

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

HOBBS OCE RECEIVED APR 21 2014		OIL 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. 30-025-37031	
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 1000 Midland, TX 79705		7. Lease Name or Unit Agreement Name West Blinbry Drinkard Unit (WBDU) / 37346	
4. Well Location Unit Letter <u>P</u> : 1310 feet from the <u>South</u> line and <u>430</u> feet from the <u>East</u> line Section <u>4</u> Township <u>21S</u> Range <u>37E</u> NMPM County <u>Lea</u>		8. Well Number <u>015</u>	
		9. OGRID Number 873	
		10. Pool name or Wildcat Eunice; B-T-D, North (22900)	
		11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3465' 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 intends to do a workover on this well, per the attached procedure.

Spud Date:

3/4/2005

Rig Release Date:

3/18/2005

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 4/17/2014

Type or print name Reesa Fisher

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

PHONE: (432) 818-1062

For State Use Only

APPROVED BY:

Mark Brown

TITLE

Dist. Supervisor

DATE

4/21/2014

Conditions of Approval (if any):

APR 21 2014

WBDU 15 (API: 30-025-37031) Proposed Workover Procedure:

Add Perforations to the Blinebry, Tubb, and Drinkard and Acid Stimulate

April 16, 2014

Day 1: MIRU. POOH w/ rods and pump. Install BOP. TFF and POOH LD w/ 2-7/8" production tubing

Day 2: PU & RIH w/ 5-1/2" casing scraper and 2-7/8" L-80 work string to +/-6760'. POOH

Day 3: MIRU WL. RIH & correlate depths to openhole porosity logs

Perforate the Blinebry, Tubb, and Drinkard formations as per the attached sheet with 3-3/8" TAGs loaded at 2 SPF, 90 deg phasing with SDP charges (total 163 feet, 326 shots). POOH & RD WL

PU & RIH w/ RBP and treating packer on 2-7/8" work string

Day 4: Cont. RIH w/ RBP and treating packer, set RBP at +/- 6760' PUH and set packer at +/-6450'

RU pump trucks. Acidize the Tubb/Drinkard with 9,400 gals 15% HCl and ball sealers. Release packer and run through perfs to knock off balls. Retrieve RBP

Re-set RBP at +/-6420', set packer at +/-6000'. Acidize the Tubb/Blinebry with 6,200 gals 15% HCl and ball sealers. Release packer and run through perfs to knock off balls. Retrieve RBP

Re-set RBP at +/-6000', set packer at +/-5600'. Acidize the Blinebry with 11,500 gals 15% HCl and ball sealers. RDMO pump trucks

Release packer and run through perfs to knock off balls. Retrieve RBP. POOH LD 2-7/8" work string

Day 5: PU & RIH w/ 2-7/8" production tubing. RIH w/ 1-1/2" pump and rods. Return well to production. Place well in test

W8DU 15 Proposed Perforations					
3-3/8" TAGs Loaded w/SDP charges					
Zone	Top	Bottom	Feet	SPF	Shots
Blinebry	5653	5654	2	2	4
Blinebry	5658	5659	2	2	4
Blinebry	5665	5666	2	2	4
Blinebry	5669	5670	2	2	4
Blinebry	5673	5675	3	2	6
Blinebry	5678	5679	2	2	4
Blinebry	5683	5687	5	2	10
Blinebry	5701	5702	2	2	4
Blinebry	5705	5706	2	2	4
Blinebry	5710	5711	2	2	4
Blinebry	5715	5716	2	2	4
Blinebry	5720	5721	2	2	4
Blinebry	5731	5732	2	2	4
Blinebry	5742	5743	2	2	4
Blinebry	5746	5755	10	2	20
Blinebry	5770	5771	2	2	4
Blinebry	5780	5782	3	2	6
Blinebry	5793	5794	2	2	4
Blinebry	5807	5808	2	2	4
Blinebry	5841	5842	2	2	4
Blinebry	5846	5847	2	2	4
Blinebry	5851	5852	2	2	4
Blinebry	5855	5856	2	2	4
Blinebry	5865	5866	2	2	4
Blinebry	5880	5881	2	2	4
Blinebry	5885	5886	2	2	4
Blinebry	5893	5897	5	2	10
Blinebry	5904	5905	2	2	4
Blinebry	6056	6057	2	2	4
Blinebry	6064	6065	2	2	4
Blinebry	6069	6070	2	2	4
Blinebry	6075	6076	2	2	4
Tubb	6078	6079	2	2	4
Tubb	6178	6180	3	2	6
Tubb	6183	6184	2	2	4
Tubb	6193	6194	2	2	4
Tubb	6282	6283	2	2	4
Tubb	6287	6288	2	2	4
Tubb	6291	6292	2	2	4
Tubb	6328	6329	2	2	4
Tubb	6331	6332	2	2	4
Tubb	6334	6335	2	2	4
Tubb	6339	6340	2	2	4
Tubb	6343	6344	2	2	4
Tubb	6369	6370	2	2	4
Tubb	6493	6495	3	2	6
Tubb	6500	6501	2	2	4
Drinkard	6523	6524	2	2	4
Drinkard	6527	6529	3	2	6
Drinkard	6531	6535	5	2	10
Drinkard	6549	6550	2	2	4
Drinkard	6553	6556	4	2	8
Drinkard	6564	6565	2	2	4
Drinkard	6574	6575	2	2	4
Drinkard	6577	6578	2	2	4
Drinkard	6617	6619	3	2	6
Drinkard	6621	6622	2	2	4
Drinkard	6625	6626	2	2	4
Drinkard	6641	6643	3	2	6
Drinkard	6649	6650	2	2	4
Drinkard	6655	6657	3	2	6
Drinkard	6677	6678	2	2	4
Drinkard	6685	6687	3	2	6
Drinkard	6703	6711	9	2	18

Current Wellbore Diagram

Apache Corporation

WBDU #15 (Southland Royalty A #21)

WELL DIAGRAM (CURRENT CONFIGURATION)

8-5/8" CSG.
CMT. CIRC.

5.5" CSG.
EST. CMT TOP @
188" (CBL)

Blinebry Perfs
Active:
5691 - 5948'
20', 40 shots

Tubb Perfs
Active:
6155 - 6356'
17', 34 shots

Drinkard Perfs
Active:
6630 - 6700'
19', 38 shots

PBTD (ft): 6,893.0
TD (ft): 6,950.0

WELL NAME: WBDU #15 (Southland Royalty A #21)		API: 30-025-37031			
LOCATION: 1310' FSL & 430' FEL, Unit P, Sec. 4, T-21S, R-37E		COUNTY: Lea Co., NM			
SPUD/TD DATE: 3/4/2005 - 3/17/2005		PREPARED BY: Michael Hunter			
COMP. DATE: 7/1/2005		UPDATED: 4/15/2014			
TD (ft): 6,950.0	KB Elev. (ft): 3475.0	KB ELEV: 10.0			
PBTD (ft): 6,893.0	Ground Elev. (ft): 3465.0				
CASING/TUBING	SIZE (IN)	WEIGHT (LB/FT)	GRADE	DEPTHS (FT)	
Surface Casing	8-5/8" (Cmt. w/575x, circ)	24.00	J-55	0.00 1,172.00	
Prod. Casing	5-1/2" (Cmt. w/1150x, TOC @ 180', CBL)	17.00	J-55/L-80	0.00 6,950.00	
Open Hole					
Tubing	2-7/8"	6.50	J-55	0.00 6,762.00	
PRODUCTION TBG STRING					
ITEM	DESCRIPTION			Length (FT)	Depth (FT)
1	207 JTS 2-7/8" 6.5# J-55 TBG				
2	TAC				5606.00
3	SN				6741.00
4	EOT				6762.00
5					
6					
7					
8					
9					
10					
PRODUCTION ROD STRING					
ITEM	DESCRIPTION			Length (FT)	Btm (FT)
1	71 JTS 1" KD RODS			1,775.00	
2	74 JTS 7/8" KD RODS			1,850.00	
3	123 JTS 3/4" KD RODS			3,075.00	
4	BHP. 2" X 1 1/2" X 24' HVRC			26.00	
5					
6					
7					
8					
9					
10					
SURFACE EQUIPMENT					
PUMPING UNIT SIZE: C456-305-144			MOTOR HP: 40 HP		
PUMPING UNIT MAKE:			MOTOR MAKE:		
PERFORATIONS					
Form.	Intervals			FT	SPF
Blinebry	Active: 5691-95', 5759-63', 5797-5801', 5834-38', 5944-48'			20	2
Tubb	Active: 6155-58', 6236-40', 67-70', 6321-24', 52-56'			17	2
Drinkard	Active: 6630-36', 65-69', 80-84', 6695-6700'			19	2

Proposed Wellbore Diagram

