

DATE IN 11/10/08	SUSPENSE	ENGINEER W Jones	LOGGED IN 11/13/08	TYPE SWD	APP NO. DKUR0831843365
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ABOVE THIS LINE FOR DIVISION USE ONLY

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



Marbob
George Freeman

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.

George Freeman	<i>George Freeman</i>	Engineer	11/4/08
Print or Type Name	Signature	Title	Date
engineering@marbob.com			
e-mail Address			

30-025-38600
ACK 2 SWD

2008 NOV 10 PM 3 15
RECEIVED

APPLICATION FOR AUTHORIZATION TO INJECT

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

II. OPERATOR: Marbob Energy Corporation

ADDRESS: P O Box 227, Artesia, NM 88211-0227

CONTACT PARTY: George Freeman 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 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).

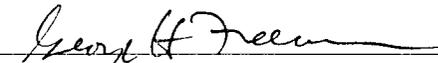
*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

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: George H Freeman TITLE: Engineer

SIGNATURE:  DATE: 11/4/08

E-MAIL ADDRESS: engineering@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: _____

Marbob Energy Corporation

C-108 Application for Authorization to Inject
Pick 2 SWD
J-23-18S-33E
Lea County, NM

Outline: Marbob Energy Corporation proposes to drill out the cast iron bridge plug in the Pick State #2 (30-025-38600), squeeze the higher Delaware sand perms from 5304' to 5348', drill out composite bridge plugs over existing Delaware sand perms from 5757' to 5908', shoot new perms in Delaware sand and dolomite from 5909' to 6420' and complete the well as a Delaware SWD well from 5757' to 6420'. We propose to call the well the "Pick 2 SWD".

- 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 = 500 BWPD
Proposed maximum daily injection rate = 2000 BWPD
 - 2. Closed system
 - 3. Proposed maximum injection pressure = 1151 psi
(0.2 psi/ft. x 5757 ft.)
 - 4. Source of injected water will be Delaware, Atoka and Morrow produced water. Water analyses are attached. No compatibility problems are expected.
 - 5. Disposal zone formation water is essentially the same as the Delaware injection water. A water analysis is attached.
- VIII. The injection zone is part of the Delaware formation, a fine grained sandstone layered with dolomite from 5297' to below 7300'. Any underground water sources will be less than 1566' deep. The nearest water wells are in shallow zones.
- IX. Delaware sand injection intervals will be acidized with 7 1/2% HCl acid. Dolomite injection intervals will be acidized with 20% HCl acid. If necessary, the Delaware injection interval may be fraced with up to 250,000 lbs of 20/40 mesh sand.
- X. Well logs have been filed with the Division. The Pick State #2 was tested in two zones from 5898' to 5908' and from 5757' to 5797' with no show of oil or gas. The well produced 265 bbls of oil and 11,000 bbls of water from the zones 5304' to 5308' and 5344' to 5348' before it was temporarily abandoned.

- XI. There are no fresh water wells within one mile of the proposed SWD.
- 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

Proposed Injection Wells

INJECTION WELL DATA SHEET

OPERATOR: Marbob Energy Corporation

WELL NAME & NUMBER: Pick 2 SWD (formerly Pick State #2)

WELL LOCATION: 2310' FSL 2310' FEL
FOOTAGE LOCATION

UNIT LETTER J

SECTION 23

TOWNSHIP 18S

RANGE 33E

WELLBORE SCHEMATIC

See attached schematics.

WELL CONSTRUCTION DATA

Hole Size: 12.25" Casing Size: 8.625"

Cemented with: 800 sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: Casing Size:

Cemented with: sx. or ft³

Top of Cement: Method Determined:

Production Casing

Hole Size: 7.875" Casing Size: 5.5"

Cemented with: 1135 sx. or ft³

Top of Cement: Surface Method Determined: Circulated

Total Depth: 6503'

Injection Interval

5757' feet to 6420'

(Perforated)

INJECTION WELL DATA SHEET

Tubing Size: 2.875" Lining Material: Plastic or Duoline 20

Type of Packer: Nickel plated or stainless steel 10K retrievable double grip

Packer Setting Depth: approx. 5700'

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

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 and gas production

2. Name of the Injection Formation: Delaware

3. Name of Field or Pool (if applicable): Corbin West

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: Underlying: Bone Spring 7300', Atoka 12500', Morrow 13000'

Overlying: Delaware 5300', Queen 4277', Seven Rivers 3474', Yates 3074'

Well: Pick ST #2

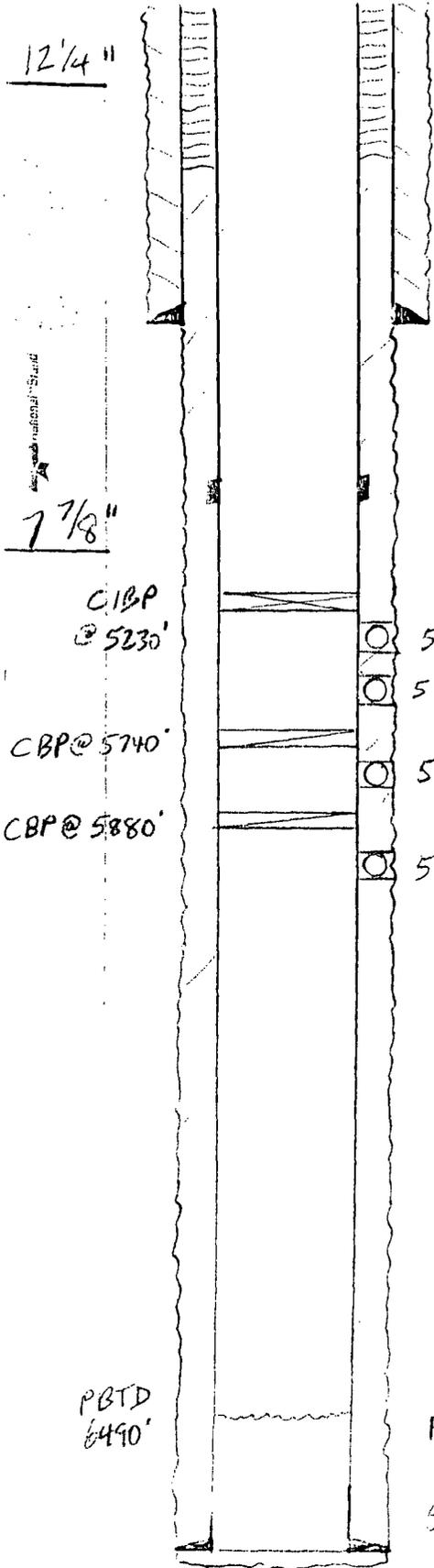
Zero: 12' AGL

Location: 2310' FSL 2310' FEL
J-23-T18S-R33E
Lea Co. NM
API 3002538600

KB: 3883'
 GL: 3871'

Casing Program:

Size	Wt.	Grade	Conn	Depth
8 7/8"	24 #	J-55	STC	1566'
5 1/2"	17 #	J-55	LTC	6503'



375x pumped down annulus
 calculated 320'

8 5/8" @ 1566'
 550 SX H/L + 250 SX P+ (circ.)

DV 4070'

CIBP @ 5230'

5304-08 (10) Delaware 4

5344-48 (10) Delaware 3

CBP @ 5740'

5757-97 (20) Delaware 2

CBP @ 5880'

5898-5908 (22) Delaware 1

PBTD @ 6490'

FC @ 6491'

5 1/2" @ 6503'

1st stage: 360 SX Super H (circ.)
 2nd stage: 600 SX H/L + 175 SX Super H (circ.)

Before

Well: Pick ST #2

Zero: 12' AGL

KB: 3883'

GL: 3871'

Location: 2310' FSL 2310' FEL

J-23-T18S-R33E

Lea Co. NM

API 3002538600

Casing Program:

Size	Wt.	Grade	Conn.	Depth
8 7/8	24 #	J-55	STC	1566'
5 1/2	17 #	J-55	LTC	6503'
2 7/8	6.5	J-55	EUE	

12 1/4"

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37 SX P⁺ w/ 2% CaCl₂
pumped down annulus
calculated 320'

8 5/8" @ 1566'
550 SX H/L + 250 SX P⁺ (circ.)

DV 4070'

⊗ 5304-08 (10) Delaware 4 Sqzd
⊗ 5344-48 (10) Delaware 3 Sqzd

○ 5757-97 (20) Delaware 2

○ 5898-5908 (22) Delaware 1

○ 5909

(167) Delaware 5

○ 6420

After

PBTD
6490'

FC @ 6491'

5 1/2" @ 6503'

1st stage: 360 SX Super H (circ)
2nd stage: 600 SX H/L + 175 SX Super H (circ)

6503'

G. Freeman

V.

MAP

VI.

Wells In 1/2 Mile Area of Review

VII.

