

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

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

Application Acronyms:

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

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

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

Check One Only for [B] or [C]

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

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

[D] Other: Specify _____

- SWD
 - Amtex Energy, Inc
 785
 LLC
 - Chukar State #1
 30-025-32747
 Pool
 - SWD, Queen
 96117

[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

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[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.

William J. Savage

William J. Savage

President

12/23/14

Print or Type Name

Signature

Title

Date

bsavage@amtenergy.com ; keads@amtenergy.com

e-mail Address

APPLICATION FOR AUTHORIZATION TO INJECT

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

II. OPERATOR: AMTEX ENERGY INC.

ADDRESS: PO BOX 3418 MIDLAND, TEXAS 79702

CONTACT PARTY: WILLIAM J. SAVAGE PHONE: 432-686-0848

III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection. (Disconnected)
Additional sheets may be attached if necessary. 432-770-0913

IV. Is this an expansion of an existing project? Yes XX 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 and 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 Data Attached

*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).

*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water. See Attached Sheet

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: William J. Savage

TITLE: President

SIGNATURE: William J. Savage

DATE: 12/22/14

E-MAIL ADDRESS: bsavage@amtexenergy.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: X. Logging & Test Data done by Chi Operating and on file with th

NMOCD under API # 30-025032747

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.

WELL NAME & NUMBER: CHUKAR STATE WELL NO. 1

WELL LOCATION:	330 FSL	2310 FEL	O	16	19S	34E
	FOOTAGE LOCATION		UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 14 3/4" Casing Size: 9 5/8 @ 1700'

Cemented with: 1450 SX. *or* ft³

Top of Cement: Circulate to Surface Method Determined:

Intermediate Casing

Hole Size: 8 3/4" Casing Size:

Cemented with: CSA Run sx. ***or*** ft³

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 7 7/8" Casing Size: 4 1/2 @ 8134

Cemented with: 2270 SX. or 4 (Diagram)

Top of Cement: 5579 *556' Calc. based on well A* Method Determined:

Total Depth: DV @ 5487

Injection Interval

4538 feet to 4552 feet

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2.375" Lining Material: Yes/per conversation with Savage

Type of Packer: 4.5" x 2.375" Internal Coated Baker Model R

Packer Setting Depth: 4,500'

Other Type of Tubing/Casing Seal (if applicable): Modified 8rd with Seal Ring

Additional Data

1. Is this a new well drilled for injection? Yes XX No
 If no, for what purpose was the well originally drilled? Oil Production, Bone Spring and Non-Productive
2. Name of the Injection Formation: Queen Sand
3. Name of Field or Pool (if applicable): Queen
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.
See Attached Well Bore Sketch
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: Bone Spring below 10,000'.

WELL HISTORY

Quail Ridge, B. sp.

OPERATOR: Amtec Energy Inc (CHI ENERGY)
 FEE: CHUKAR #1
 LOCATION: 330fsc 2310fcl API: 30-025-32747
 SEC: 16(0) TWP: 19S RGE: 34E
 COUNTY: LEA STATE: NM KB: 3779
 LATITUDE: Longitude

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

TD: 8138 PBSD: 7148/6110 EST. TOC: 579 Calc T+A: 8/26/2004
 COMPLETED: 1-18-95 OWWO: OWWO: WELL P & A: 10/26/2001
 DRILLING MUD: MW: 10.0 VIS: 31 Rm: .850 @ 64 °F Rm: .027 @ 127 °F
 Chl: Rmf: .049 @ 65 °F BHT: 127 °F

ADDITIVES:
 LOGS RUN: SCHLUMBERGER CML-LOT w/ Dr, Cal; DLL-mstc

DST's / CORES: NONE RPTD (See Below)

SURFACE CASING: 4 1/2" 9 5/8 @ 1662 WI 1450 SX: XTOC - Circulatory
 INTERMEDIATE CASING: 8 3/4" hole drilled to @ 84530 - NWI CSG RUN SX: ETOC -
 PRODUCTION CASING: 7 7/8" 4 1/2 (10.5/11.6) @ 7202 WI 1905 SX: ETOC - 579 Calc (DV @ 5487)
 OTHER: 2270
 CASING PULLED: (NO) YES: CSG CUT @ SECTION EXPOSED:

ORIGINAL PROD: \$ 430 + 42BW w/ GAS increasing (average) fluid entry 600-800/hr
 (1/24/95) CUM PROD: (1) MBO + MMCF + MBW
 PERFS: 4875 - 88 (23pf) INTERVAL: PENROSE
 TREATMENT: ACID WI 1000 gal 15% HCl
FRAC WI 12800 gal gel + 25,000 # 16/30sf < chl 165,000 >

OWWO PROD: "No Shows - Unconformable"
 (1/15/95) CUM PROD: (1) MBO + MMCF + MBW
 PERFS: 6242 - 58 (174sf) INTERVAL: PLATE SDS
 TREATMENT: ACID WI 2400 gal 7 1/2% HCl + 28BS
FRAC WI 19,000 gal + 46,000 # 16/30 OTTAWA
with sand chert - 152,000 - 160,000 ppm

OWWO PROD: No Recovery Reported ("wet")
 Prior to 10/2001 CUM PROD: (1) MBO + MMCF + MBW
 PERFS: 4538 - 52 (23pf) INTERVAL: UC
 TREATMENT: ACID WI NR
FRAC WI

Prod tests
 2/18/95 580 + 706W
 3/1/95 480 + 42BW
 3/4/95 1.780 + 42BW

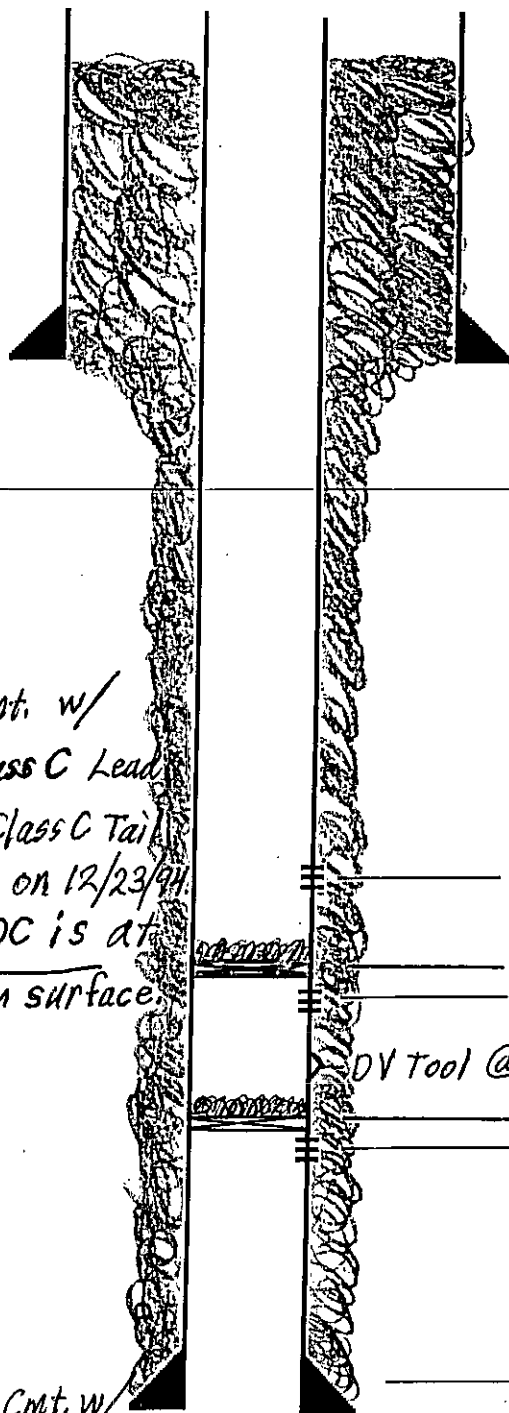
COMMENTS / RECOMMENDATIONS

9 5/8" CSG - 36# JSS STC
 8 3/4" hole 1662 - 4530
 7 7/8" hole 4530 - 8134
 SPOT 200 SX class 'C' Plug 8134 - 7200
 4 1/2" 10.5# + 11.6# JSS DV tool @ 5487 stage 1 4205X 'C' stage 2 - 1485 SX 'C'
 CIBP @ 6130 Cmt NR + 365 SX 'C'
 CIBP @ 4510 Cmt NR
 Well T+A 8/26/2004

Zones to Review 5975-93 13-15% 3.5-5.5% F-gel Ind R TR fl, cut, VSSG
 5424-30 16% 3.5%

1785
 365
 1850
 420
 2225

OPERATOR: Amtex Energy Inc.	NAME OF LEASE: Chukar State	WELL: No. 1
LOCATION: 330' FSL and 2310' FEL Sec. 16, T-19S, R-34E Lea County, New Mexico		API: 30-025-32747



9 5/8" csg set @ 1657' w/1450sx

*Circulated 490sx of
cmt to surface pit.*

*2nd Stage Cmt. w/
1485 sx Class C Lead
and 365 sx Class C Tail
and Plug Down on 12/23/94.
Calculated TOC is at
550' +/- from surface.*

Perfs (Queen) 4538-4552' 2 JSPF

CIBP Set @ 4,850' & Cap w/35' of Cmt.

