

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

HOBBS OGD
 JAN 17 2017
 RECEIVED

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. 30-025-39574
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other Injection Well		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
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 Blinebry Drinkard Unit (WBDU) / 37346
4. Well Location Unit Letter <u>W</u> / Lot <u>O</u> : <u>680</u> feet from the <u>South</u> line and <u>2130</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>137</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3471' GL		9. OGRID Number 873
10. Pool name or Wildcat Eunice; B-T-D, North (22900)		

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

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: RUN LINER <input checked="" type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>	
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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 run a liner in this well and conform to the Drinkard, per the attached procedure and WBD's.

Spud Date: Rig Release Date:

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 1/11/2017

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 01/20/17
 Conditions of Approval (if any):

WBDU 137W: Run Liner and Conform to Drinkard (30-025-39574)

January 10, 2017

Day 0: Prior to start of workover: Schedule and install buried fiberglass injection line.

Day 1: MIRU. ND WH and NU BOPs. POOH and LD 2-3/8" Injection tubing.

Day 2: RIH w/ seal bearing bit on 2-7/8" work string. Tag and clean out well down to PBTB 6866', RU Foam N2 Unit as required. POOH and lay down bit

Day 3: 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 +/- 6866'.

RU cement crew, perform single stage cement job to surface consisting of 300 bbl fresh water flush, 80 bbl stop loss spacer, and 181 sacks of TXI Lite cement + additives (weight 12.5 ppg, yield 1.64 cf/sack, volume 52.9 bbl), and 71 sacks of TXI Lite cement + additives (weight 13.2 ppg, yield 1.39 cf/sack, volume 17.6 bbl). Total 150% excess slurry of 70.5 bbl. Displace with 105 bbls fresh water (confirm all volumes).

Day 4: WOC

Day 5: RIH w/ 3-1/4" bit on 2-3/8" work string. Drill out float collar and cement to +/- 6851'. Circulate clean. POOH

Day 6: MIRU WL. RIH w/ 3-1/8" TAGs loaded with SDP charges and perforate the Drinkard @ 4 SPF, 90 deg phasing (estimated 70', 280 shots). POOH and PU and RIH w/ treating packer on 2-3/8" work string. Set packer @ +/- 6550'.

Day 7: MIRU acid crew. Acidize the Drinkard w/10,000 gals 15% HCl and rock salt in 3 equal stages @ +/- 10 BPM. Release packer. Wash out salt. POOH

Day 8: 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 @ +/-6580'. Release on/off tool and pressure test casing to 500 psi. POOH and LD 2-3/8" work string

Day 9: 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.

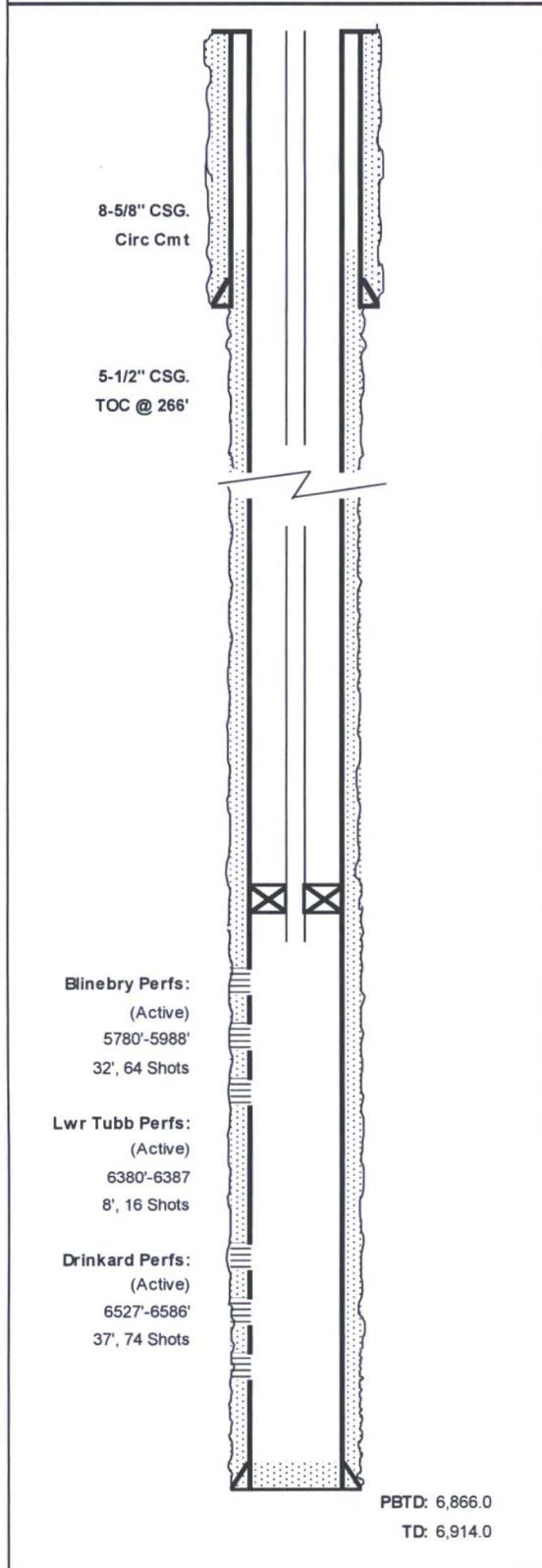
Day 10: Perform MIT test for NM OCD. Perform bottom hole static pressure test. Place well on injection.

