-12 070 て Apache Washington 33 NF # 38 NEW MEXICO OIL CONSERVATION DIVISION Engineering Bureau -1220 South St. Francis Drive, Santa Fe, NM 87505 ABOVE THIS LINE FOR DIVISION USE ONLY 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] Location - Spacing Unit - Simultaneous Dedication [A] NSL NSP Apache Corporation's SD Washington 33 State 38 30-015-40014 Check One Only for [B] or [C] J-33-175-28E Commingling - Storage - Measurement [B]DHC CTB PLC PC OLS OLM Injection - Disposal - Pressure Increase - Enhanced Oil Recovery [C] WFX PMX SWD IPI EOR PPR [D] Other: Specify [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply Working, Royalty or Overriding Royalty Interest Owners [A] [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, Waivers are Attached [F]

[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.

Print or Type Name

BRIAN WOOD (505) 466-8120 FAX 466-9682

Signature

Title

Date

CONSULTANT

5-22-12

e-mail Address brian@permitswest.com



REQUEST FOR ADMINISTRATIVE APPROVAL NONSTANDARD LOCATION APACHE CORPORATION WASHINGTON 33 STATE 38 1525' FSL & 2360' FEL SECTION 33, T. 17 S., R. 28 E., EDDY COUNTY, NM API 30-015-40014

I. The proposed well is on New Mexico State Land Office (NMSLO) oil and gas lease X0-0647-0408 and private surface (Bogle Ltd. Company). The well bore will be 1,525' from the closest (south) lease line. The proposed oil well is nonstandard for the Artesia; Glorieta-Yeso (O) Pool (96830) due to land uses (three buried pipelines). A copy of the APD cover sheet is attached (EXHIBIT A).

Apache requests a nonstandard location due to land uses. There are multiple power lines, multiple pipelines, satellite, one water injection well, two other proposed Yeso wells, one Queen-Grayburg-San Andres well, and five plugged and abandoned wells in the NWSE Section 33.

The 480 acre state lease comprises the E2 and E2W2 of Section 33. The well was planned to be staked at 1650 FSL & 2310 FEL. However, that would force at least three buried pipelines and one surface pipeline to be moved (see EXHIBIT B).

A standard location must be at least 330' from the quarter-quarter line. The well bore is 205' from the closest quarter-quarter line (south side of the quarter-quarter) and 280' from the next closest quarter-quarter line (west side of the quarter-quarter). It is 50' too far west and 125' too far south (see C-102 as EXHIBIT C).

II. A C-102 form showing the well and 40 acre pro ration unit (NWSE Section 33) is attached as EXHIBIT C.

The oil and gas lease boundary is marked as a solid line on the attached (EXHIBIT D) topographic map. The well bore encroaches 50' too far west and 125' too far south. The encroachment is toward the interior of the same state lease (X0-0647-0408).

There are ten existing or proposed Yeso wells in the encroached quarter-quarters (2 in NESW, 4 in SESW, and 4 in SWSE; all Section 33). All

encroached quarter-quarters are part of the same state lease and all ten wells are Apache wells. All eight bordering or cornering quarter-quarters are on the same state lease (EXHIBIT D).

III. See Exhibit E for existing and approved but not yet drilled Yeso wells (circles). Apache operates all existing or proposed Yeso wells (circles on EXHIBIT E) in all 8 of the 8 offset quarter-quarters. Closest (611') existing or approved Yeso well is Apache's approved, but not yet drilled, Washington 33 State 57 (30-015-40159) at 1565 FSL & 1750 FEL 33-17s-28e.

This information is current and correct.

IV. See Exhibits C and E for the proposed well, proration unit, drilling windows, and all wells. Apache does not believe it is cost effective to directionally drill this well from an existing pad.

V. See Exhibit B for surface uses (three buried pipelines) that prevent use of a standard location. There are multiple power lines, multiple pipelines, satellite, one water injection well, two other proposed Yeso wells, one Queen-Grayburg-San Andres well, and five plugged and abandoned wells in the NWSE Section 33.