Perfs (Penrose) 4875-4888 2 SPF

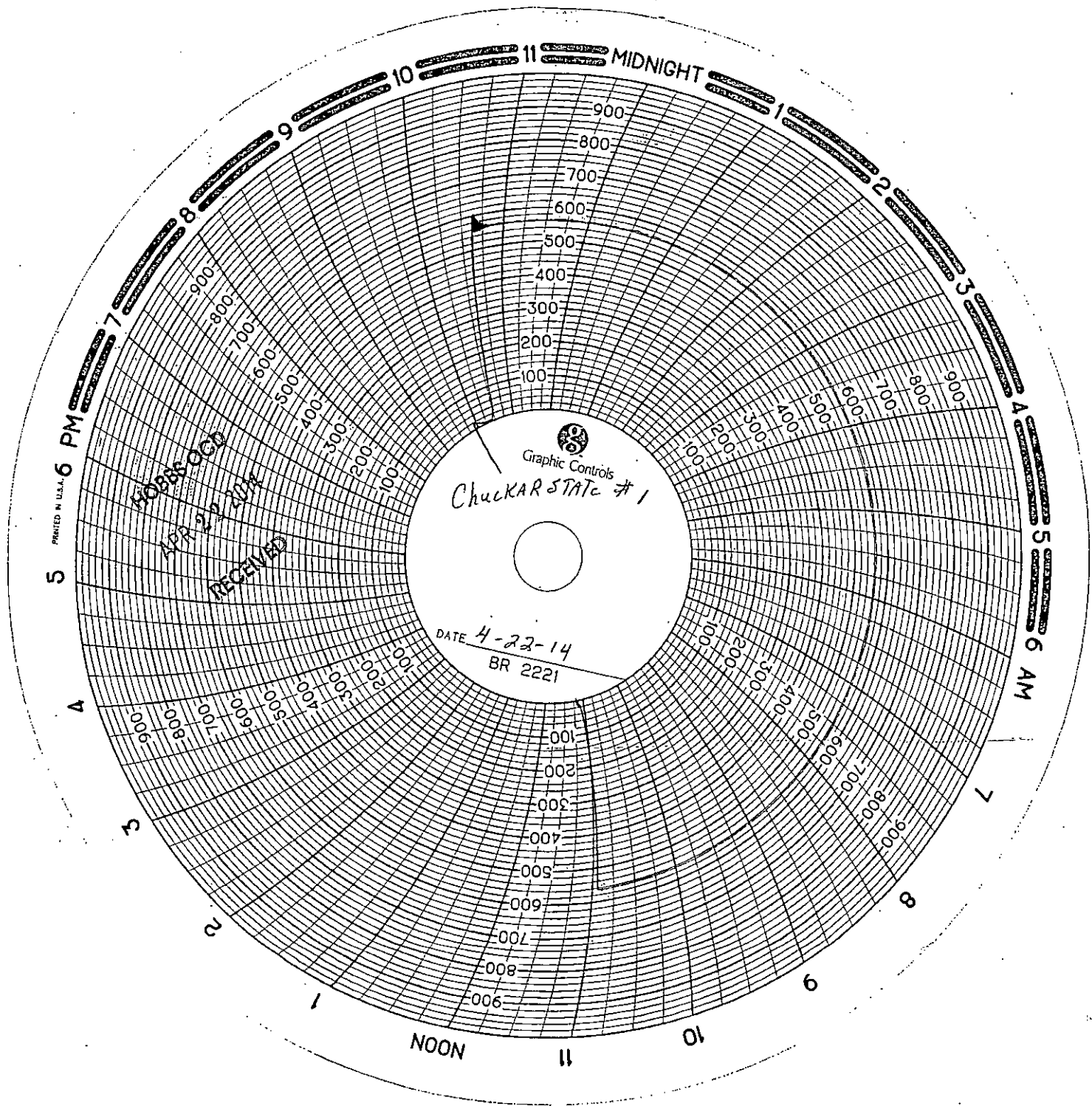
DV Tool @ 5,487'

CIBP Set @ 6,130' & Cap w/20' of Cmt.

Perfs (Delaware) 6242-6258 1 SPF

*1st Stage Cmt. w/
420 sx, Plg Down at
9:45pm., 12/22/94 x
Open DV Tool @ 5,487' x
Circ. 10 Bbls. Cmt. off the
top of DV Tool to Surface Pit.*

4 1/2" set @ 8134' w/2270sx



XI. Application For Authorization To Inject

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:

CHUKAR WELL NO. 1
330' FSL and 2310' FEL
Sec. 16 (O), T19S, R34E
Lea County, New Mexico

Chukar State Well No. 1
330' FSL & 2310' FEL
Section 16, T-19-S, R-34-E
Lea County, New Mexico

C-108 Application for Water Disposal Well

- XII. I, William J. Savage, as Engineer and President 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: December 22, 2014

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

RECEIVED
MAY 27 2010
HOBBSOCD

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. 30-025-32747
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other: <input checked="" type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Amtext Energy, Inc.		6. State Oil & Gas Lease No. 19253
3. Address of Operator P.O. Box 3418, Midland, Texas 79702		7. Lease Name or Unit Agreement Name Chukar State
4. Well Location Unit Letter <u>O</u> : <u>330</u> feet from the <u>South</u> line and <u>2310</u> feet from the <u>East</u> line Section <u>16</u> Township <u>19S</u> Range <u>34E</u> NMPM County <u>LEA</u>		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GL 3767'		9. OGRID Number 785
		10. Pool name or Wildcat Quail Ridge Pearl Queen

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 OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: Temporarily Abandon <input checked="" 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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

1. MIRU Victory Services 5/19/2010
2. Replaced 2" Valve w/ new 2" Balon 2000# Ball Valve
3. Load Casing w/ water and pressure tested to 525 psi, record on chart recorder for more than 30 mins.
4. Attached record on Original Chart Recorder
5. CIBP @ 4510'
6. Perfs @ 4538' - 4552'

CIBP within 100' of perfs

This Approval of Temporary
Abandonment Expires 5-19-2012

Test witnessed by Mark Whitaker of NMOCD from Hobbs, NM

Spud Date:

Rig Release Date:

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

SIGNATURE

William J. Savage

TITLE

President

DATE 5/24/2010

Type or print name

WILLIAM J. SAVAGE

E-mail address:

bill.savage@verizon.net

PHONE: 432-686-0847

For State Use Only

APPROVED BY:

[Signature]

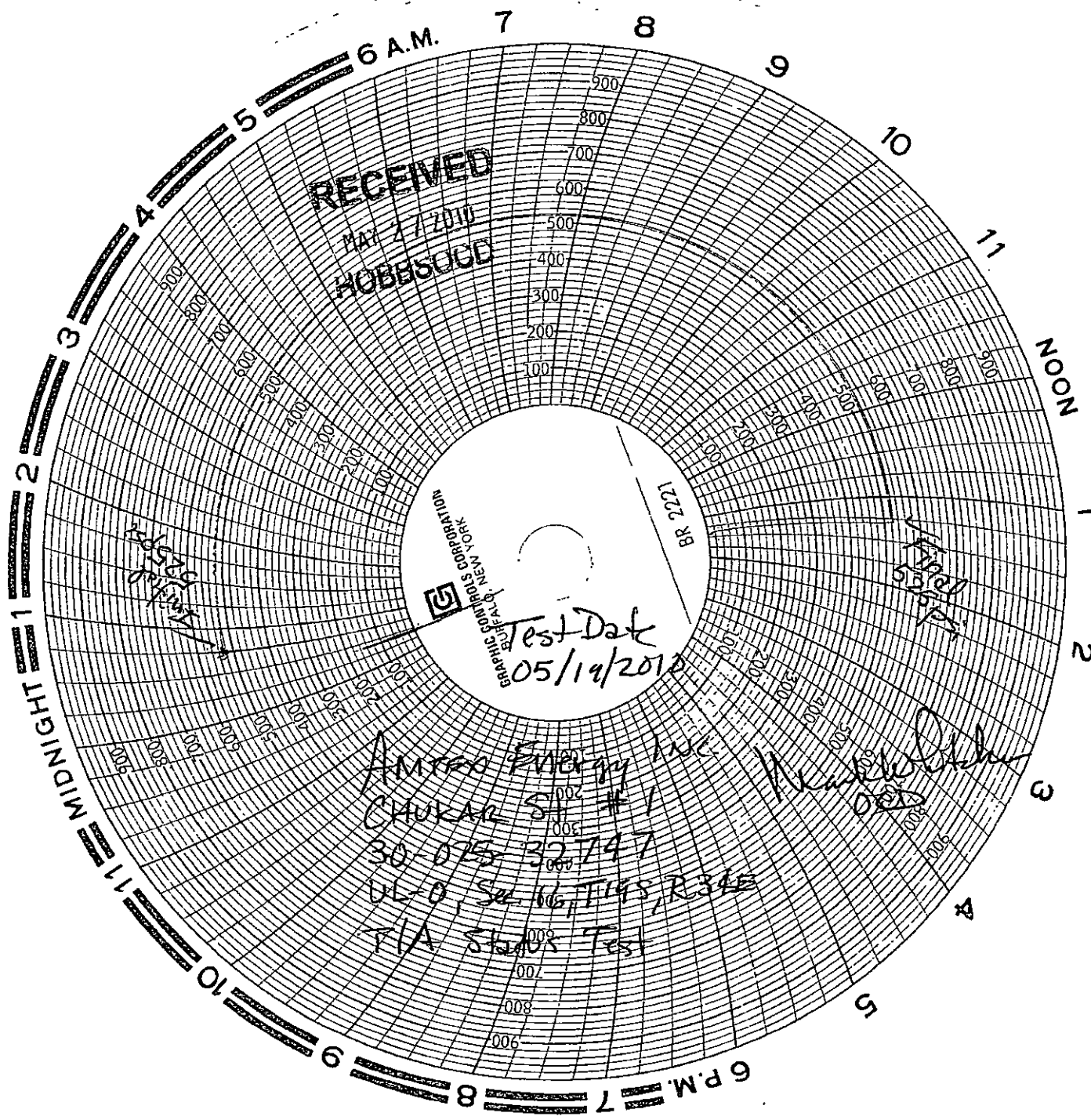
TITLE

STAFF MGR

DATE 6-1-10

Conditions of Approval (if any):

P.M.



RECEIVED
MAY 27 2010
HOBESUCE

BRANDT
CORPORATION
NEW YORK
N.Y.

