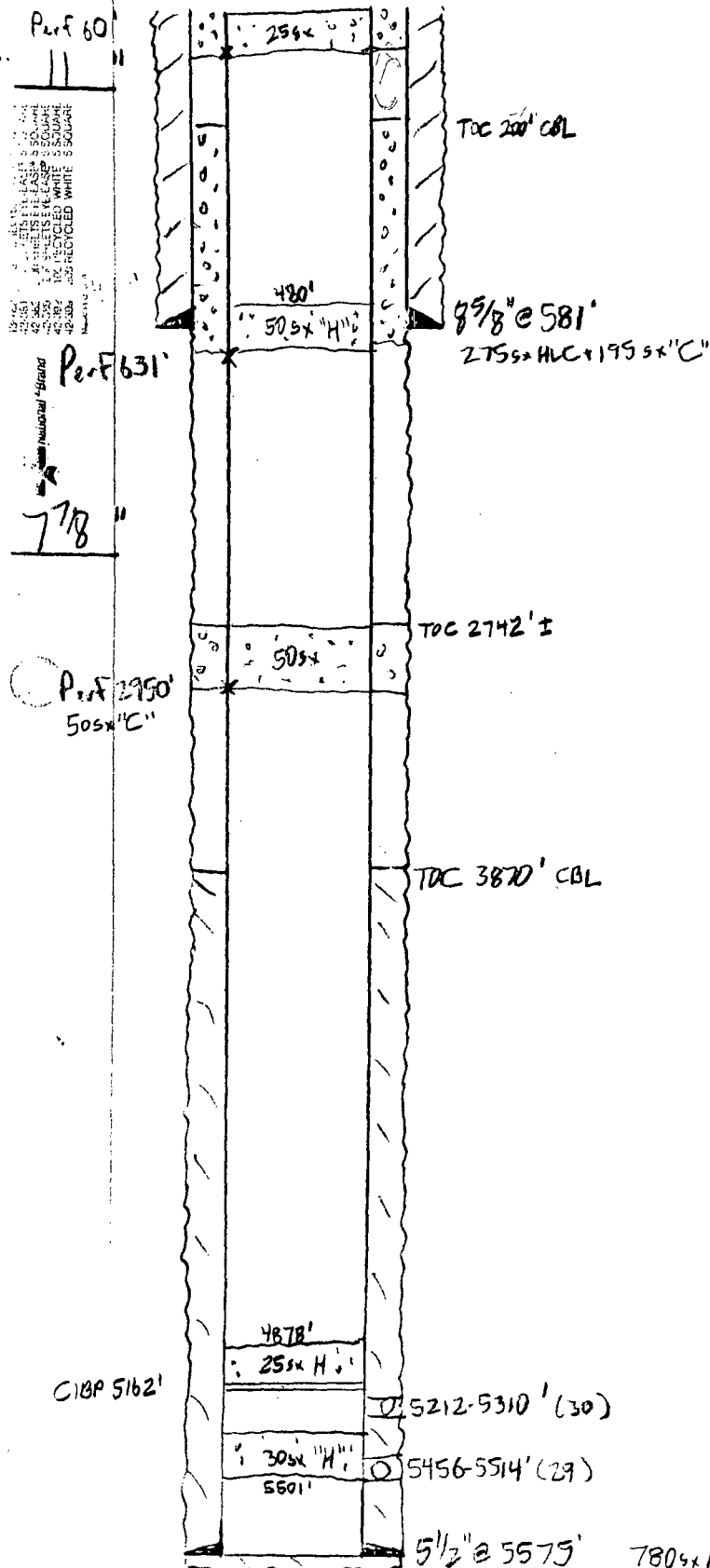
KB: 2938'

GL: 2927'

Casing Program:

Size	Wt.	Grade	Conn	Depth
8 7/8"	24	J55	STC	581'
5 1/2"	15.3	J95	LTC	5575'

Before SWD Conversion



Location: 1750' FNL, 990' FEL  
H-8-269-290  
Eddy N/M  
30-015-31866

KB : 2938'  
GL : 2927'

Size	Wt.	Grade	Conn	Depth
8 5/8"	24	J55	STC	581'
5 1/2"	15.5	J55	LTC	5575'
2 7/8"	6.5	J55	EVE	±4300'
		TPE / Ovaline 20		

Perf 60'

Perf 631'

7 7/8"

Perf 2950'

505x"C"

4338'

Delaware

4682'

5212'

Delaware

5514'

5575'

TOC 200' CBL

8 5/8" @ 581'

2755x HLC + 1955x"C"

TOC 2742' ±

Squeezed

TOC 3870' CBL

27 1/8" IPC/Duo-line 20 Inj Tbg

Nickel Plated Inj PKr ± 4300'

5212-5310' (30)

5456-5514' (29)

5 1/2" @ 5575'

