

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

HOBBS OCD
MAY 12 2014
RECEIVED

State of New Mexico
Energy, Minerals and Natural Resources
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-06618
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. BO-0085-0016
7. Lease Name or Unit Agreement Name West Blinebry Drinkard Unit (WBDU) / 37346
8. Well Number 077
9. OGRID Number 873
10. Pool name or Wildcat Eunice; B-T-D, North (22900)

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 J : 1980 feet from the South line and 1980 feet from the East line
Section 16 Township 21S Range 37E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3459' GL

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: CONVERT TO INJECTION <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 convert this well to injection, per the attached procedure. Order WFX-913 was issued 6/28/2013 (R-12981).

Spud Date: 7/4/1947 Rig Release Date: 8/8/1947

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 5/8/2014

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 05/14/14
Conditions of Approval (if any):

MAY 14 2014

WBDU 77 (API: 30-025-06618) Proposed Procedure

Drill out Bridge Plugs, Retrieve Permanent Packer, Deepen Well, Run Liner, and Convert Well to Injection in the Drinkard Formation

May 8, 2014

Day 1: MIRU SR. POOH and LD pump and rods. ND WH and NU BOPs. POOH and LD 2-3/8" production tubing.

Day 2: PU & RIH w/CIBP on 2-7/8" work string. Set CIBP at +/-3000', circulate well, POOH

MIRU WL, log well with GR/CBL/CCL from +/-3000' to surface, POOH. RIH w/ casing punch and perforate casing above TOC, POOH

Establish circulation behind 5-1/2" casing to surface

Day 3: PU & RIH w/ cement retainer on 2-7/8" work string and set retainer

MIRU cementers, cement 5-1/2" casing to surface with +/-500 sacks (estimated, 25% excess slurry, confirm volumes) of Class C cement (weight 14.8 ppg, yield 1.33 cf/sack). POOH w/ 2-7/8" work string. WOC

Day 4: PU & RIH w/ bit on 2-7/8" work string, drill out cement, cement retainer, and CIBP

RIH & drill out cement and CIBPs @ +/-6118' and +/-6331'

Day 5: Continue to drill out cement and CIBPs, RIH to top of permanent packer @ +/-6484', circulate clean and POOH

Day 6: PU & RIH w/ washover shoe and wash pipe on 2-7/8" work string to +/-6570'. Attempt to wash over/cut over and retrieve packer

Day 7: Cont. to attempt to wash over/cut over and retrieve packer

Day 8: Wash over/cut over and retrieve packer, POOH

Day 9: PU & RIH w/ bit on 2-7/8" work string. Clean well out to TD @ +/-6629', circulate LCM as necessary

Day 10: Cont. to Clean well out to TD @ +/-6629', circulate LCM as necessary. Drill well out to new TD @ +/-6720', circulate LCM as necessary

Day 11: Cont. to drill well out to new TD @ +/-6720', circulate LCM as necessary. Circulate wellbore clean and POOH and LD 2-7/8" work string

Day 12: MIRU WL, run GR/CNL/CBL/CCL log from PBDT to surface, POOH. Send logs to Midland

Day 13: RU casing crew and equipment and RIH with 4-1/2" 11.6 lb/ft flush joint casing with float collar and float shoe to +/- 6720'

RU cementers, perform single stage cement job to surface consisting of 20 bbl fresh water flush, 40 bbl seal bond LCM spacer, and 200 sacks of Class C cement + additives (weight 14.2 ppg, yield

1.31 cf/sack, volume 45.5 bbls, 50% excess slurry). Displace with 105 bbls fresh water (confirm all volumes)

Day 14: WOC

Day 15: RIH w/ 3-3/4" bit on 2-3/8" work string. Drill out float collar and cement to +/- 6705'. Circulate clean. POOH

Day 16: MIRU WL and RIH w/ GR/CBL/CCL, log well from TD to surface, POOH

PU and RIH w/ 3-3/8" TAGs loaded with SDP charges and perforate the Drinkard @ 4 SPF, 90 deg phasing (estimated 70', 280 shots), POOH

PU and RIH w/ treating packer on 2-3/8" work string

Day 17: Cont. RIH w/ treating packer on 2-3/8" work string. Set packer @ +/-6450'