VI. Archaeology is not an issue.

VII. The well was planned to be staked at 1650 FSL & 2310 FEL. However, that would force at least three buried pipelines and one surface pipeline to be moved (see EXHIBIT B).

VIII. Apache does not believe directional drilling to a standard bottom hole location is cost effective for this well.

IX. I hereby certify that Apache Corporation has 100% of the Yeso working interest in the lease which comprises the proposed 40 acre spacing unit and the adjacent quarter-quarters on one or more of the two sides or the single closest corner to the proposed well toward which it encroaches and that the information is current and correct.

I hereby attest that I, on or before the date that the application was



submitted to the division, sent notification to the affected persons (see Exhibit F) by certified mail, return receipt requested, advising them that if they have an objection it must be filed in writing within 20 days from the date the division receives the application. These affected persons have working or royalty interests in quarter-quarters which border the 40 acre spacing unit. Said notice was sent to:

NM State Land Office

Brian Wood, Consultant

STATE OF NEW MEXICO

COUNTY OF SANTA FE

The foregoing instrument was acknowledged before me this 21st day of May, 2012 by Brian Wood. Witness my hand and official seal.

OFFICIAL SEAL 🛿 K. WOOD Av Commission Expire

Notary Public My Commission Expires: <u>9-10-15</u> Business Address: 37 VERANO LOOP, SANTA FE, NM 87508

cc: Flores, OCD (Artesia & Santa Fe)



) SS:) 5-21-12

Date

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 8750
Phone (505) 476-3470 Fee: (505) 476-3462

ARTESIA; GLORIETA-YESO (O)

State of New Mexico Energy, Minerals and Natural Resources

Permit 145182

96830

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

APP	LICATIO	N FOR PE	RMIT TO	DRILL	RE-ENTER	<mark>, DEEPE</mark> N,	PLUGBAC	K, OR AD	D A ZONE	
		1. Op		2. OGRID N	ember					
	APACHE CORP									
	303 Veterans Airpark Lane Midland, TX 79705							3. API Numb		
								30-015-40	0014	
4.1	Property Code		5. Property Name					6. Well No.		
	309175		WASHINGTON 33 STATE						038	
7. Surface Location										
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County	
J	33	17S	28E	1	1525	S	2360	E	EDDY	

8. Pool Information

M-1	_		Additional Well Information	ion	
9. Werk Type New Well	10. Well Type OIL		11. Cable/Rotary	12. Lesse Type State	13. Ground Level Elevation 3663
14. Multiple 15. Proposed Depth N 5100			16. Formation Yeso Formation	17. Centractor	18. Spod Date
Depth to Ground water			Distance from nearest fresh water wei	Distance to nearest surface water	

