

ABOVE THIS LINE FOR DIVISION USE ONLY

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



ADMINISTRATIVE APPLICATION CHECKLIST

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

Application Acronyms:

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

[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		Engineer	12/12/07
Print or Type Name	Signature	Title	Date
		engineering@marbob.com	
		e-mail Address	

RECEIVED
 2007 DEC 17 AM 11:41

Copies of registered and copy of affidavit of publication will be sent to OCD as soon as we receive them.

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: Brian Collins PHONE: 505-748-3303

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).

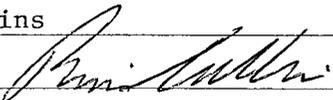
*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

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: Brian Collins TITLE: Engineer

SIGNATURE:  DATE: 12 Dec 07

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: _____

Application for Authorization to Inject
Double Trouble SWD #1
Unit C, Section 3-T21S-R25E (Bottom Hole)

Marbob Energy proposes to convert the captioned well to SWD purposes. This well is a directional well. See comments on attached Injection Well Data Sheet.

- V. Map is attached.
- VI. Wellbore schematics are attached for wells penetrating the proposed injection zone within, and just outside of, the ½ mile radius area of review.
- VII.
 1. Proposed average daily rate = 5000 BWPD
Proposed maximum daily rate = 20,000 BWPD
 2. Proposed maximum injection pressure = 1584 psi (0.2 psi/ft x 7922' TVD)
 3. System is closed.
 4. Source of injection fluid will be Upper Penn produced water. Water analysis is attached
 5. Upper Penn produced water will be injected into the Wolfcamp and Upper Penn. There will be no compatibility problems.
- VIII. The injection zone is the Wolfcamp Lime from 7922' TVD to 7930' TVD and the Upper Penn Dolomite from 8133' TVD to 8693' TVD and is composed of lime and dolomite. Underground sources of drinking water will be shallower than 1500 feet deep.
- IX. The proposed injection zone will be acidized with 25,000 gallons 20% HCL acid if necessary.
- X. Logs are filed with the Division. Neutron Density sections across proposed SWD interval are attached. (Measured depth and true vertical depth.)
- XI. There is one fresh water well within 1 mile of the proposed SWD well. This well supplies water to two ranch houses and is located in Unit S, Sec. 3-T21S-R25E. Water analysis is attached. Also attached is a water analysis from the Pecos River located 1.5 miles east of proposed SWD.
- XII. After examining available geologic and engineering data, there is no evidence 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

Side 1

OPERATOR: Marbob Energy Corp

WELL NAME & NUMBER: Double Trouble SWD No. 1 (Double Trouble Fed Com. 1)

WELL LOCATION: Surface: 940' FNL, 791' FEL
Bottom Hole: 791' FNL, 1860' FWL

UNIT LETTER: A SECTION: 3 TOWNSHIP: 21S RANGE: 25E

FOOTAGE LOCATION

WELLBORE SCHEMATIC

See attached "Before" & "After" schematics.

Note: This well is a directional well drilled as an "S" curve to the target bottom hole location. The well is vertical from the Canyon section to TD. Directional survey is attached. The 1/2 mile radius area of review is centered on the bottom hole location near base of Canyon formation (9400' MD).

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12 1/4" Casing Size: 7 5/8" @ 1693'

Cemented with: 750 sx. or - ft³

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: 8 3/4" Casing Size: 7" @ 9608'

Cemented with: 1550 sx. or - ft³

Top of Cement: Surface Method Determined: Circulated

Production Casing

Hole Size: 6 1/8" Casing Size: 4 1/2" 9500-11320'

Cemented with: 175 sx. or - ft³

Top of Cement: 9579' Method Determined: Circulated off of DV tool @ 9579'

Total Depth: 11320' MD

Injection Interval

8570' MD feet to 9340' MD

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 3 1/2" Lining Material: Plastic or Duoline
 Type of Packer: 10K retrievable double grip nickel plated
 Packer Setting Depth: ± 8525'
 Other Type of Tubing/Casing Seal (if applicable): N/A

Additional Data

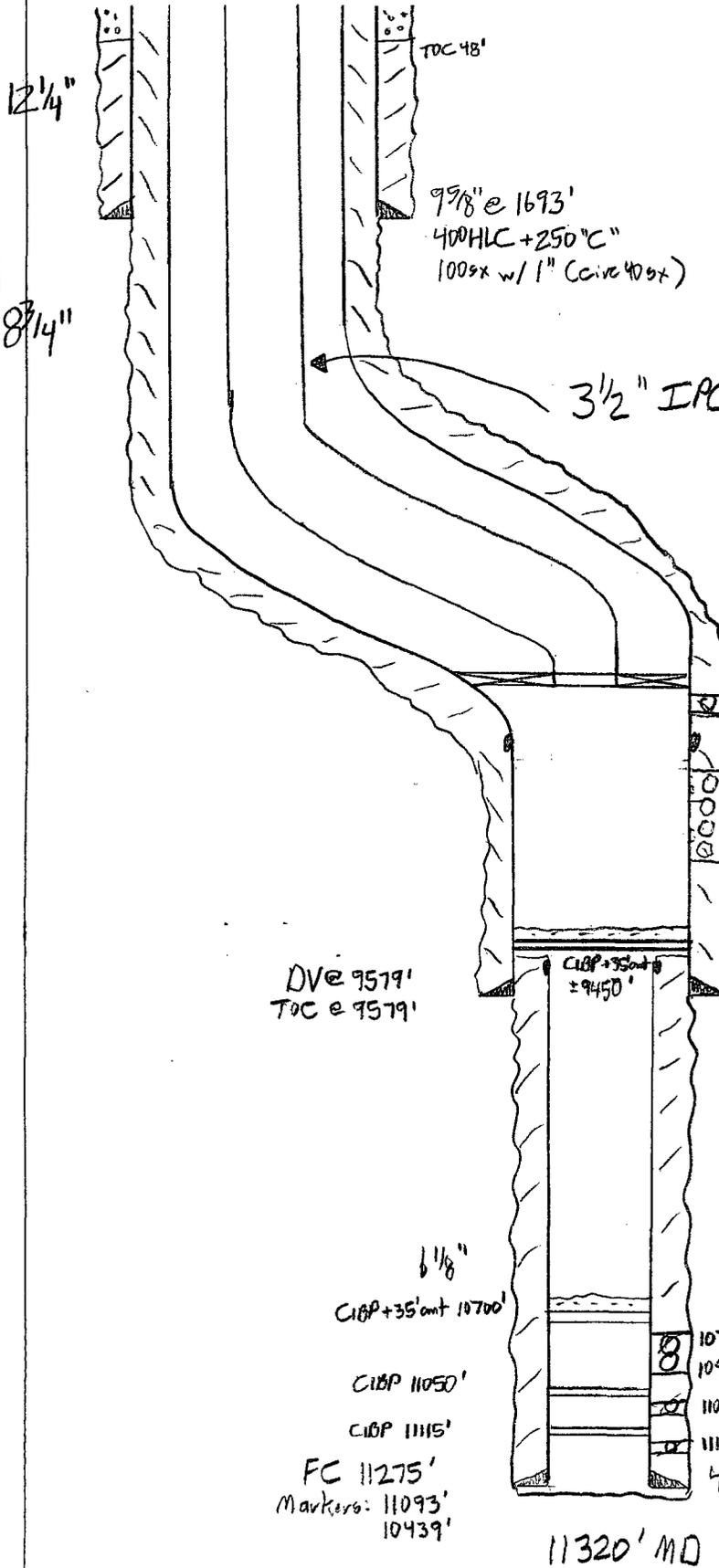
1. Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? Oil & Gas
2. Name of the Injection Formation: Canyon, Wolfcamp
3. Name of Field or Pool (if applicable): Springs Upper Penn
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.
See attached wellbore schematic
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:
Overlying: Delaware 2550'±
Underlying: Strawn 9300'± Morrow 10,000'±

Double Trouble SWD No. 1

Surface: 940' FNL, 791' FEL Lot 1
 Canyon BHL: 791' FNL, 1860' FNL Lot 3
 3-215-25e
 Eddy NM
 30-015-33931

Zero: 17' AGL
 H/B: 3315'
 GL: 3298'

Size	WT	Gr	Conn	Depth
9 5/8"	36	J55	STC	1693'
7"	23	L80	LTC	3233'
	23	M95-110	LTC	9608'
4 1/2"	11.6	M75-110	LTC	11320'
2 7/8"	6.5	J55	EVE	



Inj. Pkr ± 8525' MD
 8570-78' (18) Wolfcamp Lm
 DV 8602' MD
 8730' Canyon Dolo
 9340'
 4 1/2" cut & pulled 19500' 1st: 150 Super H (Circ 155x)
 7" e 9608' MD 2nd: 1200 Inlet H + 200 H (Circ 1575x)

DVE 9579'
 TOC e 9579'

6 1/8"
 CIBP + 35' ant 10700'
 CIBP 11050'
 CIBP 11115'
 FC 11275'
 Markers: 11093'
 10439'

10766' (84)
 10959'
 11085-87' (6)
 11137-39' (6)
 4 1/2" e 11320'
 11320' MD

AFTER CONVERSION

Mrrw

175sx Super H

50 SHEETS 5 SQUARE
 100 SHEETS 5 SQUARE
 200 SHEETS 5 SQUARE
 42-391 100 RECYCLED WHITE 5 SQUARE
 42-392 200 RECYCLED WHITE 5 SQUARE
 42-393 200 RECYCLED WHITE 5 SQUARE
 MADE IN U.S.A.



Directional Survey

Company: Marbob Energy Date: 4/28/2005 Time: 09:55:15 Page: 1
 Field: Double Trouble Fed Com #1 Co-ordinate(NE) Reference: Well: Double Trouble Fed Com #1
 Site: Section 3, T-21S, R-25E Vertical (TVD) Reference: SITE 0.0
 Well: Double Trouble Fed Com #1 Section (VS) Reference: Well (0.00N;0.00E;276.37Azi)
 Wellpath: Gyro Survey Survey Calculation Method: Minimum Curvature Db: Sybase

Field: Double Trouble Fed Com #1

Map System: US State Plane Coordinate System 1927
 Geo Datum: NAD27 (Clarke 1866)
 Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
 Coordinate System: Well Centre
 Geomagnetic Model: igrf2005

Site: Section 3, T-21S, R-25E

Eddy County, New Mexico

Site Position: Northing: 552835.60 ft Latitude: 32 31 11.450 N
 From: Geographic Easting: 486701.46 ft Longitude: 104 22 35.320 W
 Position Uncertainty: 0.00 ft North Reference: True
 Ground Level: 3298.00 ft Grid Convergence: -0.02 deg

Well: Double Trouble Fed Com #1

Slot Name:

Well Position: +N/-S 0.00 ft Northing: 552835.60 ft Latitude: 32 31 11.450 N
 +E/-W 0.00 ft Easting: 486701.46 ft Longitude: 104 22 35.320 W
 Position Uncertainty: 0.00 ft

Wellpath: Gyro Survey

Drilled From: Surface
 Tie-on Depth: 0.00 ft
 Above System Datum: Mean Sea Level
 Declination: 8.65 deg
 Mag Dip Angle: 60.47 deg

Current Datum: SITE Height 0.00 ft
 Magnetic Data: 3/29/2005
 Field Strength: 49362 nT
 Vertical Section: Depth From (TVD) +N/-S
 ft ft
 0.00 0.00

Survey: PathFinder MWD Surveys

Start Date: 4/4/2005

Company: PathFinder Energy Services
 Tool:

Engineer: Ron McIntyre
 Tied-to: From: Definitive Path

Survey: PathFinder MWD Surveys

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
1960.00	0.56	260.40	1959.93	8.20	-7.96	8.82	0.00	0.00	0.00	Tie-In to Gyro Begin PathFinder MWD Sur
2020.00	1.76	276.89	2019.92	8.26	-9.16	10.02	2.06	2.00	27.48	
2094.00	3.25	291.57	2093.85	9.17	-12.24	13.18	2.18	2.01	19.84	
2157.00	4.57	291.48	2156.70	10.74	-16.24	17.33	2.10	2.10	-0.14	
2221.00	5.72	285.33	2220.44	12.52	-21.68	22.94	1.99	1.80	-9.61	
2281.00	6.86	284.71	2280.08	14.22	-28.03	29.44	1.90	1.90	-1.03	
2345.00	8.09	279.97	2343.54	15.97	-36.17	37.72	2.15	1.92	-7.41	
2409.00	8.65	279.70	2406.85	17.56	-45.35	47.01	0.88	0.87	-0.42	
2472.00	10.82	279.88	2468.94	19.37	-55.84	57.65	3.44	3.44	0.29	
2536.00	10.73	276.45	2531.82	21.07	-67.68	69.60	1.01	-0.14	-5.36	
2599.00	11.61	276.36	2593.62	22.44	-79.81	81.81	1.40	1.40	-0.14	
2666.00	12.75	277.95	2659.11	24.20	-93.83	95.94	1.77	1.70	2.37	
2729.00	13.54	274.96	2720.46	25.80	-108.07	110.26	1.65	1.25	-4.75	
2793.00	14.77	275.05	2782.52	27.17	-123.66	125.91	1.92	1.92	0.14	
2857.00	15.83	275.13	2844.25	28.67	-140.48	142.79	1.66	1.66	0.12	
2920.00	16.53	274.96	2904.75	30.21	-157.96	160.34	1.11	1.11	-0.27	
2984.00	17.15	275.49	2966.01	31.90	-176.43	178.88	1.00	0.97	0.83	
3047.00	17.59	274.70	3026.13	33.57	-195.16	197.68	0.79	0.70	-1.25	
3111.00	18.73	273.38	3086.95	34.97	-215.06	217.61	1.89	1.78	-2.06	
3175.00	19.52	272.23	3147.41	35.99	-236.00	238.54	1.37	1.23	-1.80	
3238.00	20.31	270.74	3206.65	36.54	-257.45	259.92	1.49	1.25	-2.37	
3302.00	21.37	272.06	3266.46	37.10	-280.21	282.60	1.81	1.66	2.06	
3365.00	22.34	272.15	3324.93	37.97	-303.65	305.98	1.54	1.54	0.14	
3429.00	23.21	273.29	3383.94	39.15	-328.39	330.71	1.52	1.36	1.78	

Company: Marbob Energy	Date: 4/28/2005	Time: 09:55:15	Page: 2
Field: Double Trouble Fed Com #1	Co-ordinate(NE) Reference: Well: Double Trouble Fed Com #1		
Site: Section 3, T-21S, R-25E	Vertical (TVD) Reference: SITE 0.0		
Well: Double Trouble Fed Com #1	Section (VS) Reference: Well (0.00N,0.00E,276.37Azi)		
Wellpath: Gyro Survey	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: PathFinder MWD Surveys

