

DATE IN 1/7/13	SUSPENSE 1/23/13	ENGINEER WJD	LOGGED IN	TYPE Swd	APP NO. PWJ
-------------------	---------------------	-----------------	-----------	-------------	----------------

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
 [A] Location - Spacing Unit - Simultaneous Dedication
 NSL NSP SD
- Check One Only for [B] or [C]
 [B] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR
- [D] Other: Specify _____
- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply
 [A] Working, Royalty or Overriding Royalty Interest Owners
 [B] Offset Operators, Leaseholders or Surface Owner
 [C] Application is One Which Requires Published Legal Notice
 [D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
 [F] Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

DARRIN STEED Darrin Steed SR. STAFF PROD ENG 1/15/13
 Print or Type Name Signature Title Date

Darrin.Steed@Apachecorp.com
 e-mail Address

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: Secondary Recovery Pressure Maintenance Disposal Storage
Application qualifies for administrative approval? Yes No

II. OPERATOR: Apache Corporation
ADDRESS: 303 Veterans Airpark Lane, Suite 3000, Midland, TX 79705
CONTACT PARTY: Darrin Steed PHONE: 432-818-1076

III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.
Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? Yes No
If yes, give the Division order number authorizing the project: R-12394

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).

*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

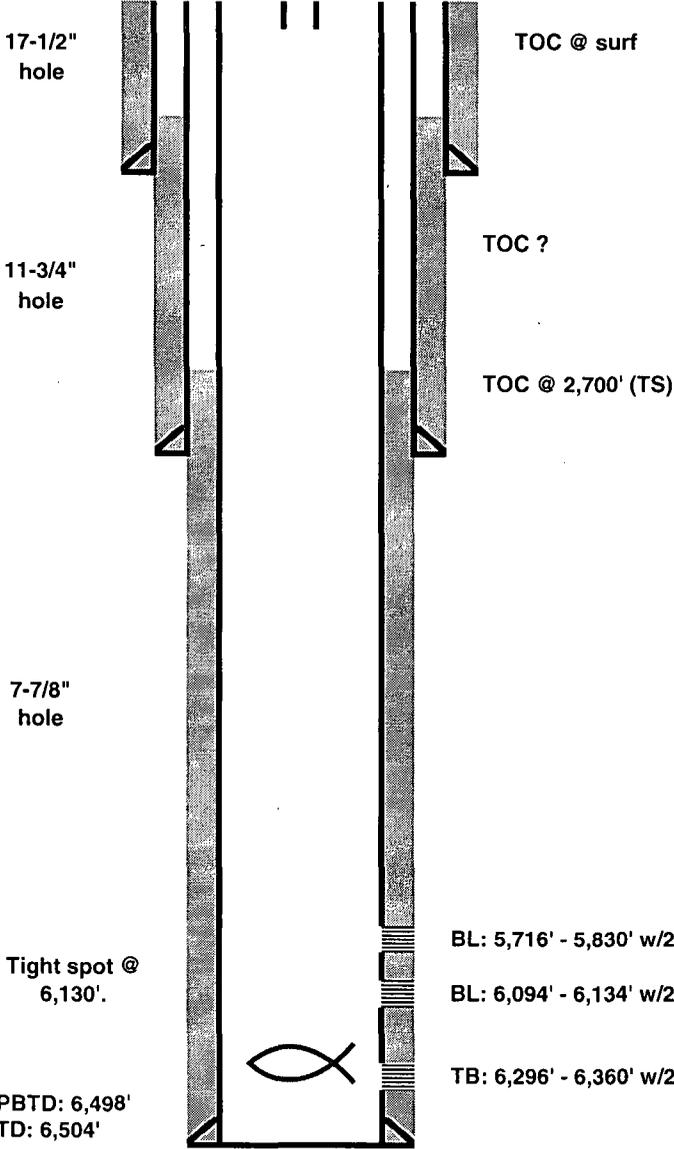
NAME: DARRIN STEED TITLE: Sr Staff Production Eng.
SIGNATURE: Darrin Steed DATE: 12/17/12
E-MAIL ADDRESS: Darrin.Steed@Apachecorp.com

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: June 16, 2005; Unitization hearing

3-025-06568

Apache Corporation	
Co. Rep	
Well Name	EBDU Well No. 55
Field	Eunice Area (EBDU)
County	Lea
State	New Mexico
Date	11/15/2012
GL	3,433'
KB corr	11'

Casing	O.D. (in)	Grade	Wt (#/ft)	Depth (ft)	TOC (ft)
Surf	13-3/8"		48	139'	Surf
Inter	8-5/8"	J-55	32	3,024'	?
Prod	5-1/2"		15.5	6,499'	2,700'
Liner					



Depth	Description
6,253'	Top of fish. See well history 8/25/11.

