

1R - 1753

APPROVALS

YEAR(S):

2009

FAX

Ocotillo Environmental, LLC, P.O. Box 1810 Hobbs, NM 88241 (505)393-6371 Fax: (505)393-6374

DATE: 3/4/09

TO: EDWARD J. HANSEN

FAX: 505-476-3462

PHONE:

FROM: YONI BOLTON

FAX: (575) 393-6374

PHONE: (575) 393-6371

PAGES: 5 (INCLUDING COVER)

RE: Hawk A-5 #3

CC:

COMMENTS:

Mr. Hansen,

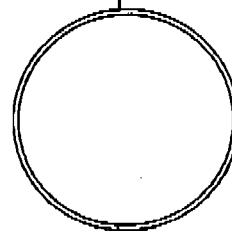
Pursuant to our conversation this morning, here is the information regarding the Apache Hawk A-5 #3. I will Fedex the original to you today for delivery tomorrow.

I apologize for any inconvenience.

Thanks,

Yoni

- ☐ URGENT
- ☐ PLEASE COMMENT
- ☐ PLEASE REVIEW
- ☐ FOR YOUR RECORDS



Ocotillo ENVIRONMENTAL

Dirt Work • On-Site Remediation • Soil Testing • Excavation

March 3, 2009

VIA OVERNIGHT DELIVERY

Edward J. Hansen
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, NM 87505

RE: Apache Hawk A- 5 #3 (IRP #1753)

Dear Mr. Hansen:

Enclosed are three (3) plugging reports for the above referenced well.

If you have any questions, please contact Cindy Crain at (575)441-7244.

Sincerely,



Yoni Bolton

Enclosures as stated

cc: File

FROM : SCARBOROUGH DRILLING

FAX NO. : 8069726381

Mar. 03 2009 12:22PM P3

Revised June 1973

STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Opole Corporation Owner's Well No. MD1-R
Street or Post Office Address PO Box 848
City and State WINE, TX 79409Well was drilled under Permit No. _____ and is located in the Opole Creek A-5#3
E. _____ S. _____ W. _____ of Section _____ Township _____ Range _____ N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in LEA County.d. X_y _____ feet, Y_e _____ feet, N.M. Coordinate System _____ Zone in
the _____ Grant.(B) Drilling Contractor John Scarborough Drilling License No. 6201188Address P.O. Box 305 LAMESA, TX 79331Drilling Began 11/28/07 Completed 11/28/07 Type tools Air Rotary Size of hole 8 3/4 in.Elevation of land surface or _____ at well is _____ ft. Total depth of well 110 ft.Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 95.10 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To		

Section 3. RECORD OF CASING

Diameter (Inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
<u>4</u>	<u>20</u>	<u>PVC</u>	<u>+2</u>	<u>90</u>		<u>.020 screen</u>	<u>90</u>	<u>110</u>

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				
<u>0</u>	<u>2</u>	<u>8 3/4</u>	<u>cement</u>		<u>poached</u>
<u>2</u>	<u>8</u>	<u>8 3/4</u>	<u>horizontal</u>		<u>poached</u>
<u>86</u>	<u>110</u>	<u>8 3/4</u>	<u>sand</u>		<u>poached</u>

Section 5. PLUGGING RECORD

Plugging Contractor John Scarborough Drilling, Inc.Address P.O. Box 305 LAMESA, TX 79331

Plugging Method _____

Date Well Plugged 1-20-2009

Plugging approved by: _____

State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
<u>1</u>	<u>0</u>	<u>110</u>	<u>8 1/2 bags</u>
<u>2</u>			
<u>3</u>			<u>horizontal</u>
<u>4</u>			

FOR USE OF STATE ENGINEER ONLY

Date Received _____ Quad _____ FWL _____ FSL _____

File No. _____ Use _____ Location No. _____

FROM : SCARBOROUGH DRILLING

FAX NO. : 5053936734

Mar. 03 2009 12:53PM P1

Revised June 1977

STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Apache Corporation Owner's Well No. MW3
 Street or Post Office Address PO Box 1849
 City and State EL PASO, NM 88231

Well was drilled under Permit No. _____ and is located in the:
SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 5 Township 21S Range 37E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
 Subdivision, recorded in LEA County.

d. X- _____ feet, Y- _____ feet, N.M. Coordinate System _____ Zone in
 the _____ Grant.