19. Proposed Casing and Cement Program

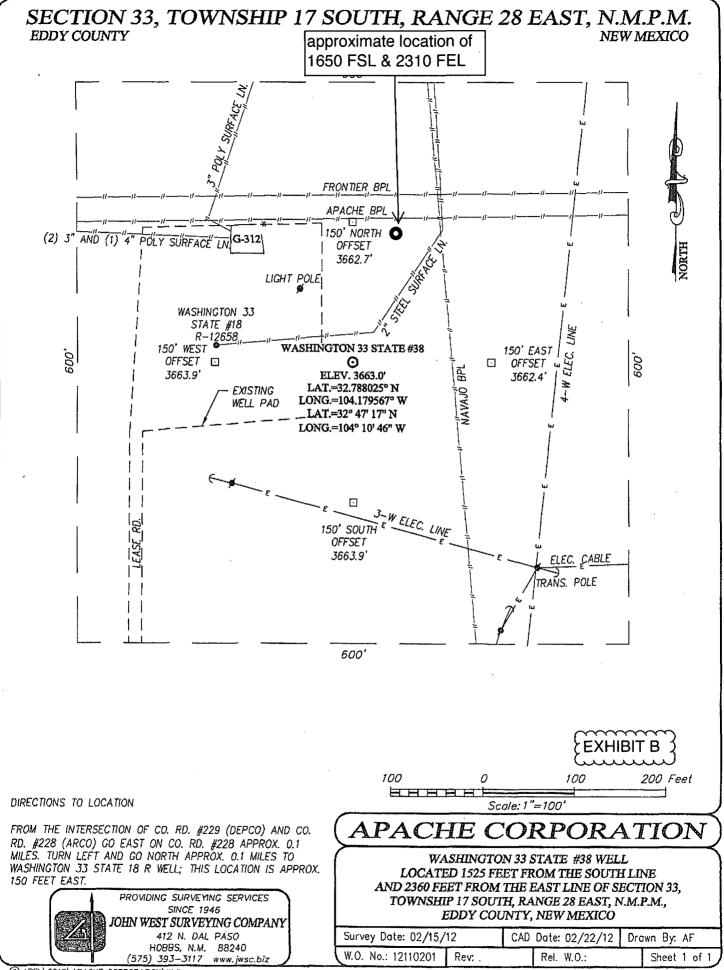
Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8. 6 25	24	500	350	
Prod	7.875	5.5	17	5100	750	

Casing/Cement Program: Additional Comments

Туре	Working Pressure	Test Pressure	Manufacturer
Hydril	3000	2000	

of my knowledge and belief. I further certify that the dril	ation given above is true and complete to the best ling pit will be constructed according to	OIL CONSERVATION DIVISION				
NMOCD guidelines [], 2 ge OCD-approved plan [].	zeral permit [], or an (attached) alternative	Approved By: Randy Dade				
Printed Name: Electronic	ally filed by Bobby Smith	Title: District Supervisor				
Title:		Approved Date: 3/7/2012	Expiration Date: 3/7/2014			
Email Address: bobby.sn	aith@apachecorp.com					
Date: 3/5/2012	Phone: 432-818-1020	Conditions of Approval Atta	iched			

XHIBIT



C ABEL 2012 APACHE CORPORATION Wells

Looking west from approximate standard location of 1650 FSL & 2310 FEL.



<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 <u>District II</u> 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462 State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505 Form C-102 August 1, 2011

Permit 145182

1. API Number	2. Pool Code	ARTESIA;	3. Pool Name
30-015-40014	96830		GLORIETA-YESO (O)
4. Property Code	5. Propert	6. Well No.	
309175	WASHINGTO	038	
7. OGRID No.	8. Operato	9. Elevation	
873	APACHE	3663	
675	10. Surface	12.2	5005

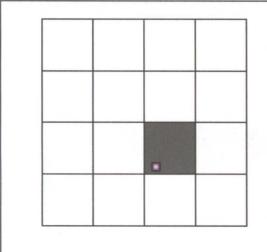
WELL LOCATION AND ACREACE DEDICATION PLAT

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
J	33	17S	28E		1525	S	2360	E	EDDY

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Town	mship	Range	Lot	Idn	Feet From	N/S L	ine	Feet From	E/W Line	County
	12. Dedicated Acres 13. Joint or Infiti 40.00			14	Consolidation (Code			15. Order No.			

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 that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

E-Signed By: Bobby Smith

Title:

Date: 3/5/2012

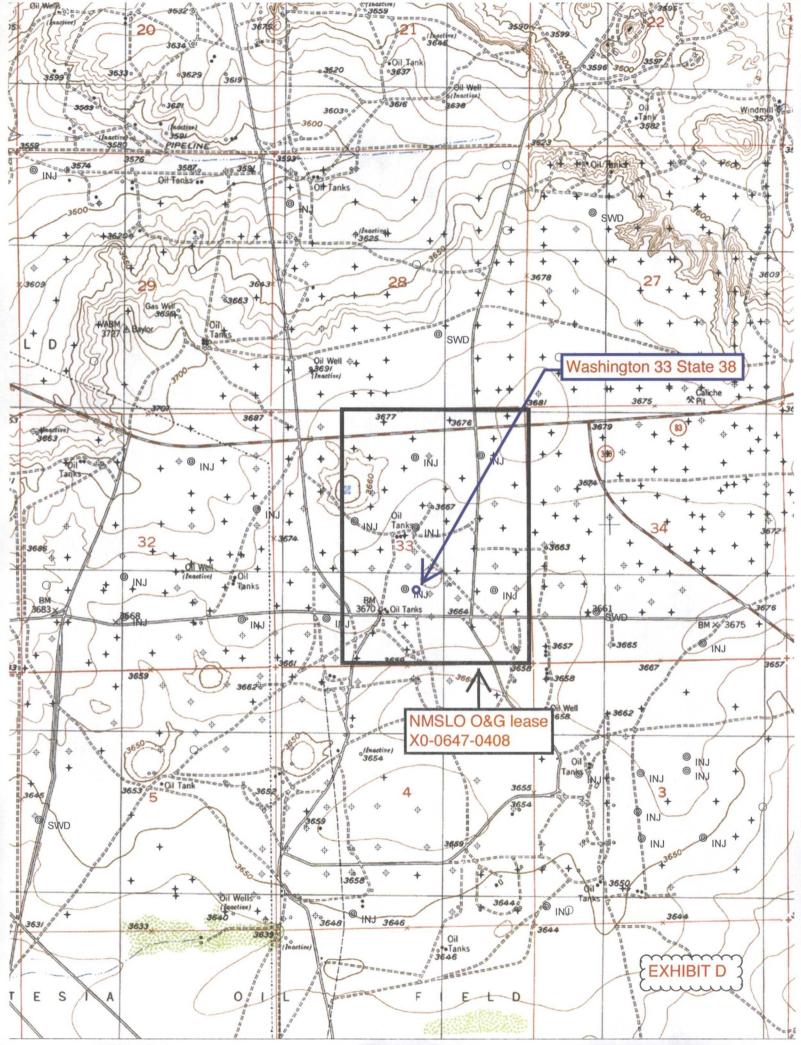
SURVEYOR CERTIFICATION

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.

