

DATE IN <u>4-15-10</u>	SUSPENSE <u>5/1/10</u>	ENGINEER <u>WJ</u>	LOGGED IN <u>4-15-10</u>	TYPE <u>SWD</u>	APP NO. <u>1010554699</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



Amtex
RECEIVED OGD

ADMINISTRATIVE APPLICATION CHECKLIST

2010 APR 15 P 2:33
Tomahawk #1

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

Application Acronyms:

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

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☒ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☒ Offset Operators, Leaseholders or Surface Owner

[C] ☒ Application is One Which Requires Published Legal Notice

[D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

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

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

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

ANN E. RITCHIE		REGULATORY AGENT	4/12/10
Print or Type Name	Signature	Title	Date
		ann.wtor@gmail.com	
		e-mail Address	

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: _____ Secondary Recovery _____ Pressure Maintenance XXX Disposal _____ Storage
Application qualifies for administrative approval? XXX Yes _____ No
- II. OPERATOR: Amtex Energy, Inc.
ADDRESS: P.O. Box 3418 Midland TX 79702
CONTACT PARTY: William J. Savage PHONE: (432) 686-0847
- 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 XXX 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. See map with red & Blue Circles
- 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. See attached sheet VI
- VII. Attach data on the proposed operation, including: See attached sheet VII
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. See Data attached
- IX. Describe the proposed stimulation program, if any. See attached sheet
- *X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
Logs have already been submitted with the Division.
- *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. See attached sheet
- 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. See attached sheet
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form. See attached sheet
- 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: William J. Savage TITLE: President
SIGNATURE: William J. Savage DATE: 3-30-10
E-MAIL ADDRESS: billsavage@verizon.net
- * 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: X: Completed 11/10/1995

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

OPERATOR: Amtex Energy, Inc.WELL NAME & NUMBER: TOMAHAWK WELL NO. 1WELL LOCATION: 2011' FSL and 660' FWL

L

FOOTAGE LOCATION

UNIT LETTER

31

SECTION

21S

TOWNSHIP

33E

RANGE

WELLBORE SCHEMATIC

See attached

WELL CONSTRUCTION DATASurface CasingHole Size: 17.5" Casing Size: 13 3/8"Cemented with: 850 sx. or ft³Top of Cement: Surface Method Determined: CirculatedIntermediate CasingHole Size: 11" Casing Size: 8 5/8"Cemented with: 1900 sx. or ft³Top of Cement: Surface Method Determined: CirculatedProduction CasingHole Size: 7 7/8" Casing Size: 5 1/2"Cemented with: 1275 sx. or ft³Top of Cement: 3,370' Method Determined: CBLTotal Depth: 9,100'Injection Interval5,634' feet to 5648'Perforated with 28 1/2" holes
(perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 7/8" Lining Material: PLC

Type of Packer: Baker R

Packer Setting Depth: 5580±

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

Additional Data

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

2. Name of the Injection Formation: Bell Canyon
3. Name of Field or Pool (if applicable): East Bilibrey
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, Please see

Well Bore Schematics

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: Bell Canyon (Ramsey Sand) 4989' Above
- Brushy Canyon 7060' Below

APPLICATION FOR AUTHORIZATION TO INJECT - FORM C-108

AMTEX ENERGY, INC

TOMAHAWK WELL NO. 1
2011' FSL & 660' FWL
Sec. 31, T-21-S, R-33-E
Lea County, New Mexico

- III A (3) Tubing to be used: 2 7/8" 6.5# J-55 with plastic coating
Tubing will be set within 100 feet of the existing perforations (5634 - 48)
Tubing will be plastic coated
- III A (4) Packer to be use is a Baker Model R, which will also be plastic coated
Packer will be set approximately 6' below the tubing
- III B (1) Delaware Mountain Group - Bell Canyon Sand
East Billbrey Delaware
- III B (2) 5634-48 Perforated through casing
- III B (3) Originally drilled as a Delaware (Brushy Canyon Sand) Oil well
- III B (4) Please see attached Well History
- III B (5) Next Higher Oil Zone Upper Bell Canyon - Ramsey Sand
Approx 5000' this well bore (calc's wet)
Next Lower Oil Zone Lower Brushy Canyon sands
Approx. 8460 - 8720
- VII 1 Proposed average daily injection rate: 2000 BWPD
Proposed maximum daily injection rate: 3000 BWPD
NOTE: In the event any of the area's disposal water brought into the system has any
corrosive properties, they will be monitored and chemically treated
appropriately
- VII 2 System will be closed
- VII 3 Proposed average injection pressure: 1250 PSI
Proposed maximum injection pressure: 1400 PSI
- VII 4 Ave Chl for upper Delaware sands: 140,000 - 160,000 ppm (RGS Fields Book - attached)
- VII 5 Water analysis from perforations 5634-48 taken July 8, 2008
Chlorides: 130,640 ppm (Analysis attached)
- VIII **GEOLOGICAL DATA ON THE INJECTION ZONE**
Delaware Mountain Group - Bell Canyon Sand
Fine grained, fairly well sorted, quartzitic sands with some
calcareous cement.
Minor interstitial clays may also be present
Porosity averages 23% with excellent permeability indicated on logs
Thicknesses: Bell Canyon Sand - 1108 feet
sand perforated - 35 feet
total feet perforated - 14 (5634-48)
- FRESH WATER SOURCES**
Approx. 3 miles North - Section 18, T-21-S, R-33-E
Ogalla @ 150 feet - Chlorides 14 (see attached NM WAIDS)
Estimated depth to ground water 260 feet
- IX No additional stimulation is proposed at this time
- X Logging and test data are already on file with the NMOCD (API: 30-025-33069)
- XI No fresh water wells within 2 miles of the Tomahawk #1

Submit 1 Copy To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
October 13, 2009

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

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-33069
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other: _____		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Amtex Energy, Inc.		6. State Oil & Gas Lease No. VB 1327 0000
3. Address of Operator P.O. Box 3418, Midland, Texas 79702		7. Lease Name or Unit Agreement Name TOMAHAWK
4. Well Location Unit Letter <u>L</u> : <u>2011</u> feet from the <u>South</u> line and <u>660</u> feet from the <u>West</u> line Section <u>31</u> Township <u>21S</u> Range <u>33E</u> NMPM County <u>LEA</u>		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) DF 3726'		9. OGRID Number 785
		10. Pool name or Wildcat Undes, Legg, Bone Spring

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: Re - Entry ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

6/19 - 6/26, 2008

Set Anchors, Dugout cellar, Weld wellhead on 8-5/8" csg; R.U. Tyler Well Service PU. Drilled out Surf plug; Drilled out cmt plug 398 - 403; tag 3rd plug @ 608' and Drld out; Tag 4th plug @ 3115', Drld to 3221' and Tag 5-1/2" csg; Circ hole clean. Run 7-3/4" Concave mill, Drld 3321' - 3323' (2'); POOH For 4-3/4" Bit.; RIH tagged mud and metal @ 4636', Circ hole clean; tag 6th cmt plug @ 5064'; drld to 5084 - JIH, Circ clean; POOH, install 4-3/4" diamond shoe, Pr test Csg to 1000 psi and held w/ No sign of leak. SI, SDFN 6/27 - 7/03, 2008

RIH, drld through 6th cmt plug @ 5290'; POOH; RIH, displaced well @ 4 BBLS/min, 800 psi; POOH; RIH w/tbg, set Pkr, test OK; POOH w/ Pkr: RU wireline, run GR logs: Pf 5634' - 5648', 28 holes. POOH w/ wireline, RIH w/ 2-7/8" tubing, Pkr; spot 1 BBL Acid across pfs, Press csg to 500 psi; pump 1000 gal 7-1/2% HCL + 56 BS (95.2 BL); Swab total of 600 BBLS fluid. SI; SD for 4th July 7/7 - 7/9, 2008

Swabbed total 740 BBLS; Total fluid recovered 1340 BBLS (1245 BBLS over Load); NSOG; ND BOP, RD WOR, moved off location; Hold for poss conversion to SWD.

Spud Date: Re-Entry 6/19/2008

Rig Release Date: WOR Released 7/09/2008

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE _____ TITLE President DATE 5/03/2010

Type or print name William J Savage E-mail address: billssavage@verizon.net PHONE: 432-686-0847

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

AMTEX ENERGY, INC.
P. O. BOX 3418
MIDLAND, TEXAS 79702
Office- (432) 686-0847

Daily Completion Report:
Tomahawk Unit Well No. 1
Unit L, 2011' FSL, 660' FWL,
Section 31, T-21-S, R-35-E,
Lea County, New Mexico

Company Man:
Bill Savage
Cell- (432) 770-0913

Note: Each daily report is the 24 hour record of operations on that report date.

<u>Date</u>	<u>Operations:</u>
06/19/08	Set Anchors w/ Hobbs Anchor Service.
06/20/08	Dug out cellar (Victory Services) X welded wellhead on 8-5/8" csg (Ben's Welding Service)
06/21/08	Deliver and unload one truck load w/ 2 slips, and 2-7/8" N-80 tbg. Set pipe racks X 2 rig mats. MIRU Tyler Well service PU X WHR Rental Reverse Unit X NUBOP X Connected 7-7/8" bit #5025562 X RU swivel and picked up 4-3/4" collar X tagged first plug @ 10' from Surf. Drilled from 10-85' X Circ. Clean X Layed down swivel X picked up 3 (4-3/4") collars X 3 jnts tbg X tagged cmt @ 270' X drilled down to 289' X tagged metal, Circ. Clean X POOH X Shut in well.
06/22/08	Ran 7-7/8" shoe w/ diamond cut and wires X 6 (4-3/4") collars X 3 jnts tbg X RU Reverse Unit X cut down 4' cmt X POOH w/ 3 pieces of metal X RIH w/shoe again X cut out 3' core X POOH X RIH w/ 7-7/8" bit X 6 (4-3/4") collars X 3 jnts tbg X tag cmt @ 398' X drill down to 403' through cmt X pick up 7 jnts tbg and tag 3 rd plug @ 608' X drilled through 681' X Circ. Clean X Shut in Well.
06/23/08	Set Frac Tank X RU Reverse Unit X Drilled from 681-790' X Circ. Clean X RIH w/ 14 jnts tbg X tag 4 th cmt plug @ 3115' X drill down to 3221' X tagged 5-1/2" csg X Circ. Clean X POOH X Shut in Well.
06/24/08	Ran 4-3/4" bit #16961207 w/6 (3-1/2" collars) X 99 jnts tbg X tag 5-1/2" csg @ 3221' X could not drill into 5-1/2" csg X attempted to enter 5-1/2" csg for 2 hours X called in for 7-3/4" concave mill X laid down swivel X POOH X Shut in well. Key Services delivered 2 loads FW. Note: 4-3/4" bit had 1 tooth missing from #2 tongue and 2 teeth missing from #3 tongue.

