DATE IN 8/27	SUSPENSE	ENGINEER Jones	LOGGED IN 8/27	TYPE SWD 1193	APP NO. pTGW 0923954567

ABOVE THIS LINE FOR DIVISION USE ONLY

marbob (14049)
SRO 10 SWD #1
30-015-25864

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

ADMINISTRATIVE APPLICATION CHECKLIST

Edly

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]

RECEIVED OCD
2009 AUG 21 A 11:42

[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		PETROLEUM ENGINEER	19 Aug 09
Print or Type Name	Signature	Title	Date

bcollins@marbob.com
e-mail Address

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL
RESOURCES DEPARTMENT

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

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: _____ 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).

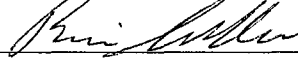
*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

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: 19 Aug 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: _____

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

C-108 Application for Authorization to Inject
SRO 10 SWD #1
1980' FNL, 1980' FWL
F-10-T26S-R28E, Eddy County

Marbob Energy Corporation proposes re-enter the captioned well for salt water disposal service into the Delaware Sand from 4300' to 5800'.

V. Map is attached.

VI. One well within the ½ mile radius area of review penetrates the proposed injection zone. Schematic attached.

VII. 1. Proposed average daily injection rate = 2000 BWPD
Proposed maximum daily injection rate = 5000 BWPD

2. Closed system

3. Proposed maximum injection pressure = 860 psi
(0.2 psi/ft. x 4300 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 analogous source wells are attached.

VIII. The injection zone is the Delaware Sandstone, a fine-grained sandstone from 4300' to 5800'. Any underground water sources will be shallower than 600'.

IX. The Delaware sand injection interval will be acidized with approximately 20 gal/ft of 7 ½ % HCl acid. If necessary, the injection interval may be fraced with up to 300,000 lbs. of 20/40 mesh sand.

X. Couldn't find logs for this well. A section of the neutron-density porosity log showing the injection interval from the Delaware River Unit 1, located ¼ mile east, is attached

XI. There is one fresh water well within a mile of the proposed SWD well. Water analysis is is attached. State Engineer's Point of Diversion report shows another well in SE/4 SE/4, Sec. 10-T26S-R28E. There is no windmill, no electricity and this well could not be found.

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.

Side 1

INJECTION WELL DATA SHEET

OPERATOR: Marbob Energy Corp

WELL NAME & NUMBER: SRO 10 SWD No. 1 (Formerly Delaware River Unit 3)

WELL LOCATION:	1980' FNL 1980' FWL	F	10	26s	28e
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

See attached before and after schematics. Marbob proposes to reenter this well, clean out to 5850', run 5½" casing and convert well to SWD in the Delaware Sand 4300-5800'.

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12¼" Casing Size: 8⅝" @ 600'

Cemented with: 370 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: _____ Casing Size: _____

Cemented with: _____ sx. *or* _____ ft³

Top of Cement: _____ Method Determined: _____

Total Depth: 5850'

Injection Interval

4300' feet to 5800'

(Perforated or Open Hole; indicate which)

Side 2

INJECTION WELL DATA SHEET

Tubing Size: 2 7/8" Lining Material: IPC or Duoline 20

Type of Packer: 10K nickel plated double grip retrievable

Packer Setting Depth: 4250' ±

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 & gas

2. Name of the Injection Formation: Delaware Sand

3. Name of Field or Pool (if applicable): San Lorenzo

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.

   See wellbore schematic

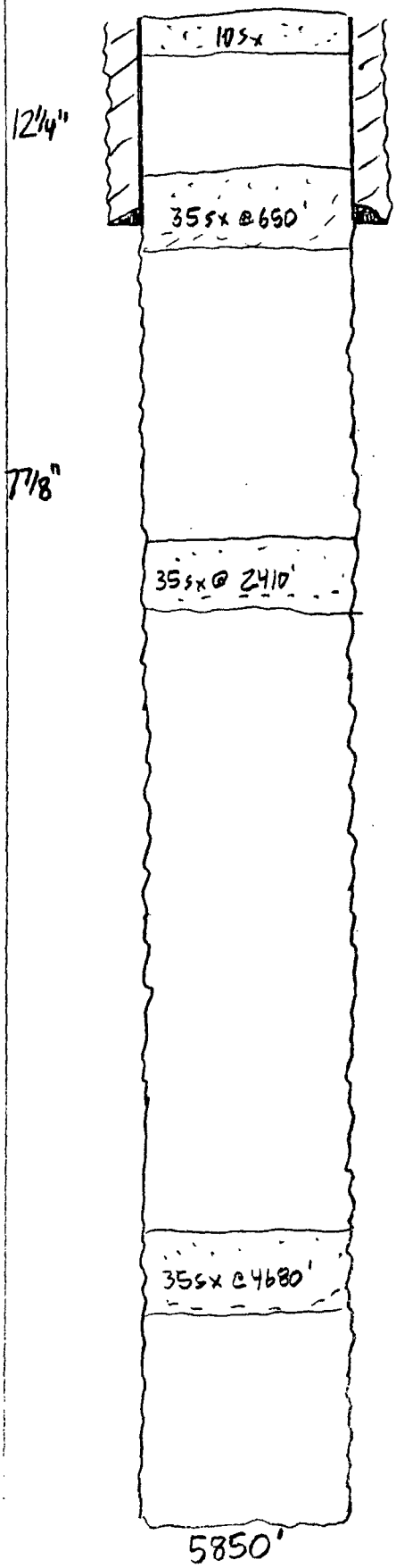
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

   Underlying: Possible Bone Spring ±6500-8500', Possible Penn 10500'±
   Possible Strawn ±11800', Possible Atoka ±12100'
   Possible Morrow ±12500'

   Overlying: None

30-015-25864 (Formerly Delaware River Unit 3)