MD ft	Incl. deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
3493.00	23.74	274.43	3442.64	40.86	-353.83	356.18	1.09	0.83	1.78	
3556.00	24.27	273.38	3500.19	42.61	-379.40	381.78	1.08	0.84	-1.67	
3620.00	25.06	272.23	3558.35	43.91	-406.07	408.44	1.44	1.23	-1.80	
3683.00	26.12	272.59	3615.17	45.06	-433.26	435.58	1.70	1.68	0.57	
3747.00	27.35	274.96	3672.33	46.96	-461.98	464.34	2.54	1.92	3.70	
3811.00	28.40	274.61	3728.91	49.46	-491.80	494.25	1.66	1.64	-0.55	
3874.00	29.19	273.82	3784.12	51.69	-522.06	524.57	1.39	1.25	-1.25	
3938.00	29.90	271.88	3839.79	53.25	-553.58	556.07	1.86	1.11	-3.03	
4001.00	30.60	271.27	3894.22	54.12	-585.30	587.69	1.21	1.11	-0.97	
4065.00	31.13	273.02	3949.15	55.35	-618.11	620.43	1.63	0.83	2.73	
4127.00	32.36	271.44	4001.88	56.61	-650.70	652.97	2.39	1.98	-2.55	
4190.00	33.06	271.97	4054.89	57.63	-684.73	686.90	1.20	1.11	0.84	
4253.00	33.33	271.71	4107.61	58.74	-719.21	721.28	0.48	0.43	-0.41	
4317.00	33.59	271.71	4161.00	59.79	-754.48	756.45	0.41	0.41	0.00	
4381.00	33.59	271.36	4214.31	60.74	-789.87	791.73	0.30	0.00	-0.55	
4445.00	33.33	270.74	4267.71	61.38	-825.15	826.87	0.67	-0.41	-0.97	
4508.00	32.98	269.77	4320.45	61.54	-859.61	861.13	1.01	-0.56	-1.54	
4572.00	32.98	268.89	4374.14	61.13	-894.44	895.70	0.75	0.00	-1.37	
4635.00	33.68	267.31	4426.78	59.98	-929.03	929.95	1.77	1.11	-2.51	
4699.00	34.21	268.98	4479.87	58.83	-964.75	965.32	1.68	0.83	2.61	
4763.00	34.65	269.33	4532.66	58.29	-1000.93	1001.22	0.75	0.69	0.55	
4826.00	35.00	269.42	4584.37	57.90	-1036.91	1036.93	0.56	0.56	0.14	
4890.00	35.26	270.04	4636.72	57.73	-1073.73	1073.51	0.69	0.41	0.97	
4953.00	35.00	268.81	4688.24	57.37	-1109.98	1109.49	1.20	-0.41	-1.95	
5017.00	35.00	270.98	4740.67	57.30	-1146.69	1145.96	1.94	0.00	3.39	
5080.00	35.53	270.65	4792.11	57.82	-1183.06	1182.17	0.89	0.84	-0.52	
5144.00	35.35	270.83	4844.25	58.29	-1220.16	1219.10	0.33	-0.28	0.28	
5208.00	35.00	271.18	4896.56	58.94	-1257.03	1255.80	0.63	-0.55	0.55	
5271.00	34.56	271.00	4948.31	59.62	-1292.96	1291.59	0.72	-0.70	-0.29	
5335.00	34.03	271.00	5001.18	60.25	-1329.01	1327.49	0.83	-0.83	0.00	
5399.00	33.68	271.80	5054.33	61.12	-1364.65	1363.01	0.89	-0.55	1.25	
5462.00	33.85	271.71	5106.70	62.20	-1399.65	1397.91	0.28	0.27	-0.14	
5526.00	33.50	272.94	5159.97	63.63	-1435.11	1433.31	1.20	-0.55	1.92	
5590.00	33.06	271.27	5213.47	64.93	-1470.20	1468.33	1.59	-0.69	-2.61	
5653.00	32.98	270.21	5266.29	65.37	-1504.53	1502.49	0.93	-0.13	-1.68	
5717.00	32.98	267.75	5319.98	64.75	-1539.35	1537.03	2.09	0.00	-3.84	
5780.00	32.62	266.87	5372.94	63.15	-1573.44	1570.73	0.95	-0.57	-1.40	
5844.00	33.41	268.72	5426.61	61.81	-1608.28	1605.21	2.00	1.23	2.89	
5907.00	33.68	268.89	5479.11	61.09	-1643.09	1639.72	0.45	0.43	0.27	
5971.00	33.33	269.60	5532.48	60.62	-1678.41	1674.78	0.82	-0.55	1.11	
6034.00	33.06	268.45	5585.20	60.04	-1712.90	1708.99	1.09	-0.43	-1.83	
6098.00	32.54	270.30	5639.00	59.65	-1747.56	1743.39	1.76	-0.81	2.89	
6161.00	32.08	270.04	5692.24	59.75	-1781.24	1776.87	0.76	-0.73	-0.41	
6228.00	32.54	271.62	5748.87	60.28	-1817.04	1812.51	1.44	0.69	2.36	
6292.00	33.33	272.41	5802.58	61.50	-1851.81	1847.21	1.40	1.23	1.23	
6355.00	34.47	273.82	5854.88	63.42	-1886.90	1882.28	2.20	1.81	2.24	
6419.00	33.85	276.63	5907.84	66.68	-1922.68	1918.20	2.65	-0.97	4.39	
6482.00	33.33	280.85	5960.32	71.97	-1957.11	1953.01	3.80	-0.83	6.70	
6546.00	33.24	280.23	6013.82	78.39	-1991.64	1988.04	0.55	-0.14	-0.97	
6609.00	32.45	280.41	6066.75	84.51	-2025.26	2022.13	1.26	-1.25	0.29	
6673.00	31.30	280.23	6121.10	90.57	-2058.50	2055.84	1.80	-1.80	-0.28	
6737.00	30.25	278.83	6176.09	96.00	-2090.80	2088.54	1.99	-1.64	-2.19	
6800.00	29.81	278.30	6230.63	100.69	-2121.97	2120.04	0.82	-0.70	-0.84	

PathFinder
Survey Report

Company: Marbob Energy	Date: 4/28/2005	Time: 09:55:15	Page: 3
Field: Double Trouble Fed Com #1	Co-ordinate(NE) Reference: Well: Double Trouble Fed Com #1		
Site: Section 3, T-21S, R-25E	Vertical (TVD) Reference: SITE 0.0		
Well: Double Trouble Fed Com #1	Section (VS) Reference: Well (0.00N,0.00E,276.37Azi)		
Wellpath: Gyro Survey	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: PathFinder MWD Surveys

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6864.00	28.40	278.04	6286.55	105.12	-2152.79	2151.16	2.21	-2.20	-0.41	
6927.00	27.44	276.80	6342.22	108.93	-2182.04	2180.65	1.78	-1.52	-1.97	
6991.00	25.94	275.66	6399.40	112.06	-2210.61	2209.39	2.48	-2.34	-1.78	
7055.00	24.97	274.61	6457.18	114.52	-2238.00	2236.89	1.67	-1.52	-1.64	
7118.00	24.62	273.64	6514.37	116.43	-2264.36	2263.29	0.85	-0.56	-1.54	
7184.00	22.69	273.82	6574.83	118.15	-2290.78	2289.74	2.93	-2.92	0.27	
7247.00	21.37	273.64	6633.23	119.69	-2314.36	2313.35	2.10	-2.10	-0.29	
7311.00	19.79	273.73	6693.14	121.13	-2336.81	2335.82	2.47	-2.47	0.14	
7375.00	18.82	273.82	6753.54	122.52	-2357.92	2356.96	1.52	-1.52	0.14	
7438.00	17.59	272.15	6813.39	123.56	-2377.57	2376.60	2.12	-1.95	-2.65	
7501.00	17.50	272.41	6873.45	124.31	-2396.55	2395.55	0.19	-0.14	0.41	
7565.00	16.62	273.73	6934.64	125.31	-2415.30	2414.29	1.50	-1.37	2.06	
7628.00	15.83	274.52	6995.13	126.58	-2432.86	2431.88	1.30	-1.25	1.25	
7692.00	14.60	273.64	7056.88	127.78	-2449.61	2448.66	1.96	-1.92	-1.37	
7756.00	14.07	274.61	7118.89	128.91	-2465.41	2464.49	0.91	-0.83	1.52	
7819.00	13.28	273.29	7180.11	129.95	-2480.27	2479.37	1.35	-1.25	-2.10	
7883.00	12.66	272.76	7242.47	130.70	-2494.61	2493.71	0.99	-0.97	-0.83	
7946.00	11.61	274.08	7304.06	131.49	-2507.83	2506.94	1.72	-1.67	2.10	
8010.00	10.90	277.95	7366.83	132.78	-2520.25	2519.42	1.62	-1.11	6.05	Last PathFinder MWD Survey
8220.00	8.60	278.15	7573.79	137.76	-2555.46	2554.97	1.10	-1.10	0.10	Begin Single Shot Surveys
8435.00	5.30	272.95	7787.18	140.55	-2581.30	2580.95	1.56	-1.53	-2.42	
8626.00	3.40	289.05	7977.63	142.85	-2595.46	2595.29	1.17	-0.99	8.43	
8824.00	3.01	282.32	8175.32	145.88	-2606.09	2606.19	0.27	-0.20	-3.40	
9020.00	2.50	279.69	8371.09	147.69	-2615.33	2615.57	0.27	-0.26	-1.34	
9210.00	2.05	274.88	8560.94	148.68	-2622.80	2623.11	0.26	-0.24	-2.53	
9400.00	1.98	273.66	8750.82	149.18	-2629.47	2629.78	0.04	-0.04	-0.64	Last SS Survey

Annotation

MD ft	TVD ft	
1960.00	1959.93	Tie-In to Gyro
2020.00	2019.92	Begin PathFinder MWD Surveys
8010.00	7366.83	Last PathFinder MWD Survey
8220.00	7573.79	Begin Single Shot Surveys
9400.00	8750.82	Last SS Survey

Marbob Energy Corporation

Double Trouble Fed Com #1 Section 3, T21-S, R25-E Eddy County, New Mexico Single Shot Surveys

COMPANY DETAILS

Marbob Energy
2208 W. Main St.
Artesia, New Mexico

Calculation Method: Minimum Curvature
Error System: Systematic Ellipse
Scan Method: Closest Approach 3D
Error Surface: Elliptical Conic
Warning Method: Error Ratio



WELLPATH DETAILS

Gyro Survey
Rig: Patriot #3
Ref. Datum: SITE 0.00ft
V. Section Angle: 276.37°
Origin +N/-S: 0.00
Origin +E/-W: 0.00
Starting From TVD: 0.00

WELL DETAILS

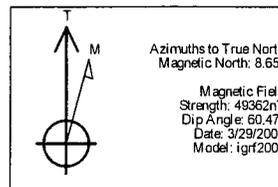
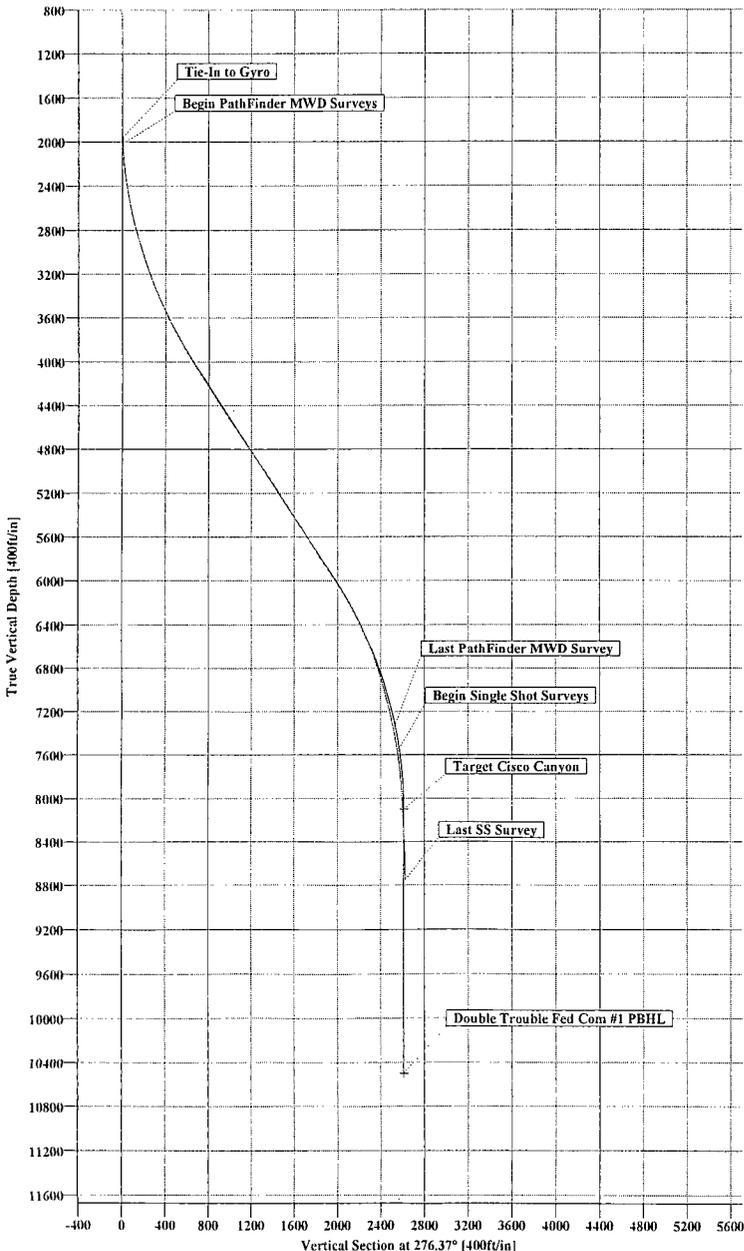
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Double Trouble Fed Com #1	0.00	0.00	552835.60	486701.46	32°31'11.450N	104°22'35.320W	N/A

Survey: PathFinder MWD Surveys (Double Trouble Fed Com #1/Gyro Survey)