(B) Drilling Contractor John Scarborough Drilling Inc. License No. LD1188
 Address PO Box 305 LAMESA, TX 79331
 Drilling Began 5/14/08 Completed 5/14/08 Type tools Air Rotary Size of hole 8 3/4 in.
 Elevation of land surface or 3500.26 at well is _____ ft. Total depth of well 102 ft.
 Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 91.63 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
<u>4</u>	<u>sch 20 PVC</u>	<u>12</u>	<u>82</u>	<u>102</u>	<u>102</u>	<u>1020</u>	<u>82</u>	<u>102</u>

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				
<u>0</u>	<u>2</u>	<u>4</u>		<u>cement</u>	<u>poured</u>
<u>2</u>	<u>76</u>	<u>4</u>	<u>cement bentonite</u>		<u>poured</u>
<u>76</u>	<u>79</u>			<u>bentonite</u>	<u>poured</u>
<u>79</u>	<u>102</u>			<u>SAND</u>	<u>poured</u>

Section 5. PLUGGING RECORD

Plugging Contractor John Scarborough Drilling Inc.
 Address PO Box 305 LAMESA, TX 79331
 Plugging Method Grout
 Date Well Plugged 5-20-2009
 Plugging approved by: _____

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
<u>1</u>	<u>2</u>	<u>102</u>	<u>7 Bags</u>
<u>2</u>			
<u>3</u>			<u>Bentonite</u>
<u>4</u>			

State Engineer Representative

FOR USE OF STATE ENGINEER ONLY

Date Received

Quad _____ FWL _____ PSL _____

File No. _____ Use _____ Location No. _____

FROM : SCARBOROUGH DRILLING

FAX NO. : 8068726381

Mar. 03 2009 12:54PM F2

Revised June 1972

STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Apache Corporation Owner's Well No. MW2
 Street or Post Office Address P.O. Box 1899
 City and State EL NIÑO, N.M. 88231

Well was drilled under Permit No. _____ and is located in the:
 S. SW & SE W of Section 5 Township 21S Range 37E N.M.P.M.
 h. Tract No. _____ of Map No. _____ of the _____
 c. Lot No. _____ of Block No. _____ of the _____
 Subdivision, recorded in LEA County.
 d. Xp _____ feet, Yp _____ feet, N.M. Coordinate System _____ Zone in _____
 the _____

(B) Drilling Contractor John Scarborough Drilling, Inc. License No. LD1188
 Address P.O. Box 305 LAMESA, TX 79331
 Drilling Began 5/14/08 Completed 5/14/08 Type tools Air Rotary Size of hole 8 3/4 in.
 Elevation of land surface or 3504.55 at well's _____ ft. Total depth of well 112 ft.
 Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 96.41 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To		

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
<u>4</u>	<u>Sch 20</u>	<u>PVC</u>	<u>+2</u>	<u>92</u>		<u>1020</u>	<u>92</u>	<u>112</u>

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				
<u>0</u>	<u>86</u>	<u>4</u>		<u>Cement</u>	<u>poured</u>
<u>86</u>	<u>89</u>	<u>4</u>		<u>Cement</u>	<u>poured</u>
<u>89</u>	<u>112</u>	<u>4</u>		<u>SAND</u>	<u>poured</u>

Section 5. PLUGGING RECORD

Plugging Contractor John Scarborough Drilling
 Address P.O. Box 305 LAMESA, TX 79331
 Plugging Method Remmed
 Date Well Plugged 5-20-2009
 Plugging approved by _____

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
<u>1</u>	<u>0</u>	<u>112</u>	<u>2 BAGS</u>
<u>2</u>			
<u>3</u>			<u>Cementite</u>
<u>4</u>			

State Engineer Representative

FOR USE OF STATE ENGINEER ONLY

Date Received _____

Quad _____ FWL _____ FSL _____

File No. _____ Use _____ Location No. _____

Ocotillo ENVIRONMENTAL

RECEIVED

Dirt Work • On-Site Remediation • Soil Testing • Excavation

2009 MAR 5 PM 1 01

March 3, 2009

VIA OVERNIGHT DELIVERY

Edward J. Hansen
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, NM 87505

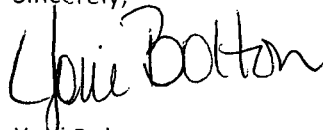
RE: Apache Hawk A- 5 #3 (1RP #1753)

Dear Mr. Hansen:

Enclosed are three (3) plugging reports for the above referenced well.

If you have any questions, please contact Cindy Crain at (575)441-7244.