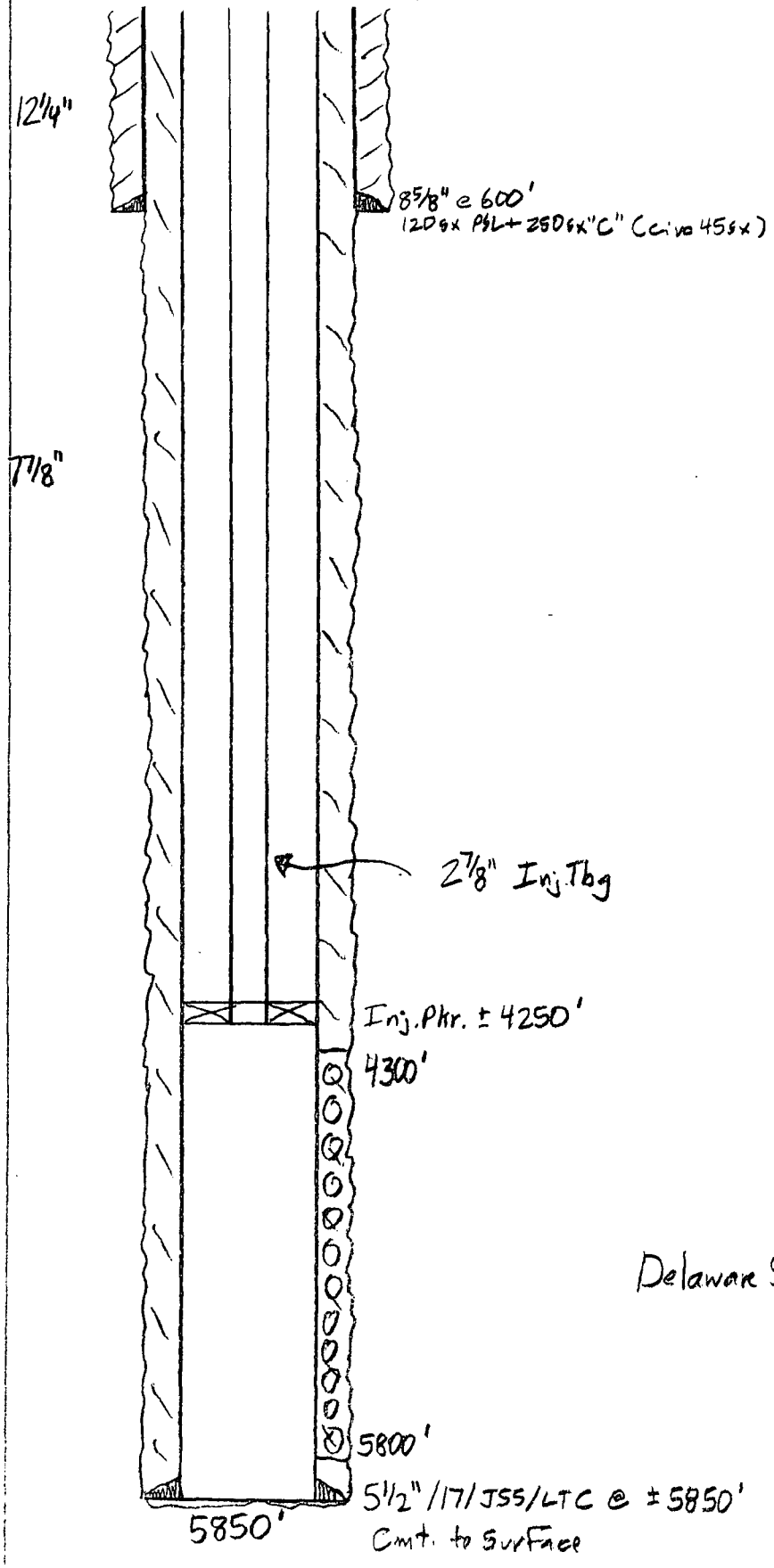
1980' FNL, 1980' FWL
F-10-26s-28e
Eddy NM



Before SWD Conversion

30-015-25864

SRO 10 SWD No. 1
(Formerly Delaware River Unit #3)
1980' FNL, 1980' FWL
F-10-26s-28e
Eddy NM