06/25/08 Connected 7-3/4" Concave Mill to 4-3/4" drill collar X RU Reverse Unit X RIH w/ 6 (4-3/4") collars X 99 jnts 2-7/8" tbg X tagged 5-1/2" liner @ 3221'. Drill down 2' to 3223' X RD Reverse Unit X POOH X put 4-3/4" bit on X RIH w/ 6 (4-3/4") collars 125 jnts 2-7/8" tbg X tagged mixture of mud and metal @ 4636' Circ. Clean for 20 min X RIH w/ 34 more jnt 2-7/8" tbg (total of 159 jnts tbg) X tagged 6th cmt plug @ 5064' X drilled down to 5080' X Circ. Clean X RD Reverse Unit X POH w/ 1 stand 2-7/8" tbg X Shut in well X Shut down
Note: Shut down due to lightning @ 6:00 pm New Mexico Time

06/26/08 RU Reverse Unit X RIH one stand 2-7/8" tbg X cont. drilling cmt plug #6 @ 5080' Drilled to 5084' hit JIH X Circ. Clean X RD Reverse Unit X POOH to install 4-3/4" diamond shoe and 6' extension X RIH 6 (3-1/2") collars, 159 (2-7/8") jnts tbg X start drilling @ 5084'-94' X punched on cmt 2 x, pressure to 1000lbs, no sign of leak X RD reverse unit X POOH w/ 4- 3/4" diamond shoe X 3' 2-3/8" tbg X replaced w/ 4- 3/4" bit X RIH w/ 6 3 -1/2" collars X 1 stand tbg X shut in well X shut down
Note: Missing 5 teeth on the #3 tongue X 2 missing on #2 tongue

06/27/08 RIH w/ 156 jnts 2 70" tbg X RU WRH reverse unit X continued drilling through 6th cmt plug X fall through @ 5290' X RD swivel X POOH w/ 9 stands tbg X pressure test to 1500 psi X test ok X bleed off X POOH w/ 70 jnts, 1 stand tbg X 6 3-1/2" collars X RIH w/ 6 4-3/4" collars X 99 jnts tbg w/ a 7-7/8" bit X 8-5/8" scraper X POOH w/ 21 stands tbg X shut in well X shut down

06/28/08 POOH w/ 8-5/8" scraper X 7-7/8" bit X lay down scraper X RIH w/ taper mill X 6 3-3/4" collars, 99 jnts tbg X cut down 2" X POOH X lay down collars, taper mill X RIH w/ 4-3/4" bit X 5-1/2" scraper, 190 jnts tbg X POOH w/ 10 stands tbg X shut in well X shut down

06/29/08 RIH w/ 10 stands 2-7/8" tbg X RU reverse unit X began to displace well @ 4 BBLS min, 800 psi X layed down 7 jnts tbg X POOH w/ scraper X RIH w/ 183 jnts tbg X set packer, test ok X POOH w/ packer, let packer stand X shut in well X shut down

06/30/08 RU gray wire line services X tried running gamma ray log, could not get into 5-1/2" csg, tried for 1 hr X POOH w/ gamma ray log X RIH w/ gamma ray log, perforate gun, decentralizer X logged 5700 ft-4800 ft X perforated @ 5634-48 ft, 28 holes, 120 degrees phasing X POOH X RD Gray Wire line X RIH w/ 183 jnts 2-7/8" tbg, 2 7/8" packer X set packer X RU CUDD energy services X spot 1 BBL Acid across perfs X pressured up csg to 500 psi X pump 1000 gal 7.5% HCL Acid as follows:

Start acid at 1.2 BPM and Formation broke down at 2750 psi X flushed w/ 23 BBLS FW X STP = 3005 psi X 5 min. ISIP = 489 psi X 10 min. ISIP = 443 psi X 15 min. ISIP = 443 psi X total balls dropped = 56 X total 95.2 BBLS recoverable fluid.

RU to flow back X well flowed 15 BBLS fluid and died X RU swab w/ Tyler's Well Service X swapped 25 BBLS fluid and could not go down pass 1500' due to perafin X Shut Well In X Shut Down.

07/01/08 RU Bullhorn Inc. hot oiler X pump 70 BBLS FW @ 625 psi and at 220° F X start swabbing w/ Tyler's Well Service X made total 21 runs X recovered 200 BBLS X left well shut in on a slight blow X shut down.

07/02/08 RU WOR to swab X Opening pressure = 12 psi X Initial fluid level @ 2600' X total 21 runs X recovered 150 BBLS X Shut in Well X Shut Down.

07/03/08 RU WOR to swab X Opening pressure = 25 psi X Initial fluid level @ 2600' X made 26 runs X recovered 210 BBLS fluid X Shut Well In X Shut down for July 4th Weekend.

07/07/08 RU WOR to swab X Opening pressure @ 18 psi X Initial fluid level @ 2000' X made 36 runs X recovered 380 BBLS fluid X Shut Well In X Shut down

07/08/08 RU WOR to swab X Opening pressure @ 15 psi X Initial fluid level @ 2100' X made total 23 runs X recovered 250 Bbls X left fluid level @ +/- 3800'.

07/09/08 RU Tyler Well Service to swab X opening pressure @ 14 psi X Initial fluid level @ 1850' X made 8 runs X recovered 110 Bbls fluid X ND BOP X RD WOR and moved off location.

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO. 30-025-33069
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. V-3430
7. Lease Name or Unit Agreement Name Tomahawk Unit
8. Well No. 1
9. Pool name or Wildcat Wildcat Delaware

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	
2. Name of Operator Pogo Producing Company	CONFIDENTIAL
3. Address of Operator P. O. Box 10340, Midland, TX 79702-7340	
4. Well Location Unit Letter L : 2011 Feet From The South Line and 660 Feet From The West Line Section 31 Township 21S Range 33E NMPM Lea County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3714' GR	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: Spud, Set Surface, Inter & Prod Csg ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Spud & Set Surface Casing - MIRU Nabors 353. Spud @ 0700 hrs CDT 8/30/95. Drilled 17-1/2" hole to 725'. TD reached 1045 hrs CDT 9/6/95. Ran 21 jts 13-3/8" 85# L-80 ST&C casing. TPGS @ 725'. IFV @ 687'. Howco cmt'd csg w/ 650 sxs Halliburton Lite @ 12.8 ppg followed by 200 sxs Cl "C" + 2% CaCl₂ @ 14.8 ppg. Plug down @ 1715 hrs CDT 9/6/95. Recovered 151 sxs excess cmt. WOC 15 hrs. Cmt has a compressive strength over 500 psi after 8 hrs. Make cut-off. Weld on wellhead & test to 500 psi. NU BOP's & test to 1500 psi.

Intermediate Casing - Drilled 11" hole 725' to 4800'. TD reached @ 0215 hrs CDT 9/12/95. Ran 103 jts 8-5/8" 32# J-55 & S-80 ST&C csg. Float shoe @ 4800'. Float collar @ 4758'. Howco cmt'd w/ 1700 sxs Halliburton Lite @ 12.4 ppg followed by 200 sxs Cl "C" @ 14.8 ppg. Plug down @ 1530 hrs CDT 9/13/95. Recovered 380 sxs excess cmt. ND BOP's & make cut-off. Weld on wellhead and test to 1500 psi. NU BOP's & test to 1500 psi.

TD & Production Casing - Drilled 7-7/8" hole to 9100'. TD reached @ 1615 hrs CDT 9/19/95. Logged well w/ Halliburton. Ran 211 jts 5-1/2" 17# J-55 & N-80 csg. Float shoe @ 9100'. Float collar @ 9057'. Stage tool @ 6509'. Howco cmt'd 1st stage w/ 650 sxs Cl "H" + 5 pps Microbond + 2.4 pps KCl + .6% H332 @ 15.6 ppg. Displace cmt & land plug. Drob bomb & open DV tool. Circulated 5 hrs between stages. Recovered 110 sxs excess cmt. Cmt 2nd stage w/ 625 sxs Cl "C" + 12 pps Gilsonite + 2.8 pps KCl + .3% H332 + .3% H344 @ 14.1 ppg. Plug down @ 1800 hrs CDT 9/21/95. TOC @ 3370'. ND BOP's & make cut-off. NU wellhead & test to 2500 psi.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Barrett L. Smith TITLE Senior Operations Engineer DATE 12/1/95

TYPE OR PRINT NAME Barrett L. Smith (915)682-6822 TELEPHONE NO.

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

FEDERAL ABSTRACT COMPANY

P. O. BOX 2228

SANTA FE, NEW MEXICO 87501

RED . STATE LAND

BLUE . FEE LAND

TWP., 21 S RGE 33 E N.M.P.M.

Lea COUNTY

DATE August 21, 1995

STATE POTASH OWNERSHIP

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
/ 30 /	/ 29 /	28	27	26	25
/ 31 /	/ 32 /	33	34	35	36

1. M-873-3 Lease issued 4/24/1939, held by Production
 Lessee: Eddy Potash Inc., P.O. Box 31, Carlsbad, NM 88220

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103

May 27, 2004

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

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-33069
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Pogo Producing Company		6. State Oil & Gas Lease No. V - 3430
3. Address of Operator P.O. Box 10340, Midland, Texas 79701		7. Lease Name or Unit Agreement Name Tomahawk Unit
4. Well Location Unit Letter L : feet from the 2011 ¹ / ₅ line and 660' feet from the West line Section 31 Township 21 ¹ / ₅ Range 38 E NMPM N.M. County Lea		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,726' DF		9. OGRID Number 1789
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		10. Pool name or Wildcat Bilbrey Delaware East
Pit type Steel Depth to Groundwater 17825' Over Distance from nearest fresh water well 1000' Distance from nearest surface water 1000'		
Pit Liner Thickness: mil Below-Grade Tank: Volume bbls; Construction Material		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING ORNS <input type="checkbox"/> P. AND A <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL. <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: <input type="checkbox"/>

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Plug #1- Set CIBP at 8400', cap w/25 sx Cmt., 4/20/06
Plug #2- Set CIBP at 8000', cap w/ 25 sx Cmt., 4/21/06
Plug #3- Spot 40 sx at 7390' Tag 7205' 4/21/06
Plug #4- Spot 25 sx at 6558' 4/22/06
Plug #5- Spot 25 sx at 4598', Tag 4635' 4/22/06
Cut & Pull 3190' of 5 1/2" Casing.
Plug #6- Spot 40 sx Cmt. 3250', Tag 3100' 4/25/06
Plug #7- Spot 35 sx Cmt. 1350', Tag 1198' 4/26/06
Plug #8- Spot 35 sx Cmt. 775', Tag 630' 4/26/06
Plug #9- Spot 35 sx Cmt. 400', Tag 285' 4/28/06
Cut off Well Head Install Dry Marker,
20 sx Cement 60' to Surface.

Approved as to plugging of the Well Bore.
Liability under bond is retained until
surface restoration is completed.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE [Signature] TITLE Agent DATE 4/28/06

Type or print name
For State Use Only

E-mail address:

Telephone No.