Water Analysis of Injection and Produced Water

Delaware

Analytical Laboratory Report for:

MARBOB ENERGY CORPORATION



Chemical Services

Account Representative:
Polk, Bill

Production Water Analysis

Listed below please find water analysis report from: Itch, ST 1

Lab Test No: 2007202644 Sample Date: 03/19/2007

Specific Gravity: 1.147

TDS: 225078

pH: 6.70

Cations:	mg/L	as:
Calcium	19904	(Ca ⁺⁺)
Magnesium	4393	(Mg ⁺⁺)
Sodium	62936	(Na ⁺)
Iron	18.80	(Fe ⁺⁺)
Potassium	2268.0	(K ⁺)
Barium	1.71	(Ba ⁺⁺)
Strontium	426.00	(Sr ⁺⁺)
Manganese	0.69	(Mn ⁺⁺)
Anions:	mg/L	as:
Bicarbonate	98	(HCO ₃ ⁻)
Sulfate	1100	(SO ₄ ⁼)
Chloride	136200	(Cl ⁻)
Gases:		
Carbon Dioxide	230	(CO ₂)
Hydrogen Sulfide	17	(H ₂ S)

~~ITCH, ST 1~~
DEL internal
FROM 5304-5670

Atoka

Analytical Laboratory Report for:
MARBOB ENERGY CORPORATION



Chemical Services

Account Representative:
 Polk, Bill

Production Water Analysis

Listed below please find water analysis report from: Scooch St. Com, 1

Lab Test No: 2007102565 Sample Date: 01/12/2007
 Specific Gravity: 1.067
 TDS: 102488
 pH: 6.32

Cations:	mg/L	as:
Calcium	4717	(Ca ⁺⁺)
Magnesium	963	(Mg ⁺⁺)
Sodium	30987	(Na ⁺)
Iron	126.00	(Fe ⁺⁺)
Potassium	178.0	(K ⁺)
Barium	5.15	(Ba ⁺⁺)
Strontium	668.00	(Sr ⁺⁺)
Manganese	0.89	(Mn ⁺⁺)
Anions:	mg/L	as:
Bicarbonate	220	(HCO ₃)
Sulfate	300	(SO ₄ ⁻)
Chloride	64500	(Cl)
Gases:		
Carbon Dioxide	170	(CO ₂)
Hydrogen Sulfide	17	(H ₂ S)

FROM ATOKA
 12870-76

Morrow

Analytical Laboratory Report for:
MARBOB ENERGY CORPORATION



Chemical Services

Account Representative:
 Polk, Bill

Production Water Analysis

Listed below please find water analysis report from: SCRATCH ST. COM, 1

Lab Test No: 2007102563 Sample Date: 01/12/2007
 Specific Gravity: 1.023
 TDS: 34055
 pH: 6.60

Cations:	mg/L	as:
Calcium	954	(Ca ⁺⁺)
Magnesium	148	(Mg ⁺⁺)
Sodium	12405	(Na ⁺)
Iron	43.30	(Fe ⁺⁺)
Potassium	838.0	(K ⁺)
Barium	0.57	(Ba ⁺⁺)
Strontium	76.00	(Sr ⁺⁺)
Manganese	1.03	(Mn ⁺⁺)
Anions:	mg/L	as:
Bicarbonate	427	(HCO ₃ ⁻)
Sulfate	400	(SO ₄ ⁻)
Chloride	19800	(Cl ⁻)
Gases:		
Carbon Dioxide	70	(CO ₂)
Hydrogen Sulfide	17	(H ₂ S)

X.

**Neutron Density
Log Across
Proposed
Disposal Interval**

HALLIBURTON

SPECTRAL DENSITY DUAL SPACED NEUTRON

Copy

COMPANY MARBOB ENERGY CORP
WELL PICK STATE No. 002
FIELD CORBIN: DELAWARE, WEST
COUNTY LEA
STATE NEW MEXICO

COMPANY MARBOB ENERGY CORP
WELL PICK STATE No. 002
FIELD CORBIN: DELAWARE, WEST
COUNTY LEA
STATE NEW MEXICO

API No. 30-025-38600
Location 2310' FSL 2310' FEL
Sect. 23 Twp. 18S Rge. 33E
GROUND LEVEL Elev. 3871.0 ft
KELLY BUSHING Elev. K.B. 3893.0 ft
KELLY BUSHING Elev. D.F. 3892.0 ft
12.0 ft above perm. Datum Elev. G.L. 3871.0 ft
Other Services
DLL MGRD

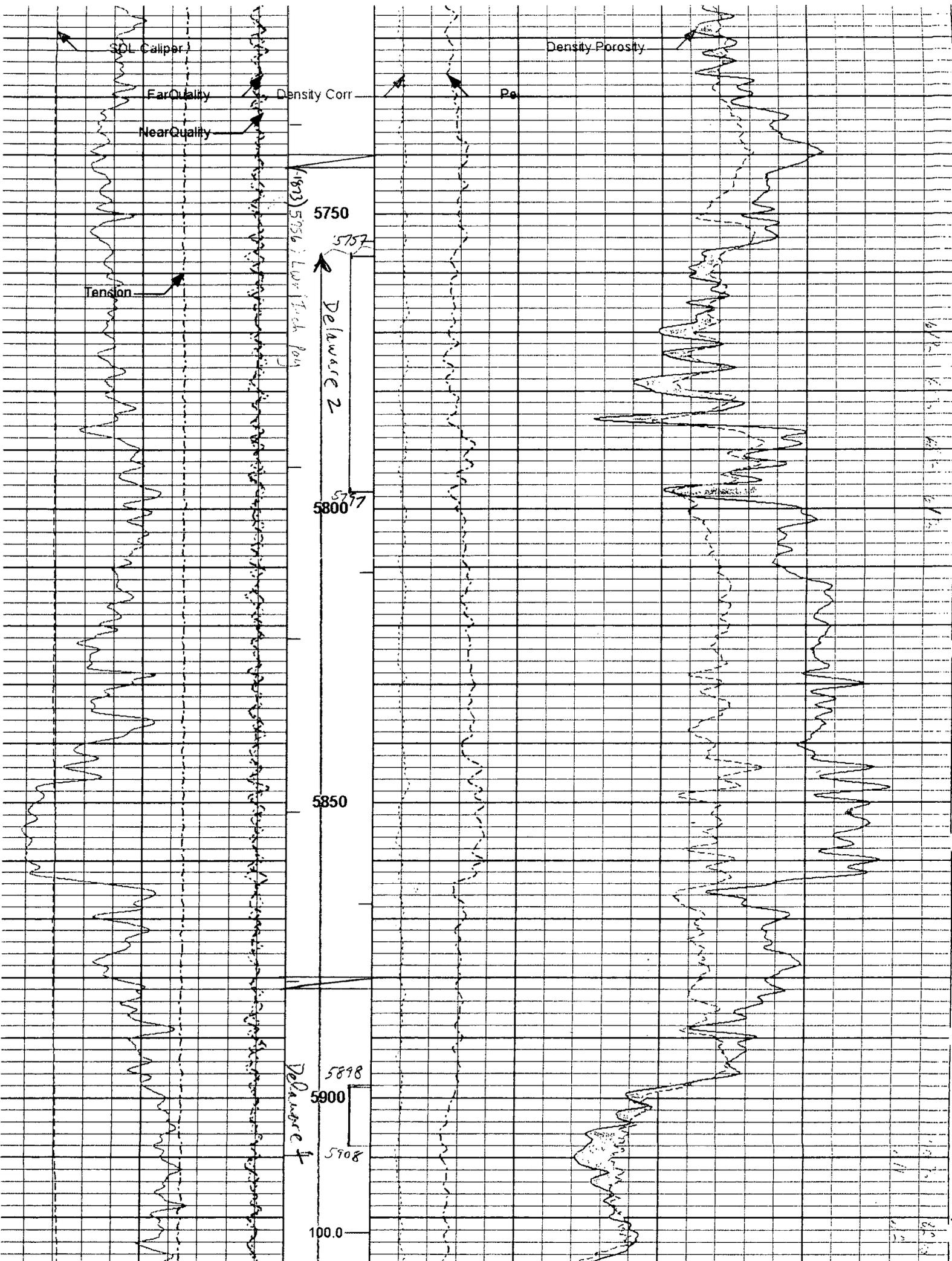
Permanent Datum	KELLY BUSHING		Elev. 3871.0 ft
Log measured from	KELLY BUSHING		Elev. K.B. 3893.0 ft
Drilling measured from	KELLY BUSHING		Elev. D.F. 3892.0 ft
Date	11-Mar-08 10:12		Elev. G.L. 3871.0 ft
Run No.	ONE		
Depth - Driller	5500.0 ft		
Depth - Logger	6502.0 ft		
Bottom - Logged Interval	6450.0 ft		
Top - Logged Interval	200.0 ft		
Casing - Driller	8.825 in @ 1605.0 ft		
Casing - Logger	1602.0 ft		
Bit Size	7.875 in		
Type Fluid in Hole	BRINE		
Density	10.1 ppg	28.00 g/qt	
PH	9.50 pH		
Source of Sample	FROM FLOW LINE		
Rm @ Meas. Temperature	0.08 ohm @ 70.00 degF		
Rmf @ Meas. Temperature	0.09 ohm @ 70.00 degF		
Rmc @ Meas. Temperature			
Source Rmf	MEAS	MEAS	
Rm @ BHT	0.04 ohm @ 145.0 degF		
Time Since Circulation	7.0 hr		
Time on Bottom	11-Mar-08 11:37		
Max. Rec. Temperature	145.0 degF @ 5502.0 ft		
Equipment	758	HOBBS, RM	
Recorded By	JOSE OROZCO	CARLOS MERCADO	
Addressed By	MARTIN JOYCE		