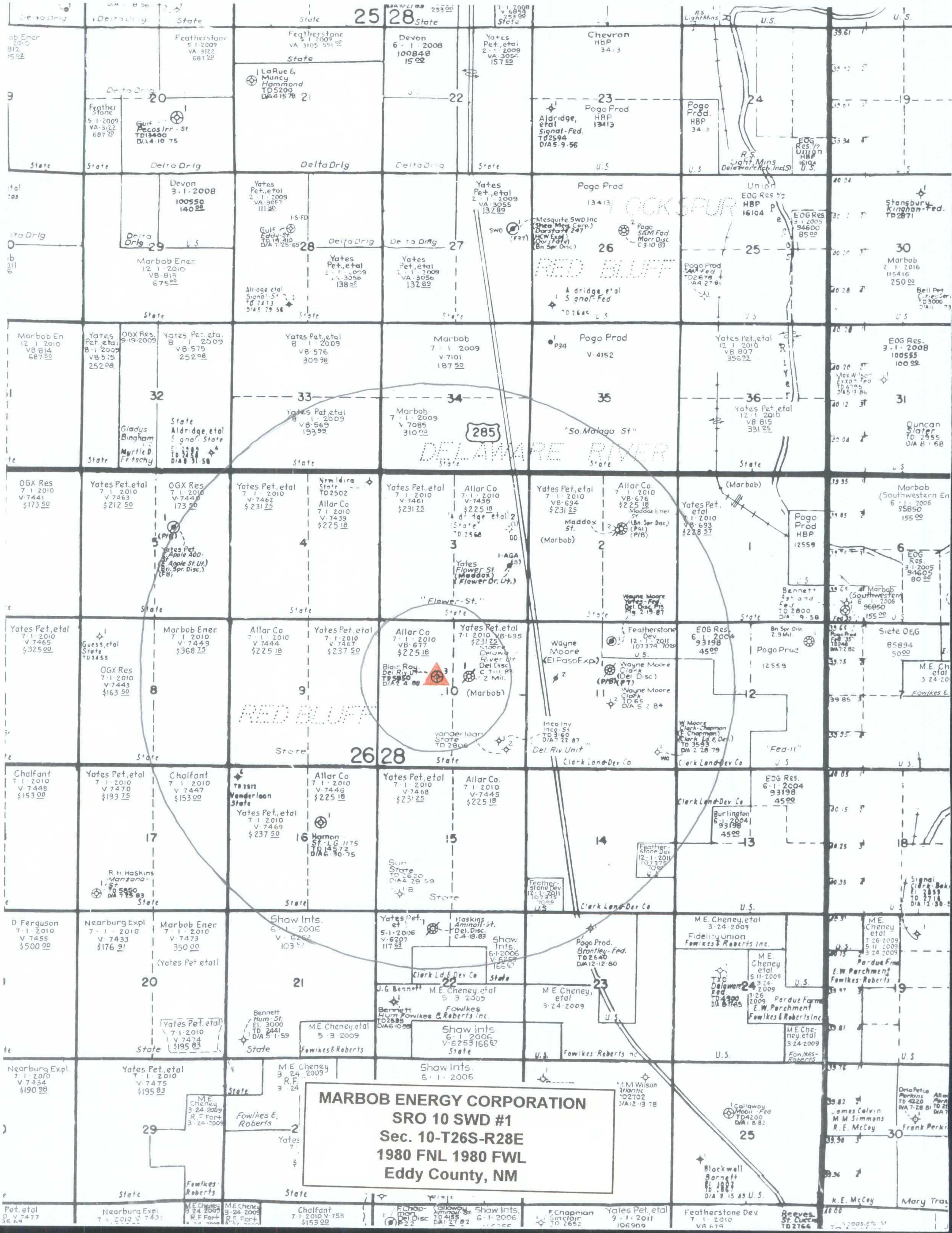


After SWD Conversion

Delaware Sand

V.

MAP


MARBOB ENERGY CORPORATION
SRO 10 SWD #1
Sec. 10-T26S-R28E
1980 FNL 1980 FWL
Eddy County, NM
25
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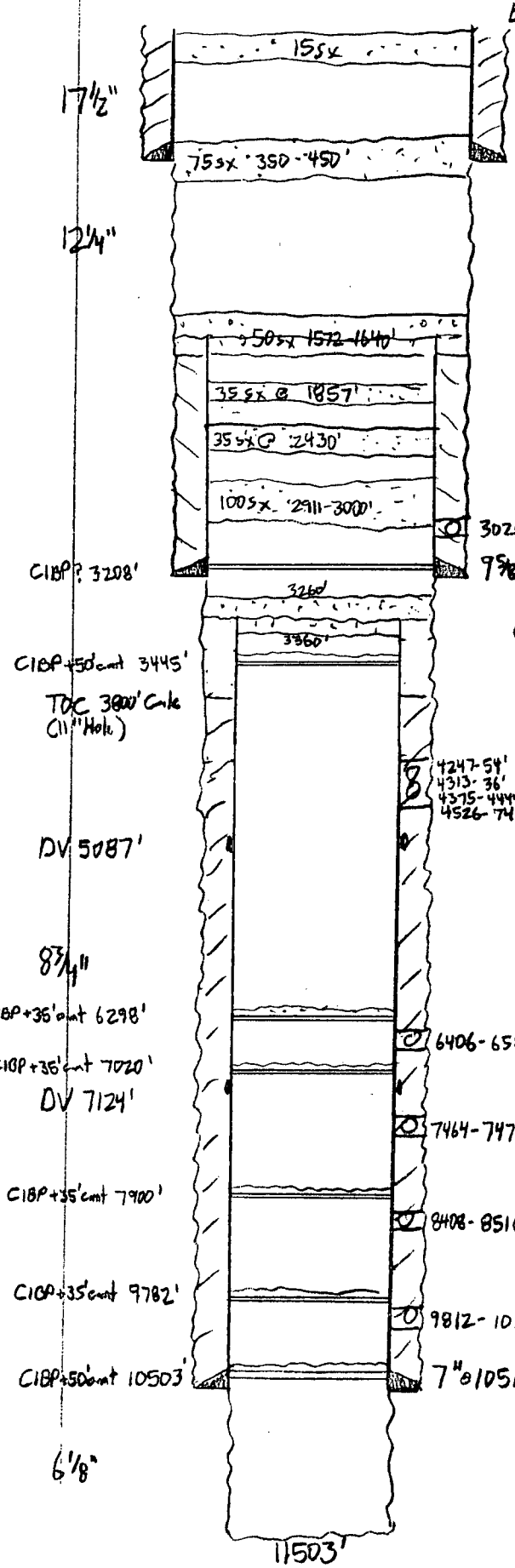
25
30
285
DELAWARE RIVER
RED BLUFF
"So. Malaga St"
"Flower-St."

VI.

Wells Penetrating Proposed Disposal Interval Within Half Mile Area of Review

30-015-24152 (Formerly Delaware River Unit 1)

1980' FNL, 1980' FEL
G-10-26s-28e
Eddy NM



Within ½ Mi. Radius Area of Review

1st: 350 sx Lite + 200 sx "C"
2nd: 360 sx Lite + 100 sx "C"
3rd: 200 sx Lite + 100 sx "C"

VII.