(EXISTING)

BL: 5,716' - 5,830' w/2 JSPF

BL: 6,094' - 6,134' w/2 JSPF

TB: 6,296' - 6,360' w/2 JSPF (56 holes).

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8" Lining Material: Plastic

Type of Packer: Baker Lockset (Nickel Plated)

Packer Setting Depth: 5,600'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____ Yes X No

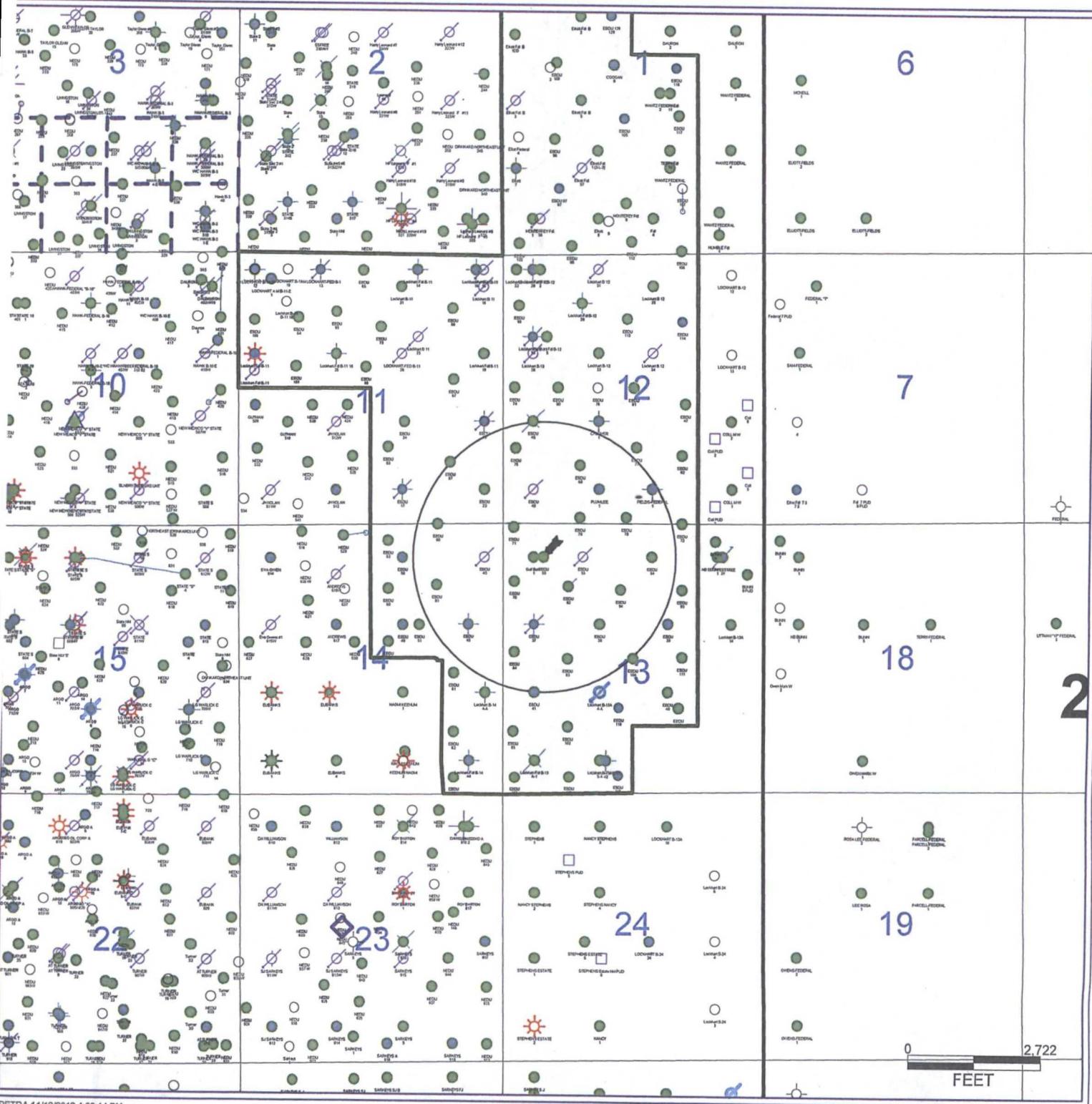
If no, for what purpose was the well originally drilled? Producer

2. Name of the Injection Formation: Blinebry

3. Name of Field or Pool (if applicable): North Eunice / Blinebry – Tubb – Drinkard

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. Tubb: 6,296' – 6,360'

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: Drinkard: 6,530'; Grayburg: 3,800'



