

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 August 1, 2011

HOBBS OCD
MAY 20 2013

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

WELL API NO. 30-025-06442
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name West Blinebry Drinkard Unit (WBDU) 737346
8. Well Number 005
9. OGRID Number 873
10. Pool name or Wildcat Eunice; B-T-D, North (22900)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3488' GL

UNDERTAKING 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 Injection

2. Name of Operator
Apache Corporation

3. Address of Operator
303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705

4. Well Location
 Unit Letter G : 1980 feet from the North line and 1980 feet from the East line
 Section 9 Township 21S Range 37E NMPM County Lea

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK PLUG AND ABANDON
 TEMPORARILY ABANDON CHANGE PLANS
 PULL OR ALTER CASING MULTIPLE COMPL
 DOWNHOLE COMMINGLE

OTHER:

SUBSEQUENT REPORT OF:

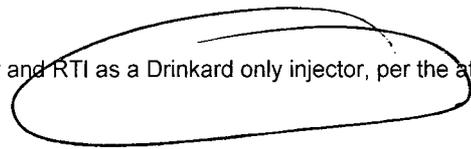
REMEDIAL WORK ALTERING CASING
 COMPLETION OF WELL PERMITS
 CASING/CEMENT JOB

OTHER:

Per Underground Injection Control Program Manual
11.6 C Packer shall be set within or less than 100 feet of the uppermost injection perfs or open hole.

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 install a liner and RTI as a Drinkard only injector, per the attached procedure.



WFY = R-12981
 Spud Date: 7/7/1947

Rig Release Date: 9/13/1947

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

SIGNATURE Reesa Holland Fisher TITLE Sr. Staff Reg Tech DATE 5/17/2013

Type or print name Reesa Holland Fisher E-mail address: Reesa.Holland@apachecorp.com PHONE: 432/818-1062

For State Use Only

APPROVED BY: [Signature] TITLE Dist MGR DATE 5-22-2013

Conditions of Approval: The Operator shall give the OCD District office 24 hours notice before work begins.

CONDITION OF APPROVAL: Notify OCD Hobbs Office 24 hours prior to running MIT Test & Chart.

MAY 23 2013

[Handwritten initials]

WBDU 5W Proposed Procedure:

Clean the well out, install and cement a 4-1/2" liner to surface, complete all floodable pay in the Drinkard, and return the well to injection as a Drinkard only injector

Day 1: MIRU. Install BOP. Release 7" packer and POOH w/ 2-3/8" IPC injection tubing and packer.
PU and RIH w/6-1/8" bit and 2-3/8" work string

Day 2: Cont RIH w/6-1/8" bit and 2-3/8" work string. RIH to top of 4-1/2" liner @ +/-6385', POOH.
PU RIH w/tapered mill and 2-3/8" work string

Day 3: Cont. RIH w/tapered mill and 2-3/8" work string. Mill on liner top. POOH
PU and RIH w/3-3/4" bit and 2-3/8" work string

Day 4: Cont. RIH w/3-3/4" bit and 2-3/8" work string. Clean out 4-1/2" liner to +/-6770' PBTD. POOH

Day 5: RU wireline unit. RIH w/ GR/CNL/CBL/CCL, log well from 6770' to surface, POOH (Drinkard perforations to be determined from log)

RIH w/ wireline and set 4-1/2" CIBP @ +/-6425'

Day 6: RU casing crew & equipment

RIH w/lead seal tie-back, 1 jt. shoe track, float collar, and 4-1/2" 11.6# J-55 casing w/ centralizers, marker joint, and stage tool (at +/- 5500')

Land seal tie-back in 4-1/2" liner top @ +/-6385'. Set 15,000# to 20,000# compression down to compress lead seal. DO NOT PICK BACK UP

Perform two stage cement job to surface. WOC

Day 7: RIH w/ 3-3/4" bit on 2-3/8" work string. Drill out stage tool, float collar, seal tie-back, cement and CIBP. Clean well out to +/-6770' PBTD. POOH

Day 8: RU wireline unit. RIH w/CBL/CCL, log well from PBTD to surface. RIH w/perforating guns, perforate the Drinkard as per the log evaluation above at 4 SPF, 90 degree phasing

PU RIH w/4-1/2" treating packer on 2-3/8" work string

Day 9: Cont. RIH w/4-1/2" treating packer on 2-3/8" work string. Set packer @ +/-6400'

Acidize the Drinkard w/10,000 gals 15% HCl-NE-FE BXDX acid w/scale inhibitor and rock salt in 3 equal stages @ +/-10 BPM. Release pkr. Wash out salt

POOH

Day 10: RIH w/4-1/2" injection packer, on-off tool and 2-3/8" work string. Set packer @ +/- 6410'. P/T backside to 500 psi. Release on/off tool and POOH LD 2-3/8" work string