WATER ANALYSIS

HALLIBURTON

PERMAIN BASIN OPERATIONS LABORATORY
WATER ANALYSIS REPORT
HOBBS, NEW MEXICO

COMPANY Marbob

REPORT W09-055
DATE July 12, 2009
DISTRICT Artesia

Delaware Produced Water

SUBMITTED BY

WELL DEPTH FORMATION
COUNTY FIELD SOURCE
TANK

SAMPLE	Black River		Spanish Cedar 1		Wtr. Well C-00516			
Sample Temp.	70	°F	70	°F	70	°F		°F
RESISTIVITY	15.8		0.054		3.41			
SPECIFIC GR	1.000		1.154		1.002			
pH	7.85		5.43		7.33			
CALCIUM	750	mpl	30,000	mpl	1,000	mpl		mpl
MAGNESIUM	300	mpl	17,100	mpl	450	mpl		mpl
CHLORIDE	104	mpl	140,306	mpl	240	mpl		mpl
SULFATES	Light	mpl	Light	mpl	Heavy	mpl		mpl
BICARBONATES	153	mpl	61	mpl	262	mpl		mpl
SOLUBLE IRON	0	mpl	25	mpl	0	mpl		mpl
KCL	N		N		N			
Sodium		mpl		mpl		mpl		mpl
TDS		mpl		mpl		mpl		mpl
OIL GRAVITY	@	°F	@	°F	@	°F	@	°F

REMARKS

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

ANALYST

HALLIBURTON

PERMAIN BASIN OPERATIONS LABORATORY
WATER ANALYSIS REPORT
HOBBS NEW MEXICO

COMPANY	Maibob	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.	70	°F		°F		°F		°F
RESISTIVITY	0.068							
SPECIFIC GR	1.095							
pH	6.53							
CALCIUM	7500	mpl		mpl		mpl		mpl
MAGNESIUM	6000	mpl		mpl		mpl		mpl
CHLORIDE	83125	mpl		mpl		mpl		mpl
SULFATES	Light	mpl		mpl		mpl		mpl
BICARBONATES	231	mpl		mpl		mpl		mpl
SOLUBLE IRON	0	mpl		mpl		mpl		mpl
KCL	Negative							
Sodium		mpl	0	mpl	0	mpl	0	mpl
TDS		mpl	0	mpl	0	mpl	0	mpl
OIL GRAVITY	@	°F	@	°F	@	°F	@	°F

REMARKS

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

ANALYST [illegible]

X.

Neutron Density Log Across Proposed Delaware Sand Portion of Injection Interval - From Adjacent Well

Dresser Atlas

DRESSER

Density
Neutron
Gamma Ray

FILE NO	
API NO	
COMPANY	[illegible]
WELL	[illegible]
FIELD	[illegible]
COUNTY	[illegible]
STATE	New Mexico
LOCATION	[illegible]
Other Services	CAL / GR
SEC	
TWP	[illegible]
RGE	28-E
Permanent Datum	G.L.
Elev.	3018'
Log Measured from	K.B.
Drilling Measured from	K.B.

Date	[illegible]
Run No	[illegible]
Service Order	[illegible]
Depth - Driller	[illegible]
Depth - Logger	[illegible]
Bottom Logged Interval	[illegible]
Top Logged Interval	[illegible]
Casing - Driller	[illegible]
Casing - Logger	[illegible]
Bit Size	[illegible]
Type Fluid in Hole	[illegible]
Density and Viscosity	[illegible]
pH and Fluid Loss	[illegible]
Source of Sample	[illegible]
Rm @ Meas Temp	[illegible]
Rmf @ Meas Temp	.051 [illegible]
Rmc @ Meas Temp	[illegible]
Source of Rmf and Rmc	[illegible]
Rm @ BHT	[illegible]
Time Since Circ	[illegible]
Max Rec Temp Deg °F	[illegible]
Equip No and Location	[illegible]
Recorded By	[illegible]
Witnessed By	[illegible]

JUL 28 1983

O. C. D.

ARTESIA, OFFICE

REPRODUCED BY
Petroleum Information
CORPORATION
[illegible] 79701

REFERENCE Y457M

COMPLETION RECORD

SPUD DATE

COMP DATE

DST RECORD

API NO.