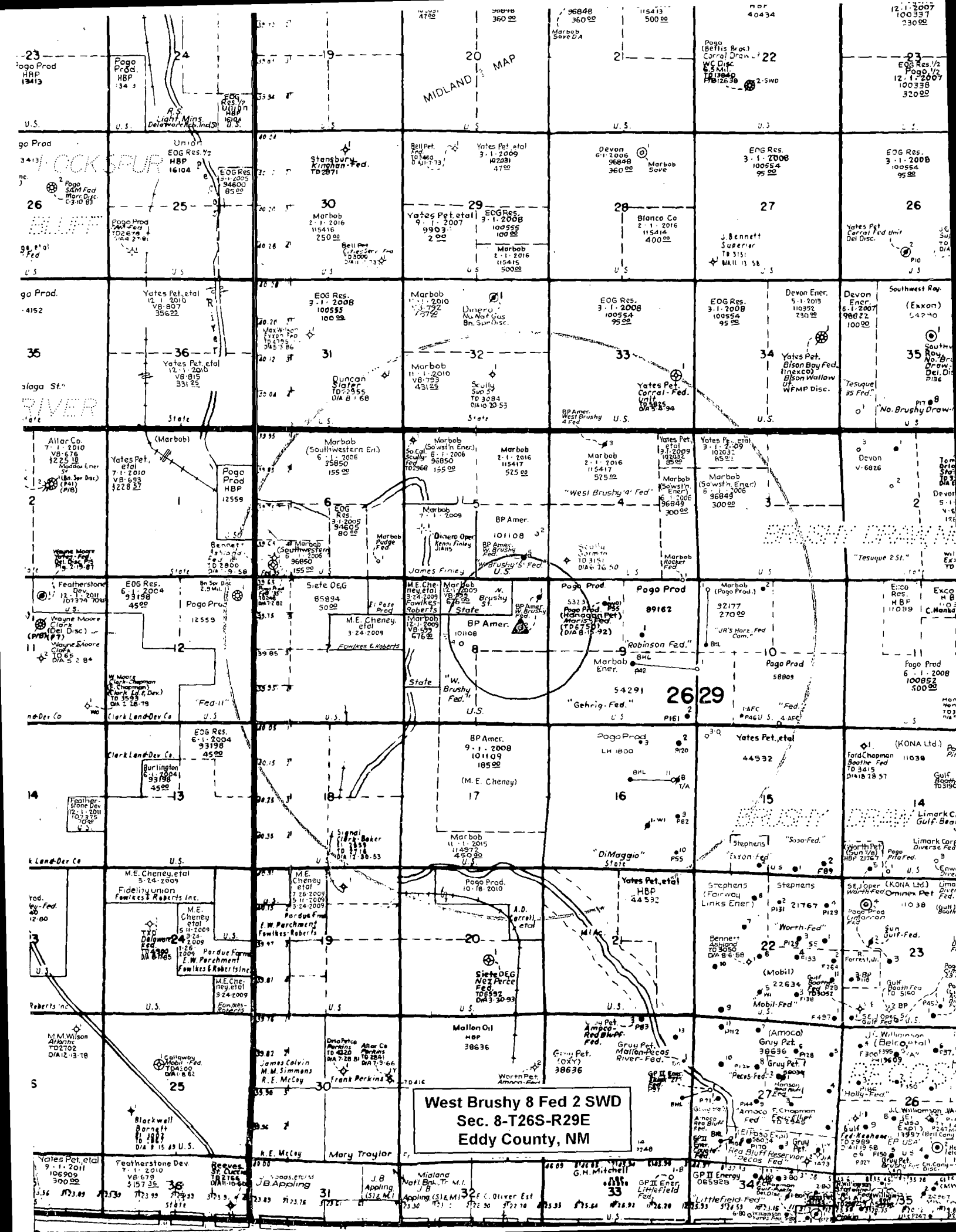
7805x HLC + 4705x"C"

5 1/2"
2 7/8"

**V.**

**MAP**





# **VI.**

**Wells Within 1/2  
Mile Area of  
Review That  
Penetrate  
Proposed  
Disposal Zone**

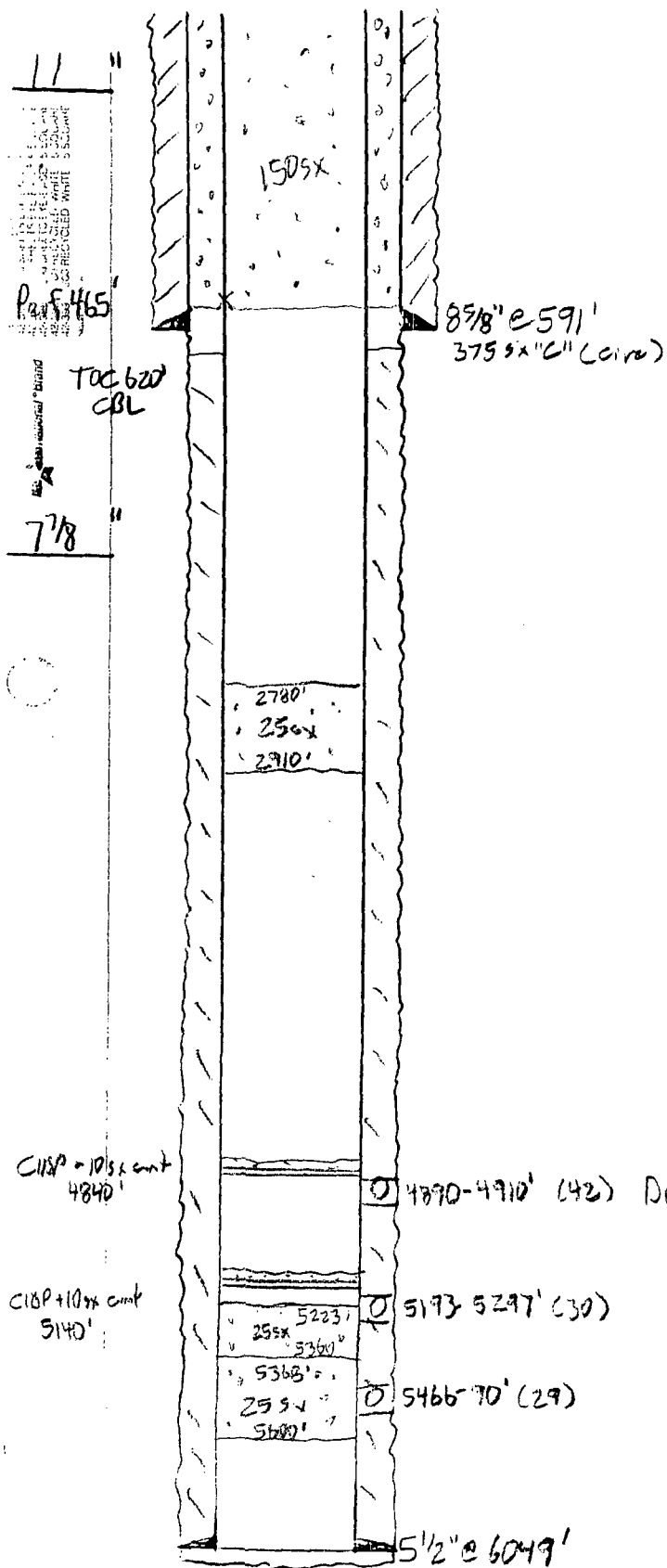
Well: West Brushy 5 Fld 5

Location: 880' FSL, 850' FSL  
P-5-265-290  
Eddy NM  
30-015-31869

Zero: 12' AGL  
 KB: 2893'  
 GL: 2881'

