

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. 30-025-37239
5. Indicate Type of Lease STATE ☐ FEE ☒ /
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Owen B [22879] /
8. Well Number 012 /
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	
2. Name of Operator Apache Corporation /	
3. Address of Operator 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705	
4. Well Location Unit Letter M : 330 feet from the South line and 760 feet from the West line Section 34 Township 21S Range 37E NMPM County Lea	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3436' 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: 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 add pay and selectively acidize the BTd, per the attached.

Spud Date:

8/16/2005

Rig Release Date:

8/29/2005

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 2/8/2017

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 02/10/17
Conditions of Approval (if any):

Owen /B/ #12 (30-025-37239)

AFE: 11-17-0188

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: PU 2-7/8" workstring, bit and scraper. RIH to $\pm 6700'$ and tag for fill. POOH.

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

NOTE: Please use perfs highlighted in yellow as those are correlated to the CBL ran 9/6/2005.

<u>Porosity Log</u>	<u>CBL/RBL</u>	<u>Adjustment</u>
<u>Blinebry</u>	<u>Blinebry</u>	<u>Blinebry</u>
5562' - 5572'	5559' - 5569'	-3
5616' - 5629'	5612.5' - 5625.5'	-3.5
5636' - 5642'	5632.5' - 5638.5'	-3.5
5674' - 5682'	5670.5' - 5678.5'	-3.5
5689' - 5693'	5685.5' - 5689.5'	-3.5
5838' - 5846'	5836' - 5844'	-2
<u>Tubb</u>	<u>Tubb</u>	<u>Tubb</u>
6032' - 6042'	6028' - 6038'	-4
6100' - 6114'	6097' - 6111'	-3
6132' - 6138'	6129' - 6135'	-3
6140' - 6148'	6137' - 6145'	-3
6161' - 6165'	6158' - 6162'	-3
6170' - 6174'	6167' - 6171'	-3
6177' - 6186'	6174' - 6183'	-3
6188' - 6195'	6185' - 6192'	-3
6290' - 6296'	6288' - 6294'	-2
6300' - 6311'	6298' - 6309'	-2
6376' - 6384'	6373.5' - 6381.5'	-2.5

<u>Drinkard</u>	<u>Drinkard</u>	<u>Drinkard</u>
6398' - 6402'	6395.5' - 6399.5'	-2.5
6413' - 6424'	6410.5' - 6422.5'	-2.5
6438' - 6454'	6436' - 6452'	-2
6480' - 6484'	6478' - 6482'	-2
6504' - 6512'	6502' - 6510'	-2
6524' - 6540'	6522' - 6538'	-2
6543' - 6554'	6541.5' - 6552.5'	-1.5
6560' - 6570'	6558.5' - 6568.5'	-1.5
6575' - 6598'	6573.5' - 6596.5'	-1.5

Total Shots

Drinkard: 113' pay, 226 shots

Tubb: 98' pay, 196 shots

Blinebry: 55' pay, 110 shots

RIH w/RBP and packer. **Set RBP @ $\pm 6650'$ and packer @ 6465' (this depth needs to be almost exact).** Acidize Lower Drinkard w/3000 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 @ $\pm 6465'$. Set packer @ $\pm 6260'$.** Acidize Upper Drinkard/Lower Tubb w/2000 gals 15% NEFE HCl acid and rock salt. Record ISIP, 5 min, 10 min, and 15 min shut-in pressures.