OPERATOR	LEASE NAME	WELL #	LOCATION	FOOTAGE	TYPE	API	SPUD DATE	TD
Apache Corporation	East Blinebry Drinkard Unit	22	Unit P, Sec 11, T-21-S, R-37-E	660' FSL & 330' FEL	OIL	3002506528	06/1956	5,900'
Apache Corporation	East Blinebry Drinkard Unit	87	Unit P, Sec 11, T-21-S, R-37-E	1,185' FSL & 1,060' FEL	OIL	3002539406	08/2009	6,950'
Apache Corporation	East Blinebry Drinkard Unit	46	Unit L, Sec 12, T-21-S, R-37-E	1,980' FSL & 660' FWL	TA	3002506552	10/1955	5,950'
Apache Corporation	East Blinebry Drinkard Unit	75	Unit L, Sec 12, T-21-S, R-37-E	1,450' FSL & 265' FWL	OIL	3002539012	08/2008	6,985'
Apache Corporation	East Blinebry Drinkard Unit	48	Unit M, Sec 12, T-21-S, R-37-E	660' FSL & 660' FWL	INJ	3002506550	03/1956	5,920'
Apache Corporation	Plumlee	1	Unit N, Sec 12, T-21-S, R-37-E	660' FSL & 1,980' FWL	OIL	3002506554	03/1952	7,674'
Apache Corporation	East Blinebry Drinkard Unit	68	Unit N, Sec 12, T-21-S, R-37-E	1,120' FSL & 1,550' FWL	OIL	3002538500	02/2008	7,000'
Apache Corporation	East Blinebry Drinkard Unit	78	Unit N, Sec 12, T-21-S, R-37-E	110' FSL & 2,480' FWL	OIL	3002539274	10/2009	7,045'
Apache Corporation	East Blinebry Drinkard Unit	79	Unit N, Sec 12, T-21-S, R-37-E	110' FSL & 1,550' FWL	OIL	3002539378	09/2009	6,997'
Apache Corporation	Fields	1	Unit O, Sec 12, T-21-S, R-37-E	660' FSL & 2,310' FEL	P&A	3002506553	03/1956	5,938'
Apache Corporation	East Blinebry Drinkard Unit	54	Unit B, Sec 13, T-21-S, R-37-E	660' FNL & 2,310' FEL	OIL	3002506567	02/1955	6,300'
Apache Corporation	East Blinebry Drinkard Unit	53	Unit C, Sec 13, T-21-S, R-37-E	660' FNL & 1,650' FWL	INJ	3002506566	05/1954	6,010'
Apache Corporation	East Blinebry Drinkard Unit	94	Unit C, Sec 13, T-21-S, R-37-E	1,310' FNL & 2,365' FWL	OIL	3002539035	10/2008	7,045'
Apache Corporation	East Blinebry Drinkard Unit	82	Unit C, Sec 13, T-21-S, R-37-E	1,090' FNL & 1,485' FWL	OIL	3002539568	12/2009	7,550'
Apache Corporation	Gulf Bunin	1	Unit D, Sec 13, T-21-S, R-37-E	660' FNL & 660' FWL	OIL	3002506563	01/1953	7,145'
Apache Corporation	East Blinebry Drinkard Unit	55	Unit D, Sec 13, T-21-S, R-37-E	660' FNL & 860' FWL	OIL	3002506568	02/1956	6,504'
Apache Corporation	East Blinebry Drinkard Unit	70	Unit D, Sec 13, T-21-S, R-37-E	1,145' FNL & 235' FWL	OIL	3002538501	01/2008	6,950'
Apache Corporation	East Blinebry Drinkard Unit	71	Unit D, Sec 13, T-21-S, R-37-E	80' FNL & 225' FWL	OIL	3002538536	01/2008	7,000'
Apache Corporation	East Blinebry Drinkard Unit	37	Unit E, Sec 13, T-21-S, R-37-E	1,980' FNL & 660' FWL	INJ	3002506556	08/1953	6,750'
Apache Corporation	East Blinebry Drinkard Unit	84	Unit E, Sec 13, T-21-S, R-37-E	2,530' FNL & 235' FWL	OIL	3002539675	07/2010	7,325'
Apache Corporation	East Blinebry Drinkard Unit	38	Unit F, Sec 13, T-21-S, R-37-E	1,980' FNL & 1,980' FWL	OIL	3002506557	01/1955	6,050'
Apache Corporation	East Blinebry Drinkard Unit	41	Unit L, Sec 13, T-21-S, R-37-E	1,980' FSL & 660' FWL	OIL	3002506562	07/1955	5,938'
Apache Corporation	East Blinebry Drinkard Unit	83	Unit L, Sec 13, T-21-S, R-37-E	2,630' FSL & 1,300' FWL	OIL	3002539459	09/2009	7,000'
Apache Corporation	East Blinebry Drinkard Unit	45	Unit A, Sec 14, T-21-S, R-37-E	660' FNL & 330' FEL	INJ	3002506575	06/1956	5,900'
Apache Corporation	East Blinebry Drinkard Unit	80	Unit A, Sec 14, T-21-S, R-37-E	10' FNL & 1,310' FEL	OIL	3002539674	03/2010	6,815'
Apache Corporation	East Blinebry Drinkard Unit	81	Unit B, Sec 14, T-21-S, R-37-E	1,205' FNL & 1,330' FEL	OIL	3002539057	09/2008	6,925'
Apache Corporation	East Blinebry Drinkard Unit	43	Unit H, Sec 14, T-21-S, R-37-E	1,980' FNL & 660' FEL	OIL	3002506573	10/1952	6,648'