No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
96	8010.00	10.90	277.95	7366.83	132.78	-2520.25	1.62	135.11	2519.42
97	8220.00	8.60	278.15	7573.79	137.76	-2555.46	1.10	179.25	2554.97
98	8435.00	5.30	272.95	7787.18	140.55	-2581.30	1.56	-171.78	2580.95
99	8626.00	3.40	289.05	7977.63	142.85	-2595.46	1.17	155.12	2595.29
100	8824.00	3.01	282.32	8175.32	145.88	-2606.09	0.27	-139.35	2606.19
101	9020.00	2.50	279.69	8371.09	147.69	-2615.33	0.27	-167.39	2615.57
102	9210.00	2.05	274.88	8560.94	148.68	-2622.80	0.26	-159.40	2623.11
103	9400.00	1.98	273.66	8750.82	149.18	-2629.47	0.04	-149.11	2629.78

ANNOTATIONS

No.	TVD	MD	Annotation
1	1959.93	1960.00	Tie-In to Gyro
2	2019.92	2020.00	Begin PathFinder MWD Surveys
3	7366.83	8010.00	Last PathFinder MWD Survey
4	7573.79	8220.00	Begin Single Shot Surveys
5	8750.82	9400.00	Last SS Survey

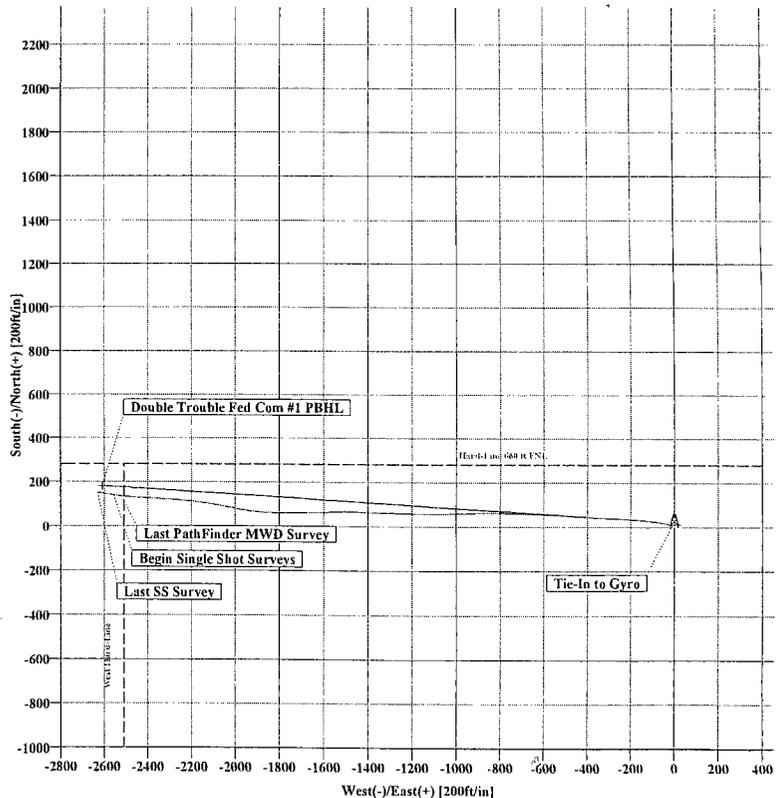


SITE DETAILS

Section 3, T-21S, R-25E
Eddy County, New Mexico
Site Centre Latitude: 32°31'11.450N
Longitude: 104°22'35.320W
Ground Level: 3298.00
Positional Uncertainty: 0.00
Convergence: -0.02

LEGEND

- Plan #3 040505
- Section 3, T-21S, R-25E, Double Trouble Fed Com #1, Gyro Survey
- PathFinder MWD Surveys



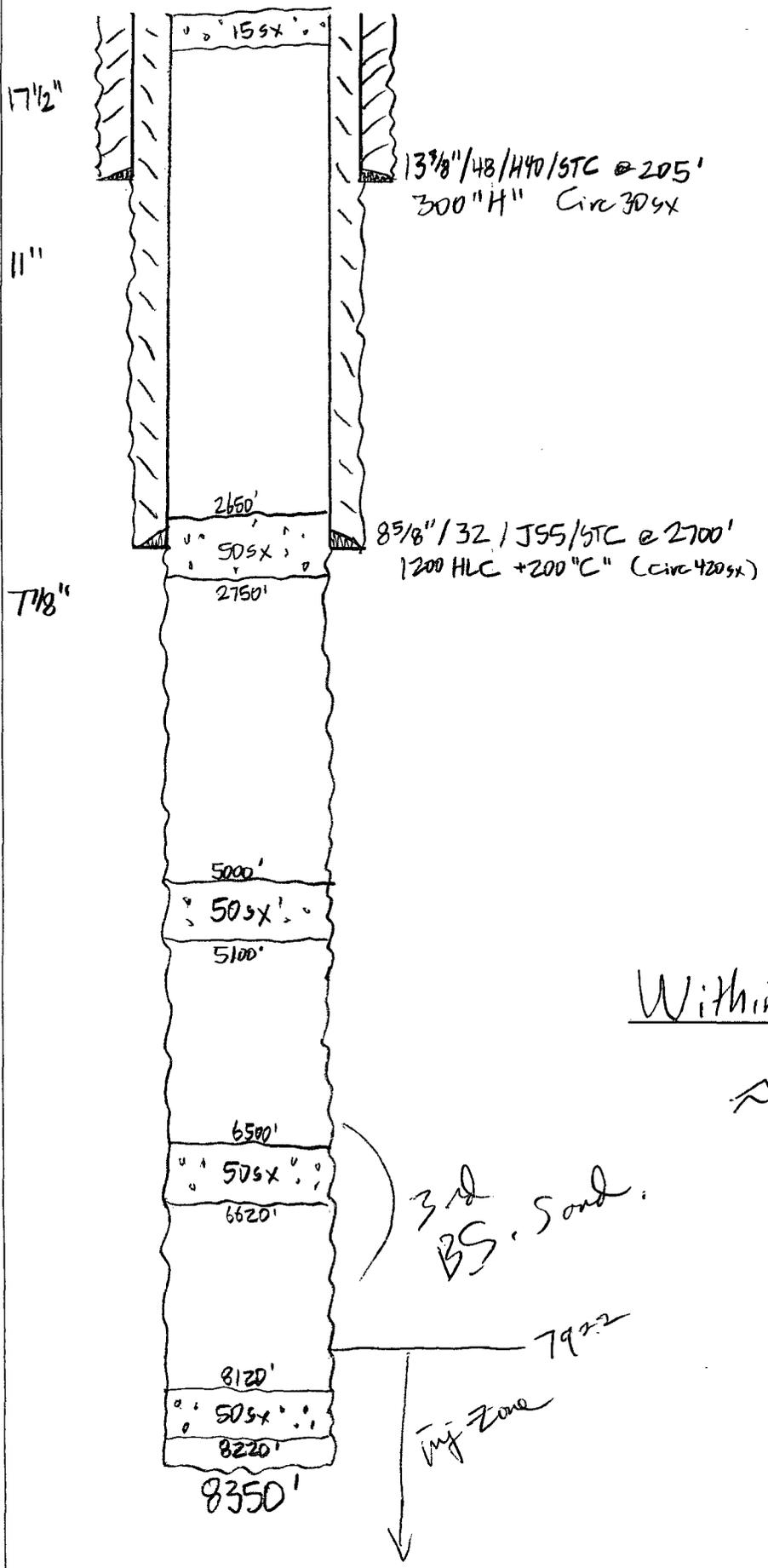
V.

MAP

VI.

Wells Within 1/2 Mile Area of Review

Federal Gas Com. I
 1849' FWL, 1919' FWL
 F-3-219-25c
 Eddy, NM
 30-015-20158



Within Area of Review
 ≈ 1/4 mile away

3rd BS. Sand.

792.2

inj zone

13,782
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 42,387
 42,388
 42,389
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 50 SHEETS EYE-EASE 5 SQUARE
 100 SHEETS EYE-EASE 5 SQUARE
 100 SHEETS EYE-EASE 5 SQUARE
 100 RECYCLED WHITE 5 SQUARE
 200 RECYCLED WHITE 5 SQUARE
 Made in U.S.A.

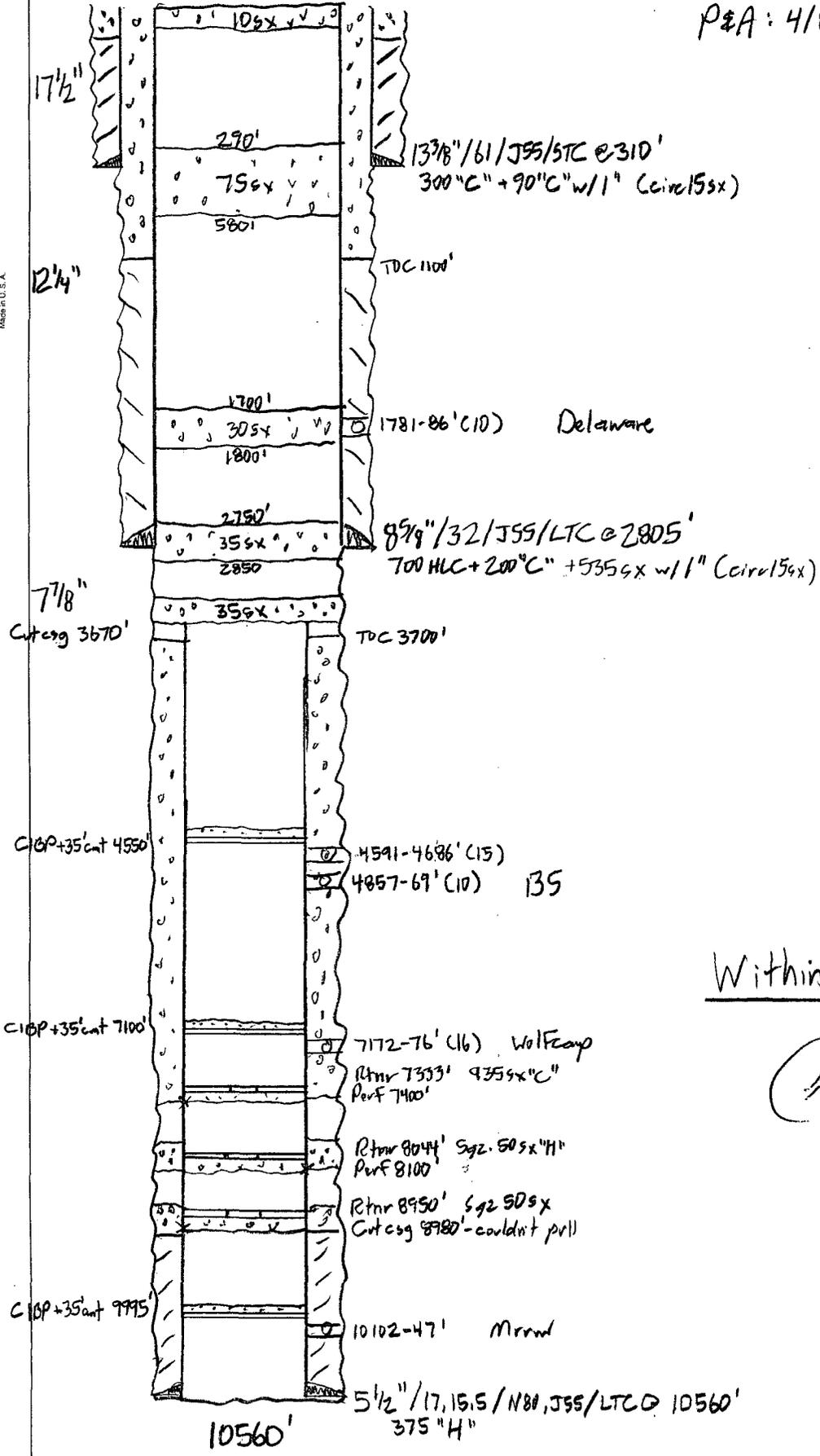


Springs AEU Federal No. 1

1960' FNL, 1550' FEL
 G (Lot T) - Sec. 3 - 21s - 25e
 Eddy, NM
 30-015-25865

P&A: 4/88

13-782 500 SHEETS, FILLER 5 SQUARE
 42-381 50 SHEETS, WEAS 5 SQUARE
 42-382 100 SHEETS, WEAS 5 SQUARE
 42-383 200 SHEETS, WEAS 5 SQUARE
 42-384 100 SHEETS, WEAS 5 SQUARE
 42-385 100 RECYCLED WHITE 5 SQUARE
 42-386 200 RECYCLED WHITE 5 SQUARE
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 42-400 200 RECYCLED WHITE 5 SQUARE
 Made in U.S.A.



Within Area of Review

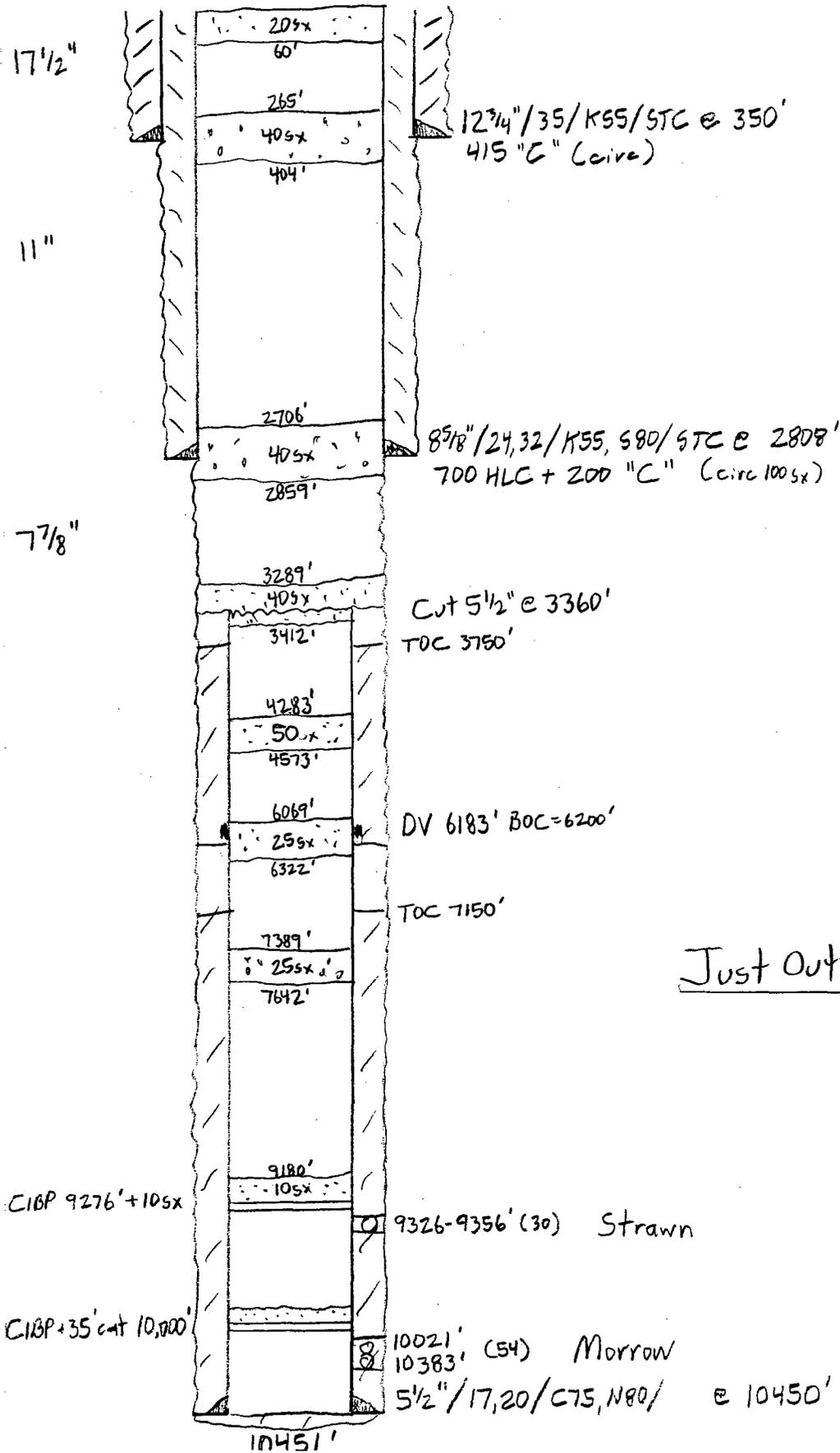
(≈ 2600' away)

VI.