Apache Corporation

WBDU #137W



WELL DIAGRAM (CURRENT CONFIGURATION)



WELL NAME:	WBDU #137W		API:	30-025-39574	
LOCATION:	680' FSL, 2130' FEL, Unit 0, Sec 4, T-21S, R-37E		COUNTY:	Lea Co., NM	
SPUD/TD DATE:	1/9/2010 - 1/15/2010		COMP. DATE:	2/5/2010	
PREPARED BY:	Kris Hasselbach		DATE:	1/4/2017	
TD (ft):	6,914.0	KB Elev. (ft):	3482.0	KB to Ground (ft) 11.0	
PBTD (ft):	6,866.0	Ground Elev. (ft):	3471.0		
CASING/TUBING					
CASING/TUBING	SIZE (IN)	WEIGHT (LB/FT)	GRADE	DEPTHS (FT)	
Surface Casing	8 5/8" (Cmt. w/ 650 sx., Circ.)	24.00	K-55	0.00	1,307.00
Prod Casing	5 1/2" (Cmt. w/ 1500sx) TOC @ 266'	17.00	K-55/L-80	0.00	6,914.00
Injection Tubing	2-3/8" IPC	4.70	J-55	0.00	5,716.00

INJECTION TBG STRING				
ITEM	DESCRIPTION	LENGTH (FT)	Btm (FT)	
1	175 JTS 2-3/8" IPC Tubing			
2	Baker Lok-set packer w/on-off tool			5,716.00
3	1.43" SN			5,725.00
4	EOT			5,735.00
5				
6				
7				
8				
9				
10				

PERFORATIONS			
Form.	Intervals	FT	SPF
Blinebry	5780, 84-90, 94-97, 5803, 10-14, 64-69, 5966-70, 86-88	32	2
Lwr Tubb	6380-87 (Out of Zone)	8	2
Drinkard	6527, 66, 6633, 36, 40, 44-50, 56, 82-88, 6704, 06, 11, 24-30, 48, 51, 61, 63, 70, 77, 86	37	2

