COPY

ENGINEER

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RECEIVE NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau 2013 APR - 9 P 2: 5 2013 APR -9 P



		ADI	VINISTRAT	IVE APPLIC	CATION CHI	ECKLIST	
Т	HIS CHECKLIS	ST IS MANDAT			NS FOR EXCEPTIONS TO DIVISION LEVEL IN SAN	O DIVISION RULES AND R	EGULATIONS
Applic	[DHC]	n-Standard -Downhole PC-Pool Co [WFX	I Location] [NSP-N Commingling] Inmingling] [OL C-Waterflood Expar	lon-Standard Proi [CTB-Lease Comn S - Off-Lease Stor Ision] [PMX-Pro Disposal] [IPI-In	ration Unit] [SD-Si ningling] [PLC-Po rage] [OLM-Off-Lo essure Maintenanc jection Pressure In	multaneous Dedicat ool/Lease Commingl ease Measurement] e Expansion]	ing]
[1]			CATION - Check Cation - Spacing Un NSL NSP				·
			Only for [B] or [C] mmingling - Storag DHC	e - Measurement	PC OLS	OLM	
	[[C] Inje	ection - Disposal - I WFX 🔲 PMX	Pressure Increase -	Enhanced Oil Reco	overy PPR	Carlo
	. [[D] Oth	ner: Specify	·			
[2]		CATION [A] 💢			nich Apply, or Do yalty Interest Owne		
	ĺ	[B] 💢	Offset Operators,	Leaseholders or S	urface Owner		·
	[[C] 🔀	Application is On	ne Which Requires	Published Legal N	otice	
	[D] 💢	Notification and/o	or Concurrent App gement - Commissioner of F	proval by BLM or S. Public Lands, State Land Offic	LO	
	[E] 💆	For all of the abo	ve, Proof of Notifi	cation or Publicatio	n is Attached, and/or	,
	[[F]	Waivers are Attac	ched			
[3]			ATE AND COMP IN INDICATED A		ATION REQUIR	ED TO PROCESS	гне түре
	val is accui	rate and co	mplete to the best	of my knowledge.		is application for adn hat no action will be sion.	
		Note: State	ment must be comple	ted by an individual w	vith managerial and/or	supervisory capacity.	_
		TEED	(Warin	The	Sr. Staf	F PROD ENG	3/8/13
Print c	or Type Name	e	Signature		Title Darrin. St	eed@Apachecorp.	Date
	,			•	e-mail Addre	SS	

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

FORM C-108 Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

	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:
	 Proposed average and maximum daily rate and volume of fluids to be injected; Whether the system is open or closed; Proposed average and maximum injection pressure; Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and, 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.
	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
	NAME: DARRIN STEED TITLE: Sr Staff Prod Eng SIGNATURE: David DATE: 3/8/13
*	E-MAIL ADDRESS: <u>Darrin</u> . Steed@ Apache corp. 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: <u>June 16, 2005; Unitization hearing</u>
DISTI	RIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

	OPERATOR:	Apache	Corporation
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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

TOC @ surf 13-3/4" hole TOC @ surf 9-7/8" hole TOC @ 2,7631 7-7/8" 5,600' Injection Packer BL: 5,676' - 6,074'. 4-3/4" hole DR: 6,601 - 6,744'. · PBTD @ 6,775

WELL CONSTRUCTION DATA Surface Casing

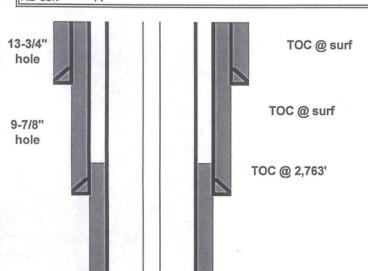
Hole Size: 15"		Casing Size: 10-3/4"	
Cemented with:250	sx	07	_ft³
Top of Cement: Surface		Method Determined: Circulated	
	Intermediate	e Casing	
Hole Size: 9-7/8"		Casing Size: 7-5/8"	_
Cemented with: 1,546	sx.	or	_ft³
Top of Cement: Surface		Method Determined: Circulated	. >
	Production	Casing	
Hole Size: <u>6-3/4"</u>		Casing Size: 5 ½"	
Cemented with: 425	sx.	or	_ft³
Top of Cement: 2,763'		Method Determined: Calculated	
Total Depth: <u>6,775</u> '	-		
	Injection In	nterval	
	5,676' feet	to 6,744' (Perforated)	

(Perforated or Open Hole; indicate which)

Tul	bing Size: 2 3/8" Lining Material: Coated						
Typ	Type of Packer: Injection						
Pac	ker Setting Depth: 5,600'						
Oth	er 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						

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'



7-7/8" hole

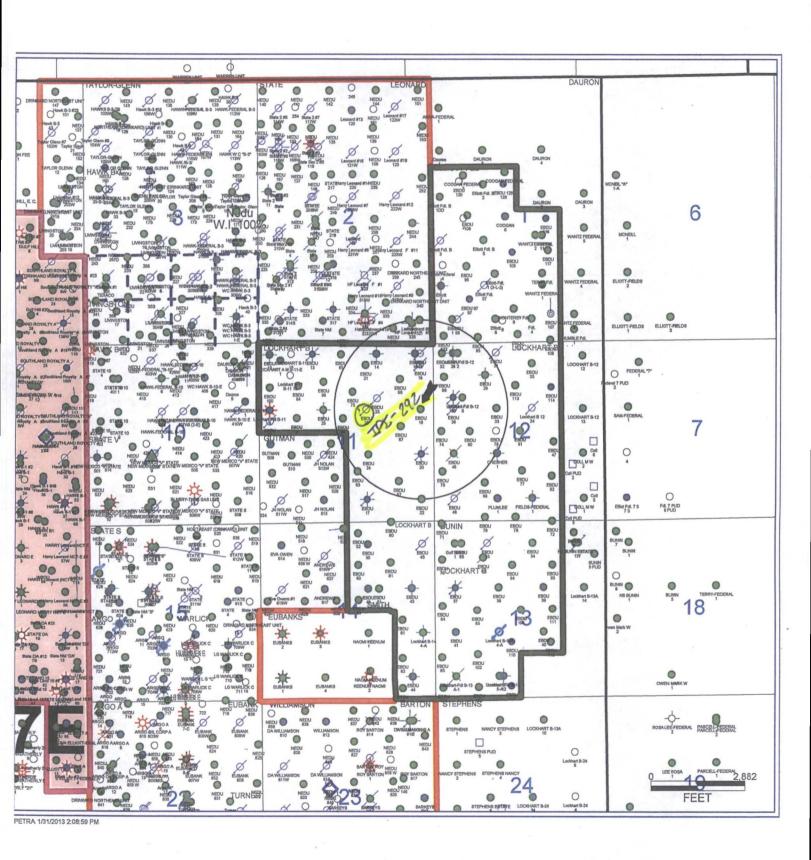
	V=1.77vs
Depth	Description
	Drilled as the Lockhart B-11 #10
	(5,709' - 5,901') Sqz BL perfs w/100 sx class "C"
5,918'	Top of Liner

Existing

BL: 5,709' - 5,901' w/4 JSPF (568 holes).