Sincerely,



Yohi Bolton

Enclosures as stated

cc: File

STATE ENGINEER OFFICE
WELL RECORD

Section 1: GENERAL INFORMATION

(A) Owner of well Apache Corporation Owner's Well No. MID-1-R
 Street or Post Office Address PO BOX 808
 City and State WINE, TX 79429

Well was drilled under Permit No. _____ and is located in the Apache Bank A-5 #3

E _____ N _____ S _____ W _____ of Section _____ Township _____ Range _____ N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
 Subdivision, recorded in LEA County.

d. X = _____ feet, Y = _____ feet, N.M. Coordinate System _____ Zone in the _____

(B) Drilling Contractor John Scarborough Drilling License No. 1201188

Address P.O. Box 305 LAMESA, TX 79331

Drilling Began 11/28/07 Completed 11/28/07 Type tools Air Rotary Size of hole 8 3/4 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 110 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 95.10 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
<u>4</u>	<u>sch 20 pvc</u>	<u>+2</u>	<u>90</u>			<u>.020 screen</u>	<u>90</u>	<u>110</u>

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				
<u>0</u>	<u>2</u>	<u>8 3/4</u>	<u>cement</u>		<u>pooured</u>
<u>2</u>	<u>8</u>	<u>8 3/4</u>	<u>barite</u>		<u>pooured</u>
<u>86</u>	<u>110</u>	<u>8 3/4</u>	<u>sand</u>		<u>pooured</u>

Section 5. PLUGGING RECORD

Plugging Contractor John Scarborough Drilling Inc

Address PO Box 305 LAMESA, TX 79331

Plugging Method 1-20-2009

Date Well Plugged _____

Plugging approved by: _____

State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
<u>1</u>	<u>0</u>	<u>110</u>	<u>8.15 cu ft</u>
<u>2</u>			
<u>3</u>			
<u>4</u>			

FOR USE OF STATE ENGINEER ONLY

Date Received _____

Quad _____ FWL _____ FSL _____

File No. _____ Use _____ Location No. _____

Revised June 1972

STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Apache Corporation Owner's Well No. MW2
 Street or Post Office Address P.O. Box 1849
 City and State ELUNICE, N.M. 88231

Well was drilled under Permit No. _____ and is located in the:
SW $\frac{1}{4}$ SE $\frac{1}{4}$ _____ $\frac{1}{4}$ of Section 5 Township 21S Range 37E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
 Subdivision, recorded in LEA County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in
 the _____ Grant.

(B) Drilling Contractor John Scarborough Drilling, Inc. License No. LDD1188
 Address P.O. Box 305 LAMESA, TX 79331

Drilling Began 5/14/08 Completed 5/14/08 Type tools Air Rotary Size of hole 8 3/4 in.

Elevation of land surface or 3504.55 at well is _____ ft. Total depth of well 112 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 96.41 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
<u>4</u>	<u>Sch 20</u>	<u>PVC</u>	<u>+2</u>	<u>92</u>		<u>.020</u>	<u>92</u>	<u>112</u>

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				
<u>2</u>	<u>86</u>	<u>4</u>		<u>Cement</u>	<u>poured</u>
<u>86</u>	<u>89</u>	<u>4</u>		<u>Cement bent</u>	<u>poured</u>
<u>89</u>	<u>112</u>	<u>4</u>		<u> Bentonite</u>	<u>poured</u>
				<u>SAND</u>	<u>poured</u>

Section 5. PLUGGING RECORD

Plugging Contractor John Scarborough Drilling
 Address P.O. Box 305 LAMESA, TX 79331
 Plugging Method Grouted
 Date Well Plugged 1-20-2009
 Plugging approved by: _____

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
<u>1</u>	<u>0</u>	<u>112</u>	<u>8 BAGS</u>
<u>2</u>			
<u>3</u>			
<u>4</u>			<u>Bentonite</u>

State Engineer Representative

FOR USE OF STATE ENGINEER ONLY

Date Received

Quad _____ FWL _____ FSL _____

File No. _____ Use _____ Location No. _____

Revised June 1973

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Apache Corporation Owner's Well No. MW3
 Street or Post Office Address PO Box 1849
 City and State EL PASO, NM 88231

Well was drilled under Permit No. _____ and is located in the:

SW $\frac{1}{4}$ SE $\frac{1}{4}$ _____ $\frac{1}{4}$ of Section 5 Township 21S Range 37E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
 Subdivision, recorded in LEA County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in
 the _____ Grant.

(B) Drilling Contractor John Scarborough Drilling Inc. License No. W01188

Address PO Box 305 LAMESA TX 79331

Drilling Began 5/14/08 Completed 5/14/08 Type tools Air Rotary Size of hole 8 3/4 in.

