

Submit 1 Copy To Appropriate District Office  
 District I – (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II – (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III – (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV – (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-103

Revised July 18, 2013

HOBBS OCD  
 RECEIVED  
 8/15/17

WELL API NO. 30-025-31508
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B1382-5
7. Lease Name or Unit Agreement Name NORTH MONUMENT G/SA UNIT [302708]
8. Well Number #25 (old #25)
9. OGRID Number 873
10. Pool name or Wildcat [23000] EUNICE MONUMENT; GRAYBURG-
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3698 GL

**SUNDRY NOTICES AND REPORTS ON WELLS**  
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well  Gas Well  Other

2. Name of Operator  
Apache Corporation

3. Address of Operator  
303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705

4. Well Location  
 Unit Letter I : 1330 feet from the SOUTH line and 1300 feet from the EAST line  
 Section 18 Township 19S Range 37E NMPM County LEA

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL. <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <u>ACID &amp; ADD PAY</u>	<input checked="" type="checkbox"/>	OTHER:	<input type="checkbox"/>

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Apache request completion of the following work:

Work Objective: Add pay and acidize upper interval in the Grayburg

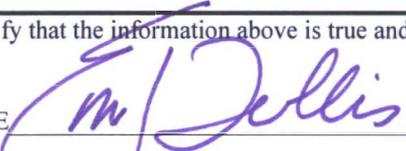
3755' – 78'  
 3812' – 26'

See attached procedures & WBD

Spud Date: 07/09/92

Rig Release Date:  

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

SIGNATURE  TITLE Reg Analyst DATE 08/01/2017

Type or print name Emily Follis E-mail address: Emily.follis@apachecorp.com PHONE: (432) 818-1801

**For State Use Only**

APPROVED BY:  TITLE Petroleum Engineer DATE 08/04/17

Conditions of Approval (if any):

NMGSAU #225 (30-025-31508)

AFE: 11-17-1275

Work Objective: Add pay and acidize upper interval in the Grayburg.

Day 1: RU SU. POOH w/pump and rods.

NU BOP. POOH w/tubing. Note scale and paraffin deposits as well as location of deposits on report. Notify Midland engineering of type and amount of scale encountered as soon as tubing is pulled.

Day 2: RIH w/bit and scraper. RIH to  $\pm 3966'$  and tag for fill. POOH.

MIRU WL Unit. Perforate as follows w/4 SPF and 90 degree phasing:

3755' – 78'

3812' – 26'

RIH w/RBP. **Set RBP @  $\pm 3828'$ . Set packer @  $\pm 3725'$ .** Acidize Upper Grayburg w/3000 gals 15% HCl acid (Grayburg Blend) and ball sealers. Record ISIP, 5 min, 10 min, and 15 min shut-in pressures.

Release packer. RIH and latch RBP. Release RBP and POOH w/packer and RBP.

Day 4: Finish POOH w/tubing and lay down packer and RBP. Test in hole w/2-7/8" tubing. RIH w/pump and rods. POP.