Wells Just Outside 1/2 Mile Area of Review

Federal 33-1

1980' FSL, 690' FEL
 I-33-205-26e
 Eddy, NM



Just Outside Area of Review

1st: 375 HLC + 300 H
 2nd: 550 H

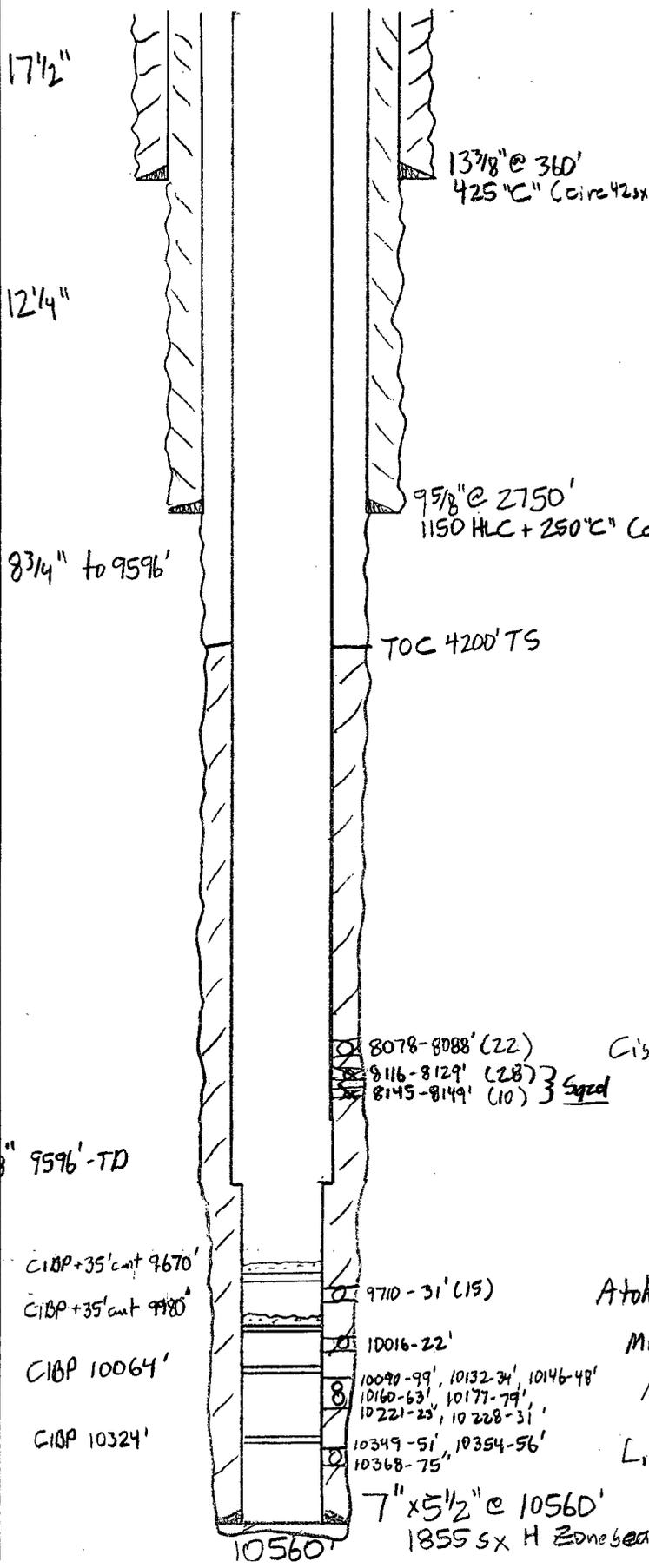
Dry Land Shiner Fed Com. 1

940' FNL, 660' FEL
 A - 3 - 216 - 250
 Eddy, NM

Zero: 17' AGL
 KB: 3315'
 GL: 3298'

Size	Wt	Gr	Conn	Depth
13 7/8"	48	H40	STC	360'
9 5/8"	36	J55	STC	2750'
7"	23	L80	LTC	6755'
	23	Mar 95	LTC	8998'
5 1/2"	17	P110	LTC	10560'

13-782 500 SHEETS, FULLER 6 SQUARE
 42-380 100 SHEETS, FULLER 6 SQUARE
 42-380 100 SHEETS, FULLER 6 SQUARE
 42-389 200 SHEETS, EYE-GLASS 6 SQUARE
 42-392 100 RECYCLED WHITE 6 SQUARE
 42-399 200 RECYCLED WHITE 6 SQUARE
 Memphis, TN



Just Outside Area of Review

8078-8088' (22) Cisco
 8116-8129' (28) Sycd
 8145-8149' (10) Sycd

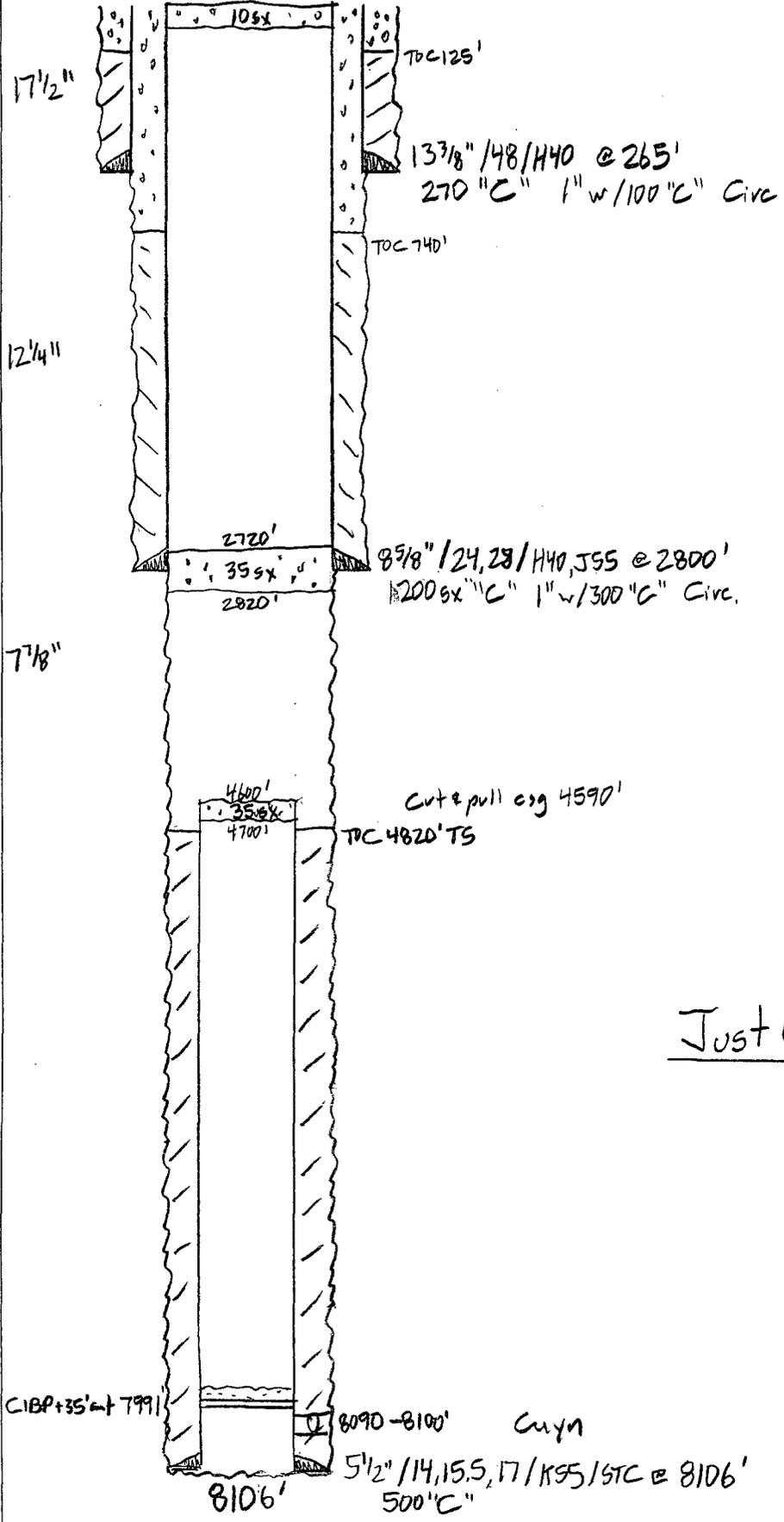
Atoka
 Mrrw Fractured Zone
 Mrrw
 L₁ Mrrw

Fl
 Se

HBCollins / 16 Mar 04

Springs Unit 4
 1000' FNL, 660' FEL
 H-3-219.21e
 Eddy NM
 30-015-20294

500 SHEETS, FULLER'S SQUARE
 500 SHEETS, FULLER'S SQUARE
 100 SHEETS, EYE-EASE
 100 SHEETS, EYE-EASE
 200 SHEETS, EYE-EASE
 100 RECYCLED WHITE
 200 RECYCLED WHITE
 MADE IN U.S.A.



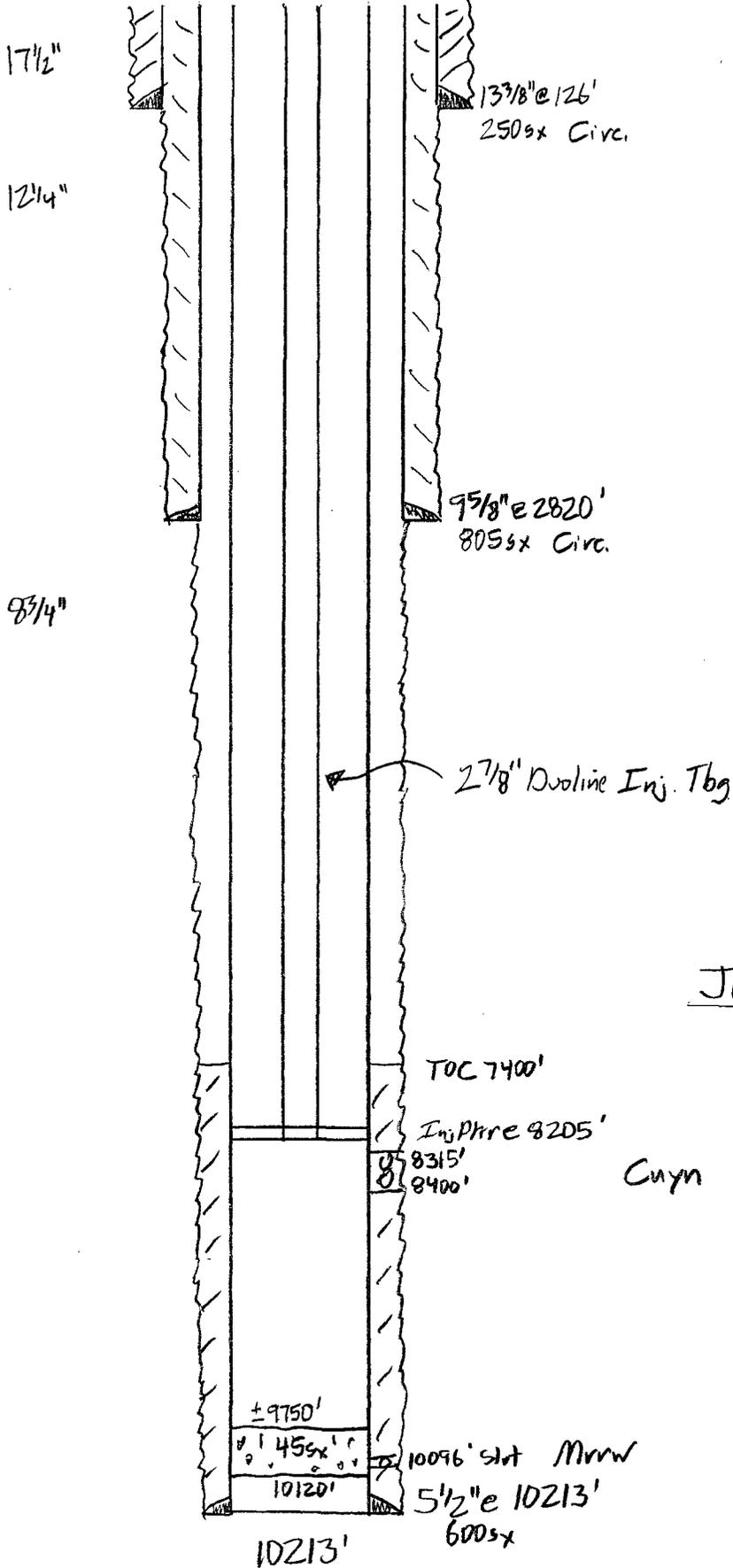
Spring SWD No. 1

600' FNL, 830' FEL

A-4-21g-25e

Eddy, NM

30-015-00129



Just Outside of Area of Review

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Made in U.S.A.

VII.