Test Date
05/19/2010

Amtron Energy Inc.
CHUKAR ST #1
30-025-32747
UL-0, Sec 16, T145, R34E
T/A Status Test

[Signature]
05/19/2010

SONSHINE EXPLORATION LOG ANALYSIS SUMMARY

OPERATOR:	Amtex Energy, Inc.				
WELL NAME:	Chukar #1				
LOCATION:	330	F S L	2310	F E L	
SEC:	16 (O)	TWP:	19 S	RGE:	34 E
COUNTY:	Lea	STATE:	New Mexico		

PREPARED FOR: Bill Savage - Amtex Energy, Inc.
DATE: May 19, 2008
BY: S. J. Meader-Roberts / Sergio Ojeda

MUD:	WT:10.0 VIS: 31	CASING: 9 5/8 @ 1662 / 1150	SX - ETOC: Surface
	Rm .050 @ 64		
	Rmf .049 @ 65	PROD CSG: 4 1/2 @ 7202 / 1905	SX - ETOC:9 5/8 csg
LOGS:	Schlumberger: CNL-LDT, DLL: Surf - 8131. Mud Log, personal files		

Zone currently perforated

LOGS: Schlumberger: CNL-LDT, DLL: Surf - 8131. Mud Log, personal files

[illegible]

PETROPLEX EQUIPMENT, INC.

MIDLAND, TEXAS 79702

P.O. BOX 10981

COMPANY _____

DATE _____

PHONE _____

WELL NO. _____

LEASE _____

FIELD _____

SURFACE

ANNULUS

TUBING

CASING

Chukar #1

TD 8134' KB

PBD 6110' KB

RKB 12'

Current wellbore

3/29/95

12 1/4" Hole

956" 36# J-55 STC @ 1657'

W/ 1450 SX (CIRC'O)

8 3/4" TO 4530', 7 7/8" TO TD

Production Casing

JTS	BTM	DESC
9	405'	4 1/2" 11.6# J-55
112	5486'	4 1/2" 10.5# J-55
-	5488'	4 1/2" DV
20	6387'	4 1/2" 10.5# J-55
17	7153'	4 1/2" 11.6# J-55
-	7154'	4 1/2" FC
1	7199'	4 1/2" 11.6# J-55
-	7202'	4 1/2" FS

Powrsc 4875-88

(ACID + FRAC)

DV TOOL @ 5488'

PBD @ 6110', CIRP @ 6130'

DELAWARE PERFS (6242-50)
ACID + FRAC

4 1/2" 11.6# + 10.5# @ 7202'
(CALCD TO C 579')

200 SX OH PLUG FL

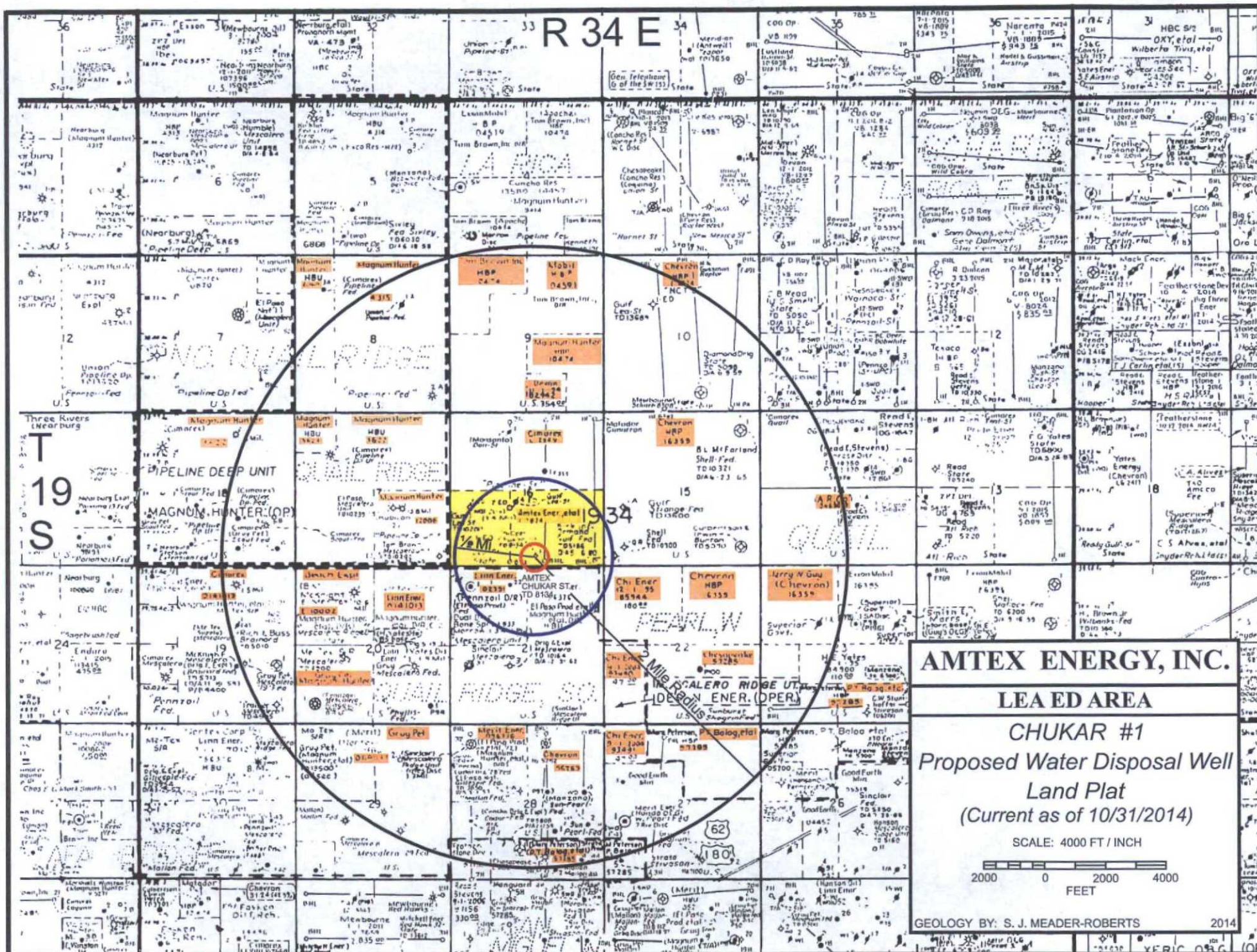
8134 - 7200'

TD 8134'

USED PUMPING UNITS • PARTS • FIELD SERVICE

(915) 684-0504

FAX 915-686-0569



PROPOSED WATER DISPOSAL WELL

AMTEX ENERGY, INC.
CHUKAR STATE WELL #1
330 FSL & 230 FEL
Sec. 16 (O), T-19-S, R-34-E
Lea County, New Mexico

Wells Within The Area of Review That Penetrated The Proposed Injection Zone

AMTEX ENERGY, INC.
Proposed Injection Well
Chukar State Well No. 1
330 FSL & 2310 FEL
Sec. 16 (O), T-19-S, R-33-E
TD: 8134'
Completed: 01/18/1995

API: 30-0250-32747

Pearl; Queen

AMTEX ENERGY, INC.
LEA ED STATE No. 1
760 FSL & 660 FWL
Sec. 16 (M), T-19-S, R-34-E
Well Type: Oil
GL Elevation: 3777

API: 30-025-02387

Quail Ridge; Bone Spring

AMTEX ENERGY, INC.
LEA ED STATE No. 2
1980 FSL & 1980 FWL
Sec. 16 (K), T-19-S, R-34-E
Type: Morrow Gas Well
GL Elevation: 3770
Total Vertical Depth: 13400

API: 30-025-25896

Quail Ridge; Morrow

MATADOR PRODUCTION COMPANY
PIPELINE 16 STATE NO. 1
1980' FNL & 1980' FEL
Sec. 16 (G), T-19-S, R-34-E
Well Type: Oil
Total Vertical Depth: 13606

API: 30-025-26192

Quail Ridge; Bone Spring

MATADOR PRODUCTION COMPANY**API: 30-025-41755****Quail Ridge; Bone Spring**

CIMARRON COM #3H
250' FNL & 1982' FWL
Sec. 16 (C), T-19-S, R-34-E
Well Type: Oil
GL Elevation: 3804
Proposed: 15400
New, Not Drilled.

MATADOR PRODUCTION COMPANY**API: 30-025-41637****Quail Ridge; Bone Spring**

CIMARRON COM #1H
250' FNL & 330' FEL
Sec. 16 (P), T-19-S, R-34-E
Well Type: Oil
GL Elevation: 3833
Proposed: 15400
New, Not Drilled.

MATADOR PRODUCTION COMPANY**API: 30-025-41637****Quail Ridge; Bone Spring**

CIMARRON COM #2H
250' FNL & 1984' FEL
Sec. 16 (B), T-19-S, R-34-E
Well Type: Oil
GL Elevation: 3814
Proposed: 15400
New, Not Drilled.