CASING RECORD

PERFORATING RECORD

ACID FRAC SHOT

I P

GOR GR

T P C P

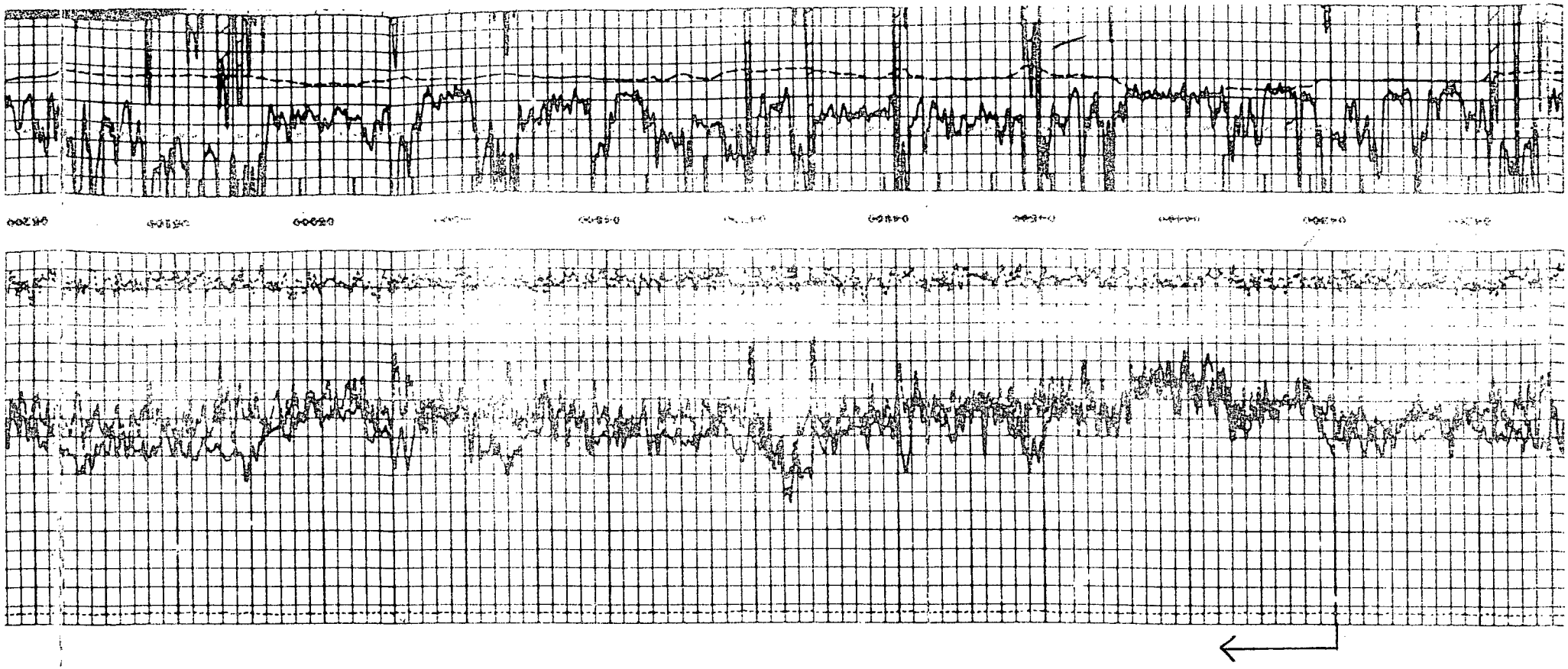
REMARKS

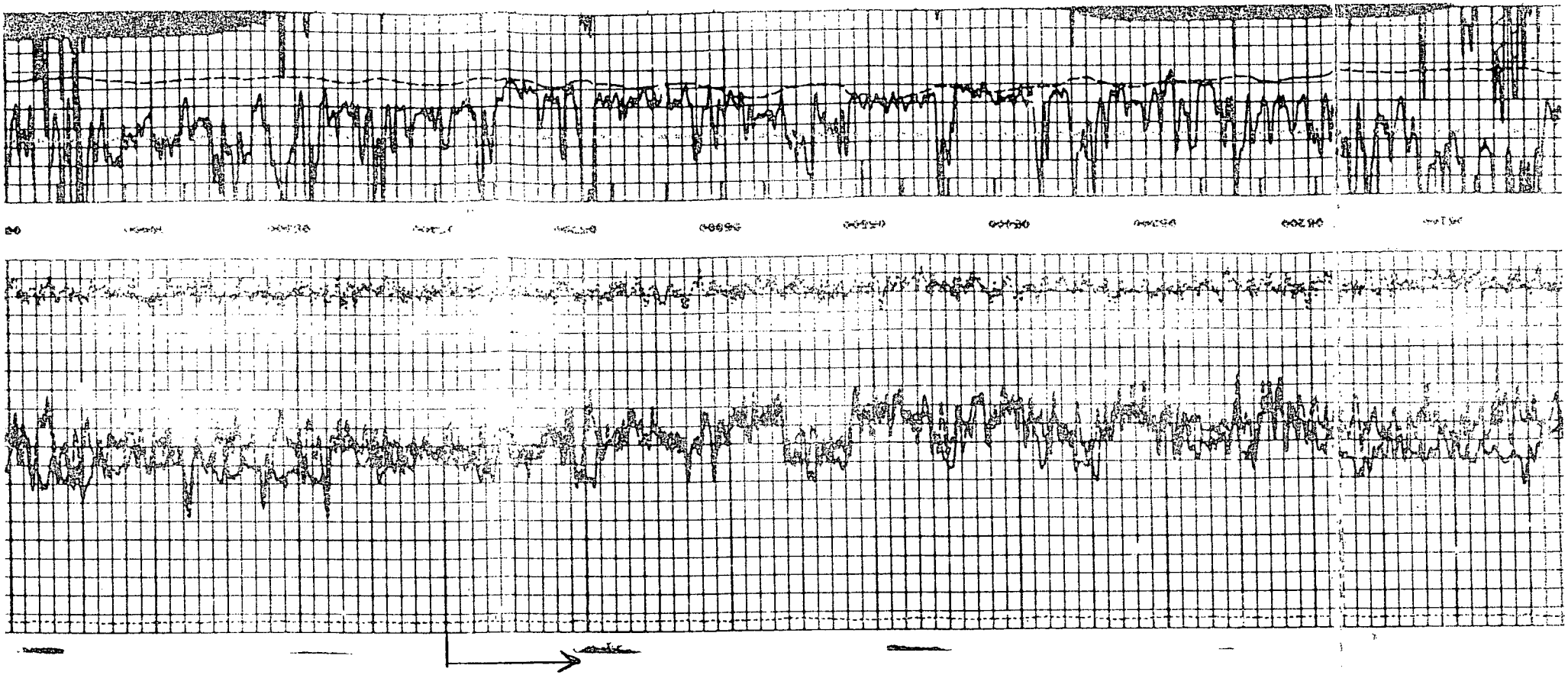
Remarks

CN RUN [illegible] CORRECTED.
Cement [illegible] 5/8 casing [illegible] out.
[illegible]
[illegible]

EQUIPMENT DATA

	RUN NO			RUN NO		RUN NO 3		
	CDL	CNLog	GR	CNLog	GR	CDL	CNLog	GR
Tool Series No	2212	2412	309					
Serial No	53092	5325	[illegible]					
Diameter	4.875	[illegible]	[illegible]					
Tool Position	OPEN	DECEN	[illegible]					
Detect. Model No	1G10X	[illegible]	[illegible]					
Type	GEIGER	[illegible]	[illegible]					
Source Model No	53130	[illegible]						
Serial No	100	[illegible]						





XI.