CONSTRUCTION

**TOP OF
CEMENT**

8-5/8" @ 1,400' CMT w/750 sx; 5-1/2" @ 5,899' CMT w/3,200 sx	surf
8-5/8" @ 1,390' CMT w/650 sx; 5-1/2" @ 6,950' CMT w/1,000 sx	surf
13-3/8" @ 299' CMT w/300 sx; 8-5/8" @ 3,237' CMT w/1,500 sx; 5-1/2" @ 5,937' CMT w/100 sx	5,035'
8-5/8" @ 1,425' CMT w/850 sx; 5-1/2" @ 6,985' CMT w/1,482 sx	1,410'
13-3/8" @ 314' CMT w/300 sx; 8-5/8" @ 3,248' CMT w/1,500 sx; 5-1/2" @ 5,919' CMT w/100 sx	5,457'
13-3/8" @ 210' CMT w/250 sx; 8-5/8" @ 3,182' CMT w/2,200 sx; 5-1/2" @ 6,950' CMT w/50 sx	5,300'
8-5/8" @ 1,450' CMT w/650 sx; 5-1/2" @ 7,000' CMT w/1,150 sx	230'
8-5/8" @ 1,495' CMT w/700 sx; 5-1/2" @ 7,045' CMT w/1,200 sx	50'
8-5/8" @ 1,460' CMT w/650 sx; 5-1/2" @ 6,997' CMT w/1,000 sx	70'
13-3/8" @ 314' CMT w/300 sx; 8-5/8" @ 3,249' CMT w/1,250 sx; 5-1/2" @ 5,937' CMT w/100 sx	2,821'
12-3/4" @ 126' CMT w/125 sx; 9-5/8" @ 3,054' CMT w/2,000 sx; 7" @ 6,295' CMT w/700 sx	2,576'
13-3/8" @ 190' CMT w/430 sx; 9-5/8" @ 3,000' CMT w/1,225 sx; 7" @ 6,010' CMT w/500 sx	3,350'
8-5/8" @ 1,470' CMT w/750 sx; 5-1/2" @ 7,045' CMT w/1,600 sx	70'
8-5/8" @ 1,392' CMT w/650 sx; 5-1/2" @ 7,550' CMT w/1,200 sx	surf
13-3/8" @ 183' CMT w/200 sx; 8-5/8" @ 2,868' CMT w/1,150 sx; 5-1/2" @ 6,680' CMT w/600 sx	2,667'
13-3/8" @ 127' CMT w/150 sx; 8-5/8" @ 3,024' CMT w/2,508 sx; 5-1/2" @ 6,499' CMT w/800 sx	2,806'
8-5/8" @ 1,390' CMT w/650 sx; 5-1/2" @ 6,950' CMT w/1,150 sx	84'
8-5/8" @ 1,407' CMT w/650 sx; 5-1/2" @ 7,000' CMT w/1,200 sx	50'
13-3/8" @ 262' CMT w/250 sx; 9-5/8" @ 3,149' CMT w/1,675 sx; 7" @ 6,748' CMT w/651 sx	3,286'
8-5/8" @ 1,407' CMT w/750 sx; 5-1/2" @ 7,325' CMT w/1,530 sx	50'
10-3/4" @ 253' CMT w/250 sx; 7-5/8" @ 3,149' CMT w/1,155 sx; 5-1/2" @ 6,048' CMT w/646 sx	3,066'
10-3/4" @ 258' CMT w/200 sx; 7-5/8" @ 3,099' CMT w/1,295 sx; 5-1/2" @ 5,984' CMT w/460 sx	4,068'
8-5/8" @ 1,420' CMT w/650 sx; 5-1/2" @ 7,000' CMT w/2,350 sx	surf
8-5/8" @ 1,411' CMT w/725 sx; 5-1/2" @ 5,899' CMT w/2,575 sx	surf
8-5/8" @ 1,352' CMT w/700 sx; 5-1/2" @ 6,815' CMT w/1,150 sx	150'
8-5/8" @ 1,375' CMT w/700 sx; 5-1/2" @ 6,925' CMT w/1,600 sx	114'
13-3/8" @ 250' CMT w/250 sx; 9-5/8" @ 3,149' CMT w/1,570 sx; 7" @ 6,583' CMT w/625 sx	3,250'

COMPLETIONS & COMMENTS

07/56: 5,704' - 5,883'

09/09: 5,649' - 6,734'

11/55: 5,870' - 5,900'; 06/70: 5,724' - 5,918'; 02/82: 5,631' - 5,918'. TA'd.