Casing Program:

Size	Wt.	Grade	Conn	Depth
8 5/8"	24	J55	9TC	591'
5 1/2"	15.5	J55	9TC	6049'



Before SWD Conversion

1926 CF/F 8 5/8" x 5 1/2"  
 1370 CF/F 5 1/2"

Well: Crist Brachy 8 Fd. 1

Location: 660' FNL, 730' FEL  
A-B-265-296  
Eddy NM  
30-015-31679

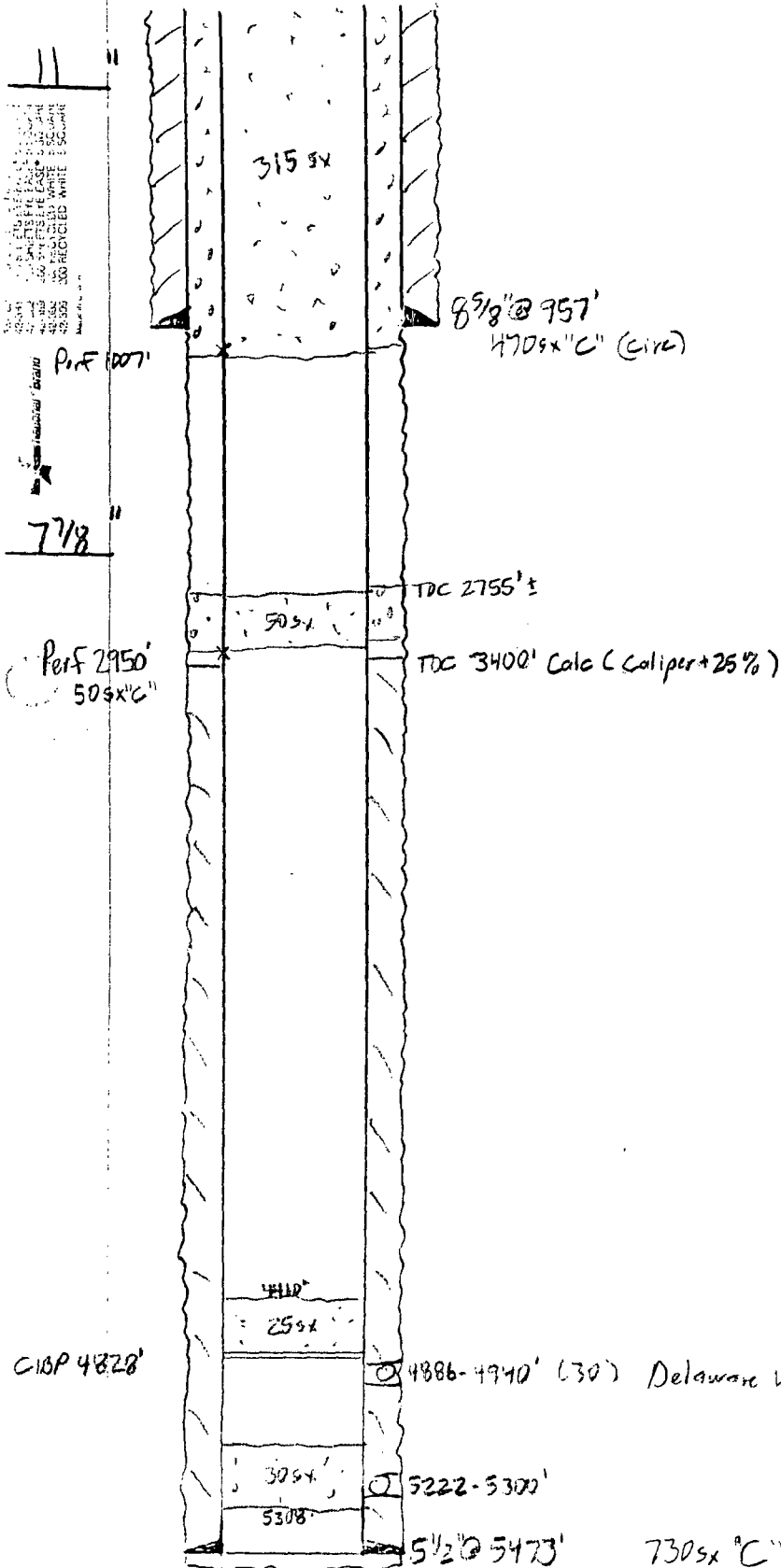
Zero: 11' AGL

KB: 2929'

GL: 2918'

Casing Program:

Size	Wt.	Grade	Conn	Depth
8 5/8"	24	J55	STC	957'
5 1/2"	155	J55	LTC	5473'



**VII.**

**WATER ANALYSIS**

## HALLIBURTON DIVISION LABORATORY

## HALLIBURTON SERVICES

## ARTESIA DISTRICT

## LABORATORY REPORT

No. W45-93

TO Hanagan Petroleum  
P. O. Box 1737  
Roswell, NM 88201

Date February 7, 1993

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Submitted by \_\_\_\_\_ Date Rec. \_\_\_\_\_

Well No. Gehrig #2 Depth 5050' Formation Delaware  
Field Brushy Draw 9-26s-29e County Eddy Source Produced Water

Resistivity ..... .052Specific Gravity .. 1.1856pH ..... 7.0Calcium ..... 24,250Magnesium ..... 9,000Chlorides ..... 170,000Sulfates ..... 250Bicarbonates ..... 350Soluble Iron ..... + 500

