

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

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

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Apache Corporation 6120 South Yale, Suite 1500 Tulsa, OK 74136-4224		² OGRID Number 00873
		³ API Number 30-025-06582
³ Property Code 23111	⁵ Property Name Smith	⁶ Well No. 1
⁹ Proposed Pool 1 Tubb Oil & Gas (Oil)		¹⁰ Proposed Pool 2

⁷ Surface Location									
UL or lot no. G	Section 14	Township 21S	Range 37E	Lot Idn	Feet from the 1980	North/South line North	Feet from the 1980	East/Westline East	County Lea

⁸ Proposed 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/Westline	County

Additional Well Information				
¹¹ Work Type Code P	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3429' DF
¹⁶ Multiple	¹⁷ Proposed Depth	¹⁸ Formation	¹⁹ Contractor	²⁰ Spud Date
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> milstuck Clay <input type="checkbox"/> Pit Volume: bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				


²¹ Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/4"	13-3/8"	48#	205'	250	0
11"	8-5/8"	28.55 & 32#	3000'	2400	0
7-7/8"	5-1/2"	15.5#	6808'	300	

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.
Present Productive Zone: Wantz Abo 6808-7108'

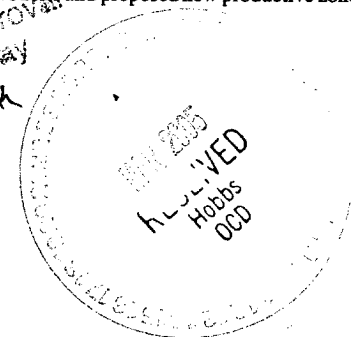
Proposed Productive Zone and Plug Back Procedure: Tubb 6066-6310'

1. MIRU. POOH with prod equipment.
2. Set CIBP @ 6750', top with cement.
3. Run CBL.
4. Set CIBP @ +/- 6475', top with cement.
5. Perf Tubb 6066-6310'.
6. Set packer +/- 6000' and swab acid then frac.
7. RIH with tubing and prod equipment.

Apache will use a 100 bbl steel tank with an open top for this procedure. ✓

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOC guidelines <input type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/>		OIL CONSERVATION DIVISION	
Printed name: Elaine Linton		Approved by: 	
Title: Engineering Technician		Title: PETROLEUM ENGINEER	
E-mail Address: elaine.linton@apachecorp.com		Approval Date: MAR 29 2005 Expiration Date:	
Date: 03/24/2005	Phone: (918)491-5362	Condition of Approval Attached <input type="checkbox"/>	

Permit Expires 1 Year From Approval Date Unless Drilling Underway Plugback



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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-06582		² Pool Code 60240		³ Pool Name Tubb Oil & Gas (Oil)	
⁴ Property Code 23111		⁵ Property Name Smith			⁶ Well Number 1
⁷ OGRID No. 00873		⁸ Operator Name Apache Corporation			⁹ Elevation 3429' DF

¹⁰ **Surface Location**

UL or lot no. G	Section 14	Township 21S	Range 37E	Lot Idn	Feet from the 1980	North/South line North	Feet from the 1980	East/West line East	County Lea
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¹¹ **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
¹² Dedicated Acres 40		¹³ Joint or Infill		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

<div style="text-align: center;"> </div>	<p>¹⁶</p>	<p>¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Elaine Linton</i> Signature Elaine Linton Printed Name Engineering Technician elaine.linton@apachecorp.com Title and E-mail Address 03/24/2005 Date</p>
		<p>¹⁸ 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.</p>
		<p>Date of Survey Signature and Seal of Professional Surveyor:</p>
		<p>Certificate Number</p>