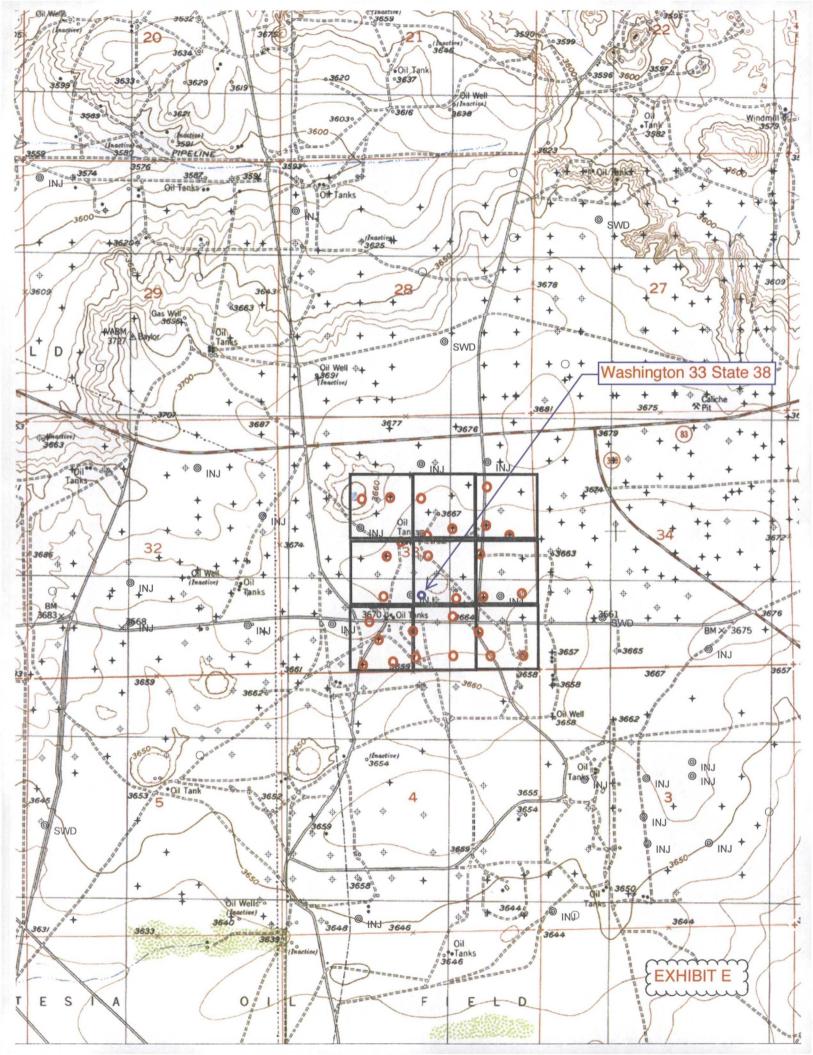
Surveyed By: RONALD EIDSON

Date of Survey: 2/15/2012 Certificate Number: 3239





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PROVIDING PERMITS for LAND USERS 37.Verano Loop, Santa Fe, New Mexico 87508 (505) 466-8120

May 21, 2012

Scott Dawson NM State Land Office P. O. Box 1148 Santa Fe, NM 87504

Dear Scott,

As required by New Mexico Oil Conservation Division Rules, 1 am notifying you of the following nonstandard location (NSL) for a well. This letter is a notice only. No action is needed unless you have questions or objections.

Apache Corporation is applying to drill its Washington 33 State 38 oil well. The minimum state distance for such a well is 330' from a quarter-quarter line. The well is 100' further west than is standard (see attachment). Thus, it is a nonstandard location. The NSL is due to land uses.

Well Name:Washington 33 State 38Where:1525 FSL & 2360 FEL 33-17s-28eProposed NSL Zone:Artesia; Glorieta-Yeso (O)TD:5,100'NSL Acreage Dedication:40 acres (NWSE Section 33, T. 17 S., R.28 E., Eddy County, NMon State lease X0-0647-0408 (well is 1525' from the closest lease boundary)Approximate Location:~12 air miles west-southwest of Loco Hills, NMApplicant Name:Apache Corporation(432)Applicant's Address:303 Veterans Airpark Lane, Suite 300, Midland, TX 79705

<u>Submittal Information</u>: Application for a nonstandard location will be filed with the NM Oil Conservation Division (NMOCD). If you have an objection, then it must be filed in writing within 20 days from the date the NMOCD receives the application. The New Mexico Oil Conservation Division address is 1220 South St. Francis Dr., Santa Fe, NM 87505. Their phone number is (505) 476-3440.

Please call me if you have any questions.

7387.	Fordelivery information visitiour website at www.uspercom
1601	Postage \$
3500,0002	Certified Fee Return Receipt Fee (Endorsement Required) Restricted Delivery Fee (Endorsement Required) Total Postage & Fees \$ 5 - 5
TTOL	Sent To Street, Apt. No.; or PQ Box No. City, State, ZIP+4
	PS Form 3800, August 2006

Sincerely,

Brian Wood

EXHIBITE

From:Brooks, David K., EMNRDSent:Monday, June 04, 2012 12:03 PMTo:'brian@permitswest.com'Subject:Apache Corporation - Washington 33 State Wells ## 37 and 38 - NSL applications

Dear Mr. Wood

I need to call your attention to a defect in Paragraph IX of your standard template for NSL applications.