APPROVED BY: Gary W. Wink
Conditions of Approval (if any)

OC FIELD REPRESENTATIVE II/STAFF MANAGER
TITLE

MAY 19 2006

DATE

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

Form C-101

May 27, 2004

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

Permit renewal request

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

Operator Name and Address: AMTEX ENERGY, INC., BOX 3418, MIDLAND, TX 79702		OGRID Number: 000785
Property Code 97093	Property Name TOMAHAWK	API Number 30-025 33069
Proposed Pool 1: Undesignated Delaware		Well No. 1
Proposed Pool 2:		

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	31	21S	33E	3	2011	South	660	West	Lea

8 Proposed 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

Additional Well Information

Work Type Code Re-entry	Well Type Code O	Cable/Rotary R	Lease Type Code State: /V-3430	Ground Level Elevation 3726' DF
Multiple No	Proposed Depth 6300'	Formation Delaware	Contractor TBA	Spud Date Upon Approval
Depth to Groundwater: 550'		Distance from nearest fresh water well: none		Distance from nearest surface water: none
Pit: Liner: Synthetic: ___mils thick Clay <input type="checkbox"/> Pit Volume: ___bbls Drilling Method: Closed-Loop System <input checked="" type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17.5"	13 3/8"	85#	725'	850 sx	Surface
11"	8 5/8"	32#	4800'	1900 sx	Surface
7 7/8"	5 1/2"	17#	9100'	1275 sx	3370'

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Re-entry procedure:

Dig out cellar & weld on new wellhead. Rig up completion unit & drill out surface cement plug from 0-60'. Drill out within 8 5/8" casing 4 sets of plugs from: 300-400'; 675-775'; 1250-1350'; and 3200-3300'. Drill down to top of 5 1/2" casing @ 3300' (+/-). Dress off 5 1/2" casing inside the 8 5/8" casing. Run inside the 5 1/2" casing w/4.75" bit & drill out in the 5 1/2" casing - the plug from 4630-4850'. RIH down to PBTD at 6300' (+/-). Perforate & test Delaware @ selected intervals from approximately 4900-5800'. Amtex does not anticipate encountering H2S within zones to be encountered on this re-entry.

23 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 NMOC guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Ann E. Ritchie

Title: Regulatory Agent

E-mail Address: ann.ritchie@wtor.net

Date: 03/28/2008

Phone: 432-444-0913

OIL CONSERVATION DIVISION

Approved by:

Title: PETROLEUM ENGINEER

Approval Date: MAY 13 2008

Expiration Date:

Conditions of Approval Attached ☐

Permit Expires

Date Unless Arranging Underway Re-Entry

REQUEST FOR ADDITIONAL INFORMATION by Mr. William V. Jones

- #6. Please send a list of formation tops from the top of the "Salado" to the Bone Spring including the Capitan Reef and the Members of the Delaware Mountain Group.**

FORMATION TOPS IN THE TOMAHAWK WELL #1

SALADO / OGALALLA	Between surf & 735	
RED BEDS	+/- 735	
RUSTLER ANHYDRITE	1267	
COWDEN ANHYDRITE	+/- 3090	
B/SALT	3315	
YATES / SEVEN RIVERS	Absent	(Back Reef Formations)
T/CAPITAN REEF	3335	
B/CAPITAN REEF	4805	
T/DELAWARE MOUNTAIN GROUP	4805	
BELL CANYON	4932	
CHERRY CANYON	6036	
BRUSHY CANYON	+/- 7102	
T/BONE SPIRNG FORMATION	8765	
BONE SPRING LIME	8765	
Cut Off Sand	8970-83	
(Also called Avalon Sand)		
1st BONES SPRING SAND	NDE	

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Tuesday, May 11, 2010 11:23 AM
To: 'Ann Ritchie'; 'billsavage@verizon.net'
Cc: 'Wesley_Ingram@blm.gov'; Ezeanyim, Richard, EMNRD; Kautz, Paul, EMNRD; Hill, Larry, EMNRD; Macquesten, Gail, EMNRD; Sanchez, Daniel J., EMNRD; Phillips, Dorothy, EMNRD
Subject: Disposal application from Amtex Energy Inc.: Tomahawk #1 30-025-33069 Bell Canyon interval

Hello Mr. Savage and Ms. Ritchie:

Reviewed your application to convert this well to disposal operations and have the following questions and requests.

Thank you for doing such a good job with this application – it was very easy to follow.

The major issue is that Rule 5.9 restricts the OCD from issuing any Disposal Permits until the number of inactive wells are below a prescribed number. You can review this rule on the Division's web site, but the following are links using OGRID 785 (Amtex Energy Inc) which highlight Amtex's status. There is also a bond required on one well. You can work with Dorothy Phillips of this office in Santa Fe to post the bond. The number of inactive wells or an agreement to return them to compliant status should be worked out with Daniel Sanchez or Gail MacQuesten of this office. If there is a catch 22 situation where this disposal well is needed to return wells to compliance, please let Daniel and Gail know that also.

<http://www.emnrd.state.nm.us/OCD/OCDPermitting/Report/Stats/InactiveWellFinancialAssuranceReport.aspx?Operator=785>

<http://www.emnrd.state.nm.us/OCD/OCDPermitting/Report/Stats/InactiveWellList.aspx?Production=15&Operator=785&ACO=Exclude&TA=Exclude>

Contact info for the entire OCD is:

<http://www.emnrd.state.nm.us/ocd/AboutUs.htm>

Due to the inactive wells – this application will be cancelled from our pending list. Let me know if you make progress on reducing the number.

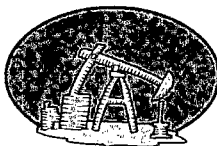
To re-activate this application in the future, new notices may be required.

In case this does get re-opened, please address the following questions and requests specific to this application:

- a. Please send a "Post Conversion" wellbore diagram showing the injection tubing in place and also showing a new CIBP set within 200 feet below the disposal perforations.
- b. Has the 5-1/2 inch casing been re-installed yet? If not, please plan on circulating cement to the surface from the install depth. If you have done this work, please send in the sundry showing the work to the Hobbs district office.
- c. Please locate and provide notice to the nearest Potash leaseholder – send proof of this notice with a date on it. This was in the past: "Eddy Potash Inc." but could now be a successor.
- d. Please send a copy of the old Cement Bond Log to the Hobbs office for inclusion in the well log files.
- e. My records show the BLM as the surface owner and the minerals under this well site being owned by the State – is this correct?
- f. Please ask your geologist to send a list of formation tops from the top of the "Salado" to the Bone Spring including the Capitan Reef and the Members of the Delaware Mtn. Group.

Regards,

William V Jones, P.E.



AMTEX ENERGY, INC.

P. O. BOX 3418
MIDLAND, TEXAS 79702
(432) 686-0847 Office
(432) 686-0994 – Fax

RECEIVED OCD
2010 JUN -1 P 1:03

May 27, 2010

Mr. William V. Jones, P.E.
State Engineer
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Dear Mr. Jones,

Per your recent e-mail (May 11, 2010) to Ann Ritchie and Bill Savage regarding our SWD Application (C-108) for the Amtex Energy, Inc. ("Amtex"), Tomahawk Well #1, Sec. 31, T-21-S, R-33-E, we are requesting that this Application be re-opened for further consideration.

Amtex has coordinated with Mr. Buddy Hill (NMOCD in Hobbs) to determine what our deficiencies were. Regarding the 5.9 Rule from the OCD, Amtex has brought two wells back into compliance and filed the C-103's. The bond for the third well will be a letter of credit, which is being prepared and will be submitted by June 4, 2010. This should be all that is necessary to comply with Rule 5.9.

In your e-mail you also asked the following six (6) questions requesting additional information:

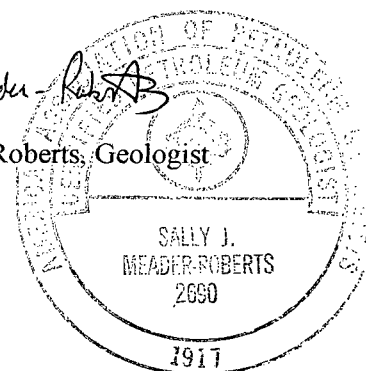
1. Please send a "Post Conversion" wellbore diagram showing the injection tubing in place and also showing a new CIBP set within 200 feet below the disposal perforations.
2. Has the 5 ½" casing been re-installed yet? If not, please plan on circulating cement to the surface from the install depth. If you have done this work, please send in the sundry showing the work to the Hobbs District Office.
3. Please locate and provide notice to the nearest potash leaseholder – send proof of this notice with a date on it. This was in the past: "Eddy Potash, Inc." but could now be a successor.
4. Please send a copy of the old Cement Bond Log to the Hobbs office for inclusion in the well log files.
5. My records show the BLM as the Surface owner and the Minerals under this well site being owned by the State – is this correct?
6. Please ask your Geologist to send a list of formation tops from the top of the "Salado" to the Bone Spring including the Capitan Reef and members of the Delaware Mountain Group.

Please find attached the responses to each of these six (6) questions from Amtex. Should you have any additional questions or require any additional data please feel free to call Mr. William J. Savage at (432) 770-0913. You may also call Sally Roberts, Geologist, at (432)-559-3971.

Regards,

Sally J. Meader-Roberts

Sally J. Meader-Roberts, Geologist

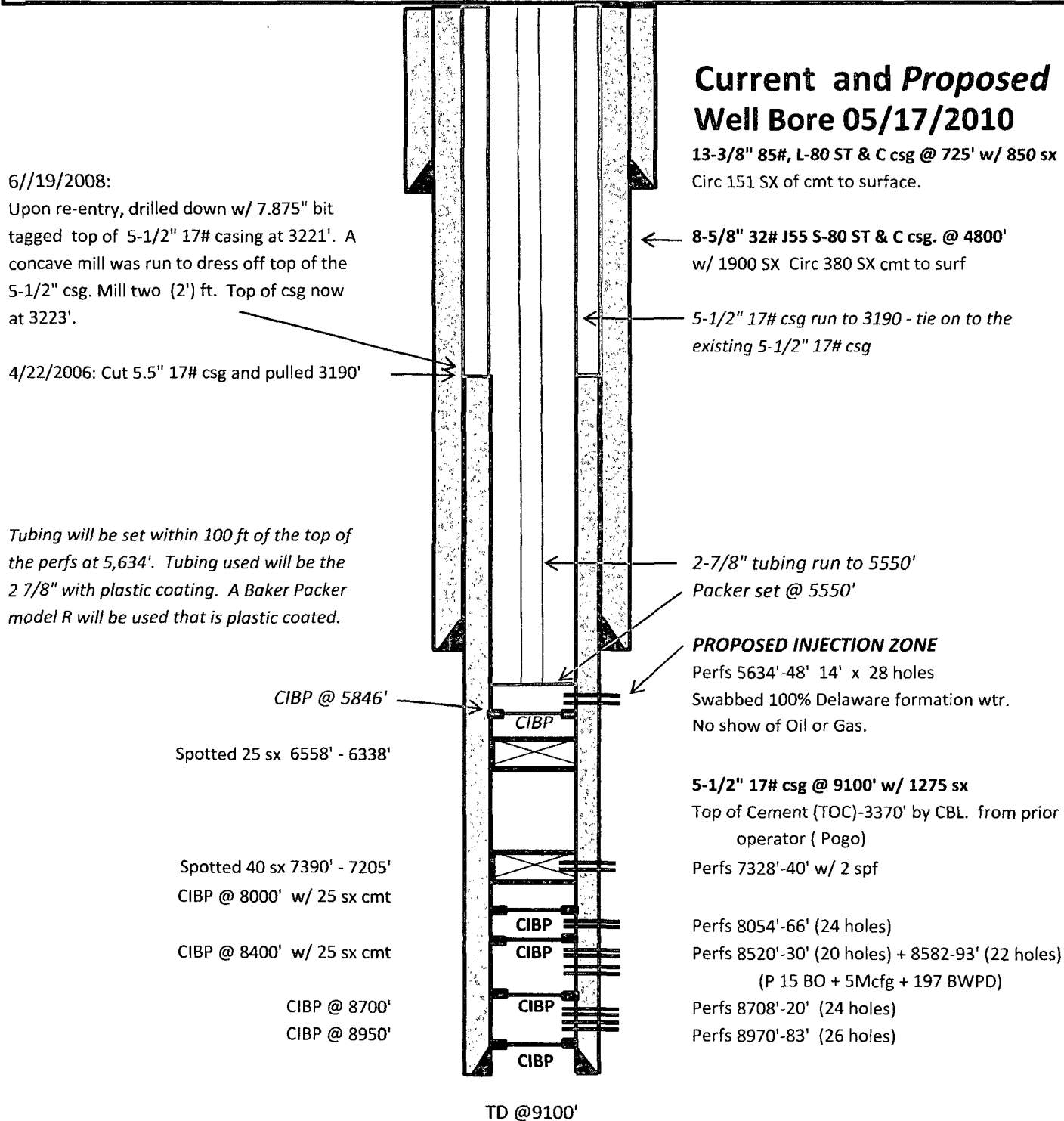


TOMAHAWK WELL #1- REQUEST FOR SWD WELL RE-OPENING

1 of 3

1. Post conversion wellbore diagram showing the injection tubing in place and also showing the new CIBP set within 200 feet below the disposal perforations.