Water Analysis of Injection and Produced Water



*Water Analysis of Produced & Receiving
Formation Water in Springs Area
Mobile Analytical Laboratories*

LABORATORIES IN ODESSA, GIDDINGS & STACY DAM
WEST UNIVERSITY AND WESTOVER STREET
P.O. BOX 68210
ODESSA, TEXAS 79760-0210
PHONE (915) 337-4744
FAX (915) 337-8781

N/S.F.S. OPERTATING INC.
SJ CATHY
BOX 250
SIA, NEW MEXICO 88210

SAMPLE RECEIVED : 02-26-2002
ANALYSIS COMPLETED: 03-01-2002
LAB NUMBER : 294

LE SOURCE: LEVERS 2 FED #1 *Sec. 2-21s-25e Upper Penn*

DISSOLVED SOLIDS:

IONS:	MEQ/L	mg/L
SODIUM (Na+)	140.02	3220
CALCIUM (Ca++)	28.00	560
MAGNESIUM (Mg++)	10.00	122
IONS:		
CHLORIDE (Cl-)	117.21	4161
SULFATE (SO4=)	47.81	2295
CARBONATE (CO3=)	4.00	120
BICARBONATE (HCO3-)	9.00	549
HYDROXIDE (OH-)	0.00	0
TOTAL DISSOLVED SOLIDS:		11027

OTHER PROPERTIES:

PH	8.37	P-ALKALINITY (AS CaCO3)	100 mg/L
SEC. GRAV.	1.00	M-ALKALINITY (AS CaCO3)	650 mg/L
CONDUCTIVITY	16640 µMHOS/CM	CALCIUM HARDNESS (AS CaCO3)	1400 mg/L
S	313 mg/L	MAGNESIUM HARDNESS (AS CaCO3)	500 mg/L
2	0 mg/L	TOTAL HARDNESS (AS CaCO3)	1900 mg/L
ION	0.10 mg/L	TPH	57 mg/L

X.

**Neutron Density
Log Across
Proposed
Disposal Interval
(Measured Depth
and True Vertical
Depth Logs**

HALLIBURTON

SPECTRAL GAMMA RAY DUAL-SPACED NEUTRON SPECTRAL DENSITY COMPOSITE RUNS 1&2

COMPANY MARB0B ENERGY CORPORATION
 WELL DOUBLE TROUBLE FED COM No.1
 FIELD SPRINGS; MORROW
 COUNTY EDDY STATE NM

COMPANY MARB0B ENERGY CORPORATION
 WELL DOUBLE TROUBLE FED COM No.1
 FIELD SPRINGS; MORROW
 COUNTY EDDY STATE NM
 API No. 30-015-33931
 Location 940' FNL & 791' FEL
 Sect 3 Twp 21S Rge 25E
 Other Services DLLMGRD

Permanent Datum GROUND LEVEL Elev 3298 Elev: K.B. 3315
 Log measured from K.B. 17 ft. above perm. datum D.F. 3314
 Drilling measured from KELLY BUSHING G.L. 3298

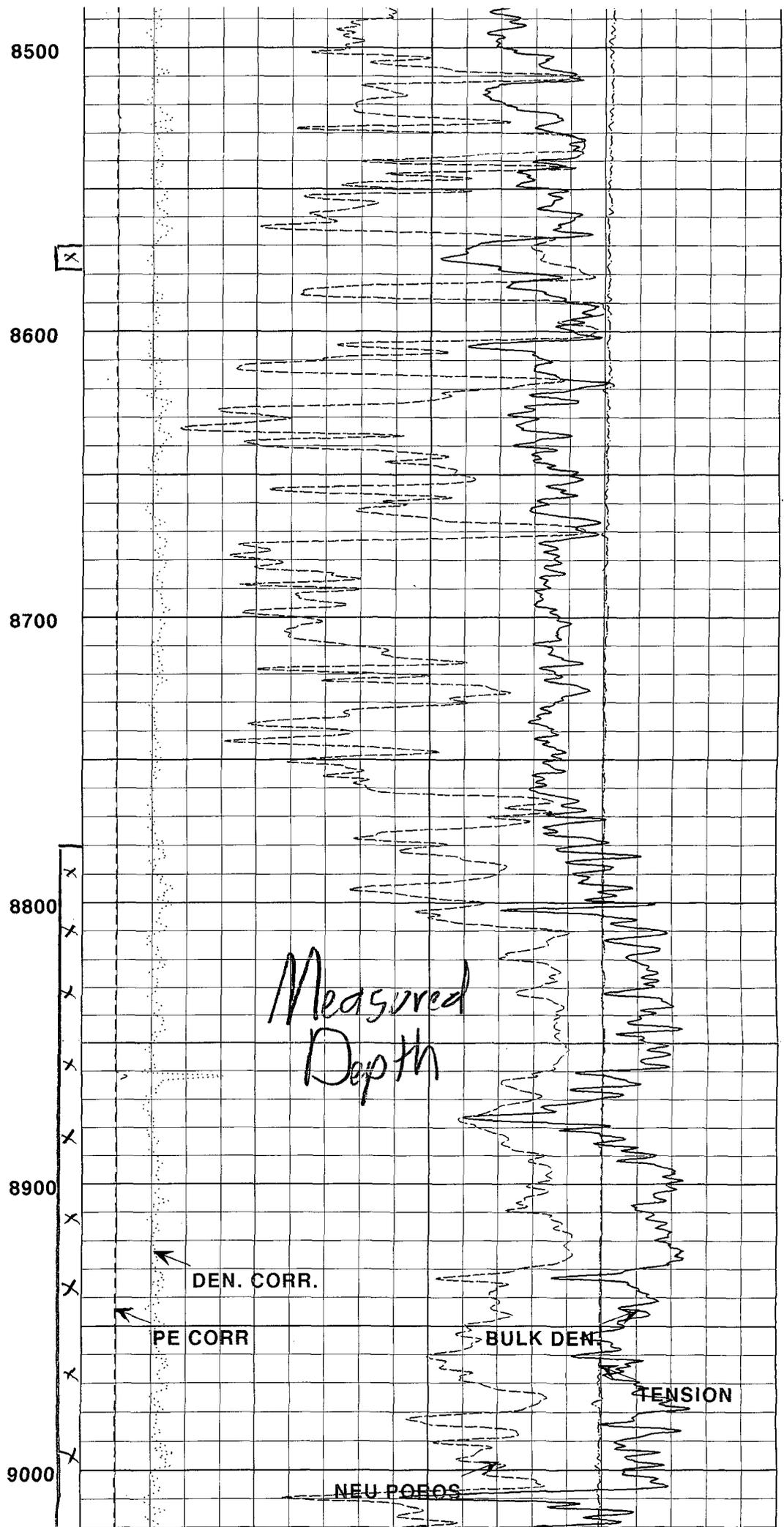
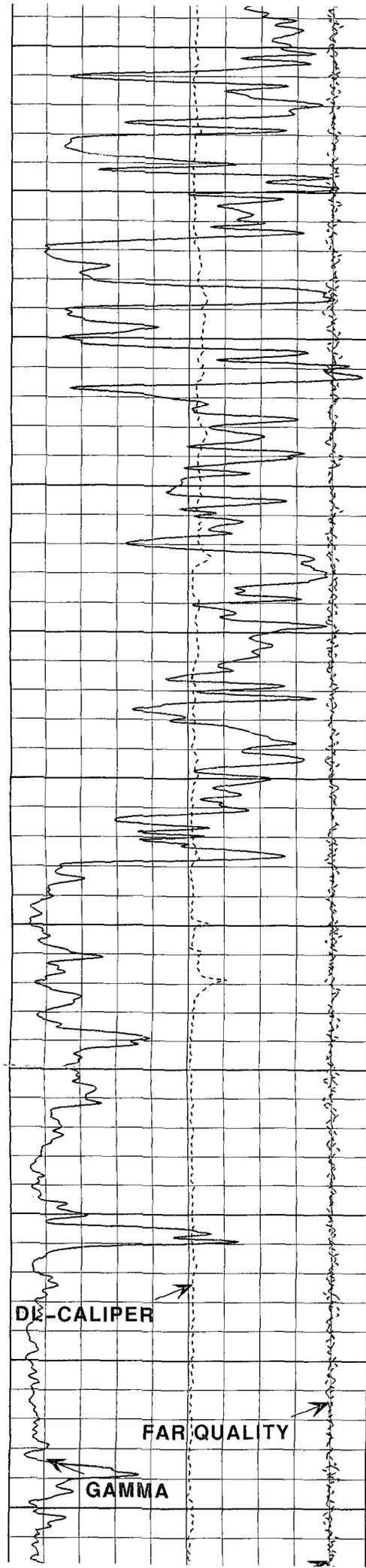
Date	29-APRIL-05	MAY-11-2005
Run No.	ONE	TWO
Depth - Driller	9608	11320'
Depth - Logger	9588	11295'
Bottom - Logged Interval	9583	11245'
Top - Logged Interval	200	9581'
Casing - Driller	9.625 @ 1693	7" @ 9608'
Casing - Logger	1686	9581'
Bit Size	8.75	6.125"
Type Fluid in Hole	BRINE	SALT GEL
Dens. Visc.	9.5 31	9.1 32
Ph Fluid Loss	9 N/A	11 9
Source of Sample	FLOW LINE	MUD PIT
Rm @ Meas. Temp.	.069 @ 74 F	0.104 @ 70 F
Rmf @ Meas. Temp.	.069 @ 74 F	0.088 @ 70 F
Rmc @ Meas. Temp.	N/A @ N/A	0.132 @ 70 F
Source Rmf Rmc	MEAS N/A	MEAS MEAS.
Rm @ BHT	0.034 @ 159 F	0.045 @ 171 F
Time Since Circ.	0800 04/29	1900 05-10
Time on Bottom	2307 04/29	0430 05-11
Max. Rec. Temp.	159 F @ 9588	171 F @ T.D.
Equip. Location	582 HOBBS	388 HOBBS
Recorded By	J. MOUNT	MERCADO
Witnessed By	MAY/The Count	B. MAY

Measured Depth

Service Ticket No.: 3670289 API Serial No.: 30-015-33931 PGM Version:

CHANGE IN MUD TYPE OR ADDITIONAL SAMPLES				RESISTIVITY SCALE CHANGES				
Date Sample No.	Type Log	Depth	Scale Up Hole	Scale Down Hole				
Depth - Driller								
Type Fluid								
in Hole								
Dens. Visc.								
Ph Fluid Loss								
Source of Sample					RESISTIVITY EQUIPMENT DATA			
Rm @ Meas. Temp.	@	0.104 @ 70 F	Run No.	Tool Type & No.	Pad Type	Tool Pos.	Other	
Rmf @ Meas. Temp.	@	0.088 @ 70 F						
Rmc @ Meas. Temp.	@	0.132 @ 70 F						
Source Rmf Rmc		CALC. CALC.						
Rm @ BHT	@	0.045 @ 171 F						
Rmf @ BHT	@	0.038 @ 171 F						
Rmc @ BHT	@	0.057 @ 171 F						

EQUIPMENT DATA							
GAMMA		ACOUSTIC		DENSITY		NEUTRON	
Run No.	ONE	Run No.		Run No.	ONE	Run No.	ONE
Serial No.	109021WH	Serial No.		Serial No.	AD44YL	Serial No.	108772YL
Model No.	CSNGDT	Model No.		Model No.	SDL_DA	Model No.	DSNT-A
Diameter	3.625"	No. of Cent.		Diameter	4.50"	Diameter	3.625"
Detector Model No.	T102-A	Spacing		Log Type	GAM_GAM	Log Type	NEU_NEU
Type	SCINT			Source Type	Cs137	Source Type	Am241Be
Length	12"	LSA [Y/N]		Serial No.	2549GW	Serial No.	DSN-90
Distance to Source	16'	FWDA [Y/N]		Strength	1.5Ci	Strength	18.5Ci



8500

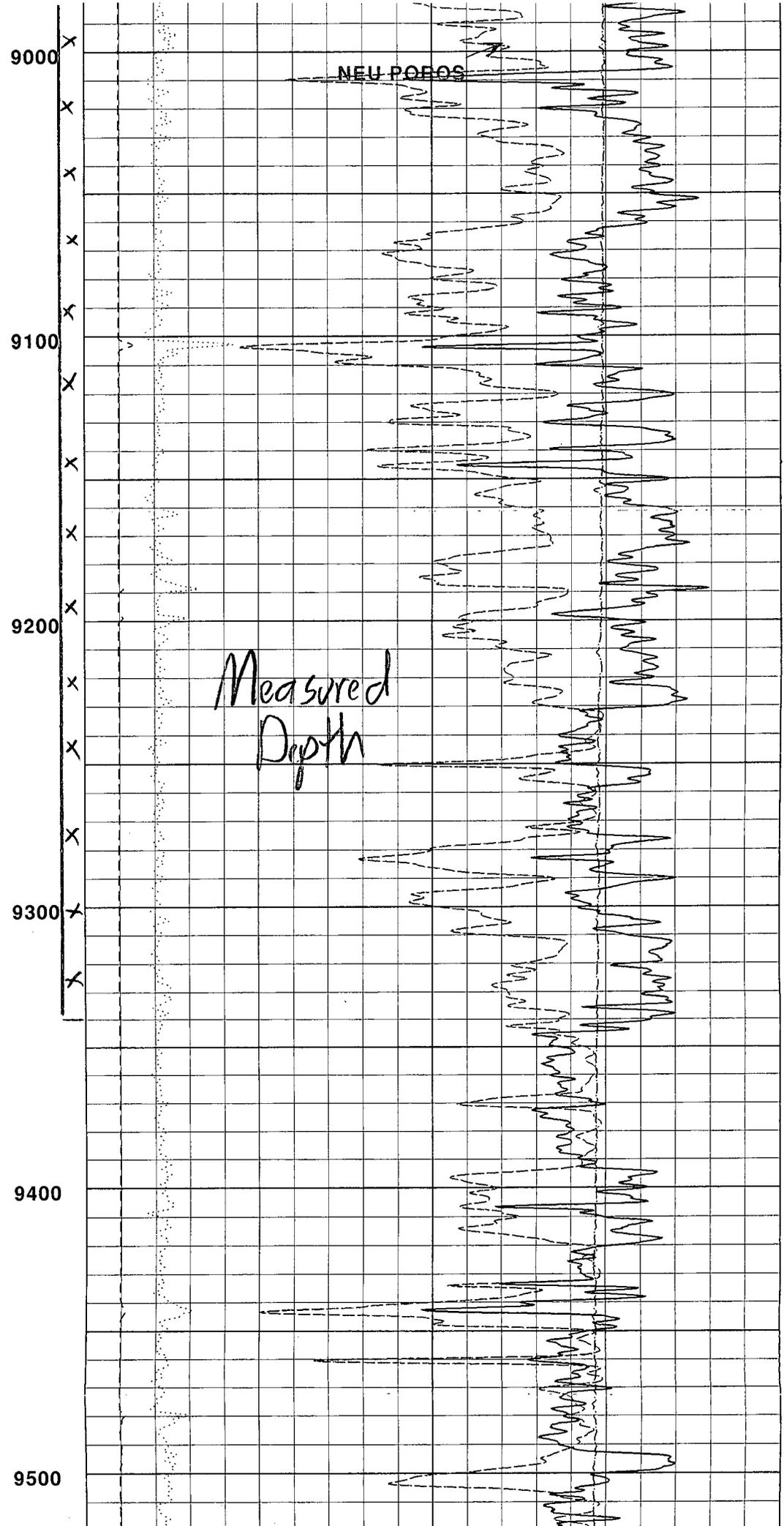
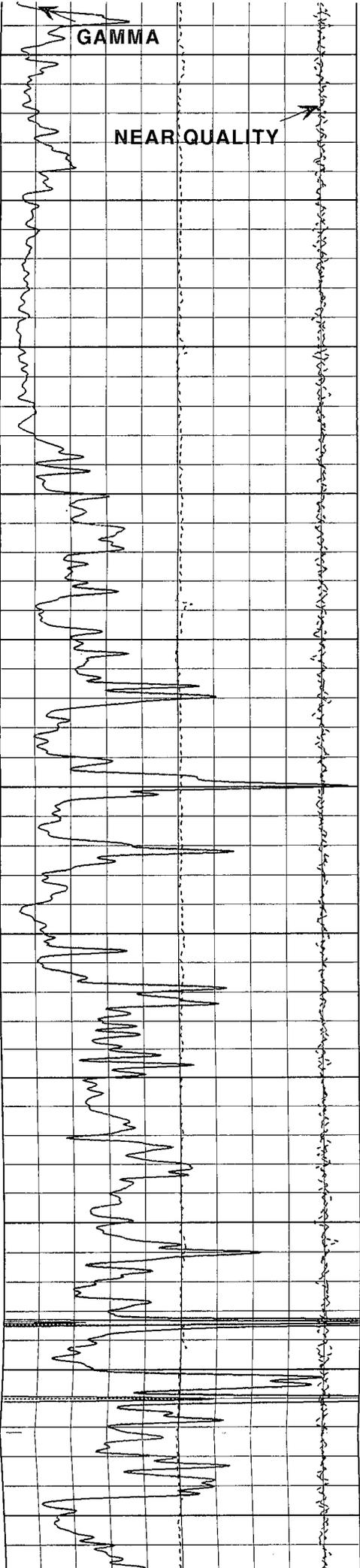
8600

