

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
HOBBS OCD
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

RECEIVED JAN 04 2018		WELL API NO. 30-025-39909
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.)		5. Indicate Type of Lease STATE ☐ FEE ☒
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		6. State Oil & Gas Lease No.
2. Name of Operator Apache Corporation		7. Lease Name or Unit Agreement Name WH LAUGHLIN
3. Address of Operator 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705		8. Well Number 11
4. Well Location Unit Letter <u>F</u> : 2310 feet from the <u>NORTH</u> line and 2310 feet from the <u>WEST</u> line Section <u>9</u> Township <u>20S</u> Range <u>37E</u> NMPM County		9. OGRID Number 873
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3546 GL		10. Pool name or Wildcat MONUMENT; ABO, SOUTHEAST

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 ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ADD PAY & ACIDIZE ☒		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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

APACHE WOULD LIKE TO PERFORM THE FOLLOWING :

ADD PAY & ACIDIZE

Spud Date:

12/13/2010

Rig Release Date:

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

SIGNATURE Emily Follis TITLE Reg Analyst DATE 12/29/17

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

For State Use Only

APPROVED BY: Malay Brown TITLE AO/II DATE 1/4/2018

Conditions of Approval (if any):

MB

Apache Corporation

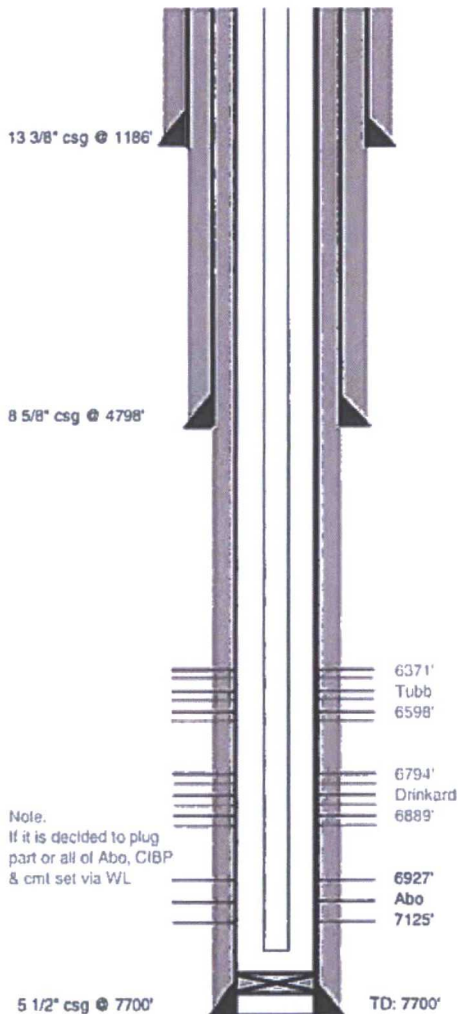
Work Objective

Proposed

Region Office Permian / Midland
District / Field Office NW District
AFE Type

Start Date	TBD	End Date	TBD
Lease	W H Laughlin	KB	11'
Well Name	W H Laughlin	Well No.	#11
Field	Monument	TD @	7700'
County	Lea	PBTD @	7320'
State	New Mexico	ETD @	
AFE #		API #	30-025-39909
Gross AFE	TBD	Spud Date	12/13/2010
Apache WI	100.000000%	Comp. Date	3/1/2011

Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	13-3/8"	H-40	48#	1185'	1010 sx	Circ 154 sx to surf
Inter Csg	8-5/8"	J-55	32#	4798'	1456 sx	Circ 65 sx to surf
Prod Csg	5-1/2"	J-55	17#	7700'	1200 sx	Circ 64 sx to surf
Casing Liner						



Date	Zone	Actual Perforations	JSPF	Total Perfs
2/16/2011	Abo	7050-64', 92-98', 7101-18', 21-25'	2	60
2/16/2011	Abo	6627-30', 40-54'	4	76
6/7/2011	Drinkard	6748'-50', 6772-74', 6812-14', 6835-37', 6862-64'	2	30
6/10/2011	Tubb	6388-92', 6408-10', 6438-40', 6450-54', 6478-82', 6522-26'	1	30
TBD	Drinkard	6794-6801', 6804-13', 6815-18', 6827-35', 6838-43', 6856-61', 6864-67', 6872-82', 6885-89'	2	
TBD	Tubb	6371-89', 6395-6407', 6411-15', 6421-37', 6455-83', 6483-87', 6501-11', 6518-23', 6541-50', 6554-77', 6582-98'	2	

Date	Zone	Stimulation / Producing Interval	Amount
2/17/2011	Abo	Acidize Abo Stage 1 (7050-7125') w/7100 gal 15% NEFE acid	
2/17/2011	Abo	Acidize Abo Stage 2 (6627-6954') w/4000 gal 15% NEFE acid	
6/7/2011	Drinkard	Acidize Drinkard w/3000 gals 15% HCl NEFE acid	
6/10/2011	Drinkard	Frac Drinkard 21210 gals B-Frac, 1500 gal HCL, 6936 10# gel	
6/10/2011	Tubb	Acidize Tubb w/3318 gals 15% HCl acid	
6/10/2011	Tubb	Frac Tubb w/58154 gals B-Frac, 104362# ad, 6510 gals gel	
TBD	Abo	1 Abo shown to be productive, acidize w/1500 gals acid	
TBD	Drinkard	Acidize old and new Drinkard perfs w/3 500 gals 15% NEFE HCl and rock salt	
TBD	Tubb	Acidize old and new Tubb perfs w/4,000 gals 15% NEFE HCl and rock salt	