Water Analysis Representative  
of Produced Delaware Water  
to be Injected and of  
Delaware Water in the  
Proposed Injection Interval

Remarks:



Respectfully submitted

Analyst: Art Carrasco - Technical Advisor

HALLIBURTON SERVICES

## NOTICE:

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# HALLIBURTON

PERMAIN BASIN OPERATIONS LABORATORY  
WATER ANALYSIS REPORT  
HOBBS, NEW MEXICO

COMPANY Marbob

REPORT W08-156  
DATE November 25, 2008  
DISTRICT Hobbs

SUBMITTED BY

Bone Spring Sand  
Produced Water

WELL Save DA 21 Fed. #1 DEPTH \_\_\_\_\_ FORMATION \_\_\_\_\_  
COUNTY \_\_\_\_\_ FIELD \_\_\_\_\_ SOURCE \_\_\_\_\_

## SAMPLE

Sample Temp.	<u>70</u> °F	_____ °F	_____ °F	_____ °F
RESISTIVITY	<u>0.068</u>	_____	_____	_____
SPECIFIC GR.	<u>1.095</u>	_____	_____	_____
pH	<u>6.53</u>	_____	_____	_____
CALCIUM	<u>7500</u> mpl	_____ mpl	_____ mpl	_____ mpl
MAGNESIUM	<u>6000</u> mpl	_____ mpl	_____ mpl	_____ mpl
CHLORIDE	<u>83125</u> mpl	_____ mpl	_____ mpl	_____ mpl
SULFATES	<u>Light</u> mpl	_____ mpl	_____ mpl	_____ mpl
BICARBONATES	<u>231</u> mpl	_____ mpl	_____ mpl	_____ mpl
SOLUBLE IRON	<u>0</u> mpl	_____ mpl	_____ mpl	_____ mpl
KCL	<u>Negative</u>	_____	_____	_____
Sodium	_____ mpl	<u>0</u> mpl	<u>0</u> mpl	<u>0</u> mpl
TDS	_____ mpl	<u>0</u> mpl	<u>0</u> mpl	<u>0</u> mpl
OIL GRAVITY	<u>@</u> °F	<u>@</u> °F	<u>@</u> °F	<u>@</u> °F

## REMARKS

MPL = Milligrams per liter  
Resitivity measured in: Ohm/m2/m

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ANALYST: MA/MB/JH

**X.**

**NEUTRON  
DENSITY LOG**

**Across Proposed  
Delaware Sand  
Portion of  
Injection Interval**



FIELD: Brushy Draw (Delaware)

**Schlumberger**  
**PLATFORM EXPRESS**  
**Three Detector Litho-Density**  
**Compensated Neutron - GFI**

Location: 750' FNL & 990' FEL  
Well: West Brushy Federal #2  
Company: ARCO PERMIAN

750' FNL & 990' FEL		Elev.:	K.B.	2938 ft
Section 8, Township 26-S, Range 29-E			G.L.	2927 ft
			D.F.	2937 ft
Permanent Datum:		GROUND LEVEL		
Log Measured From:		KELLY BUSHING		
Drilling Measured From:		KELLY BUSHING		
		Elev.:	2927 ft	
		11.0 ft	above Perm. Datum	
API Serial No.	SECTION	TOWNSHIP	RANGE	
30-015-31866.2	8	26-S	29-E	

API Serial No.  
5-31866-2

## SECTION 8

**TOWNSHIP**  
**26-S**

**PANG-1**  
**29-E**

aging Date	22-JUL-2001
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n	Number
One	

10th Driller	5579 ft
--------------	---------

### humberger Depth

from Log Inte

p Log Interval

ising Uniler Size @ Depth	8.625 in
---------------------------	----------

ising Schumberger	5/6 $\pi$
-------------------	-----------

Size	1.8/5.1h
------	----------

pe fluido in Hole	Ball Gel / Stalci	33
-------------------	-------------------	----

viscosity	10.1 dl/100g	0
PII	45 cm <sup>3</sup>	0

Number Of Records	FH	Circulation Date
1010000		

Measured Temperature	0.008 ohm m	80 degC
Value Of Sample	Circulation Fil	

Measured Temperature	80 degF
Measured Humidity	22 %
Measured Barometric	30.070 inHg