# Apache Corporation

Work Objective \_\_\_\_\_

Current \_\_\_\_\_

Region Office \_\_\_\_\_

Permian / Midland \_\_\_\_\_

District / Field Office \_\_\_\_\_

NW / Eunice South \_\_\_\_\_

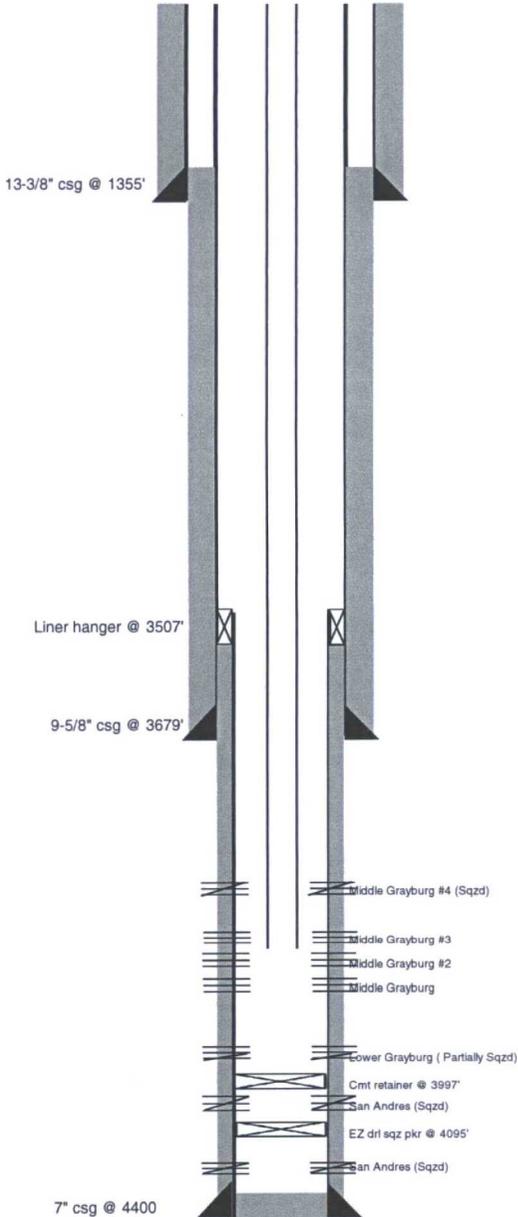
AFE Type \_\_\_\_\_

Start Date	TBD	End Date	TBD
Lease	NMGSAU	KB	
Well Name	NMGSAU #225	Well No.	225
Field	Eunice Monument	TD @	4400'
County	Lea	PBTD @	4332'
State	New Mexico	ETD @	N/A
AFE #	TBD	API #	30-025-31508
Gross AFE	TBD	Spud Date	7/9/1992
Apache WI	43.230000%	Comp. Date	11/25/1992

Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	13-3/8"	H-40	48#	1355'	1111	Circulated to surface
Inter Csg						
Prod Csg	9-5/8"	K-55	36#	3679'	870	1276' (CBL)
Casing Liner	7"	K-55	23#	3507' - 4400'	236	Has liner hanger

Date	Zone	Actual Perforations	JSPF	Total Perfs
10/5/1992	SA	4124', 28', 32' (Sqzd)	2	6
10/9/1992	SA	4003', 08', 12', 16', 29', 34', 40'	2	14
10/14/1992	Lower Grayburg	3944' - 80'	2	73
10/22/1992	Middle Grayburg	3906' - 3924'	2	37
10/29/1992	Middle Grayburg #2	3874' - 3886'	2	25
11/6/1992	Middle Grayburg #3	3830' - 3845'	2	31
11/11/1992	Middle Grayburg #4	3758' - 3776'	2	38
11/20/1992	Various Grayburg	3847' - 3860', 3892' - 3899', 3902' - 3906', 3922' - 3928'	2	60
10/7-12/1993	Lower Grayburg	DO to 3966'. Perf 3944' - 3952'	2	10

Date	Zone	Stimulation / Producing Interval	Amount
10/5/1992	SA	Acidized 4124' - 32' w/ppi packer individually w/minimal acid	
10/9/1992	SA	Sqz 4142' - 32' w/100 sx cement under squeeze packer.	
10/10/1992	SA	Acidized 4003' - 40' w/ppi packer individually w/minimal acid	
10/14/1992	SA	Sqz 4003' - 40' w/136 sx cement under cement retainer	
10/15/1992	Lower Grayburg	Acidized w/2000 gals acid w/ppi packer individual perf groups	
10/22/1992	Lower Grayburg	Sqz 3944' - 3980' w/200 sx cement under cement retainer	
10/23/1992	Middle Grayburg	Acidized w/1200 gals acid w/ppi packer individual perf groups (all but top zone communicated)	
10/29/1992	Middle Grayburg #2	Acidized w/840 gals acid w/ppi packer individual perf groups (all but top zone communicated)	
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10/13/1993	All Grayburg	Acidize w/5000 gals 15% HCl w/wash tool?	