5,658' - 6,772'

04/56: 5,720' - 5,815'

5/52: 6,950' - 7,510'; 02/55: CIBP @ 6,750'; Sqzd 200 sx thru holes; @ 6,150' (TOC @ 5,300'; 5,750' - 5,870'; 08/73: Sqzd 5,750' - 5,870' & CO; CIBP @ 6,875';

perf 6,575' - 6,837'; 03/80: Sqzd csg leak 3,500' - 4,675'; 11/86: Sqzd 6,575' - 6,837' & CO to O.H.

5,732' - 6,755'

5,747' - 6,811'

5,692' - 6,777'

04/56: 5,759' - 5,882'; 10/71: Sqzd 5,360' - 5,380' w/550 sx; 06/05: P&A

09/55: 5,780' - 5,970'

10/54: 5,702' - 5,888'

5,736' - 6,470'

5,724' - 6,754'

6,994' - 7,165' O.H.

03/56: 5,716' - 5,830'

5,663' - 6,716'

5,644' - 6,770'

10/53: 6,622' - 6,703'; 06/55: 5,680' - 5,890'; BP @ 6,250'

5,652' - 6,716'

03/55: 5,720' - 6,036'

09/55: 5,646' - 5,842'

5,686' - 6,747'

07/56: 5,693' - 5,877'

5,624' - 6,715'

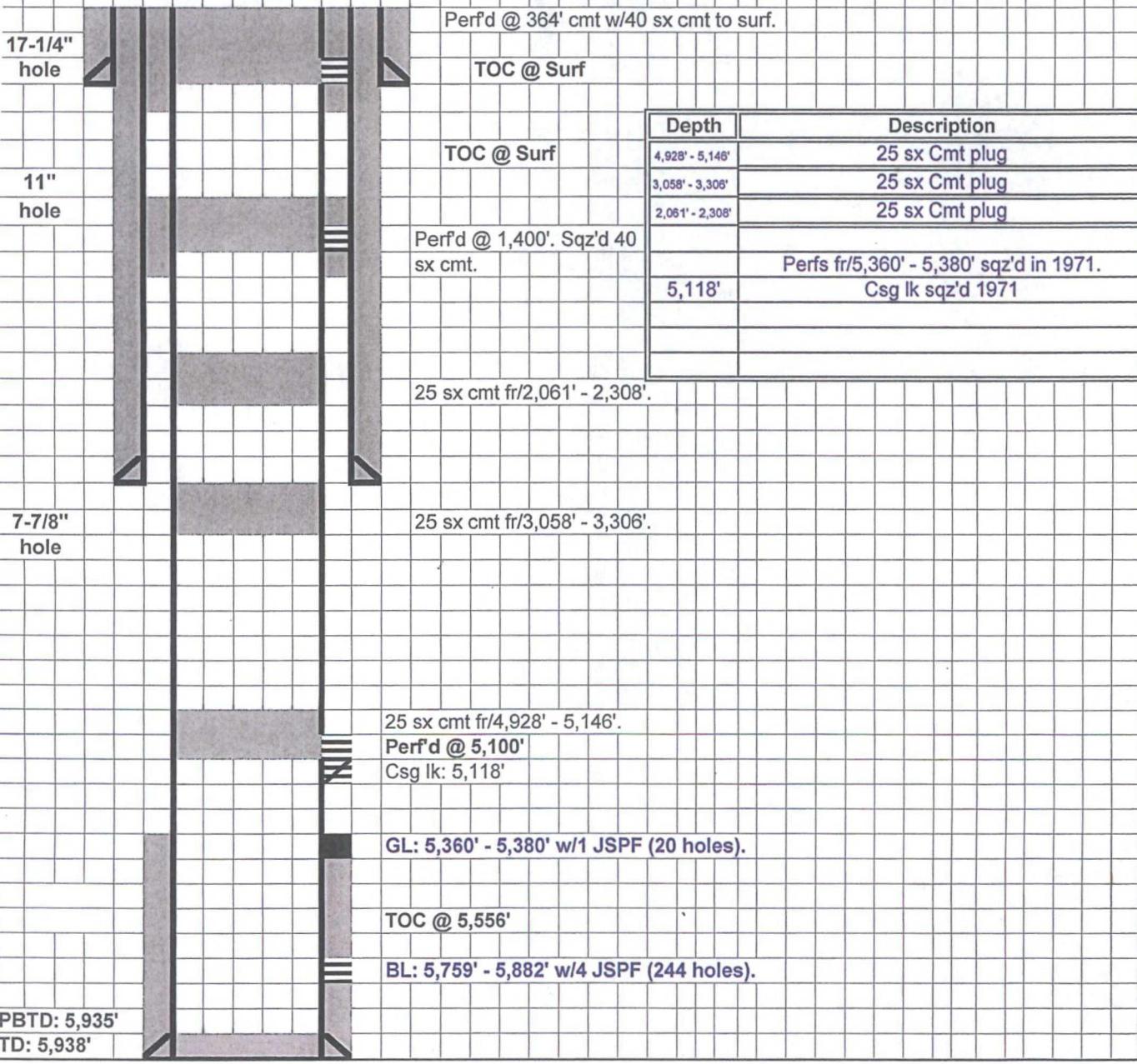
5,629' - 6,702'