④ Measured Temperature	⑤
⑥	⑦

Source	BME	BMC	Calculated
Source	BME	BMC	Calculated

BMF @ MRT	0.037	@ 108	0.028	@ 108
M @ MRT				

Maximum Recorded Temperatures	108 degF	
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Regulation Stopped	Time	22-JUL-2001	16:00
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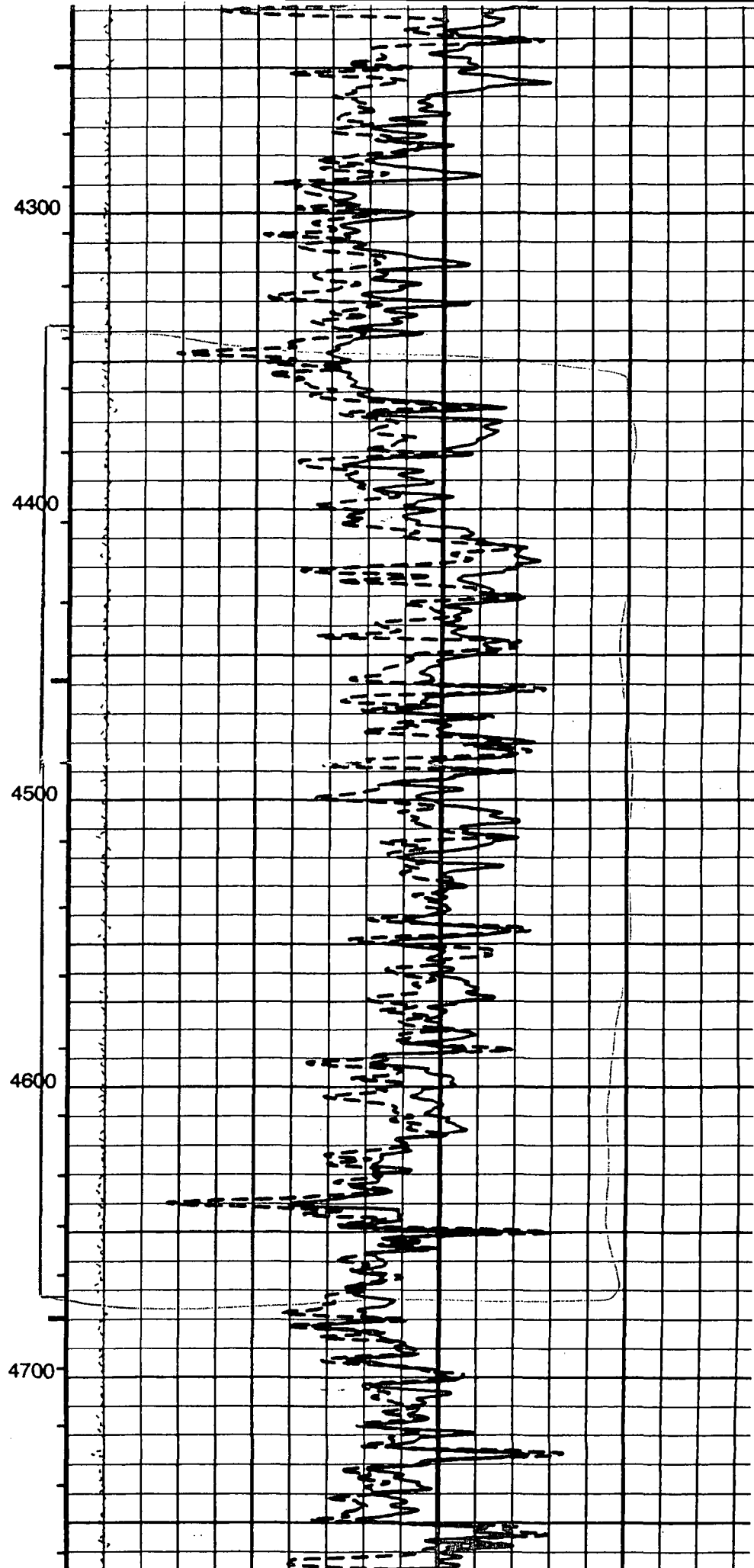
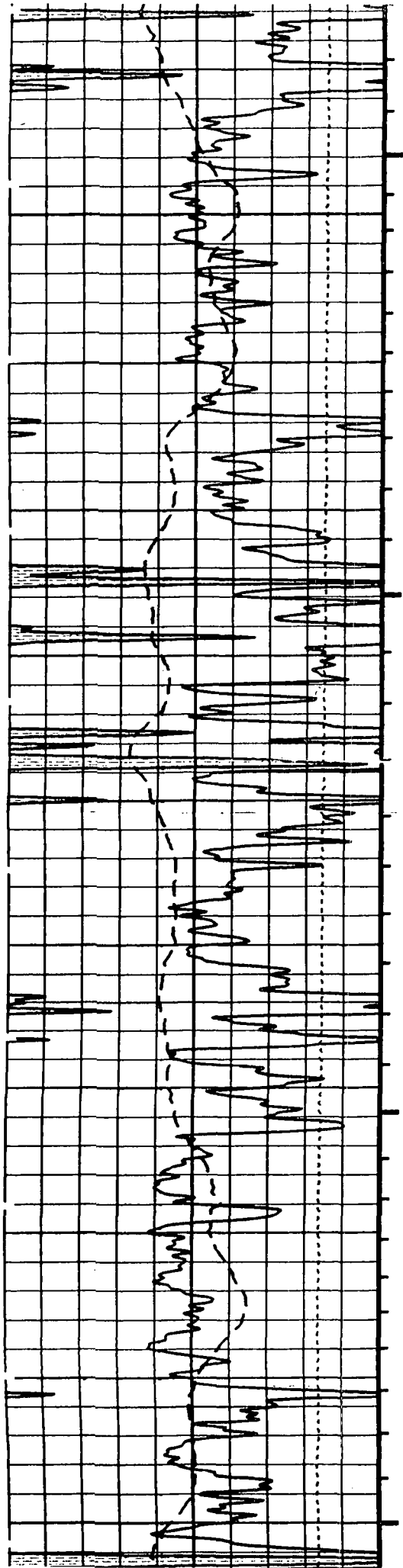