Fresh Water Sample Analyses

HALLIBURTON

PERMAIN BASIN OPERATIONS LABORATORY
WATER ANALYSIS REPORT
HOBBS, NEW MEXICO

COMPANY Marbob

REPORT W09-059
DATE July 30, 2009
DISTRICT Hobbs

Stock Tank Water
NW/4 NW/4 NW/4 Sec. 14-26s-28e

SUBMITTED BY

WELL Stock Tanks
COUNTY

DEPTH
FIELD

FORMATION
SOURCE

SAMPLE	5-26S-28C	C-2160 5-S	C03413	
Sample Temp.	70 °F	70 °F	70 °F	°F
RESISTIVITY	15.8	3.41	3.41	
SPECIFIC GR.	1.000	1.002	1.002	
pH	8.57	8.12	7.89	
CALCIUM	700 mpl	1,000 mpl	1,150 mpl	mpl
MAGNESIUM	390 mpl	750 mpl	750 mpl	mpl
CHLORIDE	45 mpl	1,222 mpl	316 mpl	mpl
SULFATES	Light mpl	Moderate mpl	Moderate mpl	mpl
BICARBONATES	170 mpl	366 mpl	292 mpl	mpl
SOLUBLE IRON	0 mpl	0 mpl	0 mpl	mpl
KCL	Negative	Negative	Negative	
Sodium	mpl	mpl	mpl	0 mpl
TDS	mpl	mpl	mpl	0 mpl
OIL GRAVITY	@ °F	@ °F	@ °F	@ °F

REMARKS

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

ANALYST: JH

New Mexico Office of the State Engineer

Point of Diversion by Location

(with Drilling Information)

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

WR File Nbr	Sub basin	Use	Diversion	County	POD Number	Grant	Source	q q q 6416 4	Sec	Twn	Rng	X	Y	Start Date	Finish Date	Depth Well	Depth Water
C 01614		PRO	0	ED	C 01614				14	26S	28E	588950	3545534*				
C 02160		IRR	397.5	ED	C 02160		Shallow	4 1 2	14	26S	28E	589243	3546044*		12/01/1959	300	120
				ED	C 02160 S		Shallow	1 1 2	14	26S	28E	589043	3546244*		01/01/1960	300	120
				ED	C 02160 S-2			1 1 2	14	26S	28E	589043	3546244*				
				ED	C 02160 S-3			2 2 1	14	26S	28E	588834	3546241*				
				ED	C 02160 S-4			2 2 1	14	26S	28E	588834	3546241*				
				ED	C 02160 S-5			1 1 1	14	26S	28E	588225	3546237*				
				ED	C 02160 S-6			3 3 1	14	26S	28E	588232	3545635*				
				ED	C 02160 S-7			4 3 2	14	26S	28E	589249	3545642*				
				ED	C 02160 S-9		Shallow	3 3 2	02	26S	28E	589020	3548868*				
				ED	C 02160 S2		Shallow	1 1 2	14	26S	28E	589043	3546244*		03/01/1960	300	120
				ED	C 02160 S3		Shallow	2 2 1	14	26S	28E	588834	3546241*		05/01/1960	300	120
				ED	C 02160 S4		Shallow	2 2 1	14	26S	28E	588834	3546241*		07/01/1960	300	120
				ED	C 02160 S5		Shallow	1 1 1	14	26S	28E	588225	3546237*		09/01/1960	300	120
				ED	C 02160 S6		Shallow	3 3 1	14	26S	28E	588232	3545635*		11/01/1960	300	120
				ED	C 02160 S9		Shallow	3 3 2	02	26S	28E	589020	3548868*		06/01/1961	300	120
C 02477		STK	3	ED	C 02477			1 1	03	26S	28E	586687	3549347*		12/31/1912	150	
C 02479		STK	3	ED	C 02479			4 4	10	26S	28E	587909	3546534*		12/31/1960	200	

***UTM location was derived from PLSS - see Help**

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

WR File Nbr	Sub basin	Use	Diversion	County	POD Number	Grant	Source	q q q 6416	4	Sec	Tws	Rng	X	Y	Start Date	Finish Date	Depth Well	Depth Water
C 02480		STK	3	ED	C 02480			4	4	10	26S	28E	587909	3546534*		12/31/1912	150	
C 02481		STK	3	ED	C 02481			1	1	14	26S	28E	588326	3546138*		12/31/1961	200	
C 02719		PRO	0	ED	C 02160 S		Shallow	1	1	2 14	26S	28E	589043	3546244*		01/01/1960	300	120
C 02924		STK	3	ED	C 02924		Shallow	1	3	2 11	26S	28E	589032	3547451*	08/31/2002	10/04/2002		
SP 00674		IRR	TBD	ED	C 02160		Shallow	4	1	2 14	26S	28E	589243	3546044*		12/01/1959	300	120
				ED	C 02160 S		Shallow	1	1	2 14	26S	28E	589043	3546244*		01/01/1960	300	120
				ED	C 02160 S-2			1	1	2 14	26S	28E	589043	3546244*				
				ED	C 02160 S-3			2	2	1 14	26S	28E	588834	3546241*				
				ED	C 02160 S-4			2	2	1 14	26S	28E	588834	3546241*				
				ED	C 02160 S-5			1	1	1 14	26S	28E	588225	3546237*				
				ED	C 02160 S-6			3	3	1 14	26S	28E	588232	3545635*				
				ED	C 02160 S-7			4	3	2 14	26S	28E	589249	3545642*				
				ED	C 02160 S-9		Shallow	3	3	2 02	26S	28E	589020	3548868*				
SP 00674 A		IRR	TBD	ED	C 02160		Shallow	4	1	2 14	26S	28E	589243	3546044*		12/01/1959	300	120
				ED	C 02160 S		Shallow	1	1	2 14	26S	28E	589043	3546244*		01/01/1960	300	120
				ED	C 02160 S-2			1	1	2 14	26S	28E	589043	3546244*				
				ED	C 02160 S-3			2	2	1 14	26S	28E	588834	3546241*				
				ED	C 02160 S-4			2	2	1 14	26S	28E	588834	3546241*				
				ED	C 02160 S-5			1	1	1 14	26S	28E	588225	3546237*				
				ED	C 02160 S-6			3	3	1 14	26S	28E	588232	3545635*				
				ED	C 02160 S-7			4	3	2 14	26S	28E	589249	3545642*				
				ED	C 02160 S-9		Shallow	3	3	2 02	26S	28E	589020	3548868*				

