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May 27, 2014

Case 15159

Florene Davidson
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Dear Florene:

Enclosed for filing, on behalf of BTA Oil Producers, LLC, is an application for a salt water disposal well, together with a proposed advertisement. The advertisement has also been e-mailed to the Division. Please set this matter for the June 26, 2014 Examiner hearing. Thank you.

Very truly yours,

James Bruce

Attorney for BTA Oil Producers, LLC

Persons Notified of Hearing

Bureau of Land Management
620 East Greene
Carlsbad, New Mexico 88220

Oil Conservation Division
1625 North French Drive
Hobbs, New Mexico 88240

Chevron U.S.A. Inc.
Chevron Midcontinent LP
1400 Smith Street
Houston, Texas 77002

Cimarex Energy Co. of Colorado
Suite 600
600 North Marienfeld
Midland, Texas 79701

Endurance Resources LLC
Suite 600
15455 Dallas Parkway
Dallas, Texas 75234

EOG Resources, Inc.
P.O. Box 2267
Midland, Texas 79702

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

RECEIVED OCD

2014 JUN -5 A 7:45

APPLICATION OF BTA OIL PRODUCERS, LLC FOR APPROVAL OF A SALT WATER DISPOSAL WELL, LEA COUNTY, NEW MEXICO.

Case No. 15159

APPLICATION

BTA Oil Producers, LLC applies for an order approving a salt water disposal well, and in support thereof, states:

1. Applicant proposes to convert to injection the 9418 JV-P Vaca Draw Well No. 1, located 1980 feet from the south line and 1980 feet from the west line of Section 10, Township 25 South, Range 33 East, N.M.P.M., Lea County, New Mexico.

2. Applicant proposes to dispose of produced water into the Bell Canyon and Upper Cherry Canyon members of the Delaware formation at depths of 5056-6770 feet subsurface.

3. A Form C-108 for the subject well is attached hereto as Exhibit A.

4. The granting of this application will prevent waste and protect correlative rights.

WHEREFORE, applicant requests that, after notice and hearing, the Division enter its order approving this application.

Respectfully submitted,

James Bruce

James Bruce
Post Office Box 1056
Santa Fe, New Mexico 87504
(505) 982-2043

Attorney for BTA Oil Producers, LLC

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL
RESOURCES DEPARTMENT

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

Case 15159

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

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

II. OPERATOR: BTA OIL PRODUCERS LLC

ADDRESS: 104 S Pecos, Midland, TX 79701

CONTACT PARTY: Pam Inskeep PHONE: 432-682-3753

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 ___X___ No
If yes, give the Division order number authorizing the project: _____

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:

EXHIBIT A

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).
Well logs were filed with the Division with the original completion.

*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: Pam Inskeep TITLE: Regulatory Administrator

SIGNATURE: Pam Inskeep DATE: 02/28/2014

E-MAIL ADDRESS: pinskeep@btaoil.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: _____

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

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.

Side 1

INJECTION WELL DATA SHEET

OPERATOR: BTA OIL PRODUCERS LLC

WELL NAME & NUMBER: 9418 JV-P Vaca Draw #1

WELL LOCATION: 1980' FSL & 1980' FWL, UL K, Sec. 10, T25S, R33E, Lea County, NM

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17-1/2 Casing Size: 13-3/8"

Cemented with: 580 sx. *or* _____ ft³

Top of Cement: surface Method Determined: circ

Intermediate Casing

Hole Size: 11"/7-7/8" Casing Size: 8-5/8"/5-1/2"

Cemented with: 1925/1850 sx. *or* _____ ft³

Top of Cement: surface/6980 * Method Determined: circ/CBL

*Comp rept showed TOC @ 3440' by TS. We have a CBL that shows TOC @ 6980'

Production Casing

Hole Size: 4-3/4" Casing Size: 2-7/8"

Cemented with: 300 sx. *or* _____ ft³

Top of Cement: surface Method Determined: circ

Total Depth: 14162'

Injection Interval

Propose 5056 feet to 6770 Perf

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2-7/8" Lining Material: internally plastic-coated

Type of Packer: Arrowset II

Packer Setting Depth: 6900'

Other Type of Tubing/Casing Seal (if applicable): CIBP @ ±13420', cap w/40' cmt
CIBP @ ±12150', cap w/40' cmt
Perf/Sqz ±6940'(12 holes) w1000 sx
CIBP @ ±6930', cap w/40' cmt

Additional Data

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

   If no, for what purpose was the well originally drilled? Oil & Gas Producer, 1999

2. Name of the Injection Formation: Delaware (Bell Canyon/Upper Cherry Canyon)

3. Name of Field or Pool (if applicable): SWD; Delaware

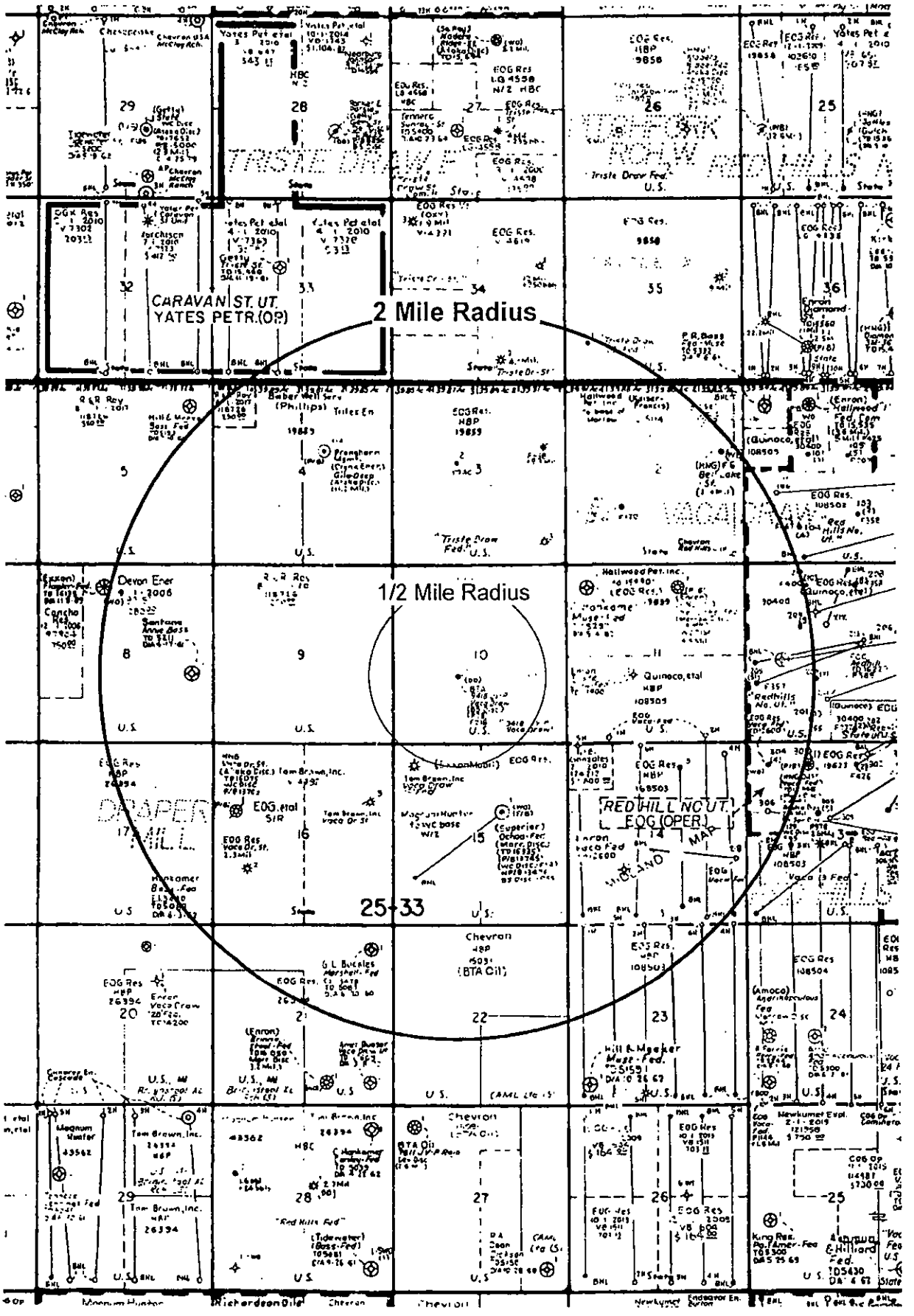
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. Yes, see detail in VI

   AOR Well Data

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

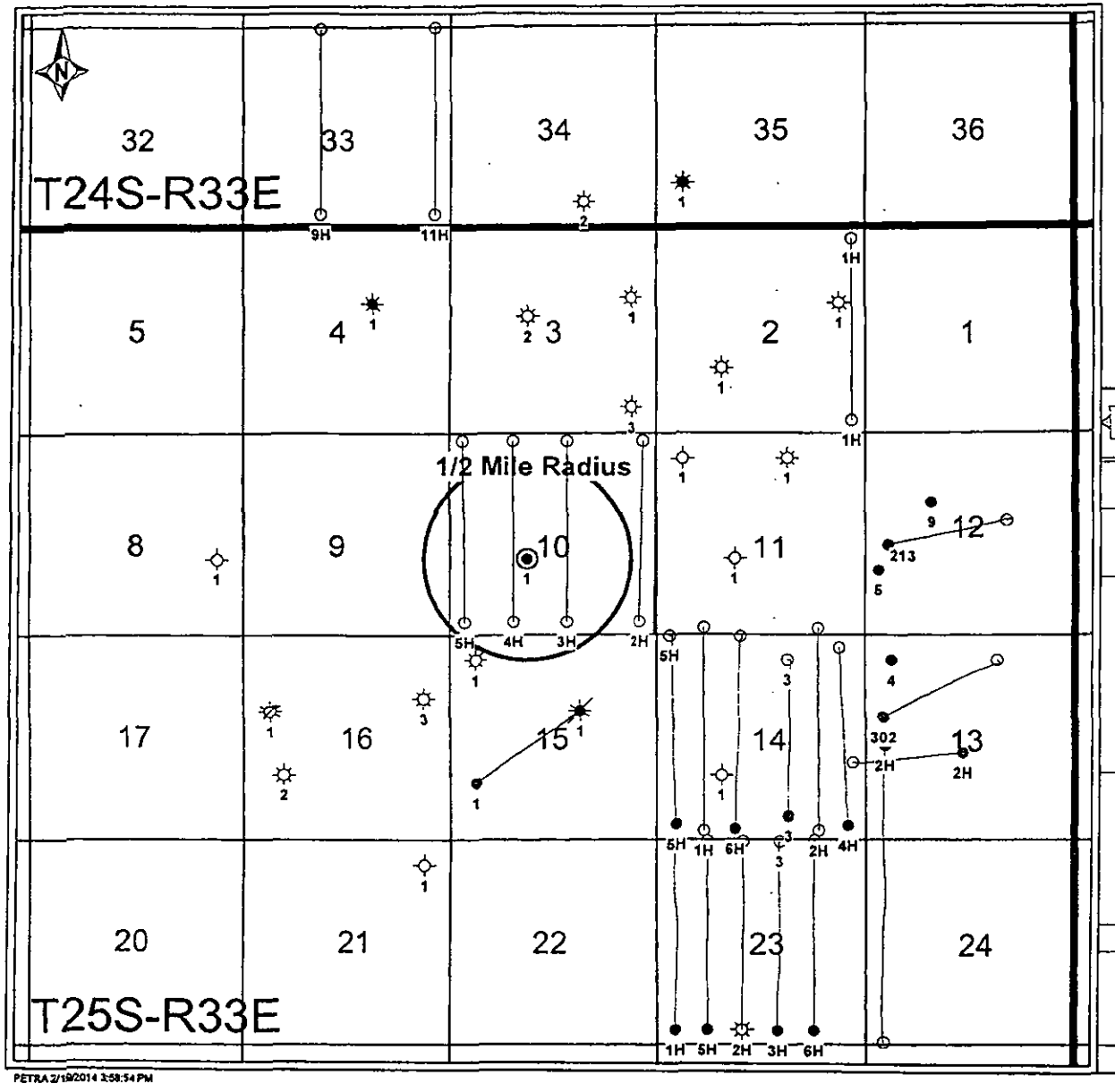
   Bell Canyon 5045'; Cherry Canyon 6376'; Brushy Canyon 7581'; Bone Spring 9218';

   Wolfcamp 12432'



BTA Oil Producers, LLC - 9418 JV-P Vaca Draw #1 WIW

Wells within ½ mile and 2 mile radius



BTA Oil Producers, LLC

9418 JV-P Vaca Draw #1

1/2 Mile Radius

Lea Co., New Mexcio

WELL SYMBOLS

- Location Only
- Oil Well
- Gas Well
- Oil & Gas Well
- Dry Hole
- Plugged & Abandoned Gas Well
- Plugged And Abandoned Oil and Gas Well
- Oil & Gas Well

REMARKS

9418 JV-P Vaca Draw #1 Highlighted In Yellow

1/2 Mile Radius Indicated In Red

Only Wells Within 2 Mile Radius Shown on Map

See Exhibit "A" For Well List

By: JHB

0 4,000 8,000

FEET

February 19, 2014

PETRA 2/19/2014 3:58:54 PM

HALF MILE RADIUS												
API #	Operator	Well Name	Well No.	TD	Sec	Twn	Rng	Footage Calls	Spud Date	Comp Date	Status	Prod Fm
30025336390000	BTA OIL PRODUCERS LLC	9418 JV-P VACA DRAW	1	12575	10	25S	33E	1980'FSL & 1980'FWL	11/21/1996	2/10/1997	Oil	WOLFCAMP
30025336390001	BTA OIL PRODUCERS LLC	9418 JV-P VACA DRAW	1	14162	10	25S	33E	1980'FSL & 1980'FWL	5/12/1999	7/5/1999	Oil	WOLFCAMP
30025416220000	BTA OIL PRODUCER LLC	VACA DRAW 9418 JV-P	3H		10	25S	33E	190'FNL & 2310'FEL			Location	
30025416230000	BTA OIL PRODUCER LLC	VACA DRAW 9418 JV-P	4H		10	25S	33E	190'FNL & 1650'FWL			Location	
30025416240000	BTA OIL PRODUCER LLC	VACA DRAW 9418 JV-P	5H		10	25S	33E	190'FNL & 330'FWL			Location	

BTA Oil Producers LLC
Application for Authorization to Inject
9418 JV-P Vaca Draw #1
1980' FSL & 1980' FWL
Section 10, T25S, R33E
Lea County, NM

VI AOR Well Data

Well Name	Operator	Location	Type of Well	Spud Date	Comp Date	TD PBTD	Comp Interval	Producing Formation	Casing Program			
									Casing	Depth	Amt Cmt	Circ
9418 JV-P Vaca Draw #1 30-025-33639	BTA Oil Producers LLC	1980' FSL & 1980' FWL 10-25S-33E	Gas Oil	11/21/1996	2/8/1997 Rec 7/4/1999	12575' MD 12470' PBTD 14162' MD 14093' PBTD	12196-12242' 13501-14060'	Bone Spring Wolfcamp	13-3/8" 8-5/8" 5-1/2" * Comp rept showed TOC @ 3440' by TS. We have a CBL that shows TOC @ 6980'	715 5000 12575	580 1925 1850	Circ Circ 6980*
9418 JV-P Vaca Draw #3H 30-025-41622	BTA Oil Producers LLC	190' FNL & 2310' FEL SL 330' FSL & 2260' FEL BHL 10-25S-33E	Oil	New (not drilled)		13942' MD 9380' TVD Proposed	9695-13942' Proposed	Bone Spring	13-3/8" 9-5/8" 5-1/2" Proposed	1220 5090 13942 Proposed	900 1250 1950 Proposed	Circ Circ 4890 Proposed
9418 JV-P Vaca Draw #4H 30-025-41624	BTA Oil Producers LLC	190' FNL & 1650' FWL SL 330' FSL & 1650' FWL BHL 10-25S-33E	Oil	New (not drilled)		13981' MD 9450' TVD Proposed	9695-13981' Proposed	Bone Spring	13-3/8" 9-5/8" 5-1/2" Proposed	1220 5100 13981 Proposed	900 1250 1950 Proposed	Circ Circ 4900 Proposed
9418 JV-P Vaca Draw #5H 30-025-41625	BTA Oil Producers LLC	190' FNL & 330' FWL SL 330' FSL & 380' FWL BHL 10-25S-33E	Oil	New (not drilled)		13972' MD 9450' TVD Proposed	9695-13972' Proposed	Bone Spring	13-3/8" 9-5/8" 5-1/2" Proposed	1190 5050 13972 Proposed	900 1250 1950 Proposed	Circ Circ 4850 Proposed

Exhibit "A"

API #	Operator	Well Name	Well No.	Sec	Twn	Rng	Footage Calls
30025271780000	CHEVRON MIDCONTINENT LP	BELL LAKE `2` STATE	1	2	25S	33E	1980'FNL & 660'FEL
30025346040000	EOG RES. INC.	TRISTE DRAW `2` STATE	1	2	25S	33E	1650'FSL & 1650'FWL
30025415460000	CHEVRON USA INC.	RED HILLS 2-25-33	1H	2	25S	33E	330'FSL & 340'FEL
30025415460100	CHEVRON USA INC.	RED HILLS 2-25-33	1H	2	25S	33E	330'FSL & 340'FEL
30025345180000	ENRON OIL & GAS CO	TRISTE DRAW `3` FEDERAL	1	3	25S	33E	1826'FNL & 660'FEL
30025345180001	EOG RES. INC.	TRISTE DRAW `3` FEDERAL	1	3	25S	33E	1826'FNL & 660'FEL
30025345850000	EOG RES. INC.	TRISTE DRAW `3` FEDERAL	2	3	25S	33E	2310'FNL & 1980'FWL
30025350720000	EOG RES. INC.	TRISTE DRAW `3` FEDERAL	3	3	25S	33E	660'FSL & 660'FEL
30025308720000	ENDURANCE RESOURCES LLC	GILA `4` DEEP COM	1	4	25S	33E	1975'FNL & 1980'FEL
30025308720001	ENDURANCE RESOURCES LLC	GILA `4` DEEP COM	1	4	25S	33E	1975'FNL & 1980'FEL
30025336390000	BTA OIL PRODUCERS LLC	9418 JV-P VACA DRAW	1	10	25S	33E	1980'FSL & 1980'FWL
30025336390001	BTA OIL PRODUCERS LLC	9418 JV-P VACA DRAW	1	10	25S	33E	1980'FSL & 1980'FWL
30025416210000	BTA OIL PRODUCER LLC	VACA DRAW 9418 JV-P	2H	10	25S	33E	190'FNL & 330'FEL
30025416220000	BTA OIL PRODUCER LLC	VACA DRAW 9418 JV-P	3H	10	25S	33E	190'FNL & 2310'FEL
30025416230000	BTA OIL PRODUCER LLC	VACA DRAW 9418 JV-P	4H	10	25S	33E	190'FNL & 1650'FWL
30025416240000	BTA OIL PRODUCER LLC	VACA DRAW 9418 JV-P	5H	10	25S	33E	190'FNL & 330'FWL
30025267290000	CHEVRON MIDCONTINENT LP	BELL LAKE `11` FEDERAL	1	11	25S	33E	660'FNL & 1980'FEL
30025267290001	HNG OIL COMPANY	BELL LAKE `11` FEDERAL	1	11	25S	33E	660'FNL & 1980'FEL
30025410980000	EOG RES. INC.	VACA 11 FEDERAL COM	1H	11	25S	33E	170'FSL & 1200'FWL
30025415230000	EOG RES. INC.	VACA 11 FEDERAL	2H	11	25S	33E	170'FSL & 1200'FEL
30025378390000	EOG RES. INC.	VACA 14 FEDERAL	2H	14	25S	33E	1980'FSL & 330'FEL
30025393270000	EOG RES. INC.	VACA 14 FEDERAL	3	14	25S	33E	660'FNL & 1980'FEL
30025393270100	EOG RES. INC.	VACA 14 FEDERAL	3	14	25S	33E	660'FNL & 1980'FEL
30025398920000	EOG RES. INC.	VACA 14 FEDERAL	4H	14	25S	33E	330'FNL & 660'FEL
30025399430000	EOG RES. INC.	VACA `14` FEDERAL	6H	14	25S	33E	50'FNL & 2130'FWL
30025399440000	EOG RES. INC.	VACA `14` FEDERAL COM	5H	14	25S	33E	50'FNL & 330'FWL
30025399440100	EOG RES. INC.	VACA `14` FEDERAL COM	5H	14	25S	33E	50'FNL & 330'FWL
30025276230100	EOG RES. INC.	OCHOA FEDERAL	1	15	25S	33E	1980'FNL & 1980'FEL
30025354450000	CIMAREX ENERGY CO. OF CO.	VACA DRAW `15` FEDERAL	1	15	25S	33E	660'FNL & 660'FWL
30025346530000	EOG RES. INC.	VACA DRAW `16` STATE	2	16	25S	33E	1650'FSL & 990'FWL
30025349090000	CIMAREX ENERGY CO. OF CO.	VACA DRAW `16` STATE	3	16	25S	33E	1650'FNL & 660'FEL

c1

Exhibit - Two Mile Radius Wells (to BTA 9418 JV-P Vaca Draw #1)

API #	Operator	Well Name	Well No.	Sec	Twn	Rng	Footage Calls	TOC
30025416040000	YATES PETRO. CORP.	CARAVAN STATE UNIT	9H	33	24S	33E	50'FNL & 1930'FWL	est. 4,700'
30025416380000	YATES PETRO. CORP.	CARAVAN STATE UNIT	11H	33	24S	33E	15'FNL & 400'FEL	est. 4,700'
30025416410000	YATES PETRO. CORP.	CARAVAN STATE UNIT	9H	33	24S	33E	50'FNL & '1950'FWL	est. 4,700'
30025345720000	EOG RES. INC.	TRISTE DRAW `34` STATE COM	2	34	24S	33E	660'FSL & 1883'FEL	est. 4,500'
30025347190000	EOG RES. INC.	TRISTE DRAW `35` FEDERAL	1	35	24S	33E	1150'FSL & 660'FWL	4,498'
30025347190001	EOG RES. INC.	TRISTE DRAW 35 FED	1	35	24S	33E	1150'FSL & 660'FWL	4,498'
30025271780000	CHEVRON MIDCONTINENT LP	BELL LAKE `2` STATE	1	2	25S	33E	1980'FNL & 660'FEL	est. 5,061'
30025346040000	EOG RES. INC.	TRISTE DRAW `2` STATE	1	2	25S	33E	1650'FSL & 1650'FWL	4,471'
30025415460000	CHEVRON USA INC.	RED HILLS 2-25-33	1H	2	25S	33E	330'FSL & 340'FEL	est. 4,550'
30025415460100	CHEVRON USA INC.	RED HILLS 2-25-33	1H	2	25S	33E	330'FSL & 340'FEL	est. 4,550'
30025345180000	EOG RES. INC.	TRISTE DRAW `3` FEDERAL	1	3	25S	33E	1826'FNL & 660'FEL	5,115'
30025345180001	ENRON O&G CO.	TRISTE DRAW `3` FEDERAL	1	3	25S	33E	1826'FNL & 660'FEL	5,115'
30025345850000	EOG RES. INC.	TRISTE DRAW `3` FEDERAL	2	3	25S	33E	2310'FNL & 1980'FWL	4,421'
30025350720000	EOG RES. INC.	TRISTE DRAW `3` FEDERAL	3	3	25S	33E	660'FSL & 660'FEL	4,473'
30025308720000	ENDURANCE RESOURCES LLC	GILA `4` DEEP COM	1	4	25S	33E	1975'FNL & 1980'FEL	est. 6,500'
30025308720001	ENDURANCE RESOURCES LLC	GILA `4` DEEP COM	1	4	25S	33E	1975'FNL & 1980'FEL	est. 6,500'
30025083810000	SANTANA PET CORP	BASS-FEDERAL	1	8	25S	33E	1980'FSL & 660'FEL	n/a
30025336390000	BTA OIL PRODUCERS LLC	9418 JV-P VACA DRAW	1	10	25S	33E	1980'FSL & 1980'FWL	3,440'
30025336390001	BTA OIL PRODUCERS LLC	9418 JV-P VACA DRAW	1	10	25S	33E	1980'FSL & 1980'FWL	3,440'
30025416210000	BTA OIL PRODUCER LLC	VACA DRAW 9418 JV-P	2H	10	25S	33E	190'FNL & 330'FEL	est. 4,900'
30025416220000	BTA OIL PRODUCER LLC	VACA DRAW 9418 JV-P	3H	10	25S	33E	190'FNL & 2310'FEL	est. 4,900'
30025416230000	BTA OIL PRODUCER LLC	VACA DRAW 9418 JV-P	4H	10	25S	33E	190'FNL & 1650'FWL	est. 4,900'
30025416240000	BTA OIL PRODUCER LLC	VACA DRAW 9418 JV-P	5H	10	25S	33E	190'FNL & 330'FWL	est. 4,900'
30025083820000	HANKAMER CURTIS CORP	MUSE-FEDERAL	1	11	25S	33E	660'FNL & 660'FWL	n/a
30025267290000	CHEVRON MIDCONTINENT LP	BELL LAKE `11` FEDERAL	1	11	25S	33E	660'FNL & 1980'FEL	est. 5,029'
30025267290001	HNG OIL CO.	BELL LAKE `11` FEDERAL	1	11	25S	33E	660'FNL & 1980'FEL	est. 5,029'
30025346350000	ENRON O&G CO.	TRISTE DRAW `11` FEDERAL	1	11	25S	33E	1980'FSL & 1980'FWL	4,414'
30025410980000	EOG RES. INC.	VACA 11 FEDERAL COM	1H	11	25S	33E	170'FSL & 1200'FWL	4,450'
30025415230000	EOG RES. INC.	VACA 11 FEDERAL	2H	11	25S	33E	170'FSL & 1200'FEL	4,500'
30025327890000	EOG RES. INC.	HALLWOOD `12` FEDERAL	9	12	25S	33E	1830'FNL & 1650'FWL	4,930'
30025332940000	EOG RES. INC.	HALLWOOD `12` FEDERAL	5	12	25S	33E	1700'FSL & 331'FWL	6,000'
30025365840000	EOG RES. INC.	RED HILLS NORTH UNIT	213	12	25S	33E	2297'FNL & 1748'FEL	4,790'
30025321300000	EOG RES. INC.	VACA `13` FEDERAL	4	13	25S	33E	660'FNL & 660'FWL	5,520'
30025321300001	ENRON O&G CO.	VACA `13` FEDERAL	4	13	25S	33E	660'FNL & 660'FWL	5,520'
30025321820100	EOG RES. INC.	RED HILLS NORTH UNIT	302	13	25S	33E	660'FNL & 1980'FEL	3,800'
30025341180000	ENRON O&G CO.	VACA `14` FEDERAL	1	14	25S	33E	1650'FSL & 1650'FWL	4,845'

Exhibit - Two Mile Radius Wells (to BTA 9418 JV-P Vaca Draw #1)

API #	Operator	Well Name	Well No.	Sec	Twn	Rng	Footage Calls	TOC
30025378390000	EOG RES. INC.	VACA 14 FEDERAL	2H	14	25S	33E	1980'FSL & 330'FEL	4,850'
30025393270000	EOG RES. INC.	VACA 14 FEDERAL	3	14	25S	33E	660'FNL & 1980'FEL	5,250'
30025393270100	EOG RES. INC.	VACA 14 FEDERAL	3	14	25S	33E	660'FNL & 1980'FEL	5,250'
30025398920000	EOG RES. INC.	VACA 14 FEDERAL	4H	14	25S	33E	330'FNL & 660'FEL	4,600'
30025399430000	EOG RES. INC.	VACA `14` FEDERAL	6H	14	25S	33E	50'FNL & 2130'FWL	4,600'
30025399440000	EOG RES. INC.	VACA `14` FEDERAL COM	5H	14	25S	33E	50'FNL & 330'FWL	4,050'
30025399440100	EOG RES. INC.	VACA `14` FEDERAL COM	5H	14	25S	33E	50'FNL & 330'FWL	4,050'
30025276230000	SUPERIOR OIL CO	OCHOA FEDERAL	1	15	25S	33E	1980'FNL & 1980'FEL	est. 4,991'
30025276230001	SUPERIOR DRLG INC	OCHOA FEDERAL	1	15	25S	33E	1980'FNL & 1980'FEL	est. 4,991'
30025276230002	ENRON O&G CO.	OCHOA FEDERAL	1	15	25S	33E	1980'FNL & 1980'FEL	est. 4,991'
30025276230100	EOG RES. INC.	OCHOA FEDERAL	1	15	25S	33E	1980'FNL & 1980'FEL	est. 4,991'
30025354450000	CIMAREX ENERGY CO. OF CO.	VACA DRAW `15` FEDERAL	1	15	25S	33E	660'FNL & 660'FWL	0'
30025272630000	EOG RES. INC.	VACA DRAW /16/STATE	1	16	25S	33E	1980'FNL & 660'FWL	est. 4,924'
30025272630001	HNG OIL CO.	VACA DRAW`16`STATE	1	16	25S	33E	1980'FNL & 660'FWL	est. 4,924'
30025346530000	EOG RES. INC.	VACA DRAW `16` STATE	2	16	25S	33E	1650'FSL & 990'FWL	4,299'
30025349090000	CIMAREX ENERGY CO. OF CO.	VACA DRAW `16` STATE	3	16	25S	33E	1650'FNL & 660'FEL	est. 4,805'
30025083860000	BUCKLES GEO L CO	FEDERAL-MARSHALL	1	21	25S	33E	660'FNL & 660'FEL	n/a
30025400500000	EOG RES. INC.	CABALLO `23` FEDERAL	1H	23	25S	33E	50'FNL & 440'FWL	4,120'
30025400510000	EOG RES. INC.	CABALLO `23` FEDERAL	2H	23	25S	33E	50'FNL & 2200'FWL	est. 4,050'
30025400520000	EOG RES. INC.	CABALLO 23 FEDERAL	3H	23	25S	33E	58'FNL & 2200'FEL	4,700'
30025400527000	EOG RES. INC.	CABALLO 23 FEDERAL	3	23	25S	33E	58'FNL & 2200'FEL	4,700'
30025402470000	EOG RES. INC.	CABALLO `23` FEDERAL	5H	23	25S	33E	40'FNL & 1295'FWL	est. 4,050'
30025402480000	EOG RES. INC.	CABALLO `23` FEDERAL	6H	23	25S	33E	20'FNL & 1310'FEL	est. 4,050'
30025405280000	EOG RES. INC.	VACA `24` FEDERAL COM	2H	24	25S	33E	50'FSL & 430'FWL	4,550'

12

BTA Oil Producers LLC
Application for Authorization to Inject
9418 JV-P Vaca Draw #1
1980' FSL & 1980' FWL
Section 10, T25S, R33E
Lea County, New Mexico

VIII Geologic Data

9418 JV-P Vaca Draw #1 Geological Discussion Regarding Proposed Disposal Interval

A. Disposal Zone

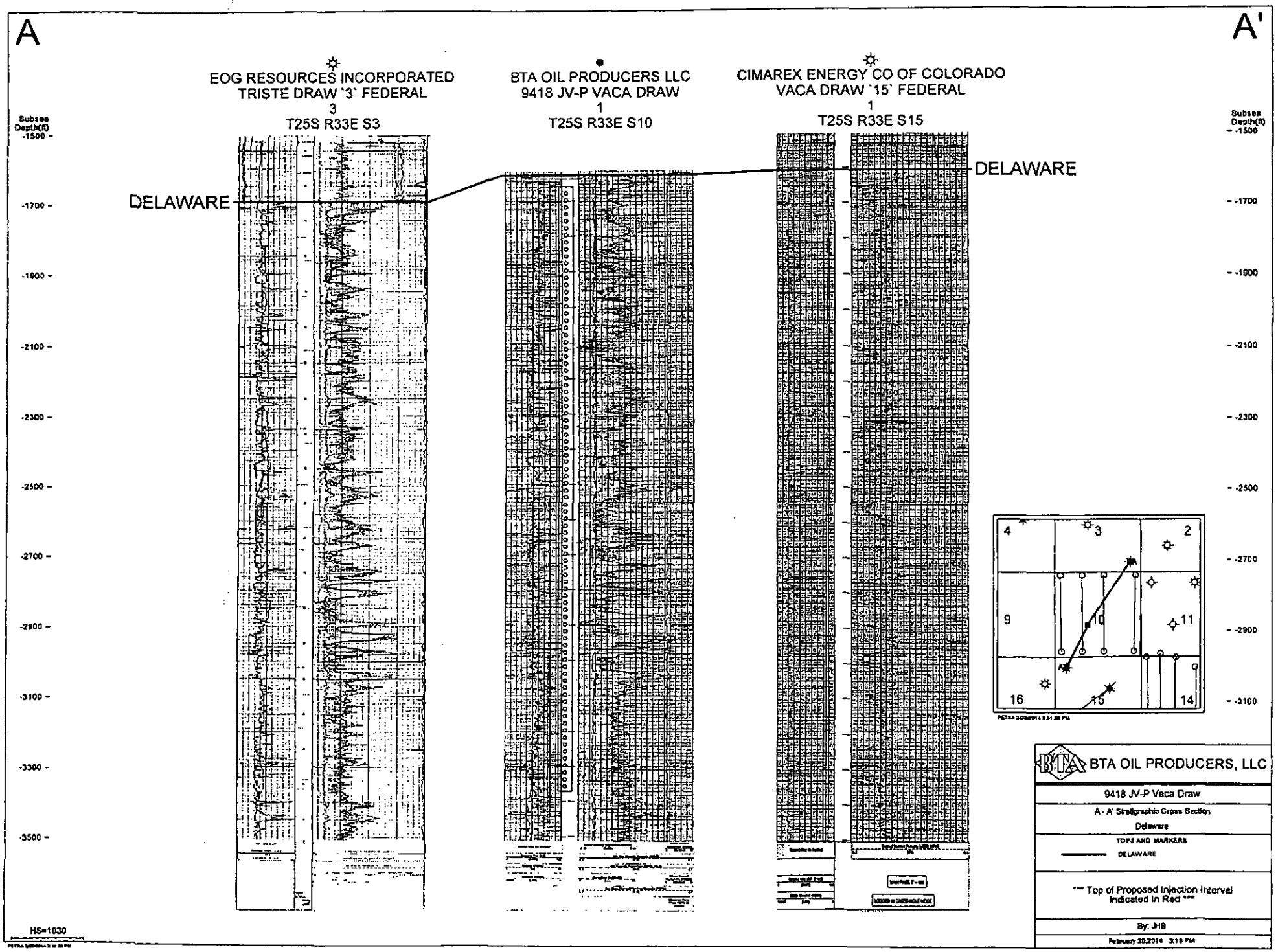
Injection will be into the Bell Canyon and upper Cherry Canyon members of the Delaware Mountain Group.

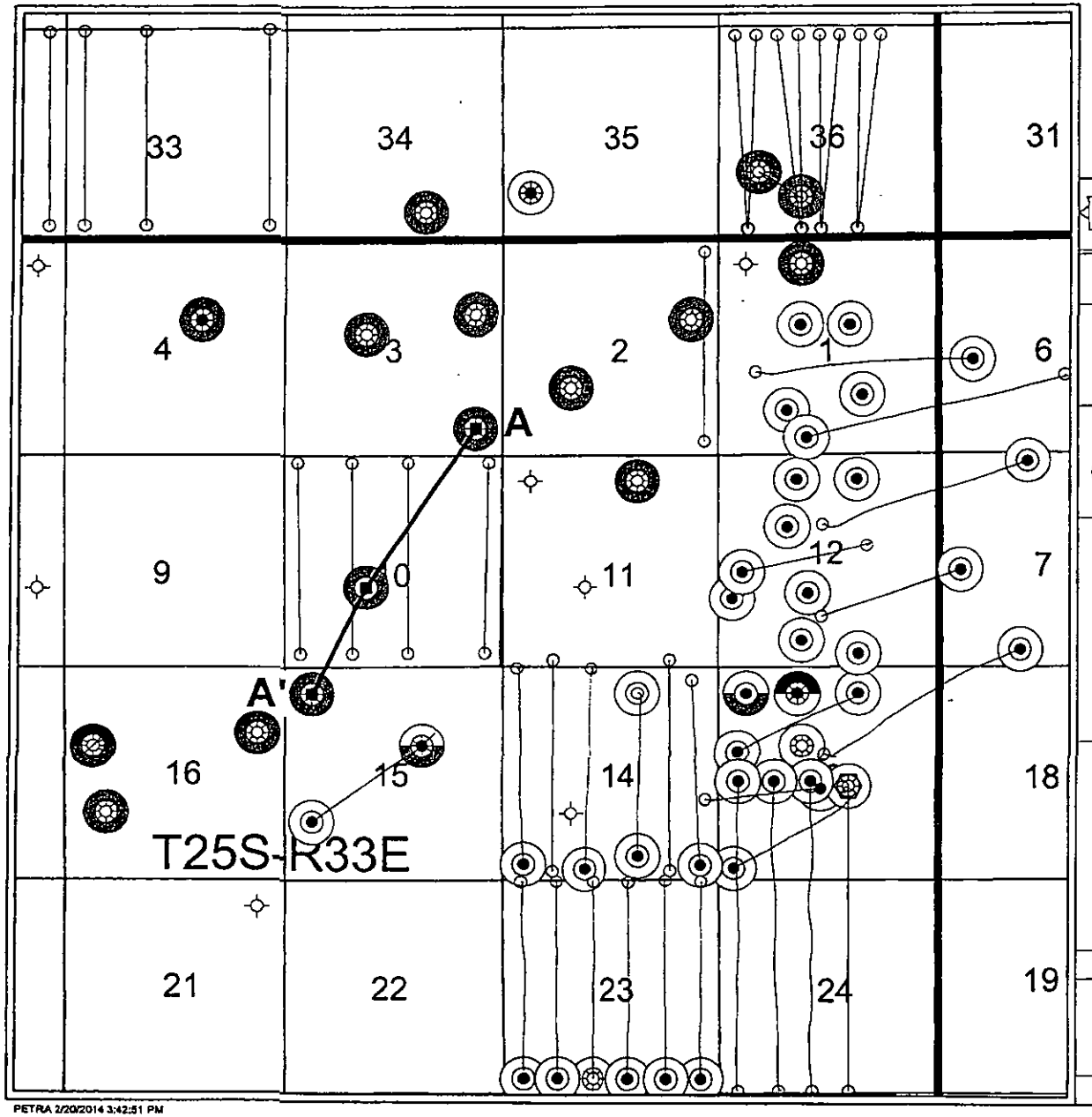
The Delaware Mountain Group has a total thickness in excess of 4,000 feet within this locality. It is comprised of alternating units of siltstone, sandstone, and limestone with minor units of shale. The proposed injection intervals in the Bell Canyon and upper Cherry Canyon members exhibit very good porosity as observed on electric logs. These sandstones have made productive oil and gas reservoirs regionally when the formations are associated with structural closures. At the proposed location, however, no closure has been observed. Additionally, electric logs indicate the formation is brine saturated and no shows were observed on the mudlog.

The Delaware Mountain Group was deposited within a deep marine basin. The cleaner sandstone units represent submarine channel/fan sequences deposited down dip of the shelf margin under turbiditic conditions triggered by tectonic activity, gravity slumping or sea level changes. The siltstone, limestone and/or shale units represent the normal deposition that occurs within a marine basin between the catastrophic interruptions of turbiditic events.

B. Fresh Water Sources:

Fresh water is present in Triassic aged reservoirs to a depth of 600 feet.


A
A'
EOG RESOURCES INCORPORATED
TRISTE DRAW '3' FEDERAL
3
T25S R33E S3
BTA OIL PRODUCERS LLC
9418 JV-P VACA DRAW
1
T25S R33E S10
CIMAREX ENERGY CO OF COLORADO
VACA DRAW '15' FEDERAL
1
T25S R33E S15
DELAWARE
DELAWARE
Subsea Depth(ft)
-1500
-1700
-1900
-2100
-2300
-2500
-2700
-2900
-3100
-3300
-3500
HS=1030
4
3
2
9
10
11
16
15
14
BTA OIL PRODUCERS, LLC
9418 JV-P Vaca Draw
A - A' Stratigraphic Cross Section
Delaware
TOPS AND MARKERS
DELAWARE
*** Top of Proposed Injection Interval Indicated In Red ***
By: JHB
February 20,2014 3:19 PM



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BTA Oil Producers, LLC

9418 JV-P Vaca Draw

Producing Formation Map

Sec. 10 - T25S - R33E

Lea Co., New Mexcio

ATTRIBUTE MAP

- Producing Formation Contains "ATOKA"
- Producing Formation Contains "BONESPRING"
- Producing Formation Contains "MORROW"
- Producing Formation Contains "WOLFCAMP"

WELL SYMBOLS

- Location Only
- Completing/Completed
- Oil Well
- Gas Well
- Oil & Gas Well
- Dry Hole
- Plugged & Abandoned Gas Well
- Plugged And Abandoned Oil and Gas Well
- Oil & Gas Well

REMARKS

**** There Is No Delaware Formation Production In The Map Area ****

Top of Delaware Stratigraphic Cross Section Shown On Map

By: JHB

0 4,000 8,000

FEET

February 20, 2014

51

API 30-025-33639
Attachment C-108
Item IX

BTA Oil Producers
9418 Vaca Draw #1
Program to Reconfigure Wellbore
Johnson Ranch Field
Lea County, New Mexico

Well Data: TD 14,160'
PBTD 14,093;

Elevations: 3411' KB
3394' GL
17' Diff

Casing: 13-3/8" 54.5# J-55 @ 715' w/ 580 Sx (Cmt Circ)
8-5/8" 32# J-55 @ 5000' w/ 1925 Sx (Cmt Circ)
5-1/2" 17# P-110 & S95 @ 12,575' w/ 1850 Sx
TOC @ 6980' by CBL
(Originally thought to be @ 3440' by temp survey)
2-7/8" 6.5# P-110 @ 14,159' w/ 300 SX
TOC @ 12,250' by temp survey

Pertinent Well History: Well originally produced through 5-1/2" casing in the Bone Springs formation. In 1999, well was deepened and completed in the Wolfcamp formation with 2-7/8" P-110 Casing cemented in place.

Capacities:

2-7/8" 6.5# Casing	0.00579 bbl/ft
5-1/2" 17# Casing	0.0232 bbl/ft
Between 2-7/8" and 5-1/2"	0.0152 bbl/ft

Procedure:

1. MIRU pulling unit.
2. Bullhead 80 bbls of 10 ppg brine down 2-7/8" to kill well.
3. MIRU WL unit. RIH w/ 2.3" gauge ring to 13,450'.
4. RIH and set CIBP in 2-7/8" casing @ 13,420'. Dump bail 40' of cement on CIBP. Pressure test plug to 500 psi for 10 min.
5. ND WH. NU 7-1/16" 5K BOP to 5-1/2" casing WH.
6. RU w/ tubing elevators on 2-7/8" csg/tbg.
7. RIH w/ freepoint tool inside 2-7/8" tbg. Find freepoint of 2-7/8" csg/tbg. Notify engineer if 2-7/8" is not free down to at least 12,200'. POH.
8. Rig up joint of tubing w/ grease head as lubricator. RIH w/ chemical cutter. Pull tension down to freepoint. Cut 2-7/8" casing above freepoint (Minimum Depth: 12,100', Target Depth: 12,200'). Be prepared for well to U-tube from heavy mud behind 2-7/8" (~3000 psi out of balance). RDMO wireline.
9. MIRU pump truck capable of 3 bpm @ 5000 psi. Circulate old drilling mud out of 2-7/8"x5-1/2" annulus by pumping 300 bbls produced water down 2-7/8" tbg taking returns out of 5-1/2" casing head valve. Pump more fluid if necessary to clean up.
10. POH standing back 2-7/8" tubing.
11. MIRU WL unit. RIH w/ 4.6" gauge ring and tag top of cut on 2-7/8".
12. RIH and set CIBP in 5-1/2" 17# casing @ 12,150'.
13. Run CBL from 7500' to surface.
14. Dump bail 40' of cement on CIBP @ 12,150'. RDMO WL unit.

15. Notify engineer if there is cement behind 5-1/2" casing above 6980'.
16. Pressure test 5-1/2" casing and CIBP to 1000 psi.
17. RDMO pulling unit.

Turn over well to Concho for Micro Seismic Activities. After the wellbore is used to monitor frac:

18. MIRU pulling unit.
19. MIRU WL unit. RIH and perforate cement circulation squeeze holes in 5-1/2" casing (12 holes, 0.42 EHD, 6 SPF) at 6940'.
20. RDMO WL Unit.
21. PU and RIH w/ packer for 5-1/2" casing. Set packer at 6900'.
22. Attempt to establish circulation down tubing taking returns on 5-1/2" x 8-5/8" annulus. Report to engineer.
23. POH and LD packer. PU and RIH w/ Cast Iron Cement Retainer. Set CICR @ ~6900'.
24. Sting into CICR and establish circulation. Pump 1000 sks Class H cement taking returns through 5-1/2" x 8-5/8" casing head. Sting out of retainer and reverse circulate out 1.5x tubing volume.
25. POH and LD stinger. PU and RIH w/ 4-3/4" bit and 6 3.5" drill collars. Drill out CICR and through squeeze perfs. Test perfs to 500 psi for 10 min.
26. RIH to CIBP @ 12,000'. Circulate well clean with 260 bbls inhibited packer fluid.
27. POH and LD 2-7/8" tubing.
28. MIRU WL unit. Pull GR/CCL/CBL from 12,150' to Surface. RDMO WL.
29. ND BOP, NU 7-1/16" 5K bonnet w/ gate valve on wellhead.
30. RDMO pulling unit.

Once we receive Permit to convert to disposal

31. Notify Maxey Brown with BLM of job to convert well to disposal. You will need the well API number: 30-025-33639
32. NU BOP. MIRU WL unit and crane. Set CIBP in 5-1/2" 17# casing at 6930'.
33. RIH w/ 3-1/8" 2 JSPF perforating guns and perforate (Delaware) 5062'-6750' as per table below:

Delware Injection Perfs

DEPTH			SPF	HOLES	GUN FTG
6,702'	-	6,750'	2	96	48
6,610'	-	6,674'	2	128	64
6,582'	-	6,600'	2	36	18
6,546'	-	6,572'	2	52	26
6,496'	-	6,522'	2	52	26
6,454'	-	6,470'	2	32	16
6,382'	-	6,430'	2	96	48
6,282'	-	6,322'	2	80	40
6,216'	-	6,264'	2	96	48
6,146'	-	6,166'	2	40	20
6,074'	-	6,122'	2	96	48
5,940'	-	6,030'	2	180	90
5,864'	-	5,888'	2	48	24
5,824'	-	5,848'	2	48	24
5,750'	-	5,770'	2	40	20
5,672'	-	5,698'	2	52	26
5,632'	-	5,654'	2	44	22
5,584'	-	5,610'	2	52	26
5,486'	-	5,540'	2	108	54
5,400'	-	5,420'	2	40	20
5,342'	-	5,382'	2	80	40
5,235'	-	5,260'	2	50	25
5,118'	-	5,170'	2	104	52
5,062'	-	5,078'	2	32	16
h = 1688'				1682	841

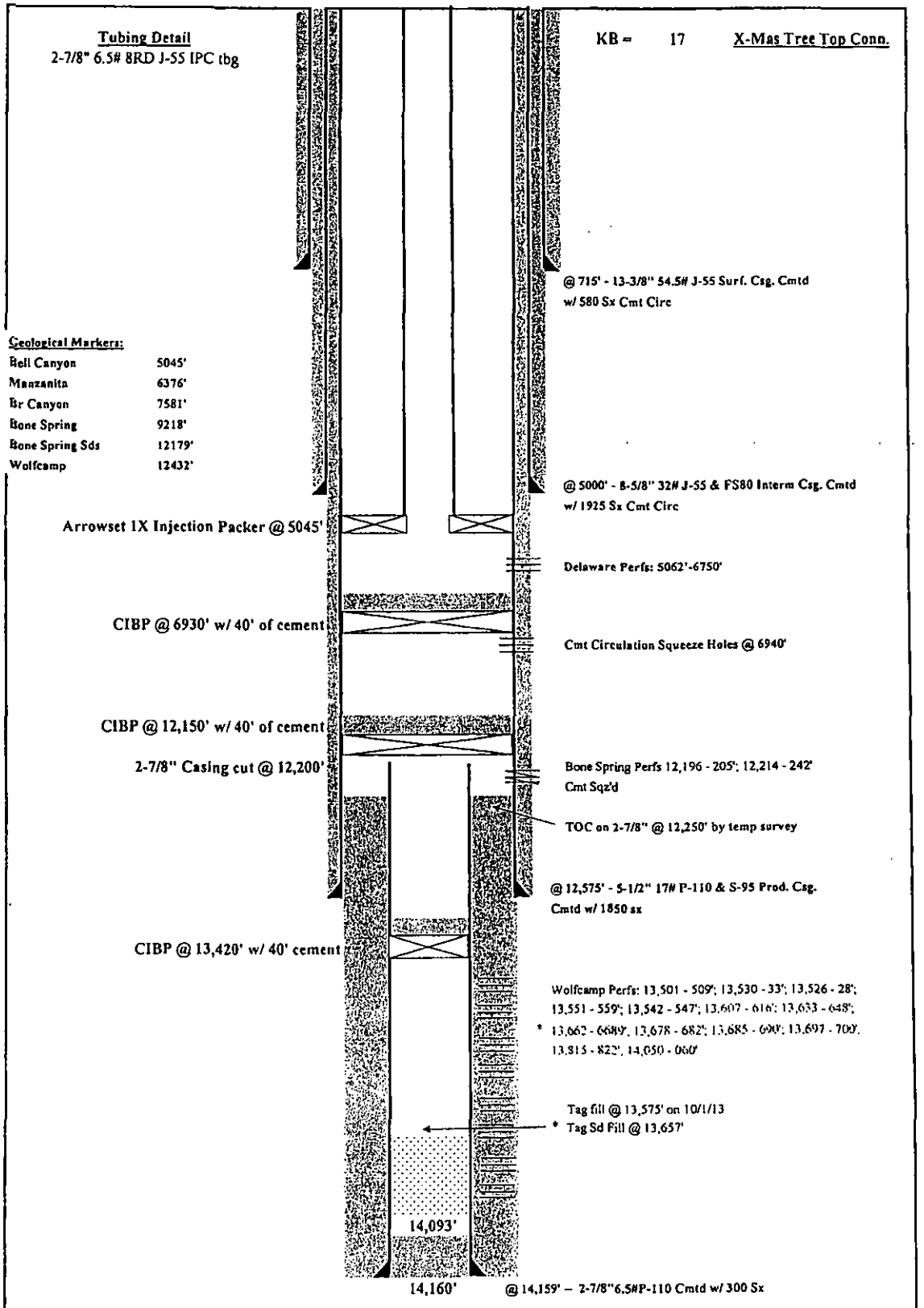
34. RIH and dump bail 40' of cement on CIBP @ 6930'. RDMO WL unit and crane.
35. MIRU pulling unit.
36. PU and RIH w/ pump off plug, nickel coated OD / plastic coated ID Arrowset 1X packer for 5-1/2" 17# casing; T2 on/off tool w/ 2.25F SS Profile; and new 2-7/8" J-55 plastic coated ID tubing. Set packer at 5045'.
37. Get off of packer and circulate around 120 bbls inhibited packer fluid. Pressure test backside to 500 psi for 30 min recording results on chart.
38. ND BOP, NU WH. RDMO pulling unit.
39. Pressure up on tubing and blow pump off plug.
40. Establish injection into Delware perfs. Report injection rate/pressure to office.
41. Schedule and perform Mechanical Integrity Test with Maxey Brown at the BLM. Send in chart to office.
42. After MIT has been approved, put well on injection.

RTW
3/12/13

Vaca Draw #1 - Proposed WBD

PROPOSED CONVERT TO INJECTION

API 30-025-33639



Revised		Gas Well		Drawn	TJW
RTW	2/20/2014	LEASE:	9418 JV-P Vaca Draw #1		3/29/2007
		FIELD:	Johnson Ranch		
		LOCATION:	1980' FSL 1980' FWL Sec. 10 T25S R33E	Approved	
		COUNTY:	Lea STATE: New Mexico		
		PRODUCING FORMATION:	Wolfcamp	Date	
		BTA Oil Producers			

19

BTA Oil Producers LLC
Application for Authorization to Inject
9418 JV-P Vaca Draw #1
1980' FSL & 1980' FWL
Section 10, T25S, R33E
Lea County, New Mexico

X Well logs were filed with the original completion.

XI No water wells are located in the 2-mile area surrounding the 9418 JV-P Vaca Draw #1.

XII There is no geological evidence of open faults nor other hydrologic connection between the disposal zone and any underground drinking water sources.

BTA Oil Producers LLC
Application for Authorization to Inject
9418 JV-P Vaca Draw #1
1980' FSL & 1980' FWL
Section 10, T25S, R33E
Lea County, New Mexico

Water Samples for Well COTTON DRAW UNIT 004

API = 3002508221

Formation = DEL

Field = PADUCA

Current Water Production Information

Instructions:

Click  For general information about this sample.

Click  For scale calculation pages (Stiff-Davis or Oddo Tomson methods).

Click  To select this water sample for water mixing. It will lead to the main page, and add the sample ID to the mixing table.

Click 664 Click the hyperlinked sample number to make a .csv for that sample, or select several check boxes and click Submit for multiple samples

The ions are in (mg/L) units.

	SampleID	SI	PR	ST	SO4	CL	CO3	HCO3	K	Na	Ca	Mg
☐	4293 				25S 32E 22 552	170500	null	198	null	null	null	null

BTA Oil Producers LLC
Application for Authorization to Inject
9418 JV-P Vaca Draw #1
1980' FSL & 1980' FWL
Section 10, T25S, R33E
Lea County, New Mexico

XIII Notice of Offset Operators Within ½ Mile

I hereby certify that BTA Oil Producers LLC holds 100% Working Interest in this well.

Surface Owner is Federal

Offset Operator List

Chevron Midcontinent LP
Chevron USA Inc
1400 Smith
Houston, TX 77002
Attn: Sandy Stedman-Daniel

Cimarex Energy Company of Colorado
600 N Marienfeld, Ste 600
Midland, TX 79701

AMENDED ADDRESS

Endurance Resources LLC
15455 Dallas Pkwy, Suite 600
Addison, TX 75234

EOG Resources, Inc.
P. O. Box 2267
Midland, TX 79702

In addition, I hereby certify that notification of BTA's application was mailed via certified mail to Cimarex Energy Company of Colorado on the 15th day of April, 2014.

Pam Inskeep

Pam Inskeep

22

PROPOSED ADVERTISEMENT

Case No. 15159 *:*

Application of BTA Oil Producers, LLC for approval of a water disposal well, Lea County, New Mexico. Applicant seeks an order approving disposal of produced water into the Bell Canyon and Upper Cherry Canyon members of the Delaware formation at depths of 5056-6770 feet subsurface in the 9418 JV-P Vaca Draw Well No. 1, located 1980 feet from the south line and 1980 feet from the west line of Section 10, Township 25 South, Range 33 East, NMPM. The well is located approximately 22 miles west-northwest of Jal, New Mexico.