Amtex Energy Wells Within On-Half Mile of CHUKAR STATE WELL No. 1

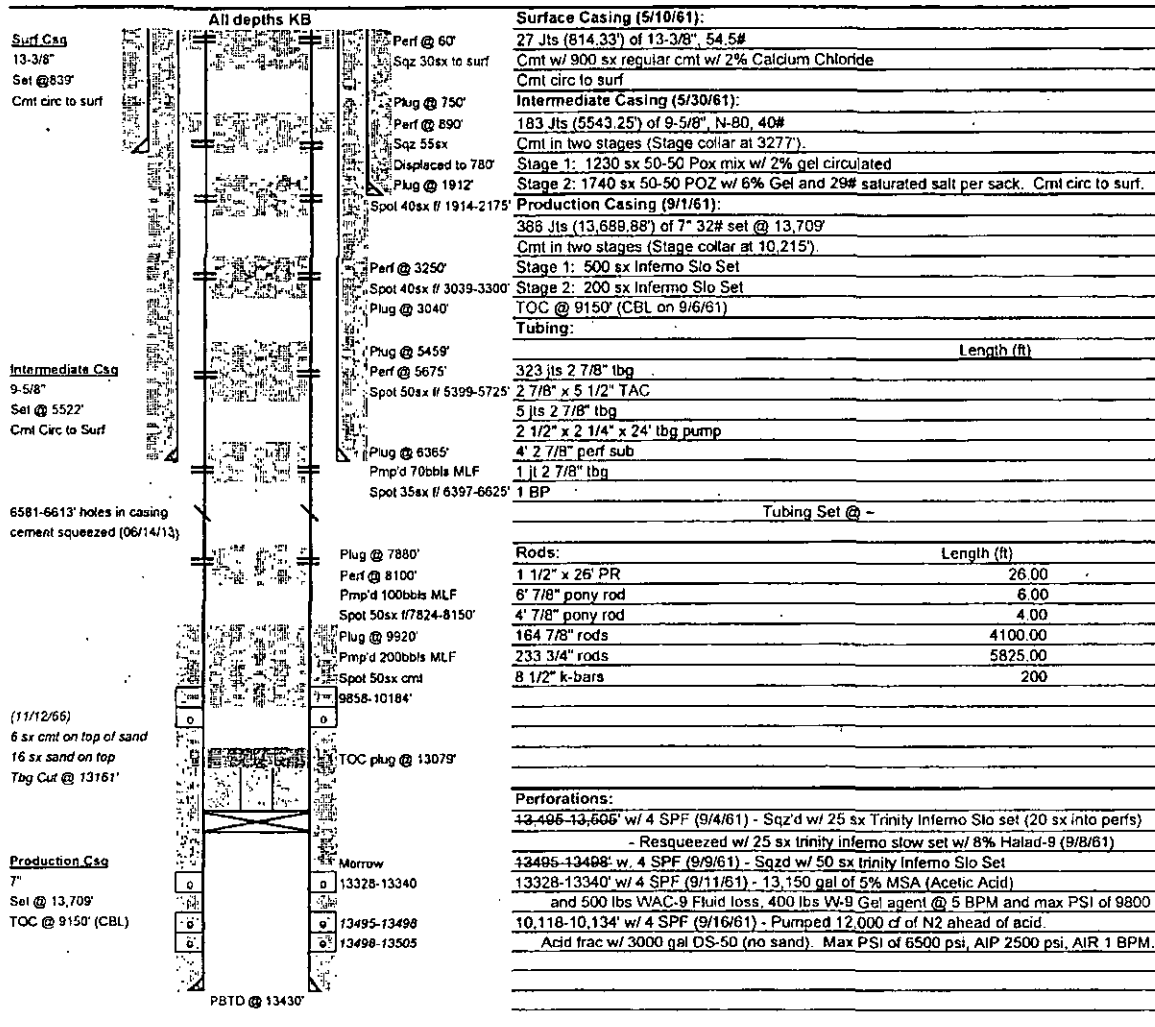
API Number	Well Name	Location UL-S-T-R	Status	Drilled TD (ft)	Surface Casing Depth Set (ft) / TOC/Method	Intermediate Casing Depth Set (ft) / TOC/Method	Production Casing Depth Set (ft) / TOC/Method	P&A History
30-025-02387	Lea ED State NCT-A #1	M-16- 19S-34E	Active	13,521	13 3/8-inch; 416 / two stages – not circulated; final TOC 76 ft.	9 5/8-inch; 5,507 / 735' by TS	7-inch; 13,445 / TOC surface (calculated; 1900 sxs)	NA
30-025-25896	Lea ED State NCT-A #2	K-16-19S- 34E	Active	13,528	10 3/4-inch; 1,730 / circulated to surf.	7 5/8-inch; 10,759 / 7,000' by TS	Liner: 6 1/2 -inch / 10,205 to 13,527 / TOL	NA (09/2015: Morrow abandoned with CIBP w/ cmt cap at 12,900'; PBTD 12,865')
30-025-26763	Lea ED State NCT-A #4	K-16-19S- 34E	Plugged	10,195	11 3/4-inch; 346 / circulated to surf.	8 5/8-inch; 3,215 / circulated to surf.	5 1/2-inch; 10,195 / 7,750' by TS	12/11/1989: CIBP w/cmt cap@ 9450'; squeeze casing leak at 7173'; cap w/20 sxs cmt; perf 3265' and squeeze w/100 sxs cmt; cap 40' cmt; 100' plug 1860' -1760'; 95' surface plug
30-025-02386	Gulf-Federal #1	M-15- 19S-34E	Plugged; Queen test, no prod.	5,186	8 5/8-inch; 107 / circulated to surf. ✓	Open hole	NA	5/16/1960: 10 sxs plug at top of casing; 30 sxs plug at base of casing; 25 sxs plug at top of salt (top of plug 1700'); 15 sxs at base of salt (top of plug 1700'); 15 sxs at top of Queen (top of plug 4,680'); 15 sxs at top of Penrose (top of plug 4,980')
30-025-21856	Mescalero Ridge Unit #22	C-21- 19S-34E	Plugged	10,132	11 3/4-inch; 423 / circulated to surf.	8 5/8-inch; 5,547 / circulated to surf. ✓	5 1/2-inch; 10,132 / 6,500' by TS	See P&A Diagram ✓
30-025-02391	Mescalero Ridge Unit #211	D-21- 19S-34E	Plugged	13,972	13 3/8-inch; 839 / circulated to surf.	9 5/8-inch; 5,522 / circulated to surf. ✓	7-inch; 13,709 / "two stage"; 9,150' by CBL	See P&A Diagram ✓

4552'

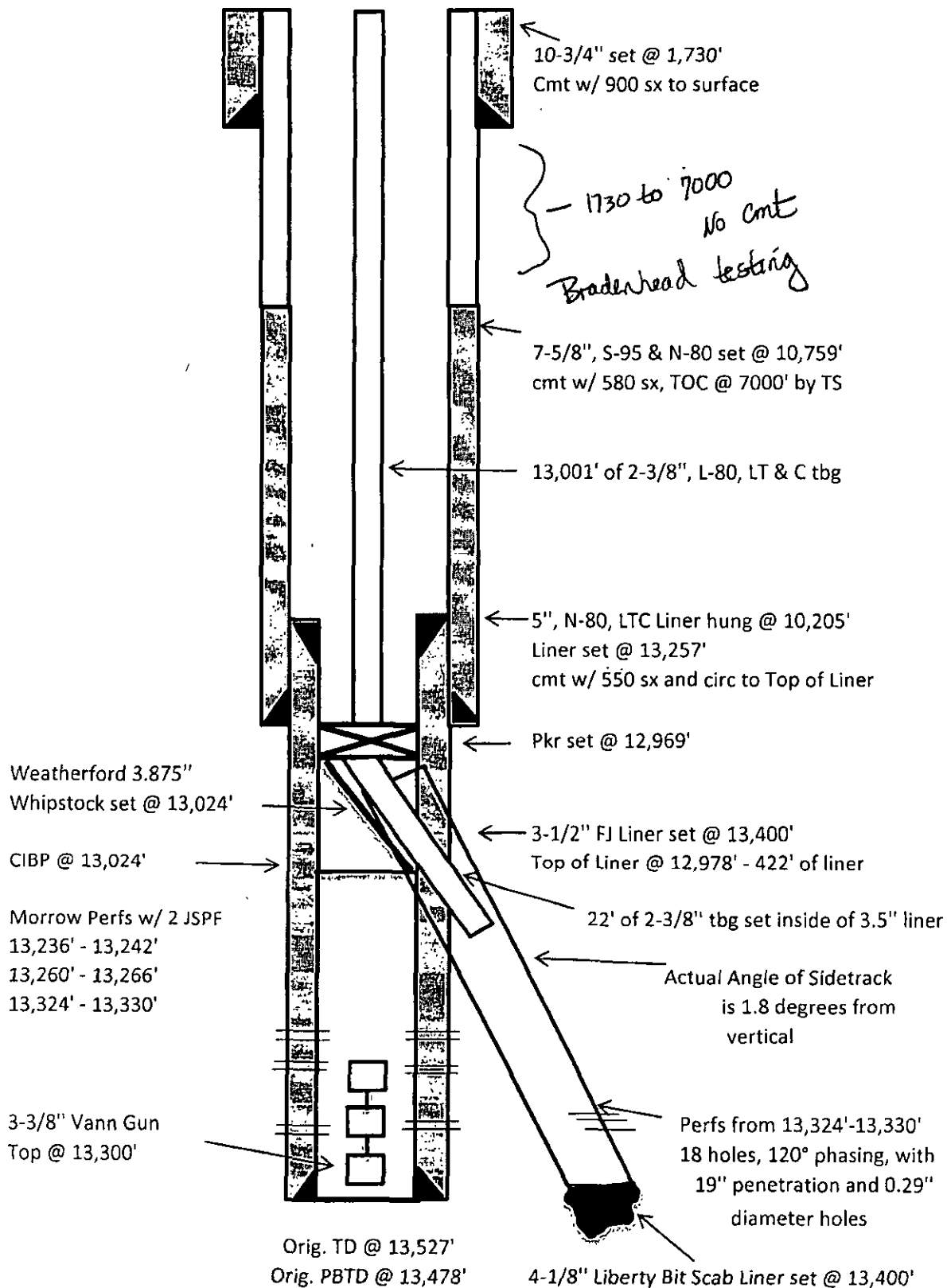
Well Name: Mescalero Ridge Unit 211
 Location: D-21-19S-34E 660 FNL 660 FWL
 API #: 30-025-02391
 Elevations: GROUND: _____
 KB: _____
 Depths (KB): PBTD: _____
 TD: 13430

P&A Wellbore Diagram

Date Prepared: B. Williams
 Last Updated: 4-Feb-14
 Spud Date: 9-May-61
 RR Date: _____
 Spud Date to RR Date: _____
 Completion Start Date: _____
 Completion End Date: _____
 Completion Total Days: _____
 Co-ordinates: _____



