

DISTRICT I

1625 N. French Dr., Hobbs, NM 88240

DISTRICT II

811 South First, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505FORM C-103
Revised March 25, 1999

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. 30-025-06366
1. Type of Well: <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER Injection		5. Indicate Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE
2. Name of Operator Apache Corporation		6. State Oil & Gas Lease No.
3. Address of Operator 2000 Post Oak Blvd., Ste. 100, Houston, Texas 77056-4400		7. Lease Name or Unit Agreement Name Northeast Drinkard Unit
4. Well Location Unit Letter W : 660 Feet From The South Line and 1780 Feet From The West Line Section 2 Township 21S Range 37E NMPM Lea County		8. Well No. 320 WFX-759
10. Elevation (Show whether DP, RKB, RT, GR, etc.) 3476' GR		9. Pool name or Wildcat Eunice N., Blinbry-Tubb-Drinkard

11.

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

- | | | | |
|--|---|---|---|
| <input type="checkbox"/> 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 Operations | <input type="checkbox"/> Plug and Abandonment |
| <input type="checkbox"/> Pull or Alter Casing | | <input type="checkbox"/> Casing Test and Cement Job | |
| <input type="checkbox"/> Other | | <input checked="" type="checkbox"/> Other | Convert to Injection |

12. 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.

5/30/00 MIRU. POH w/ pump & rods, LD. Nipple down wellhead, nipple up BOP. PU on tbg 10 pts - possible tbg part. POH w/ 52 jts tbg - found body part 3' down on 53rd jt @ 1621'. SDFN.

5/31/00 RIH w/ OS, jars & bumper sub. Latch fish @ 1621'. Attempt to release TAC - twisted off tubing. POH w/ fishing tool & 4 1/2 jts tbg. RIH w/ OS. Latch fish @ 1790'. RU WL. RIH w/ free point tool - could not get thru top of fish @ 1790'. POH w/ free point tool. Attempted blind back off - backed off WS. POH w/ WS. RIH w/ OS & torque each jt. Tag fish. Would not latch. POH w/ BHA-found large pieces of tbg in OS. RIH w/ OS & latch fish. RIH w/ free point tool. Found tbg free @ 5557' (top of TAC). POH w/ free point tool. RIH w/ chemical cutter & cut tbg @ 5540'. POH w/ chemical cutter. POH w/ OS - leave 2-3/8" tbg hanging until AM. SDFN.

6/1/00 POH w/ 2-3/8" tbg and lay down. RIH w/ OS, jars, bumper sub, DC & WS. Latch fish. Attempt to release TAC - would not release. Jar on TAC & shear. POH & recover TAC w/ 10 jts 2-3/8" tbg. RIH w/ casing scraper to 5700'. POH w/ scraper. SDFN.

Continued on other side

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

SIGNATURE

*Debra J. Anderson*TITLE **Sr. Engineering Technician**DATE **7/28/00**

TYPE OR PRINT NAME

Debra J. AndersonTELEPHONE NO. **713-296-6338**

(This space for State Use)

APPROVED BY

TITLE

DATE

AUG 17 2000

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED BY
 FIELD REP. II

JCSN

18

Northeast Drinkard Unit # 320
API No. 30-025-06366
Convert to Injection
C-103 Sundry continued