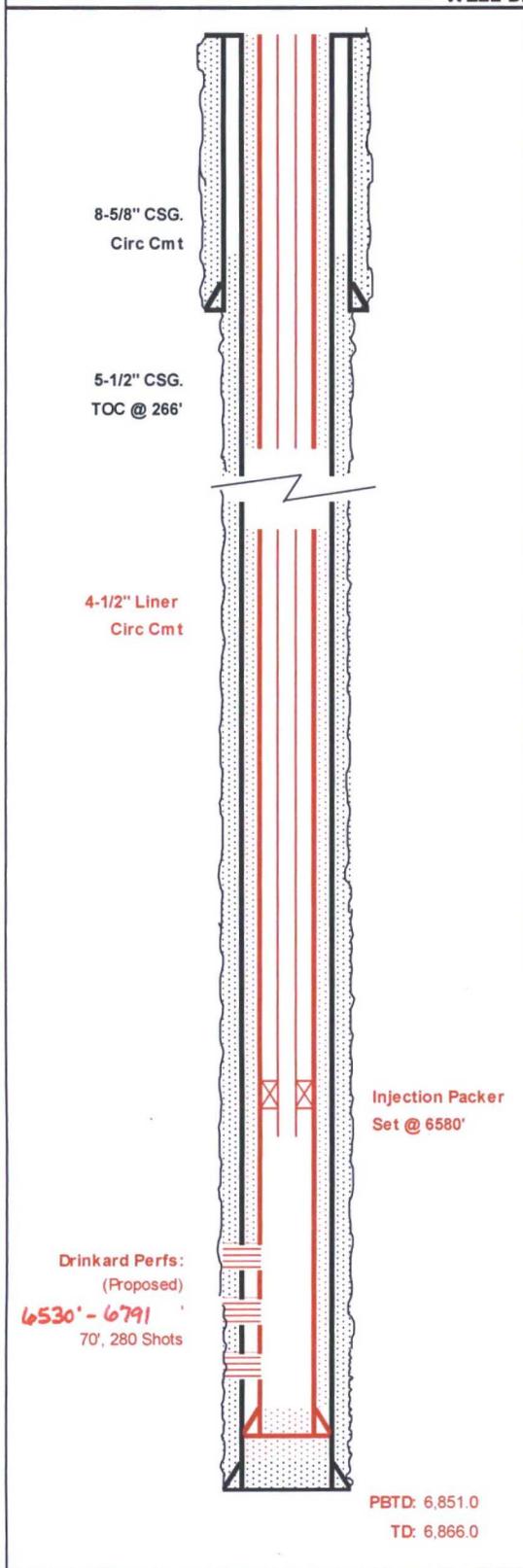
PBTD: 6,866.0
TD: 6,914.0

Apache Corporation

WBDU #137W



WELL DIAGRAM (PROPOSED CONFIGURATION)



WELL NAME:	WBDU #137W	API:	30-025-39574	
LOCATION:	680' FSL, 2130' FEL, Unit 0, Sec 4, T-21S, R-37E	COUNTY:	Lea Co., NM	
SPUD/TD DATE:	1/9/2010 - 1/15/2010	COMP. DATE:	2/5/2010	
PREPARED BY:	Kris Hasselbach	DATE:	1/4/2017	
TD (ft):	6,866.0	KB Elev. (ft):	3482.0	
PBTD (ft):	6,851.0	Ground Elev. (ft):	3471.0	
KB to Ground (ft)	11.0			
CASING/TUBING	SIZE (IN)	WEIGHT (LB/FT)	GRADE	DEPTHS (FT)
Surface Casing	8 5/8" (Cmt. w/ 650 sx., Circ.)	24.00	K-55	0.00 1,307.00
Prod Casing	5 1/2" (Cmt. w/ 1500sx) TOC @ 266'	17.00	K-55/L-80	0.00 6,914.00
Liner	4-1/2" FJ CMT to Surf	11.60	J-55	0.00 6,866.00
Injection Tubing	2-3/8" IPC	4.7	J-55	0 6580
INJECTION TBG STRING				
ITEM	DESCRIPTION	LENGTH (FT)	Btm (FT)	
1	2-3/8" 4.7 LB/FT J-55 IPC TBG	6,580.00	6580.00	
2	2-3/8" ON/OFF TOOL W/ 1.78 F PROFILE	1.80	6581.80	
3	2-3/8" X 4-1/2" NICKLE PLATED ARROW-SET PKR	6.20	6588.00	
4	2-3/8" 4.7 LB/FT J-55 IPC TBG	8.00	6596.00	
5	2-3/8" PROFILE NIPPLE 1.50 R	0.90	6596.90	
6	2-3/8" 4.7 LB/FT J-55 IPC TBG	6.00	6602.90	
7				
8				
9				
10				
PERFORATIONS				
Form.	Intervals	FT	SPF	
Drinkard	(Estimated) 6612'-6771')	70	4	

Injection Packer Set @ 6580'

Drinkard Perfs:
(Proposed)
6530' - 6791'
70', 280 Shots

PBTD: 6,851.0
TD: 6,866.0