8700

8800

8900

9000



HALLIBURTON

**SPECTRAL GAMMA RAY
DUAL-SPACED NEUTRON
SPECTRAL DENSITY
TRUE VERTICAL DEPTH**

COMPANY MARBOB ENERGY CORPORATION
 WELL DOUBLE TROUBLE FED COM No.1
 FIELD SPRINGS; MORROW
 COUNTY EDDY STATE NM

COMPANY MARBOB ENERGY CORPORATION
 WELL DOUBLE TROUBLE FED COM No.1
 FIELD SPRINGS; MORROW
 COUNTY EDDY STATE NM

API No. 30-015-33931 Other Services DLLMGRD
 Location 940' FNL & 791' FEL

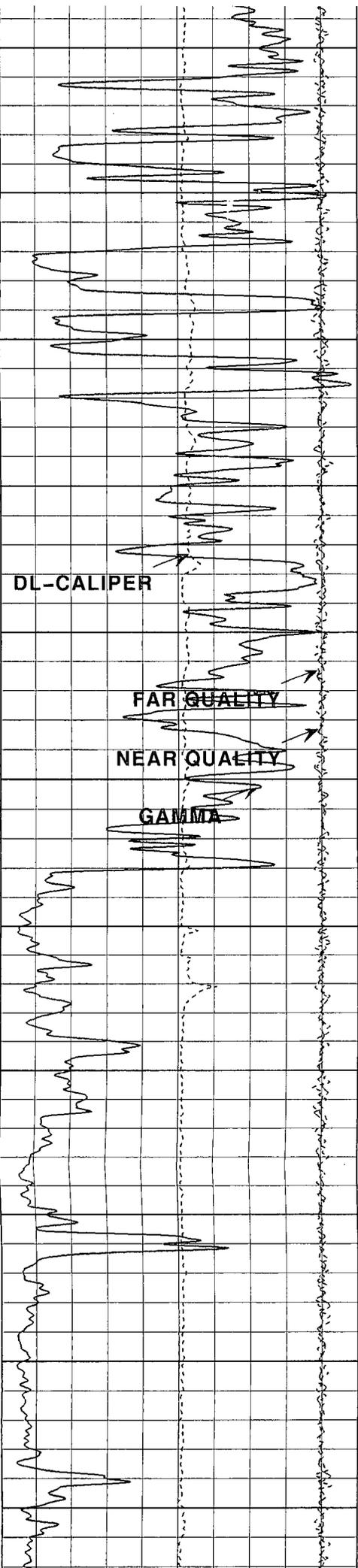
Sect 3 Twp 21S Rge 25E

Permanent Datum GROUND LEVEL Elev 3298 Elev: K.B. 3315
 Log measured from K.B. 17 ft. above perm. datum D.F. 3314
 Drilling measured from KELLY BUSHING G.L. 3298

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Rm @ Meas. Temp.	.069 @ 74 F	0.104 @ 70 F
Rmf @ Meas. Temp.	.069 @ 74 F	0.088 @ 70 F
Rmc @ Meas. Temp.	N/A @ N/A	0.132 @ 70 F
Source Rmf Rmc	MEAS N/A	MEAS. MEAS.
Rm @ BHT	0.034 @ 159 F	0.045 @ 171 F
Time Since Circ.	0800 04/29	1900 05-10
Time on Bottom	2307 04/29	0430 05-11
Max. Rec. Temp.	159 F @ 9588	171 F @ T.D.
Equip. Location	582 HOBBS	388 HOBBS
Recorded By	J MOUNT	MERCADO
Witnessed By	MAY/The Count	B MAY

True Vertical Depth

Service Ticket No.: 3670289	API Serial No.: 30-015-33931	PGM Version:
CHANGE IN MUD TYPE OR ADDITIONAL SAMPLES		RESISTIVITY SCALE CHANGES
Date Sample No.	Type Log	Depth
Depth - Driller	Scale Up Hole	Scale Down Hole
Type Fluid in Hole		
Dens. Visc.		
Ph Fluid Loss		
Source of Sample	RESISTIVITY EQUIPMENT DATA	
Rm @ Meas. Temp.	Run No.	Tool Type & No.
Rmf @ Meas. Temp.	Pad Type	Tool Pos.
Rmc @ Meas. Temp.	Other	
Source Rmf Rmc		
Rm @ BHT		
Rmf @ BHT		
Rmc @ BHT		
EQUIPMENT DATA		
GAMMA		ACOUSTIC
Run No.	DENSITY	NEUTRON
Serial No.	Run No.	Run No.
Model No.	Serial No.	Serial No.
Diameter	Model No.	Model No.
Detector Model No.	Diameter	Diameter
Type	Log Type	Log Type
Length	Source Type	Source Type
Distance to Source	Serial No.	Serial No.
	Strength	Strength



7900
TVD

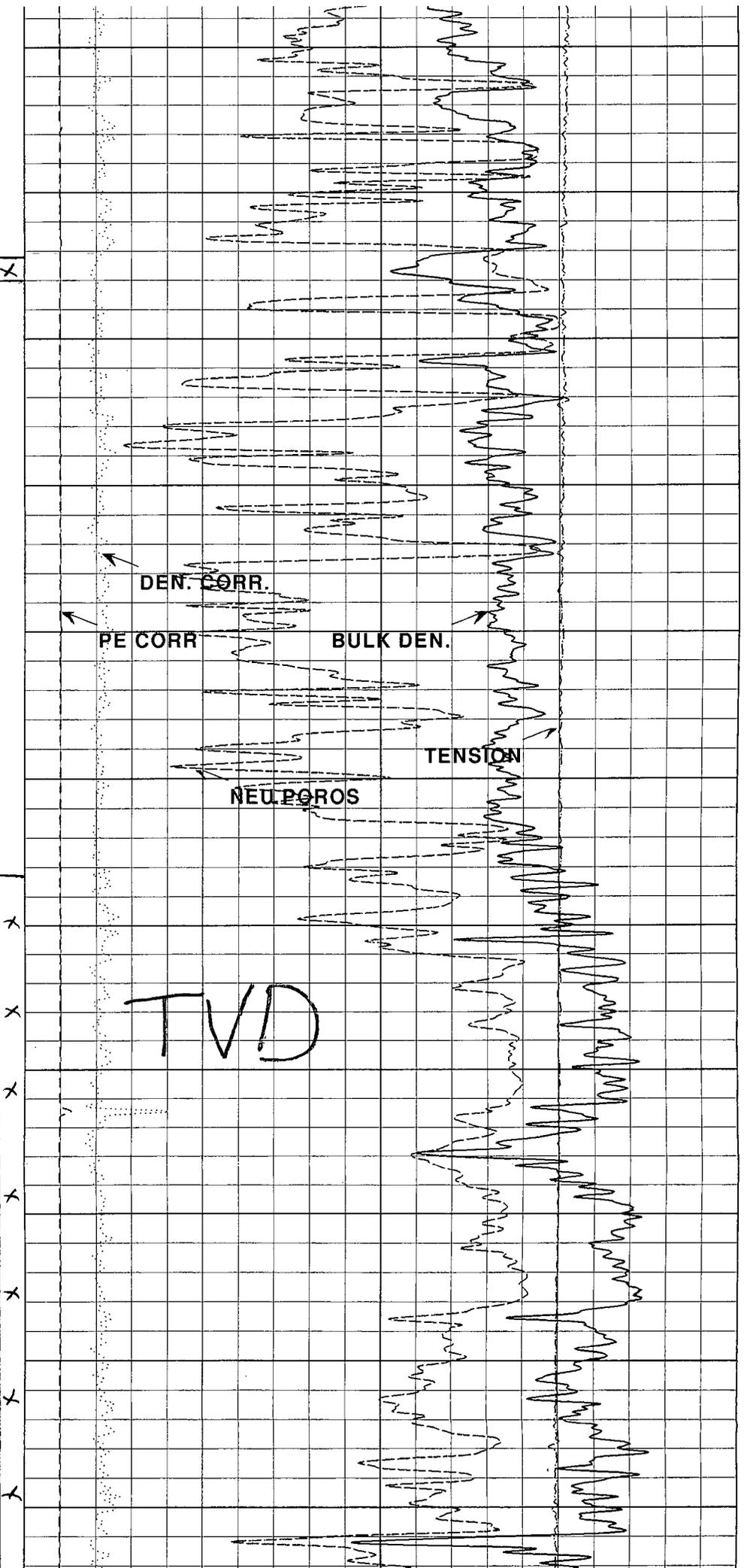
8000
TVD

8100
TVD

8200
TVD

8300
TVD

X



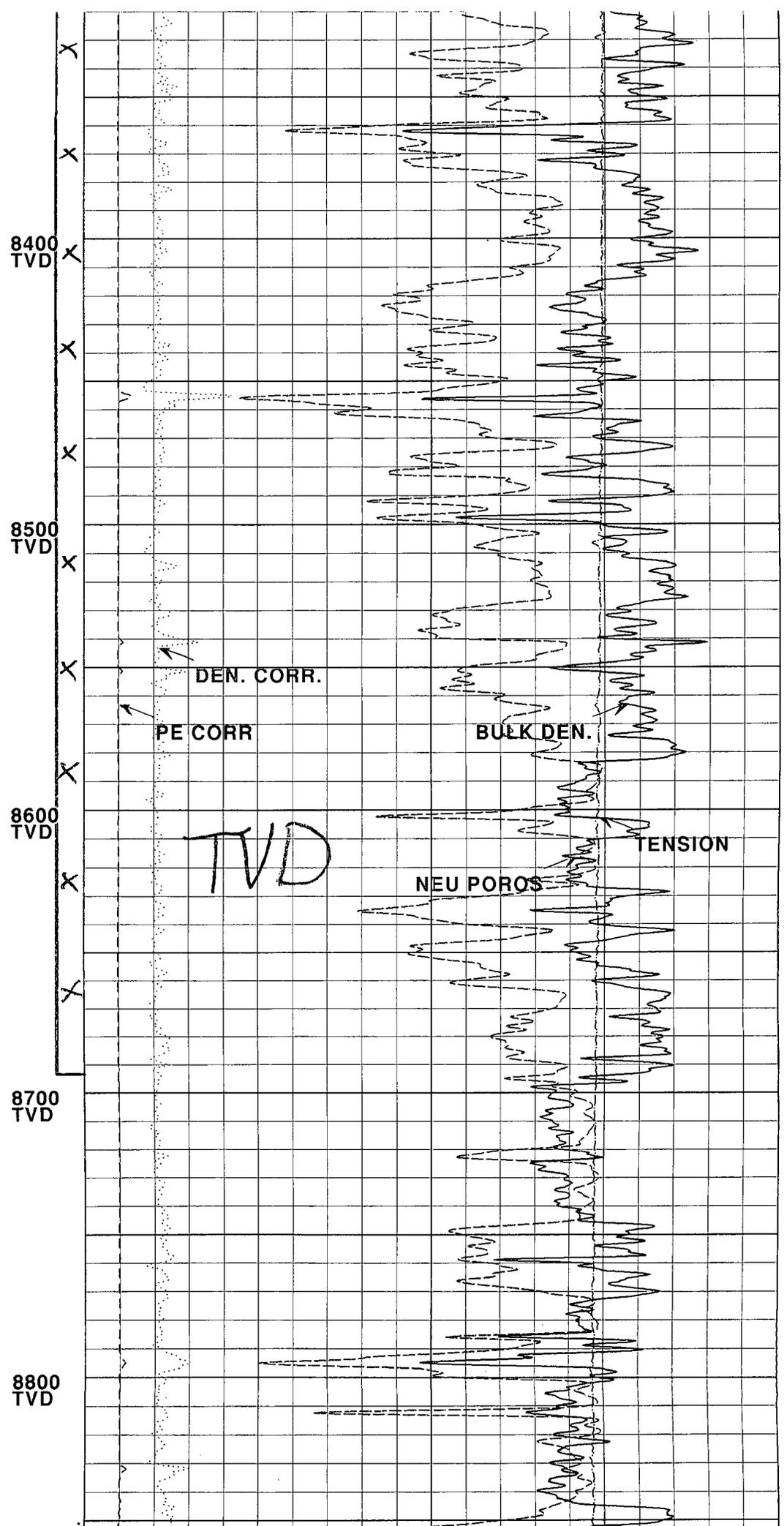
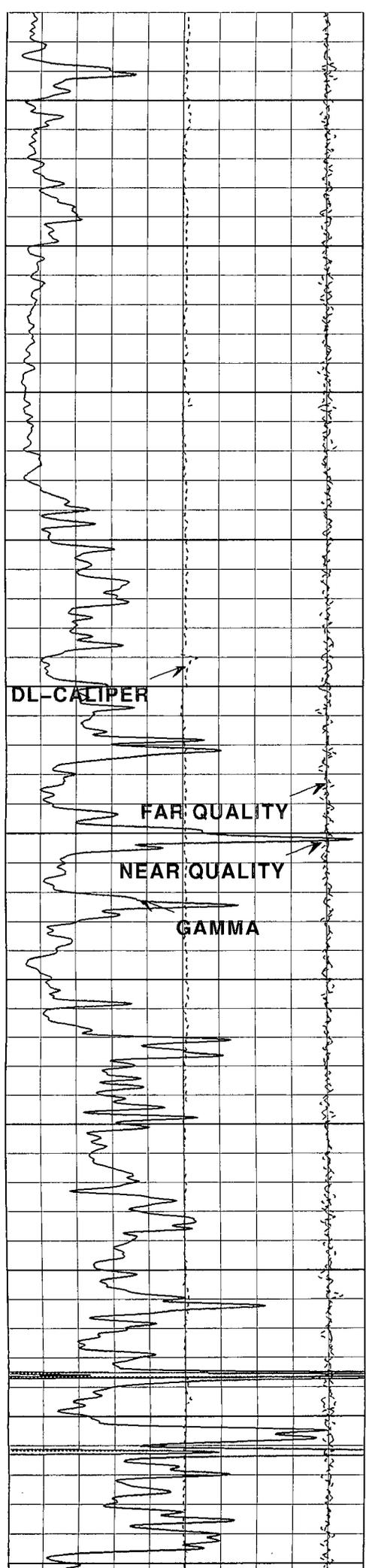
X

X

X

X

X



XI.

