

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

Form C-103
Revised July 18, 2013

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

WELL API NO. 30-025-38371
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name E W Walden [26467]
8. Well Number 009
9. OGRID Number 873
10. Pool name or Wildcat BliO&G(6660)/TubbO&G(60240)/Drkd(19190)

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 ☐	HOBBS OCD
2. Name of Operator Apache Corporation	JAN 02 2018
3. Address of Operator 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705	RECEIVED
4. Well Location Unit Letter <u>K</u> : <u>1650</u> feet from the <u>South</u> line and <u>2310</u> feet from the <u>West</u> line Section <u>15</u> Township <u>22S</u> Range <u>37E</u> NMPM County <u>Lea</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3386' GL	

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: ☐		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 add pay in and selectively acidize the Blinebry, Tubb and Drinkard, per the attached procedure.

Spud Date:

8/5/2007

Rig Release Date:

8/15/2007

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

SIGNATURE

Reesa Fisher

TITLE Sr. Staff Reg Analyst

DATE 12/29/2017

Type or print name Reesa Fisher

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

PHONE: (432) 818-1062

For State Use Only

APPROVED BY:

[Signature]

TITLE

Petroleum Engineer

DATE

01/05/18

Conditions of Approval (if any):

E W Walden #9 (30-025-38371)

AFE: TBD

Work Objective: Add Pay in and Selectively Acidize Blinebry, Tubb, and Drinkard

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

NOTE: If paraffin is encountered, DO NOT hot water down tubing. Attempt to swab paraffin out of tubing and strip out if necessary. If problems encountered, discuss with Midland engineering. A diesel cleanup may be necessary.

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 2/3: PU 2-7/8" workstring, bit and scraper. RIH to $\pm 6705'$ and tag for fill. POOH.

MIRU WL Unit. Perforate as follows w/2 SPF and 180 degree phasing:

Porosity Log

Top Bottom

Blinebry

5480	5484
5585	5590
5601	5603
5664	5667
5672	5686

Tubb

5830	5850
5856	5872
5885	5890
5970	5987
5995	6000
6022	6062
6096	6104

Drinkard

6419	6423
6425	6429
6430	6440
6457	6465
6466	6472
6485	6517

Total Shots

Drinkard: 70' pay, 140 shots

Tubb: 118' pay, 236 shots

Blinebry: 33' pay, 66 shots

RIH w/RBP and packer. **Set RBP @ $\pm 6560'$ and packer @ $6360'$.** Acidize Drinkard w/3500 gals 15% NEFE HCl and rock salt. Record ISIP, 5 min, 10 min, and 15 min shut-in pressures. Release packer. RIH and latch RBP.

Release RBP and pick up hole. **Set RBP @ $\pm 6150'$. Set packer @ $\pm 5930'$.** Acidize Lower Tubb w/2500 gals 15% NEFE HCl acid and rock salt. Record ISIP, 5 min, 10 min, and 15 min shut-in pressures.

Release RBP and pick up hole. **Set RBP @ $\pm 5930'$. Set packer @ $\pm 5800'$.** Acidize Upper Tubb w/1500 gals 15% NEFE HCl acid and rock salt. Record ISIP, 5 min, 10 min, and 15 min shut-in pressures.

Release packer. RIH and latch RBP. Release RBP and pick up hole. **Set RBP @ $\pm 5750'$. Set packer @ $\pm 5430'$.** Acidize Blinebry w/2500 gals NEFE HCl acid and rock salt. 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/workstring. Test in hole w/2-7/8" tubing. RIH w/pump and rods. POP.
NOTE: please lower the existing SN depth by 60'. Also add 250' of sinker bars and remove $\pm 200'$ of 3/4" rods. See rod designs for more details.

Apache Corporation

Work Objective

Current

CURRENT

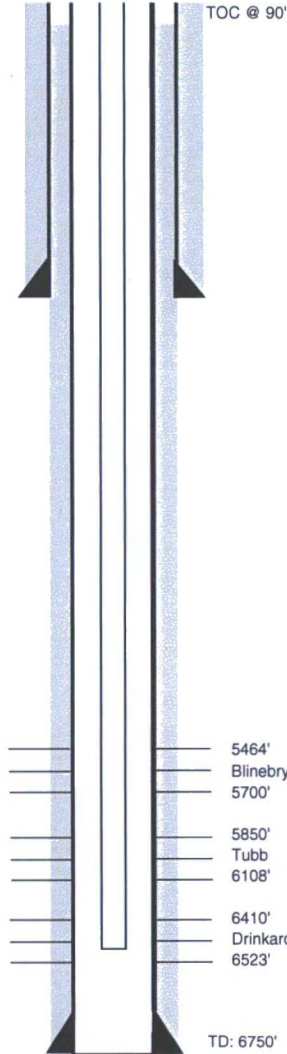
Region Office
District /Field Office
AFE Type