Apache Representative \_\_\_\_\_

Contract Rig/Number \_\_\_\_\_

Apache Engineer \_\_\_\_\_

Jacob Bower

Operator \_\_\_\_\_

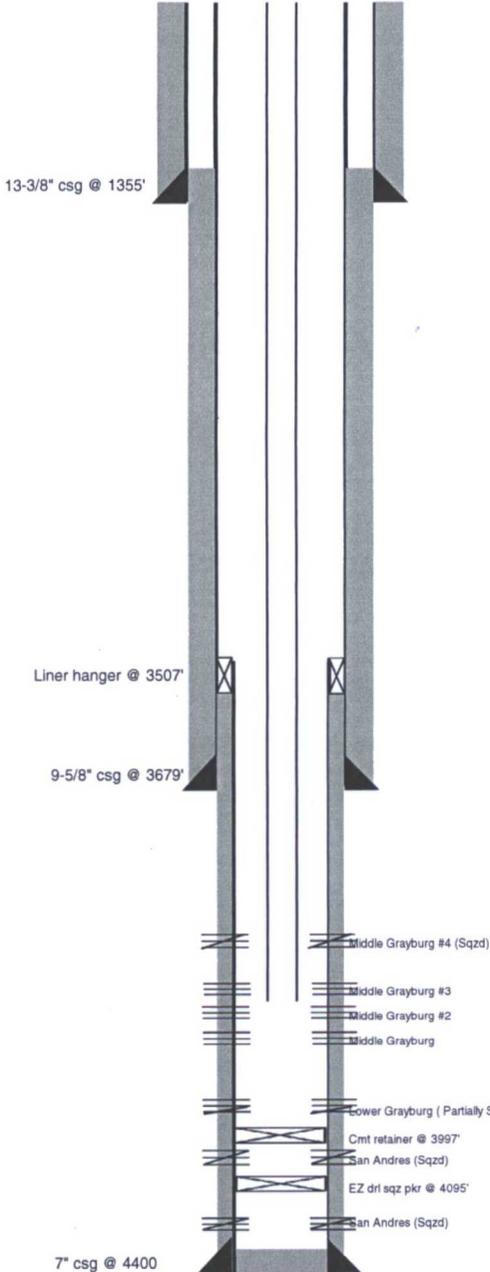
# Apache Corporation

Work Objective Proposed - Add Pay in Upper Grayburg

Region Office Permian / Midland  
 District /Field Office NW / Eunice South  
 AFE Type \_\_\_\_\_

Start Date	TBD	End Date	TBD
Lease	NMGSAU	KB	
Well Name	NMGSAU #225	Well No.	225
Field	Eunice Monument	TD @	4400'
County	Lea	PBTD @	4332'
State	New Mexico	ETD @	N/A
AFE #	TBD	API #	30-025-31508
Gross AFE	TBD	Spud Date	7/9/1992
Apache WI	43.230000%	Comp. Date	11/25/1992

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TBD	Upper Grayburg	3755' - 78', 3812' - 26'	4	

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TBD	Upper Grayburg	Acidize Upper Grayburg w/3000 gals 15% HCl and ball sealers	

Apache Representative \_\_\_\_\_ Contract Rig/Number \_\_\_\_\_  
 Apache Engineer Jacob Bower Operator \_\_\_\_\_

## Follis, Emily

---

**From:** Bower, Jacob  
**Sent:** Monday, July 31, 2017 9:52 AM  
**To:** Follis, Emily  
**Subject:** NMGSAU #225 Add Pay NOI  
**Attachments:** NMGSAU #225 WBD Proposed.xlsx; NMGSAU #225 WBD Current.xlsx; Add Pay and Acidize - NMGSAU #225 Procedure.docx

Emily,

Attached, please find the necessary documentation to submit an NOI for this work

Thanks,

### JACOB BOWER

PRODUCTION ENGINEER II

Permian Region – Northwestern District

direct 432-818-1961 | mobile 918-671-2575 | office 6208A

### APACHE CORPORATION

303 Veterans Airpark Lane, Suite 3000

Midland, Texas 79705

NMGSAU #225 (30-025-31508)

AFE: 11-17-1275

Work Objective: Add pay and acidize upper interval in the Grayburg.

