

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
June 19, 2008

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

WELL API NO. 30-025-06735
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 Northeast Drinkard Unit / 22503
8. Well Number 802
9. OGRID Number 873
10. Pool name or Wildcat Eunice; Bli-Tu-Dri, 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-110) FOR PROPOSALS.)	
1. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other:	
2. Name of Operator Apache Corporation	
3. Address of Operator 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705	
4. Well Location Unit Letter E : 1980 feet from the North line and 660 feet from the West line Section 22 Township 21S Range 37E NMPM County Lea	
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	

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"/>			
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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

This well has been in TA status. Apache initially obtained CTI approval 2/19/2014, also reference WFX-624. Apache would like to proceed with the attached amended procedure to convert the well. The initial proposed plan included running a full 4 1/2" liner from TD to surface. In an effort to satisfy economic constraints, we would like to propose an updated procedure to the OCD in which the liner is only set in the bottom section of the well to cover the existing perforations.

**Condition of Approval: notify
OCD Hobbs office 24 hours
prior of running MIT Test & Chart**

Spud Date:

10/25/1947

Rig Release Date:

12/16/1947

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 Regulatory Analyst

DATE 06/30/2015

Type or print name Reesa Fisher

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

PHONE: 432/818-1062

For State Use Only

APPROVED BY:

Mary S Brown

TITLE

Dist. Supervisor

DATE

8/12/2015

Conditions of Approval (if any):

AUG 13 2015

pm

NEDU 802 (API: 30-025-06735) Proposed Procedure: Convert Well to Injection

June 26, 2015

Note: Prior to rigging up, ensure casing has been pressure tested to 500 psig to pass MIT.

Day 1: MIRU SR. ND WH & NU BOPs. PU & RIH w/ 2-7/8" WS and bit

Day 2: Cont. RIH w/ 2-7/8" WS & bit. Drill out cement and CIBP @ 5570' & circulate clean.

RIH to PBTD @ +/- 6626'. Drill well out to 6680'

Day 3: Cont. to drill well out to 6680'

Day 4: Cont. to drill well out to 6680'. Circulate clean & POOH.

MIRU WL, run GR/CNL/CBL/CCL log from PBTD to surface, POOH. Send logs to Midland

Day 5: RU casing crew and equipment RIH w/ 4-1/2" 11.6# J-55 flush joint casing. Set top of casing at +/- 5,500' to PBTD of +/- 6680'. Cement casing to +/- 5,500'.

Day 6: Wait on cement.

Day 7: RIH w/ 3-3/4" bit on 2-3/8" work string. Drill out float collar and cement to +/- 6665'. Circulate clean. POOH

Day 8: MIRU WL & RIH w/ GR/CBL/CCL, log well from TD to surface, POOH

PU & RIH w/ 3-3/8" TAG guns loaded with SDP charges & perforate the Drinkard @ 4 SPF, 90 deg phasing (estimated 60', 240 shots), POOH

PU & RIH w/ treating packer on 2-3/8" WS

Day 9: Cont. RIH w/ treating packer on 2-3/8" WS. Set packer @ +/-6450'

MIRU acid crew. Acidize the Drinkard w/6,000 gals 15% HCl-NE-FE BXDX acid and rock salt in 3 equal stages @ +/- 10 BPM (max pressure 4,300 psig). Release packer. Wash out salt. POOH

Day 10: PU & RIH w/4-1/2" injection packer c/w 2-3/8" IPC tbg subs, upper & lower profile nipples, & on/off tool on 2-3/8" ws. Set packer @ +/-6450'. Rel. on/off tool & test casing to 500 psi. POOH & LD 2-7/8" WS

