

Mr. Perry L. Hughes

207 W McKay Carlsbad, NM 88220 505-885-5433 Fax 505-885-4989

January 9, 2002

Mr. David Catanach
Oil Conservation Division
1220 S St Francis Dr
Santa FE, NM 87504

RE: Hillside Oil & Gas
Application to Dispose of Produced Water (C-108)
Fox Well No. 1
Atoka Glorieta Yeso Field
Eddy County, NM

Dear Mr. Catanach,

Please refer to the referenced submittal made to you by Mr. Paul Cooter on January 7, 2002. I have examined the data submitted on Exhibit "C" and believe that additional information regarding cement tops is required for two wells.

1. Platt No. 4. Unit M Sec.26, T18S, R26E
Drilled 1958. Current perfs 2758'-3753' in Glorieta Yeso.
 - a. 8 5/8" 28# SA 1115'. Cement w/750 sx – did not circulate. Performed top job w/150 sx.
 - b. 5 1/2" 14# SA 6405' in 7 7/8" hole. Cement w/800 sx. Type of cement unknown – assume Neat "C" with yield of 0.84 Ft³/sx.
 $5 \frac{1}{2}" \text{ csg} \times 7 \frac{7}{8}" \text{ OH} = 5.7719 \text{ Ft/Ft}^3$
 $800 \text{ sx} \times 0.84 \text{ Ft}^3/\text{sx} = 672 \text{ Ft}^3$
 $672 \text{ Ft}^3 \times 5.7719 \text{ Ft/Ft}^3 = 3879 \text{ Ft}$
 $6405' - 3879' = \underline{2526' \text{ Calc. TOC.}}$
2. Platt No. 8. Unit N Sec 26, T18S, R26E
Drilled 1983. Current Perfs 2827'-3501' Glorieta Yeso.
 - a. 8 5/8" 24# SA 978'. Cement w/600sx – did not circulate. Performed top job w/200 sx – circ.
 - b. * 4 1/2" 9.5# J-55 SA 3800' w/175 sx "C" + 4% Gel and 400 sx "C" Neat in 6 1/4" hole.
 $4 \frac{1}{2}" \text{ csg} \times 6 \frac{1}{4}" \text{ OH} = 9.7460 \text{ Ft/Ft}^3$

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January 9, 2002
Perry L. Hughes

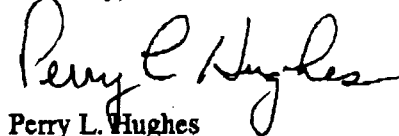
1. "C" + 4 % Gel: Yield 1.19 Ft³/sx
 $175 \text{ sx} \times 1.19 \text{ Ft}^3/\text{sx} = 208 \text{ Ft}^3 \times 9.7460 \text{ Ft}/\text{Ft}^3 = 2030 \text{ Ft}$
2. "C": Yield = 0.84 Ft³/sx
 $400 \text{ sx} \times 0.84 \text{ Ft}^3/\text{sx} = 336 \text{ Ft}^3 \times 9.7460 \text{ Ft}/\text{Ft}^3 = 3898 \text{ Ft}$

No report in well file if cement circulated, but based on calculation, TOC should be at or near surface.

- Records show "5 1/2" 9.5#" set in 6 1/4" hole. Believe casing size error – should be 4 1/2" casing.

Return receipts from mailings to offset operators and land owner have been received and will be provided. Analysis of samples from fresh water wells is being obtained and will be provided as soon as available. Please advise if this provides all the information required to obtain administrative approval for our application.

Sincerely,


Perry L. Hughes

TRANSACTION REPORT

P.01

JAN-09-2002 WED 02:37 PM

FOR:

RECEIVE

DATE	START	SENDER	RX TIME	PAGES	TYPE	NOTE	M#	DP
JAN-09	02:37 PM	5058851358	49"	3	RECEIVE	OK		

Perry L. Hughes

207 W McKay Carlsbad, NM 88220 505-885-5433 Fax 505-885-4989

January 22, 2002

JAN 23 2002

Mr. David Catanach
Oil Conservation Division
1220 S St Francis Dr
Santa FE, NM 87504

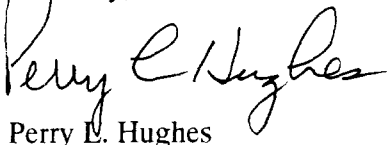
RE: Hillside Oil & Gas
Application to Dispose of Produced Water (C-108)
Fox Well No. 1
Atoka Glorieta Yeso Field
Eddy County, NM

Dear Mr. Catanach,

Please refer to the submittal made to you by Mr. Paul Cooter on January 7, 2002. Attached are the USPS Return Receipt Cards from the offset operators and the surface owner acknowledging receipt of the C-108. Also attached is the analysis by Halliburton of water samples from two fresh water wells within one mile of the proposed disposal well. These wells are located in the SW/4 SE/4 Section 27, T18S, R26E, Eddy County, New Mexico.

