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DATE IN 04/09/13	SUSPENSE	ENGINEER	LOGGED IN 04/10/13	TYPE WFX	APP NO. PPRG 1310041637
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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	<i>Darin Steed</i>	SR. STAFF PROD ENG	3/8/13
Print or Type Name	Signature	Title	Date
Darrin.Steed@Apachecorp.com			
e-mail Address			

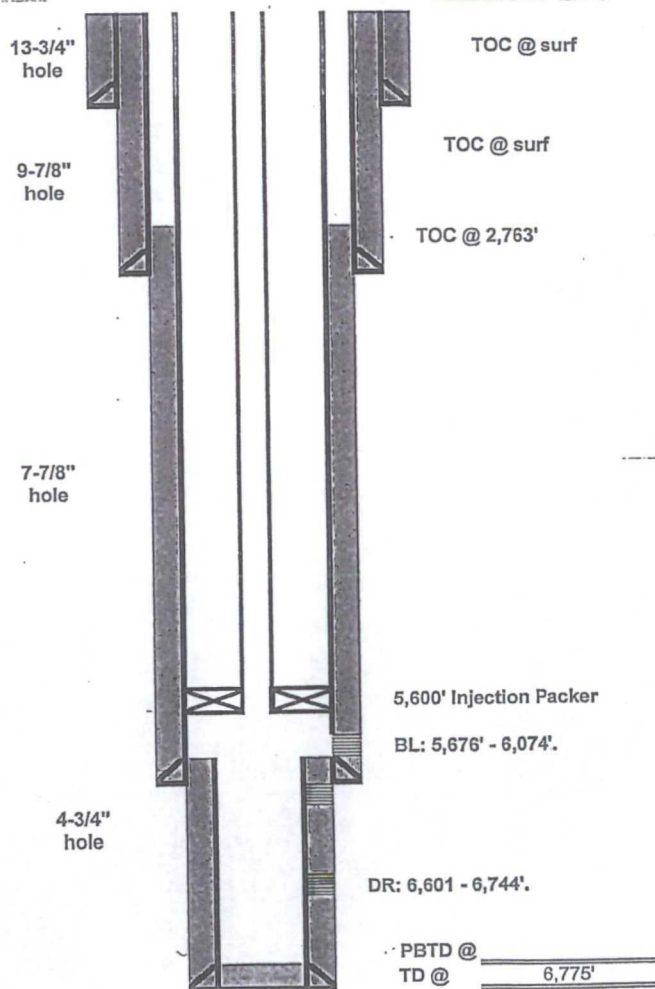
APPLICATION FOR AUTHORIZATION TO INJECT

- 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, Texas 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 Prod Eng
SIGNATURE: Darrin Steed DATE: 3/8/13
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

WELL NAME & NUMBER: East Blinebry Drinkard Unit #19

WELL LOCATION:	1,980' FNL & 330' FEL	H	11	T-21-S	R-37-E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 15" Casing Size: 10-3/4"
Cemented with: 250 sx *or* _____ ft³
Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: 9-7/8" Casing Size: 7-5/8"
Cemented with: 1,546 sx. or _____ ft³
Top of Cement: Surface Method Determined: Circulated

Production Casing

Hole Size: 6-3/4" Casing Size: 5 1/2"
Cemented with: 425 sx. *or* _____ ft³
Top of Cement: 2,763' Method Determined: Calculated
Total Depth: 6,775'

Injection Interval

5,676' feet to 6,744' (Perforated)

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

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

Type of Packer: Injection

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, Drinkard

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

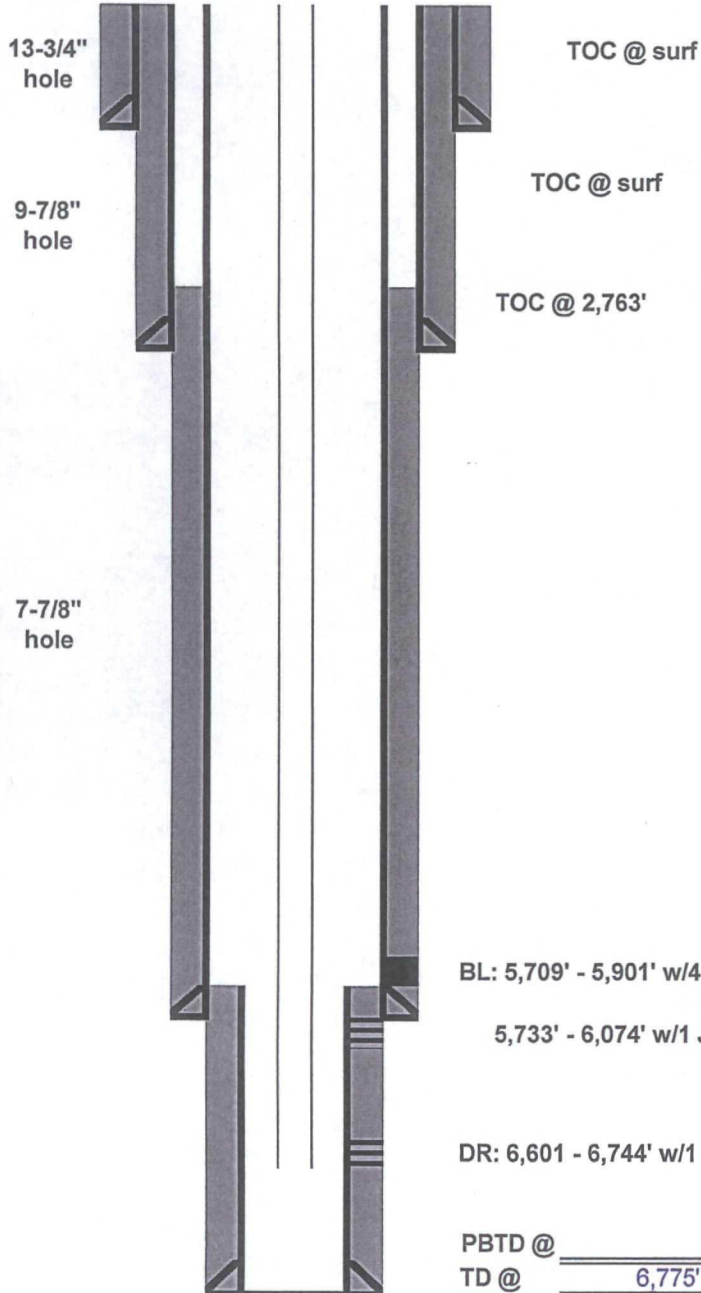
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: See C-108 Attachment

30-025-06480

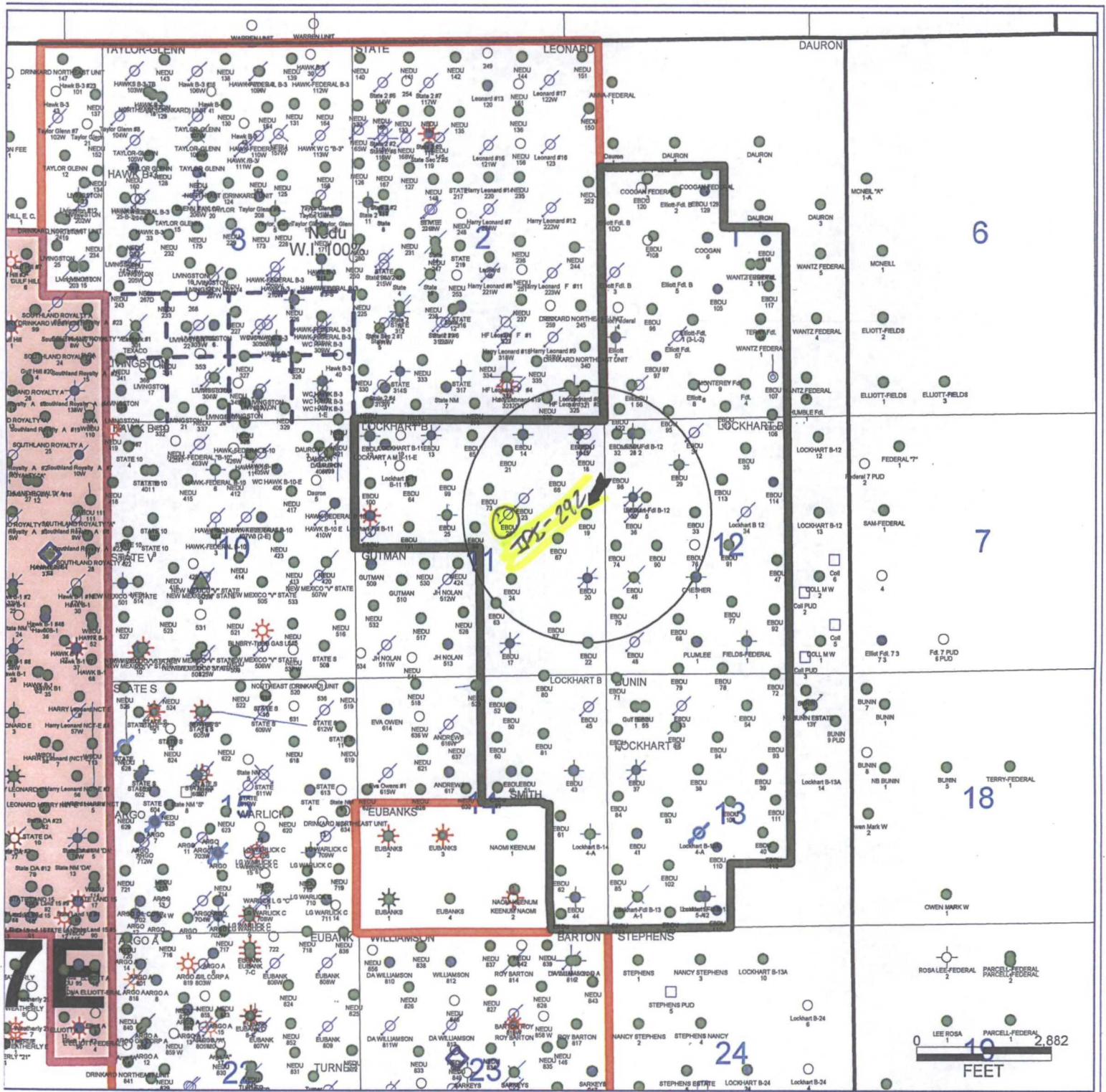
Apache Corporation	
Co. Rep	
Well Name	EBDU Well No. 19
Field	Eunice Area (EBDU)
County	Lea
State	New Mexico
Date	2/8/2013
GL	3,445'
KB corr	11'