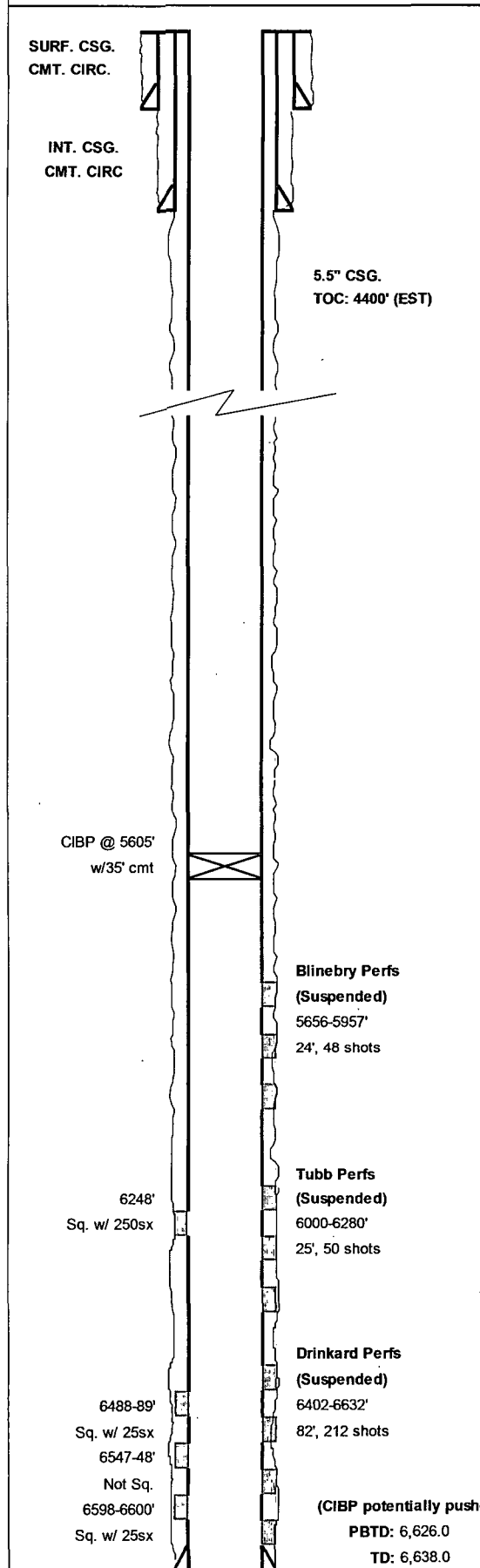
Day 11: PU & RIH w/2-3/8" IPC inj. tbg & on/off tool. Circulate packer fluid & latch onto packer w/ on/off tool. ND BOPs & NU WH. Pressure test casing to 500 psi. RDMO SR

Day 12: Perform MIT test for NM OCD. Place well on injection

**Condition of Approval: notify
OCD Hobbs office 24 hours
prior of running MIT Test & Chart**

Apache Corporation
NEDU #802 (Former: Argo "A" #2)
WELL DIAGRAM (CURRENT CONFIGURATION)

Apache



WELL NAME: NEDU #802 (Former: Argo "A" #2)			API: 30-025-06735		
LOCATION: 1980N/660W, Unit E, Sec 22, T-21S, R-37E			COUNTY: Lea Co, NM		
SPUD-TD DATE: 10/25/47 - 12/2/47			COMP. DATE: 12/13/1947		
PREPARED BY: Michael Hunter			DATE: 2/5/2014		
TD (ft): 6,638.0		KB Elev. (ft): 3,431.0		KB to Ground (ft): 12.0	
PBTD (ft): 5,605.0		Ground Elev. (ft): 3,419.0			
CASING/TUBING	SIZE (IN)	WEIGHT (LB/FT)	GRADE	DEPTHS (FT)	
Surface Casing	13-3/8"	48.0		0.00	255.0
	(Cemented w/200 sx				
	circ to surface)				
Int. Casing	8-5/8"	32.0	H-40	0.00	2,913.0
	(Cemented w/100 sx				
	circ to surface)				
Prod. Casing	5-1/2"	15.5	J-55	0.00	6,627.0
	(CMT. w/600sx				
	TOC EST @ 4400')				
Tubing					
PRODUCTION TBG STRING					
ITEM	DESCRIPTION			LENGTH (FT)	Depth (FT)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
PRODUCTION ROD STRING					
ITEM	DESCRIPTION			LENGTH (FT)	Btm (FT)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
SURFACE EQUIPMENT					
PUMPING UNIT SIZE:			MOTOR HP:		
PUMPING UNIT MAKE:			MOTOR MAKE:		
PERFORATIONS					
Form.	Intervals			FT	SPF
Blinebry	5656', 78', 81', 87', 5709', 15', 40', 44', 47', 51', 5754', 60', 72', 79', 82', 5858', 80', 5914', 24', 33', 36', 50', 54', 57'			24	2
Tubb	6000', 05', 14', 20', 27', 38', 45', 85', 90', 98', 6172', 80', 85', 91', 6204', 14', 20', 27', 38', 46', 59', 72', 80'			25	2
Drinkard	6402', 08', 31', 33', 35', 36', 48', 51', 57', 66', 70', 71', 77', 80', 84', 88', 92', 97', 6512', 13', 14', 15', 16', 20', 23', 24', 25', 26', 35', 43', 51-55', 69-71', 79', 82', 87-91', 6599-6603', 6612', 15-21', 28-32'			58	2
	6605-29'			24	4