Fold here

Service Ticket No 5780364 API Serial No. 30-025-38600 PGM Version: WL INSITE R2.0 (Build 22)

CHANGE IN MUD TYPE OR ADDITIONAL SAMPLE				RESISTIVITY SCALE CHANGES			
Date	Sample No.	Type Log	Depth	Scale Up Hole	Scale Down Hole		
Depth-Driller							
Type Fluid in Hole							
Density	Viscosity						
Ph	Fluid Loss						
Source of Sample				RESISTIVITY EQUIPMENT DATA			
Rm @ Meas. Temp				Run No	Tool Type & No	Pad Type	Tool Pos
Rmf @ Meas. Temp.							
Rmc @ Meas. Temp.							
Source Rmf	Rmc						
Rm @ BHT							
Rmf @ BHT							
Rmc @ BHT							

EQUIPMENT DATA							
GAMMA		ACOUSTIC		DENSITY		NEUTRON	
Run No	ONE	Run No		Run No.	ONE	Run No	ONE
Serial No	11071196RD	Serial No		Serial No	SDLT_4282YL_BR	Serial No	DSN_4282YL
Model No	GTET	Model No		Model No	SDLT	Model No	DSN
Diameter	3.63 in	No. of Cent		Diameter	4.5 in	Diameter	3.63 in
Detector Model No.	T102-A	Spacing		Log Type	GAM/GAM	Log Type	NEU/NEU
Type	SCINT			Source Type	CS 137	Source Type	Am241Be
Length	8 in	LSA [Y/N]		Serial No	61155W	Serial No	DSN 314