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3755' - 78'

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Hobbs NO I C103

-  
3840-3952

# Apache Corporation

Work Objective

Current

Region Office

Permian / Midland

District /Field Office

NW / Eunice South

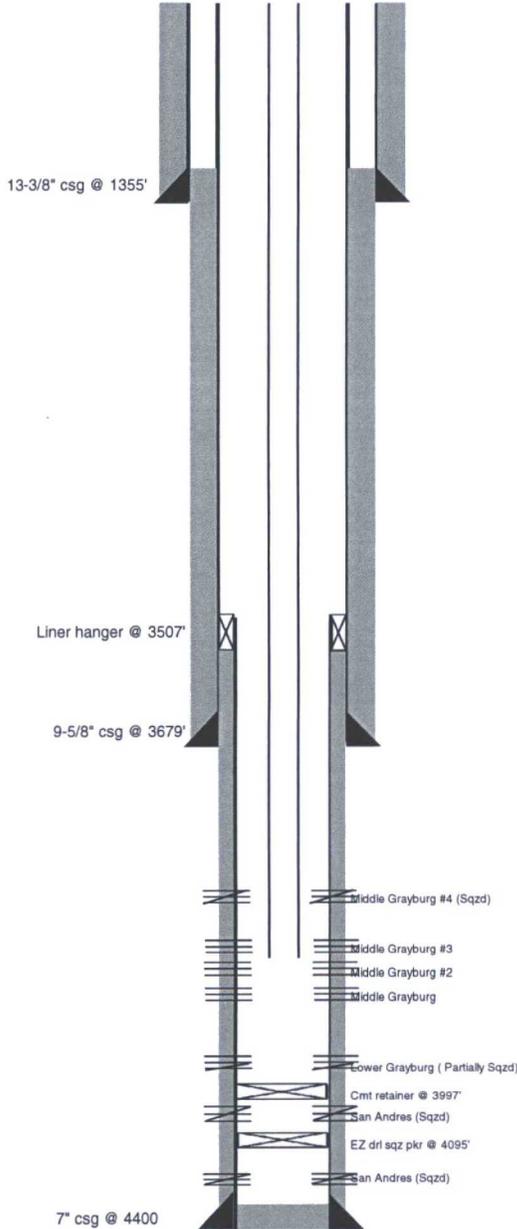
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Apache Representative \_\_\_\_\_

Contract Rig/Number \_\_\_\_\_

Apache Engineer

Jacob Bower

Operator \_\_\_\_\_

# Apache Corporation

Work Objective **Proposed - Add Pay in Upper Grayburg**

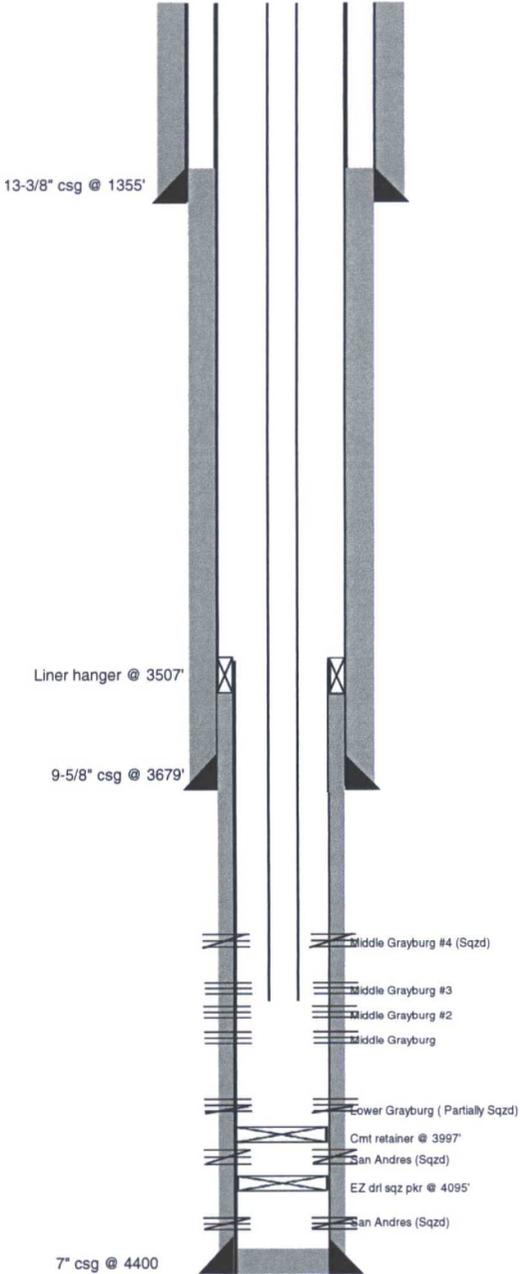
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Contract Rig/Number \_\_\_\_\_

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Jacob Bower

Operator \_\_\_\_\_