(CIBP potentially pushed to 6626')

PBTD: 6,626.0

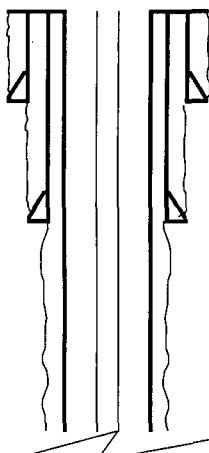
TD: 6,638.0

Apache Corporation
NEDU #802 (Former: Argo "A" #2)
WELL DIAGRAM (PROPOSED CONFIGURATION)



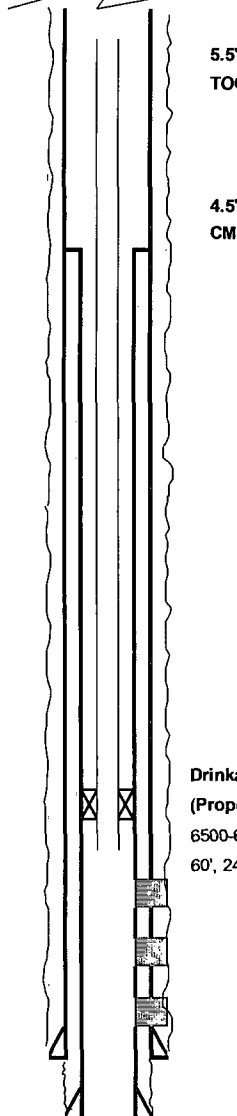
SURF. CSG.
CMT. CIRC.

INT. CSG.
CMT. CIRC



5.5" CSG.
TOC: 4400' (EST)

4.5" CSG.
CMT. CIRC



Drinkard Perfs
(Proposed)
6500-6630' (Estimated)
60', 240 shots (Estimated)

PBTD: 6,665.0
TD: 6,680.0

WELL NAME:	NEDU #802 (Former: Argo "A" #2)	API:	30-025-06735
LOCATION:	1980N/660W, Unit E, Sec 22, T-21S, R-37E	COUNTY:	Lea Co, NM
SPUD-TD DATE:	10/25/47 - 12/2/47	COMP. DATE:	12/13/1947
PREPARED BY:	Bret Shapot	DATE:	6/26/2015
TD (ft): 6,638.0	KB Elev. (ft): 3,431.0	KB to Ground (ft):	12.0
PBTD (ft): 5,605.0	Ground Elev. (ft): 3,419.0		

CASING/TUBING	SIZE (IN)	WEIGHT (LB/FT)	GRADE	DEPTHS (FT)
Surface Casing	13-3/8"	48.0		0.00 255.0
	(Cemented w/200 sx circ to surface)			
Int. Casing	8-5/8"	32.0	H-40	0.00 2,913.0
	(Cemented w/400 sx circ to surface)			
Prod. Casing	5-1/2"	15.5	J-55	0.00 6,627.0
	(CMT. w/600sx TOC EST @ 4400')			
Liner	4-1/2"	11.6	J-55	5,500.00 6,680.0
Tubing				

INJECTION TBG STRING

ITEM	DESCRIPTION	LENGTH (FT)	Depth (FT)
1	2-3/8" 4.7 LB/FT J-55 IPC TBG	6442.0	6442.0
2	2-3/8" ON/OFF TOOL W/ 1.78 F PROFILE	1.8	6443.8
3	2-3/8" X 4-1/2" NICKLE PLATED ARROW-SET PKR	6.2	6450.0
4	2-3/8" 4.7 LB/FT J-55 IPC TBG	8.0	6458.0
5	2-3/8" PROFILE NIPPLE 1.50 R	0.9	6458.9
6	2-3/8" 4.7 LB/FT J-55 IPC TBG	6.0	6464.9
7			
8			
9			
10			

PERFORATIONS

Form.	Intervals	FT	SPF
Drinkard	6500-6630' (Estimated)	60	4