12/52: 6,583' - 6,648' & 5,742' - 6,563' O.H. 06/58: 5,728' - 5,882'

Apache Corporation

Co. Rep		
Well Name	Fields	Well No. 1
Field	Drinkard	
County	Lea	
State	New Mexico	
Date	11/14/2012	
GL	3,463'	
KB corr	11'	

Casing	O.D.	Grade	Wt	Depth	TOC
Surf	13-3/8"		48#	314'	Surf
Inter	8-5/8"		32#	3,249'	Surf
Prod	5-1/2"		15.5#	5,937'	5,556'
Liner					



ITEM VII OF NEW MEXICO OCD FORM C-108
DATA ON PROPOSED OPERATIONS
EAST BLINEBRY DRINKARD UNIT

- 1) Proposed average initial injection rate is 250 bwpd.
Maximum injection rate should not exceed 500 bwpd.
- 2) The injection system will be operated as a closed system.
- 3) Proposed average initial injection pressure is 1130 psi (0.2 psi/ft).
Proposed maximum pressure will not exceed the pressure limitations ordered by the Division.
- 4) Source of water will be reinjected produced water.
- 5) Not applicable.



Affidavit of Publication

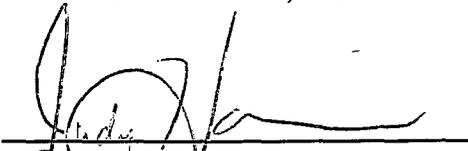
State of New Mexico,
County of Lea.

I, JUDY HANNA
PUBLISHER

of the Hobbs News-Sun, a
newspaper published at Hobbs, New
Mexico, do solemnly swear that the
clipping attached hereto was
published in the regular and entire
issue of said newspaper, and not a
supplement thereof for a period

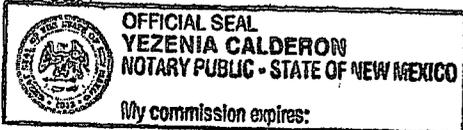
of 1 issue(s).

Beginning with the issue dated
December 05, 2012
and ending with the issue dated
December 05, 2012


PUBLISHER
Sworn and subscribed to before me
this 5th day of
December, 2012


Notary Public

My commission expires
February 28, 2016
(Seal)



This newspaper is duly qualified to
publish legal notices or
advertisements within the meaning of
Section 3, Chapter 167, Laws of
1937 and payment of fees for said
publication has been made.

LEGAL LEGAL LEGAL

LEGAL NOTICE December 5, 2012

Notice is hereby given of the application of
Apache Corporation,
303 Veterans Airpark Lane, Suite 3000, Midland, Texas 79705, to the Oil Conservation of
the State of New Mexico, and the Commissioner of Public Lands, State of New Mexico for
approval to convert the East Blinbery Drinkard Unit #55 to an injection well. Injection into
this well is designed to enhance production from the East Blinbery Drinkard Unit. The well
is in the following location in Lea County, New Mexico:

Well #	Sec-Town-Range	Unit Letter	Surface Location	Bottom Hole Location
55	13-21S- 37E	D	660' FNL & 860' FWL	660' FNL & 860' FWL

Produced water from the East Blinbery Drinkard Unit will be injected into the Blinbery -
Tubb - Drinkard pool of the North Eunice field at a depth of 5,716'. Water injection in this
well will be at an expected maximum rate of 500 barrels of water per day and an expected
maximum surface pressure of 1130 psi. For additional information, please contact Darrin
Steed, 432-818-1076, at Apache Corporation, 303 Veterans Airpark Lane, Suite 3000,
Midland, TX 79705.

Interested Parties must file objections or requests for hearing with the Oil Conservation
Division, 1220 South St Francis, Santa Fe, NM 87505, within 15 days of this notice.
#27750

67109885 00105505
APACHE CORPORATION
303 VETERANS AIRPARK LN
SUITE 3000
MIDLAND, TX 79705



December 18, 2012

N.B. Bunin Properties
Attn: Mike Krom
1496 Guadalupe Bend
Boerne, TX 78006

Re: Application for Authorization to Inject
East Blinebry Drinkard Unit ("EBDU")
EBDU #55, 660 FNL & 860' FWL
Section 13, Township 21 South, Range 37 East
Lea County, New Mexico

Dear Mr. Krom:

Enclosed you will find a copy of Apache Corporation's ("Apache") Application for Authorization to Inject. Apache is applying to convert the EBDU #55 well to an injection well. You have 15 days from receipt of this letter to file objections, if any, or request a hearing with the Oil Conservation Division, located at 1220 South Francis Dr., Santa Fe, NM 87505.