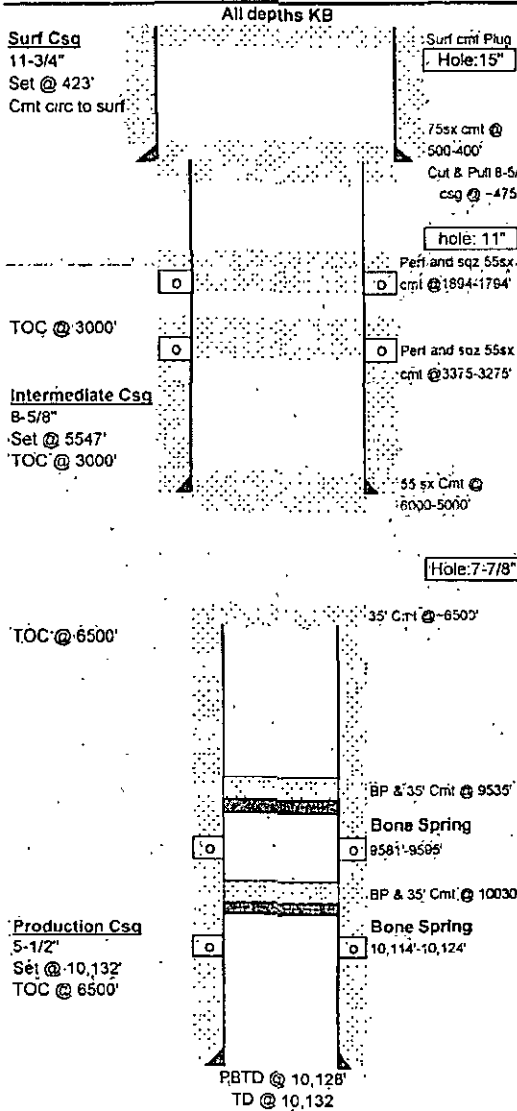
OPERATOR: Amtex Energy, Inc.	NAME OF LEASE: LEA ED State	Date: 08/19/2011
API: 30-025-25896	Well: No. 2	By: M.G.
LOCATION: Unit K, 1980' FSL, 1980' FWL, Sec. 16, T-19-S, R-34-E, Lea County, New Mexico		



Wellbore Schematic - Proposed

Well Name: Mescalero Ridge Unit 22
 Location: C-21-19S-34E 660 FNL 1980 FWL
Lea County, NM
 API #: 30-025-21856
 Elevations: GROUND: 3750'
 KB: 3762'
 Depths (KB): PBTD: 10,128'
 TD: 10,132'

Date Prepared: 27-Jan-11 D. Gonzales
 Last Updated: 27-Jan-11
 Spud Date: 16-Sep-66
 RR Date: _____
 Spud Date to RR Date: _____
 Completion Start Date: _____
 Completion End Date: _____
 Completion Total Days: _____
 Co-ordinates: _____



Surface Casing (1)
 11-3/4", 42# Set @ 423'
 Cmt w/ 275 sx class C, 4% gel, 2% CaCl₂ slurry wt 13.8#
 Cmt Circ to surf
 Intermediate Casing (10-7-66)
 followed w/ 200 sx of Encor 4% gel slurry 13'5# wt.
 TOC @ 3000' (temp survey)
 Production Casing (10-29-66):
 5-1/2", 14#, 15.5#, 17#, J-55 and N-80 set @ 10,132'
 Cmt w/ 625 sx (550 sx Encor Class C-1-1 Diamix 13.3# wt and 75 sx Class C-1.5% Diamix 14.8# wt)
 TOC @ 6500' (Temp Survey)

Tubing: No tbg in Hole.

Tubing Set @ -

Rods: No rods in hole.

Perforations:
 Bone Spring: (10,114'-10,124') - Acidized w/ 500 gals Mud Acid
 Max treating pressure @ 5300 PSI, min pressure @ 700 PSI @ 0.6 BPM

VI. Application For Authorization To Inject

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

Wells:

Amtex Energy, Inc.
Chukar State Well No. 1
O Sec. 16 -T19S-R34E
330 FSL & 230 FEL
TD 8134'

Leases:

Sec. 16(M) -T19S-R34E	State Lease	Amtex Energy, Inc. P.O. Box 3418 Midland, Texas 79702
Sec. 16(K) -T19S-R34E	State Lease	Amtex Energy, Inc. P.O. Box 3418 Midland, Texas 79702
Sec. 16(G)-T19S-R34E	State Lease	Matador Resources Company 5400 Lyndon B Johnson Freeway Suite 1500 Dallas, Texas 75240
Sec. 16(C)-T19S-R34E	State Lease	Matador Resources Company 5400 Lyndon B Johnson Freeway Suite 1500 Dallas, Texas 75240
Sec. 16(P)-T19S-R34E	State Lease	Matador Resources Company 5400 Lyndon B Johnson Freeway Suite 1500 Dallas, Texas 75240
Sec. 16-T19S-R34E	State Lease	MRC Permian Company Nathan Pekar 5400 LBJ Freeway Suite 1500 Dallas, Texas 75240

7013 2630 0000 2214 9916

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CARLSBAD NM 88220

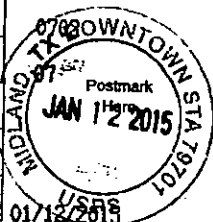
Postage \$ \$0.70

Certified Fee \$3.30

Return Receipt Fee (Endorsement Required) \$0.00

Restricted Delivery Fee (Endorsement Required) \$0.00

Total Postage & Fees \$ \$4.00



Sent To
Carlsbad Field Office
 Street, Apt. No.,
 or PO Box No. **602 N. Canal St, Suite B**
 City, State, ZIP+4
Carlsbad, NM 88220
 PS Form 3800, August 2006 See Reverse for Instructions

9886 4722 0000 0000 0000

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DALLAS TX 75240

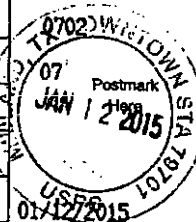
Postage \$ \$0.70

Certified Fee \$3.30

Return Receipt Fee (Endorsement Required) \$0.00

Restricted Delivery Fee (Endorsement Required) \$0.00

Total Postage & Fees \$ \$4.00



Sent To
Matador Petroleum Co.
 Street, Apt. No.,
 or PO Box No. **5100 LBJ Fwy, Suite 1900**
 City, State, ZIP+4
Dallas, TX 75240
 PS Form 3800, August 2006 See Reverse for Instructions

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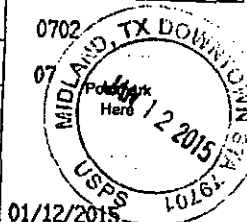
Postage \$ \$0.70

Certified Fee \$3.30

Return Receipt Fee (Endorsement Required) \$0.00

Restricted Delivery Fee (Endorsement Required) \$0.00

Total Postage & Fees \$ \$4.00



Sent To
Bureau of Land Mgmt
 Street, Apt. No.,
 or PO Box No. **620 E. Greene St.**
 City, State, ZIP+4
Carlsbad, NM 88220
 PS Form 3800, August 2006 See Reverse for Instructions

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DALLAS TX 75240

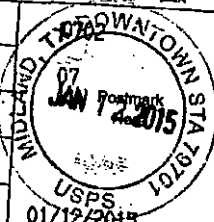
Postage \$ \$0.70

Certified Fee \$3.30

Return Receipt Fee (Endorsement Required) \$0.00

Restricted Delivery Fee (Endorsement Required) \$0.00

Total Postage & Fees \$ \$4.00



Sent To
MRC Permain Company
 Street, Apt. No.,
 or PO Box No. **5100 LBJ Fwy, Suite 1900**
 City, State, ZIP+4
Dallas TX 75240
 PS Form 3800, August 2006 See Reverse for Instructions

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HOBBS NM 88240

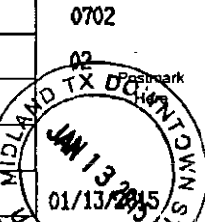
Postage \$ \$1.19

Certified Fee \$3.30

Return Receipt Fee (Endorsement Required) \$0.00

Restricted Delivery Fee (Endorsement Required) \$0.00

Total Postage & Fees \$ \$4.49



Sent To
Kenneth Smith Ranch
 Street, Apt. No.,
 or PO Box No. **267 Smith Ranch Rd.**
 City, State, ZIP+4
Hobbs NM 88240
 PS Form 3800, August 2006 See Reverse for Instructions

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list lease info

* Lease Prefix: * Number: * Assignment:

Example: A0 1234 0000

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8 Records found.

Lease Number:

E0-7824-0002

Company name: AMTEX ENERGY INC
 Company ID: 785
 Assigned from: E0-7824-0001
 Total acres: 320.00
 Prod stat: N/A

Lease term:

Lease term: 10 year lease term 1/8th roy
 Issue date: 2/16/1954
 Termination date: Active
 Termination reason: N/A
 Current term: Extended Primary Term

Billing information:

Bill to: AMTEX ENERGY INC
 Rent per acre: 2.00
 Billing frequency: Annual
 Minimum annual rent: 640.00
 Last bill date: 1/23/2014
 Next bill date: 2/16/2015
 Escalation: 0.00

Land information:

Section	Township	Range	Unit Letter	Lot	Tract	Acreage	Link
16	19S	34E	I			40.00	[Land Details]
			J			40.00	[Land Details]
			K			40.00	[GoTech] [Land Details]

			L		40.00	[Land Details]
			M		40.00	[GoTech] [Land Details]
			N		40.00	[Land Details]
			O		40.00	[GoTech] [Land Details]
			P		40.00	[Land Details]

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lessee details

MRC PERMIAN COMPANY

[\[List Active Leases\]](#) - [\[List All Leases\]](#)**OGRID:** 261044**Issuing Agency:** SLO**Effective Date:** 7/10/2008**Last Modified:** 7/10/2008**Address:**

NATHAN PEKAR
5400 LBJ FREEWAY, SUITE 1500
DALLAS, TX
75240

Phone: 972-371-5220**Fax:** 972-371-5201

Units:

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list lease info

* Lease Prefix: * Number: * Assignment:

Example: A0 1234 0000

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8 Records found.