OPERATOR: Amtex Energy, Inc.	NAME OF LEASE: TOMAHAWK	Date: 05/17/2010
API: 30-025-33069	Well: No. 1	By: T.M.
Location: 2011' FSL & 660' FWL, Sec. 31, T21S, R33E, Lea County, New Mexico		



- #2. *Has the 5-1/2" casing been re-installed yet? If not, please plan on circulating cement to the surface from the install depth. If you have done this work, please send in the sundry showing the work to the Hobbs district office.***

As of 5/24/2010 the 5-1/2" casing has not been run in well and tied back to the surface. ✓

- #3 *Please locate and provide notice to the nearest Potash leaseholder - send proof of this notice with a date on it. This was in the past: "Eddy Potash Inc." but could now be a successor.***

**Yes; Postash company is Intrepid Potash and they have been notified.
See attached copy of the certified mailing receipt.**

(5/13/10) ✓

- #4 *Please send a copy of the old Cement Bond Log to the Hobbs office for inclusion in the well log files.***

We do not have the original copy of the old Cement Bond Log. It was ran by the original operator, Pogo Producing Company. ✓

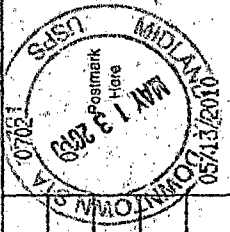
- #5 *My records show the BLM as the surface owner and the minerals under this well site being owned by the State - is this correct?***

Yes, the BLM has already been notified. ✓

U.S. Postal ServiceTM
CERTIFIED MAILTM RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com
OFFICIAL USE

Postage	\$ 1.73
Certified Fee	\$2.80
Return Receipt Fee (Endorsement Required)	\$2.30
Restricted Delivery Fee (Endorsement Required)	\$0.00
Total Postage & Fees	\$ 6.83



Sent to
Intrepid Potash Attn: Richard Miller
 Street, Apt. No. 767 17th St., Ste. 4200
 or PO Box No.
 City, State, ZIP+4[®] **Denver, CO 80202**

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
PO BOX 2088, SANTA FE, NM 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-33069	Pool Code 96432	Pool Name Wildcat Delaware
Property Code 17399	Property Name TOMAHAWK UNIT	Well Number 1
OGRID No. 17891	Operator Name POGO PRODUCING CO.	Elevation 3714

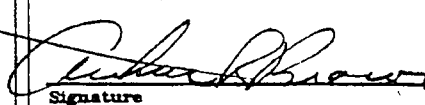
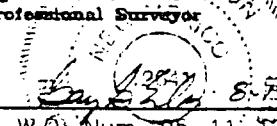
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	31	21 S	33 E	3	2011	SOUTH	660	WEST	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 36.30		Joint or Infill N	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

LOT 1				OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  Signature Arthur R. Brown Printed Name Agent Title August 16, 1995 Date
36.17 AC.				
LOT 2				
36.24 AC.				
LOT 3				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. AUGUST 7, 1995 Date Surveyed G. EIDSON SJA Signature & Seal of Professional Surveyor  W.O. Num. 95-11-1216 Certificate No. JOHN W. WEST 676 RONALD J. EIDSON 3239 GARY EIDSON 12641
660'				
36.30 AC.				
LOT 4				
2011'				
36.37 AC.				

OPERATOR: Amtex Energy, Inc.	NAME OF LEASE: TOMAHAWK	Date: 03/30/2010
API: 30-025-33069	Well: No. 1	By: T.M.
Location: 2011' FSL & 660' FWL, Sec. 31, T21S, R33E, Lea County, New Mexico		

Current and Proposed Well Bore 03/30/2010

13-3/8 85# csg @ 725' w/ 850 sx-Circ 151sx of
Cmt to surface.

Cut 5.5" 17# csg and pulled 3190' when P&A'd
Top of Cement (TOC)-3370 by CBL.

Upon re-entry, drilled down w/ 7.875" bit and
tagged the top of the 5.5" casing at 3221'. Then
a concave mill was ran in order to dress off the
top of the 5.5" csg. *(proposal)*

Tubing will be set within 100 ft of the top of
the perfs at 5,634'. Tubing used will be the
2 7/8" with plastic coating. A Baker Packer
model R will be used that is plastic coated.

8-5/8 32# csg. @ 4800' w/1900 sx-Circ 380 sx of
Cmt to surface.

Perfs 5634-48' w/ (28 holes)

Swabbed 100% Delaware formation wtr.

No show of Oil or Gas.

Perfs 7328-40 w/ 2 spf

Perfs 8054-66' (24 holes)

Perfs 8520-30' (20 holes) + 8582-93' (22 holes)
(P15BO+5Mcfcg+197BWPD)

Perfs 8708-20' (24 holes)

Perfs 8970-83' (26 holes)

5-1/2 17# csg @ 9100' w/ 1275 sx
ETOC-3370'

Spotted 25 sx 6558-6338'

Spotted 40 sx 7390-7205'

CIBP @ 8000' w/ 25 sx cmt

CIBP @ 8400' w/ 25 sx cmt

CIBP @ 8700'

CIBP @ 8950'

TD @ 9100'

*See
OTHER
DIAGRAM*

★

★

WELL HISTORY

OPERATOR: AMTEX Energy, Inc. (POGO)
FEE: Tomahawk Unit #1
LOCATION: 2011 FSL & 660 FWL **API:** 30-025-33069
SEC: 31 (L) **TWP:** 21S **RGE:** 33 E
COUNTY: Lea **STATE:** NM **KB :** 3727

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

TD: 9100 **PBTD:** 9058 **EST. TOC:** 3370 CBL
COMPLETED: 11/10/1995 **OWWO:** See Below **OWWO:** 07/09/2008 **P & A :** 4/28/2006
DRILLING MUD: MW:8.4 VIS:28 Rm:1.23 @ 73 ° F Rm: 0.642 @ 146 ° F
 Chl: Rmf:1.01 @ 74 ° F BHT: 146 ° F

ADDITIVES:
LOGS RUN: HLS: SDL-DSN w/ Gr & Cal DIL-LL

DST's / CORES: SWC Reportedly Taken but depths Not Reported (Prob Basal Brushy Canyon)

	HOLE	CASING							
SURFACE:	17 1/2"	13 3/8	@	725	W/	850	SX;	ETOC -	Circ 151 SX
INTERMEDIATE:	11"	8 5/8	@	4800	W/	1900	SX;	ETOC -	Circ 380 SX
PRODUCTION:	7 7/8"	5 1/2	@	9100	W/	1275	SX;	ETOC -	3370 by CBL

OTHER:
CASING PULLED: YES: CSG CUT @ 3190
 SECTION EXPOSED: None - Cut inside 9 5/8" Casing

ORIGINAL (11/10/95) PROD: P 15 BO + 5 MCFG + 197 BWPD
CUM PROD: (04/2006) 2.7 MBO + no rptd MMCF + 245.3 MBW
PERFS: 8520-30 (20 holes), 8582-93 (22 holes) **INTERVAL:** Brushy Canyon
TREATMENT: ACID W/ 2000 Gal 7 1/2% HCL (Basal Delaware)
 FRAC W/ 28,580 # 20/40 Sand

OWWO (9/1995) PROD: None Reported
CUM PROD: (/) MBO + MMCF + MBW
PERFS: 8970-83 (26 holes) **INTERVAL:** Brushy Canyon
TREATMENT: ACID W/ 1000 Gal 15% HCL
 FRAC W/

OWWO (10/1995) PROD: Reported as "Non-Productive"
CUM PROD: (/) MBO + MMCF + MBW
PERFS: 8708-20 (24 holes) **INTERVAL:** Brushy Canyon
TREATMENT: ACID W/ 1000 Gal 7 1/2% HCL
 FRAC W/ 12,860 # 20/40 Sand

OWWO (9/1999) PROD: "Put Well Back On Production"
CUM PROD: (/) MBO + MMCF + MBW
PERFS: 8054-66 (24 Holes) **INTERVAL:** Brushy Canyon
TREATMENT: ACID W/ 750 Gal 7 1/2% NeFe
 FRAC W/

OWWO (3/2006) PROD: No Recovery Reported
CUM PROD: (/) MBO + MMCF + MBW
PERFS: 7328-40 (2 SPF) **INTERVAL:** U. Brushy Canyon
TREATMENT: ACID W/ 1000 Gal 7 1/2%
 FRAC W/

OWWO	PROD:	Recovered water, no shows	Note: Shut Well In To Evaluate for WDW		
(7/2008)	CUM PROD:	(/)	MBO	+	MMCF + MBW
	PERFS:	5634-48 (28 holes)		INTERVAL:	Bell Canyon
	TREATMENT:	ACID W/ 1000 Gal 7 1/2%			
		FRAC W/			

COMMENTS / RECOMMENDATIONS

Perf 8970-83	Set CIBP @ 8950		
Perf 8708-20	Set CIBP @ 8700		
	Set CIBP @ 8400	w/25 sx	
Perf 8054-66	Set CIBP @ 8000	w/25 sx	
	Set 25 sack plug @ 7390-7205		
Perf 7128-40	Set 25 sack plug @ 6558		
	Set 25 sack plug @ 4635	Plug drilled out	(6 / 2008)
Cut 5 1/2" Csg @ 3190 and pull (Inside 9 5/8" Csg)			
	Set 40 sack plug @ 3250-3100	Plug drilled out	(6 / 2008)
	Set 35 sack plug @ 1350-1198	Plug drilled out	(6 / 2008)
	Set 35 sack plug @ 775-630	Plug drilled out	(6 / 2008)
	Set 35 sack plug @ 400-285	Plug drilled out	(6 / 2008)
	Set 20 sack plug @ 60-Surface	Plug drilled out	(6 / 2008)

CORE DATA

Sidewall Cores:	Report to NMOCD reports sidewall cores were taken but depths Not Reported
-----------------	---

RED TANK, WESTLee Catalano
Meridian Oil**FIELD LOCATION:** Secs 14, 22, 23, 26, 27, 28, 34, 35, T-22-S, R-32-E, Lea County, New Mexico**EXPLORATION METHODS LEADING TO DRILLING OF DISCOVERY WELL:** Subsurface Geology**PRESENT STATUS OF FIELD:** Primary Production**DISCOVERY WELL:** POGO, Federal "27" #1, SESW Sec 27, T-22-S, R-32-ECompletion Date 8/23/92 Total Depth 8850' Producing Interval 8330-8391'Initial Production 50 BOPD + 64 MCFGPD + 200 BWPDProducing Formation Delaware (Brushy Canyon)**OLDEST FORMATION PENETRATED:** Morrow**FLUID DATA:**Oil: Type Sweet Gravity 42.3° @ °F G.O.R. 1060Gas: Analysis (percent) Methane _____ Gravity 830 BTU 1.39 /cu.ft.Original Water: ppm Na + K 55,634 Cl 140,870 Other _____Resistivity .050 Ohms @ 75 °F Rw .030 @ BHT**RESERVOIR DATA:**

Nature of trap: Porous submarine lobe SS draped over pre-Permian structure.