- 6/2/00 RU RBP & pkr, RIH. Set RBP @ 5690'. Set pkr @ 5679'. Pump 85 bbls 1% KCL down backside. Pressure test casing to 540# for 15 mins. - OK. Release pkr and retrieve RBP. POH w/ tbg & tools. PU 4-3/4" bit & RIH to top of fill @ 5905'. Clean out to TD @ 5925'. POH w/ tbg & bit. SDFWE.
- 6/5/00 RIH w/ pkr, set pkr @ 5676'. Load backside to 500#. Acidize Blinbry open hole with 2000 gals 15% HCL. Release pkr & circulate hole w/ KCL. POH w/ tbg & pkr. SDFN.
- 6/6/00 RIH w/ WS, SN & notch collar. Tag salt @ 5745'. Clean out to TD @ 5925'. POH & laydown WS. Unload 2-3/8" injection tbg. RIH w/ lok-set pkr & poly lined tbg. Left pkr swinging @ 5690'. SDFN.
- 6/7/00 Pump 100 bbls pkr fluid. Set pkr @ 5690'. Finish loading backside. Attempt MIT - would not test. RU Wireline. RIH w/ 1-1/2" plug to test tbg. Stack out @ 2690'. POH w/ WL & plug. RIH w/ 1.48" gauge ring. Stack out @ 2690'. POH w/ gauge ring. RD Wireline. POH w/ pkr & tbg. Found 2 small holes in injection tbg @ 88th jt w/ poly liner collapsed. SDFN.
- 6/8/00 RIH w/ 2-3/8" inj tbg & pkr. Set pkr @ 5692'. Load backside w/ pkr fluid & attempt to work air out of casing. Pressure backside to 500# - lost 10# in 15 mins. Will allow air to work out of pkr fluid overnight & attempt final MIT in AM. Rig down. SDFN.
- 6/9/00 Run MIT. Test backside to 520# for 15 mins. - tested OK. (See Attached) Prep to put on injection.
- 6/13/00 Hook well up to injection system. Put on injection.

2HR

5

10

15

20

25

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35

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45

50

55

1HR

5

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45

50

55

PRINTED IN U.S.A.

BIG SPRING
INSTRUMENT INC.

NEOH 320

6/4/00

0-1000
2 HOUR

GC-10615

Submit to Appropriate District Office

State Lease-6 copies

Fee Lease-5 copies

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Energy, Minerals and Natural ResourcesOIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-105

Revised March 25, 1999

WELL API NO.

30-025-06366

5. Indicate Type of Lease

☒ STATE☐ FEE

6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

☐ OIL WELL☐ GAS WELL☐ DRY☒ OTHER

b. Type of Completion:

☐ New Well☐ Workover☐ Deepen☐ Plug Back☐ Diff. Resvr.☒ Other**Injection**

2. Name of Operator

Apache Corporation

3. Address of Operator

2000 Post Oak Blvd., Ste. 100, Houston, Texas 77056-4400 / 713-296-6000

4. Well Location

Unit Letter W : 660 Feet From The South Line and 1780 Feet From The West Line
Section 2 Township 21S Range 37E NMPM Lea County

10. Date Spudded

11. Date T.D. Reached

12. Date Compl. (Ready to Prod.)

6/13/00

13. Elevations (DF & RKB, RT, GR, etc.)

3476'

GR

14. Elev. Casinghead

15. Total Depth

5925

16. Plug Back T.D.

5925

17. If Multiple Compl. How

Many Zones?

18. Intervals

Drilled By

Rotary Tools

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

Blinebry 5769 - 5925 Injection Interval

20. Was Directional Survey Made

21. Type Electric and Other Logs Run

22. Was Well Cored

23.

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48#	334	17-1/2	375 sx / Circulated to Surface	
8-5/8	24# & 32#	3049	11	2000 sx / TOC @ 1390' (TS)	
5-1/2	14# & 15.5#	5769	7-7/8	825 sx / TOC @ 2080' (TS)	

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25.

TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8		5692

26. Perforation record (interval, size, and number)

Blinebry 5769 - 5925 Open Hole

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5769 - 5925	Acidize w/ 2000 gals 15% HCL

28.

PRODUCTION

Date First Production 6/13/00		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in) Injecting	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24- Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Test Witnessed By

30. List Attachments

C-103 Sundry Notice / MIT Chart

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature

Printed
Name

Debra J. Anderson

Title

Sr. Engineering Technician

Date 7/28/00

GWW

1

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INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. _____
T. Blinebry	T. Gr. Wash	T. Morrison	T. _____
T. Tubb	T. Delaware Sand	T. Todilto	T. _____
T. Drinkard	T. Bone Springs	T. Entrada	T. _____
T. Abo	T. Rustler	T. Wingate	T. _____
T. Wolfcamp	T. _____	T. Chinle	T. _____
T. Penn	T. _____	T. Permian	T. _____
T. Cisco (Bough C)	T. _____	T. Penn "A"	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from to No. 3, from to
No. 2, from to No. 4, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet

No. 2, from to feet

No. 3, from to feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology

From	To	Thickness in Feet	Lithology