Lease Number:

L0-2949-0005

Company name: MRC PERMIAN COMPANY
 Company ID: 261044
 Assigned from: L0-2949-0004
 Total acres: 320.00
 Prod stat: N/A

Lease term:

Lease term: 10 year lease term 1/8th roy
 Issue date: 5/20/1969
 Termination date: Active
 Termination reason: N/A
 Current term: Extended Primary Term

Billing information:

Bill to: MRC PERMIAN COMPANY
 Rent per acre: 2.00
 Billing frequency: Annual
 Minimum annual rent: 640.00
 Last bill date: 4/24/2014
 Next bill date: 5/20/2015
 Escalation: 0.00

Land information:

Section	Township	Range	Unit Letter	Lot	Tract	Acreage	Link
16	19S	34E	A			40.00	[Land Details]
			B			40.00	[Land Details]
			C			40.00	[Land Details]
			D			40.00	[Land Details]

		E		40.00	[Land Details]
		F		40.00	[Land Details]
		G		40.00	[Land Details]
		H		40.00	[Land Details]

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AMTEX ENERGY INC

[\[List Active Leases\]](#) - [\[List All Leases\]](#)

OGRID: 785
Issuing Agency: OCD
Effective Date: 7/26/1993
Last Modified: 10/25/2012

Address:

KAROL A EADS
 P.O. BOX 3418
 MIDLAND, TX U.S.A.
 79702

Phone: 432-686-0847

Fax: 888-789-5245

GoTech production data:

API	Section	Township	Range
3004120916	3	05S	31E
3001500759	3	18S	27E
3001501208	3	18S	27E
3001531963	3	18S	27E
3001531964	3	18S	27E
3001531965	3	18S	27E
3002539910	34	18S	34E
3002525955	34	18S	34E
3002525896	16	19S	34E
3002502387	16	19S	34E
3002532747	16	19S	34E
3002524949	26	19S	35E
3002531775	26	19S	35E
3002532196	26	19S	35E
3002503307	35	19S	35E
3002531337	35	19S	35E
3002524655	15	21S	33E
3002536595	19	21S	33E
3002542140	19	21S	33E
3002542142	20	21S	33E
3002533061	28	21S	33E
3002527222	30	21S	33E
3002533069	31	21S	33E
3002541178	31	21S	33E
3002527453	32	21S	33E
3002529991	35	21S	33E
3002531653	5	22S	33E
3002541177	6	22S	33E
3002527573	6	22S	33E
3002541981	6	22S	33E
3002540519	6	22S	33E

Units:

Unit Name	Owner Code	Effective Date
DAGGER STATE UNIT	S	8/29/2011 12:00:00 AM

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Site maintained by the PRRC, webmaster.qotech_prrc@yahoo.com

Amtex Energy, Inc.
Chukar State Well No. 1
Section 16, T19S, R34E
Lea County, New Mexico

Copies of the C-108 Data Sheet and Area Map have been sent to the landowners as listed on the sheet attached on December 22, 2014.

William J. Savage, President
Amtex Energy, Inc.
(432) 686-0847
bsavage@amtexenergy.com

Carlsbad Field Office- State Land Office
Carlsbad Field Office- Bureau of Land Management
Kenneth Smith, Inc.

Current landowners within a ½ mile radius of the Chukar State Well No. 1

State Land Office:

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

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

*Application to Field office
State Lease*

*Copy sent to Oil, Gas and Minerals
Division of SLO/Santa Fe
— Anchor Holmes*

BLM:

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

Phone: (575) 234-5972
Fax: (575) 885-9264

Surface lessees from the State and BLM for the ½ mile radius for the Chukar State Well No. 1

Kenneth Smith, Inc.
267 Smith Ranch Rd.
Hobbs, NM 88240

Telephone number for Kenneth Smith, Inc: 575-887-3374

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list lease info

* Lease Prefix: * Number: * Assignment:

Example: A0 1234 0000

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783 Records found.

Lease Number:

GT-2922-0000

Company name: KENNETH SMITH INC
Company ID: 81342
Assigned from: N/A
Total acres: 30665.59
Prod stat: N/A

Lease term:

Lease term: Unknown
Issue date: 6/2/1998
Termination date: Active
Termination reason: N/A
Current term: Primary Term

Billing information:

Bill to: KENNETH SMITH INC
Rent per acre: 0.00
Billing frequency: Annual
Minimum annual rent: 17287.71
Last bill date: 8/21/2014
Next bill date: 10/1/2015
Escalation: 0.00

Land information:

Section	Township	Range	Unit Letter	Lot	Tract	Acreage	Link
32	18S	32E	A			40.00	[Land Details]
			B			40.00	[Land Details]
			C			40.00	[Land Details]
			D			40.00	[Land Details]
			E			40.00	[Land Details]
			F			40.00	[Land Details]
			G			40.00	[Land Details]
			H			40.00	[Land Details]
			I			40.00	[Land Details]
			J			40.00	[Land Details]
			K			40.00	[Land Details]
			L			40.00	[Land Details]
			M			40.00	[Land Details]

			N		40.00	[Land Details]
			O		40.00	[Land Details]
			P		40.00	[Land Details]
36	18S	32E	A		40.00	[Land Details]
			B		40.00	[Land Details]
			C		40.00	[Land Details]
			D		40.00	[Land Details]
			E		40.00	[Land Details]
			F		40.00	[Land Details]
			G		35.00	[Land Details]
			H		40.00	[Land Details]
			I		40.00	[Land Details]
			J		40.00	[Land Details]
			K		40.00	[Land Details]
			L		40.00	[Land Details]
			M		40.00	[Land Details]
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			O		40.00	[Land Details]
			P		40.00	[Land Details]
12	18S	33E	L		16.13	[Land Details]
			M		16.13	[Land Details]
			N		16.13	[Land Details]
			O		16.15	[Land Details]
14	18S	33E	K		40.00	[Land Details]
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			M		40.00	[Land Details]
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			O		40.00	[Land Details]
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			O		40.00	[Land Details]
			P		40.00	[Land Details]
21	18S	33E	O		40.00	[Land Details]
			P		40.00	[Land Details]
22	18S	33E	A		40.00	[Land Details]
23	18S	33E	A		40.00	[Land Details]
			B		40.00	[Land Details]
			C		40.00	[Land Details]
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			E		40.00	[Land Details]
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			I		40.00	[Land Details]
			J		40.00	[Land Details]
			K		40.00	[Land Details]
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			L		40.00	[Land Details]
28	18S	33E	D		40.00	[Land Details]
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			E		40.00	[Land Details]
			F		40.00	[Land Details]
			G		40.00	[Land Details]

			H		40.00	[Land Details]
			I		40.00	[Land Details]
			J		40.00	[Land Details]
			K		40.00	[Land Details]
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			O		40.00	[Land Details]
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			C		40.00	[Land Details]
36	18S	33E	A		40.00	[Land Details]
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			C		40.00	[Land Details]
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			O		40.00	[Land Details]
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27	18S	34E	L		20.52	[Land Details]
			M		20.52	[Land Details]
			N		20.52	[Land Details]
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			C		22.27	[Land Details]
			D		40.00	[Land Details]
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			K		40.00	[Land Details]
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			M		40.00	[Land Details]
			N		40.00	[Land Details]
			O		40.00	[Land Details]
			P		40.00	[Land Details]
32	18S	34E	A		40.00	[Land Details]
			B		40.00	[Land Details]
			C		40.00	[Land Details]
			D		40.00	[Land Details]
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			N		40.00	[Land Details]
			O		40.00	[Land Details]
			P		40.00	[Land Details]
5	22S	30E	1	1	40.25	[Land Details]
			2	2	40.27	[Land Details]
			3	3	40.29	[Land Details]
			4	4	40.31	[Land Details]
			E		40.00	[Land Details]
			F		40.00	[Land Details]
			G		40.00	[Land Details]
			H		40.00	[Land Details]
			I		40.00	[Land Details]
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			M		40.00	[Land Details]
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			O		40.00	[Land Details]
			P		40.00	[Land Details]
8	22S	30E	A		40.00	[Land Details]
			B		40.00	[Land Details]
			C		40.00	[Land Details]
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			O		40.00	[Land Details]
			P		40.00	[Land Details]
9	22S	30E	A		40.00	[Land Details]
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			C		40.00	[Land Details]
			D		40.00	[Land Details]
			E		40.00	[Land Details]
			F		40.00	[Land Details]
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			K		40.00	[Land Details]
			L		40.00	[Land Details]
			M		40.00	[Land Details]
			N		40.00	[Land Details]
			O		40.00	[Land Details]
16	22S	30E	A		40.00	[Land Details]
			B		40.00	[Land Details]
			C		40.00	[Land Details]
			D		40.00	[Land Details]
			E		40.00	[Land Details]
			F		40.00	[Land Details]
			G		40.00	[Land Details]
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			I		40.00	[Land Details]
			J		40.00	[Land Details]
			K		40.00	[Land Details]
			L		40.00	[Land Details]
			M		40.00	[Land Details]
			N		40.00	[Land Details]
			O		40.00	[Land Details]
			P		40.00	[Land Details]

17	22S	30E	A		40.00	[Land Details]
			B		40.00	[Land Details]
			C		40.00	[Land Details]
			D		40.00	[Land Details]
			E		40.00	[Land Details]
			F		40.00	[Land Details]
			G		40.00	[Land Details]
			H		40.00	[Land Details]
			I		40.00	[Land Details]
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			L		40.00	[Land Details]
			M		40.00	[Land Details]
			N		40.00	[Land Details]
			O		40.00	[Land Details]
			P		40.00	[Land Details]
32	22S	30E	A		40.00	[Land Details]
			B		40.00	[Land Details]
			C		40.00	[Land Details]
			E		40.00	[Land Details]
			F		40.00	[Land Details]
			G		40.00	[Land Details]
			H		40.00	[Land Details]
			I		40.00	[Land Details]
			J		40.00	[Land Details]
			K		40.00	[Land Details]
			L		40.00	[Land Details]
			M		40.00	[Land Details]
			N		40.00	[Land Details]
			O		40.00	[Land Details]
			P		40.00	[Land Details]
1	22S	31E	3	3	39.76	[Land Details]
			4	4	39.67	[Land Details]
			E		40.00	[Land Details]
			F		40.00	[Land Details]
2	22S	31E	1	1	39.68	[Land Details]
			2	2	39.81	[Land Details]
			3	3	39.93	[Land Details]
			4	4	40.06	[Land Details]
			E		40.00	[Land Details]
			F		40.00	[Land Details]
			G		40.00	[Land Details]
			H		40.00	[Land Details]
			I		40.00	[Land Details]
			J		40.00	[Land Details]
			K		40.00	[Land Details]
			L		40.00	[Land Details]
			M		40.00	[Land Details]
			N		40.00	[Land Details]
			O		40.00	[Land Details]
			P		40.00	[Land Details]
5	22S	31E	M		20.00	[Land Details]
			N		20.00	[Land Details]
			O		20.00	[Land Details]
			P		20.00	[Land Details]

Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, 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
December 25, 2014
and ending with the issue dated
December 25, 2014.