Elevation of land surface or 3500.26 at well is _____ ft. Total depth of well 102 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 91.63 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
<u>4</u>	<u>sch 20</u>	<u>pvc</u>	<u>+2</u>	<u>82</u>		<u>.020</u>	<u>82</u>	<u>102</u>

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				
<u>0</u>	<u>2</u>	<u>4</u>		<u>cement</u>	<u>poured</u>
<u>2</u>	<u>76</u>	<u>4</u>	<u>cement bentonite</u>		<u>poured</u>
<u>76</u>	<u>79</u>	<u>4</u>	<u>bentonite</u>		<u>poured</u>
<u>79</u>	<u>102</u>		<u>sand</u>		<u>poured</u>

Section 5. PLUGGING RECORD

Plugging Contractor John Scarborough Drilling

Address PO Box 305 LAMESA TX 79331

Plugging Method Freeflow

Date Well Plugged 1-20-2009

Plugging approved by: _____

State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
<u>1</u>	<u>0</u>	<u>102</u>	<u>7 BMS</u>
<u>2</u>			
<u>3</u>			<u>Bentonite</u>
<u>4</u>			

FOR USE OF STATE ENGINEER ONLY

Date Received _____

Quad _____ FWL _____ FSL _____

File No. _____ Use _____ Location No. _____

Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD
Sent: Monday, March 02, 2009 4:35 PM
To: 'Cindy Crain'
Cc: Gladden, Natalie; Swain, Harold; Price, Wayne, EMNRD
Subject: RE: Request for Extension - Approval, Apache Corporation - Hawk A-5 #3 (1RP # 1753 - Termination)

Dear Ms. Crain:

The New Mexico Oil Conservation Division (NMOCD) has reviewed your request for extension of submittal of plugging report for Remediation Plan, 1R-1753. The OCD hereby approves the request for extension of the report until Wednesday, March 4, 2009.

Also, please be advised that NMOCD approval of this extension for submittal does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

If you have questions regarding this matter, please contact me at 505-476-3489.

Edward J. Hansen
Hydrologist
Environmental Bureau

From: Cindy Crain [mailto:cindy.crain@gmail.com]
Sent: Thursday, January 15, 2009 1:29 PM
To: Price, Wayne, EMNRD
Cc: Hansen, Edward J., EMNRD; Gladden, Natalie; Swain, Harold
Subject: Request for Extension, Apache Corporation - Hawk A-5 #3 (1RP # 1753 - Termination)

Dear Wayne,

Per the email below, termination of remediation at the Apache Corporation, Hawk A-5 #3 site was granted by Edward Hansen on November 17, 2008. Mr. Hansen requested that plugging reports for the three monitoring wells at the site be submitted within 60 days of that date, which would be January 17, 2009.

Due to unavailability of the drilling rig, the wells have not been plugged as of this date. Plugging is scheduled for Tuesday, January 20, 2009.

On behalf of Apache Corporation, a 45-day extension is requested for the submission of the plugging reports to your office.

If you have any questions or need additional information, please give me a call.

Thank you,

Cindy Crain
Ocotillo Environmental
(575) 441-7244

----- Forwarded message -----

From: **Hansen, Edward J., EMNRD** <edwardj.hansen@state.nm.us>

Date: Mon, Nov 17, 2008 at 3:37 PM

Subject: RE: Apache Corporation - Hawk A-5 #3 (1RP # 1753 - Termination)

To: Harold.Swain@usa.apachecorp.com

Cc: "Price, Wayne, EMNRD" <wayne.price@state.nm.us>, "VonGonten, Glenn, EMNRD" <Glenn.VonGonten@state.nm.us>, "Johnson, Larry, EMNRD" <larry.johnson@state.nm.us>, cindy.crain@gmail.com

RE: "Groundwater Monitoring Report"

for the Apache Corporation's

Hawk A-5 #3 Temporary Pit Release Site

Unit Letter O, Section 5, T21S, R37E, Lea County, New Mexico

Remediation Plan (1R-1753) Termination

Dear Mr. Swain:

The New Mexico Oil Conservation Division (OCD) has received the groundwater monitoring report for the Hawk A-5 #3 Temporary Pit Release Site, dated June 24, 2008, and has conducted a review of the report. The report indicates that the Apache Corporation has completed the remediation requirements under OCD Rule 116 for the release at the site. Therefore, the OCD hereby conditionally approves the report and gives notice that the Remediation Plan (1R-1753) is terminated:

Apache Corporation must submit a plugging report for the three groundwater monitoring wells at the site to the OCD within 60 days.

Please be advised that NMOCD approval of this report does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

If you have any questions regarding this matter, please contact me at 505-476-3489.

Edward J. Hansen

Hydrologist

Environmental Bureau

Oil Conservation Division

EMNRD

1220 S. St. Francis Dr.

Santa Fe, NM 87505

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