Casing	O.D.	Grade	Wt	Depth	TOC
Surf	10-3/4"	H-40	32.75#	266'	Surf
Inter	7-5/8"	H-40	24#	2,955'	Surf
Prod	5-1/2"	J-55	15.5#	5,920'	2,763'
Liner	4"	J-55	9#	6,774'	5,918'



Depth	Description
	Drilled as the Lockhart B-11 #10
	(5,709' - 5,901') Sqz BL perfs w/100 sx class "C"
5,918'	Top of Liner

Existing





February 8, 2013

McNeill Ranch
Attn: Mr. Paige McNeill
P.O. Box 1092
Hobbs, NM 88211

Re: Application for Authorization to Inject
East Blinebry Drinkard Unit ("EBDU")
EBDU #19, 1980' FNL & 330' FEL
Section 11, Township 21 South, Range 37 East
Lea County, New Mexico

Dear Mr. McNeill:

Enclosed you will find a copy of Apache Corporation's ("Apache") Application for Authorization to Inject. Apache is applying to convert the EBDU #19 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
dylan.park@apachecorp.com

INJECTION WELL DATA SHEET

OPERATOR: Apache CorporationWELL NAME & NUMBER: East Blinebry Drinkard Unit #22*Formerly
(Lockhart B-11)
well #13*WELL LOCATION: 660' FSL & 330' FEL
FOOTAGE LOCATIONUNIT LETTER PSECTION 11TOWNSHIP T-21-SRANGE R-37-EWELLBORE SCHEMATICWELL CONSTRUCTION DATASurface CasingHole Size: 12-1/4" Casing Size: 8-5/8"Cemented with: 750 SX. or _____ ft³Top of Cement: Surface Method Determined: CirculatedIntermediate Casing

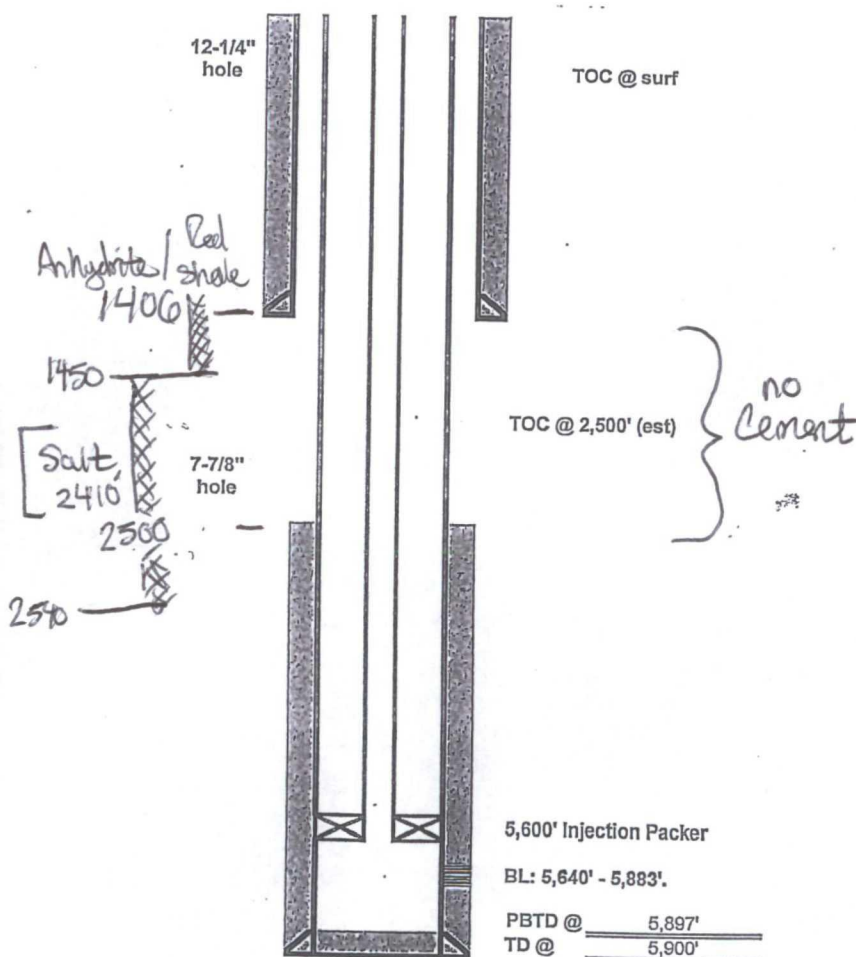
Hole Size: _____ Casing Size: _____

Cemented with: _____ SX. or _____ ft³

Top of Cement: _____ Method Determined: _____

Production CasingHole Size: 7-7/8" Casing Size: 5-1/2"Cemented with: 3,200 SX. or _____ ft³Top of Cement: Surface Method Determined: CalculatedTotal Depth: 5,900'Injection Interval5,640' feet to 5,883' (Perforated)

(Perforated or Open Hole; indicate which)



INJECTION WELL DATA SHEET

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

Type of Packer: Injection

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

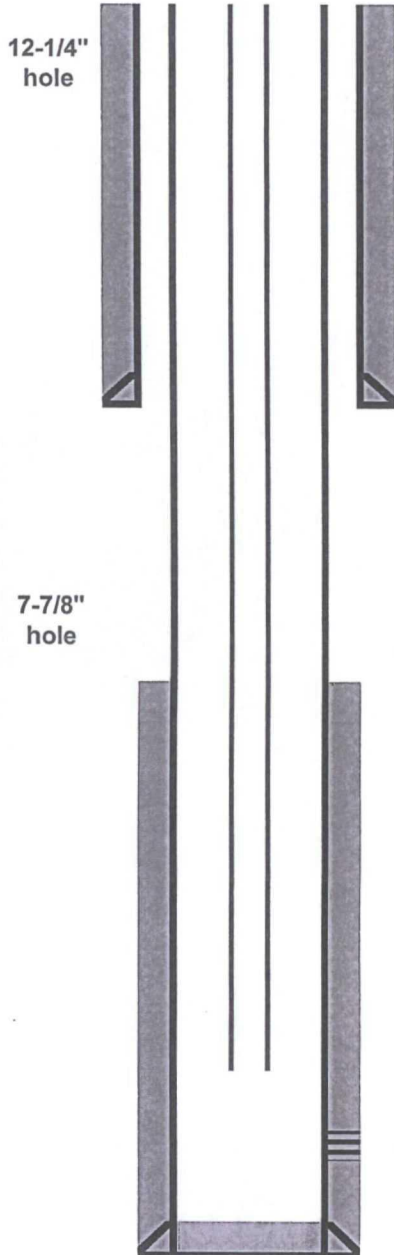
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. None