Should you have any questions concerning this matter, please do not hesitate contacting the undersigned at (432) 818-1097, or our Sr. Staff Production Engineer, Darrin Steed, at (432) 818-1076.

Sincerely,

APACHE CORPORATION

Dylan C. Park
Landman
(432) 818-1197 Fax
dylan.park@apachecorp.com

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

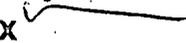
DEC 21 2012

NB Bunin Properties
 Attn: Mike Krom
 1496 Guadalupe Bend
 Boerne, TX 78006

2. Article Number
 (Transfer from service label)

7012 1640 0001 6933 3196

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 X  Agent
 Addressee

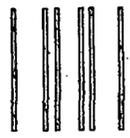
B. Received by (Printed Name) C. Date of Delivery
 Michael Krom 12-21-12

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type
 Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

UNITED STATES POSTAL SERVICE



First-Class Mail
 Postage & Fees Paid
 USPS
 Permit No. G-10

° Sender: Please print your name, address, and ZIP+4 in this box °

Apache Corporation
 Attn: Kelsey Grisham
 303 Veterans Airpark Lane
 Suite 3000
 Midland, TX 79705



Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Sunday, January 13, 2013 7:33 PM
To: 'darrin.steed@apachecorp.com'
Cc: Ezeanyim, Richard, EMNRD; Gonzales, Elidio L, EMNRD
Subject: Waterflood Expansion application from Apache Corp: East Blinebry Drinkard Unit #55
30-025-06568

Hello Darrin,
"long time no talk"!!
Glad you are back working NM. You could send me a new Outlook Contact info attachment if you want?

Thanks for the efficient application,

✓ I can't find any elogs on this old well in our system. If your well file contains any logs, would you please send copies to our Hobbs district office?

Is the surface owner Mr. ^{Yes} Dunin? found the API number.

✓ Would you send a quick wellbore diagram of how the well is equipped and perfed now, before the conversion? The well file showed the lower interval as being "tubb" and had a proposal to add lower perms... not sure if this was done.

✓ We have IPI-292 on file granting 2100 psi to all injection wells in this waterflood project, so the permit we issue in this case will likely contain that pressure number unless you have other information or think it should be limited.

Happy New Year,

William V. Jones, P.E.
505-476-3448W 505-476-3462F
Engineering Bureau, Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Jones, William V., EMNRD

From: Grisham, Kelsey <Kelsey.Grisham@apachecorp.com>
Sent: Tuesday, January 15, 2013 1:11 PM
To: Jones, William V., EMNRD
Subject: Waterflood Expansion application from Apache Corp: East Blinebry Drinkard Unit #55
30-025-06568

Mr. Jones,

I sent a copy of our only open-hole log to the Hobbs district office this morning. It should be there by tomorrow (1/16/13). Please let me know if there is any additional information needed for the application.

Thank you,

Kelsey Grisham
Apache Corporation
Engineering Tech
Direct: 432-818-1904

The Apache logo is a stylized, cursive script of the word "Apache" in a dark grey or black color.

Jones, William V., EMNRD

From: Steed, Darrin <Darrin.Steed@apachecorp.com>
Sent: Monday, January 14, 2013 4:08 PM
To: Jones, William V., EMNRD; Grisham, Kelsey
Cc: Ezeanyim, Richard, EMNRD; Gonzales, Elidio L, EMNRD
Subject: RE: Waterflood Expansion application from Apache Corp: East Blinebry Drinkard Unit # 55 30-025-06568
Attachments: Darrin Steed P E .vcf; EBDU #55 WB diagram.xlsx

Just one of a few around here that know New Mexico is "One of the Fifty".



I'll look to see what we have here as far as logs go.

Mr. Bunin is the surface owner.

Current wellbore diagram is now attached.

Didn't know if the current injection pressure would apply to a new injection well. Good to know. I just stuck with the 0.2 psig/ft.

Darrin L Steed, P.E.

Sr Staff Production Engineer

Apache Corp - Permian Region

Office - (432) 818-1076

Cell - (432) 413-8279

Fax - (432) 818-1190

From: Jones, William V., EMNRD [<mailto:William.V.Jones@state.nm.us>]
Sent: Sunday, January 13, 2013 8:33 PM
To: Steed, Darrin
Cc: Ezeanyim, Richard, EMNRD; Gonzales, Elidio L, EMNRD
Subject: Waterflood Expansion application from Apache Corp: East Blinebry Drinkard Unit #55 30-025-06568

Hello Darrin,

"long time no talk"!!

Glad you are back working NM. You could send me a new Outlook Contact info attachment if you want?