***UTM location was derived from PLSS - see Help**

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

WR File Nbr	Sub basin	Use	Diversion	County	POD Number	Grant	Source	q q q 6416 4	Sec	Twn	Rng	X	Y	Start Date	Finish Date	Depth Well	Depth Water
SP 00674 B		IRR	TBD	ED	C 02160		Shallow	4 1 2	14	26S	28E	589243	3546044*		12/01/1959	300	120
				ED	C 02160 S		Shallow	1 1 2	14	26S	28E	589043	3546244*		01/01/1960	300	120
				ED	C 02160 S-2			1 1 2	14	26S	28E	589043	3546244*				
				ED	C 02160 S-3			2 2 1	14	26S	28E	588834	3546241*				
				ED	C 02160 S-4			2 2 1	14	26S	28E	588834	3546241*				
				ED	C 02160 S-5			1 1 1	14	26S	28E	588225	3546237*				
				ED	C 02160 S-6			3 3 1	14	26S	28E	588232	3545635*				
				ED	C 02160 S-7			4 3 2	14	26S	28E	589249	3545642*				
				ED	C 02160 S-9		Shallow	3 3 2	02	26S	28E	589020	3548868*				
SP 00674 C		IRR	TBD	ED	C 02160		Shallow	4 1 2	14	26S	28E	589243	3546044*		12/01/1959	300	120
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				ED	C 02160 S-5			1 1 1	14	26S	28E	588225	3546237*				
				ED	C 02160 S-6			3 3 1	14	26S	28E	588232	3545635*				
				ED	C 02160 S-7			4 3 2	14	26S	28E	589249	3545642*				
				ED	C 02160 S-9		Shallow	3 3 2	02	26S	28E	589020	3548868*				

***UTM location was derived from PLSS - see Help**

Record Count: 58

POD Search:

POD Basin: Carlsbad

PLSS Search:

Section(s): 2, 3, 4, 9, 10, 11, 14, 15, 16 Township: 26S Range: 28E

Sorted by: File Number

marbob
energy corporation

August 18, 2009

Artesia Daily Press
P. O. Box 190
Artesia, NM 88211-0190

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,

Brian Collins
Petroleum Engineer

BC/dlw

enclosure

ARTESIA DAILY PRESS
LEGAL NOTICES

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 SRO 10 SWD#1, is located 1980' FNL 1980' FWL, Sec. 10, Township 26 South, Range 28 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 Devonian formation at a depth of 4300-5800' at a maximum surface pressure of 860 psi and a maximum rate of 5000 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 fifteen (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, New Mexico
_____, 2009.

marbob
energy corporation

August 11, 2009

New Mexico State Land Office
P. O. Box 1148
Santa Fe, NM 87504-1148

Re: Application to Inject
SRO 10 SWD #1
Township 26 South, Range 28 East, NMPM
Section 10: 1980 FNL 1980 FWL, Unit F
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

Post Office Box 227 • Artesia, New Mexico 88211-0227 • (575) 748-3303 • Fax (575) 746-2523

Affidavit of Publication

NO. 20832

STATE OF NEW MEXICO

County of Eddy:

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 September 1, 2009

Second Publication

Third Publication

Fourth Publication

Fifth Publication

Gary D. Scott

Subscribed and sworn to before me this

1 Day September 2009

OFFICIAL SEAL
Jo Morgan
NOTARY PUBLIC-STATE OF NEW MEXICO

My commission expires: 9/26/2012

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 SRO 10 SWD#1, is located 1980' FNL 1980' FWL, Sec. 10, Township 26 South, Range 28 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 4300-5800' at a maximum surface pressure of 960 psi and a maximum rate of 5000 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 fifteen (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 September 1, 2009.
Legal No. 20832

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Wednesday, September 16, 2009 9:05 AM
To: 'Brian Collins'
Cc: Ezeanyim, Richard, EMNRD; Reeves, Jacqueta, EMNRD
Subject: SWD application from Marbob: SRO 10 SWD #1 30-015-25864

Hello Brian:

You must have found the logs for this one – I see a resis log on the web site.

Only a notice question for this one:

The ½ mile Midland map shows Yates as lessee within ½ mile of this well. Please ask your Landman and let me know if Marbob is now the lessee (or controls the minerals) in the Delaware in this well and in the surrounding ½ mile including all the old Yates acreage?