Day 3: Release packer. RIH and latch RBP. Release RBP and pick up hole. **Set RBP @ $\pm 6220'$. Set packer @ $\pm 6000'$.** Acidize Upper Tubb 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 pick up hole. **Set RBP @ $\pm 5870'$. Set packer @ $\pm 5540'$.** Acidize Blinebry w/3000 gals 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 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 -

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

Start Date	TBD	End Date	TBD
Lease	Owen /B/	KB	11'
Well Name	Owen /B/	Well No.	#12
Field	Eunice Area	TD @	7200'
County	Lea	PBTD @	7136'
State	New Mexico	ETD @	N/A
AFE #	TBD	API #	30-025-37239
Gross AFE	TBD	Spud Date	8/15/2005
Apache WI	100.000000%	Comp. Date	9/7/2005

Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	8-5/8"	J-55	24#	1195'	575	Circulated to surface
Inter Csg						
Prod Csg	5-1/2"	J-55 & L-80	17#	7200'	1545	1090' CBL
Casing Liner						

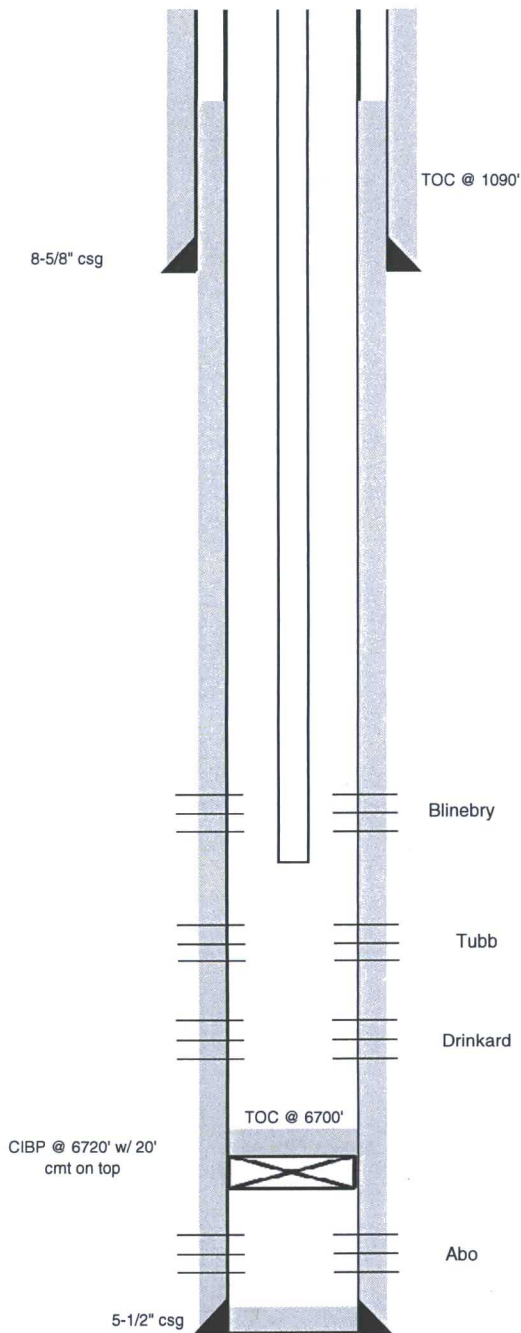
Date	Zone	Actual Perforations	JSPF	Total Perfs
9/7/2005	Abo	6740' - 60', 86' - 6804', 6816' - 32' & 76' - 86'	1	
12/2/2005	Drinkard	6420' - 23', 6534' - 38' & 64' - 68'	2	
12/10/2005	Tubb	6105' - 09', 61' - 65' & 6307' - 11'	2	
12/13/2005	Blinbry	5564' - 68', 5617' - 21' & 89' - 93'	2	

Date	Zone	Stimulation / Producing Interval	Amount
9/7/2005	Abo	Acid Abo w/ 3500 gals 15% HCL.	
12/5/2005	Drinkard	Acid Drinkard w/ 2,000 gals 15% HCL. Frac Drinkard w/ 62,000# 20/40 SLC sd.	
12/12/2005	Tubb	Acid Tubb w/ 2000 gals 15% HCL. Frac Tubb w/ 82,000# 20/40 SLC sd.	
12/14/2005	Blinbry	Acid Blinbry w/ 2000 gals 15% HCL. Frac Blinbry w/ 82,000# 20/40 SLC sd.	