igger On Bottom	Time	22-JUL-2001	11:30
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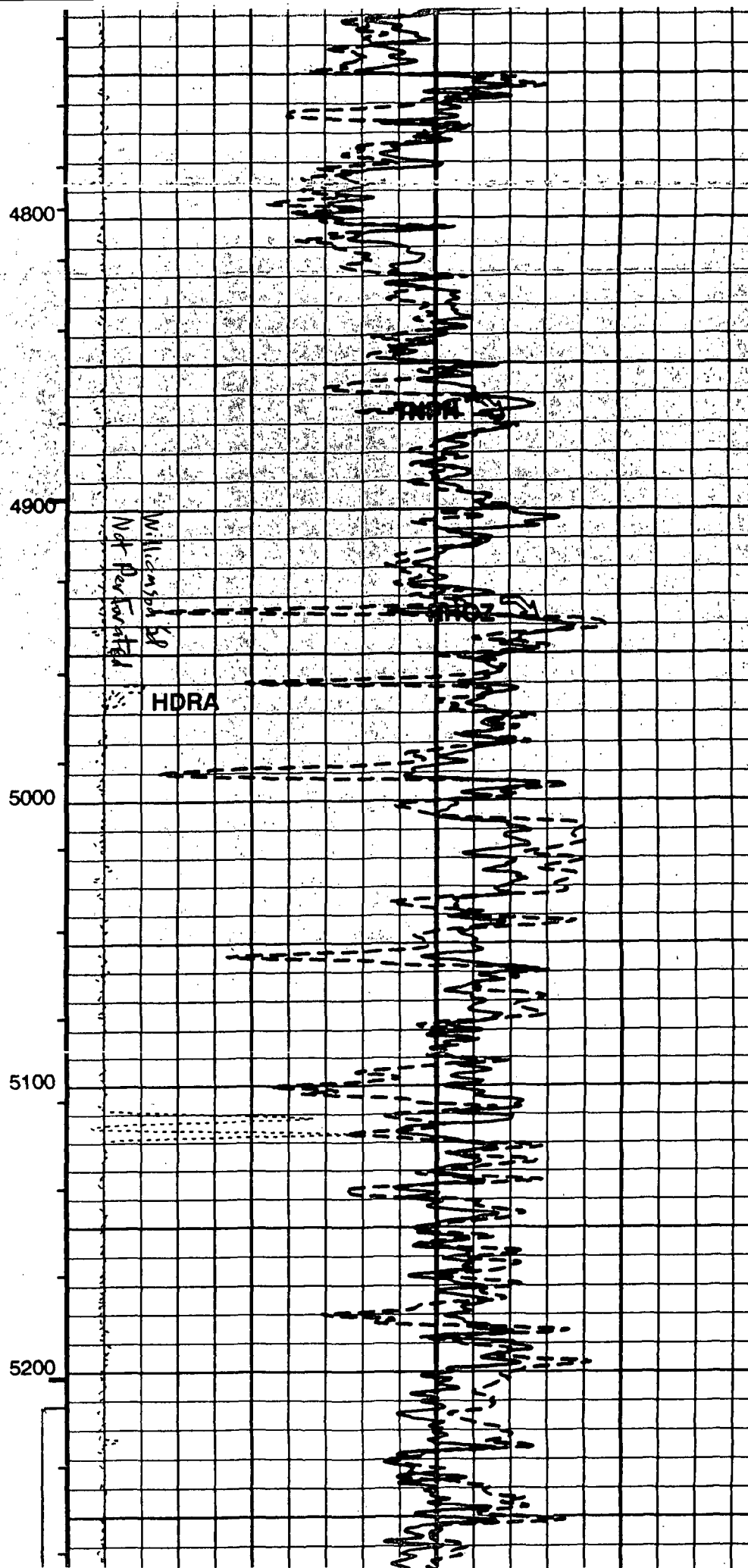
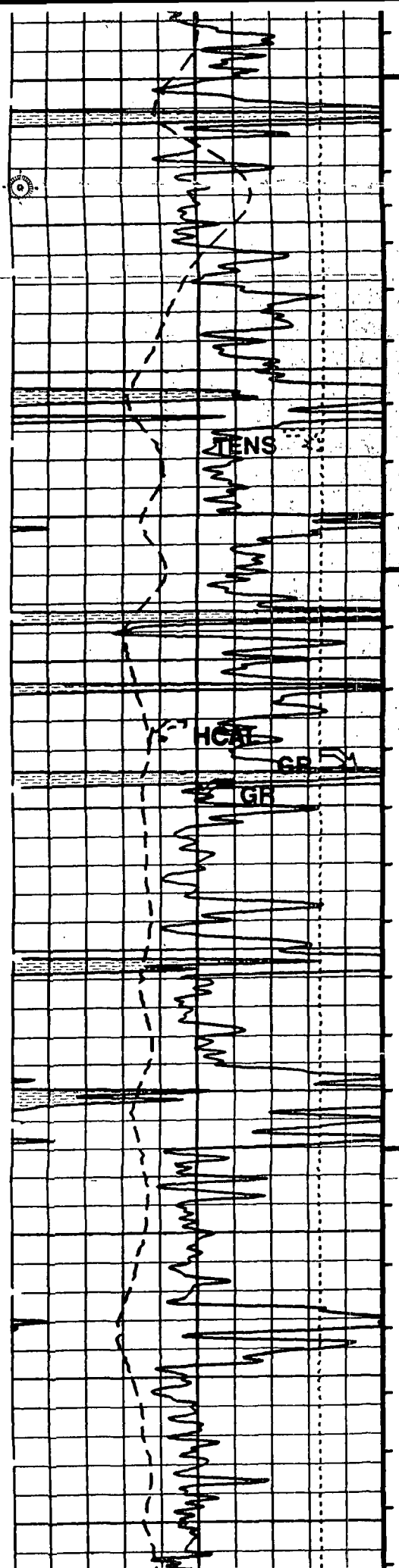
Unit Number	Location	3125	Hobbs, New Mexico
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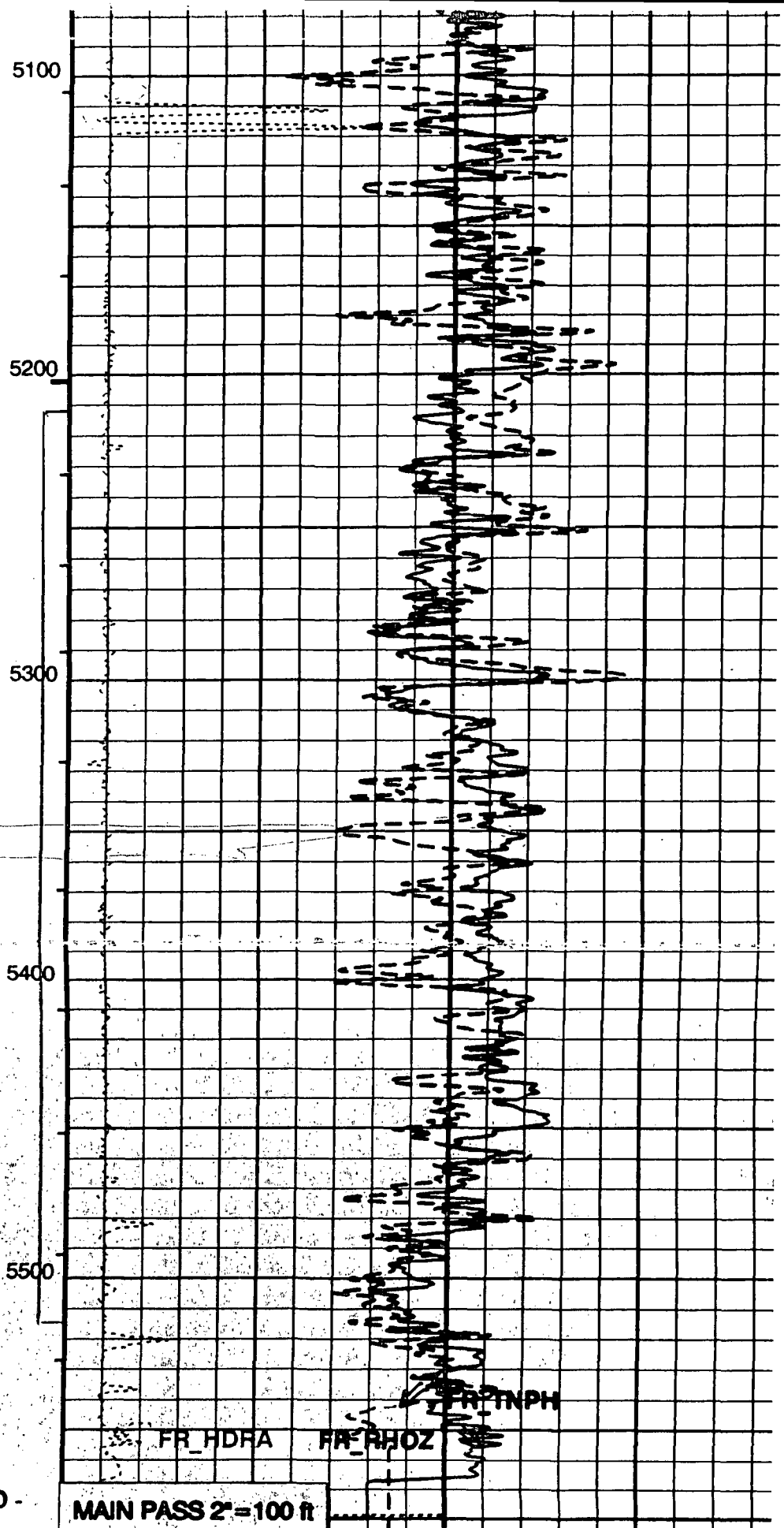
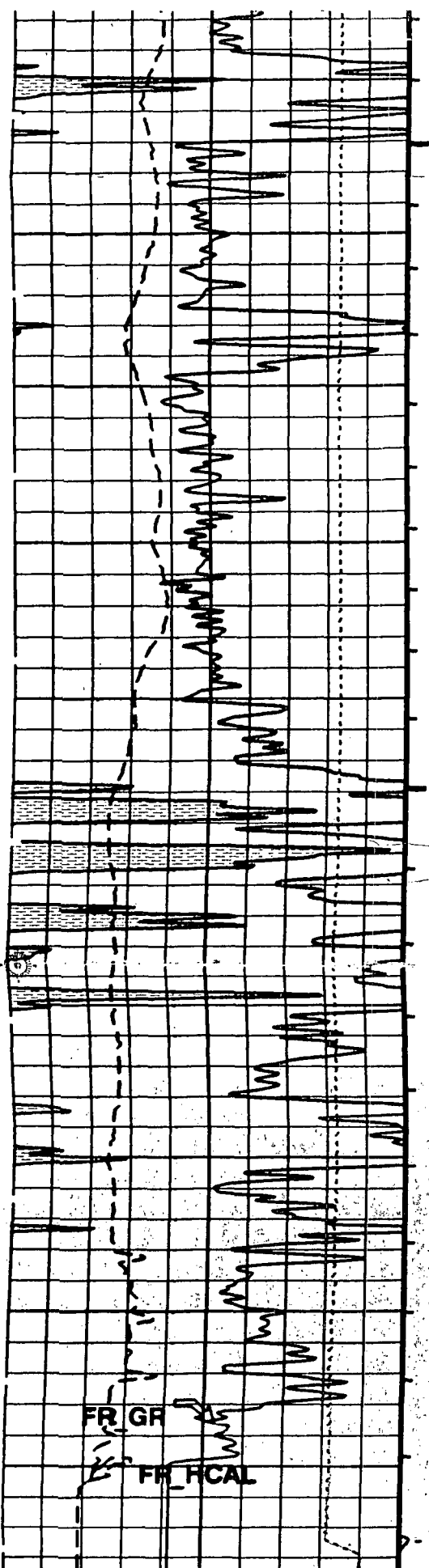
Recorded By	R. Maldonado, J. Ortiz
-------------	------------------------