5,733' - 6,074' w/1 JSPF (15 holes).

DR: 6,601 - 6,744' w/1 JSPF (18 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 #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

Is flan C. Park

Landman

dylan.park@apachecorp.com

OPERATOR: Apache Corporation	
WELL NAME & NUMBER: East Blinebry Drinkard Unit #22 (Lock hare B-11)	
WELL LOCATION: 660' FSL & 330' FEL P 11 T-21-S	R-37-E
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP	P RANGE
WELLBORE SCHEMATIC Surface Casing	<u>DATA</u>
Hole Size: 12-1/4" Casing Size: 8	-5/8"
	ft ³
Top of Cement: Surface Method Determ	nined: Circulated .
Intermediate Casing shale	
Hole Size: Casing Size: _	·
Toc @ 2,500' (est) Cemented with:sx. or	ft ³
Top of Cement: Method Determined to the pole of	mined:
2560 Production Casing	
Hole Size: 7-7/8" Casing Size: 5	-1/2"
Cemented with: 3,200 sx. or	ft ³
Top of Cement: Surface Method Determined Line Line Line Line Line Line Line Line	mined: Calculated
5,600' Injection Packer Total Depth: 5,900'	
BL: 5,640' - 5,883'. Injection Interval	
PBTD @ 5,897' TD @ 5,900' 5,640' feet to 5,883' (Perfe	orated)

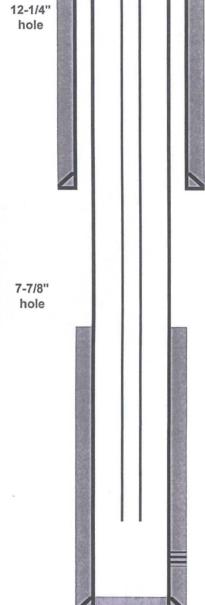
(Perforated or Open Hole; indicate which)

Tul	oing Size: 2 3/8" Lining Material: Coated			
Typ	oe of Packer: <u>Injection</u>			
Pac	ker Setting Depth: 5,600'			
Oth	er 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 Well Name	Kelsey Grisham EBDU	Well No.	22		
Field County	Eunice Area (EBDU)	_			
State Date	New Mexico 2/28/2013	_			
GL KB corr	3,429' 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

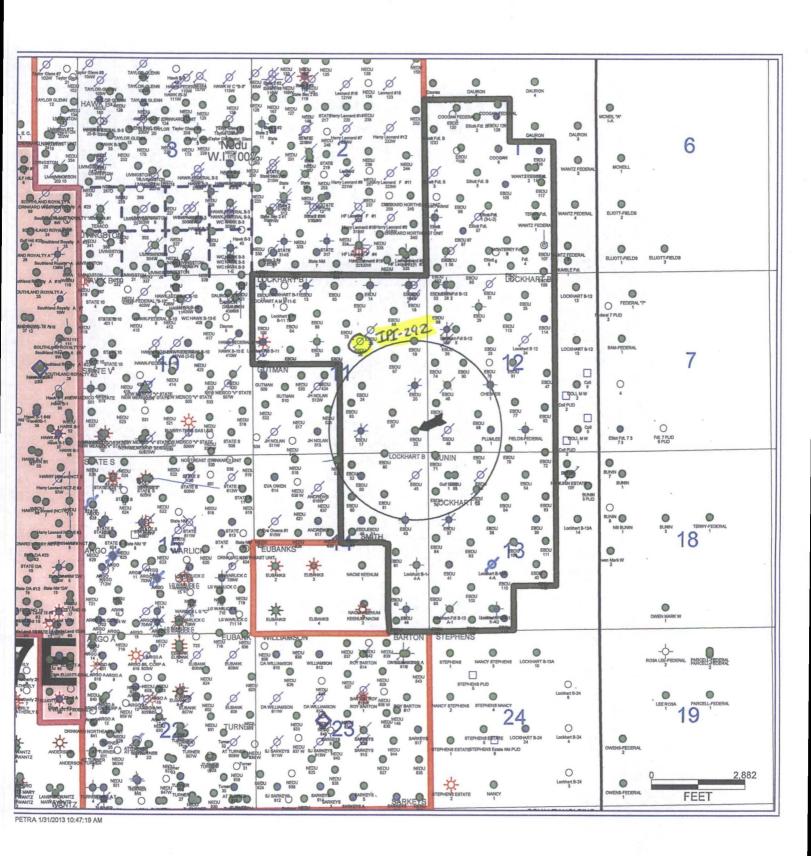
Depth	Description
	Drilled as the Lockhart B-11 #13
	,

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 Blinebry 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

WELL NAME & NUMBER: East Blinebry Drinkard Unit #28

FOOTAGE LOCATION

UNIT LETTER

T-21-S

R-37-E

SECTION **TOWNSHIP** **RANGE**

WELLBORE SCHEMATIC

WELL LOCATION: 330' FNL & 660' FWL

WELL CONSTRUCTION DATA Surface Casing

17-1/2" hole		TOC @ surf	Hole Size: <u>17-½"</u>	Casing Size: 13"
	4		Cemented with: 250 sx.	orft ³
12" hole		TOC @ surf	Top of Cement: Surface	Method Determined: Circulated .
			Intermedi	ate Casing
		TOC @ Surface	Hole Size: 12"	Casing Size: 9-5/8"
		*	Cemented with: 167 sx	or ft ³
8-3/4"			Top of Cement: Surface	Method Determined: <u>Circulated</u> .
hole		•	Producti	on Casing
		5,600' Injection Packer BL: 5,690' - 6,054'.	Hole Size: <u>8-3/4"</u>	Casing Size: 7"
		4825	Cemented with: 940 s	<i>or</i> ft ³
CIBP @ 6	3905'	DR: 6,590' - 6,950'.	Top of Cement: Surface	Method Determined: Circulated
CIBP @ (,,500	AB: 6,940' - 7,521' w/2 JSPF (298 holes).	Total Depth: <u>8,268'</u>	
CIBP @ 7	7,560'		Injection	n Interval
PBTD: 6,	905'	EL: 8,133' - 8,160' w/4 JSPF (308 holes).	5,690' fe	et to 6.950 (Rerforated)
TD: 8,268		Permitted: 5690	(Perforated or Open	Hole; indicate which)

6825 - 6950 in AB

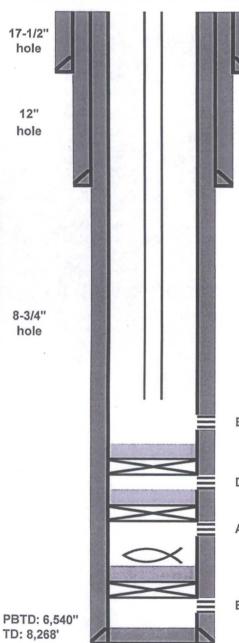
Tul	oing Size: 2-3/8" Lining Material: Coated
Тур	pe of Packer: <u>Injection</u>
Pac	ker Setting Depth: 5,600'
Oth	ner Type of Tubing/Casing Seal (if applicable):
	Additional Data
1.	Is this a new well drilled for injection? Yes X No
	If no, for what purpose was the well originally drilled? Producer
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. 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

30-025-06538

	Apache Corpo	ration
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					

Fish #1: 5 jts tbg & pkr CIBP w/12' cmt.



	Depth	Description
TOC @ surf		Drilled as Lockhart B-12 #
	6,550'	CIBP w/10' cmt
	6,905'	CIBP w/12' cmt
	7,061'	Fish #2: 6 jts tbg & pkr

7,398'

7,560'

TOC @ Surface

TOC @ surf

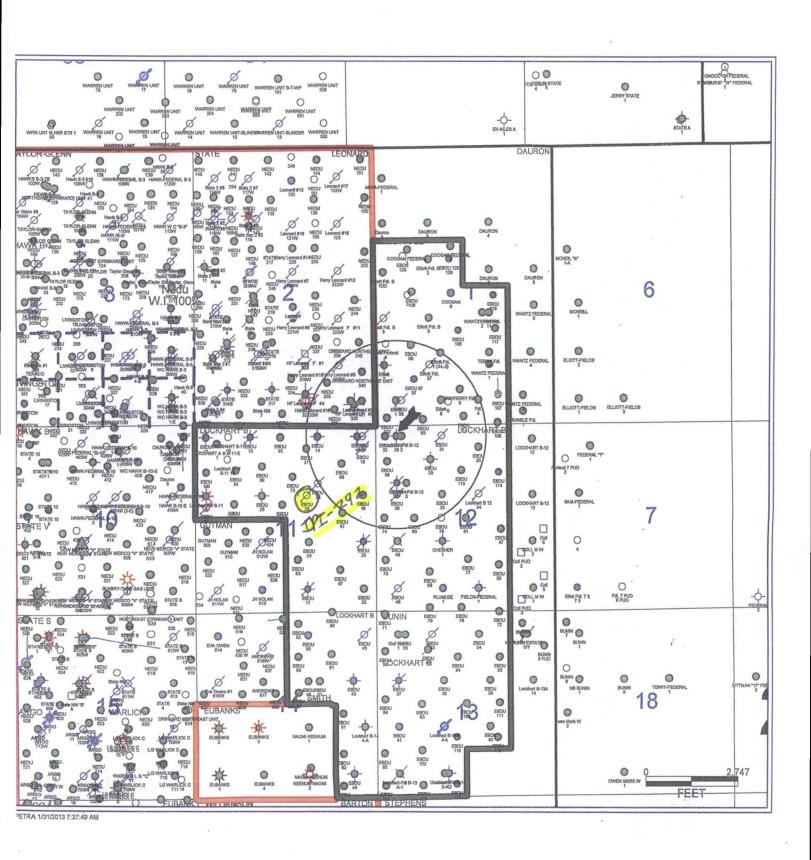
Existing

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: App

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

				·			SPUD			TOP OF	
OPERATOR	LEASE NAME	WELL#	LOCATION	FOOTAGE	TYPE	API	DATE	TD	CONSTRUCTION	CEMENT	COMPLETIONS & COMMENTS
he Corporation	East Blinebry 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	76'	10/10: 5,769' - 6,439'
AcElvain	Elliott Federal	1	Unit M, Sec 1, T-21-S, R-37-E	660' FSL & 660' FWL	OIL	3002506329	09/1951	8,370	13-3/6" @ 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' 6/62 PB 7263, 7088-7213
he Corporation	East Blinebry Drinkard Unit	.4	Unit O, Sec 1, T-21-S, R-37-E Unit K, 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 8-5/8" @ 1,498" CMT w/730 sx; 5-1/2" @ 7,500" CMT w/1,460 sx	3,823	11/54: 5,900' - 5,997' O.H.
he Corporation	East Blinebry Drinkard Unit East Blinebry Drinkard Unit	57	Unit K, Sec 1, T-21-S, R-37-E	1,650' FSL & 1,650' FWL	OIL OIL	3002529061	12/1984	7,500	8-5/8" @ 1,498" CMT w/730 sx; 5-1/2" @ 7,500" CMT w/1,460 sx	5,639'	02/85: 7,041' - 7,462' 03/52: 5,840' - 5,970'
ne Corporation	East Blinebry Drinkard Unit	7	Unit T, Sec 1, T-21-S, R-37-E	1,050' FSL & 330' FWL	OIL	3002506332			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		02/02: 7,058' - 7,330' w/CIBP @ 700'
he Corporation	East Blinebry 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	10/52: 5,810' - 5,987' O.H. 04/85: 6,964' - 7,426'
ha Carner-tian	C-+ Dis-La Drietard Linit		11-31 Con 4 T 24 C. D 27 E	GENTEST & 4 DRN EIAN		3002506335	12/1953	6.015	10.3/A" @ 232' CMT w/250 sy: 7.5/8" @ 3.166' CMT w/450 sy: 5.1/7" @ 5.851' CMT w/350 sx	4,235	01/54: 5,851' - 6,015' O.H.
he Corporation	East Blinebry Drinkard Unit East Blinebry Drinkard Unit	9	Unit V, Sec 1, T-21-S, R-37-E Unit V, Sec 1, T-21-S, R-37-E	990' FSL & 2,480' FWL	OIL	3002506335 3002534937	06/2000	7,750	10-3/4" @ 232' CMT w/250 sx; 7-5/6" @ 3,166' CMT w/450 sx; 5-1/2" @ 5,851' CMT w/350 sx 8-5/6" @ 1,600' CMT w/519 s-s; 5-1/2" @ 7,750' CMT w/1,400 sx	1,288'	7.064' - 7.663' sqz
											6,930' - 43' BP @ 6,840' 6,742' - 6,756' BP @ 6,300'
					<u> </u>						09/00: 5,895' - 6,014'
the Corporation	East Blinebry 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 8-5/8" @ 1,515' CMT w/765 sx; 5-1/2" @ 7,210' CMT w/1,125 sx 8-5/8" @ 1,540' CMT w/800 sx; 5-1/2" @ 7,200' CMT w/1,050 sx 8-5/8" @ 1,537' CMT w/700 sx; 5-1/2" @ 7,202' CMT w/1,100 sx	85' surf	07/10: 5,805' - 6,893' 07/10: 5,927' - 6,886'
	East Blinebry Drinkard Unit East Blinebry Drinkard Unit	96 97	Unit M, Sec 1, T-21-S, R-37-E	1,290' FSL & 1,135' FWL	OIL	3002539677	11/2011	7,200	8-5/8" @ 1,518 CMT W/765 SX, 3-1/2 @ 7,210 CMT W/1,050 SX	surf	12/11: 5,859' - 6,914'
he Corporation	East Blinebry Orinkard Unit	112	Unit N, Sec 1, T-21-S, R-37-E	250' FSL & 2,630' 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'
the Corporation	East Blinebry Drinkard Unit	14	Unit B, Sec 11, T-21-S, R-37-E	1330' FNL & 1.650' FEL	1 011	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'
											10/66: 6,561' - 6,737'; CIBP @ 6,800'
one Corporation	East Blinebry Drinkard Unit	15	Unit A, Sec 11, T-21-S, R-37-E	330' FNL & 330' FEL	OIL	3002506527	07/1952	8,065	13-3/8" @ 246' CMT w/260 sx; 9-5/8" @ 3,136' CMT w/1,615 sx; 7" @ 8,064' CMT w/800 sx	3,808	09/52: 7,636' - 7,878' 01/67: 6,595' - 6,766'; CIBP @ 6,850'
che Corporation	East Blinebry 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'	12/52: 7,898' - 8,026': CIBP @ 7,800'
								 		_	05/64: 6,912' - 7,379' 05/64: 5,889' - 6,115'
che Corporation	East Blinebry 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; 9-5/6" @ 2,996' CMT w/2,100 sx; 7" @ 7,576' CMT w/961 sx	2,463'	09/59; 6,560' - 6,650'
								7		3 003	(09/53: 5,604' - 5,728' 04/54: 5,759' - 5,852'
che Corporation	East Blinebry Drinkard Unit East Blinebry Drinkard Unit	18	Unit A, Sec 11, T-21-S, R-37-E Unit H, Sec 11, T-21-S, R-37-E		OIL	3002506479	03/1954	5,880	10-3/4" @ 275' CMT w/250 sx; 7-3/4" @ 3,149' CMT w/340 sx; 5-1/2" @ 5,879' CMT w/415 sx 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'	3,963'	05/56: 5,709' - 5,901'
								$\overline{}$			01/65: 6,601' - 6,744'
	East Blinebry Drinkard Unit		Unit I, Sec 11, T-21-S, R-37-E		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" @ 5,302' CMT w/300 sx, 4" 1/5,876' - 6,780'	4,517	04/56: 5,696' - 5,898' 05/65: .6523' - 6,703'
che Corporation	East Blinebry 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	05/65: ,6523' - 6,703' 05/56: 5,720' - 5,919'
iche 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	8-5/8" @ 1,400' CMT w/750 sx; 5-1/2" @ 5,899' CMT w/3,200 sx 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	surf 4,078'	07/56: 5,704' - 5,883' 07/57: 5,724' - 5,894'
iche Corporation	East Blinebry Drinkard Unit	24	Unit B, Sec 11, T-21-S, R-37-E Unit P, Sec 11, T-21-S, R-37-E Unit G, Sec 11, T-21-S, R-37-E Unit J, Sec 11, T-21-S, R-37-E Unit J, Sec 11, T-21-S, R-37-E 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/1,150 sx; 7" @ 6,750' CMT w/475 sx	4,223	03/60: 6,589 '- 6,665' & 5,752' - 5,856'
10he Corporation	East Blinebry 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 8-5/8" @ 1,321' CMT w/600 sx; 5-1/2" @ 6,968' CMT w/1,050 sx	4,041' 70'	05/62: 6,790' - 7,412' & 6,582' - 6,708' 06/07: 5,640' - 6,688'
TOTAL COLDOLARION	Cast Billion'y Drinkaid Offic					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	06/08: 5,690' - 6,762'
	East Blinebry Drinkard Unit East Blinebry Drinkard Unit	67	Unit H, Sec 11, T-21-S, R-37-E Unit G, Sec 11, T-21-S, R-37-E Unit P, Sec 11, T-21-S, R-37-E Unit F, Sec 11, T-21-S, R-37-E	2,450' FNL & 990' FEL	OIL	3002538771	04/2008	6,960	8-5/8" @ 1,386' CMT w/680 sx; 5-1/2" @ 6,960' CMT w/1,550 sx	1,013' surf	05/08: 5,628' - 6,722' 10/09: 5,634' - 6,746'
30he Corporation	East Blinebry Drinkard Unit	87	Unit P, Sec 11, T-21-S, R-37-E	1,185' FSL & 1,060' FEL	OIL	3002539360	08/2009	6,950	8-5/8" @ 1,430" CMT W(850 sx; 5-1/2" @ 6,978" CMT w/1,150 sx 8-5/8" @ 1,390" CMT W(850 sx; 5-1/2" @ 6,950" CMT w/1,000 sx 8-5/6" @ 1,370" CMT W/750 sx; 5-1/2" @ 7,112" CMT w/1,400 sx	surf	09/09: 5,649' - 6,734'
ache Corporation	East Blinebry 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'	08/10: 5,654' - 6,694'
3Che Corporation	East Blinebry Drinkard Unit	31	Unit C, Sec 12, T-21-S, R-37-E	330' FNI & 1 980' FWI	OII	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'
						1	1	1			01/83: 5,796' - 5,996'
ache Corporation	East Blinebry Drinkard Unit	35	Unit B, Sec 12, T-21-S, R-37-E Unit C, Sec 12, T-21-S, R-37-E	1.275' FNL & 2,310' FEL	OIL	3002506545	01/1956	6,050	10-34" @ 275' CMT wi300 sx; 7-56" @ 5,115' CMT w/1,150 sx; 5-1/2" @ 6,048' CMT wi478 sx 8-5/8" @ 1,516' CMT w/700 sx; 5-1/2" @ 7,010' CMT w/1,275 sx; 5-1/2" @ 6,048' CMT wi478 sx 10-34" @ 255' CMT wi250 sx; 7-5/6" @ 3,160' CMT w/1,100 sx; 5-1/2" @ 8,201' CMT wi450 sx	3,842'	01/56: 5,804' - 5,984' 5,780' - 6,861'
ache Corporation	East Blinebry 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	3,891'	07/53; 8,050' - 8,150'
	ļ		ļ		—					+	09/64: 6,601' - 6,747'
ache Corporation	East Blinebry 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	02/90: BP @ 5,960'; 5,740' - 5,952' 05/54: 5,780' - 5,881'
ache Corporation	East Blinebry Drinkard Unit East Blinebry 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' 4,118'	09/54: 5,783' - 5,884' 103/56: 5,712' - 5,908'
ache Corporation	East Blinebry Drinkard Unit	46	Unit D, Sec 12, T-21-S, R-37-E Unit F, Sec 12, T-21-S, R-37-E Unit E, Sec 12, T-21-S, R-37-E Unit L, Sec 12, T-21-S, R-37-E	1,980' FSL & 660' FWL	OIL	3002506552	10/1955	5,950	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 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 10-3/4" @ 260 'CMT w/300 sx; 7-5/8" @ 3,126 'CMT w/900 sx; 5-1/2" @ 5,924 'CMT w/400 sx 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'
											06/70: 5,724' - 5,918'
ache Corporation	Chesher	<u> </u>	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	02/82: 5,631' - 5,918' 02/52: 6,919' - 7,516' O.H.
											11/54: 5,750' - 5,864'; 5,900' - 5,940' Sqzd
	 	 		 	+	 	┼				12/71: 5,320' - 5,340' Sqzd 02/89: 6,919' - 7,516' O.H.
								1		1 = -	04/02; P&A
ache Corporation	East Blinebry Drinkard Unit	48	Unit M, Sec 12, T-21-S, R-37-E Unit N, Sec 12, T-21-S, R-37-E	660' FSL & 660' FWL	OIL	3002506550	03/1956	5,920	13-3/5" @ 314' CMT w/300 sx; 8-5/6" @ 3,246' CMT w/1,500 sx; 5-1/2' @ 5,919' CMT w/100 sx 13-3/6" @ 210' CMT w/250 sx; 8-5/8" @ 3,182' CMT w/2,200 sx; 5-1/2' @ 6,950' CMT w/50 sx	5,457° 5.300'	04/56; 5,720° - 5,815° 05/52; 6,950° - 7,510°
			5	, 02 d 1,000 FVVL		0002000004	03/1302	1,514	10-00 @ 210 Omit 11200 on, 0-010 @ 0,102 OMI 1112,200 OA, 0-112 @ 0,000 OMIT 11100 OA	0,500	02/55; CIBP @ 6,750'; Sqzd 200 sx thru holes
	 	 			\leftarrow	<u> </u>					@ 6,150' (TOC @ 5,300'; 5,750' - 5,870' 08/73: Sqzd 5,750' - 5,870' & CO; CIBP @ 6,875'
							 	1			08/73: Sqzd 5,750' - 5,870' & CO; CIBP @ 6,875' perf 6,575' - 6,837'
					-			1			03/80: Sqzd csg leak 3,500' - 4,675'
ache Corporation	Lockhart B 12	5	Unit E, Sec 12, T-21-S, R-37-E	1,650' FNL & 941' FWL	OIL	3002506540	09/1953	8.033	10-3/4" @ 264' CMT-w/250 sx; 7-5/8" @ 3,135' CMT w/1,360 sx: 5-1/2" @ 8,032' CMT w/467 sx	3,560	11/86; Sqzd 6,575' - 6,837' & CO to O.H. 7,618' - 7,994'
pache Corporation	Lockhart B 12	2	Unit E, Sec 12, T-21-S, R-37-E Unit D, Sec 12, T-21-S, R-37-E Unit D, Sec 12, T-21-S, R-37-E	330' FNL & 810' FWL	TA	3002506547	03/1952	8,149	10-3/4" @ 264' CMT-w/250 sx; 7-56" @ 3,135' CMT w/1,360 sx; 5-1/2" @ 8,032' CMT w/467 sx 13-3/6" @ 260' CMT w/250 sx; 9-5/6" @ 3,139' CMT w/1,200 sx; 7" @ 8,146' CMT w/1,200 sx 13" @ 275' CMT w/250 sx; 9-5/6" @ 3,146' CMT w/1,516 sx; 7" @ 8,266' CMT w/940 sx	1,764	7,770' - 8,096'
Actio Corporation	Icoscomenty outstand out	120	1 On to, 086 12, 1-21-0, H-37-E	1930 LINT & BOO. FAAT	1 UIL	1 3002506538	1 04/1952	(8,268	137 @ 275 CMT W/250 SX; 5-5/8" @ 3,149" CMT W/1,518 SX; 7" @ 8,268" CMT W/940 SX	6,905	8,133' - 8,221'

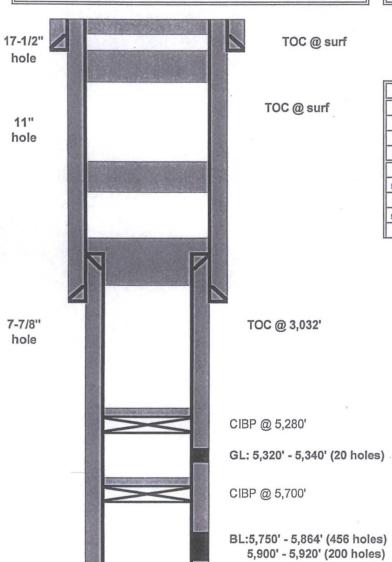
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PERATOR	LEASE NAME	WELL#	LOCATION	FOOTAGE	TYPE	API	DATE	TD	CONSTRUCTION	CEMENT	COMPLETIONS & COMMENTS
											03/62: 6,590' - 6,825'
the Corporation	East Blinebry Drinkard Unit	29	Unit C, Sec 12, T-21-S, R-37-E	990' FNL & 1,650' FWL	OIL	3002506548	10/1952	8,565	13-3/8" @ 253' CMT w/225 sx; 9-5/8" @ 3,149' CMT w/1,120 sx; 7" @ 8,563' CMT w/1,045 sx	3,152	7,958' - 8,095'
				1							04/61: 6,735' - 6,795'
	East Blinebry Drinkard Unit		Unit N, Sec 12, T-21-S, R-37-E						8-5/8" @ 1,450' CMT w/650 sx; 5-1/2" @ 7,000' CMT w/1,150 sx		5,732' - 6,755'
	East Blinebry Drinkard Unit	75	Unit L, Sec 12, T-21-S, R-37-E						8-5/8" @ 1,425" CMT w/850 sx; 5-1/2" @ 6,985" CMT w/1,482 sx		5,658' - 6,772'
	East Blinebry Drinkard Unit		Unit L, Sec 12, T-21-S, R-37-E			3002539034	09/2008	7,012	B:5/6" @ 1,435' CMT w/750 sx; 5-1/2" @ 7,012' CMT w/1,550 sx	84'	5,726' - 6,804'
	East Blinebry Drinkard Unit		Unit N, Sec 12, T-21-S, R-37-E		OIL	3002539378	09/2009	6,997	8-5/8° @ 1,460' CMT w/650 sx; 5-1/2° @ 6,997' CMT w/1,000 sx	70'	5,692' - 6,777'
	East Blinebry Drinkard Unit		Unit L, Sec 12, T-21-S, R-37-E		OIL				8-5/8" @ 1,425' CMT w/650 sx; 5-1/2" @ 7,000' CMT w/1,150 sx	84'	5,673' - 6,790'
ache Corporation	East Blinebry Drinkard Unit	98	Unit D, Sec 12, T-21-S, R-37-E	990' FNL & 330' FWL	OIL	3002539645	07/2010	7,211	8-5/8" @ 1,516' CMT w/750 sx; 6-1/2" @ 7,211' CMT w/1,460 sx	80'	5,735' - 6,763'
	,										
ache Corporation	(East Blinebry Drinkard Unit	53	Unit C, Sec 13, T-21-S, R-37-E	660' FNL & 1.650' FWL	OIL	3002506566	05/1954	6.010	13-3/6" @ 125' CMT w/430 sx; 9-5/8" @ 3,000' CMT w/1,300 sx; 7" @ 6,010' CMT w/500 sx	3,350	10/54: 5,702' - 5,888'
	East Blinebry Drinkard Unit		Unit D. Sec 13, T-21-S, R-37-E						13-3/6" @ 127' CMT w/150 sx; 8-5/8" @ 3,240' CMT w/2,500 sx; 5-1/2" @ 6,499' CMT w/800 sx	2.806	03/56: 5.716' - 5.830'
ache Corporation			Unit D, Sec 13, T-21-S, R-37-E		OIL	3002506563	01/1953	7.165	13-3/8" @ 185' CMT w/200 sx; 8-5/8" @ 2,858' CMT w/1,150 sx; 5-1/2" 2,667' - 6,994' CMT w/600 sx		8,994' - 7,165' O.H.
ache Corporation	East Blinebry Drinkard Unit		Unit D, Sec 13, T-21-S, R-37-E		OIL	3002538501	01/2008	6.950	8-5/8" @ 1,390' CMT w/650 sx; 5-1/2" @ 6,950' CMT w/1,150 sx	84	5,663' - 6,716'
ache 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	B-5/8" @ 1,407' CMT w/650 sx; 6-1/2" @ 7,000' CMT w/1,200 sx	50'	5,644' - 6,770'
ache 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	8-5/8" @ 1.392' CMT w/650 sx; 5-1/2" @ 7.550' CMT w/1,200 sx	surf	5,724' - 6,754'
		_	•					1		i	
ache Corporation	East Blinebry Drinkard Unit	45	Unit A, Sec 14, T-21-S, R-37-E	660' FNL & 330' FEI	OIL	3002506575	05/1956	5 900'	[8-5/8" @ 1,411' CMT w/725 sx; 5-1/2" @ 5,899' CMT w/2,575 sx	sunf	07/56: 5.741' - 5.877'
ache Corporation	East Blinebry Drinkard Unit		Unit B, Sec 14, T-21-S, R-37-E		OIL				13-3/8" @ 223' CMT w/250 sx; 8-5/8" @ 2,987' CMT w/2,040 sx; 5-1/2" @ 6,481' CMT w/350 sx		03/54; 6,490' - 6,631' O.H.
	·			,				15,55		1122	03/57: CIBP @ 5,900; 5,748' - 5,794'
		-		· · · · · · · · · · · · · · · · · · ·						-	06/63; drill out CIBP @ 6,625'; 5,537' - 5,84
ache Corporation	East Blinebry Drinkard Unit	52	Unit B, Sec 14, T-21-S, R-37-E	330' FNL & 2.310' FFI	OIL	3002536810	10/2005	6.850	8-5/8" @ 1.274' CMT w/575 sx; 5-1/2" @ 6.850' CMT w/1.100 sx	1,030	5,655' - 6,639'
	East Blinebry Drinkard Unit		Unit B, Sec 14, T-21-S, R-37-E						8-5/8" @ 1,375' CMT w/700 sx; 5-1/2" @ 6,925' CMT w/1,600 sx		5,629' - 6,702'
	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	8-5/8" @ 1,352 CMT w/700 sx; 5-1/2" @ 6,815' CMT w/1,150 sx		5,624' - 6,715'
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ache Corporation	Northeast Drinkard Unit	335	Unit W, Sec 2, T-21-S, R-37-E	1 200' FSI & 1 400' FFI	OIL.	3002535406	10/2001	6 270	/[8-5/8" @ 1,403' CMT w/460 sx; 5-1/2" @ 6,270' CMT w/1,350 sx	38'	15.781' - 5.970'
ache Corporation	Northeast Drinkard Unit	319	Unit Q, Sec 2, T-21-S, R-37-E		OIL	3002506353	10/1988	8 470	19-36 @ 1-0-0 ONT w/150 sx; 8-5/8" @ 3,099 CMT w/1,375 sx; 5-1/2" @ 6,019 CMT w/600 sx; 4" 5,571' - 7,587' w/825 sx		8,195' - 8,215', 7,925' - 75' & 5,810' - 5,975'
por-usi-				1,000 . 000 1 22	-512	355500055	10,1000	5,470	10-010 (8 100 0111 11 100 04 0-010 (8 0)000 0111 11 11/010 04 0-112 (8 0)013 0111 11/000 04 4 0,011 -7,001 W020 04	2,400	03/85: 7090' - 7.371'
				 		·		\vdash	1		10/88 CIBP @ 7,030'; 5,786' - 6,888'
ache Corporation	Northeast Drinkard Unit	320	Unit W, Sec 2, T-21-S, R-37-E	660' FSL & 1.780' FEL	QIL	3002506366	02/1955	5 925	13-3/6" @ 334' CMT w/575 sx; 8-5/8" @ 3,049' CMT w/200 sx; 5-1/2" @ 5,769' CMT w/825 sx	1,961	5,769' - 5,925' O.H.
	Northeast Drinkard Unit	340	Unit I, Sec 2, T-21-S, R-37-E		OII.	3002538153	08/2007	7 005	18-5/8" @ 1,476' CMT w/900 sx; 5-1/2" @ 7,095' CMT w/1,150 sx	110'	09/07: 5.778' - 6.815'
ache Corporation	Northeast Drinkard Unit	325	Unit X, Sec 2, T-21-S, R-37-E		OIL	3002506349	06/1952	8 013	12-3/4" @ 287' CMT w/300 sx; 8-5/8" @ 3,049' CMT w/1,100 sx; 5-1/2" @ 8,008' CMT w/925 sx	3,738	7.615' - 7.955'
	Northeast Drinkard Unit	321		660' FSL & 330' FFL:	OIL	3002506352	05/1953	5 970	1 12-3/4" @ 309' CMT w/350 sx; 8-5/8" @ 3,099' CMT w/2,300 sx; 5-1/2" @ 5,750' CMT w/195 sx		5,750' - 5,970' O.H.
	Harry Leonard NCT F	3	Unit P. Sec 2, T-21-S, R-37-E	660' FSL & 660' FEI	OIL	3002506363	03/1952	8 168	13-3/8* @ 225' CMT w/350 sx; 8-5/8* @ 2,084' CMT w/1,075 sx; 5* @ 8,167' CMT w/975 sx	4,306'	8,000' - 8,140'
	Northeast Drinkard Unit		Unit P, Sec 2, T-21-S, R-37-E		OIL	3002537712	04/2006	6 987	18-5/6" @ 1,239' CMT w/500 sx; 5-1/2" @ 6,987' CMT w/1,100 sx		05/06: 5.664' - 6.724'
	1	 	1	1.00 . 0.0		OCCUPANT IE	- "Z000	10,307	10-out 18 1/200 out 18000 out 2-112 18 0/001 out 48 1/190 py	142	100/00. 0,004 - 0,724

2/14/2013

	Apache Corpora	tion
Co. Rep	Observe	
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'



PBTD: 5,280'

TD: 7,695'

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 perfs sqz'd w/200 sx cmt
5,700'	CIBP capped w/35' cmt
5,750'-5,950'	Blinebry perfs sqz'd w/400 sx cmt
6,860'	CIBP capped w/35' cmt

5,900' - 5,920' (200 holes)

CIBP @ 6,860'

AB: OH 6,919' - 7,517'

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



OFFICIAL SEAL gussie black Notary Public State of New Mexico

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

EGAL NOTICE

Apache Corporation

303 Veteràns Airpark Lane, Suite 3000, Midland, Texas 79705; to the Oil Conservation of the State of New Mexico, and the Commissioner of Rublic Lands; State of New Mexico for approval to convert the East Blinebry Drinkard, Unit #19, 22; 28; as injection wells. Injection into these wells is designed to enhance production from the East Blinebry Drinkard Unit! These wells are in the following locations in tea County New Mexico

	ARABI A DECEMBER	Unit	1. 2013 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	我们的"你"的意思。
Well#	Sec-Town-Range	Letter	nace Location	Bottom Hole Location
1	THE PARTY AND THE	. 18 P	Charles Arriag	
19·	11-21S-37E	H 1980	ENIL' & ววิกา EE	1980 FNL & 330 FEL
22	11-21S-37F	P 660	LEGI & 330 EEI	660' FSL-& 330' FEL
28	12-21S-37E			
(20	12-210-07	U ,, -, -, 3 330;	FINE GOOD FIVE	330 FNL & 660 FWL

Produced water from the East Blinebry Drinkard Unit will b Blinebry - Tubb - Drinkard pool of the North Eurice 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 2100 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 of requests for hearing with the Oil Conservation Division, 1220 South St Francis, Santa Fe, NM 87505, Within 15 days of this notice.

67110201

00110456

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

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. Article Addressed to: MCNEU Ranch Attn: Page Meneil	A. Signature A. Addressee B. Received by (Printed Name) C. Date of Delivery 3-6-13 D. Is delivery address different from item 1? If YES, enter delivery address below: I No 3. Service Type	- :	
P.O. BOX 1092 Hobbos , NM 88211	Certified Mail	. . .	
(Transfer from service label) 7012 5			•
S FORM OD 11, PEDIDARY 2004 Edited to	annicospi.		3.0
United States Postal Service	First-Class Mail Postage & Fees Paid USPS Permit No. G-10		11.
Sender: Please print your nan	ne, address, and ZIP+4 in this box °		
Apache Corpor Attn: Kelsey Giri 303 vetwans Ai Suite 3000 Midland. Tx	sham rparklane		
իրվարարդիկում		! :	
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	TO KEN STEETING SECTION ON DELIVERY
SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
© Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.	A. Signature
Print your name and address on the reverse	Addressee!
so that we can return the card to you. Read Attach this card to the back of the mailpiece.	B. Received by (Printed Narthe) C. Date of Delivery
or on the front if space permits.	D. Is delivery address different from item 12 Yes
1. Article Addressed to:	If YES, enter delivery address below:
Journes 4 Bryant	
Journes 4 Bryant 8204 Indigocourne	
· Albuquerque MM 87122	3. Service Type
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2. Article Number 7012 25	20 0001 7826 0322
(Transfer from service label)	
PS Form 3811, February 2004 Domestic Rei	turn Heceipt
United States Postal Service	
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	USPS Permit No: G-10
 Sender: Please print your name, 	address, and ZIP+4 in this box •
Abach Corporatio	n
Attn Kelsey Gun	
TAIN PEISCY OUT	3/40/2
303 Veterans Air Suite 3000	purclane
Suite 3000	ř.
Midland, Tx -	19705
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Tophie (mada dinde)	

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ークイン Injection Permit Check	(list: Received 4/10	First Email Date:	Final	Reply Date: S	uspended?:	<i>f</i> =
Issued Permit: Type WFX PM	/IX / SWD Number:	909 Permit	Date: 05/	Legacy Permits	or Orders: $R - 123q$	t 7m
Well No.#19 Well Name(s	East Blue				WFX-96	4 (3
API: 30-0 25 - 06480	,	Ou V	7	UIC CIT Primacy	March 7, 1982) #10	19
Footages 1980 FNL/	,		_	5 Rge 37E Co		
General Location: ~ 4 mile	S NE of Eu	nice Pool:	Blinebra	1/prinkard	Pool No. 6660/19	192)
Operator: Apache	U		OGRID: _	7' -	Pann Steed	770
COMPLIANCE RULE 5.9: Inactiv	1	uWells: 2764 Find		_	_ IS 5.9 OK?	
Well File Reviewed: Current				•	•	_
Planned Rehab Work to Well:	· .	~ /	18-3	et paeker		
Well Diagrams: Proposed B			Are Eloas in Ir	naging?: Ves		
	Sizes (in)	Setting	Stage	Cement	Cement Top and	
Well Construction Details:	Borehole / Pipe	Depths (ft)	Tool	Sx or Cf	Determination Method	
Plannedor ExistingCond			1 1/4			ł
Planned or Existing Surface	1334 1034	0-2lda	UA	250	Cure to surf	
Planned_or ExistingInterm	47/8/73/8	0-2955	L NA	Russ 1546	Circ. to surf	
Planned_or Existing_LLongSt	77/8/51/z	2763 5920)N/K (17	03 hay 425	GR-Senic	1/17/
Planned_or Existing Liner	7%14"	5918-12741	NA 50	1-68 40	Cake.	1165
Planned_or Existing LOH /PERP	779/40	5616-6744	NA	Completion/	Ops Details:	
Injection Formation(a)	Depths (ft)	Formation	Tops?	Drilled TD 6775		
Injection Formation(s): Above Top of Inject Formation	1 =	Son Andres	4015	Open Hole or	Perfs_X/	
Above Top of Inject Formation		Gloriete	5274	Tubing Size 23/8 II	nter Coated? Yes	
Proposed Interval TOP:	CONTROL SHOWERS AND THE STATE OF THE STATE O	Blacom	5660	Proposed Packer Depth		see
Proposed Interval BOTTOM:		Drinkand		Max Packer Depth <u>·</u> Z		
Below Bottom of Inject Formation		1 2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	_	Proposed Max. Surface		292
Below Bottom of Inject Formation				Calc. Injt Press 112		
AOR: Hydrologic	c and Geologic Inf	ormatiøn		Galc: FPP <u>2875</u> _	(0.65 psi per ii)	SRT)
POTASH [R-111-P] Noticed	(—	<u> </u>	<i>j</i> · ——	ot <u>2510</u> cLIFF HOUSI	<u> </u>	
Fresh Water: Max Depth: 136	FW Formation	Muvial Wells?	2 Analysis	s? <u>//</u> HydrologicAffirm\$	Statement /	
Disposal Fluid: Formation Source	ce(s) Sane f	irmatax	_On Lease_	paly from Operator	_or Commercial	
Disposal Interval: Protectable Waters? CAPITAN REEF: in thru butside of						
H/C Potential: Producing Interval? Water of the Producing of Blinday Log Mudlog ST/Depleted/Other How Order						
AOR Wells: 1/2-M Radius Map? Well List? Total No. Wells Penetrating Interval:						
Penetrating Wells: No. Active W	Vells 23 Num Repairs?	on which well(s)?	7-10/1	to Lahaus	_Diagrams?	
Penetrating Wells: No. P&A We	lls 6 Num Repairs?_	on which well(s)? _	5 well mos	list shows It are EBDUM		,
NOTICE: Newspaper Date 03	05/ Mineral Owner	^ 4 / -	urface Owner		N. Date 03/06	13
RULE 26.7(A): Identified Tracts	Affected Persons	s: /pache/ 3	lames 13	ryent	N. Date <u>03/07//</u> _	В
Permit Conditions:				U .	1	bl
Issues: Two feet 5/13/2013	s overlap f	Page 1 of 1	ith Long		ed CUTONI Desel (st V5.xls/ReviewersList	file

Injection Permit Check	$\frac{4}{\text{Klist: Received}} 04/10$	/First Email Date:	Final	Reply Date:S	uspended?:	,
Issued Permit: Type WFX) PM	(•	· •	احد	. 1	or Orders:R-1239	4
Well No. #22 Well Name(s	East Blin	ebru Drinkar	l Unit	(EBDU) R	merly Lookha	t.
API: 30-0 25 - 06528	, -			(UIC CI II Primacy	Bー[] March 7, 1982)	#3
, ,	30 FWL Lot		тsp. 219	Rge <u>37W</u> co		
1 -	Miles NEG		Drinkan	4,	idelo0/19191	7)
Operator: Apache	Caro	7 001	 OGRID:	873) Contact: D	arain Stead	
•	3 -	IWells: 2764 Fincl			15 5.9 OK? 18	•
COMPLIANCE RULE 5.9: Inactiv	•			oduar	_ 15 5.9 UK !	
Well File Reviewed: V Current	_ '	_	, Y	A	vall in a	
Planned Rehab Work to Weil:		/ / /		ction-add a	ven injection	
Well Diagrams: Proposed B	efore ConversionA	After Conversion/A	re Elogs in Ir	maging?: <u>4e.s</u>		•
Well Construction Details:	Sizes (in) Borehole / Pipe	Setting Depths (ft)	Stage Tool	Cement Sx or Cf	Cement Top and Determination Method	
Planned _or Existing _Cond	Addition of the second					
Planned _or Existing Surface	1214/85/8-	0-1400		勺5 0	Swifae	
Planned_or ExistingInterm	——————————————————————————————————————	-				
Planned_or Existing LongSt	1/8 /5 /2	0-5,849		3200	luc.	
Planned_or Existing Liner	<u> </u>					Ì
Planned_or.Existing_OH_PERF) existing 5%	580-3800		Completion/		
Injection Formation(s):	Depths (ft)	Formation	Tops?	Drilled TD <u>5900</u>	· ·	l
Above Top of Inject Formation		Sin Andres	3995	Open Hole or Tubing Size 2 3/8. Ir	Perfs_ /	
		1 / 1		Tubing Size	iter Coaleu?	
Above Top of Inject Formation		Galarceta.	5242	Proposed Packer Denth	5600	
Proposed Interval TOP:	5640	Blinebry	5700%	Proposed Packer Depth May Packer Depth 5		
Proposed Interval TOP: Proposed Interval BOTTOM:		The second secon		Max Packer Depth _5	540 (100-ft limit)	(C)
Proposed Interval TOP: Proposed Interval BOTTOM: Below Bottom of Inject Formation	5640	Blinebry		Max Packer Depth _5_ Proposed Max. Surface	540 (100-ft limit) Press 1 160	Γ.
Proposed Interval TOP: Proposed Interval BOTTOM: Below Bottom of Inject Formation Below Bottom of Inject Formation	5640 5883 -	Blinebry Drinkard —		Max Packer Depth _5	540 (100-ft limit) Press 160 (0.2 psi per ft)	Γ.
Proposed Interval TOP: Proposed Interval BOTTOM: Below Bottom of Inject Formation Below Bottom of Inject Formation AOR: Hydrologic	5640 5883 ——————————————————————————————————	Blinebry, Drinkers	57007. - -	Max Packer Depth _5 Proposed Max. Surface Calc. Injt Press _1 2 Catc. FPP _2875	540 (100-ft limit) Press 7160 (0.2 psi per ft)	Γ.
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Injection Permit Chec	13 		Final	Renty Date:	Suspended?:	·
Injection Permit Checklist: Received 4/60/3 First Email Date:Final Reply Date:Suspended?:Suspended?:						
Well No. 428 Well Name(s		nebry Drink			[Lockhart B-12	
API: 30-0 <u>25 - 665</u> 36				(UIC CI II Primacy	March 7, 1982)	لس
	1 Color Fellen	Unit D Sec 12			ounty Lea	
		Eunice Pool:	_ ^		Pool No.: Lelelo/	
Operator: Apache	Corporation	_	_OGRID: _	O LOIM MOOD	Darin Star 19190)
COMPLIANCE RULE 5.9: Inactiv	ve Wells: 3 Tota		Assur: 0	Compl. Order?	_ is 5.9 ок? <u>Ves</u>	
Well File Reviewed: Current		f			of but PB	
Planned Rehab Work to Well: _	_	, ,	•		590-6925	
	Before Conversion	/	•	CZ -	(Note 1950 - wro	my
	Sizes (in)	Setting	Stage	Cement	Cement Top and	out of
Well Construction Details: Plannedor ExistingCond	Borehole / Pipe	Depths (ft)	Tool	Sx or Cf	Determination Method	100)
		a abe				
Planned _or.ExistingSurface		0-275/		<u> </u>	Oir 40 Suff	
Planned_or ExistingInterm	12/19/8	0-3149	T-MACONES-21 ma	57	Cir to Suff	
Planned or Existing LongSt	83/4/7	0 - 8268		- 920 - 1	Cir to Suf	
Planned_or Existing Liner		CPB to 6550		940310	Cement Login 19	165
Planned or Existing OH / PERF	in Tadd	5,904-4950		Completion	/Ops Details:	BP
Injection Formation(s):	Depths (ft) 564)ー・Formation (の名)	Tops?	Drilled TD <u>8268</u>	_ PBTD <u>6540</u> 2 dt	6550
Above Top of Inject Formation				Open Hole or	Perfs,×	
Above Top of Inject Formation				Tubing Size 23/8	nter Coated?	
Proposed Interval TOP:	5440	Bluebras		Proposed Packer Depti	1 5600	M
Proposed Interval BOTTOM:	6825	Drinkar		Max Packer Depth		بالأكار
Below Bottom of Inject Formation			-	Proposed Max. Surface	1 7	ja V
Below Bottom of Inject Formation	<u> </u>			Calc. Injt Press		<u></u>
1 1	c and Geologic Info	• •	-	-Oatc: FPP		1
POTASH [R-111-P] Noticed		f _		otCLIFF HOUS		
Fresh Water: Max Depth: 136		•		_	1	
Disposal Fluid: Formation Source(s)						
Disposal Interval: Protectable Waters? Nove CAPITAN REEF: in N thrul outside of N						
H/C Potential: Producing Interval? Wolf Formerly Producing? Method: E/Log Mudlog/DST/Depleted/Other Heart Management of the Potential Producing Ma						
AOR Wells: 1/2-M Radius Map? Well List? Total No. Wells Penetrating Interval:						
	np? Well List?	Total No. Wells	Penetrating I	. V 00	-5 locuturs No Welly Diagrams?	
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Penetrating Wells: No. Active V	wells 26 Num Repairs? Wells 3 Num Repairs?	Total No. Wells on which well(s)? on which well(s)?	Penetrating I	nterval: <u>24 29</u>	-5 locutions No Welly Diagrams?	
Penetrating Wells: No. Active V	Well List?	Total No. Wells on which well(s)? on which well(s)? Su	Penetrating I	nterval: <u>24 29</u>	-5 locutions No Well Diagrams?	
Penetrating Wells: No. Active Venetrating Wells: No. P&A Wells: No. PA Wells: No.	Well List?	Total No. Wells on which well(s)? on which well(s)? frank Su s:	Penetrating I	nterval: <u>24 29</u>	-5 locutions No Well Diagrams? 16 Diagrams? 16 N. Date 03/06/13	
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