Permian / Midland
NW District

Start Date	TBD	End Date	TBD
Lease	E W Walden	KB	11'
Well Name	E W Walden	Well No.	#9
Field	Eunice South	TD @	6750'
County	Lea	PBTD @	6705'
State	New Mexico	ETD @	
AFE #	TBD	API #	30-025-38371
Gross AFE	TBD	Spud Date	8/5/2007
Apache WI	100.000000%	Comp. Date	10/19/2007

Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	8 5/8"	J-55	24#	1176'	700sx	Circ 216 sx to pit
Inter Csg						
Prod Csg	5 1/2"	J-55	17#	6750'	1400 sx	TOC @ 90' CBL
Casing Liner						

8 5/8" csg @ 1176'



Date	Zone	Actual Perforations	JSPF	Total Perfs
8/21/2007	Drinkard	6410-16', 6446-50', 6476-84', 6517-23'	2	52
8/24/2007	Tubb	5850-56', 5872-80', 5987-95', 6070-74', 6104-08'	2	
8/29/2007	Blinbry	5465-70', 5508-14', 5656-62', 5695-5700'	2	52

Date	Zone	Stimulation / Producing Interval	Amount
8/22/2007	Drinkard	Acidize Drinkard 6410-6523' w/3000 gals 15% HCL	
8/23/2007	Drinkard	Frac Drinkard 6410-6523' w/39k gals SS-3500 & 62k# 20/40 sand	
8/27/2007	Tubb	Acidize Tubb 5850-6108' w/3000 gals 15% HCL	
8/28/2007	Tubb	Frac Tubb 5850-6108' w/36k gals SS-2500 & 82k# 20/40 sand	
8/30/2007	Blinbry	Acidize Blinbry 5464-5700' w/3000 gals 15% HCL	
9/4/2007	Blinbry	Frac Blinbry 5464-5700' w/36k gals SS-2500 & 82k# 20/40 sand	

Well History / Failure	

Apache Representative

Contract Rig/Number

Apache Engineer

Jacob Bower

Operator

5 1/2" csg @ 6750'

TD: 6750'

Apache Corporation

Work Objective

Proposed

PROPOSED

Region Office

Permian / Midland

District /Field Office

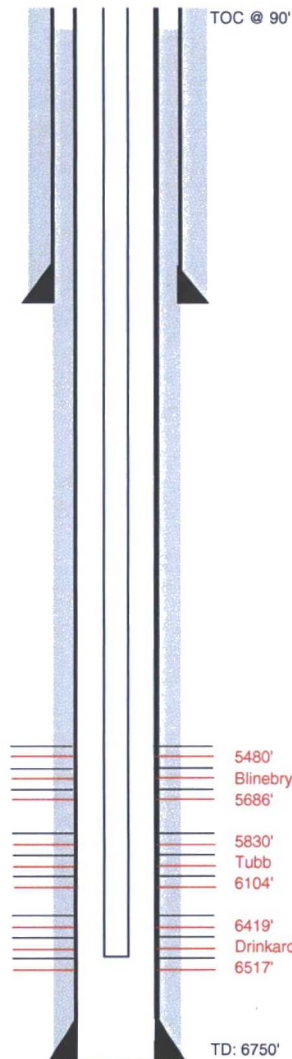
NW District

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8/29/2007	Blinbry	5465-70', 5508-14', 5656-62', 5695-5700'	2	52
TBD	Drinkard	6419-23', 6425-29', 6430-40', 6457-65', 6466-72', 6485-6517'	2	140
TBD	Tubb	5830-50', 5856-72', 5885-90', 5970-87', 5995-6000', 6022-62', 6096-6104'	2	236
TBD	Blinbry	5480-5484'-5585-90', 5601-03', 5664-67', 5672-86'	2	66

Date	Zone	Stimulation / Producing Interval	Amount
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TBD	Drinkard	Acidize Drinkard w/3500 gals 15% NEFE HCL and rock salt	
TBD	Tubb	Acidize Lower Tubb w/2500 gals 15% NEFE HCL acid & rock salt. Acidize Upper Tubb w/1500 gals 15% NEFE HCL acid & rock salt	
TBD	Blinbry	Acidize Blinbry w/2500 gals NEFE HCL acid and rock salt	

Well History / Failure	

5 1/2" csg @ 6750'

TD: 6750'

Apache Representative

Contract Rig/Number

Apache Engineer

Jacob Bower

Operator