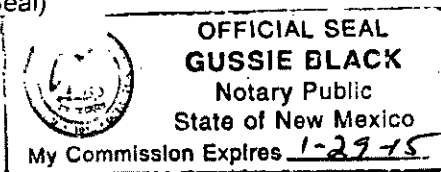
Publisher

Sworn and subscribed to before me this
25th day of December 2014.



Business Manager

My commission expires
January 29, 2015
(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

LEGALS

LEGAL NOTICE
DECEMBER 25, 2014

NOTICE OF COMMERCIAL DISPOSAL APPLICATION

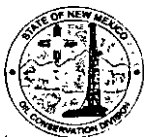
Amtex Energy, Inc., c/o PO Box 3418, Midland, Texas 79702 will file the New Mexico Oil Conservation Division Form C-108, Application for Authorization to inject, with the NMOC seeking administrative approval for commercial water injection/disposal into their Chukar State Well No. 1, located 330 FSL & 2310 FEL of Section 16, T19S, R34E, Lea County, NM. The proposed injection interval is from 4538' to 4552'. The proposed maximum surface pressure is 1200 psi, with a maximum injection rate of 3,000 bbls water per day. The injection will be sourced from the Bone Spring area formation water at 10,700'.

All interested parties opposing the application must file objection with the New Mexico Oil Conservation Division 1220 South Saint Francis Dr., Santa Fe, NM, 87505, within fifteen (15) days of this notice. Additional information can be obtained by contacting Bill Savage, Amtex Energy, Inc., PO BOX 3418, Midland, Texas 79702, (432) 686-0847. #29661

67107306

00149595

AMTEX ENERGY, INC.
PO BOX 3418
MIDLAND, TX 79702



C-108 Review Checklist: Received 01/02/15 Add. Request: 3 Reply Date: 10/22/15 Suspended: — [Ver 15]

ORDER TYPE: WFX / PMX / SWD Number: 1545 Order Date: 10/22/15 Legacy Permits/Orders: District I

Well No. 1 Well Name(s): Chukar State

Compliance Date of 04/21/15

API: 30-0 25-32747 Spud Date: 11/30/1994 New or Old: New (UIC Class II Primacy 03/07/1982)

Footages 330 FSL / 2310 FEL Lot — or Unit 0 Sec 16 Tsp 19S Rge 34E County Lea

General Location: 12 West of Arkansas Junction Pool: Boat Spring (adapted well) Pool No.: —

BLM 100K Map: Hobbs Operator: Amtext Energy Inc. OGRID: 785 Contact: William Savage

COMPLIANCE RULE 5.9: Total Wells: 24 Inactive (4) Fincl Assur: Yes Compl. Order: [No] IS 5.9 OK? Yes Date: 10/22/15

WELL FILE REVIEWED ☒ Current Status: Talk with UIC coord. & District I DS/TA for 2 wells renewed following

WELL DIAGRAMS: NEW: Proposed ☐ or RE-ENTER: Before Conv. ☒ After Conv. ☒ Logs in Imaging: MITs

Planned Rehab Work to Well: Existing construction/no changes

Well Construction Details		Sizes (in)	Setting	Cement	Cement Top and
		Borehole / Pipe	Depths (ft)	Sx or Cf	Determination Method
Planned <input type="checkbox"/> or Existing <input checked="" type="checkbox"/> Surface		14 3/4 / 95/8	0 to 1450	1450	Cr. to surface
Planned <input type="checkbox"/> or Existing <input checked="" type="checkbox"/> Interm/Prod		(original) 7 7/8 / 4 1/2	0 to 8134	2270 / 2 stages	Calc. TOC 550'
Planned <input type="checkbox"/> or Existing <input type="checkbox"/> Interm/Prod		—	—	—	—
Planned <input type="checkbox"/> or Existing <input type="checkbox"/> Prod/Liner		—	—	—	—
Planned <input type="checkbox"/> or Existing <input type="checkbox"/> Liner		—	—	—	—
Planned <input type="checkbox"/> or Existing <input checked="" type="checkbox"/> OH / PERM		7 7/8 / 4 1/2	4538' to 4552'	Inj Length	
Injection Lithostratigraphic Units:		Depths (ft)	Injection or Confining Units	Completion/Operation Details:	
Adjacent Unit: Litho. Struc. Por.			3510	Drilled TD <u>8134</u> PBTD <u>4850 CIBP</u>	
Confining Unit: Litho. Struc. Por.			4070	NEW TD <u>—</u> NEW PBTD <u>—</u>	
Proposed Inj Interval TOP:		<u>4538</u>	<u>Queen</u>	NEW Open Hole <input type="checkbox"/> or NEW Perfs <u>(NA) Existing</u>	
Proposed Inj Interval BOTTOM:		<u>4552</u>	<u>Grayburn</u>	Tubing Size <u>2 3/8</u> in. Inter Coated? <u>Yes</u>	
Confining Unit: Litho. Struc. Por.			4830	Proposed Packer Depth <u>4500</u> ft	
Adjacent Unit: Litho. Struc. Por.			5150	Min. Packer Depth <u>4438</u> (100-ft limit)	
				Proposed Max. Surface Press. <u>1200</u> psi	
				Admin. Inj. Press. <u>908</u> (0.2 psi per ft)	
AOR: Hydrologic and Geologic Information					
POTASH: R-111-P <u>NO</u> Noticed? <u>NA</u> BLM Sec Ord <u>NO</u> WIPP <u>NO</u> Noticed? <u>NA</u> Salt/Salado T: <u>—</u> B: <u>—</u> NW: Cliff House fm <u>NA</u>					
FRESH WATER: Aquifer <u>Ogallala / SR</u> Max Depth <u><200'</u> HYDRO AFFIRM STATEMENT By Qualified Person <input checked="" type="checkbox"/>					
NMOSE Basin: <u>Lea</u> CAPITAN REEF: thru <input type="checkbox"/> adj <input type="checkbox"/> <u>NA</u> No. Wells within 1-Mile Radius? <u>0</u> FW Analysis <u>NA</u>					
Disposal Fluid: Formation Source(s) <u>Queen</u> Analysis? <u>Yes - Historical</u> On Lease <input type="checkbox"/> Operator Only <input type="checkbox"/> or Commercial <input checked="" type="checkbox"/>					
Disposal Int: Inject Rate (Avg/Max BWPD): <u>not provided</u> Detectable Waters? <u>No</u> Source: <u>Historical</u> System: Closed <input type="checkbox"/> or Open <input type="checkbox"/>					
HC Potential: Producing Interval? <u>Yes</u> Formerly Producing? <u>Yes</u> Method: Logs/DST/P&A/Other <u>Depicted</u> 2-Mile Radius Pool Map <u>1</u>					
AOR Wells: 1/2-M Radius Map? <u>Yes</u> per well List? <u>Yes</u> Total No. Wells Penetrating Interval: <u>5</u> Horizontals? <u>16</u>					
Penetrating Wells: No. Active Wells <u>2</u> Num Repairs? <u>0</u> on which well(s)? <u>—</u> Diagrams? <u>No for 1</u>					
Penetrating Wells: No. P&A Wells <u>3</u> Num Repairs? <u>0</u> on which well(s)? <u>—</u> Diagrams? <u>No for 2</u>					
NOTICE: Newspaper Date <u>12/24/14</u> Mineral Owner <u>NMSLO</u> Surface Owner <u>NMSLO</u> N. Date <u>01/12/15</u>					
RULE 26.7(A): Identified Tracts? <u>Yes</u> Affected Persons: <u>Matador / MRC Permian / BLM</u> N. Date <u>01/12/15</u>					

Order Conditions: Issues: *Antex met with NMSLO and demonstrated no impact to Trust minerals

Add Order Cond: No Special Requirements

Inactive Well List

Total Well Count: 24 Inactive Well Count: 4

Printed On: Wednesday, April 22 2015

MITS Conducted & TA status extension approved

District	API	Well	ULSTR	OCD Unit	OGRID	Operator	Lease Type	Well Type	Last Production	Formation/Notes	Status	TA Exp Date
1	30-025-32747	CHUKAR STATE #001	O-16-19S-34E	O	785	AMTEX ENERGY INC	S	O	04/1995	TA EXP 4/21/2015 PER MB	T	4/21/2015
1	30-025-31653	DAGGER LAKE 5 STATE #001	O-5 -22S-33E	O	785	AMTEX ENERGY INC	S	O	07/1995	TA EXP 4/21/2015 PER MB	T	4/21/2015
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	01/2012	MORROW INT REMEDIAL WORK 05/10/11		

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

432 - 770 - 0913

Submit 1 Copy To Appropriate District Office

District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

HOBBS OGD
OCT 20 2015
RECEIVED
State of New Mexico
Energy, Minerals and Natural Resources
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-31653	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No. 19207	
7. Lease Name or Unit Agreement Name Dagger Lake 5 State	
8. Well Number 1	
9. OGRID Number 000785	
10. Pool name or Wildcat Dagger Lake Delaware	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) KB 3661'	

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
Amtext Energy, Inc.