Witnessed By	Mr. Lynn Charuk
--------------	-----------------

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







γ - TD -

MAIN PASS 2" = 100 ft

Gamma Ray Backup

Stuck  
Stretch  
(STIT)

Density Correction (HDRA)

-0.05 (G/C3) 0.45

0 (F) 50

# **XI.**

## **Fresh Water Well Analysis**

### **Pecos River 3500' West**

Analytical Laboratory Report for:

**MARBOB ENERGY CORPORATION**



**Chemical Services**

Account Representative:  
William D Polk

## Production Water Analysis

Listed below please find water analysis report from: , Pecos River

Lab Test No: 2008151012

Sample Date:

12/04/2008

Specific Gravity: 1.005

TDS: 6402

pH: 7.19

Cations:	mg/L	as:
Calcium	672	(Ca <sup>++</sup> )
Magnesium	207	(Mg <sup>++</sup> )
Sodium	1340	(Na <sup>+</sup> )
Iron	0.08	(Fe <sup>++</sup> )
Potassium	53.0	(K <sup>+</sup> )
Barium	0.08	(Ba <sup>++</sup> )
Strontium	7.88	(Sr <sup>++</sup> )
Manganese	0.04	(Mn <sup>++</sup> )
Anions:	mg/L	as:
Bicarbonate	222	(HCO <sub>3</sub> <sup>-</sup> )
Sulfate	1400	(SO <sub>4</sub> <sup>=</sup> )
Chloride	2500	(Cl <sup>-</sup> )
Gases:		
Carbon Dioxide		(CO <sub>2</sub> )
Hydrogen Sulfide		(H <sub>2</sub> S)