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: See C-108 Attachment

30-025-06528

Apache Corporation	
Co. Rep	Kelsey Grisham
Well Name	EBDU Well No. 22
Field	Eunice Area (EBDU)
County	Lea
State	New Mexico
Date	2/28/2013
GL	3,429'
KB corr	10'

Casing	O.D.	Grade	Wt	Depth	TOC
Surf	8-5/8"	J-55	24#	1,400'	Surf
Inter					
Prod	5-1/2"	J-55	14# &15.5#	5,899'	2,500'
Liner					



TOC @ surf

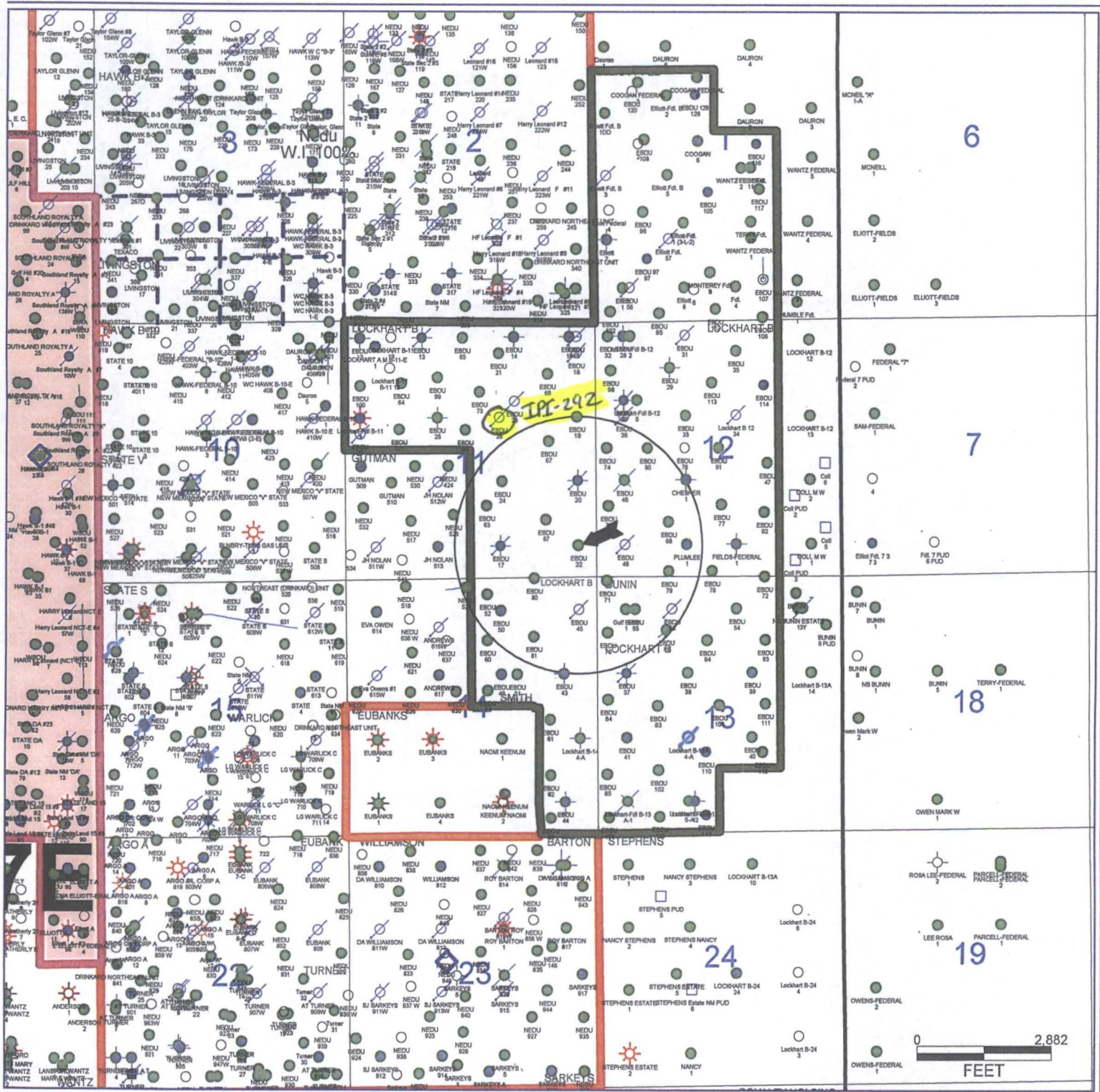
Depth	Description
	Drilled as the Lockhart B-11 #13

TOC @ 2,500' (est)

Existing

BL: 5,704' - 5,883' w/4 JSPF (532 holes).

PBTD @ 5,897'
TD @ 5,900'





February 8, 2013

Mr. James A. Bryant
8204 Indigo Court NE
Albuquerque, NM 87122

Re: Application for Authorization to Inject
East Blinbry Drinkard Unit ("EBDU")
EBDU #22, 660' FSL & 330' FEL
Section 11, Township 21 South, Range 37 East
Lea County, New Mexico

Dear Mr. Bryant:

Enclosed you will find a copy of Apache Corporation's ("Apache") Application for Authorization to Inject. Apache is applying to convert the EBDU #22 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,

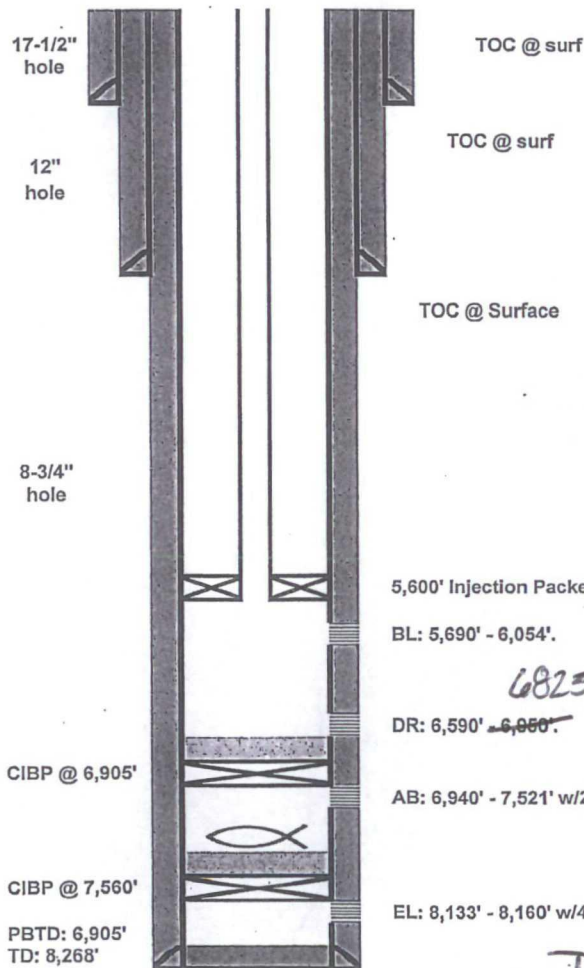
APACHE CORPORATION

Dylan C. Park
Landman
dylan.park@apachecorp.com

INJECTION WELL DATA SHEET

OPERATOR: Apache CorporationWELL NAME & NUMBER: East Blinebry Drinkard Unit #28

WELL LOCATION: 330' FNL & 660' FWL D 12 T-21-S R-37-E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATICWELL CONSTRUCTION DATASurface Casing

Hole Size: 17-1/2" Casing Size: 13"
 Cemented with: 250 SX or ft³
 Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: 12" Casing Size: 9-5/8"
 Cemented with: 167 SX or ft³
 Top of Cement: Surface Method Determined: Circulated

Production Casing

Hole Size: 8-3/4" Casing Size: 7"
 Cemented with: 940 SX or ft³
 Top of Cement: Surface Method Determined: Circulated
 Total Depth: 8,268'

Injection Interval

5,690' feet to 6,950' (Perforated)

Permitted: 5690 to

(Perforated or Open Hole; indicate which)