Average Pay _____ Gross ft 35-40 Net ft _____

Lithology: Mass to laminated, very fine grained, well-sorted, arkosic, SS

Porosity 2.5 % to 19 % Permeability .01 md to 23 mdAverage Porosity 14.5 % Average Permeability 6.5 md Reservoir Sw 55-65 %Reservoir Drive Solution Gas Initial BHP 3617 @ 8385'Btm Hole Temp 120-130 °F

Original O/W Contact _____ Original G/W Contact _____ Hydrocarbon Column, Ft. _____

COMPLETION DATA:Well Spacing 40 acres Proven area 1680 acres

Other producing reservoirs in field: Atoka, 1st Bone Spring SS, Delaware (Ramsey)

Normal Completion Program: Perf pay w/4 SPF 120° spinal phasing. Acidize w/45 gal per ft 7-1/2% NEFE
HCl + RCNBS. Frac w/27,000 gal 35# Borate gel plus 100,000# 20/40
Northern white sand @ 25 BPM.**PRODUCTION DATA:**

Best Well in Field: MERIDIAN OIL, Red Tank Federal #6, 29,128 BO + 28,614 MCFG in 5 months

	#WELLS @ YR-END			
YEAR	PROD	SI/ABN	BBLs	MMCF
1991				
1992	1		8,210	8,328
1993	7		85,874	91,351
EST 1994	36		631,921	724,027
TOTAL	36		726,005	873,296

HAT MESA DELAWARE

John Worrall
Scott Exploration, Inc.

FIELD LOCATION: Secs 30 & 32, T-20-S, R-33-E and Secs 4 & 5, T-21-S, R-32-E; Lea County, New Mexico

EXPLORATION METHODS LEADING TO DRILLING OF DISCOVERY WELL: Subsurface mapping of show zones

PRESENT STATUS OF FIELD: Producing from 19 wells

DISCOVERY WELL: STRATA PRODUCTION, NM Fed #1, Sec 4, T-21-S, R-32-E

Completion Date 9/18/89 Total Depth 14,004' (reentry) Producing Interval 6834-6869'

Initial Production 148 BOPD + 201 MCFGPD + 20 BWPD

Producing Formation Brushy Canyon

OLDEST FORMATION PENETRATED: Pennsylvanian Morrow

FLUID DATA:

Oil: Type Sweet Gravity 37.6° @ 72 °F G.O.R. 1570

Gas: Analysis (percent) Methane 52.54 Gravity .982 BTU 1295 /cu.ft.

Original Water: ppm Na + K 62,379 Cl 145,393 Other

Resistivity .041 Ohms @ 72 °F Rw .029 @ BHT

RESERVOIR DATA:

Nature of trap: Stratigraphic

Average Pay 150 Gross ft 80 Net ft.

Lithology: Very fine - grained arkosic sandstone

Porosity 12 % to 22 % Permeability .5 md to 36 md

Average Porosity 16 % Average Permeability 1-5 md Reservoir Sw 55 %

Reservoir Drive Solution Gas Initial BHP NA @

Btm Hole Temp 125 °F

Original O/W Contact Multiple Original G/W Contact None Hydrocarbon Column, Ft. Approx 100' per zone

COMPLETION DATA:

Well Spacing 40 acres Proven area 1000 acres

Other producing reservoirs in field: Brushy Canyon Sandstones

Normal Completion Program: Acidize each zone w/1000 gal 7-1/2% NEFE. Swab. Frac w/20,000-100,000# sand. Move to next zone and repeat.

PRODUCTION DATA:

Best Well in Field: STRATA PRODUCTION, NM Fed #5, 85,011 BO through 4/1994

	#WELLS @ YR-END			
YEAR	PROD	SI/ABN	BBLS	MMCF
1990				
1991	9		128,289	74,799
1992	10		178,500	106,938
1993	15		238,745	218,756
EST 1994	19		250,000	250,000
TOTAL			795,534	650,493

31-21S-33F



HALLIBURTON

SPECTRAL DENSITY
DUAL SPACED
NEUTRON LOG

[illegible]

SERVICE TICKET NO. : 036385		API SERIAL NO. : 30-025-23069		RPM VERSION: 2.00	
CHANGE IN MUD TYPE OR ADDITIONAL SAMPLES		RESISTIVITY SCALE CHANGES			
DATE: SAMPLE NO. : 09/20/95:		TYPE LOG	DEPTH	SCALE UP HOLE	SCALE DOWN HOLE
DEPTH-DRILLER					
TYPE FLUID					
IN HOLE					
DENS. : VISC					
RM : FLUID LOSS					
SOURCE OF SAMPLE		RESISTIVITY EQUIPMENT DATA			
RM @ MEAS TEMP	0	RUN NO	TOOL TYPE & NO	PAD TYPE	TOOL POS.
RNF @ MEAS TEMP	0				
RMC @ MEAS TEMP	0				
SOURCE: RM:RMC	:				
RM @ BHT	.642 0146				
RNF @ BHT	.593 0146				
RMC @ BHT	.750 0146				

EQUIPMENT DATA									
GAMMA		ACOUSTIC		DENSITY		NEUTRON			
RUN NO.	ONE	RUN NO.	ONE	RUN NO.	ONE	RUN NO.	ONE	RUN NO.	ONE
SERIAL NO.	108632	SERIAL NO.	112824B	SERIAL NO.	112824B	SERIAL NO.	112824B	SERIAL NO.	112824B
MODEL NO.	432	MODEL NO.	463	MODEL NO.	463	MODEL NO.	463	MODEL NO.	463
DIAMETER	3.625"	NO. OF CENT.	4.5	DIAMETER	4.5	DIAMETER	4.5	DIAMETER	3.625"
DETECTOR MODEL NO.	182A	SPACING	LOG TYPE	LOG TYPE	G-6	LOG TYPE	G-6	LOG TYPE	G-6
TYPE	SCINT	SOURCE TYPE	SD-137	SOURCE TYPE	SD-137	SOURCE TYPE	SD-137	SOURCE TYPE	SD-137
LENGTH	4"	LSA (Y/N)	SERIAL NO.	SDL-139	SERIAL NO.	SDL-139	SERIAL NO.	SDL-139	SDL-139
DISTANCE TO SOURCE	NA	FINDA (Y/N)	STRENGTH	1.5 CI	STRENGTH	1.5 CI	STRENGTH	1.5 CI	STRENGTH

[illegible]

REMARKS:
ANNULAR HOLE VOLUME CALCULATED USING 3.5 INCH CASING.
THE DILL WAS RUN IN COMBINATION WITH THE SDL-DSN.
DSN CASING PARAMETERS: 8.625 INCH, 34 LB. CASING, 11 INCH O.D. SIZE
THE SDL WAS LOGGED 300 FEET INTO CASING AT CUSTOMERS REQUEST.

THE SUBSURFACE LIBRARY
P.O. BOX 2538
MIDLAND, TEXAS 79702

MAIN SECTION 2" = 100'

GAMMA		BMV	MEL POROSITY	
0	API	100	FT3	30
CALIPER			AMV	
INCHES		16	FT3	2.8
Q LONG				GM/CC
4.5	-0.5		-0.2	GM/CC
Q SHORT				PE CORR
-4.5	0.5		-0.5	4.5

4400

4500

4600

4700

4800

4900

5000

5100

5200

5300

5400

MAIN SECTION 2" = 100'

LATEROLOG

0.2

OHM-M

2800

MEDIUM IND.

0.2

OHM-M

2400

DEEP IND.