Your paragraph IX states that "Apache Corporation has 100% of the Yeso working interest in the lease which comprises the proposed 40 acre spacing unit and the adjacent quarter-quarters on one or more of the two sides or the single closest corner to the proposed well toward which it encroaches."

I concluded that the above statement is problematic when analyzing your application for the Washington 33 State #38, because it appears that the proposed location for that well is 205 feet from the south line of the spacing unit, and 280 feet from the west line of the spacing unit, and therefore encroaches toward <u>both</u> the west and south lines, as well as the southwest corner. Ready literally, your template statement tells me only that Apache owns the working interest on "one or more of the two sides" toward which it encroaches. Clearly we cannot accept this as a certification complying with 19.15.15.13 NMAC because where the encroachment is toward two sides, we need to know about ownership of the units adjoining on both of the two sides, not mere "one or more of the two sides."

Please advise if Apache indeed owns 100% of the working interest in Units K, N and O of Section 33 (Washington State 33 #38 application) and in Unit D of Section 33 and Unit M of Section 28 (Washington State 33 #37).

In future applications, please conform your template statement to the facts of each case so that OCD will know that you have correctly identified the spacing unit or units encroached upon, and we may have confidence that your list of affected persons includes the proper parties in all of the encroached upon units.

Also, OCD rules do not require that notice be sent to the State Land Office for NSL applications unless the proposed location encroaches upon unleased State minerals. While I am sure that SLO will appreciate being apprised of what your client is doing, your inclusion of the language about the 20-day protest period in you notice to SLO requires us to hold these applications for 20 days, which, if the working interest ownership is truly identical as to all encroached upon spacing units, would otherwise not be necessary.

Sincerely

David K. Brooks Legal Examiner

}

From:Brooks, David K., EMNRDSent:Tuesday, June 05, 2012 10:17 AMTo:'Brian Wood'Subject:RE: Apache Corporation - Washington 33 State Wells ## 37 and 38 - NSL applications

Dear Mr. Wood

Thanks for the information.

Re #38: Please continue checking on ownership of Unit N. That is the diagonal. My interpretation is that a location encroaches on a diagonal offset unless it is at least 467 feet from the common corner (*i.e.*, the distance that the closest orthodox location would be -330 feet each way=467 feet diagonally).

Re #37: Please furnish a certificate of service on ConocoPhillips and Atrofina that complies with 19.15.15.13.D NMAC.

Thanks

David K. Brooks

From: Brian Wood [mailto:brian@permitswest.com]
Sent: Monday, June 04, 2012 6:44 PM
To: Brooks, David K., EMNRD
Subject: Re: Apache Corporation - Washington 33 State Wells ## 37 and 38 - NSL applications

#38:

Apache has 100% of the Yeso WI in K and O 33-17s-28e. I am checking on N 33-17s-28e. #38 is 347' from that quarter-quarter.

#37:

Apache does not have Yeso WI in D 33-17s-28e. Apache does not have Yeso WI in M & N 28-17s-28e. Therefore, I notified ConocoPhillips and Atofina who do have the Yeso. Should I revise that paragraph? On Jun 4, 2012, at 12:02 PM, Brooks, David K., EMNRD wrote:

Dear Mr. Wood

I need to call your attention to a defect in Paragraph IX of your standard template for NSL applications.

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In future applications, please conform your template statement to the facts of each case so that OCD will know that you have correctly identified the spacing unit or units encroached upon, and we may have confidence that your list of affected persons includes the proper parties in all of the encroached upon units.

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Sincerely

From:
Sent:
То:
Subject:

Brian Wood <brian@permitswest.com> Tuesday, June 05, 2012 9:13 AM Brooks, David K., EMNRD Re: Apache - Washington 33 State Well #38 - NSL

Regarding #38

Apache has confirmed that they have 100% of Yeso WI in N-33-17s-28e. As I stated last evening, they also have 100% of Yeso WI in K & O 33-217s-28e. On Jun 4, 2012, at 12:02 PM, Brooks, David K., EMNRD wrote:

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