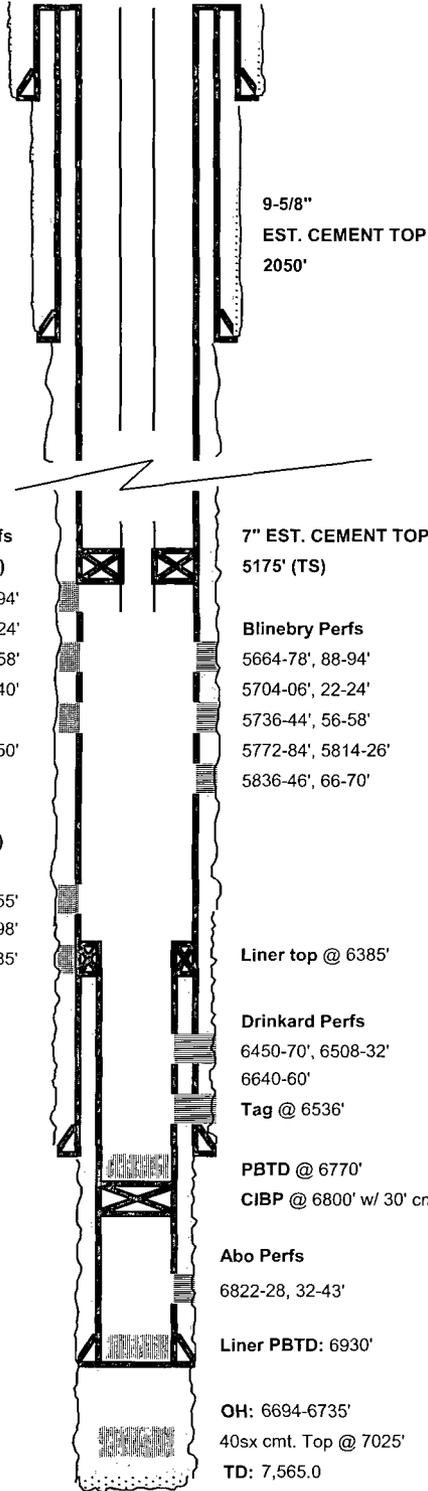
Day 11: RIH w/2-3/8" IPC injection tubing. Latch on to packer @ +/- 6410'. RO

Day 12: Run MIT for NMOCD

Allow injection rates to stabilize, run injection profile and temperature survey

At later date, shut well in and perform injection fall-off test or static gradient

Apache Corporation
WBDU #5W (SOUTHLAND ROYALTY A #1)
WELL DIAGRAM (CURRENT CONFIGURATION)