Well History / Failure	
2/17/2011	RBP @ 7007'
3/28/2011	TOH w/ RBP
6/7/2011	Set CBP @ 6890'
6/10/2011	Set CBP @ 6700'
6/14/2011	Push plugs to 7320'. Could not make any hole 195' below bottom perf

Apache Representative _____ Contract Rig/Number _____
 Apache Engineer _____ Jacob Bower _____ Operator _____

Note:
If it is decided to plug
part or all of Abo, CIBP
& cmt set via WL

TD: 7700'

Apache Corporation

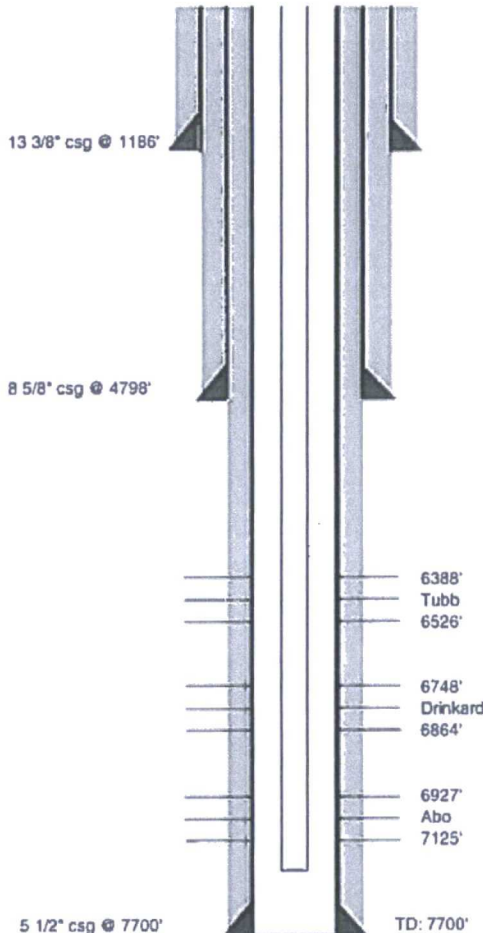
Work Objective

#Current

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District /Field Office NW District
AFE Type

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Apache Representative _____ Contract Rig/Number _____
 Apache Engineer _____ Jacob Bower _____ Operator _____

W H Laughlin #11 (API: 30-025-39909)

AFE: 11-17-2141

Add Pay and Acidize

Day 1/2: RU SU. POOH w/rods and pump. 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. PU workstring, bit, and scraper and RIH to tag for fill.

NOTE: If fill is encountered, please cleanout fill as necessary. If circulation cannot be achieved, please use a foam air unit.

PU workstring and RIH w/packer. Set packer at $\pm 7075'$. Swab test lower ABO. Reset packer @ $\pm 6915'$. Swab test upper ABO. Release packer and POOH.

NOTE: If it is decided to plug part or all of the ABO, the CIBP and cement will be set via wireline. Conversely, if the ABO shows to be productive, a 1,500 gal acid job will be performed.

Day 3/4: MIRU wireline. Perforate the following intervals w/2 SPF and 180 degree phasing in the Tubb and Drinkard. Perfs correlated to GR/CCL ran 01/26/2010. PLEASE USE PERFS HIGHLIGHTED IN YELLOW as these are correlated to the CBL.

Neutron		Adjustment	CBL	
Top	Bottom		Top	Bottom
6370	6388	1	6371	6389
6394	6406	1	6395	6407
6410	6414	1	6411	6415
6420	6436	1	6421	6437
6454	6462	1	6455	6463
6482	6496	1	6483	6497
6500	6510	1	6501	6511
6515	6522	1	6516	6523
6540	6549	1	6541	6550
6553	6576	1	6554	6577
6591	6597	1	6592	6598
6793	6800	1	6794	6801
6803	6812	1	6804	6813
6814	6817	1	6815	6818
6826	6834	1	6827	6835
6837	6842	1	6838	6843
6855	6860	1	6856	6861
6863	6866	1	6864	6867
6871	6881	1	6872	6882
6884	6888	1	6885	6889

RD wireline. RIH w/plug and packer. Set RBP @ $\pm 6908'$ and packer @ $\pm 6730'$. Acidize old and new Drinkard perfs w/ $\pm 3,500$ gals 15% NEFE HCl and rock salt. Record ISIP, 5 min, 10 min, and 15 minute SIPs.

Release packer, RIH and latch RBP. Set RBP @ $\pm 6630'$ and packer @ $\pm 6340'$. Acidize old and new Tubb perfs w/ $\pm 4,000$ gals 15% NEFE HCl and rock salt. Record ISIP, 5 min, 10 min, and 15 minutes SIPs.

Release packer. RIH and latch RBP. POOH w/packer, RBP, and workstring laying down.

Day 5: RIH w/production tubing. RIH w/rods and pump. POP.