0.2

OHM-M

2400

B / CAPITAN REEF

DELAWARE MOUNTAIN GROUP

T / BELL CANYON

4900

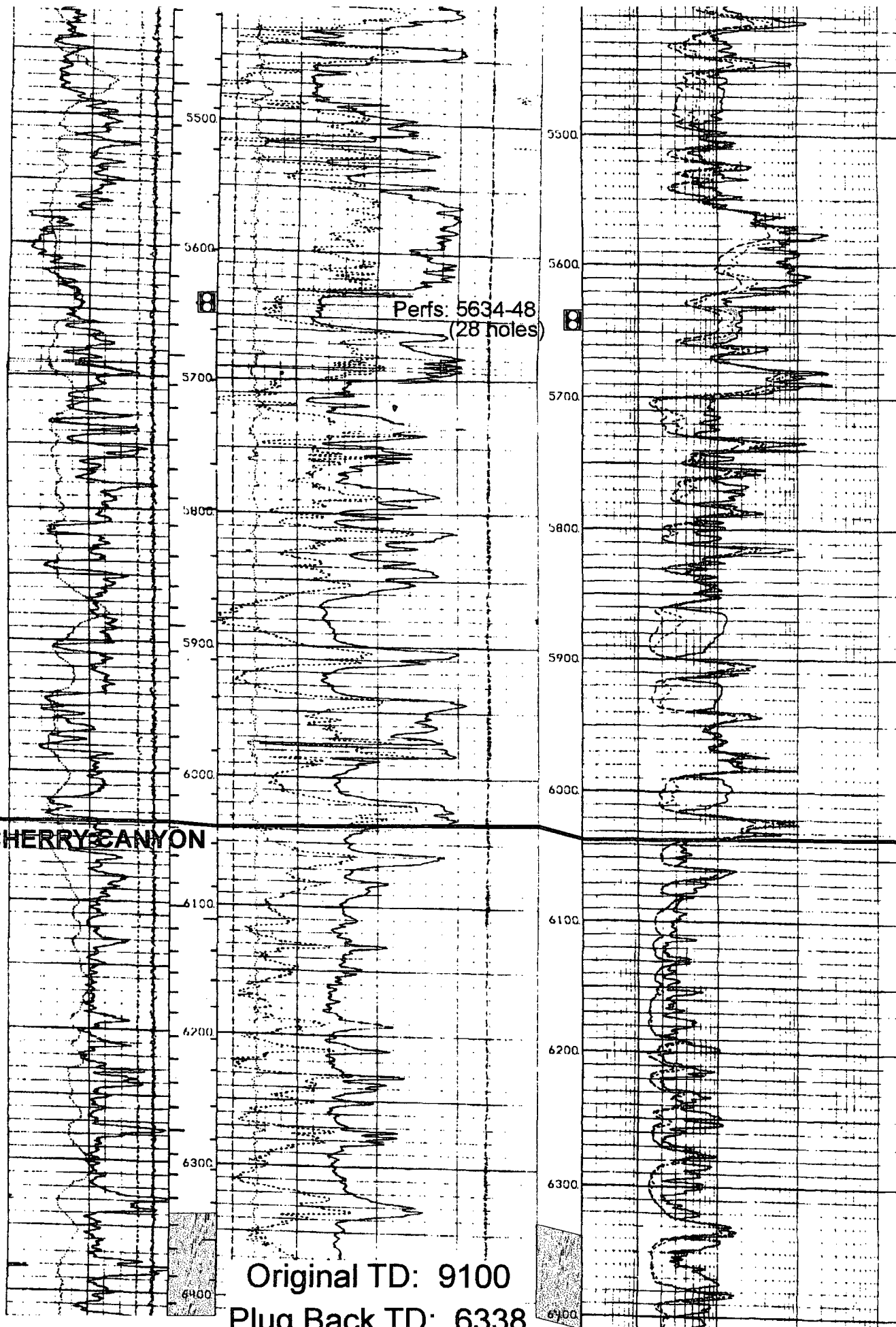
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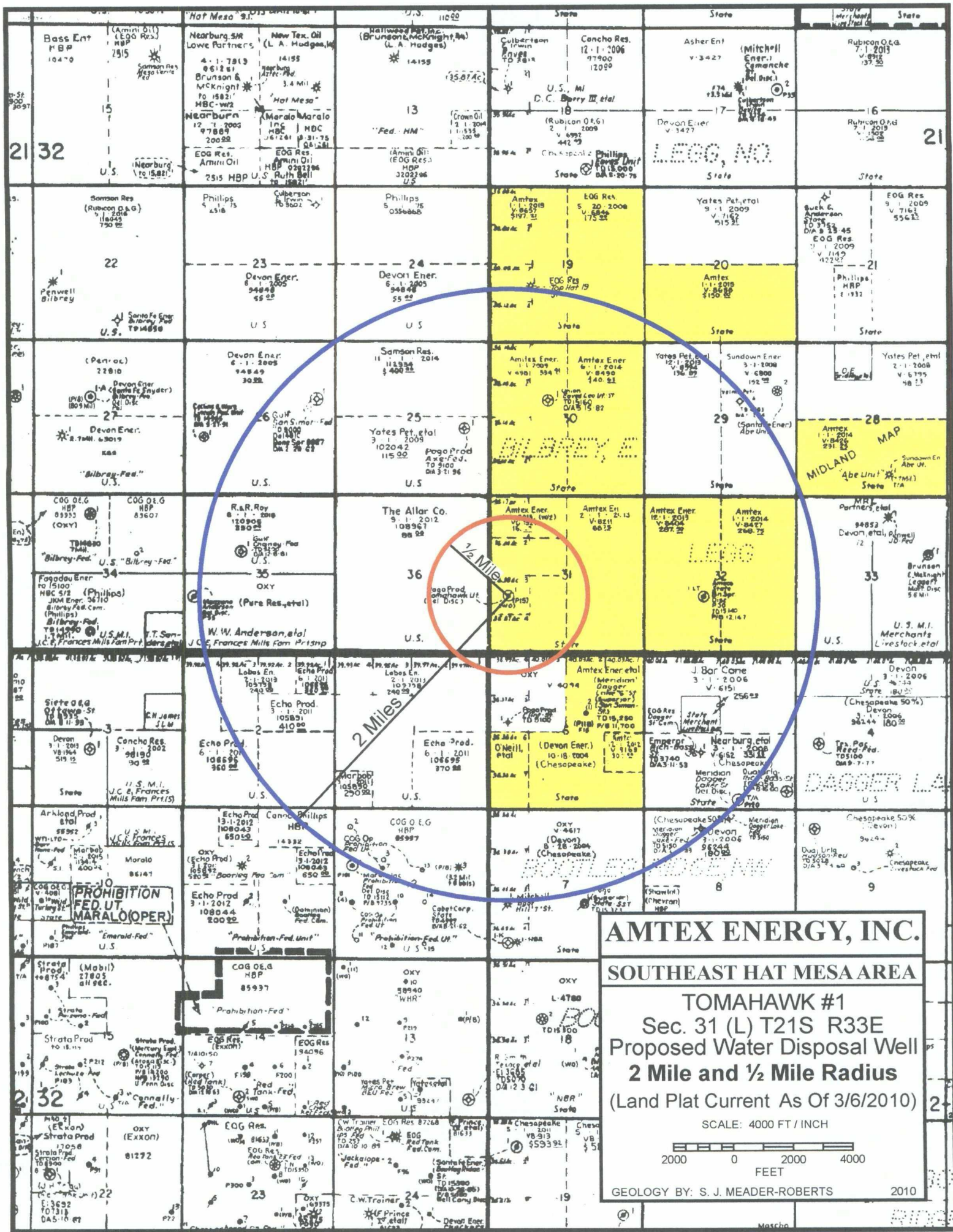
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5300

5400





AMTEX ENERGY, INC.

SOUTHEAST HAT MESA AREA

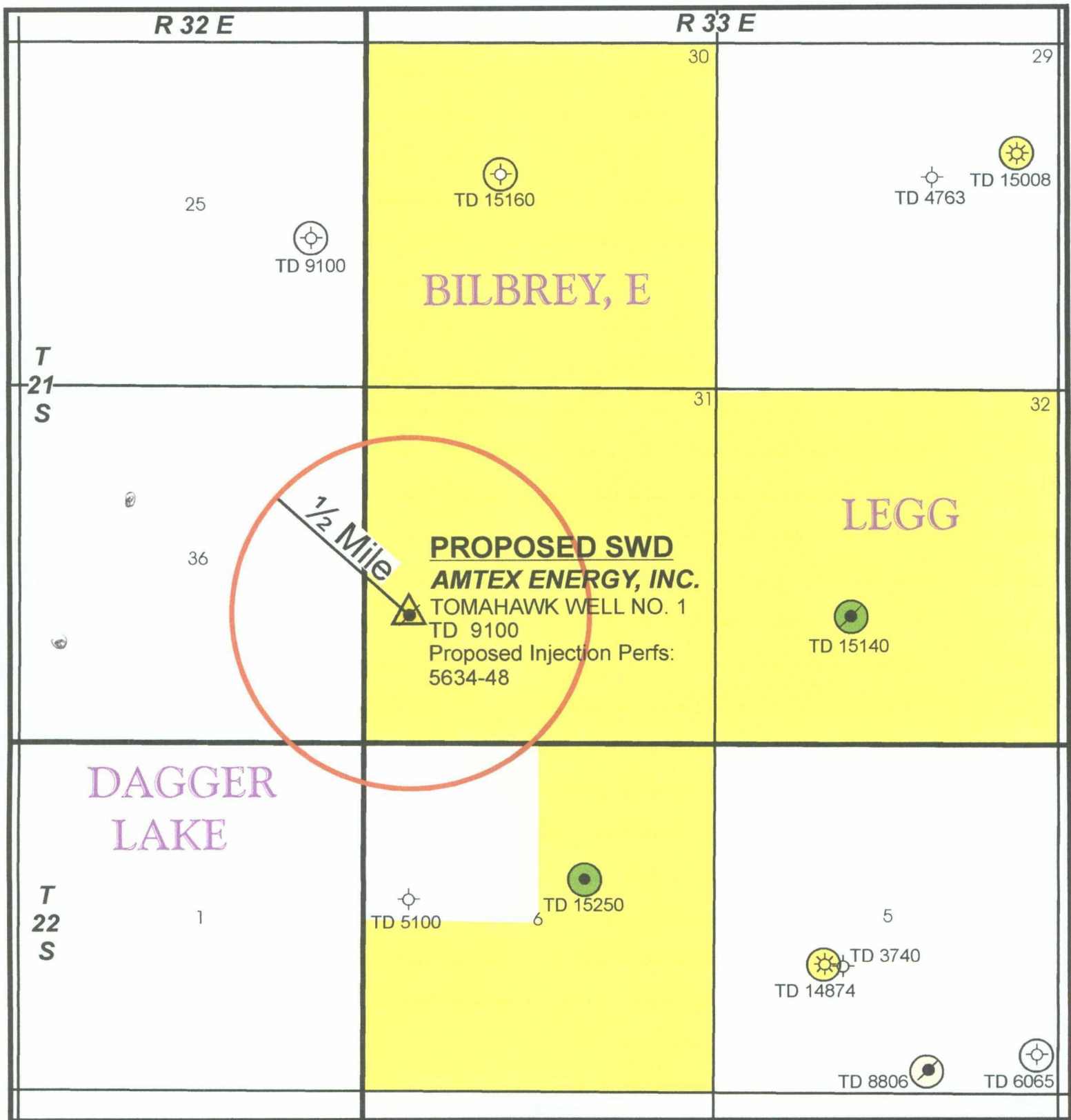
TOMAHAWK #1
Sec. 31 (L) T21S R33E
Proposed Water Disposal Well
2 Mile and 1/2 Mile Radius
(Land Plat Current As Of 3/6/2010)

SCALE: 4000 FT / INCH



GEOLOGY BY: S. J. MEADER-ROBERTS

2010



Application For Authorization To Inject

VI

Here are the tabulations of all wells and leases of public record within the area of review for the TOMAHAWK WELL NO. 1 SWD. All wells and leases are located in Lea County, New Mexico as described, see attached map.

Wells:

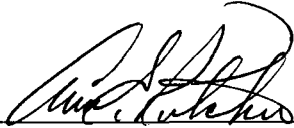
Amtex Energy Inc. (POGO PRODUCING COMPANY)
TOMAHAWK WELL NO. 1
L Sec. 31-T21S-R33E
2011 FSL 660 FWL
TD 9100 (Bone Spring)
P 15 BO + 5MCFG + 197 BW
Delaware Sands 8520-93 8054-8066
Well P&A 4-28-2006

Leases:

Sec 31-T21S-R33E	State Lease	Amtex Energy, Inc. P.O. Box 3418 Midland, TX 79702
NW/4 Sec 6-T22S-R33E	State Lease	OXY USA Inc. P.O. Box 27570 Houston, TX 772277570
1 Sec 21-T22-R32E	Federal Lease	Lobos Energy 3817 NW Expressway Suite 950 Oklahoma City OK 73122
Sec 36-T21S-R32E	Federal Lease	The Allar Company Ed Graham P.O. Box 1567 Graham, TX 76450

Amtex Energy, Inc.
Tomahawk, #1
Section 31, T21S, R33E
Lea County, New Mexico

Copies of the C-108 Data Sheet and map have been sent to the landowners as listed on the sheet attached on April 12, 2010.



Ann E. Ritchie, Regulatory Agent
Amtex Energy, Inc.
(432) 684-6381
ann.wtor@gmail.com

Carlsbad Field Office - State Land Office
Carlsbad Field Office - Bureau of Land Management
Merchant Livestock Co., 120 N. Canyon St., Carlsbad, NM 88220

Current landowners within a ½ mile radius of the TOMAHAWK WELL NO. 1.