**Fresh Water Well
Water Analysis**

HALLIBURTON

PERMAIN BASIN OPERATIONS LABORATORY WATER ANALYSIS REPORT HOBBS, NEW MEXICO

COMPANY Marbob

REPORT W04-073
DATE May 7, 2004
DISTRICT Hobbs

SUBMITTED BY Fresh Water Well Unit 5 - Sec. 3 - 21s - 25e

WELL Evans Well 35 Queen Rd. DEPTH _____ FORMATION _____
COUNTY _____ FIELD _____ SOURCE _____

SAMPLE	_____	_____	_____	_____
Sample Temp.	<u>66</u> °F	_____ °F	_____ °F	_____ °F
RESISTIVITY	<u>7.71</u>	_____	_____	_____
SPECIFIC GR.	<u>1.001</u>	_____	_____	_____
pH	<u>7.28</u>	_____	_____	_____
CALCIUM	<u>450</u> mpl	_____ mpl	_____ mpl	_____ mpl
MAGNESIUM	<u>300</u> mpl	_____ mpl	_____ mpl	_____ mpl
CHLORIDE	<u>53</u> mpl	_____ mpl	_____ mpl	_____ mpl
SULFATES	<u>light</u> mpl	_____ mpl	_____ mpl	_____ mpl
BICARBONATES	<u>31</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

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

ANALYST: MAJT

HALLIBURTON

PERMAIN BASIN OPERATIONS LABORATORY WATER ANALYSIS REPORT HOBBS, NEW MEXICO

COMPANY Marbob Energy

REPORT W04-069
DATE May 6, 2004
DISTRICT Hobbs

SUBMITTED BY Pecos River Water Sample

WELL Pecos River Below Brantley DEPTH _____ FORMATION _____
COUNTY _____ FIELD _____ SOURCE _____

SAMPLE	_____	_____	_____	_____
Sample Temp.	<u>74</u> °F	_____ °F	_____ °F	_____ °F
RESISTIVITY	<u>1.273</u>	_____	_____	_____
SPECIFIC GR.	<u>1.003</u>	_____	_____	_____
pH	<u>7.68</u>	_____	_____	_____
CALCIUM	<u>750</u> mpl	_____ mpl	_____ mpl	_____ mpl
MAGNESIUM	<u>690</u> mpl	_____ mpl	_____ mpl	_____ mpl
CHLORIDE	<u>1,474</u> mpl	_____ mpl	_____ mpl	_____ mpl
SULFATES	<u>heavy</u> mpl	_____ mpl	_____ mpl	_____ mpl
BICARBONATES	<u>31</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/JT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

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.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator **MARBOB ENERGY CORPORATION**

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

3b. Phone No. (include area code)
505-748-3303

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**SEC. 3-T21S-R25E, UNIT A
 940 FNL 791 FEL, NE/4NE/4**

5. Lease Serial No.

NMNM108025

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

DOUBLE TROUBLE FED COM #1

9. API Well No.

30-015-33931

10. Field and Pool, or Exploratory Area
SPRINGS; MORROW

11. County or Parish, State

EDDY COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 recomplate 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall 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 CONVERT THE DOUBLE TROUBLE FEDERAL COM NO. 1 TO WATER DISPOSAL SERVICE.

MARBOB ALSO REQUESTS TO CHANGE THE WELL NAME TO: DOUBLE TROUBLE SWD NO. 1

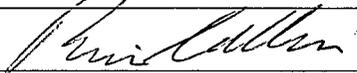
SEE ATTACHED APPLICATION AND SUPPORTING DOCUMENTS.

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

BRIAN COLLINS

Title **ENGINEER**

Signature



Date

12 Dec 07

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____

Title

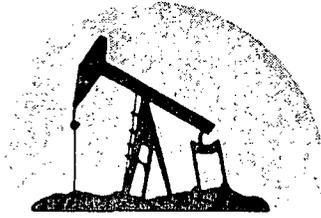
Date

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)



marbob
energy corporation

December 12, 2007

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

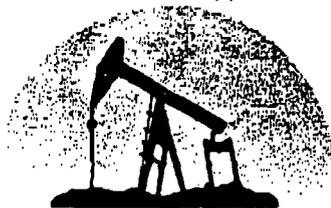
BC/dlw

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 Double Trouble SWD No. 1 is located 940' FNL 791' FEL (surface location), 791' FNL 1860' FWL (bottom hole location), Section 3, Township 21 South, Range 25 East, Eddy County, New Mexico. Disposal water will be sourced from area wells producing from the and Upper Penn formations. The disposal water will be injected into the Wolfcamp and Upper Penn formation at a depth of 7922' - 8693' at a maximum surface pressure of 1584 psi and a maximum rate of 20,000 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 505-748-3303.

Published in the Artesia Daily Press, Artesia, New Mexico
_____, 2007.



marbob
energy corporation

FAX TRANSMITTAL SHEET

DATE: 12/28/07

TO: Will Jones

FAX #: 505-476-3462

FROM: Debbie W

TOTAL # OF PAGES (INCLUDING COVER SHEET): 2

COMMENTS: Affidavit of Publication
RE: Double Trouble SWD

IF YOU HAVE ANY TROUBLE RECEIVING THIS FAX, PLEASE CONTACT ME.

PHONE: 505/748-3303

FAX: 505/746-2523

Affidavit of Publication

NO. 20005

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:

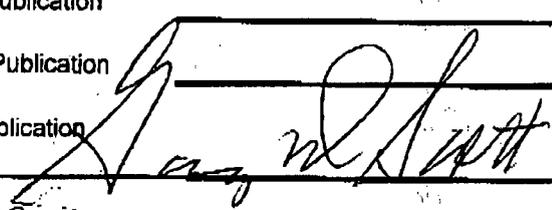
First Publication December 18, 2007

Second Publication _____

Third Publication _____

Fourth Publication _____

Fifth Publication _____



Subscribed and sworn to before me this

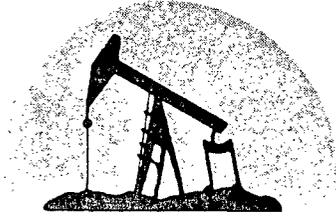
30th Day December 2007

Amanda K. Lamb
Notary Public, Eddy County, New Mexico

My Commission expires April 5, 2011

Copy of Publication:

LEGAL NOTICE 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 Double Trouble SWD No. 1 is located 840' FNL 791' FEL (surface location), 791' FNL 1860' FWL (bottom hole location), Section 3, Township 21 South, Range 25 East, Eddy County, New Mexico. Disposal water will be sourced from area wells producing from the Upper Penn formations. The disposal water will be injected into the Wolfcamp and Upper Penn formations at a depth of 7922'-8693' at a maximum surface pressure of 1584 psi and a maximum rate of 20,000 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 88211-0277, or call 505-746-3303. Published in the Artesia Daily Press, Artesia, N.M. December 18, 2007. Legal 20005



marbob
energy corporation

December 12, 2007

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

Re: Application to Inject
Double Trouble SWD #1
Township 21 South, Range 25 East, NMPM
Section 3: 940 FNL 791 FEL, Unit A
Eddy County, New Mexico

Gentlemen:

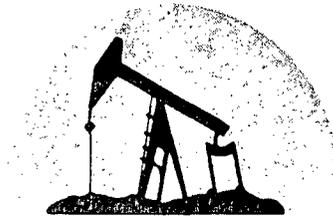
Enclosed for your review is a copy of Marbob Energy Corporation's application for Authorization to Inject. As a requirement of the New Mexico Oil Conservation Division, we are notifying you because you have been identified as an operator or surface owner. Any objections must be submitted in writing to 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



marbob
energy corporation

December 12, 2007

Featherstone Development Corporation
1801 W. 2nd St.
Roswell, NM 88201

Re: Application to Inject
Double Trouble SWD #1
Township 21 South, Range 25 East, NMPM
Section 3: 940 FNL 791 FEL, Unit A
Eddy County, New Mexico

Gentlemen:

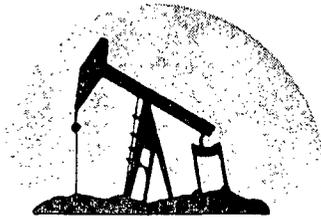
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Please do not hesitate to contact us should you have any questions.

Sincerely,

Brian Collins
Petroleum Engineer

BC/dlw
enclosure



marbob
energy corporation

December 12, 2007

Yates Petroleum Corporation
105 S. 4th St.
Artesia, NM 88210

Re: Application to Inject
Double Trouble SWD #1
Township 21 South, Range 25 East, NMPM
Section 3: 940 FNL 791 FEL, Unit A
Eddy County, New Mexico

Gentlemen:

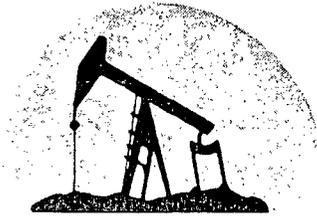
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Please do not hesitate to contact us should you have any questions.

Sincerely,

Brian Collins
Petroleum Engineer

BC/dlw
enclosure



marbob
energy corporation

December 12, 2007

Nadel & Gussman, LLC
3200 1st Place, Twr #3200
Tulsa, OK 74103

Re: Application to Inject
Double Trouble SWD #1
Township 21 South, Range 25 East, NMPM
Section 3: 940 FNL 791 FEL, Unit A
Eddy County, New Mexico

Gentlemen:

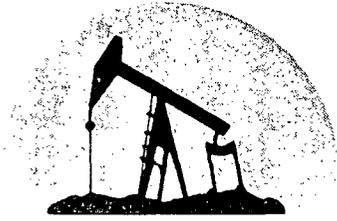
Enclosed for your review is a copy of Marbob Energy Corporation's application for Authorization to Inject. As a requirement of the New Mexico Oil Conservation Division, we are notifying you because you have been identified as an operator or surface owner. Any objections must be submitted in writing to 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



marbob
energy corporation

December 12, 2007

David H. Arrington
P. O. Box 2071
Midland, TX 79702

Re: Application to Inject
Double Trouble SWD #1
Township 21 South, Range 25 East, NMPM
Section 3: 940 FNL 791 FEL, Unit A
Eddy County, New Mexico

Gentlemen:

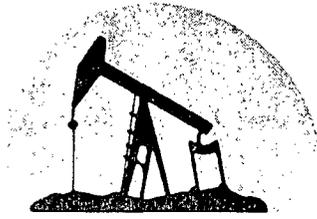
Enclosed for your review is a copy of Marbob Energy Corporation's application for Authorization to Inject. As a requirement of the New Mexico Oil Conservation Division, we are notifying you because you have been identified as an operator or surface owner. Any objections must be submitted in writing to 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



marbob
energy corporation

December 12, 2007

Bureau of Land Management
2909 W. 2nd St.
Roswell, NM 88201

Re: Application to Inject
Double Trouble SWD #1
Township 21 South, Range 25 East, NMPM
Section 3: 940 FNL 791 FEL, Unit A
Eddy County, New Mexico

Gentlemen:

Enclosed for your review is a copy of Marbob Energy Corporation's application for Authorization to Inject. 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

Jones, William V., EMNRD

From: Debora Wilbourn [geology@marbob.com]
Sent: Friday, December 14, 2007 3:04 PM
To: Jones, William V., EMNRD
Subject: Double Trouble SWD
Attachments: Certified Mail Receipts.pdf

Will,

Here are the certified mail receipts for the referenced SWD application.

Deb

Debora L. Wilbourn
GeoTech
Marbob Energy Corporation
505-748-3303
geology@marbob.com

This inbound email has been scanned by the MessageLabs Email Security System.