SQL Caliper

Far Quality

Near Quality

Tension

Density Corr

Pa

Density Porosity

5750

5757

5800

5850

5898

5900

5908

100.0

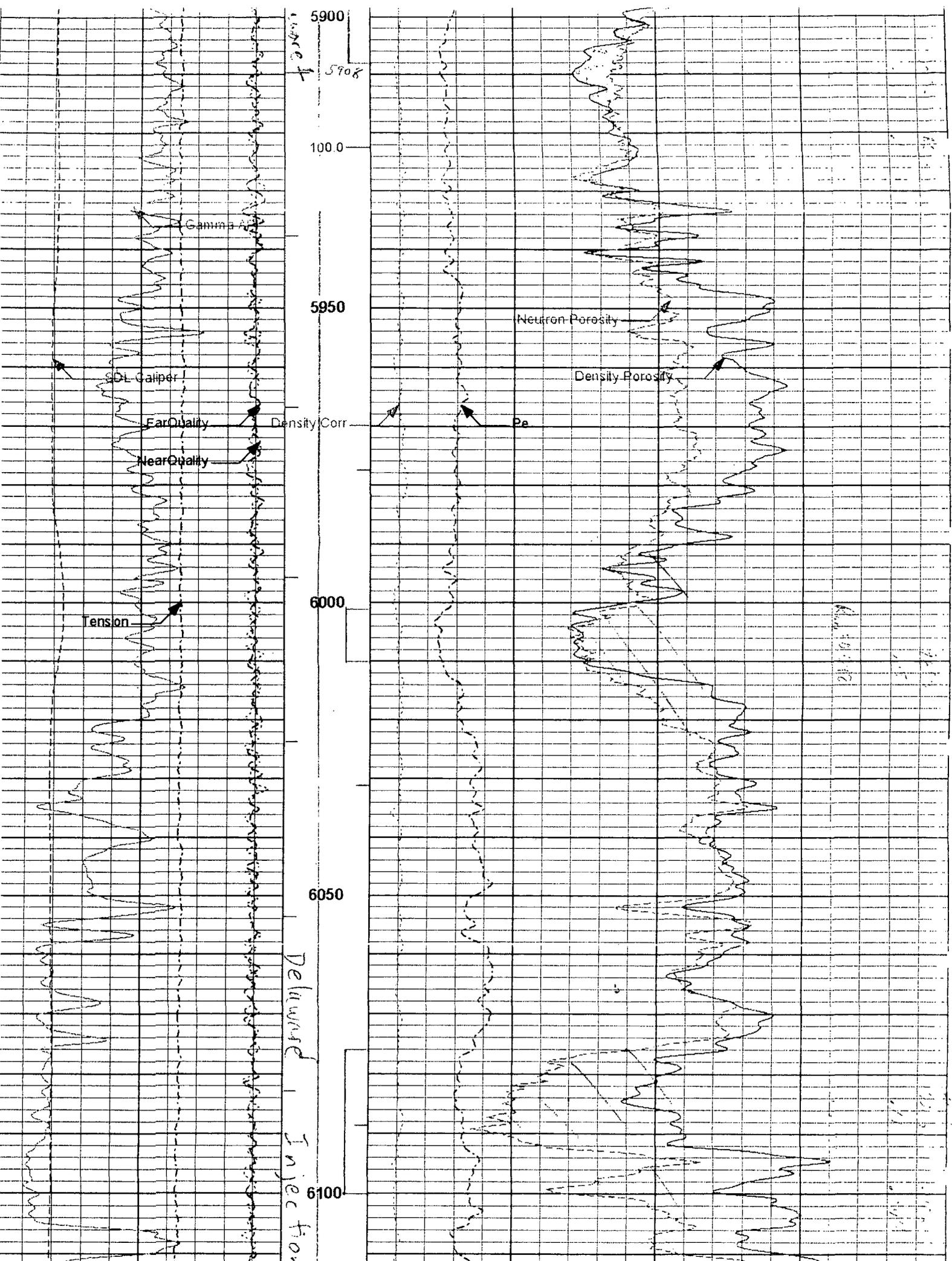
1823 5056 Low Tech Pch

Delaware 2

Delaware 1

6/12/70

2000



101.5
101.4
101.3

101.2
101.1

101.0
100.9
100.8

Wire - Injection Interval

6100

6150

6200

6250

Gamma API

SDL Caliper

Far Quality

Near Quality

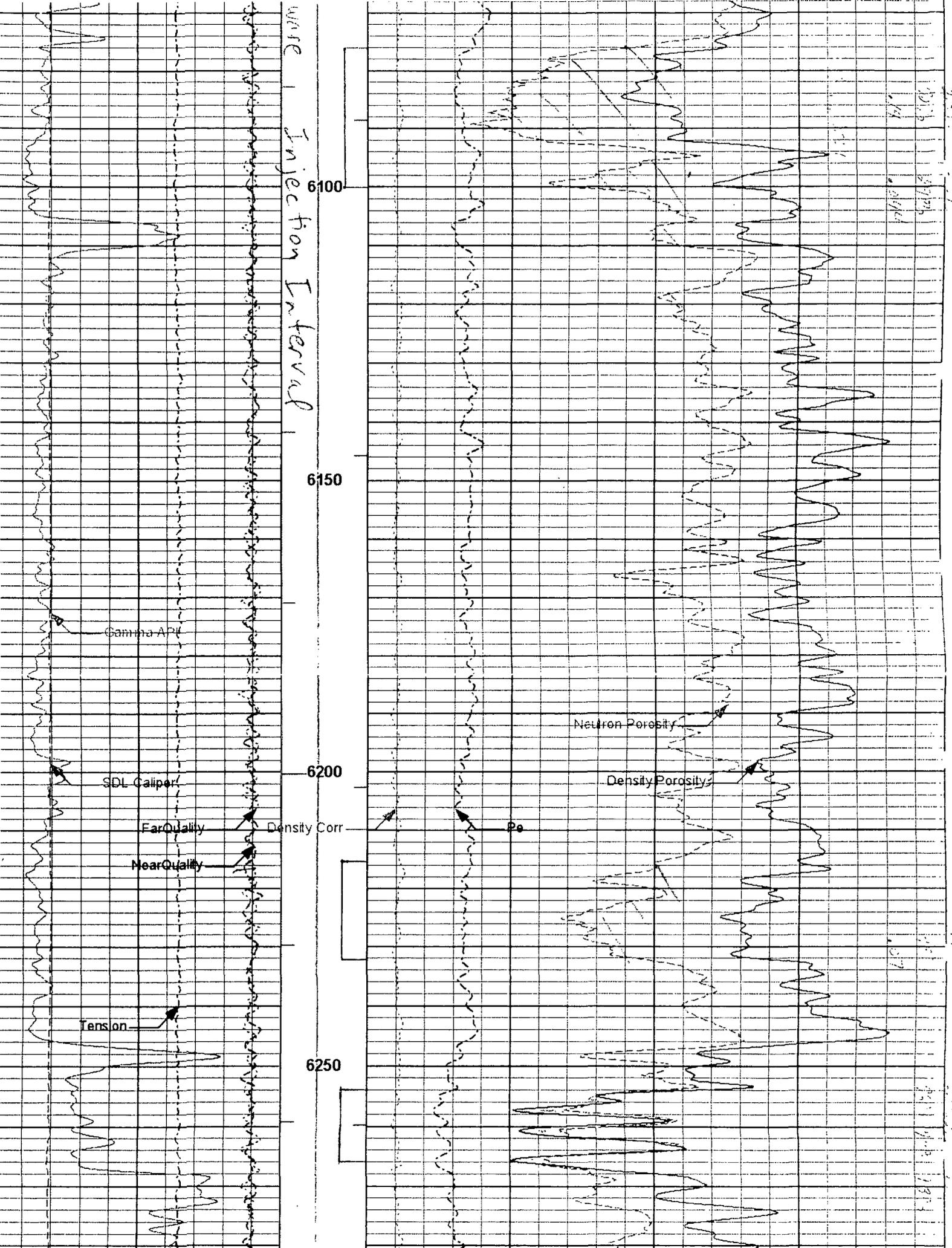
Tension

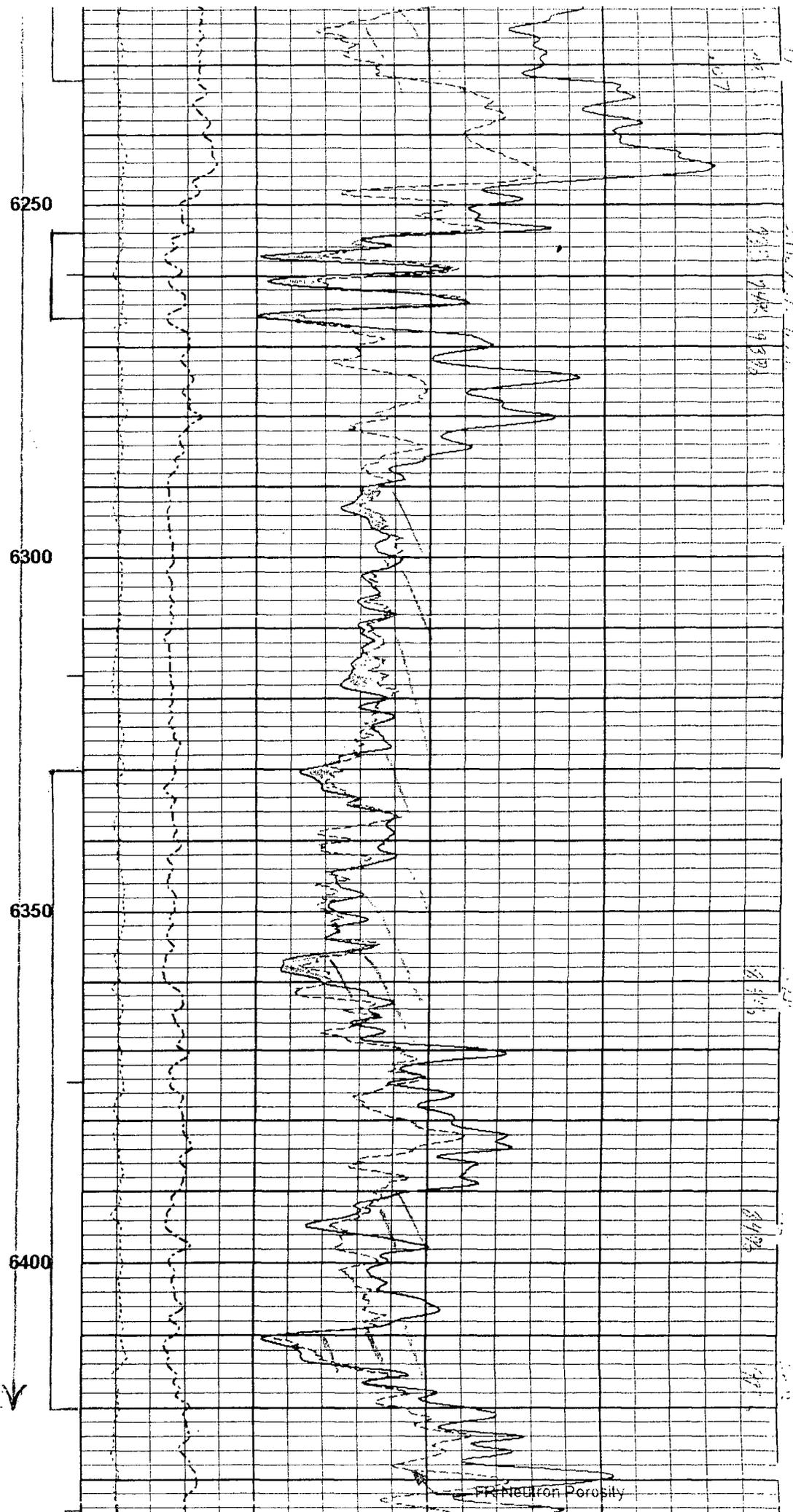
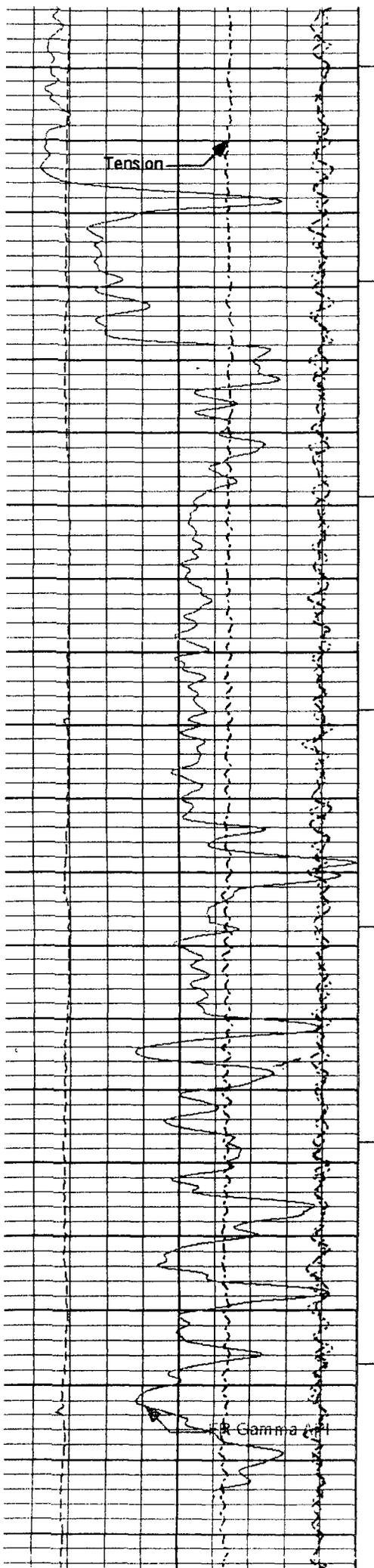
Density Corr