I believe this provides all the information and data required. Please advise if anything additional is needed. Thank you for your timely consideration of our application.

Sincerely,



Perry L. Hughes

Attachments



HALLIBURTON

CENTRAL OPERATIONS LABORATORY
WATER ANALYSIS REPORT
HOBBS, NEW MEXICO

COMPANY Hillside Oil & Gas Co. LLC

REPORT W02-013
DATE January 18, 2002
DISTRICT Artesia

SUBMITTED BY _____

WELL Vicki Boyce DEPTH _____ FORMATION _____
COUNTY Eddy FIELD _____ SOURCE _____

SAMPLE

Sample Temp.	66	°F		°F			
RESISTIVITY	15.8						
SPECIFIC GR.	1.001						
pH	7.18						
CALCIUM	750	mpl		mpl		mpl	
MAGNESIUM	600	mpl		mpl		mpl	
CHLORIDE	128	mpl		mpl		mpl	
SULFATES	0	mpl		mpl		mpl	
BICARBONATES	73	mpl		mpl		mpl	
SOLUBLE IRON	0	mpl		mpl		mpl	
Sodium	-1885	mpl	0	mpl	0	mpl	0
TDS	-334	mpl	0	mpl	0	mpl	0
OIL GRAVITY	@	°F	@	°F	@	°F	@

REMARKS

MPL = Milligrams per liter

Resistivity measured in Ohm-cm/in

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ANALYST: James Bonner



HALLIBURTON

 CENTRAL OPERATIONS LABORATORY
 WATER ANALYSIS REPORT
 HOBBS, NEW MEXICO

 COMPANY Hillside Oil & Gas Co. LLC

 REPORT W02-012
 DATE January 18, 2002
 DISTRICT Artesia

SUBMITTED BY _____

 WELL Dorothy Boyce DEPTH _____ FORMATION _____
 COUNTY Eddy FIELD _____ SOURCE _____

SAMPLE

Sample Temp.	66	°F		°F		°F		°F
RESISTIVITY	15.8							
SPECIFIC GR.	1.001							
pH	7.20							
CALCIUM	300	mpl		mpl		mpl		mpl
MAGNESIUM	400	mpl		mpl		mpl		mpl
CHLORIDE	101	mpl		mpl		mpl		mpl
SULFATES	0	mpl		mpl		mpl		mpl
BICARBONATES	24	mpl		mpl		mpl		mpl
SOLUBLE IRON	0	mpl		mpl		mpl		mpl
Sodium	-1026	mpl	0	mpl	0	mpl	0	mpl
TDS	-201	mpl	0	mpl	0	mpl	0	mpl
OIL GRAVITY	@	°F	@	°F	@	°F	@	°F

REMARKS

MPL = Milligrams per liter

Resistivity measured in: Ohm/m 2/m

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ANALYST: James Bonner

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:

MACHEERS FAMILY TRUST ET AL
1244 WOOD AVE
WICHITA KS 67212

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly) B. Date of Delivery

LAVONNE MACHEERS 12-31

C. Signature

X Lavonne Macheers Agent Addressee

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

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 (Copy from service label)

7000 1530 0000 1625 1375

PS Form 3811, July 1999

Domestic Return Receipt

102595-00-M-0952

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:

YATES PETROLEUM CORPORATION
105 S FOURTH ST
ARTESIA NM 88210

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly) B. Date of Delivery

DEC 28 2000 PATTI CARLILE

C. Signature

X Patti Carlile Agent Addressee

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

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 (Copy from service label)

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PS Form 3811, July 1999

Domestic Return Receipt

102595-99-M-1789

SENDER: COMPLETE THIS SECTION

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- 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:

PREMIER OIL & GAS
PO BOX 1246
ARTESIA NM 88211-1246

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly) B. Date of Delivery

Kasalic Jones 12-21-01

C. Signature

X Kasalic Jones Agent Addressee

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

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 (Copy from service label)

7000 1530 0000 1625 1382

PS Form 3811, July 1999

Domestic Return Receipt

102595-99-M-1789