Thanks for the efficient application,

I can't find any elogs on this old well in our system. If your well file contains any logs, would you please send copies to our Hobbs district office?

Is the surface owner Mr. Bunin? I found the API number.

Would you send a quick wellbore diagram of how the well is equipped and perfed now, before the conversion? The well file showed the lower interval as being "tubb" and had a proposal to add lower perms... not sure if this was done.

We have IPI-292 on file granting 2100 psi to all injection wells in this waterflood project, so the permit we issue in this case will likely contain that pressure number unless you have other information or think it should be limited.

Happy New Year,

William V. Jones, P.E.

505-476-3448W_505-476-3462F

Engineering Bureau, Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Tuesday, January 15, 2013 1:54 PM
To: 'Grisham, Kelsey'
Cc: darrin.steed@apachecorp.com
Subject: RE: Waterflood Expansion application from Apache Corp: East Blinebry Drinkard Unit # 55 30-025-06568

Kelsey,
Would you email a signed "Administrative Application Checklist" form?
This is the first unnumbered form under "Forms" on the OCD web site.

This form should be in front of all administrative applications sent here.

I will try to get this one ready to release early next week.

Thank You,

Will Jones

From: Grisham, Kelsey [<mailto:Kelsey.Grisham@apachecorp.com>]
Sent: Tuesday, January 15, 2013 1:11 PM
To: Jones, William V., EMNRD
Subject: Waterflood Expansion application from Apache Corp: East Blinebry Drinkard Unit #55 30-025-06568

Mr. Jones,

I sent a copy of our only open-hole log to the Hobbs district office this morning. It should be there by tomorrow (1/16/13). Please let me know if there is any additional information needed for the application.

Thank you,

Kelsey Grisham
Apache Corporation
Engineering Tech
Direct: 432-818-1904

Apache

Injection Permit Checklist

in 1/7/13 (1/24/13) P. 2 R-12397 1/11/06

(12/21/12)

First Email Date: 1/13/13 Final Reply Date: 1/15/13 Final Notice Date: 1/15/13

Issued Permit: Type: WFX/PMX/SWD, Number: 904 Permit Date: 1/21/13 (Legacy Permit: R-12397)

Wells: 1 Well Name(s): EAST BLUEBRY-DRINKARD UNIT #55 7/22/05

API Num: 30-0 25-06568 Spud Date: 2/17/96 New/Old: O (UIC CI II Primacy March 7, 1982)

Footages: 660 FNL / 860 FUL Lot: Unit D Sec 13 Tsp 215 Rge 37E County LEA

General Location or Pool Area: N. BUICE; BLTB-DR 22900

Operator: APACHE CORP Contact: DARRIN STOOD

OGRID: 873 RULE 5.9 Compliance (Wells): OK (Finan Assur): OK IS 5.9 OK?: OK

Well File Reviewed: Current Status:

Planned Work to Well:

Diagrams: Before Conversion After Conversion Are Elogs in Imaging?: NO LOGS

?

Well Details:	Sizes		Setting Depths	Stage Tool	Cement Sx or Cf	Cement Top and Determination Method
	Hole.....	Pipe				
Planned ___ or Existing ___ Surface	17 1/2	13 3/8	127'	-	150SX	CIRC
Planned ___ or Existing ___ Interm	11 3/4	8 5/8	302'	-	250SX	CIRC
Planned ___ or Existing ___ LongSt	7 7/8	6 1/2	6,499 (504 TD)		800SX	2700' T.S.
Planned ___ or Existing ___ Liner						
Planned ___ or Existing ___ OpenHole						

Depths/Formations:	Depths, Ft.	Formation	Tops?
Above			
Above			
Proposed Interval TOP:	5650	BLINBY	
Proposed Interval BOTTOM:	6150'	TUBB	
Below			
Below			

Per FPF 292
2100PSE

Capitan Reef? (in thru) Potash? Noticed? W/IPP? Noticed? Salado Top Bot Cliff House?

Fresh Water: MaxDepth: FW Formation Wells? Analysis? Affirmative Statement

Disposal Fluid: Formation Source(s) RE-INJECT On Lease Only from Operator or Commercial

Disposal Interval: Protectable Waters? NO H/C Potential: Log /Mudlog /DST /Tested /Depleted Other

Notice: Newspaper Post Date 12/15/12 Surface Owner: Mincem Fee N. Date 12/21/12

RULE 26.7(A) Identified Tracts? Affected Persons: N.B. Bustin N. Date 12/21/12

AOR: Maps? Well List? Producing in Interval? yes Formerly Produced in Interval? yes

Penetrating.....No. Active Wells 26 Num Repairs? 0 on which well(s)?

Penetrating.....No. P&Aed Wells 1 Num Repairs? 0 on which well(s)? Diagrams?

Permit Conditions:

Issues:

Issues:

Issues: