

WFX-857

DATE IN <u>11/20/09</u>	SUSPENSE	ENGINEER <u>Warmill</u>	LOGGED IN <u>11/20/09</u>	TYPE <u>WFX</u>	PT6W APP NO. <u>0932454411</u>
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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



Apache

WBOU # 137

ADMINISTRATIVE APPLICATION CHECKLIST

30-075-39574

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 _____

West Blinberry
 Drinkard WF
 Unit
 R-12981

[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

WFX 752
 WBOU (37346)

[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.

<u>Kevin Mayes</u> Print or Type Name	<u>Kevin Mayes</u> Signature	<u>Engr. Advisor</u> Title	<u>11/20/09</u> Date
<u>Kevin.mayes@apachecorp.com</u> e-mail Address			

Warnell, Terry G, EMNRD

From: Jones, William V., EMNRD
Sent: Friday, November 20, 2009 2:50 PM
To: Warnell, Terry G, EMNRD
Cc: Mayes, Kevin
Subject: FW: Administrative Application - Authorization to Inject - Proposed WBDU 137 new drill
Attachments: WBDU 137 C-108 scan.pdf; WBDU 137 c108 spreadsheet 11-08-09.xls

Mister Terry:

Forwarding this from Kevin at Apache. This looks like a "Waterflood Expansion" type of application.

From: Mayes, Kevin [mailto:Kevin.Mayes@usa.apachecorp.com]
Sent: Friday, November 20, 2009 9:52 AM
To: Jones, William V., EMNRD
Cc: Jones, Curt; Vashler, Jay; Mackay, Sophie; Hanson, Michelle; McGowan, Michael; Barnes, Keevin; Sullivan, Tim
Subject: Administrative Application - Authorization to Inject - Proposed WBDU 137 new drill

30-025-39574

Mr. Jones,

Please find attached Apache Corporations application to inject water into our yet to be drilled WBDU #137. I hope you find all the information to be complete. A hard copy of the application will be mailed to you early next week. Apache is in the process of fulfilling the notification portion of the application with publication being sent to the Lovington Ledger and letters being sent to Millard Deck Estate, c/o Bank of America, as surface owner and one offset operator, Mirage Energy Incorporated. Proof of publication and return receipts will be forwarded as soon as we receive them.

Apache very much appreciates your attention to this matter. If you have any questions or need further information do not hesitate to reply to this e-mail or call me at the below number.

Respectfully,

Kevin Mayes
Senior Engineering Advisor
Apache Corporation
6120 S. Yale, Suite 1500
Tulsa, OK 74136
918-491-4972
kevin.mayes@apachecorp.com

This inbound email has been scanned for malicious software and transmitted safely to you using Webroot Email Security.

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: 6120 S. Yale Ave., Suite 1500, Tulsa, OK 74136
CONTACT PARTY: Kevin Mayes PHONE: 918-491-4972
- ✓ 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-12901
- ✓ 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: Kevin Mayes TITLE: Engr. Advisor
SIGNATURE: Kevin Mayes DATE: 11/20/09
E-MAIL ADDRESS: Kevin.Mayes@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: _____

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

INJECTION WELL DATA SHEET

30-025-39574

OPERATOR: Apache Corporation

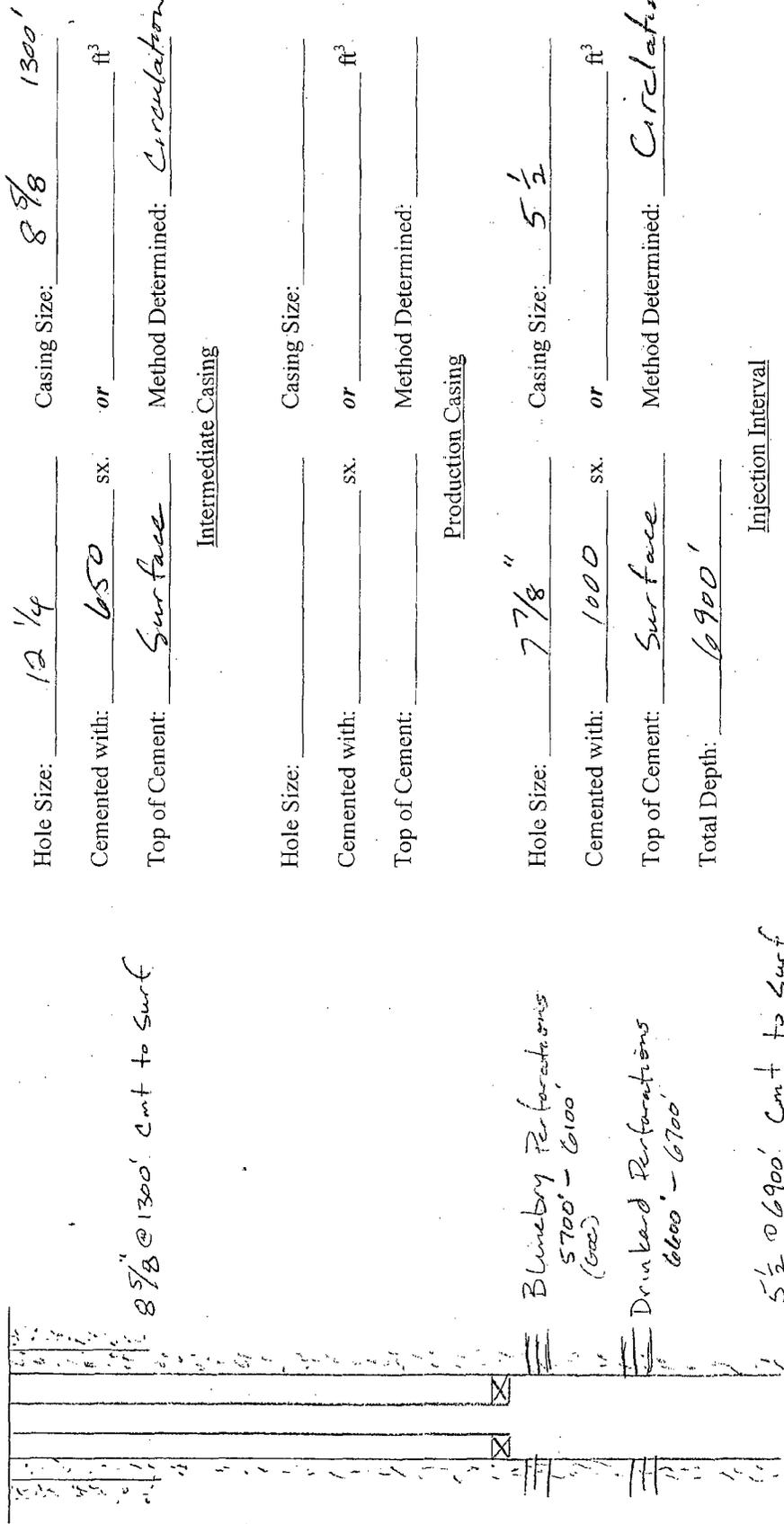
WELL NAME & NUMBER: Proposed New Well WBDU #137

WELL LOCATION: 680 FSL, 2130 FEL UNIT LETTER: W or SECTION: 4 TOWNSHIP: 21S RANGE: 37E

FOOTAGE LOCATION: FOOTAGE LOCATION SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA



INJECTION WELL DATA SHEET

Tubing Size: 2 7/8 Lining Material: Plastic Coated
Type of Packer: Dual Grip
Packer Setting Depth: 5510'
Other Type of Tubing/Casing Seal (if applicable): _____

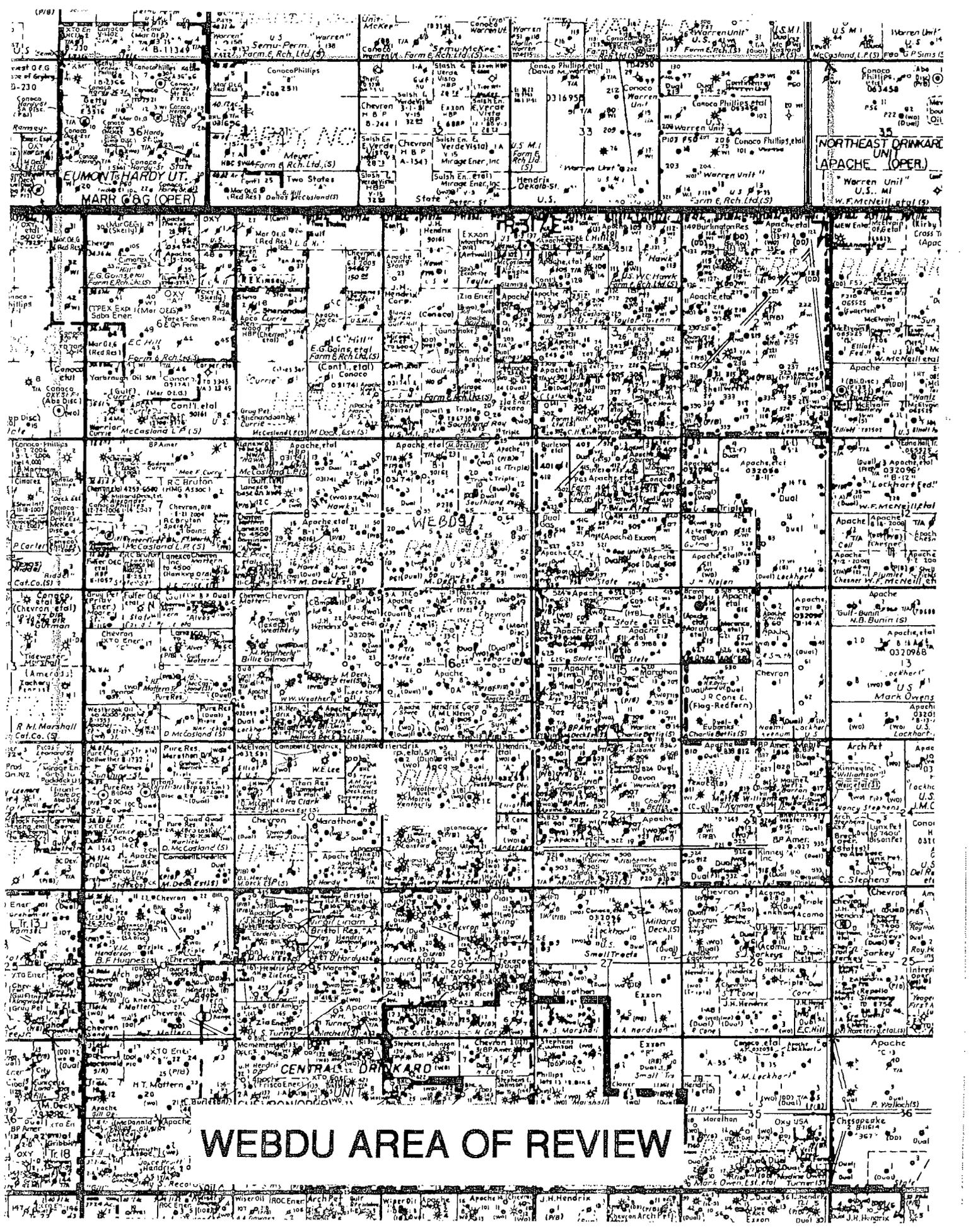
Additional Data

1. Is this a new well drilled for injection? Yes No
If no, for what purpose was the well originally drilled? _____

2. Name of the Injection Formation: Bluebry and Drinkard
3. Name of Field or Pool (if applicable): North Eunice Bluebry-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. N.A.

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:
Above - San Andres 4300'
Below - Abo 7200'

OPERATOR	LEASE NAME	INJ WELL #	LOCATION	FOOTAGE	TYPE	API	SPUD DATE	TD	CONSTRUCTION	TOP OF CEMENT	COMPLETIONS & COMMENTS
Apache Corporation	WBDU	34	9 21S 37E	660 FNL, 1980 FWL	OIL	3002509600001	02/16/48	6782	13 3/8 @ 295 CMT W / 200 SX, 9 5/8 @ 273 CMT W / 500 SX, 1 @ 6781 CMT W / 500 SX	3550	05/48 chg @ 6724, 6668 - 6676 & 6730-6730
Apache Corporation	WBDU	5	9 21S 37E	1980 FNL, 1980 FEL	OIL	30025094420000	07/07/47	7565	13 3/8 @ 248 CMT W / 300 SX, 9 5/8 @ 360 CMT W / 1900 SX, 7 @ 6884 CMT W / 800 SX, 4 1/2 @ 6385 - 7000 W / 144 SX	5175	09/47 5555 - 6675 0764 5778 - 6085
Apache Corporation	WBDU	6	9 21S 37E	1980 FNL, 1980 FEL	OIL	30025094420000	01/01/54	6154	13 3/8 @ 225 CMT W / 300 SX, 9 5/8 @ 140 CMT W / 700 SX, 7 @ 6740 CMT W / 3000 SX	1272	5684 - 5758 0182 run liner @ 6622 - 6643
Apache Corp	Southland Royalty	4	4 21S 37E	660 FSL 660 FEL	OIL	30025083356	10/12/1951	6750	13 3/8 @ 305 CMT W / 300 ex @ 5/8 @ 2905 cmt w / 375 ex 5 1/2 @ 6748 cmt w / 400 ex	2736	1151 6595-6655 454 6176-6392
Apache Corporation	WBDU	8	4 21S 37E	1980 FSL 660 FEL	OIL	3002509370000	04/01/54	6756	13 3/8 @ 312 CMT W / 300 SX, 8 5/8 @ 285 CMT W / 300 SX, 5 1/2 @ 6755 CMT W / 180 SX	5425	1152 5640 - 6652 0454 5702 - 5970
Apache Corporation	WBDU	10	9 21S 37E	660 FNL 660 FEL	OIL	30025094420000	05/08/62	8482	9 5/8 @ 1331 CMT W / 580 SX, 7 @ 7160 CMT W / 1040 SX, 5 1/2 @ 6482 CMT W / 700 SX	Surface	08/62 5819 - 5950 & 6590-6616 3172 5665-5760
Apache Corporation	WBDU	11	4 21S 37E	660 FSL, 1980 FEL	P&A	3002509600000	12/01/62	6703	9 5/8 @ 1347 CMT W / 580 SX, 7 @ 6703 CMT W / 580 SX	2450	05/63 5837-5984, 6229-6327, 6617-6649 & fine 273 add 5685-5783
Apache Corporation	WBDU	1	4 21S 37E	3300 FSL, 1980 FEL	OIL	30025094420000	4/7/1980	6010	12 3/4 @ 114 CMT W / 175 SX, 8 5/8 @ 3204 CMT W / 2300 SX, 5 1/2 @ 5800 CMT W / 700 SX	Surface	04/96 5740 - 5836 160
Apache Corporation	WBDU	2	4 21S 37E	3400 FSL, 1980 FEL	OIL	30025098110000	3/10/2005	6900	8 5/8 @ 1254 CMT W / 691 SX, 5 1/2 @ 6903 CMT W / 1650 SX	153	03/07 5656 - 6766 & fine
Apache Corporation	WBDU	4	4 21S 37E	1330 FSL, 1440 FEL	OIL	30025093200000	2/6/2007	6975	8 5/8 @ 1322 CMT W / 690 SX, 5 1/2 @ 6975 CMT W / 1900 SX	Surface	12/82 5628 - 6680
Apache Corporation	WBDU	22	4 21S 37E	660 FSL, 660 FWL	OIL	30025093800000	10/9/1962	6778	8 5/8 @ 1295 CMT W / 690 SX, 5 1/2 @ 6778 CMT W / 700 SX	1182	5681 - 6680, 5691 - 5751 (fine)
Apache Corporation	WBDU	29	9 21S 37E	1310 FNL, 1310 FWL	OIL	30025093940000	11/6/2007	6665	8 5/8 @ 1287 CMT W / 660 SX, 5 1/2 @ 6665 CMT W / 1800 SX	3350	04/48 6700 - 6720, deepen to 6775
Apache Corporation	WBDU	7	4 21S 37E	660 FSL, 1650 FWL	OIL	30025093950000	2/19/1948	6730	16 @ 512 CMT W / 300 SX, 10 3/4 @ 1364 CMT W / 715 SX, 5 1/2 @ 6778 CMT W / 900 SX	1161	plug @ 5688, 6338 - 6688
Apache Corporation	WBDU	12	9 21S 37E	1210 FNL, 1470 FEL	OIL	30025093400000	9/27/2003	6800	8 5/8 @ 1285 CMT W / 800 SX, 5 1/2 @ 6900 CMT W / 1275 SX	Surface	01/04 5984 - 6688 & fine
Apache Corporation	WBDU	13	4 21S 37E	130 FSL, 1270 FEL	OIL	30025095140000	8/7/2003	6900	8 5/8 @ 1286 CMT W / 700 SX, 5 1/2 @ 6900 CMT W / 1100 SX	Surface	12/03 5688 - 6672 & fine
Apache Corporation	WBDU	14	9 21S 37E	1330 FNL, 2310 FEL	OIL	30025093700000	2/16/2005	6900	8 5/8 @ 1218 CMT W / 575 SX, 5 1/2 @ 6900 CMT W / 1100 SX	Surface	06/05 5637 - 6943 & fine
Apache Corporation	WBDU	15	4 21S 37E	1310 FSL, 430 FEL	OIL	300250937030000	3/4/2005	6950	8 5/8 @ 1172 CMT W / 575 SX, 5 1/2 @ 6950 CMT W / 1150 SX	Surface	08/05 5691 - 5948 & fine
Apache Corporation	WBDU	17	4 21S 37E	2310 FSL, 350 FEL	OIL	300250937460000	10/17/2005	7297	8 5/8 @ 1185 CMT W / 575 SX, 5 1/2 @ 7297 CMT W / 1400 SX	Surface	02/06 5675 - 6684 & fine
Apache Corporation	WBDU	18	4 21S 37E	145 FSL, 2650 FEL	OIL	30025092810000	3/26/2007	6950	8 5/8 @ 1282 CMT W / 575 SX, 5 1/2 @ 6950 CMT W / 1650 SX	Surface	03/07 5680 - 6766 & fine
Apache Corporation	WBDU	19	4 21S 37E	145 FSL, 1465 FWL	OIL	30025095160000	2/21/2007	6950	5 1/2 @ 1037 CMT W / 575 SX, 5 1/2 @ 6950 CMT W / 1100 SX	1750	04/07 5682 - 6612 & fine
APACHE CORP	WBDU	3	4 21S 37E NW NW SE	2630 FSL 2310 FEL	OIL	30025093800000	7/12/2006	7055	8 5/8 @ 1305 cmt w / 550 ex, 5 1/2 @ 7055 cmt w / 1250 ex	Surface	6/06 5714-6766
Western Oil Fields	Split Hill	4	4 21S 37E	1980 FSL, 1980 FWL	P&A	30025127590000	7/13/1963	7456	16 @ 2719 CMT W / 335 SX, 10 3/4 @ 2640 CMT W / 1344 SX, (B) 2716 @ 7215 CMT W / 900 SX	3740	02/64 5717 - 6799 & fine
MIRAGE ENERGY INC	GULF HILL	5	4 21S 37E	1650 FSL 2310 FWL	OIL-WO	30025094720001	11/19/1965	7250	8 5/8 @ 1287 CMT W / 700 SX, 5 1/2 @ 7248 CMT W / 1900 SX	04/67	7630 - 7636
APACHE CORP	HAWK A 4	4	4 21S 37E	1650 FSL 660 FWL	OIL-WO	30025093720000	11/8/2006	7056	8 5/8 @ 1288 CMT W / 800 SX, 5 1/2 @ 7050 CMT W / 1350 SX	Surface	02/86 5559 - 6714 06/86 5641 - 5913
APACHE CORP	GULF HILL	1	4 21S 37E C NW SE	1980 FSL, 1980 FEL	OIL-WO	30025094010001	5/9/1954	5974	13 3/8 @ 150 cmt w / 190 ex, 8 5/8 @ 2953 cmt w / 800 ex, 5 1/2 @ 5934 cmt w / 350 ex	Surface	03/07 5734 - 6846 & fine 2740 5744 6652-6819
APACHE CORP	NORTHEAST DRINKARD UNIT	302	2 21S 37E	660 FSL, 330 FWL	OIL	30025065160000	11/8/1962	6660	13 3/8 @ 218 CMT W / 250 SX, 8 5/8 @ 3168 CMT W / 2200 SX, 5 1/2 @ 6688 CMT W / 200 SX	1200	BP 5600 3897-4019
APACHE CORP	NORTHEAST DRINKARD UNIT	341	2 21S 37E	1330 FSL, 330 FWL	OIL	300250938140000	6/4/2007	6906	8 5/8 @ 1318 CMT W / 575 SX, 5 1/2 @ 6906 CMT W / 1400 SX	Surface	06/07 5633 - 6728 & fine
APACHE CORP	NORTHEAST DRINKARD UNIT	418	10 21S 37E	150 FNL, 160 FWL	OIL	30025093870000	10/11/2003	6900	8 5/8 @ 1327 CMT W / 800 SX, 5 1/2 @ 6900 CMT W / 1250 SX	Surface	12/03 6132 - 6694 & fine
											102 BP @ 4150, 3768-3885 1005 CIBP @ 3777, mill window & hex 3725-5653 5388 01/62 6648 - 6658 Surface 06/07 5633 - 6728 & fine Surface 12/03 6132 - 6694 & fine



WEBDU AREA OF REVIEW

NORTHEAST DRINKAR UNIT (OPER.)

Warren Unit
U.S. MI
W.F. McNeill et al (S)

CENTRAL DRINKAR UNIT

EUMONT HARDY UT.
MARR GAG (OPER)

NEW ENR...
Cross T...
Apac...

Apac...
Lockhart Fea...
W.F. McNeill et al

APACHE CORPORATION

LEA CO., NM EUNICE AREA

WBDU - West Blinebry Drinkard Unit

SLRA - Southland Royalty 'A'

21S-37E



POSTED WELL DATA

Lease

Lease Nbr

WELL - TD

WELL SYMBOLS

- Oil Well
- Gas Well
- Oil & Gas Well
- Dry Hole
- Injection Well
- Abandoned Oil Well
- Suspended Oil Well

November 20, 2009

21S-37E

Hawk-Fdl. B-4

5,993

EXXON FEE

7,100

NEDU

6,924

Taylor Glenn

6,870

EC HILL

6,050

HILL

6,390

Livingston # 12

Livingston # 13

6,700

NEDU 8,156

7,000

NEDU

6,900

Livingston # 10

7,438

Livingston

Livingston #

7,688

6,880

6,734

NEDU

6,955

WBDU

6,955

EASTLOC

6,665

Gulf Hill

6,010

WBDU

WBDU

6,900

WBDU

3

7,055

Gulf Hill

5,974

WBDU

8

7,267

6,756

Hawk A-5

7,025

Hawk

A-4

#4

7,050

Gulf Hill

4

7,450

Gulf Hill

5

7,250

#137

Replacement for #11

WBDU

WBDU

6,706

WBDU

4

6,975

WBDU

#17

6,950

SLRA

4

6,750

NEDU

341

6,906

NEDU

392

6,690

Hawk A-5

7,500

WBDU

22

6,770

WBDU

7

6,730

WBDU

#19

6,990

WBDU

#18

6,950

WBDU

13

6,900

WBDU

#10

6,867

NEDU

419

6,870

WBDU

27

6,955

WBDU

26

6,980

WBDU

28

6,950

Hawk 'A'

6,819

WBDU

20

6,735

WBDU

21

6,686

WBDU

32

6,675

WBDU

31

6,945

WBDU

54

6,900

WBDU

53

6,885

WBDU

30

7,005

WBDU

55

6,975

WBDU

35

6,689

WBDU

36

6,707

WBDU

33

6,693

WBDU

42

6,780

WBDU

46

7,384

WBDU

48

6,950

WBDU

WC Hawk-Fdl. B-8

6,722

WBDU

40

6,758

WBDU

39

6,745

Hawk B-9

7,530

WBDU

38

6,758

WBDU

37

6,724

WBDU

51

6,895

WBDU

52

6,670

WBDU

70

6,925

WBDU

63

6,845

State 10 #2

NEDU

7,505

6,889

NEDU

7,922

V State

NEDU

5,996

6,830

NEDU

6,862

N. MEXICO

7,938

NM Stat

6,851

7,938

6,851

7,938

6,851

7,938

6,851

6,850

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address APACHE CORP 6120 S. YALE TULSA, OK 74136		2. OGRID Number 873
		3. API Number 30-025-39574
4. Property Code 37346	5. Property Name WEST BLENBRY DRINKARD UNIT	6. Well No. 137

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	4	21S	37E	O	680	S	2130	E	LEA

8. Pool Information

EUNICE,BLI-TU-DR, NORTH	22900
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Additional Well Information

9. Well Type New Well	10. Well Type OIL	11. Cable Rotary	12. Lease Type Private	13. Ground Level Elevation 3471
14. Multiple N	15. Proposed Depth 6900	16. Formation Drinkard	17. Contractor	18. Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Linear Synthetic <input type="checkbox"/> mils thick Clay <input type="checkbox"/> Pit Volume: bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	24	1300	650	0
Prod	7.875	5.5	17	6900	1000	0

Casing/Cement Program: Additional Comments

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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	2000	2000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	OIL CONSERVATION DIVISION Approved By: Paul Kautz Title: Geologist Approved Date: 11/23/2009 Expiration Date: 11/23/2011
Printed Name: Electronically filed by Lana Williams	
Title: Engineering Tech	
Email Address: lana.williams@apachecorp.com	
Date: 11/18/2009 Phone: 918-491-4900	

DISTRICT I
1825 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W. Grand Avenue, Artesia, NM

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

RECEIVED
NOV 18 2009
HOBSOCD

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-025-39574	Pool Code 22900	Pool Name Eunice Blinberry-Tubb-Drinkard North
Property Code 37346	Property Name WEST BLINBERRY DRINKARD UNIT	Well Number 137
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3471'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	4	21 S	37 E		680	SOUTH	2130	EAST	LEA

Bottom Hole Location if Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
------------------------------	-----------------	--------------------	-----------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

1/4 COR LOT 12	LOT 11	LOT 10	LOT 9	1/4 COR
LOT 13	LOT 14	LOT 15	LOT 16	
L	K	J	I	
m	n	o	p	

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or retained mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

[Signature] **11-16-09**
Signature Date

Carl Jones
Printed Name

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.

NOVEMBER 16 2009
Date Surveyed

[Signature]
Signature & Seal of Professional Surveyor

Certificate No. Gary L. Jones 7977

BASIN SURVEYS

SURFACE LOCATION
 Lat - N 32°30'09.25"
 Long - W 103°09'58.98"
 NMSPC - N 548534.274
 E 901101.603
 (NAD-83)

District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S St. Francis Dr., Santa Fe, NM 87505

RECEIVED State of New Mexico
Energy Minerals and Natural Resources
Department
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505
NOV 18 2009
HOBBSOCD

Form C-144 CLEZ
July 21, 2008

For closed-loop systems that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, submit to the appropriate NMOC District Office.

Closed-Loop System Permit or Closure Plan Application

(that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)

Type of action: Permit Closure

Instructions: Please submit one application (Form C-144 CLEZ) per individual closed-loop system request. For any application request other than for a closed-loop system that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, please submit a Form C-144.

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1.
Operator: Apache Corporation OGRID #: 873
Address: 6120 S. Yale Ave., Suite 1500 Tulsa, Oklahoma 74136
Facility or well name: West Blincbry Drinkard Unit No. 137
API Number: 30-025-39574 OCD Permit Number: P1-01512
U/L or Qtr/Qtr O Section 4 Township 21-S Range 37-E County: Lea
Center of Proposed Design. Latitude 32°30'09.25" N Longitude 103°09'58.98" W NAD: 1927 1983
Surface Owner: Federal State Private Tribal Trust or Indian Allotment

2.
 Closed-loop System: Subsection H of 19.15.17.11 NMAC
Operation: Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) P&A
 Above Ground Steel Tanks or Haul-off Bins

3.
Signs: Subsection C of 19.15.17.11 NMAC
 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers
 Signed in compliance with 19.15.3.103 NMAC

4.
Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.
 Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
 Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
 Closure Plan (Please complete Box 5) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
 Previously Approved Design (attach copy of design) API Number: _____
 Previously Approved Operating and Maintenance Plan API Number: _____

5.
Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.D NMAC)
Instructions: Please identify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilities are required.
Disposal Facility Name: Sundance Incorporated Disposal Facility Permit Number: NM-01-0003
Disposal Facility Name: CRI Disposal Facility Permit Number: NM-01-0006
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future service and operations?
 Yes (If yes, please provide the information below) No
Required for impacted areas which will not be used for future service and operations:
 Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
 Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC
 Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

6.
Operator Application Certification:
I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.
Name (Print): David Catanach Title: Agent for Apache Corporation
Signature: David Catanach Date: 11/17/2009
e-mail address: drcatanach@netscape.com Telephone: (505) 690-9453

7. **OCD Approval:** Permit Application (including closure plan) Closure Plan (only)

OCD Representative Signature: _____ Approval Date: 11/23/09

Title: PETROLEUM ENGINEER OCD Permit Number: P1-01512

8. **Closure Report (required within 60 days of closure completion):** Subsection K of 19.15.17.13 NMAC

Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.

Closure Completion Date: _____

9. **Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:**

Instructions: Please indentify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Were the closed-loop system operations and associated activities performed on or in areas that *will not* be used for future service and operations?

Yes (If yes, please demonstrate compliance to the items below) No

Required for impacted areas which will not be used for future service and operations:

Site Reclamation (Photo Documentation)

Soil Backfilling and Cover Installation

Re-vegetation Application Rates and Seeding Technique

10. **Operator Closure Certification:**

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan

Name (Print): _____ Title: _____

Signature: _____ Date: _____

e-mail address: _____ Telephone: _____

Warnell, Terry G, EMNRD

From: Mayes, Kevin [Kevin.Mayes@usa.apachecorp.com]
Sent: Tuesday, December 15, 2009 8:41 AM
To: Jones, William V., EMNRD; Warnell, Terry G, EMNRD
Cc: Jones, Curt; Vashler, Jay; Mackay, Sophie; Hanson, Michelle; McGowan, Michael; Barnes, Keevin; Sullivan, Tim
Subject: Administrative Application - Authorization to Inject - Proposed WBDU 137 new drill 12-15-09
Attachments: WBDU 137 Notification Confirmation.pdf

Mr. Jones and Mr. Warnell,
My apologies, I can't remember which one of you is working on this.

Please find attached the "green cards" and affidavit of publication associated with Apache's application to inject (form C-108) into the yet to be drilled WBDU #137. Said application was sent to you via e-mail on November 20, 2009 and followed up with a hard copy delivered through the US mail.

I hope this completes all requirements for the application and the Division will deliver an order allowing us to inject water into the WBDU 137 upon it being drilled and completed in the Blinebry and Drinkard formations.

Please call or reply to this email with any questions and thank you in advance,

Kevin

From: Mayes, Kevin
Sent: Friday, November 20, 2009 10:52 AM
To: 'Jones, William V., EMNRD'
Cc: Jones, Curt; Vashler, Jay; Mackay, Sophie; Hanson, Michelle; McGowan, Michael; Barnes, Keevin; Sullivan, Tim
Subject: Administrative Application - Authorization to Inject - Proposed WBDU 137 new drill

Mr. Jones,
Please find attached Apache Corporations application to inject water into our yet to be drilled WBDU #137. I hope you find all the information to be complete. A hard copy of the application will be mailed to you early next week. Apache is in the process of fulfilling the notification portion of the application with publication being sent to the Lovington Ledger and letters being sent to Millard Deck Estate, c/o Bank of America, as surface owner and one offset operator, Mirage Energy Incorporated. Proof of publication and return receipts will be forwarded as soon as we receive them.

Apache very much appreciates your attention to this matter. If you have any questions or need further information do not hesitate to reply to this e-mail or call me at the below number.

Respectfully,

Kevin Mayes
Senior Engineering Advisor
Apache Corporation
6120 S. Yale, Suite 1500
Tulsa, OK 74136
918-491-4972
kevin.mayes@apachecorp.com

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:
 Mirage Energy
 P.O. Box 551
 Lovington, NM 88260

2. Article Number
 (Transfer from service label)

7007 2680 0001 1843 8104

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-15.10

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 X *[Signature]* Agent
 Addressee

B. Received by (Printed Name) C. Date of Delivery

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

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:
 The Millard Deck Estate
 c/o Bank of America, N.A.,
 Trustee of the Millard Deck Test. Trust
 P.O. Box 270
 Midland, TX 79702

ATTN: Tim Wolters

2. Article Number
 (Transfer from service label)

7007 2680 0001 1843 8111

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 X *[Signature]* Agent
 Addressee

B. Received by (Printed Name) C. Date of Delivery

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

for WBDU 137