6825 - 6950 in ABO

INJECTION WELL DATA SHEET

Tubing Size: 2-3/8" Lining Material: Coated

Type of Packer: Injection

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: Blinbry, Drinkard

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

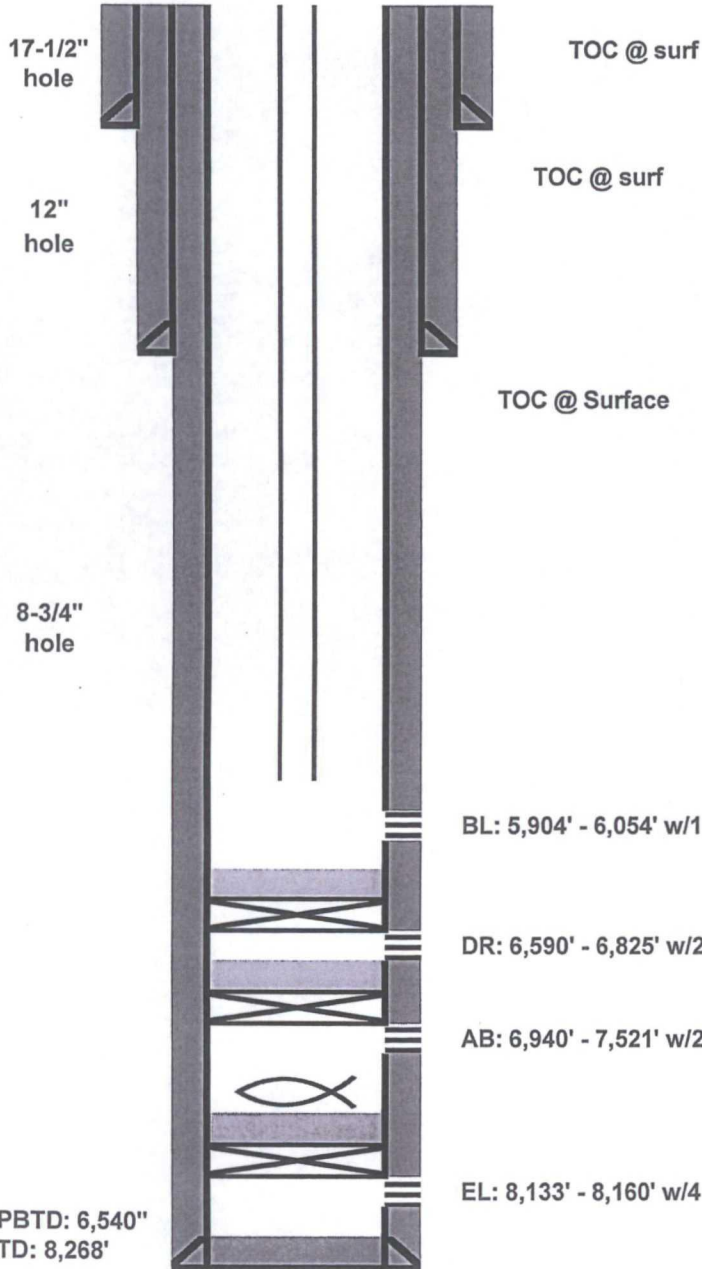
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. Abo, Ellenburger.
Both are isolated by CIBP's w/cmt caps.

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: See C-108 Attachment

30-025-0653B

Apache Corporation	
Co. Rep	
Well Name	EBDU Well No. 28
Field	Eunice Area (EBDU)
County	Lea
State	New Mexico
Date	2/28/2013
GL	3,472'
KB corr	11'

Casing	O.D.	Grade	Wt	Depth	TOC
Surf	13"		50#	275'	Surf
Inter	9-5/8"	J-55	36#	3,149'	Surf
Prod	7"	J-55	23#	8,268'	Surf
Liner					



Depth	Description
	Drilled as Lockhart B-12 #1
6,550'	CIBP w/10' cmt
6,905'	CIBP w/12' cmt
7,061'	Fish #2: 6 jts tbg & pkr
7,398'	Fish #1: 5 jts tbg & pkr
7,560'	CIBP w/12' cmt.

Existing

PBTD: 6,540"
TD: 8,268'

BL: 5,904' - 6,054' w/1 JSPF (8 holes).

DR: 6,590' - 6,825' w/2 JSPF (90 holes).

AB: 6,940' - 7,521' w/2 JSPF (298 holes).

EL: 8,133' - 8,160' w/4 JSPF (308 holes).



February 8, 2013

McNeill Ranch
Attn: Mr. Paige McNeill
P.O. Box 1092
Hobbs, NM 88211

Re: Application for Authorization to Inject
East Blinebry Drinkard Unit ("EBDU")
EBDU #28, 330' FNL & 660' FWL
Section 12, Township 21 South, Range 37 East
Lea County, New Mexico

Dear Mr. McNeill:

Enclosed you will find a copy of Apache Corporation's ("Apache") Application for Authorization to Inject. Apache is applying to convert the EBDU #28 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
dylan.park@apachecorp.com