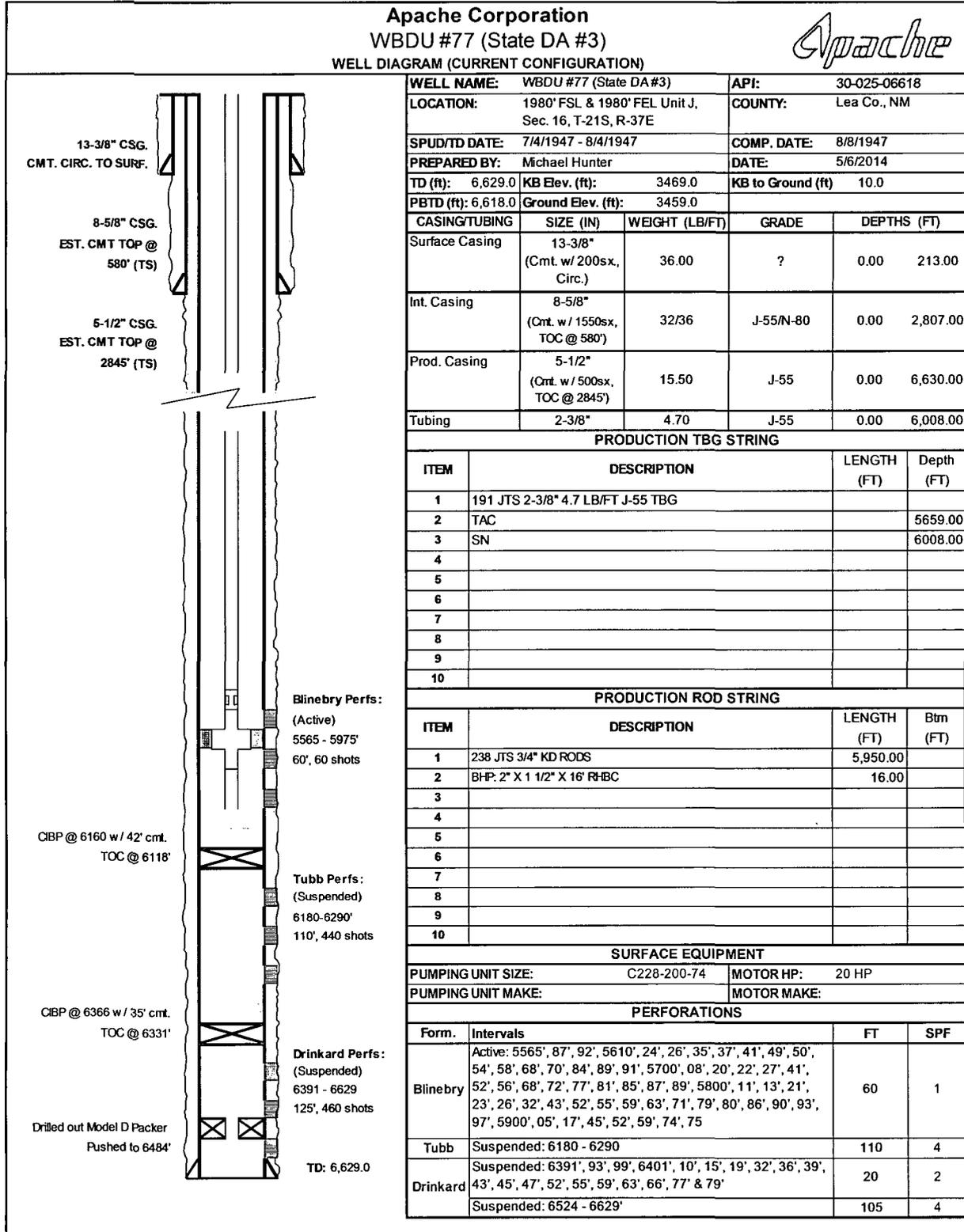
MIRU acidizers. Acidize the Drinkard w/10,000 gals 15% HCl and rock salt in 3 equal stages @ +/- 8 BPM. Release packer. Wash out salt. POOH

Day 18: PU and RIH with 4-1/2" injection packer with 2-3/8" IPC tubing subs, upper and lower profile nipples, and on/off tool on 2-3/8" work string. Set packer @ +/-6450'. Release on/off tool and pressure test casing to 500 psi. POOH and LD 2-3/8" work string

Day 19: PU & RIH w/2-3/8" IPC injection tubing and on/off tool. Circulate packer fluid and latch onto packer with on/off tool. ND BOPs and NU WH. Pressure test casing to 500 psi. RDMO SR

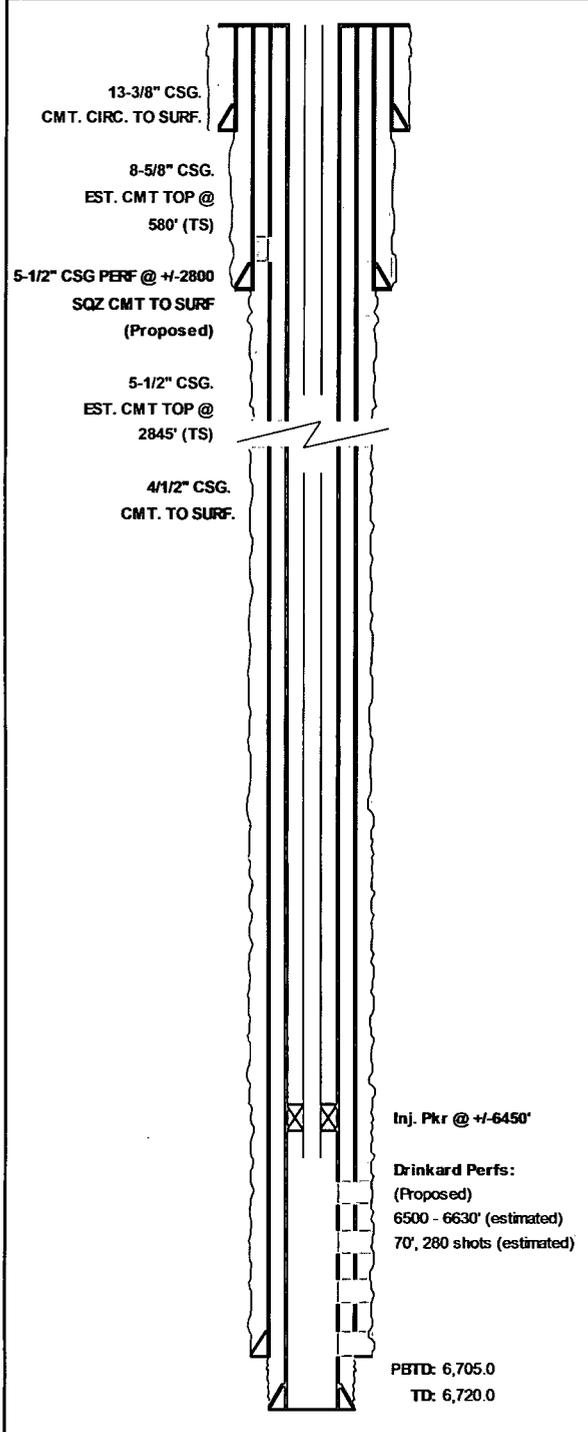
Day 20: Perform MIT test for NM OCD. Place well on injection

Current Wellbore Diagram



Proposed Wellbore Diagram

Apache Corporation
 WBDU #77 (State DA #3)
 WELL DIAGRAM (PROPOSED CONFIGURATION)



WELL NAME: WBDU #77 (State DA #3)		API: 30-025-06618		
LOCATION: 1980' FSL & 1980' FEL Unit J, Sec. 16, T-21S, R-37E		COUNTY: Lea Co., NM		
SPUD/TD DATE: 7/4/1947 - 8/4/1947		COMP. DATE: 8/8/1947		
PREPARED BY: Michael Hunter		DATE: 5/6/2014		
TD (ft): 6,629.0	KB Elev. (ft): 3469.0	KB to Ground (ft) 10.0		
PBTD (ft): 6,705.0	Ground Elev. (ft): 3459.0			
CASING/TUBING	SIZE (IN)	WEIGHT (LB/FT)	GRADE	DEPTHS (FT)
Surface Casing	13-3/8" (Cmt. w/ 200sx, Circ.)	36.00	?	0.00 213.00
Int. Casing	8-5/8" (Cmt. w / 1550sx, TOC @ 580')	32/36	J-55/N-80	0.00 2,807.00
Prod. Casing	5-1/2" (Cmt. w / 500sx, TOC @ 2845')	15.50	J-55	0.00 6,630.00
Liner	4-1/2" (Cmt. to surf)	11.60	J-55	0.00 6,720.00
Injection Tubing	2-3/8"	4.70	J-55 IPC	0.00 6,464.90
INJECTION TBG STRING				
ITEM	DESCRIPTION	LENGTH (FT)	Depth (FT)	
1	2-3/8" 4.7 LB/FT J-55 IPC TBG	6,442.00	6442.00	
2	2-3/8" ON/OFF TOOL W/ 1.78 F PROFILE	1.80	6443.80	
3	2-3/8" X 4-1/2" NICKLE PLATED ARROW-SET PKR	6.20	6450.00	
4	2-3/8" 4.7 LB/FT J-55 IPC TBG	8.00	6458.00	
5	2-3/8" PROFILE NIPPLE 1.50 R	0.90	6458.90	
6	2-3/8" 4.7 LB/FT J-55 IPC TBG	6.00	6,464.90	
7				
8				
9				
10				
PERFORATIONS				
Form.	Intervals	FT	SPF	
Blinebry				
Tubb				
Drinkard	Proposed: 6500 - 6630' (estimated)	70	4	