Regards,

William V. Jones PE
New Mexico Oil Conservation Division
1220 South St. Francis
Santa Fe, NM 87505
505-476-3448

Jones, William V., EMNRD

From: Brian Collins [bcollins@marbob.com]
Sent: Wednesday, September 16, 2009 9:22 AM
To: Jones, William V., EMNRD
Cc: land@marbob.com
Subject: Re: SWD application from Marbob: SRO 10 SWD #1 30-015-25864

Will: Our land guys will send you an email explaining that we are operating all these leases. Thanks. --Brian Collins

----- Original Message -----
From: Jones, William V., EMNRD
To: Brian Collins
Cc: Ezeanyim, Richard, EMNRD ; Reeves, Jacqueta, EMNRD
Sent: Wednesday, September 16, 2009 9:05 AM
Subject: SWD application from Marbob: SRO 10 SWD #1 30-015-25864

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Regards,

William V. Jones PE
New Mexico Oil Conservation Division
1220 South St. Francis
Santa Fe, NM 87505
505-476-3448

Jones, William V., EMNRD

From: Ross Duncan [rduncan@marbob.com]
Sent: Wednesday, September 16, 2009 1:53 PM
To: Jones, William V., EMNRD
Cc: 'Brian Collins'
Subject: FW: SWD application from Marbob: SRO 10 SWD #1 30-015-25864

William:

Please see below for information regarding your questions to Brian Collins on the SRO 10 SWD #1 and SRO 5 SWD #1:

SRO 10 SWD #1 – We have YPC under a Joint Operating Agreement, Marbob as Operator, covering the lands and depths in question.

SRO 5 SWD #1 – We have YPC and Legend (Legend purchased OGX) under a Joint Operating Agreement, Marbob as Operator, covering the lands and depths in question.

Please let me know if you need anything else.

Thanks,
Marbob Energy Corporation

Ross Duncan

From: Brian Collins [mailto:bcollins@marbob.com]
Sent: Wednesday, September 16, 2009 9:57 AM
To: Ross Duncan
Subject: Fw: SWD application from Marbob: SRO 10 SWD #1 30-015-25864

----- Original Message -----
From: Jones, William V., EMNRD
To: Brian Collins
Cc: Ezeanyim, Richard, EMNRD ; Reeves, Jacqueta, EMNRD
Sent: Wednesday, September 16, 2009 9:05 AM
Subject: SWD application from Marbob: SRO 10 SWD #1 30-015-25864

Hello Brian:

You must have found the logs for this one – I see a resis log on the web site.

Only a notice question for this one:

The ½ mile Midland map shows Yates as lessee within ½ mile of this well. Please ask your Landman and let me know if Marbob is now the lessee (or controls the minerals) in the Delaware in this well and in the surrounding ½ mile including all the old Yates acreage?

Regards,

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

SRO 10 SWD #1
1980 FNL 1980 FWL
SEC. 10-T26S-R28E
EDDY COUNTY, NM

Proof of Notice of surface owner

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:

SEP 0 2 2009

NM STATE LAND OFFICE
P O BOX 1148
SANTA FE NM 87504-1148

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

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

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

AUG 28 2009

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

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7006 0810 0000 8979 6995

PS Form 3811, February 2004 DW Domestic Return Receipt SRO 10 102595-02-M-1540

Injection Permit Checklist (8/14/09)

Case _____ R-_____ SWD 1193 WFX_____ PMX_____ IPI_____ Permit Date 7/16/09 UIC Qtr J A S

Wells ___ Well Name: SRO 10 SWD #1 (Delaware River UNIT #3)

API Num: (30-) 015-25864 Spud Date: 1988 New/Old: N (UIC primacy March 7, 1982)

Footages 1980 FNL/1980 FWL Unit F Sec 10 Tsp 26S Rge 28E County Eddy

Operator: Marbob Energy Corp. Contact Bria Collins

OGRID: 14049 RULE 5.9 Compliance (Wells) 1/1276 (Finan Assur) OK ——— OK

Operator Address: PO Box 227, Artesia, NM 88211-0227

Current Status of Well: P & A

Planned Work to Well: Reenter/Run 5½"/Perf & Inject Planned Tubing Size/Depth: 2 7/8 @ 4250'

	Sizes Hole.....Pipe	Setting Depths	Cement Sx or Cf	Cement Top and Determination Method
Existing ___ Surface	12¼ 8⅝	600	370	CIRC
Existing ___ Intermediate				
~~Existing~~ ___ Long String	5½	5,850'	To Surface Planned	

Will BE New

~~DV Tool~~ ~~Liner~~ ~~Open Hole~~ Total Depth 5850

Well File Reviewed ✓

Diagrams: Before Conversion ___ After Conversion ___ Elogs in Imaging File: ~~No Logs - See offset well~~

Intervals:	Depths	Formation	Producing (Yes/No)
Above (Name and Top)			
Above (Name and Top)	2550	Top Del	
Injection..... Interval TOP:	4300	Del Chery	no
Injection..... Interval BOTTOM:	5,800	Del Brushy	no
Below (Name and Top)			

880 PSI Max. WHIP

___ ~~Open Hole (Y/N)~~

___ ~~Deviated Hole?~~

Sensitive Areas: ~~Capitan Reef~~ ___ ~~Cliff House~~ ___ Salt Depths 1805 - 2360

.... ~~Potash Area (R-111-P)~~ ___ ~~Potash Lessee~~ ___ ~~Noticed?~~

Fresh Water: Depths: 0-600' ✓ Wells 1 Analysis? Yes Affirmative Statement ✓

Disposal Fluid Sources: Del/BS Analysis?

Disposal Interval Production Potential/Testing/Analysis Analysis: Was Dry Hole to 5,850'

Notice: Newspaper(Y/N)____ Surface Owner SLO ✓ Mineral Owner(s)____

RULE 26.7(A) Affected Parties: Yates / Allar G.

Area of Review: Adequate Map (Y/N) ✓ and Well List (Y/N) ✓

Active Wells 0 Num Repairs — Producing in Injection Interval in AOR no

..P&A Wells 1 Num Repairs 0 All Wellbore Diagrams Included? Yes

Questions to be Answered:

offset mineral owners noticed?

Required Work on This Well: _____ Request Sent _____ Reply: _____

AOR Repairs Needed: _____ Request Sent _____ Reply: _____

_____ Request Sent _____ Reply: _____