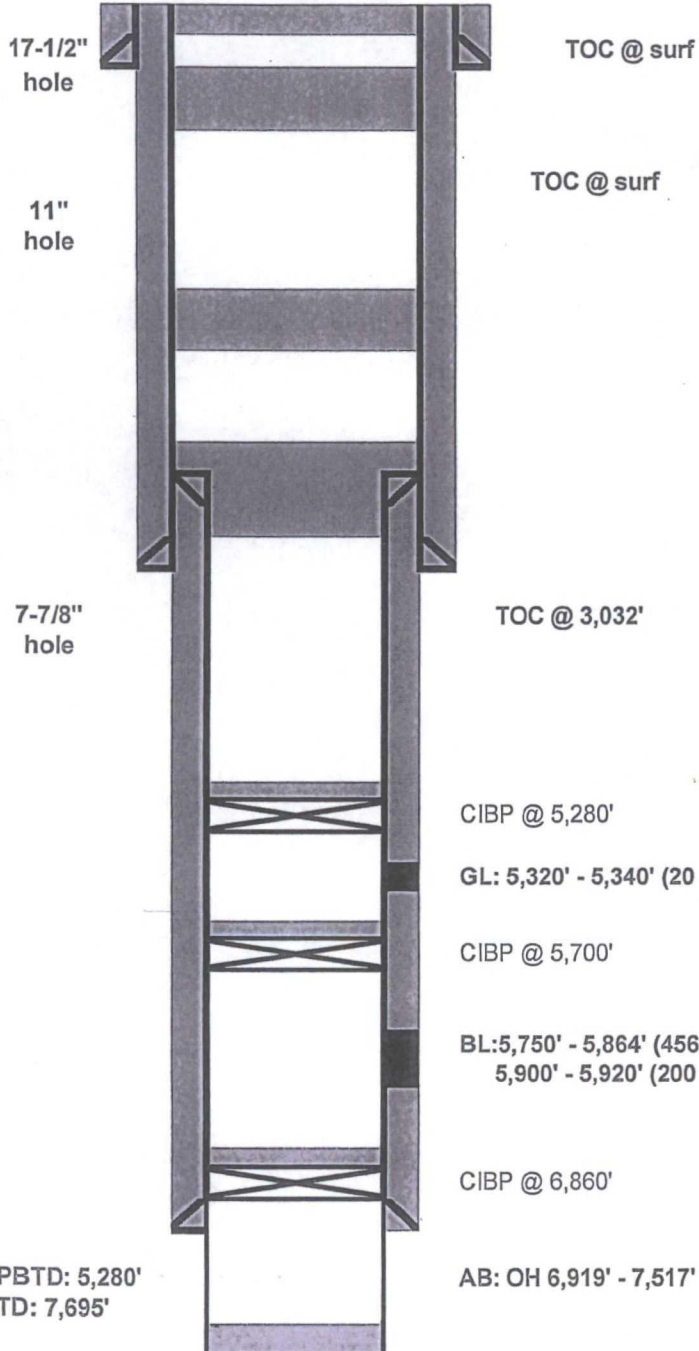
OPERATOR	LEASE NAME	WELL #	LOCATION	FOOTAGE	TYPE	API	SPUD DATE	TD	CONSTRUCTION	TOP OF CEMENT	COMPLETIONS & COMMENTS
he Corporation	East Blinbery Drinkard Unit	122	Unit M, Sec 1, T-21-S, R-37-E	225' FSL & 330' FWL	OIL	3002539848	09/2010	7,204'	8-5/8" @ 1,495' CMT w/750 sx; 5-1/2" @ 7,204' CMT w/1,460 sx	78'	10/10: 5,769' - 6,439'
he Corporation	East Blinbery Drinkard Unit	1	Unit M, Sec 1, T-21-S, R-37-E	660' FSL & 660' FWL	OIL	3002506329	09/1951	8,370'	13-3/8" @ 238' CMT w/250 sx; 8-5/8" @ 3,150' CMT w/1,380 sx; 5-1/2" @ 8,333' CMT w/738 sx		11/51: 8,005' - 8,268'
he Corporation	East Blinbery Drinkard Unit	4	Unit O, Sec 1, T-21-S, R-37-E	660' FSL & 2,310' FEL	OIL	3002506327	10/1954	5,997'	8-5/8" @ 3,016' CMT w/1,300 sx; 5-1/2" @ 5,900' CMT w/450 sx	3,623'	6/52 PB 7263, 7088-7213
he Corporation	East Blinbery Drinkard Unit	57	Unit K, Sec 1, T-21-S, R-37-E	1,650' FSL & 1,650' FWL	OIL	3002529051	12/1984	7,500'	8-5/8" @ 1,498' CMT w/730 sx; 5-1/2" @ 7,500' CMT w/1,460 sx		11/54: 5,900' - 5,997' O.H.
he Corporation	East Blinbery Drinkard Unit	7	Unit T, Sec 1, T-21-S, R-37-E	1,650' FSL & 330' FWL	OIL	3002506332	12/1951	8,613'	13-3/8" @ 240' CMT w/225 sx; 8-5/8" @ 3,157' CMT w/1,750 sx; 5-1/2" @ 7,370' CMT w/375 sx	5,639'	02/85: 7,041' - 7,462'
he Corporation	East Blinbery Drinkard Unit	56	Unit M, Sec 1, T-21-S, R-37-E	660' FSL & 810' FWL	OIL	3002506334	09/1952	5,987'	10-3/4" @ 232' CMT w/250 sx; 7" @ 3,152' CMT w/1,400 sx; 5-1/2" @ 5,810' CMT w/350 sx; 4" fr/5,600' - 7,500' w/147 sx	4,194'	03/52: 5,840' - 5,970'
he Corporation	East Blinbery Drinkard Unit	8	Unit V, Sec 1, T-21-S, R-37-E	660' FSL & 1,980' FWL	OIL	3002506335	12/1953	6,015'	10-3/4" @ 232' CMT w/250 sx; 7-5/8" @ 3,166' CMT w/450 sx; 5-1/2" @ 5,851' CMT w/350 sx	4,235'	02/02: 7,058' - 7,330' w/CIBP @ 700'
he Corporation	East Blinbery Drinkard Unit	9	Unit V, Sec 1, T-21-S, R-37-E	990' FSL & 2,480' FWL	OIL	3002534937	08/2000	7,759'	8-5/8" @ 1,800' CMT w/519 sx; 5-1/2" @ 7,750' CMT w/1,400 sx	1,288'	10/52: 5,810' - 5,987' O.H.
											04/85: 6,964' - 7,426'
											01/54: 5,851' - 6,015' O.H.
											7,064' - 7,663' sqz
											6,930' - 43' BP @ 6,840'
											6,742' - 6,756' BP @ 6,300'
											09/00: 5,895' - 6,014'
he Corporation	East Blinbery Drinkard Unit	95	Unit N, Sec 1, T-21-S, R-37-E	165' FSL & 1,380' FWL	OIL	3002539676	03/2010	7,202'	8-5/8" @ 1,525' CMT w/950 sx; 5-1/2" @ 7,202' CMT w/1,125 sx	85'	07/10: 5,805' - 6,893'
he Corporation	East Blinbery Drinkard Unit	96	Unit L, Sec 1, T-21-S, R-37-E	2,250' FSL & 1,060' FWL	OIL	3002539677	06/2010	7,210'	8-5/8" @ 1,515' CMT w/765 sx; 5-1/2" @ 7,210' CMT w/1,125 sx	surf	07/10: 5,927' - 6,886'
he Corporation	East Blinbery Drinkard Unit	97	Unit M, Sec 1, T-21-S, R-37-E	1,290' FSL & 1,135' FWL	OIL	3002540263	11/2011	7,200'	8-5/8" @ 1,540' CMT w/800 sx; 5-1/2" @ 7,200' CMT w/1,050 sx	surf	12/11: 5,859' - 6,914'
he Corporation	East Blinbery Drinkard Unit	112	Unit N, Sec 1, T-21-S, R-37-E	250' FSL & 2,830' FWL	OIL	3002539845	09/2010	7,202'	8-5/8" @ 1,537' CMT w/700 sx; 5-1/2" @ 7,202' CMT w/1,100 sx	surf	10/10: 5,809' - 6,904'
he Corporation	East Blinbery Drinkard Unit	14	Unit B, Sec 11, T-21-S, R-37-E	330' FNL & 1,650' FEL	OIL	3002506482	03/1952	7,831'	10-3/4" @ 255' CMT w/250 sx; 7-5/8" @ 3,149' CMT w/1,000 sx; 5-1/2" @ 7,830' CMT w/560 sx	5,242'	05/52: 7,712' - 7,816'
he Corporation	East Blinbery Drinkard Unit	15	Unit A, Sec 11, T-21-S, R-37-E	330' FNL & 330' FEL	OIL	3002506527	07/1952	8,085'	13-3/8" @ 248' CMT w/260 sx; 9-5/8" @ 3,136' CMT w/1,615 sx; 7" @ 8,064' CMT w/800 sx	3,808'	10/66: 6,561' - 6,737' CIBP @ 6,800'
he Corporation	East Blinbery Drinkard Unit	16	Unit A, Sec 11, T-21-S, R-37-E	330' FNL & 480' FEL	OIL	3002506526	10/1952	8,042'	13-3/8" @ 248' CMT w/250 sx; 9-5/8" @ 3,152' CMT w/1,100 sx; 7" @ 8,041' CMT w/900 sx	3,253'	09/52: 7,835' - 7,878'
											01/87: 6,595' - 6,765' CIBP @ 6,850'
											05/84: 6,812' - 7,379'
											05/64: 6,889' - 6,115'
he Corporation	East Blinbery Drinkard Unit	17	Unit O, Sec 11, T-21-S, R-37-E	330' FSL & 1,980' FEL	OIL	3002506478	06/1953	7,577'	13-3/8" @ 268' CMT w/250 sx; 9-5/8" @ 2,998' CMT w/2,100 sx; 7" @ 7,578' CMT w/961 sx	2,463'	09/59: 6,560' - 6,650'
he Corporation	East Blinbery Drinkard Unit	18	Unit A, Sec 11, T-21-S, R-37-E	660' FNL & 330' FEL	OIL	3002506479	03/1954	5,880'	10-3/4" @ 275' CMT w/250 sx; 7-3/4" @ 3,149' CMT w/940 sx; 5-1/2" @ 5,879' CMT w/415 sx	3,963'	09/53: 6,604' - 5,728'
he Corporation	East Blinbery Drinkard Unit	19	Unit H, Sec 11, T-21-S, R-37-E	1,980' FNL & 330' FEL	OIL	3002506480	04/1956	5,925'	10-3/4" @ 266' CMT w/250 sx; 7-5/8" @ 2,955' CMT w/1,546 sx; 5-1/2" @ 5,920' CMT w/425 sx; 4" fr/5,893' - 6,744'	3,958'	04/54: 5,759' - 5,852'
he Corporation	East Blinbery Drinkard Unit	20	Unit I, Sec 11, T-21-S, R-37-E	1,980' FSL & 330' FEL	OIL	3002506481	03/1956	5,902'	10-3/4" @ 265' CMT w/300 sx; 7-5/8" @ 2,953' CMT w/700 sx; 5-1/2" @ 5,902' CMT w/300 sx; 4" fr/5,875' - 6,780'	4,517'	05/58: 5,709' - 5,901'
he Corporation	East Blinbery Drinkard Unit	21	Unit B, Sec 11, T-21-S, R-37-E	660' FNL & 1,980' FEL	OIL	3002506523	04/1956	5,932'	8-5/8" @ 1,396' CMT w/700 sx; 5-1/2" @ 5,931' CMT w/2,426 sx	surf	01/65: 6,601' - 6,744'
he Corporation	East Blinbery Drinkard Unit	22	Unit P, Sec 11, T-21-S, R-37-E	660' FSL & 330' FEL	OIL	3002506528	06/1956	5,900'	8-5/8" @ 1,400' CMT w/750 sx; 5-1/2" @ 5,899' CMT w/3,200 sx	surf	05/65: 6,523' - 6,703'
he Corporation	East Blinbery Drinkard Unit	23	Unit G, Sec 11, T-21-S, R-37-E	1,650' FNL & 1,650' FEL	OIL	3002506529	05/1957	5,925'	10-3/4" @ 275' CMT w/250 sx; 7-5/8" @ 3,124' CMT w/260 sx; 5-1/2" @ 5,924' CMT w/400 sx	4,078'	05/58: 5,720' - 5,919'
he Corporation	East Blinbery Drinkard Unit	24	Unit J, Sec 11, T-21-S, R-37-E	1,980' FSL & 1,980' FEL	OIL	3002506530	01/1960	6,760'	13-3/8" @ 307' CMT w/260 sx; 9-5/8" @ 2,995' CMT w/1,160 sx; 7" @ 6,750' CMT w/475 sx	4,223'	07/57: 5,724' - 5,894'
he Corporation	East Blinbery Drinkard Unit	26	Unit G, Sec 11, T-21-S, R-37-E	1,980' FNL & 1,980' FEL	OIL	3002506536	04/1962	7,500'	13-3/8" @ 368' CMT w/300 sx; 9-5/8" @ 3,094' CMT w/450 sx; 7" @ 7,499' CMT w/650 sx	4,041'	03/60: 6,589' - 6,665' & 5,752' - 5,856'
he Corporation	East Blinbery Drinkard Unit	63	Unit J, Sec 11, T-21-S, R-37-E	1,485' FSL & 2,310' FEL	OIL	3002539234	05/2007	6,968'	8-5/8" @ 1,321' CMT w/600 sx; 5-1/2" @ 6,968' CMT w/1,050 sx	70'	05/62: 6,790' - 7,412' & 6,582' - 6,708'
he Corporation	East Blinbery Drinkard Unit	66	Unit A, Sec 11, T-21-S, R-37-E	1,060' FNL & 1,060' FEL	OIL	3002538761	04/2008	7,000'	8-5/8" @ 1,413' CMT w/680 sx; 5-1/2" @ 7,000' CMT w/1,300 sx	125'	06/07: 5,640' - 6,688'
he Corporation	East Blinbery Drinkard Unit	67	Unit H, Sec 11, T-21-S, R-37-E	2,450' FNL & 990' FEL	OIL	3002538771	04/2008	6,960'	8-5/8" @ 1,365' CMT w/680 sx; 5-1/2" @ 6,960' CMT w/1,550 sx	1,013'	06/08: 5,690' - 6,762'
he Corporation	East Blinbery Drinkard Unit	73	Unit G, Sec 11, T-21-S, R-37-E	1,440' FNL & 2,450' FEL	OIL	3002539380	09/2009	6,978'	8-5/8" @ 1,430' CMT w/650 sx; 5-1/2" @ 6,978' CMT w/1,150 sx	1,013'	05/08: 5,628' - 6,722'
he Corporation	East Blinbery Drinkard Unit	87	Unit P, Sec 11, T-21-S, R-37-E	1,185' FSL & 1,060' FEL	OIL	3002539405	08/2009	6,950'	8-5/8" @ 1,390' CMT w/650 sx; 5-1/2" @ 6,950' CMT w/1,000 sx	surf	10/09: 5,634' - 6,745'
he Corporation	East Blinbery Drinkard Unit	86	Unit F, Sec 11, T-21-S, R-37-E	2,230' FNL & 2,573' FWL	OIL	3002539644	06/2010	7,112'	8-5/8" @ 1,370' CMT w/750 sx; 5-1/2" @ 7,112' CMT w/1,400 sx	340'	09/09: 5,849' - 6,734'
											08/10: 5,654' - 6,684'
he Corporation	East Blinbery Drinkard Unit	31	Unit C, Sec 12, T-21-S, R-37-E	330' FNL & 1,980' FWL	OIL	3002506541	01/1954	6,030'	10-3/4" @ 242' CMT w/250 sx; 7-5/8" @ 3,149' CMT w/1,570 sx; 5-1/2" @ 6,030' CMT w/485 sx	3,791'	03/54: 5,796' - 5,840'
he Corporation	East Blinbery Drinkard Unit	35	Unit B, Sec 12, T-21-S, R-37-E	660' FNL & 2,310' FEL	OIL	3002506545	01/1956	6,050'	10-3/4" @ 275' CMT w/300 sx; 7-5/8" @ 3,115' CMT w/1,150 sx; 5-1/2" @ 6,048' CMT w/478 sx	3,842'	01/83: 5,796' - 5,996'
he Corporation	East Blinbery Drinkard Unit	113	Unit C, Sec 12, T-21-S, R-37-E	1,275' FNL & 2,500' FWL	OIL	3002539393	09/2009	7,010'	8-5/8" @ 1,516' CMT w/700 sx; 5-1/2" @ 7,010' CMT w/1,275 sx	140'	01/56: 5,804' - 5,984'
he Corporation	East Blinbery Drinkard Unit	30	Unit E, Sec 12, T-21-S, R-37-E	1,650' FNL & 660' FWL	OIL	3002506539	04/1953	8,202'	10-3/4" @ 255' CMT w/250 sx; 7-5/8" @ 3,160' CMT w/1,100 sx; 5-1/2" @ 8,201' CMT w/450 sx	3,691'	05/78: 5,881' - 5,981'
											07/63: 6,050' - 6,150'
											09/64: 6,601' - 6,747'
											02/00: BP @ 5,960' - 5,740' - 5,952'
he Corporation	East Blinbery Drinkard Unit	32	Unit D, Sec 12, T-21-S, R-37-E	330' FNL & 330' FWL	OIL	3002506542	04/1954	5,900'	10-3/4" @ 263' CMT w/250 sx; 7-5/8" @ 3,149' CMT w/1,255 sx; 5-1/2" @ 5,897' CMT w/362 sx	4,226'	05/54: 5,780' - 5,881'
he Corporation	East Blinbery Drinkard Unit	33	Unit F, Sec 12, T-21-S, R-37-E	1,980' FNL & 1,980' FWL	OIL	3002506543	08/1954	5,923'	10-3/4" @ 247' CMT w/250 sx; 7-5/8" @ 3,148' CMT w/914 sx; 5-1/2" @ 5,922' CMT w/520 sx	3,522'	09/54: 5,783' - 5,884'
he Corporation	East Blinbery Drinkard Unit	36	Unit E, Sec 12, T-21-S, R-37-E	1,980' FNL & 660' FWL	OIL	3002506546	02/1956	5,985'	10-3/4" @ 260' CMT w/300 sx; 7-5/8" @ 3,152' CMT w/900 sx; 5-1/2" @ 5,964' CMT w/400 sx	4,118'	03/56: 5,712' - 5,908'
he Corporation	East Blinbery Drinkard Unit	46	Unit L, Sec 12, T-21-S, R-37-E	1,980' FSL & 660' FWL	OIL	3002506552	10/1955	5,950'	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'	11/55: 5,870' - 5,900'
											08/70: 5,724' - 5,918'
											02/82: 5,631' - 5,918'
he Corporation	Chesher	1	Unit K, Sec 12, T-21-S, R-37-E	1,980' FSL & 1,980' FWL	OIL	3002506549	12/1951	7,695'	13-3/8" @ 220' CMT w/250 sx; 8-5/8" @ 3,256' CMT w/2,100 sx; 5-1/2" @ 6,919' CMT w/750 sx	3,457'	02/52: 6,919' - 7,516' O.H.
											11/54: 5,750' - 5,864' Sqzd - 5,940' Sqzd
											12/71: 5,320' - 5,340' Sqzd
											02/89: 6,919' - 7,516' O.H.
											04/02: P&A
he Corporation	East Blinbery Drinkard Unit	48	Unit M, Sec 12, T-21-S, R-37-E	660' FSL & 660' FWL	OIL	3002506550	03/1956	5,920'	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'	04/58: 5,720' - 5,815'
he Corporation	Piumlee	1	Unit N, Sec 12, T-21-S, R-37-E	660' FSL & 1,980' FWL	OIL	3002506554	03/1952	7,674'	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'	05/62: 6,950' - 7,510'
											02/55: CIBP @ 6,750' Sqzd 200 sx thru holes
											@ 6,150' (TOC @ 5,300' - 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'
he Corporation	Lockhart B 12	5	Unit E, Sec 12, T-21-S, R-37-E	1,650' FNL & 941' FWL	OIL	3002506540	03/1953	8,033'	10-3/4" @ 264' CMT w/250 sx; 7-5/8" @ 3,135' CMT w/1,380 sx; 5-1/2" @ 8,032' CMT w/467 sx	3,550'	11/86: Sqzd 6,575' - 6,837' & CO to O.H.
he Corporation	Lockhart B 12	2	Unit D, Sec 12, T-21-S, R-37-E	330' FNL & 810' FWL	TA	3002506547	03/1952	8,149'	13-3/8" @ 260' CMT w/260 sx; 9-5/8" @ 3,139' CMT w/1,200 sx; 7" @ 8,148' CMT w/1,200 sx	1,764'	7,618' - 7,994'
he Corporation	East Blinbery Drinkard Unit	28	Unit D, Sec 12, T-21-S, R-37-E	330' FNL & 660' FWL	OIL	3002506538	04/1952	8,268'	13" @ 275' CMT w/250 sx; 9-5/8" @ 3,149' CMT w/1,518 sx; 7" @ 8,268' CMT w/940 sx	6,905'	7,770' - 8,090'

2/14/2013

Apache Corporation

Co. Rep
Well Name Chesher Well No. 1
Field Eunice Area
County Lea
State New Mexico
Date 3/5/2013
GL 3,465'
KB corr 11'

Casing	O.D.	Grade	Wt	Depth	TOC
Surf	13-3/8"		48#	220'	Surf
Inter	8-5/8"	J-55	32#	3,256'	Surf
Prod					
Liner	5-1/2"	J-55	15.5#	5,395'	3,022'



Depth	Description
60'	Cmt plug w/50 sx cmt
270'	Cmt plug w/75 sx cmt
1,450'	Cmt plug w/75 sx cmt
3,330'	Cmt plug w/250 sx cmt
5,280'	CIBP capped w/35' cmt
5,320'-5,340'	Glorieta perms sqz'd w/200 sx cmt
5,700'	CIBP capped w/35' cmt
5,750'-5,950'	Blinbry perms sqz'd w/400 sx cmt
6,860'	CIBP capped w/35' cmt

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 2100 psi.
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
March 05, 2013

and ending with the issue dated
March 05, 2013

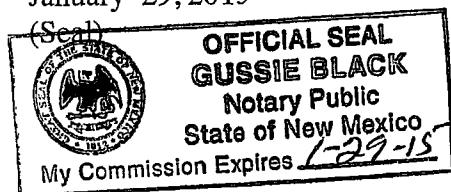

PUBLISHER

Sworn and subscribed to before me
this 5th day of
March, 2013



Notary Public

My commission expires
January 29, 2015



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 NOTICE March 5, 2013

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 Blinberry Drinkard Unit #19, 22, 28, as injection wells.
Injection into these wells is designed to enhance production from the East Blinberry
Drinkard Unit. These wells are in the following locations in Lea County, New Mexico:

Well #	Sec-Town-Range	Unit Letter	Surface Location	Bottom Hole Location
19	11-21S-37E	H	1980' FNL & 330' FEL	1980' FNL & 330' FEL
22	11-21S-37E	P	660' FSL & 330' FEL	660' FSL & 330' FEL
28	12-21S-37E	D	330' FNL & 660' FWL	330' FNL & 660' FWL

Produced water from the East Blinberry Drinkard Unit will be injected into the
Blinberry - Tubbs - Drinkard pool of the North Eunice field. Water injection in each well will
be at an expected maximum rate of 500 barrels of water per day and an expected
maximum surface pressure of 2400 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.
#27976

67110201

00110456

KELSEY GRISHAM
APACHE CORPORATION
303 VETERANS AIRPARK LN SUITE 3000
MIDLAND, TX 79705

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:

McNeil Ranch
Attn: Paige McNeil
P.O. Box 1092
Hobbs, NM 88211

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Paige McNeil* ☐ Agent ☐ Addressee

B. Received by (Printed Name)

LISA Jo McNeil

C. Date of Delivery

3-6-13

- 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

2. Article Number:

(Transfer from service label)

7012 2920 0001 7826 0315

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

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



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:

James A. Bryant
8204 Indigo Court NE
Albuquerque, NM 87122

COMPLETE THIS SECTION ON DELIVERY

A. Signature

James A. Bryant

☐ Agent☒ Addressee

B. Received by (Printed Name)

J. Bryant

C. Date of Delivery

3/6/12

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

3. Service Type

☒ Certified Mail☐ Express Mail☐ Registered☐ Return Receipt for Merchandise☐ Insured Mail☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

2. Article Number

(Transfer from service label)

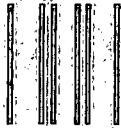
7012 2920 0001 7826 0322

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

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 •

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

Injection Permit Checklist: Received 4/10/13 First Email Date: _____ Final Reply Date: _____ Suspended?: _____

Issued Permit: Type WFX / PMX / SWD Number: 909 Permit Date: 05/14/13 Legacy Permits or Orders: R-12394 WFX-904 IPI-292 B-11 #10

Well No: #19 Well Name(s): East Bluebry-Drinkard Unit (EBDU) Formerly Lockhart

API: 30-025-06480 Spud Date: 04/04/1936 New/Old: Old (UIC CMT Primacy March 7, 1982)

Footages 1980 FNL / 330 FE Lot H Unit 11 Sec 21S Rge 37E County Lea

General Location: ~ 4 miles NE of Eunice Pool: Bluebry/Drinkard Pool No.: 6660/19190

Operator: Apache Corporation OGRID: 873 Contact: Darin Steed

COMPLIANCE RULE 5.9: Inactive Wells: 3 Total Wells: 2764 Fincl Assur: OK Compl. Order? No IS 5.9 OK? Yes

Well File Reviewed: ✓ Current Status: producer with declining oil production

Planned Rehab Work to Well: Minimal - use existing perfs - Set packer

Well Diagrams: Proposed _____ Before Conversion ✓ After Conversion _____ Are Elogs in Imaging?: Yes

Well Construction Details:	Sizes (in) Borehole / Pipe	Setting Depths (ft)	Stage Tool	Cement Sx or Cf	Cement Top and Determination Method
Planned ___ or Existing <u>Cond</u>	—	—	—	—	—
Planned ___ or Existing <u>Surface</u>	<u>13 3/4 / 10 3/4</u>	<u>0-266'</u>	<u>NA</u>	<u>250</u>	<u>Circ. to surf</u>
Planned ___ or Existing <u>Interm</u>	<u>9 7/8 / 7 5/8</u>	<u>0-2955'</u>	<u>NA</u>	<u>Brush Ross 1546</u>	<u>Circ. to surf</u>
Planned ___ or Existing <u>Long St</u>	<u>7 7/8 / 5 1/2</u>	<u>2763-5920</u>	<u>NA</u>	<u>5893 Nanger 425</u>	<u>GR - sonic</u>
Planned ___ or Existing <u>Liner</u>	<u>7 7/8 / 4"</u>	<u>5918-6744</u>	<u>NA</u>	<u>17-63 40</u>	<u>Calc.</u>
Planned ___ or Existing <u>OH / PERF</u>	<u>7 7/8 / 4"</u>	<u>5676-6744</u>	<u>NA</u>		

Injection Formation(s):	Depths (ft)	Formation	Tops?
Above Top of Inject Formation	<u>+1239</u>	<u>San Andres</u>	<u>4015</u>
Above Top of Inject Formation	<u>+406</u>	<u>Glorieta</u>	<u>5274</u>
Proposed Interval TOP:	<u>5676</u>	<u>Bluebry</u>	<u>5660</u>
Proposed Interval BOTTOM:	<u>6744</u>	<u>Drinkard</u>	—
Below Bottom of Inject Formation	—	—	—
Below Bottom of Inject Formation	—	—	—

Drilled TD <u>6775</u>	PBSD —
Open Hole _____ or Perfs <u>X</u>	
Tubing Size <u>2 3/8</u>	Inter Coated? <u>Yes</u>
Proposed Packer Depth <u>5600</u>	
Max Packer Depth <u>5576</u> (100-ft limit)	
Proposed Max. Surface Press <u>2100</u>	
Calc. Injt Press <u>1121</u> (0.2 psi per ft)	
Calc. FPP <u>2875</u> (0.65 psi per ft)	

AOR: Hydrologic and Geologic Information

POTASH [R-111-P] N Noticed? N WIPP N Noticed? N SALADO Top _____ Bot 2510 CLIFF HOUSE NA

Fresh Water: Max Depth: 136' FW Formation Alluvial Wells? 0 Analysis? N Hydrologic Affirm Statement ✓

Disposal Fluid: Formation Source(s) Same formation On Lease ✓ Only from Operator _____ or Commercial _____

Disposal Interval: Protectable Waters? None CAPITAN REEF: in N thru N outside of _____

H/C Potential: Producing Interval? Water flooding of Bluebry/Drinkard Formerly Producing? _____ Method: Log / Mudlog DST/Depleted/Other Hearing Order

AOR Wells: 1/2-M Radius Map? ✓ Well List? ✓ Total No. Wells Penetrating Interval: 29

Penetrating Wells: No. Active Wells 23 Num Repairs? 0 on which well(s)? 2 well list shows most are EBDU wells Diagrams? ✓

Penetrating Wells: No. P&A Wells 6 Num Repairs? 0 on which well(s)? 2 well list shows most are EBDU wells Diagrams? ✓

NOTICE: Newspaper Date 03/05/13 Mineral Owner Apache Surface Owner McNiel Ranch N. Date 03/06/13

RULE 26.7(A): Identified Tracts? ✓ Affected Persons: Apache / James Bryant N. Date 03/07/13

Permit Conditions:

Issues: Two feet overlap for Liner with Long St - reported wrong based on well file

Injection Permit Checklist: Received 04/10/13 First Email Date: Final Reply Date: Suspended?:

Issued Permit: Type WFX PMX / SWD Number: 909 Permit Date: 05/14/2013 Legacy Permits or Orders: R-12394

Well No. #22 Well Name(s): East Blinebury Drinkard Unit (EBDU) Formerly Lodehat

API: 30-0 25-06528 Spud Date: 06-15-1956 New/Old: Old (UIC CI II Primacy March 7, 1982)

Footages 660' FNL / 330' FWL Lot Unit P Sec 11 Tsp 21S Rge 37W County Lea

General Location: ~ 4 miles NE of Eunice Pool: Drinkard Pool No.: 660/19190

Operator: Apache Corp. OGRID: 873 Contact: Darrin Stead

COMPLIANCE RULE 5.9: Inactive Wells: 3 Total Wells: 2764 Fincl Assur: Y Compl. Order? NB IS 5.9 OK? Yes

Well File Reviewed: ✓ Current Status: Former producer - Current Producer

Planned Rehab Work to Well: Drillout Existing construction - add well injection

Well Diagrams: Proposed Before Conversion After Conversion Are Elogs in Imaging?: Yes

Well Construction Details:	Sizes (in) Borehole / Pipe	Setting Depths (ft)	Stage Tool	Cement Sx or Cf	Cement Top and Determination Method
Planned <u> </u> or Existing <u>Cond</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Planned <u> </u> or Existing <u>✓ Surface</u>	<u>12 1/4 / 8 5/8</u>	<u>0 - 1400</u>	<u> </u>	<u>750</u>	<u>Surface</u>
Planned <u> </u> or Existing <u>Interm</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Planned <u> </u> or Existing <u>✓ Long St</u>	<u>7 7/8 / 5 1/2</u>	<u>0 - 5,899</u>	<u> </u>	<u>3200</u>	<u>Calc.</u>
Planned <u> </u> or Existing <u>Liner</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Planned <u> </u> or Existing <u>OH / PERF</u>	<u>existing 5 1/2</u>	<u>5840 - 5883</u>	<u> </u>	<u> </u>	<u> </u>

Injection Formation(s):	Depths (ft)	Formation	Tops?
Above Top of Inject Formation	<u> </u>	<u>San Andres</u>	<u>3995</u>
Above Top of Inject Formation	<u> </u>	<u>Garceta</u>	<u>5242</u>
Proposed Interval TOP:	<u>5640</u>	<u>Blinebury</u>	<u>5700?</u>
Proposed Interval BOTTOM:	<u>5883</u>	<u>Drinkard</u>	<u> </u>
Below Bottom of Inject Formation	<u> </u>	<u> </u>	<u> </u>
Below Bottom of Inject Formation	<u> </u>	<u> </u>	<u> </u>

Completion/Ops Details:			
Drilled TD	<u>5900</u>	PBTD	<u>5897</u>
Open Hole	<u> </u>	or Perfs	<u>✓</u>
Tubing Size	<u>2 3/8</u>	Inter Coated?	<u>Yes</u>
Proposed Packer Depth	<u>5600</u>		
Max Packer Depth	<u>5540</u>	(100-ft limit)	
Proposed Max. Surface Press	<u>2100</u>		
Calc. Injt Press	<u>1128</u>	(0.2 psi per ft)	
Calc. FPP	<u>2875</u>	(0.65 psi per ft)	

AOR: Hydrologic and Geologic Information

POTASH [R-111-P] N Noticed? N WIPP N Noticed? N SALADO Top Bot CLIFF HOUSE NA

Fresh Water: Max Depth: ~ 136' FW Formation Alluvial Wells? N Analysis? Hearing order Hydrologic Affirm Statement

Disposal Fluid: Formation Source(s) Some formation On Lease ✓ Only from Operator or Commercial

Disposal Interval: Protectable Waters? None CAPITAN REEF: in N thru N outside of N Hearing order

H/C Potential: Producing Interval? NA Formerly Producing? Water Supply Method E Log / Mudlog / DST / Depleted / Other

AOR Wells: 1/2-M Radius Map? Well List? Total No. Wells Penetrating Interval: 26

Penetrating Wells: No. Active Wells 25 Num Repairs? 0 on which well(s)? Diagrams? NB

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

NOTICE: Newspaper Date 03/05/13 Mineral Owner Apache Surface Owner McNiel Ranch N. Date 03/06/13

RULE 26.7(A): Identified Tracts? ✓ Affected Persons: Apache N. Date NA

Permit Conditions:

Issues:

Casing only - cements not to surface for Long St.

Injection Permit Checklist: Received 04/10/13 First Email Date: 05/14/2013 Final Reply Date: 05/14/2013 Suspended?: 05/14/2013

Issued Permit: Type: WFX / PMX / SWD Number: 909 Permit Date: 05/14/2013 Legacy Permits or Orders: R-12394

Well No. #28 Well Name(s): East Blinberry Drinkard Unit (EBDU) [Lockhart B-12] #1

API: 30-0 25-06538 Spud Date: 02/22/1965 New/Old: Old (UIC CI II Primacy March 7, 1982)

Footages 330' FNL / 660' Full Lot D Unit 12 Sec 215 Rge 37E County Lea

General Location: ~ 4 miles NE of Eunice Pool: Blinberry / Drinkard Pool No.: 6660

Operator: Apache Corporation OGRID: 870 Contact: Darin Sted 1/19/90

COMPLIANCE RULE 5.9: Inactive Wells: 3 Total Wells: 2764 Fincl Assur: OK Compl. Order? 16 IS 5.9 OK? Yes

Well File Reviewed: ✓ Current Status: Production in BL/- prior production in DR but PB

Planned Rehab Work to Well: Drillout CIBP at 6550 - open DR perfs 6590-6825

Well Diagrams: Proposed Before Conversion After Conversion Are Elogs in Imaging?: Yes (Note 6950 - wrong CIBP at 6905)

Well Construction Details:	Sizes (in) Borehole / Pipe	Setting Depths (ft)	Stage Tool	Cement Sx or Cf	Cement Top and Determination Method
Planned <u>or</u> Existing <u>Cond</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
Planned <u>or</u> Existing <u>Surface</u>	<u>17 / 13</u>	<u>0 - 275'</u>	<u>—</u>	<u>250</u>	<u>Cir to Surf</u>
Planned <u>or</u> Existing <u>Interm</u>	<u>12 / 9 5/8</u>	<u>0 - 3149</u>	<u>—</u>	<u>1517</u>	<u>Cir to Surf</u>
Planned <u>or</u> Existing <u>LongSt</u>	<u>8 3/4 / 7</u>	<u>0 - 8268</u>	<u>—</u>	<u>420</u>	<u>Cir to Surf</u>
Planned <u>or</u> Existing <u>Liner</u>	<u>—</u>	<u>CPB to 6550</u>	<u>—</u>	<u>940 SAs</u>	<u>Cement Log in</u>
Planned <u>or</u> Existing <u>OH / PERF</u>	<u>in 7' add</u>	<u>5,904 - 6825</u>	<u>—</u>	<u>—</u>	<u>—</u>

Injection Formation(s):	Depths (ft)	Formation	Tops?
Above Top of Inject Formation	<u>5640</u>	<u>Blueberry</u>	<u>—</u>
Above Top of Inject Formation	<u>6825</u>	<u>Drinkard</u>	<u>—</u>
Proposed Interval TOP:	<u>5640</u>	<u>Blueberry</u>	<u>—</u>
Proposed Interval BOTTOM:	<u>6825</u>	<u>Drinkard</u>	<u>—</u>
Below Bottom of Inject Formation	<u>—</u>	<u>—</u>	<u>—</u>
Below Bottom of Inject Formation	<u>—</u>	<u>—</u>	<u>—</u>

AOR: Hydrologic and Geologic Information

POTASH [R-111-P] N Noticed? N WIPP N Noticed? N SALADO Top — Bot — CLIFF HOUSE NA

Fresh Water: Max Depth: 136' FW Formation Alluvial Wells? 0 Analysis? N Hydrologic Affirm Statement Y

Disposal Fluid: Formation Source(s) Production water On Lease X Only from Operator — or Commercial —

Disposal Interval: Protectable Waters? None CAPITAN REEF: in N thru N outside of N

H/C Potential: Producing Interval? Water flooding Formerly Producing? — Method: E/Log / Mudlog / DST / Depleted / Other Hearing

AOR Wells: 1/2-M Radius Map? — Well List? — Total No. Wells Penetrating Interval: 24 29 - 5 locations

Penetrating Wells: No. Active Wells 26 Num Repairs? 0 on which well(s)? — Diagrams? 16

Penetrating Wells: No. P&A Wells 3 Num Repairs? 0 on which well(s)? — Diagrams? 16

NOTICE: Newspaper Date 03/05/13 Mineral Owner Apache Surface Owner McMiel Ranch N. Date 03/06/13

RULE 26.7(A): Identified Tracts? — Affected Persons: NA N. Date 03/13

Permit Conditions: None except for error in interval

Issues: —