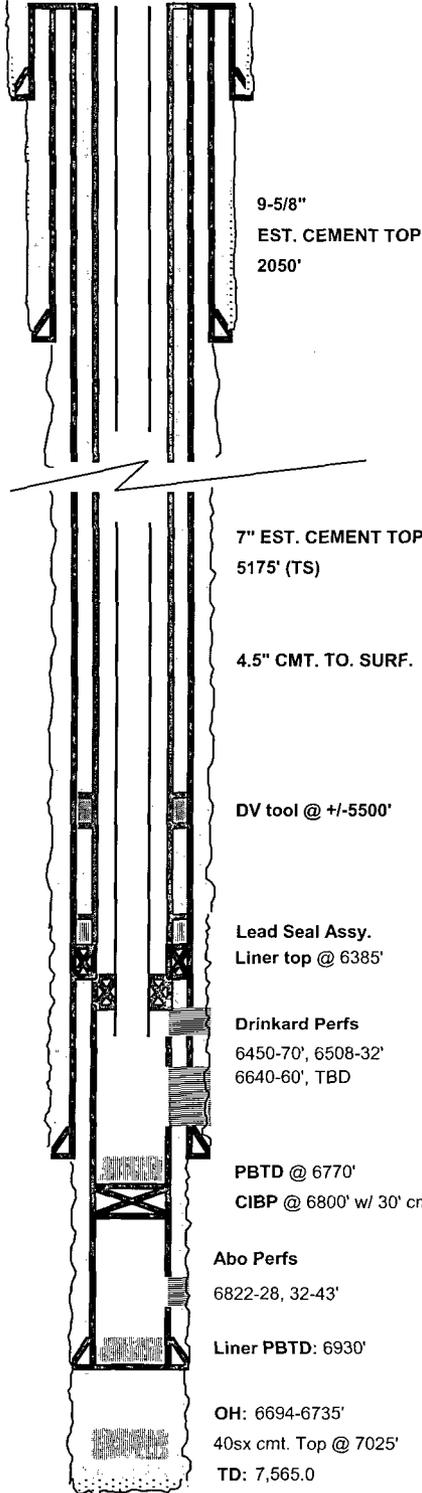


WELL NAME: WBDU #5W (SOUTHLAND ROYALTY A #1)		API: 30-025-06442		
LOCATION: 1980'N/1980'E C-SW-NE, Sec. 9, T-21S, R-37E		COUNTY: Lea Co., NM		
SPUD/TD DATE: 07-07-47 / 08-29-47		COMP. DATE: 9/12/1947		
INJ ORDER DATE: 8/11/2008	INJ. ORDER #: R-1298/A	BPD/PSI: 490/1120		
PREPARED BY: Michael Hunter		DATE: 5/1/2013		
TD: 7,565.0	KB Elev. 3488.00	KB Dist. H		
PBTD: 6,770.0	Ground Elev. 3478.00	KB to Ground 10.00		
CASING/TUBING	SIZE (IN)	WEIGHT (LB/FT)	GRADE	DEPTHS (FT)
Surface Casing	13-3/8" (225sx, circ.)	36/54.5	J-55	0.00 248.00
	9-5/8" (1500sx, TOC @ 2050')	32/36	J-55	0.00 3,860.00
Prod. Casing	7" (600sx, TOC @ 5175' TS)	23.00	J-55/N-80	0.00 6,683.00
Liner	4-1/2" (144sx, circ.)	11.60	K-55	6,385.00 7,000.00
Tubing	2-3/8"	4.7#	J-55 IPC	0.00 5,610.00

INJECTION TBG STRING			
ITEM	DESCRIPTION	LENGTH (FT)	Depth (FT)
1	ON/OFF TOOL		5,589
2	7" LOK-SET PACKER		5,591
3	177 JTS 2-3/8" 4.7# J-55 IPC		5,610
4			
5			
6			
7			
8			
9			
10			

PERFORATIONS		
Zone	Intervals	Density
Blinebry	5664-78', 88-94', 5704-06', 22-24', 36-44', 56-58', 72-84', 5814-26, 36-46', 66-70' (Active)	1/2 SPF
	5664-78', 88-94', 5704-06', 22-24', 36-44', 56-58', 5814-16', 38-40', 68-70', 5902-04', 48-50' (Squeezed)	2/4 SPF
Tubb	6150-60', 6210-28', 42-55', 65-75', 92-98', 6347-53', 80-85' (Squeezed)	4 SPF
Drinkard	6450-70', 6508-32', 6640-60' (Active)	4 SPF
Abo	6822-28', 6832-43' (Suspended)	4 SPF

Apache Corporation
WBDU #5W (SOUTHLAND ROYALTY A #1)
WELL DIAGRAM (CURRENT CONFIGURATION)



WELL NAME: WBDU #5W (SOUTHLAND ROYALTY A #1)		API: 30-025-06442		
LOCATION: 1980°N/1980°E C-SW-NE, Sec. 9, T-21S, R-37E		COUNTY: Lea Co., NM		
SPUD/TD DATE: 07-07-47 / 08-29-47		COMP. DATE: 9/12/1947		
INJ ORDER DATE: 8/11/2008	INJ. ORDER #: R-1298/A	BPD/PSI: 490/1120		
PREPARED BY: Michael Hunter		DATE: 5/1/2013		
TD: 7,565.0	KB Elev. 3488.00	KB Dist. H		
PBTD: 6,770.0	Ground Elev. 3478.00	KB to Ground 10.00		
CASING/TUBING	SIZE (IN)	WEIGHT (LB/FT)	GRADE	DEPTHS (FT)
Surface Casing	13-3/8" (225sx, circ.)	36/54.5	J-55	0.00 248.00
	9-5/8" (1500sx, TOC @ 2050')	32/36	J-55	0.00 3,860.00
Prod. Casing	7" (600sx, TOC @ 5175' TS)	23.00	J-55/N-80	0.00 6,683.00
Liner	4-1/2" (Cmt. to surf.)	11.60	J-55	0.00 6,385.00
	4-1/2" (144sx, circ.)	11.60	K-55	6,385.00 7,000.00
Tubing	2-3/8"	4.7#	J-55 IPC	0.00 6,430.00

INJECTION TBG STRING			
ITEM	DESCRIPTION	LENGTH (FT)	Depth (FT)
1	ON/OFF TOOL		+/-6408
2	4-1/2" LOK-SET PACKER		+/-6410
3	203 JTS 2-3/8" 4.7# J-55 IPC		+/-6430
4			
5			
6			
7			
8			
9			
10			

PERFORATIONS		
Zone	Intervals	Density
Blinebry		
Tubb		
Drinkard	6450-70', 6508-32', 6640-60' (Active)	4 SPF
	TBD	4 SPF
Abo	6822-28', 6832-43' (Suspended)	4 SPF

OH: 6694-6735'
 40sx cmt. Top @ 7025'
 TD: 7,565.0