State Land Office: For Sec. 6, T22S, R33E and for Sec. 31, T21S, R33E

Carlsbad Field Office
602 N. Canal Street, Suite B
Carlsbad, NM 88220

Phone: (575) 885-1323
Fax: (575) 885-3964

BLM: For Sec. 36, T21S, R32E and for Sec. 1, T22S, R33E

Carlsbad Field Office
Bureau of Land Management
620 E. Greene St.
Carlsbad, NM 88220

(575) 234-5972 PHONE
(575) 885-9264 FAX

Surface lessees from the State and BLM for the ½ mile radius for the
TOMAHAWK WELL NO. 1

Merchant Livestock Company
P.O. Box 1166
Carlsbad, NM 88220

Or

Merchant Livestock Company
120 N. Canyon St.
Carlsbad, NM 88220

Telephone number for Merchant Livestock Company: 575-885-6525

Application For Authorization To Inject

VII

1. The proposed average daily rate and volume of fluid to be injected is 2000 BWPD.
The proposed maximum daily rate and volume of fluids to be injected is 3000 BWPD.
2. The system is closed.
3. The proposed average injection pressure is 1250 psi.
The proposed maximum injection pressure is 1400 psi.
4. Sources and an appropriate analysis of the injection fluid and compatibility.
The average Chlorides for upper Delaware Sands 140,000-160,000 ppm.
See Attached sheet
5. The injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well. See attached chemical analysis of the disposal zone formation water.

709 W. INDIANA
MIDLAND, TEXAS 79701
FAX (432) 682-8819

LABORATORY NO. 708-105
SAMPLE RECEIVED 7-8-08
RESULTS REPORTED 7-11-08

LEASE Tomahawk Unit #1

SECTION _____ BLOCK _____ SURVEY _____ COUNTY Lea STATE NM

NO. 1 Middle run of the last run of the day. 7-7-08 (7:00 p.m.)

NO. 2

NO. 3

NO. 4

REMARKS:

Delaware

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.1370			
pH When Sampled				
pH When Received	6.63			
Bicarbonate as HCO ₃	134			
Supersaturation as CaCO ₃				
Undersaturation as CaCO ₃				
Total Hardness as CaCO ₃	59.500			
Calcium as Ca	16.400			
Magnesium as Mg	4.496			
Sodium and/or Potassium	57.842			
Sulfate as SO ₄	894			
Chloride as Cl	130.640			
Iron as Fe	8.9			
Barium as Ba	0			
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	210.406			
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen				
Hydrogen Sulfide	0.0			
Resistivity, ohms/m at 77° F.	0.055			
Suspended Oil				
Filterable Solids as mg/l				
Volume Filtered, ml				

Results Reported As Milligrams Per Liter

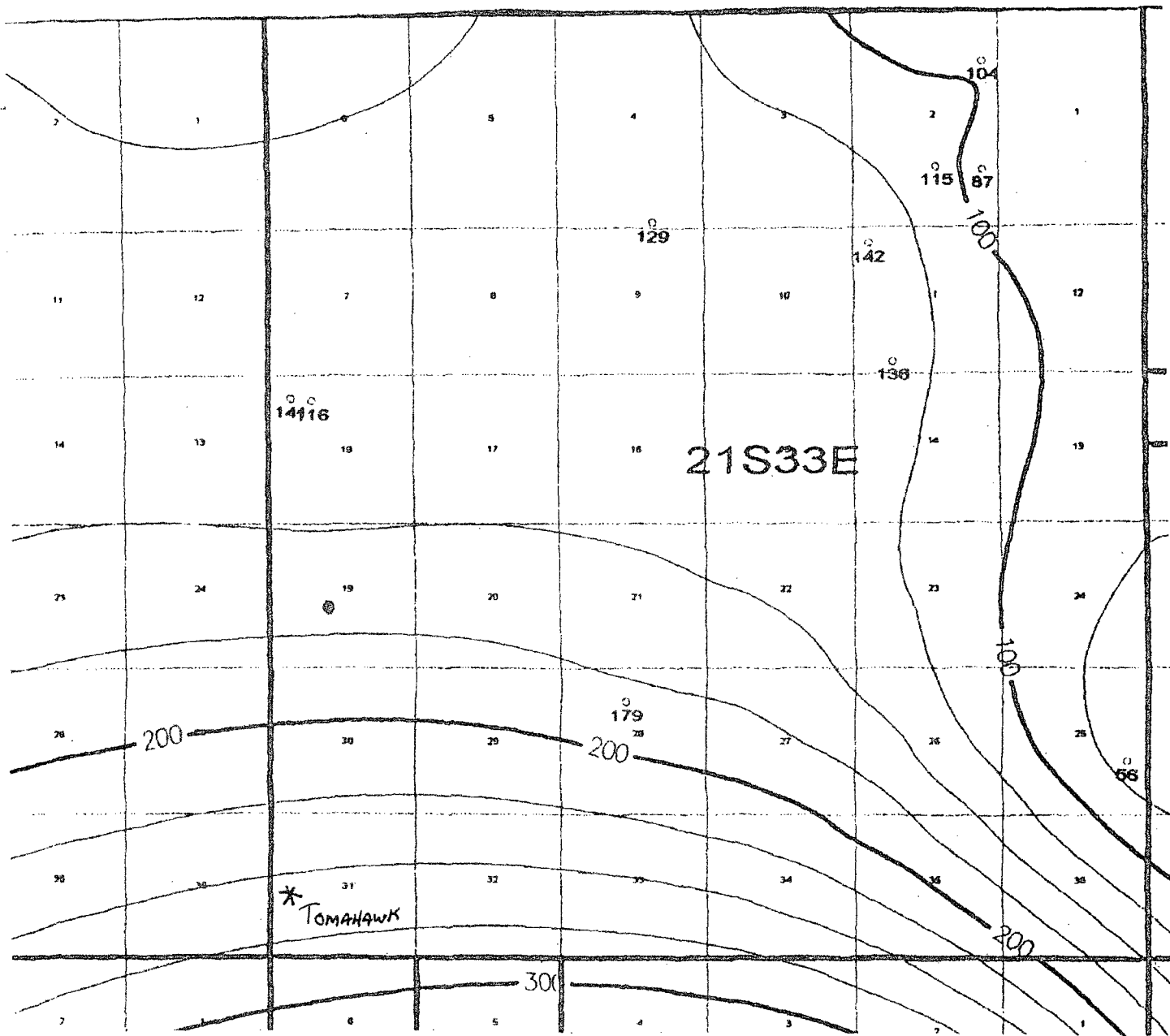
Additional Determinations And Remarks

This water has salt levels and ratios that compare well with our

Delaware records in southwest Lea county.

By

Greg Ogden, B.S.



GROUND WATER APPROXIMATELY 260'

NM WAIDS

[DATA](#)[MAPS](#)[HOME](#)[SCALE](#)

General Information About: Sample 10210			
Section/ Township/Range	18 / 21 S / 33 E	Lat/Long	32.4797 / -103.61
Elevation	3880	Depth	150
Date Collected	11/9/1984	Chlorides	14
Collector / Point of Collection	SEO / DP	Use	Stock
Formation	OAL	TDS	0



Application For Authorization To Inject

XI

There are no fresh water wells available and/or producing for a chemical analysis of freshwater within one mile of the well location for the proposed saltwater disposal well located:


TOMAHAWK WELL NO. 1
2011' FSL and 660' FWL
Sec 31 (L), T21S, R33E
Lea County, New Mexico

Tomahawk Well #1
2011 FSL & 660 FEL
Section 31, T-21-S, R-33-E
Lea County, New Mexico

C-108 Application for Water Disposal Well

XII. I, William J. Savage, as Engineer and Owner of Amtex Energy, Inc., affirm that I have examined available geological and engineering data and find no evidence of open faults or any hydrologic connection between the disposal zone and any underground sources of drinking water.

Name: William J. Savage

Signature: 

Date: March 30, 2010

Tomahawk Well #1
2011 FSL & 660 FEL
Section 31, T-21-S, R-33-E
Lea County, New Mexico

C-108 Application for Water Disposal Well

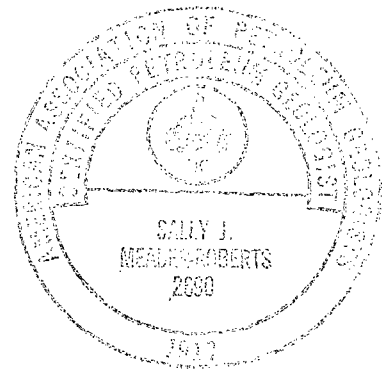
XII. I, Sally J. Meader-Roberts, as a consulting Geologist on behalf of Amtex Energy, Inc., affirm that I have examined available geological and engineering data and find no evidence of open faults or any hydrologic connection between the disposal zone and any underground sources of drinking water. Perforations are in the Middle Bell Canyon approximately 830 feet below the Capitan Reef. There is no feasible way for injected fluids to migrate of into the Capitan Reef.

Name: Sally J. Meader-Roberts

Signature: Sally J. Meader-Roberts

Date: March 30, 2010

CPG 2690



Affidavit of Publication

State of New Mexico,
County of Lea.

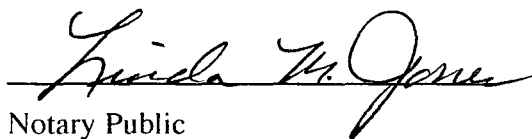
I, KENNETH NORRIS
GENERAL MANAGER
of the Hobbs News-Sun, a
newspaper published at Hobbs, New
Mexico, do solemnly swear that the
clipping attached hereto was
published in the regular and entire
issue of said newspaper, and not a
supplement thereof for a period

of 1 issue(s).
Beginning with the issue dated
March 25, 2010
and ending with the issue dated
March 25, 2010

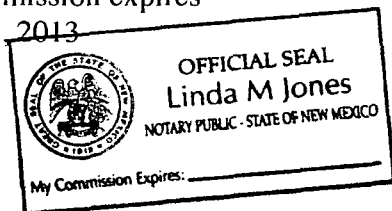


GENERAL MANAGER

Sworn and subscribed to before me
this 5th day of
April, 2010


Notary Public

My commission expires
June 16, 2013
(Seal)



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

LEGAL

LEGAL NOTICE
MARCH 25, 2010

NOTICE OF COMMERCIAL DISPOSAL APPLICATION

Amtex Energy, Inc., c/o P.O. Box 953, Midland, TX 79702
will file the New Mexico Oil Conservation Division Form
C-108, Application for Authorization to inject, with the
NMOCD seeking administrative approval for commercial
water injection/disposal into their Tomahawk, Well #1,
located 2011' FSL & 660' FWL of Sec 31, T21S, R33E, Lea
County, NM. The proposed injection interval is from 5634 to
5648'. The proposed maximum surface pressure is 1408
psi., with a maximum injection rate of 3000 bbls water per
day. The injection water will be sources from the Bone
Springs area formation water at 8000' and Morrow at
12000' from various area operators.

