

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., 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-103
June 19, 2008

RECEIVED SEP 23 2010 HOBSOCD		CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505	
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.)		WELL API NO. 30-025-06598	
1. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other: ☒		5. Indicate Type of Lease STATE ☐ FEE ☒	
2. Name of Operator Apache Corporation		6. State Oil & Gas Lease No.	
3. Address of Operator 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705		7. Lease Name or Unit Agreement Name Warlick, LG C	
4. Well Location Unit Letter O : 405 feet from the South line and 2310 feet from the East line Section 15 Township 21S Range 37E NMPM County Lea		8. Well Number 007	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3416' GL		9. OGRID Number 873	
		10. Pool name or Wildcat Penrose Skelly; Grayburg	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☒	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
OTHER: ☐		OTHER: ☐	

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Apache intends to squeeze, perf & frac the Grayburg, per the attached procedure:

Spud Date:

02/13/1951

Rig Release Date:

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

SIGNATURE

Reesa Holland

TITLE Sr. Engr Tech

DATE 09/22/2010

Type or print name Reesa Holland

E-mail address: Reesa.Holland@apachecorp.com

PHONE: 432/818-1062

For State Use Only

APPROVED BY:

[Signature]

TITLE

PETROLEUM ENGINEER

DATE

SEP 23 2010

Conditions of Approval (if any):

Am



AFE No: TW- 10- 4183

L.G. Warlick C #7

API #: 30-025-06598

405' FSL & 2310' FEL

Section 15, Township 21S, Range 37E

Lea County, New Mexico

Squeeze Grayburg A & Perf/Frac Grayburg B & C Pay

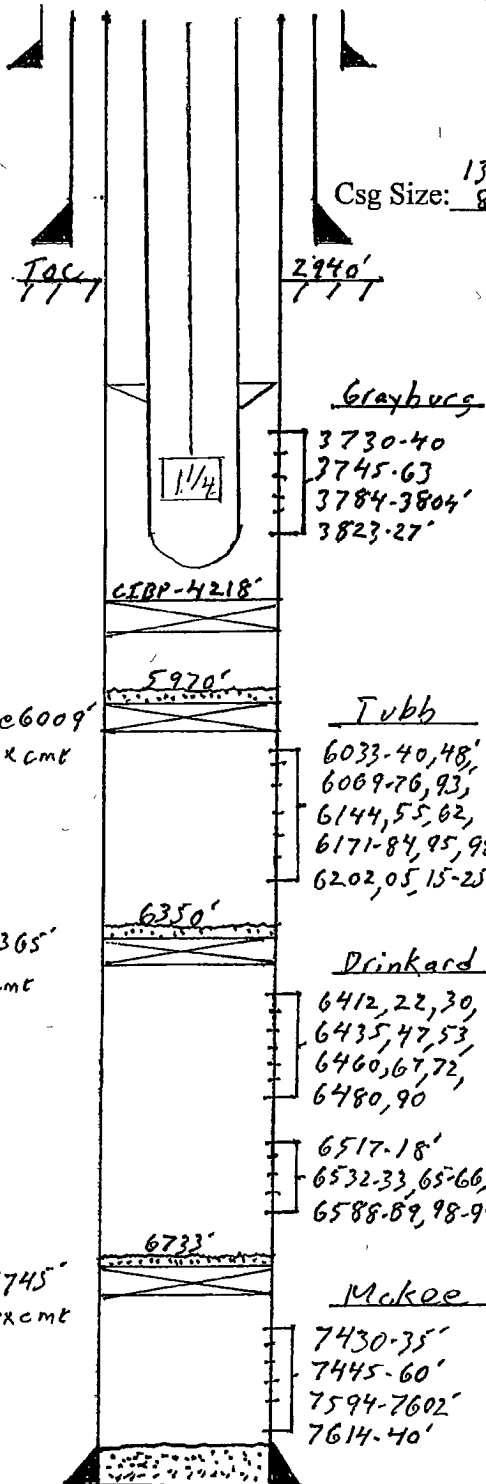
31 August 2010

Recommended Procedure:

1. MIRU pulling unit. POOH w/rods & pump. POOH w/2-3/8" prod tbg.
2. Run w/4-3/4" bit & 5-1/2", 17# csg scraper on 2-7/8" ws. If necessary, clean well out to +/- 4200'. POOH.
3. RU wireline service. RIH w/Compensated Neutron / GR / CCL log. Log well from PBTD to 3400'. POOH. (Send logs to Midland office for evaluation).
4. RIH w/cmt retainer. Set retainer @ +/-3660'. Squeeze Grayburg A interval 3730' – 3827' w/100 sx cmt. Attempt to get squeeze of at least 1,000 psi. POOH w/tbg.
5. RIH w/4-3/4" bit, DCs & BHA on 2-7/8" ws. Drill out retainer & cmt. Pressure test squeeze to 500 psi. POOH.
6. Rig up wireline service.
7. Perf Grayburg B & C intervals as per log evaluation from +/-3830' – 3950'. (Exact perms to follow).
8. RIH w/5-1/2" treating pkr & 2-7/8" workstring. Set pkr @ +/- 3775'.
9. Acidize Grayburg B & C intervals w/3,000 gals 15% HCL-NE-FE acid and ball sealers.
10. Release pkr & run through perms to knock off balls. POOH.
11. RIH w/treating pkr on 3-1/2" frac string. Set pkr @ +/-3700'.
12. Rig up Frac Company. Frac Grayburg B & C intervals w/80,000# 20/40 SLC resin coated sand. (2-6 ppg ramp).
13. Release pkr & POOH laying down 3-1/2" frac string.
14. RIH w/bit & 2-7/8" ws. Clean well out to PBTD @ +/-4200'. POOH.
15. RIH w/2-3/8" prod tbg. Land SN @ +/- 4000'. RIH w/1-1/2" pump & rods.
16. Place well in test.

WELL DATA SHEETLast Update: 6-22-09Lease Name: L.G. Warlick "C" #7API No: 30-025-06598Location: 405°S/2310°E
SW-SW-SE, Sec 15, T-21S, R-37ECounty: Lea ST: NMSpud Date: 2-13-51 Well Elev: 3416 GL 11' KBTD Date: 4-3-51 Completion Date: 4-15-51TD: 7690' PBD: 4218' TOC: 2940'Csg Size: 13 3/8" 48# Wt: 32" Grd: H-40 Dpth: 305' Cmt: 300 SX (Circ)
8 5/8" 32" Grd: S-55 Dpth: 2802' Cmt: 1200 SX (Circ)Producing Formation: GrayburgPerfs: From 3730 to 3827' 2/spf _____ to _____
_____ to _____ /spf _____ to _____

IP: _____ BOPD _____ BWPD _____ MCF/D

Well History: (See Attached)61-5/15'Tubbs-6149'Simp-7420'Fillon-7685'?**Well Equipment:**Pumping Unit: American 320-256.120 52-120"Motor Type: _____ HP: 30 POC: _____Tbg: 120 Jts 2 3/8" Size 4.7" Grade _____MA @ 3893' SN @ 7862' TAC @ 3672' (10-10-08)Rods: 76-3/4" + 66-5/8" + 11-3/4"Pump: 2" x 1 1/4" x 16" (10-13-08)Csg Size: 5 1/2" Wt: 17" Grd: S-55 Dpth: 7688' Cmt: 1000 SX