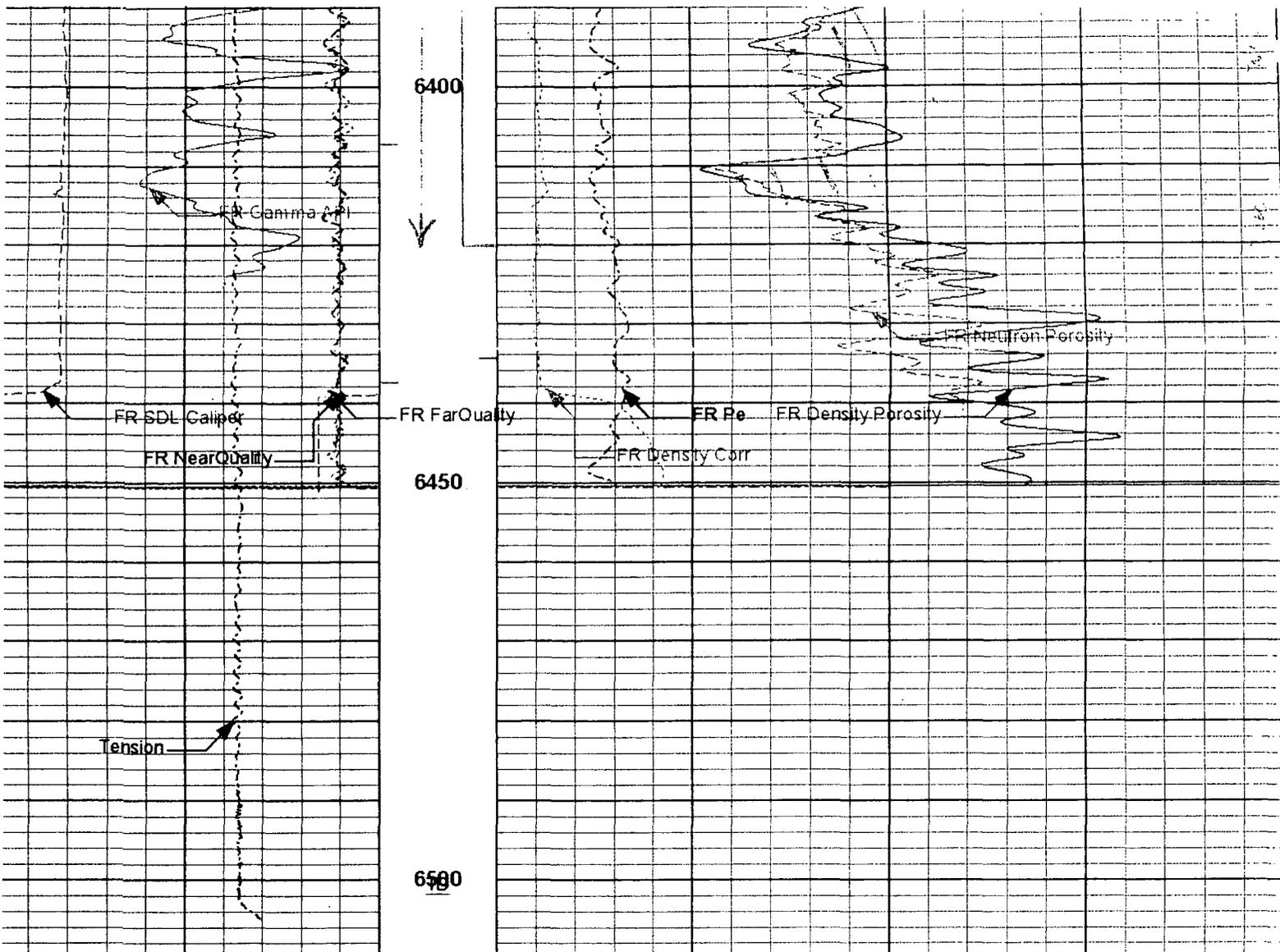
Po

Neutron Porosity

Density Porosity







Gamma API	100	BHVT	0	Pe	10
API					
SDL Caliper	16	AHVT	-0.1	Density Corr	0.3
in				g/cc	
0K	Tension	0	30	Neutron Porosity	-10
	lb-f			% Matrix: Limestone	
8	NearQuality	-2	30	Density Porosity	-10
				% Matrix: 2.71 g/cc	
18	FarQuality	2			

HALLIBURTON

Plot Time: 11-Mar-08 15:27:33
 Plot Range: 190 ft to 6510 ft
 Data: 0311MARBOBWell Based\DAQ-0001-0041
 Plot File: \\P0R0SITY\DSNT-SDLT 5in

MAIN PASS 5" = 100' (LIMESTONE MATRIX)

Submit 3 Copies To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 88240
 District II
 1301 W. Grand Ave., Artesia, NM 88210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 June 19, 2008

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-38600
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator MARBOB ENERGY CORPORATION		6. State Oil & Gas Lease No.
3. Address of Operator P O BOX 227 ARTESIA, NM 88211-0227		7. Lease Name or Unit Agreement Name PICK STATE
4. Well Location Unit Letter <u>J</u> : <u>2310</u> feet from the <u>SOUTH</u> line and <u>2310</u> feet from the <u>EAST</u> line Section <u>23</u> Township <u>18S</u> Range <u>33E</u> NMPM <u>EDDY</u> County		8. Well Number <u>2</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3871' GR		9. OGRID Number 14049
		10. Pool name or Wildcat CORBIN; DELAWARE, WEST

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

- PERFORM REMEDIAL WORK PLUG AND ABANDON
 TEMPORARILY ABANDON CHANGE PLANS
 PULL OR ALTER CASING MULTIPLE COMPL
 DOWNHOLE COMMINGLE

SUBSEQUENT REPORT OF:

- REMEDIAL WORK ALTERING CASING
 COMMENCE DRILLING OPNS. P AND A
 CASING/CEMENT JOB

OTHER: CONVERT TO SWD OTHER:

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

MARBOB ENERGY CORPORATION PROPOSES TO RE-ENTER THE WELL, DEEPEN TO 8100' AND CONVERT TO SALT WATER DISPOSAL SERVICE INTO THE DELAWARE SAND AND DOLOMITE FROM 5909' TO 6420'.

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

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE George H Freeman TITLE ENGINEER DATE 11/04/08

Type or print name GEORGE FREEMAN E-mail address: engineering@marbob.com PHONE: 575-748-3303

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any): _____



marbob
energy corporation

November 4, 2008

Hobbs News-Sun
201 N. Thorp
Hobbs, NM 88240

Re: Legal Notice
Water Disposal Well

Gentlemen:

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 Marbob Energy Corporation, P. O. Box 227, Artesia, NM 88211-0227.

Sincerely,

George Freeman
Engineer

GF/dlw

enclosure

HOBBS NEWS-SUN
LEGAL NOTICES

5757
31

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 to reenter the Pick State No. 2 located 2310' FSL 2310' FEL, Section 23, Township 18 South, Range 33 East, Lea County, New Mexico, and convert it to a salt water disposal well in the Delaware Sand and dolomite formation from 5909' to 6420'. The maximum injection rate will be 2000 BWPD at a maximum surface injection pressure of 1151 psi. Injection water will be sourced from area wells producing from the Delaware, Atoka and Morrow formations. The disposal water will be injected into the Delaware Sand and dolomite. 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 George Freeman at Marbob Energy Corporation, Post Office Box 227, Artesia, New Mexico 88211-0227, or call 575-748-3303.

Published in the Hobbs News-Sun, Hobbs, New Mexico
_____, 2008.



marbob
energy corporation

November 4, 2008

Seely Oil Company
815 W. 10th St.
Fort Worth, TX 76102

Re: Application to Inject
Pick 2 SWD
Township 18 South, Range 33 East, NMPM
Section 23: 2310 FSL 2310 FEL, Unit J
Lea 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,

George Freeman
Engineer

GF/dlw
enclosure



November 4, 2008

Devon Energy Production Company, LP
20 N. Broadway, Suite #1500
Oklahoma City, OK 73102

Re: Application to Inject
Pick 2 SWD
Township 18 South, Range 33 East, NMPM
Section 23: 2310 FSL 2310 FEL, Unit J
Lea 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,

George Freeman
Engineer

GF/dlw
enclosure



marbob
energy corporation

November 4, 2008

Twin Montana, Inc.
P. O. Box 1210
Graham, TX 76046

Re: Application to Inject
Pick 2 SWD
Township 18 South, Range 33 East, NMPM
Section 23: 2310 FSL 2310 FEL, Unit J
Lea 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,

George Freeman
Engineer

GF/dlw
enclosure



marbob
energy corporation

November 4, 2008

Bass Energy, Inc.
P. O. Box 184
Breckenridge, TX 76024

Re: Application to Inject
Pick 2 SWD
Township 18 South, Range 33 East, NMPM
Section 23: 2310 FSL 2310 FEL, Unit J
Lea 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,

George Freeman
Engineer

GF/dlw
enclosure



marbob
energy corporation

November 4, 2008

States, Inc.
P. O. Box 911
Breckenridge, TX 76024

Re: Application to Inject
Pick 2 SWD
Township 18 South, Range 33 East, NMPM
Section 23: 2310 FSL 2310 FEL, Unit J
Lea 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,

George Freeman
Engineer

GF/dlw
enclosure



November 4, 2008

D.M.S. Petroleum, Inc.
P. O. Box 1210
Graham, TX 76046

Re: Application to Inject
Pick 2 SWD
Township 18 South, Range 33 East, NMPM
Section 23: 2310 FSL 2310 FEL, Unit J
Lea 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,

George Freeman
Engineer

GF/dlw
enclosure



November 4, 2008

William G., Inc.
P. O. Box 1210
Graham, TX 76046

Re: Application to Inject
Pick 2 SWD
Township 18 South, Range 33 East, NMPM
Section 23: 2310 FSL 2310 FEL, Unit J
Lea 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,

George Freeman
Engineer

GF/dlw
enclosure



marbob
energy corporation

November 4, 2008

Talus, Inc.
P. O. Box 1210
Graham, TX 76046

Re: Application to Inject
Pick 2 SWD
Township 18 South, Range 33 East, NMPM
Section 23: 2310 FSL 2310 FEL, Unit J
Lea 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,

George Freeman
Engineer

GF/dlw
enclosure



marbob
energy corporation

November 4, 2008

BP America
P. O. Box 1610
Midland, TX 79702

Re: Application to Inject
Pick 2 SWD
Township 18 South, Range 33 East, NMPM
Section 23: 2310 FSL 2310 FEL, Unit J
Lea 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,

George Freeman
Engineer

GF/dlw
enclosure



November 4, 2008

Chevron
15 Smith Road
Midland, 79705

Re: Application to Inject
Pick 2 SWD
Township 18 South, Range 33 East, NMPM
Section 23: 2310 FSL 2310 FEL, Unit J
Lea 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,

George Freeman
Engineer

GF/dlw
enclosure



November 4, 2008

NM State Land Office
Oil, Gas & Minerals Division
P. O. Box 1148
Santa Fe, NM 87504-1148

Re: Application to Inject
Pick 2 SWD
Township 18 South, Range 33 East, NMPM
Section 23: 2310 FSL 2310 FEL, Unit J
Lea 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.