Jts	Feet	Pulled Description	Tubing	Jts	Feet	Ran Description
			PIN JT			
			PS			
			SN			
			IPC			
			TBG			
			TAC			
			TBG			
			KB	11'	0	0.00
Jts	Feet	Pulled Description	Rods	Jts	Feet	Ran Description
			Gas Anchor			
			Pump			
			TOOL			
			K-BAR			
			TOOL			
			K-BARS			
			RODS			
			RODS			
			RODS			
			SUBS			
			POLISH			
				0	0.00	

Well History / Failure	

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



Apache Corporation

Work Objective _____

- PROPOSED -

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

Start Date	TBD	End Date	TBD
Lease	Owen /B/	KB	11'
Well Name	Owen /B/	Well No.	#12
Field	Eunice Area	TD @	7200'
County	Lea	PBTD @	7136'
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Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	8-5/8"	J-55	24#	1195'	575	Circulated to surface
Inter Csg						
Prod Csg	5-1/2"	J-55 & L-80	17#	7200'	1545	1090' CBL
Casing Liner						

Date	Zone	Actual Perforations	JSPF	Total Perfs
9/7/2005	Abo	6740' - 60', 86' - 6804', 6816' - 32' & 76' - 86'	1	
12/2/2005	Drinkard	6420' - 23', 6534' - 38' & 64' - 68'	2	
TBD	Drinkard	6395.5' - 6399.5', 6410.5' - 6422.5', 6436' - 6452', 6478' - 6482', 6502' - 6510', 6522' - 6538', 6541.5' - 6552.5', 6558.5' - 6568.5', 6573.5' - 6596.5'	2	226
12/10/2005	Tubb	6105' - 09', 61' - 65' & 6307' - 11'	2	
TBD	Tubb	6028' - 6038', 6097' - 6111', 6129' - 6135', 6137' - 6145', 6158' - 6162', 6167' - 6171', 6174' - 6183', 6185' - 6192', 6288' - 6294', 6298' - 6309', 6373.5' - 6381.5'	2	196
12/13/2005	Blinbry	5564' - 68', 5617' - 21' & 89' - 93'	2	
TBD	Blinbry	5559' - 5569', 5612.5' - 5625.5', 5632.5' - 5638.5', 5670.5' - 5678.5', 5685.5' - 5689.5', 5836' - 5844'	2	110

Date	Zone	Stimulation / Producing Interval
9/7/2005	Abo	Acid Abo w/3500 gals 15% HCL.
12/5/2005	Drinkard	Acid Drinkard w/2,000 gals 15% HCL. Frac Drinkard w/62,000# 20/40 SLC sd
TBD	Lwr Drinkard	Acidize w/3000 gals 15% HCL.
TBD	Up. Drinkard/Lwr Tubb	Acidize w/2000 gals 15% HCL.
12/12/2005	Tubb	Acid Tubb w/2000 gals 15% HCL. Frac Tubb w/82,000# 20/40 SLC sd.
TBD	Upper Tubb	Acidize w/2500 gals 15% HCL
12/14/2005	Blinbry	Acid Blinbry w/2000 gals 15% HCL. Frac Blinbry w/82,000# 20/40 SLC sd.
TBD	Blinbry	Acidize w/3000 gals 15% HCL.

Date	Zone	From	To	Squeeze / Repair / Plug

Jts	Feet	Pulled Description	Tubing	Jts	Feet	Ran Description
			PS #REF!			
			SN #REF!			
			IPC #REF!			
			TBG #REF!			
			TAC #REF!			
			TBG #REF!			
			KB 11'	0	0.00	
Jts	Feet	Pulled Description	Rods	Jts	Feet	Ran Description
			Gas Anchor			
			Pump			
			TOOL			
			K-BAR			
			TOOL			
			K-BARS			
			RODS			
			RODS			
			RODS			
			SUBS			
			POLISH			
				0	0.00	

Well History / Failure	

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