All interested parties opposing the application must file
objection with the New Mexico Oil Conservation Division,
1220 South St. Francis Dr., Santa Fe, NM 87505 within 15
days of this notice. Additional information can be obtained
by contacting Ann Ritchie, Regulatory Agent, Amtex
Energy, Inc., c/o P.O. Box 953, Midland, TX 79702,
(432) 684-6381

#25746

ANN
RITCHIE

67100851

00049144

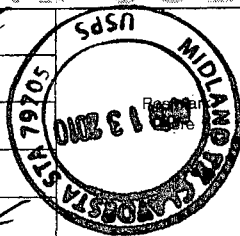
ANN E. RITCHIE
WEST TEXAS OIL REPORTS
PO BOX 953
MIDLAND, TX 79702

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Sent To **MERCHANT LIVESTOCK CO**
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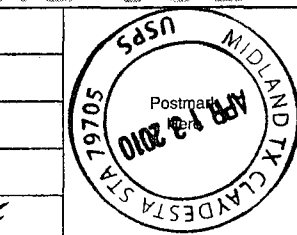
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Street, Apt. No., or PO Box No. **3817 NW EXPRESSWAY STE 950**
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Sent To **BLM**
Street, Apt. No., or PO Box No. **620 E GREENE ST**
City, State, ZIP+4 **CARLSBAD NM 88220**

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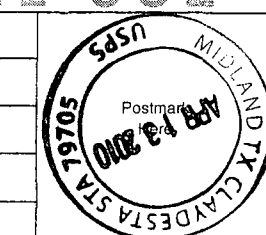
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Sent To **THE ALLAR CO / ED GRAHAM**
Street, Apt. No., or PO Box No. **PO Box 1567**
City, State, ZIP+4 **GRAHAM TX 76450**

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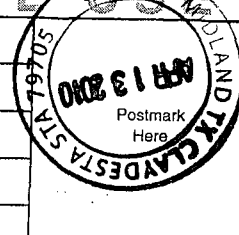
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Restricted Delivery Fee (Endorsement Required)
Total Postage & Fees \$ 3.24



Sent To **OXY USA INC**
Street, Apt. No., or PO Box No. **PO Box 3418**
City, State, ZIP+4 **MIDLAND TX 79702**

PS Form 3800, August 2006

See Reverse for Instructions

Inactive Well Additional Financial Assurance Report

785 AMTEX ENERGY INC

Total Well Count: 12

Printed On: Friday, June 04 2010

Property	Well Name	Lease Type	ULSTR	OCD Unit Letter	API	Well Type	Last Prod/Inj	Inactive Additional Bond Due	Measured Depth	Required Bond Amount	Bond Required Now	Bond In Place	In Violation
306592	ABE UNIT #001	S	O-28-21S-33E	O	30-025-33061	G	07/2007	08/01/2009	15100	20100	Y	0	Y
19253	CHUKAR STATE #001	S	O-16-19S-34E	O	30-025-32747	O	04/1995	05/01/1997	8134	13134	Y	13134	
19207	DAGGER LAKE 5 STATE #001	S	O-5-22S-33E	O	30-025-31653	O	07/1995	08/01/1997	8810	13810	Y	13810	
19206	DAGGER LAKE 6 STATE #002	S	G-6-22S-33E	G	30-025-27573	O	03/2010	04/01/2012	15250	20250		0	
17334	LEA ED STATE NCT-A #001	S	M-16-19S-34E	M	30-025-02387	O	11/2005	12/01/2007	13521	18521	Y	18521	
	LEA ED STATE NCT-A #002	S	K-16-19S-34E	K	30-025-25896	G	05/2008	06/01/2010	13528	18528	Y	0	Y
28635	MALCO A #005	F	1-3-18S-27E	A	30-015-31965	O	03/2010		2550			0	
1226	RECORD #001	F	K-26-19S-35E	K	30-025-31775	O	03/2010		11394			0	
	RECORD #002	P	G-35-19S-35E	G	30-025-03307	O	03/2010	04/01/2012	14100	19100		0	
	RECORD #005	P	E-26-19S-35E	E	30-025-24949	O	03/2010	04/01/2012	10854	15854		0	
19383	TEAPOT #001	S	J-34-18S-34E	J	30-025-25955	O	03/2010	04/01/2012	13650	18650		0	
37093	TOMAHAWK #001	S	3-31-21S-33E	L	30-025-33069	O	07/2003	08/01/2005	9100	14100	Y	0	Y

WHERE Ogrid:785

Inactive Well List

Total Well Count: 12 Inactive Well Count: 3 Since: 3/11/2009

Printed On: Friday, June 04 2010

District	API	Well	ULSTR	OCD Unit	OGRID	Operator	Lease Type	Well Type	Last Production	Formation/Notes	Status	TA Exp Date
1	30-025-02387	LEA ED STATE NCT-A #001	M-16-19S-34E	M	785	AMTEX ENERGY INC	S	O	11/2005	BONE SPRING		
1	30-025-25896	LEA ED STATE NCT-A #002	K-16-19S-34E	K	785	AMTEX ENERGY INC	S	G	05/2008	MORROW		
1	30-025-33069	TOMAHAWK #001	3-31-21S-33E	L	785	AMTEX ENERGY INC	S	O	07/2003			

WHERE Ogrid:785, County:All, District:All, Township:All, Range:All, Section:All, Production(months):15, Excludes Wells Under ACOI, Excludes Wells in Approved TA Period

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Friday, June 04, 2010 2:53 PM
To: 'tmills@amtenergy.com'
Cc: Hill, Larry, EMNRD; Ezeanyim, Richard, EMNRD; Sanchez, Daniel J., EMNRD; Phillips, Dorothy, EMNRD; Swazo, Sonny, EMNRD
Subject: Disposal application from Amtex Energy, Inc.: Tomahawk #1 30-025-33069 Bell Canyon Disposal

Hello Mr. Mills:

Please read this and share with Mr. Savage – his email was not handy.

I looked over your latest application and everything is ready to go EXCEPT....

Amtex Energy Inc. has 3 of 12 wells inactive. Since one of these is the Tomahawk #1 and is the subject of this application, that reduces the number to 2 of 12 - which is OK per Daniel Sanchez.

However, Amtex Energy Inc. needs to post 3 single well bonds.

<http://www.emnrd.state.nm.us/OCD/OCDPermitting/Report/Stats/InactiveWellFinancialAssuranceReport.aspx?Operator=785>

Please work with Dorothy Phillips of this office:

<http://www.emnrd.state.nm.us/oed/adminbureau.htm>

.... To get these 3 bonds posted. This could be done in one day's time and should be an easy fix.

If Dorothy tells me I can proceed, then I will re-look at this application.

This well is BLM surface but State Minerals?

For your info...since this is in a Potash area and you are installing new partial casing and cementing, we may require a Cement Bond Log on the entire production casing (beginning at PBTD) prior to beginning disposal. This would be not only to look for cement tops, but to look at where the cement bond is best. You could not find the older CBL.

Regards,

Will Jones
New Mexico
Oil Conservation Division
[Images](#) [Contacts](#)

From: tmills@amtenergy.com [mailto:tmills@amtenergy.com]
Sent: Friday, May 28, 2010 11:25 AM
To: Jones, William V., EMNRD
Cc: tmills@amtenergy.com
Subject: Re: Re-Opening request from Amtex Energy, Inc.

Dear Mr. Jones,

Here are the other attachments

On Fri May 28 12:11 , 'tmills@amtexenergy.com' <tmills@amtexenergy.com> wrote:

Dear Mr. William V. Jones

Please find attached reponses to your questions regarding the Amtex Energy, Inc.'s application for a permit for a SWD on the Tomahawk Well No. 1 Sec. 31 -T 21S - R 33E. Amtex Energy, Inc. will also send hard copy via postal mail. If you have any questions please let us know.

Regards,

Tim Mills

Amtex Energy, Inc.

Inactive Well Additional Financial Assurance Report

785 AMTEX ENERGY INC

Total Well Count: 12

Printed On: Thursday, June 10 2010

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1226	RECORD #001	F	K-26-19S-35E	K	30-025-31775	O	04/2010		11394			0	
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WHERE Ogrid:785

Jones, William V., EMNRD

From: Phillips, Dorothy, EMNRD
Sent: Tuesday, June 15, 2010 10:42 AM
To: Jones, William V., EMNRD
Subject: RE: Disposal application from Amtex Energy, Inc.: Tomahawk #1 30-025-33069 Bell Canyon Disposal

Will, Amtex is okay on rule 5.9 and they have now submitted the required bonding on Financial Assurance. It won't show up clear until tomorrow morning as I just approved the bond for the Lea Ed State NCT-A No. 2 – 30-025-25896 and everything I approve today shows up in the morning. They have submitted the bonding for the Tomahawk No. 1 which is the subject of the application.

Inactive Well Additional Financial Assurance Report

785 AMTEX ENERGY INC
Total Well Count: 12
Printed On: Tuesday, June 15 2010

Property	Well Name	Lease Type	ULSTR	OCD Unit Letter	API	Well Type	Last Prod/Inj	Inactive Additional Bond Due	Measured Depth	Required Bond Amount	Bond Required Now	Bond In Place	In Violation
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Regards,

Tim Mills

Amtex Energy, Inc.

Injection Permit Checklist (03/15/2010)

Case _____ R- SWD/224 WFX _____ PMX _____ IPI _____ Permit Date _____ UIC Qtr _____

Wells 1 Well Name: Tom A Hawk #1

API Num: (30-) 025-33069 Spud Date: 6/11/88 New/Old: N (UIC primacy March 7, 1982)

Footages 2011 FSL/660 FWL Unit 1 Sec 31 Tsp 215 Rge 33E County Lea

Operator: AMTEK Energy, Inc. Contact William T. Savage

OGRID: 785 RULE 5.9 Compliance (Wells) 3/12 (Finan Assur) 1 IS 5.9 OK? X

Operator Address: P.O. Box 3418, Midland TX 79702

Current Status: PIA 9/28/06

Planned Work to Well:

Planned Tubing Size/Depth: 2 7/8 @ 5,580

		Sizes Hole.....Pipe	Setting Depths	Cement Sx or Cf	Cement Top and Determination Method
Existing	Surface	17 1/2 13 3/8	725	850	CIRC
Existing	Intermediate	11 8 5/8	4800	1900	CIRC
Existing	Long String	7 7/8 5 1/2	9100	1275	3370 CBL

DV Tool 6509 Open Hole _____ Total Depth 9,100

Well File Reviewed _____

Diagrams: Before Conversion L After Conversion 11 Elogs in Imaging File: ✓

Intervals:	Depths	Formation	Producing (Yes/No)
Above (Name and Top)	4805	Top Dal.	
Above (Name and Top)	4932	Base of Dal.	
Injection.....	5634	Belec.	well
Interval TOP:	5648	Belec.	well
Interval BOTTOM:			
Below (Name and Top)	8460-8720	Brushy	Depleted

GENERAL LOCATION

Ecore BILBREY

1127 PSI Max. WHIP

Open Hole (Y/N) _____

Deviated Hole? _____

Sensitive Areas: Capitan Reef Yes Salt Depths 1500

.... Potash Area (R-111-P) Yes Potash Lessee _____ Noticed? 0

Fresh Water: Depths: 150-260 Wells None Analysis? _____ Affirmative Statement _____

Disposal Fluid Sources: BS/more Analysis? _____

Disposal Interval Production Potential/Testing/Analysis Analysis: Tested well

Notice: Newspaper(Y/N) ✓ Surface Owner State Mineral Owner(s) State

RULE 26.7(A) Affected Parties: allan G. / L-BOB EN. / GXY

Area of Review: Adequate Map (Y/N) ✓ and Well List (Y/N) ✓

Active Wells 0 Num Repairs _____ Producing in Injection Interval in AOR _____

..P&A Wells 0 Num Repairs _____ All Wellbore Diagrams Included? _____

Questions/Required Work: RE-INSTALL 5 1/2" already? not yet

See CIBP w/tn 200

Request Sent _____ Reply: _____

Request Sent _____ Reply: _____

Request Sent _____ Reply: _____