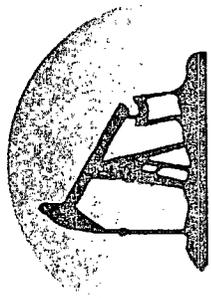
Please do not hesitate to contact us should you have any questions.

Sincerely,

George Freeman
Engineer

GF/dlw
enclosure

INVOICE DATE	INVOICE NO.	DESCRIPTION	INVOICE TOTAL	ADJUSTMENTS	DISCOUNT	NET AMOUNT
11/4/08		APPLICATION FEE/PICK 2 SWD	\$ 30.00			\$ 30.00



MARBOB ENERGY CORPORATION

2208 W. MAIN

P.O. BOX 227

ARTESIA, NEW MEXICO 88211-0227

(505) 748-3303

PLEASE DETACH BEFORE DEPOSITING. RETAIN TOP PORTION FOR YOUR RECORDS.

056967

		<p>2208 W. MAIN P.O. BOX 227 ARTESIA, NEW MEXICO 88211-0227 (505) 748-3303</p>		<p>056967</p> <p>95-43/1122</p>				
<p>*****THIRTY DOLLARS AND 00/100*****</p>		<p>FIRST NATIONAL BANK P.O. DRAWER AA ARTESIA, NM 88210</p>		<table border="1"> <tr> <th>DATE</th> <th>CHECK AMOUNT</th> </tr> <tr> <td>11/4/08</td> <td>\$30.00</td> </tr> </table>	DATE	CHECK AMOUNT	11/4/08	\$30.00
DATE	CHECK AMOUNT							
11/4/08	\$30.00							
<p>PAY TO THE ORDER OF</p>		<p>NM STATE LAND OFFICE OIL, GAS & MINERALS DIVISION PO BOX 1148 SANTA FE, NM 87504-1148</p>		<p>MARBOB ENERGY CORPORATION</p> 				

⑈056967⑈ ⑆⑆⑆2200439⑆ ⑆⑆⑆562760⑈

Well: Itch St. 1

Zero: 16.5' WL

KB: 377.5'

GL: 3873'

Location: 365' FNL, 1650' FNL

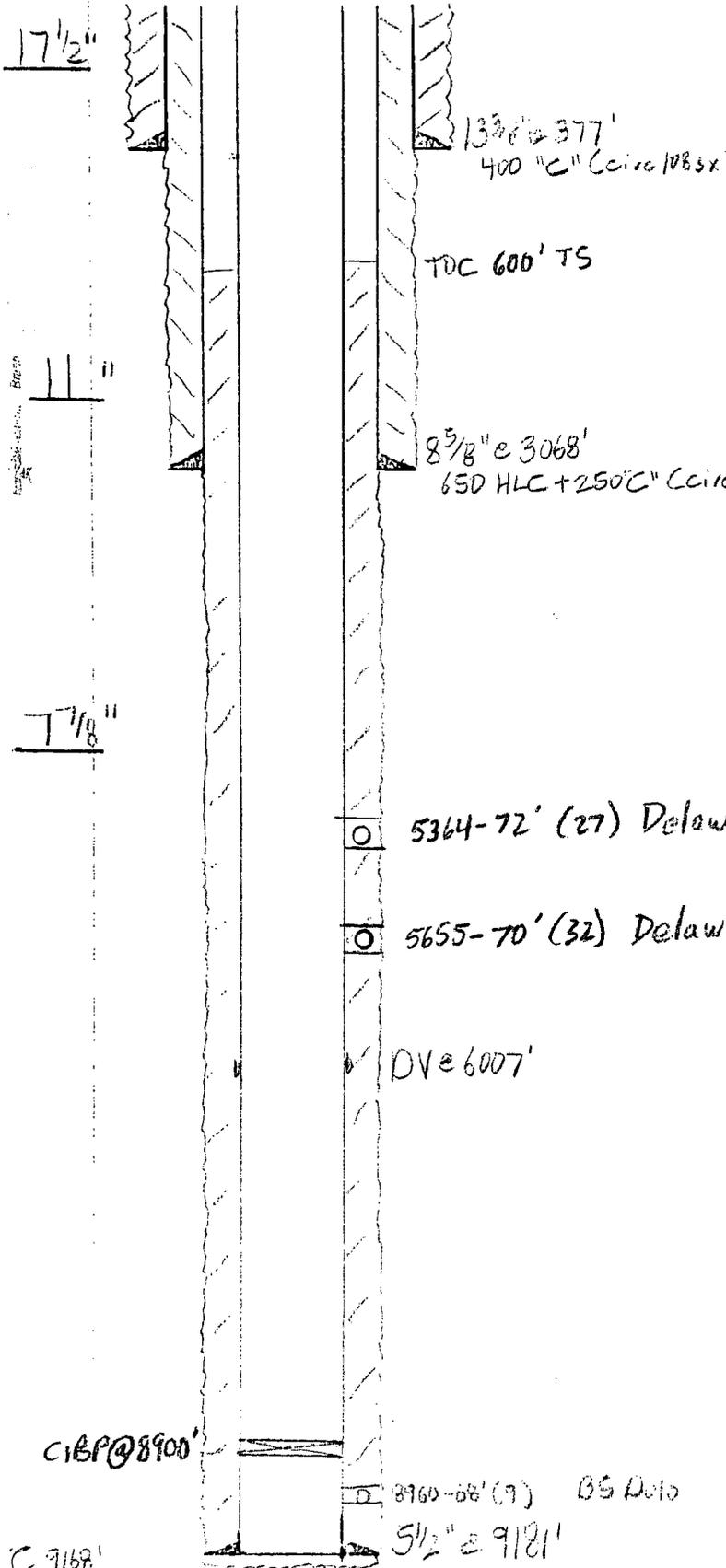
C-2-3-184-33e

Lea NM

30-025-38065

Casing Program:

Size	Wt.	Grade	Conn.	Depth
13 3/8"	48	H40	STC	377'
8 5/8"	32	J55	BTC	3068'
5 1/2"	17	1180/1195-110 J55	LTC	9181'
2 7/8"	6.5	J55	EVE	



Rig Released 11/4/06

5364-72' (27) Delaware 2

5655-70' (32) Delaware 1

DVE 6007'

CIBP @ 8900'

8960-88' (7) OS Dvd

5 1/2" @ 9181'

9200'

1 1/2" - 400 HLC + 2005 p/H (Circ 733x)

2 1/2" : 500 HLC + 100" H"

Well: Itch State No. 3

Zerog 12' AGL

KB : 3878'

GL : 3886'

Location: 1650' FNL, 330' FWL

E-23-185-33e

Eddy NM

30-025-38395

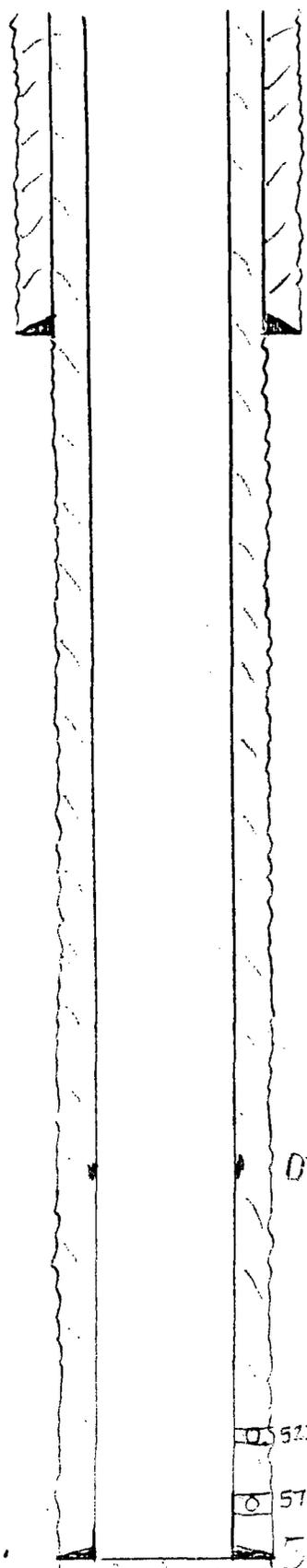
Casing Program:

Size	Wt.	Grade	Conn	Depth
8 5/8"	24	J55	STC	1603'
5 1/2"	17	J55	LTC	6010'
2 1/8"	6.5	J55	EVE	

Rig Released 7/3/07

12 1/4"

7 7/8"



8 5/8" @ 1603'
550 HLC + 250' C" (Circ 41039)

DV 4105'

5236 - 37' (20) Del 2

5712 - 22' (12) Del 1

5 1/2" @ 6010'

FC 5999'

6722'

12" 150' HLC + 150' S₁₀₀₀H (Circ 283x)

12" 600' HLC + 175' S₁₀₀₀H (Circ 449x)

6 1/2" HLC + T.C. 1" = 4400' 1

Itch State #4
1650' FNL & 1650' FWL
F-23-18s-33e
Lea Co., NM
API 30-025-39033

Zero: 14' AGL
 KB: 3896
 GL: 3882

12-1/4" Hole

Casing Vol w/ NO tubing = 150 bbls.