Injection Permit Checklist 2/8/07

SWD Order Number 1110 Dates: Division Approved _____ District Approved _____

Well Name/Num: DOUBLE TROUBLESWD #1 Date Spudded: 2005

API Num: (30-) 015-33931 County: EDDY

Footages: 945 FNL/791 FEL Sec 3 Tsp 21S Rge 25E

Operator Name: Marshall Energy Corp. Contact Brian Collins

Operator Address: P.O. BOX 227 Artesia NM 88211-0227

Current Status of Well: _____ Planned Work: _____ Inj. Tubing Size: 3 1/2 @ 2525

	Hole/Pipe Sizes	Depths	Cement	Top/Method
Surface	12 1/4 9 5/8	1693'	750	CIRC after 1" used
Intermediate	8 3/4 7"	9608'	1550 (150+1250)	CIRC
Production		DVC 3602'		
Last DV Tool				
Open Hole Liner	6 1/8 4 1/2	9500-11320	175 (DVC 9579)	9579
Plug Back Depth		TD=11320		

Diagrams Included (Y/N): Before Conversion After Conversion

Checks (Y/N): Well File Reviewed _____ ELogs in Imaging _____

Intervals:	Depths	Formation	Producing (Yes/No)
Salt/Potash			
Capitan Reef	NW EDGE	Roof Protected	
Cliff House, Etc.	2 miles west of PECOS RIVER		
Formation Above	7200 = 3A	BS SS.	
Top Inj Interval	7922-7930	WC	1584 PSI Max. WHIP
Bottom Inj Interval	8133-8693	UPPER Perm	NO Open Hole (Y/N)
Formation Below			YES Deviated Hole (Y/N)

"5" Curve well
Vertical FROM (Canyon -> TD)
8000' TOP CISCO/CANYON

114049 OGRW Rule 40 OK

MD = 8570-9340

Fresh Water: Depths: 0-1500 Wells (Y/N) yes 1 Analysis Included (Y/N) yes Affirmative Statement

Salt Water Analysis: Injection Zone (Y/N/NA) _____ Disjunctures (Y/N/NA) _____ Types: upper Perm

Notice: Newspaper (Y/N) Surface Owner BOLM Mineral Owner(s) _____

Other Affected Parties: DEVON, Featherston, Yates, Nadel Gum, D. Arrighi

AOR/Repairs: NumActiveWells 0 Repairs? — Producing in Injection Interval in AOR NO

AOR Num of P&A Wells 2 Repairs? — Diagrams Included? _____ RBDMS Updated (Y/N) _____

Well Table Adequate (Y/N) yes AOR STRs: Sec _____ Tsp _____ Rge _____ UIC Form Completed (Y/N) _____

New AOR Table Filename _____ Sec _____ Tsp _____ Rge _____ This Form completed _____

Conditions of Approval: _____ Sec _____ Tsp _____ Rge _____ Data Request Sent _____

Statement on BS., upper WC (0.11 or 6%)

Bone SR 4500-4700 Tested in other well

AOR Required Work: _____

Required Work to this Well: _____

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I
1825 N. FRENCH DR., BOBBS, NM 88240

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised JUNE 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number	Pool Code	Pool Name
	85635	SPRINGS MORROW
Property Code	Property Name	Well Number
	DOUBLE TROUBLE FEDERAL	1
OGRID No.	Operator Name	Elevation
14049	MARBOB ENERGY CORPORATION	3298'

Surface Location

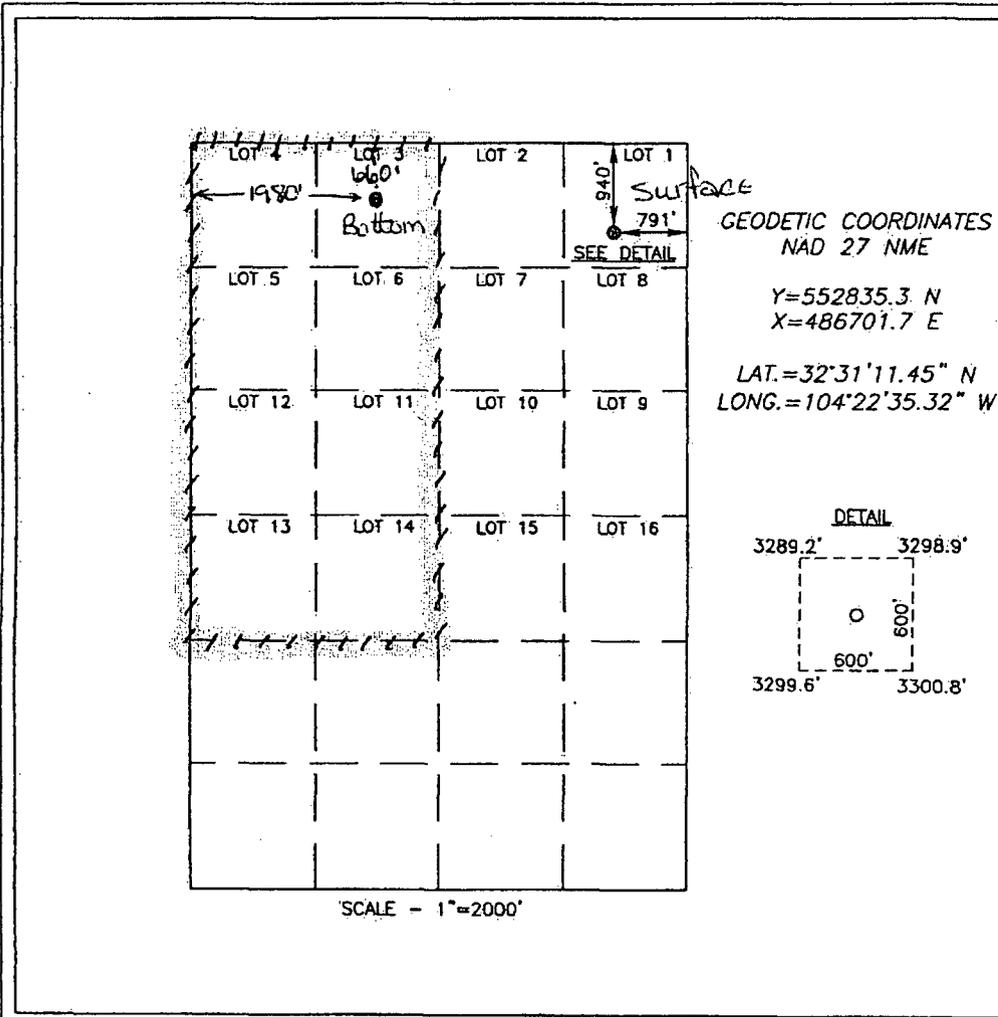
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	3	21-S	25-E		940	NORTH	791	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
3	3	21S	25E		660	North	1980	West	Eddy

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
298			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

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

Melanie J. Parker
Signature
Melanie J. Parker
Printed Name
Land Department
Title
10/22/2004
Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.

OCTOBER 5, 2004

Date Surveyed _____ LA
Signature & Seal
Professional Surveyor
Gary E. Zibson
NEW MEXICO
REGISTERED PROFESSIONAL SURVEYOR
04.11.1291
Certificate No. GARY ZIBSON 12841

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.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well Oil Well Gas Well Other **AMENDED** **RECEIVED**

2. Name of Operator **MARBOB ENERGY CORPORATION**

3a. Address **P O BOX 227** 3b. Phone No. (include area code)
ARTESIA, NM 88211-0227 **505-748-3303**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC. 3-T21S-R25E, LOT 1
940 FNL 791 FEL, NE/4NE/4

5. Lease Serial No.
NMNM108025
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No.
DOUBLE TROUBLE FEDERAL COM #1
API Well No.
30-015-33931
10. Field and Pool, or Exploratory Area
SPRINGS MORROW
11. County or Parish, State
EDDY COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 checked="" type="checkbox"/> Other SPUD CSG/CMT
	<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 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 recomplete 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

SPUD WELL @12:30 PM ON 03/26/05. DRILD 12 1/4" HOLE TO 1693' @2:45 PM ON 03/29/05. RAN 39 JTS (1698') 9 5/8" 36# J-55 STC CSG TO 1693'. CMTD W/400 SX H/L & 250 SX P+, DID NOT CIRC. RAN TEMP SURVEY - TOC @40'. TAG @48' W/1", PUMP 100 SX P+, CIRC 40 SX TO PIT. WOC 18 HRS, TSTD CSG TO 600# F/30 MIN - HELD OK.

ACCEPTED FOR RECORD
MAY - 5 - 2005
LES BABYAK
PETROLEUM ENGINEER

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

DEBORA L. WILBOURN

Title **GEOTECH**

Signature

Debora L. Wilbourn

Date **05/03/05**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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.

Title

Date

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.

N.M. Oil Cons. Div-Dist. 2
 UNITED STATES DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT
 1301 W. Grand Avenue
 Artesia, NM 88210

FORM APPROVED
 OM B No. 1004-0137
 Expires: March 31, 2007

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.
 NMNM108025

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
 DOUBLE TROUBLE FEDERAL COM #1

9. API Well No.
 30-015-33931

10. Field and Pool, or Exploratory Area
 SPRINGS MORROW

11. County or Parish, State
 EDDY COUNTY, NM

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

RECEIVED

MAY 24 2005

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 MARBOB ENERGY CORPORATION OOD-ARTESIA

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

3b. Phone No. (include area code)
 505-748-3303

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 SEC. 3-T21S-R25E, LOT 1
 940 FNL 791 FEL, NE/4NE/4

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<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 type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other TD CMT/CSG

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 recomplate 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

TD WELL @5:30 PM ON 05/10/05. DRLD 6 1/8" HOLE TO 11320'. RAN 282 JTS (11331') 4 1/2" 11.6# P-110 CSG TO 11321'. CMTD W/175 SX SUPER H, CIRC 57 SX TO PIT. WOC 18 HRS, TSTD CSG TO 1500# F/30 MIN.

ACCEPTED FOR RECORD

MAY 20 2005

LES BABYAK
 PETROLEUM ENGINEER

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) DEBORA L. WILBOURN	Title GEOTECH
Signature <i>Debora L. Wilbourn</i>	Date 05/17/05

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by 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.	Title	Date
	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.

N.M. Oil Cons. DIV-Dist. 2
1301 W. Grand Avenue
ARTEZIA, NM 88210

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

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.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator **MARBOB ENERGY CORPORATION**

RECEIVED
MAY 06 2005

3a. Address **P O BOX 227
ARTEZIA, NM 88211-0227**

3b. Phone No. (include area code) **505-748-3303**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**SEC. 3-T21S-R25E, LOT 1
940 FNL 791 FEL, NE/4NE/4**

5. Lease Serial No.
NMNM108025

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
DOUBLE TROUBLE FEDERAL COM #1

9. API Well No.
30-015-33931

10. Field and Pool, or Exploratory Area
SPRINGS MORROW

11. County or Parish, State
EDDY COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION				
<input 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 checked="" 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 checked="" type="checkbox"/> Other <i>Intmd csg/cont</i>	
	<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 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

TD 8, 3/4" HOLE @8:30 PM ON 04/28/05. RAN 74 JTS (3238') 7" 23# L-80 CSG & 146 JTS (6370') P-110 CSG TO 9608'. CMTD 1ST STG W/150 SX SUPER, CIRC 15 SX TO PIT. CMTD 2ND STG 2/1200 SX INERFILL H, TAILED IN W/200 SX H, PD @7:00 AM ON 05/02/05, CIRC 157 SX TO PIT. WOC 18 HRS, TSTD CSG TO 1500# F/30 MIN.

ACCEPTED FOR RECORD
MAY - 5 2005
LES BABYAK
PETROLEUM ENGINEER

14. I hereby certify that the foregoing is true and correct
 Name (Printed/Typed) **DEBORA L. WILBOURN** Title **GEOTECH**

Signature *Debora L. Wilbourn* Date **05/03/05**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

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Office _____

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N.M. Oil Cons. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

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

RECEIVED

5. Lease Serial No.
NMNM108025

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
DOUBLE TROUBLE FEDERAL COM #1

9. API Well No.
30-015-33931

10. Field and Pool, or Exploratory Area
SPRINGS; UPPER PENN

11. County or Parish, State
EDDY CO., NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

AUG 24 2005
OCD-ARTESIA

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
MARBOB ENERGY CORPORATION

3a. Address
PO BOX 227, ARTESIA, NM 88211-0227

3b. Phone No. (include area code)
(505) 748-3303

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
940 FNL 791 FEL, SEC. 3-T21S-R25E, LOT 1

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> Plug Back	<input 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 recomplete 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

RECOMPLETED IN THE CISCO (UPPER PENN) AS FOLLOWS:

- 7/26/05 - SET CIBP + 35' CMT @ 10700'. CUT 4 1/2" CSG OFF @ 9500'.
- 7/27/05 - POOH W/ 221 JTS 4 1/2" CSG.
- 7/28/05 - SET CIBP + 35' CMT @ 9450'. PERF THE CISCT @ 8874' - 8880' (28 SHOTS).
- 7/29/05 - ACDZ PERFS W/ 1000 GAL NEFE 20% HCL ACID. SWAB/FLOW TEST.
- 8/1/05 - PERF THE CISCO @ 8780' - 8808' (56 SHOTS). ACDZ PERFS W/ 2500 GAL NEFE 20% HCL.

ACCEPTED FOR RECORD

AUG 22 2005

LES BABYAK
PETROLEUM ENGINEER

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)
DIANA J. BRIGGS

Title
PRODUCTION ANALYST

Signature
Diana Briggs

Date
AUGUST 9, 2005

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.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
N.M. Oil Cons. Div. Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995
LEASE DESIGNATION AND SERIAL NO.

NMNM108025

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
DOUBLE TROUBLE FED COM #1

9. API WELL NO.
30-015-33931

10. FIELD AND POOL, OR WILDCAT
SPRINGS; UPPER PENN

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SEC. 3-T21S-R25E

12. COUNTY OR PARISH
EDDY

13. STATE
NM

14. PERMIT NO.

DATE ISSUED
AUG 17 2005

15. DATE SPUNDED
3/26/05

16. DATE T.D. REACHED
5/10/05

17. DATE COMPL. (Ready to prod.)
8/3/05

18. ELEVATIONS (DF, RKB, RT, GE, ETC.)
3298' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
11320'

21. PLUG, BACK T.D., MD & TVD
9415'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY
ROTARY TOOLS
CABLE TOOLS
0 - 11320'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*
8780' - 8880' CISCO (UPPER PENN)

25. WAS DIRECTIONAL SURVEY MADE
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN
NONE

27. WAS WELL CORED
NO

28. EXISTING CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9 5/8" J55	36#	1693'	12 1/4"	650 SX, TOC @ 40'	NONE
7" L80/P110	23#	9608'	8 3/4"	1550 SX, CIRC	NONE
4 1/2" P110	11.6#	11321'	6 1/8"	175 SX, CIRC	NONE

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	9004'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

8874' - 8880' (28 SHOTS)	
8780' - 8808' (56 SHOTS)	

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8874'-8880'	ACDZ W/ 1000 GAL NEFE 20% HCL
8780'-8808'	ACDZ W/ 2500 GAL NEFE 20% HCL

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)
8/4/05	PUMPING	PROD

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
8/5/05	24			0	1613	981	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
SOLD

35. LIST OF ATTACHMENTS
NONE

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED *Deana Stone* TITLE PRODUCTION ANALYST DATE 8/9/05

TEST WITNESSED BY
DEAN STONE
LES BABYAK
PETROLEUM ENGINEER

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes 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.