### Lab Comments:

Lab measured pH

Lab measured alkalinity

New Mexico Office of the State Engineer  
POD Reports and Downloads

Township: 26S Range: 29E Sections: 4,5,6,7,8,9,15,16,17

NAD27 X: Y: Zone: Search Radius:

County: ED Basin: Number: Suffix:

Owner Name: (First) (Last) Non-Domestic Domestic All

POD / Surface Data Report

Avg Depth to Water Report

Water Column Report

Clear Form

iWATERS Menu

Help

POD / SURFACE DATA REPORT 11/26/2008

DB File Nbr	(acre ft per annum)	Use	Diversion	Owner	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE)	(quarters are biggest to smallest)	X Y are in Feet					
SP_03254	COM	6418	RED BLUFF WATER CONTROL DIST.	SP_03254	Source	Tws	Rng	Sec	q	q	Zone	X	Y
						26S	29E	05	1	3			

Record Count: 1

(Pecos River)

New Mexico Office of the State Engineer  
POD Reports and Downloads

Township: 26S Range: 28E Sections: 6.7

NAD27 X: Y: Zone: Search Radius:

County: ED Basin: Number: Suffix:

Owner Name: (First) (Last) Non-Domestic Domestic All

POD / Surface Data Report

Avg Depth to Water Report

Water Column Report

Clear Form

iWATERS Menu

Help

POD / SURFACE DATA REPORT 11/26/2008

DB File Nbr (acre ft per annum)  
Use Diversion Owner

POD Number

(quarters are 1=NW 2=NE 3=SW 4=SE)  
(quarters are biggest to smallest X Y are in Feet  
Source Tws Rng Sec q q q Zone X Y

No Records found, try again



# Affidavit of Publication

NO.

20529

STATE OF NEW MEXICO

County of Eddy:

JAN 16 2009

GARY D. SCOTT

being duly

sworn, says: That he is the

PUBLISHER

of The

Artesia Daily Press, a daily newspaper of general

circulation, published in English at Artesia, said county

and county and state, and that the here to 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 week/days on the same

day as follows:

First Publication

January 13, 2009

Second Publication

Third Publication

Fourth Publication

Fifth Publication

Subscribed and sworn to before me this

13 Day

January

2009



OFFICIAL SEAL

Jo Morgan

NOTARY PUBLIC-STATE OF NEW MEXICO

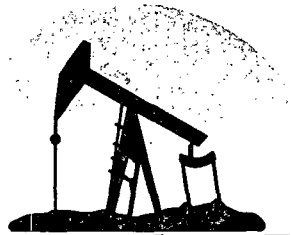
My commission expires: 6/6/2012

*Jo Morgan*

Notary Public, Eddy County, New Mexico

# Copy of Publication:

Marbob Energy Corporation, Post Office Box 227, Artesia, New Mexico, 88211-0227, 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 West Brushy 8 Fed 2, is located 1750' FNL and 990' FEL, Sec. 8, Township 26 South, Range 29 East, Eddy County, New Mexico. Disposal water will be sourced from area wells producing from the Delaware and Bone Spring formations. The disposal water will be injected into the Delaware formation at a depth of 4338-5514' at a maximum surface pressure of 867 psi and a maximum rate of 3000 BWPD. 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 (15) days of this notice. Any interested party with questions or comments may contact Brian Collins at Marbob Energy Corporation, Post Office Box 227, Artesia, New Mexico 88211-0227, or call 575-748-3303. Published in the Artesia Daily Press, Artesia, NM January 13, 2009. Legal No. 20529



**marbob**  
energy corporation

January 21, 2009

OXY USA, Inc.  
5 Greenway Plaza #110  
Houston, TX 77046-0521

Re: Application to Inject  
West Brushy 8 Federal 2 SWD  
Township 26 South, Range 29 East, NMPM  
Section 5: 1750 FNL 990 FEL, Unit H  
Eddy County, New Mexico

Ladies and Gentlemen:

Enclosed for your review is a copy of Marbob Energy Corporation's application to convert the referenced well to salt water disposal. As a requirement of the New Mexico Oil Conservation Division, we are notifying you because you have been identified as an operator or surface owner. 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 should you have any questions.

Sincerely,

Brian Collins  
Petroleum Engineer

BC/dlw  
enclosure

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
NM01108

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

8. Well Name and No.  
WEST BRUSHY 8 FED 2 SWD

2. Name of Operator  
MARBOB ENERGY CORPORATION

9. API Well No.  
30-015-31866

3a. Address  
P O BOX 227  
ARTESIA NM 88211-0227

3b. Phone No. (include area code)  
575-748-3303

10. Field and Pool or Exploratory Area  
BRUSHY DRAW DELAWARE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SEC. 8-T26S-R29E, UNIT H  
1750 FNL 990 FEL, SE/4NE/4

11. Country or Parish, State  
EDDY COUNTY, NM

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

MARBOB ENERGY CORPORATION PROPOSES TO RE-ENTER THE WELL, CLEAN OUT TO 5525' AND CONVERT TO SALT WATER DISPOSAL SERVICE INTO THE DELAWARE SAND FROM 4338-5514'.

SEE ATTACHED OCD FORM C-108 "APPLICATION FOR AUTHORIZATION TO INJECT".

APD WILL BE SUBMITTED AFTER C-108 IS APPROVED BY NMOCD.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

BRIAN COLLINS

Title PETROLEUM ENGINEER

Signature



Date 01/08/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

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

Office

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

(Instructions on page 2)



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PS Form 3800, June 2002 See Reverse for Instructions	



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