Size	Wt	Gr	Conn	Depth
8-5/8"	24	J55	STC	1621
5-1/2"	17	J55	LTC	6077
2-7/8"	6.5	J55	EUE	

Rig Released 9/11/08

7-7/8" Hole

8-5/8" @ 1621'
 550 sx H/L+250 sx P+
 (Circ 105 sx)

DV Tool @ 4106'

○ Top Perf	5242		
○		54	Del 2
○ Btm Perf	5305		

○ Top Perf	5631		
○		42	Del 1
○ Btm Perf	5720		

1st: 325 sx Super H
 (circ 147 sx) ✓

FC @ 6089'

TD @ 6105'

5-1/2" @ 6077'

2nd: 600 sx HL+175 sx Super H
 (circ 29 sx)

Well: Rough St. #1

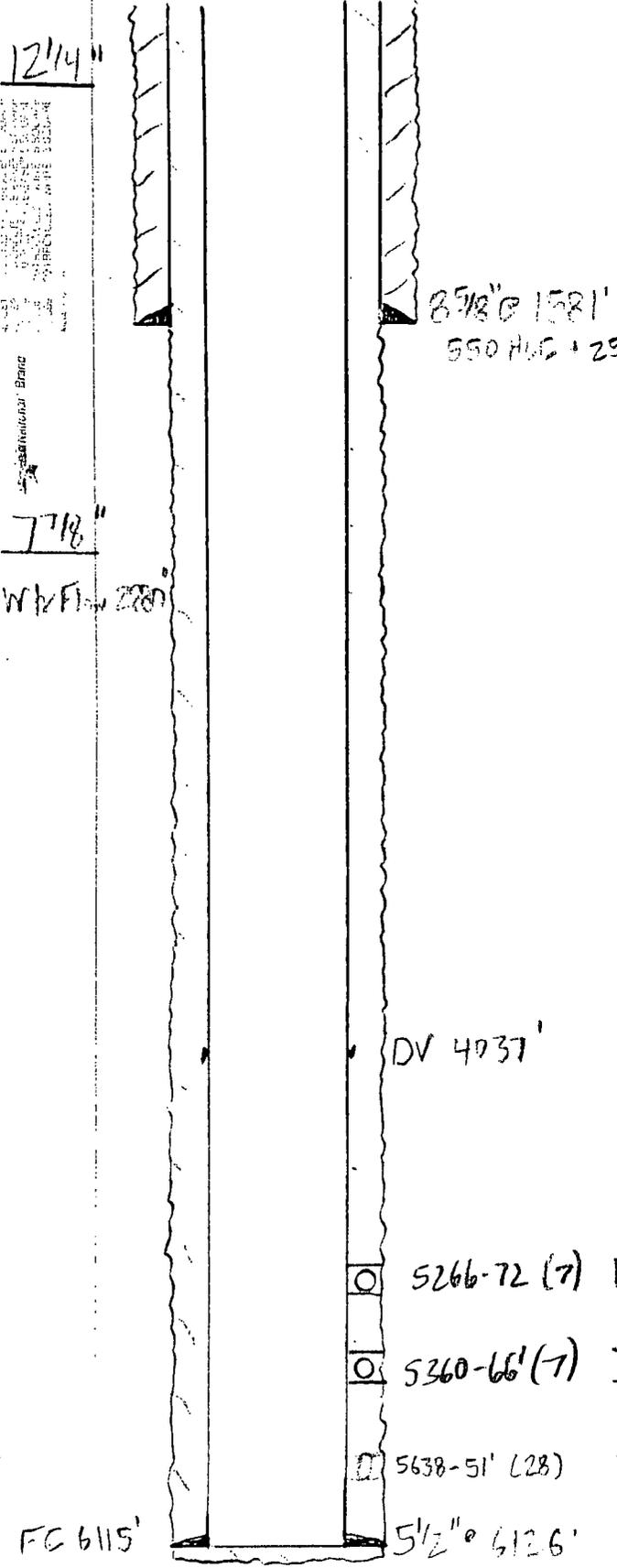
Location: 990' FNL, 2310' FEL
B-23-18s-33e
Lea NM
30-025-38066

Zero: 12' 11/2"
KB: 3700'
GL: 3888'

Casing Program:

Size	Wt.	Grade	Conn	Depth
8 7/8"	24	J55	STC	1581'
5 1/2"	17	J55	LTC	6126'
2 1/8"	6.5	J55	EVE	

Rig Released 11/8/07



8 7/8" @ 1581'
550 HLC + 250' (Circ 140)

DV 4037'

- 5266-72 (7) Del 3
- 5360-66' (7) Del 2
- 5638-51' (28) Del 1

FC 6115' 5 1/2" @ 6126'

6130'

1581: 150 HLC + 150 Super H (Circ 46 1/2)
6126: 600 HLC + 115 Super H (Circ 28 1/2)

- Sketch Not To Scale -

VAR. 11/2/07

Well: Rash St. #2

Zero: 14' AGL

Location: 1650' FNL 990' FEL
H-23-18S-33E
Lea Co., NM
30-025-38722

KB: 3899'
 GL: 3885'

Casing Program:

Size	Wt.	Grade	Conn	Depth
8 5/8"	24	J-55	STC	1596'
5 1/2"	17	J-55	LTC	6082'
2 7/8"	4.7	J-55	EUE	

Rig Released 3/29/08

505x P+ down 8 5/8"

8 5/8" @ 1596' 550 HL + 250 P+ w/2% CaCl2 (circ 120 sx)

DV 4060'

5240-5342' (12) Delaware 3

5434-58' (42) Delaware 2 ✓

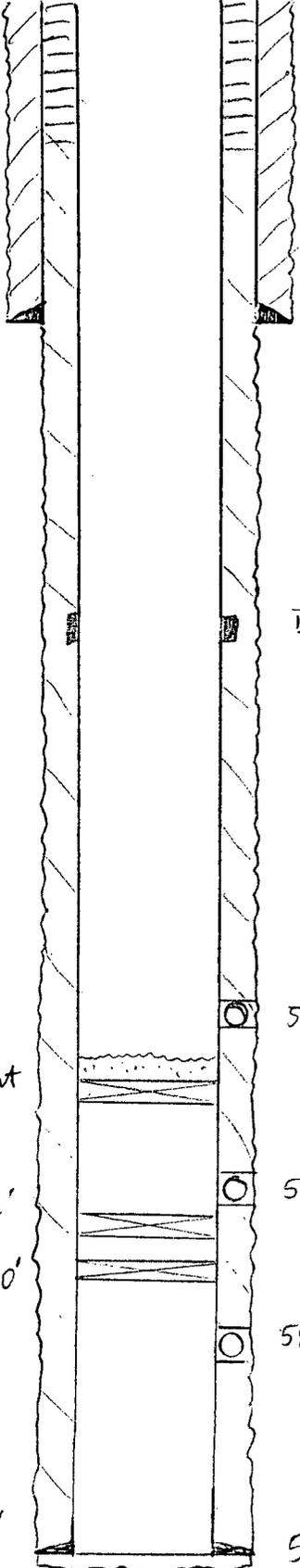
5898-5912' (34) Delaware 1

1st: 300 Super H

2nd: 750 HL + 175 Super H (circ 114 sx)

12 1/4"

7 7/8"



CIBP + 10' cmt @ 5415'

CIBP @ 5562'

CIBP @ 5870'

FC 6070'

6100'

5 1/2" @ 6082'

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Well: Rugburn 54 No. 1

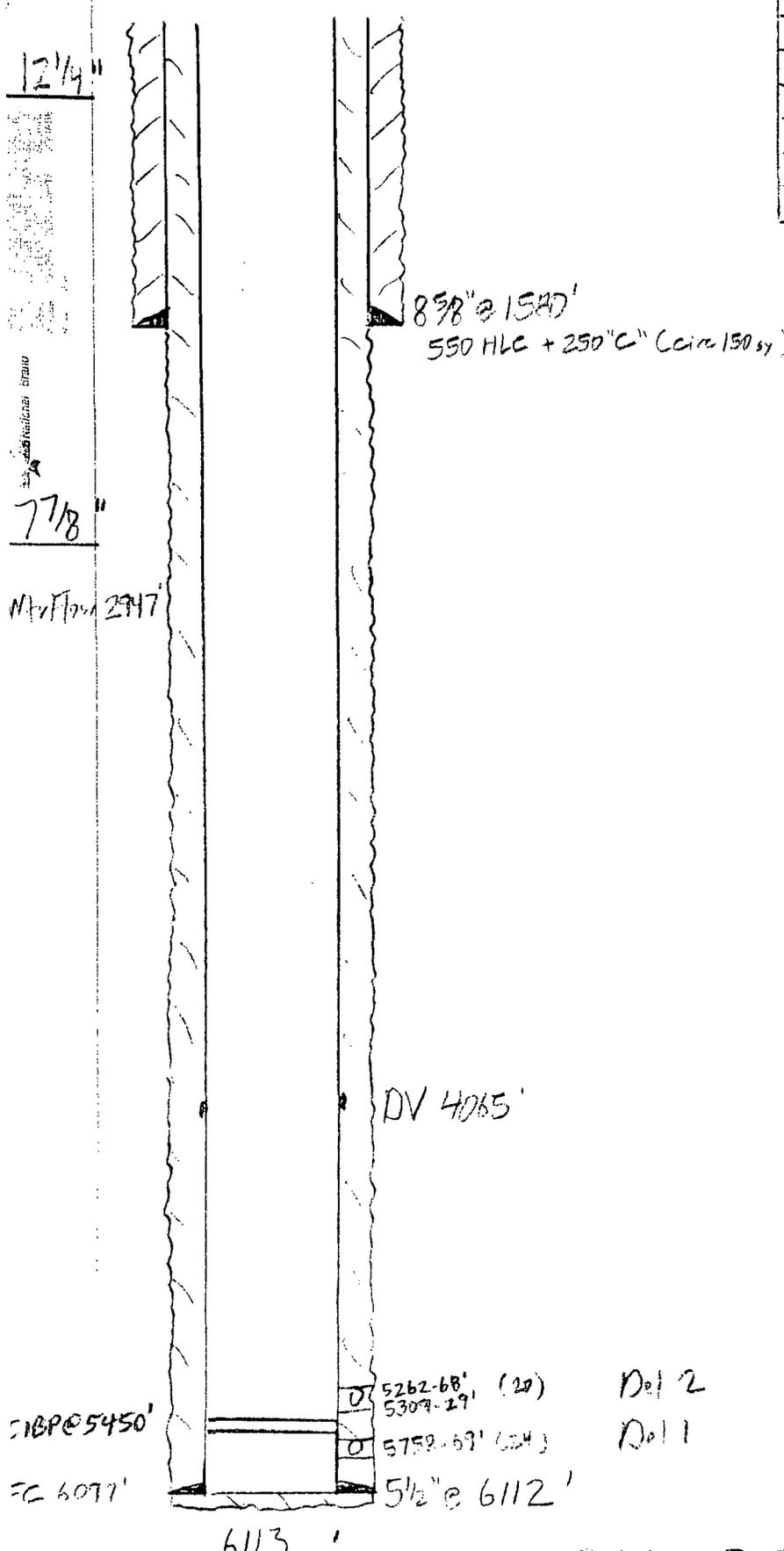
Zero: 12' AG
 KB: 3874'
 GL: 3862'

Location: 2310' EQL 330' FWL
L-23-185-33e
Lea NM
30-025-38424

Casing Program:

Size	Wt.	Grade	Conn	Depth
8 3/8"	24	J55	STC	1580'
5 1/2"	17	J55	LTC	6112'
2 1/8"	h.s	J55	EDF	

Rig Released 10/24/07



8 3/8" @ 1580'
 550 HLC + 250 "C" (Circ 150 sy)

DV 4065'



118P @ 5450'
 FC 6079'

5262-68' (20) Del 2
 5307-29'
 5752-69' (24) Del 1
 5 1/2" @ 6112'

1st: 300 Support H (Circ 100 sy)
 2nd: 600 HLC + 125 Support H (Circ 300 sy)

6113'

- Sketched to Match Grids -

VAR. 11.1

Rugburn State #2
 2310' FSL & 1650' FWL
 K-23-18s-33e
 Lea Co., NM
 API 30-025-38599

Zero: 12' AGL
 KB: 3889
 GL: 3877

12-1/4" Hole

Casing Vol w/ NO tubing = 150 bbls.

Size	Wt	Gr	Conn	Depth
8-5/8"	24	J55	8RD	1634
5-1/2"	17	J55	LTC	6101
2-7/8"	6.5	J55	EUE	

Rig Released 7/31/08

7-7/8" Hole

8-5/8" @ 1634
 550 sx H/L + 250 sx P+
 (Circ 252 sx)

DV Tool @ 4096'

○ Top Perf	5284		
○		48	Del 2
○ Btm Perf	5342		

○ Top Perf	5754		
○		18	Del 1
○ Btm Perf	5799		

TD @ 6102'

FC @ 6088' 1st: 350 sx Super H ✓
 (circ 81 sx)

5-1/2" @ 6101'

2nd: 675 sx HL+100 sx P+
 (circ 12 sx)

Injection Permit Checklist (7/8/08)

Case No. SWD 1155 WFX PMX IPI Permit Date 12/8/08 UIC Qtr OCT/NOV Doc # 08
 # Wells 1 Well Name: PICK 2 SWD (Pick State #2)
 API Num: (30-) 025-38600 Spud Date: 2/2/08 New/Old: N (UIC primacy March 7, 1982)
 Footages 2310 FSL/2310 FEL Unit J Sec 23 Tsp 18S Rge 33E County LEA
 Operator: MARBOB Energy Corporation Contact GEORGE FRAVON
 OGRID: 14049 RULE 40 Compliance (Wells) 3/1215 (Finan Assur) OK
 Operator Address: P.O. Box 227, ARTESA, NM 88211-0227

Current Status of Well: TAED
 Planned Work to Well: FROM SQZ 5304-5348 THAN (Perf Lower DEL) Planned Tubing Size/Depth: 2 7/8 @ 5700'

	Sizes Hole.....Pipe	Setting Depths	Cement Sx or Cf	Cement Top and Determination Method
Existing <input checked="" type="checkbox"/> Surface	12 1/4 8 5/8	1566'	800	CIRC
Existing <input type="checkbox"/> Intermediate				
Existing <input checked="" type="checkbox"/> Long String	7 7/8 5 1/2	6503' (360 + 315)	1135	(CIRC BOTH STAGES)

DV Tool 4070' Liner Open Hole Total Depth 603 PBDT 6490
 Well File Reviewed
 Diagrams: Before Conversion After Conversion Elogs in Imaging File:

Intervals:	Depths	Formation	Producing (Yes/No)
Above (Name and Top)			
Above (Name and Top)	5297	TOP DEL	
Injection..... Interval TOP:	5757	DEL	
Injection..... Interval BOTTOM:	6420	DEL	
Below (Name and Top)	7300	Bona SPRING	

Produced FROM UPPER DEL (with Corbin; DEL Prod)
 1151 PSI-Max. WHIP
 N Open Hole (Y/N)
 N Deviated Hole?

Sensitive Areas: Capitan Reef Cliff House Salt Depths 1500-2908
 Potash Area (R-111-P) Potash Lessee Noticed?

Fresh Water: Depths: 0-1566 Wells (Y/N) Yes Analysis Included (Y/N): Affirmative Statement

Salt Water: Injection Water Types: DEL/ATOKA/MORROW Analysis? Yes

Injection Interval.....Water Analysis: Yes Hydrocarbon Potential Tainted well

Notice: Newspaper (Y/N) Surface Owner SLO Mineral Owner(s) Chevron, Slobay (Cheyenne), BP, DEVON, Twin Mountain, Boss Energy
 RULE 701B(2) Affected Parties: WAS OWN (EX ON UNIT)

Area of Review: Adequate Map (Y/N) and Well List (Y/N) None
 Active Wells 8 Num Repairs 0 Producing in Injection Interval in AOR No
 P&A Wells 0 Num Repairs 0 All Wellbore Diagrams Included? 0

Questions to be Answered: Get Newspaper NOTICE (Upper Perf Too Low in NOTICE)

Required Work on This Well: _____ Request Sent _____ Reply: _____
 AOR Repairs Needed: _____ Request Sent _____ Reply: _____
 _____ Request Sent _____ Reply: _____