3. Address of Operator
P.O. Box 3418, Midland, TX 79702

4. Well Location
Unit Letter O : 330 feet from the South line and 1980 feet from the East line
Section 5 Township 22S Range 33E NMPM Lea County

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 OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: Request for TA Status <input checked="" 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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Six (6) Month TA Status Extension Request.

Spud Date:

Rig Release Date:

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

SIGNATURE William J. Savage TITLE President DATE 10/20/15

Type or print name William J. Savage E-mail address: bsavage@amtextenergy.com PHONE: (432) 686-0824

For State Use Only

APPROVED BY: Malays Brown TITLE Dist. Supervisor DATE 10/20/2015

Conditions of Approval (if any):

OCT 20 2015

MB

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
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District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Minerals and Natural Resources
CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-32747	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No. E0-7824	
7. Lease Name or Unit Agreement Name Chukar State	
8. Well Number 1	
9. OGRID Number 000785	
10. Pool name or Wildcat Pearl; Queen	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GL 3767'	
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: Request for TA Status <input checked="" type="checkbox"/>	
SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.	

Six (6) Month TA Status Extension Request.

Spud Date:

Rig Release Date:

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

SIGNATURE William J. Savage TITLE President DATE 10/20/15

Type or print name William J. Savage E-mail address: bsavage@amtenergy.com PHONE: (432) 686-0824

For State Use Only

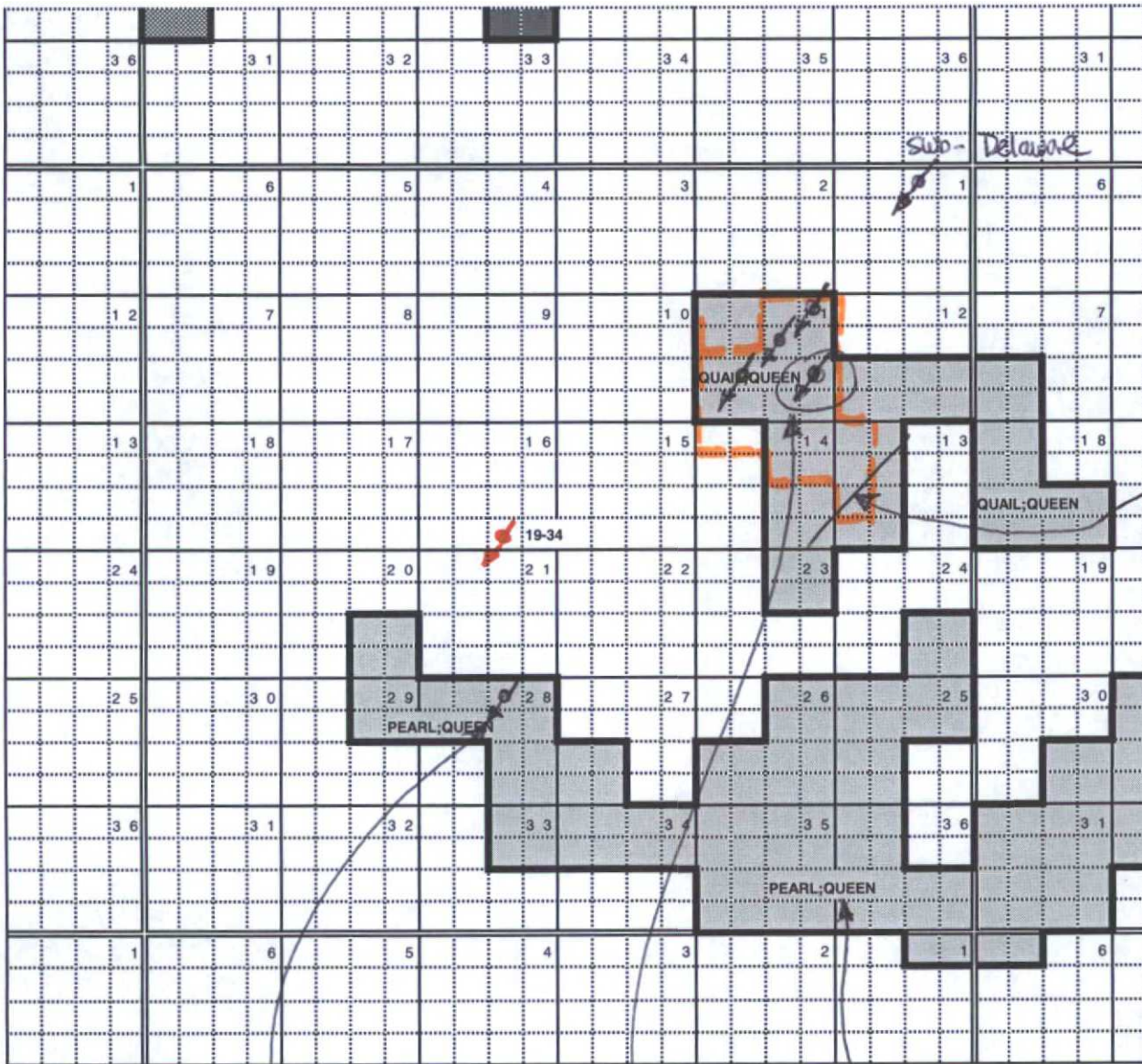
APPROVED BY: Mary S Brown TITLE Dist. Supervisor DATE 10/20/2015

Conditions of Approval (if any):

OCT 20 2015

MB

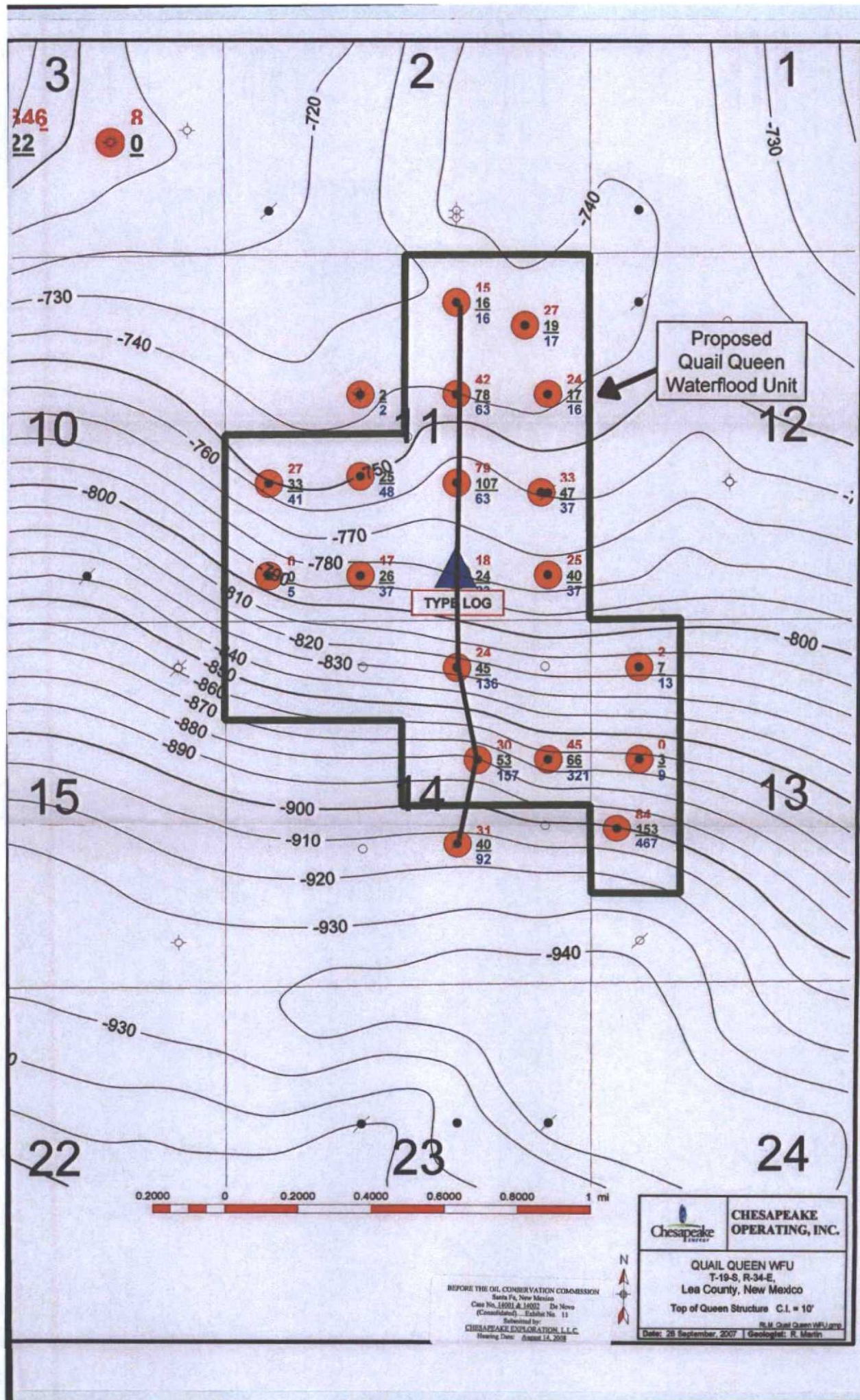
Queen Pools - Units in Area



MRU #282
 30-025-02399
 R-3660 / Case No. 4019
 Yates - 3860' - 4050'
 [Queen + Yates]
 ~160 BWPD

[Sec. 35]
 R-4714
 WFX-736
 Mescalero Ridge Unit

Quail Queen Unit #34
 30-025-26221
 R-12952 / Case No. 14602
 5033' - 5394' (approved)
 Current: 5002' to 5096'
 [operating as an SWB]



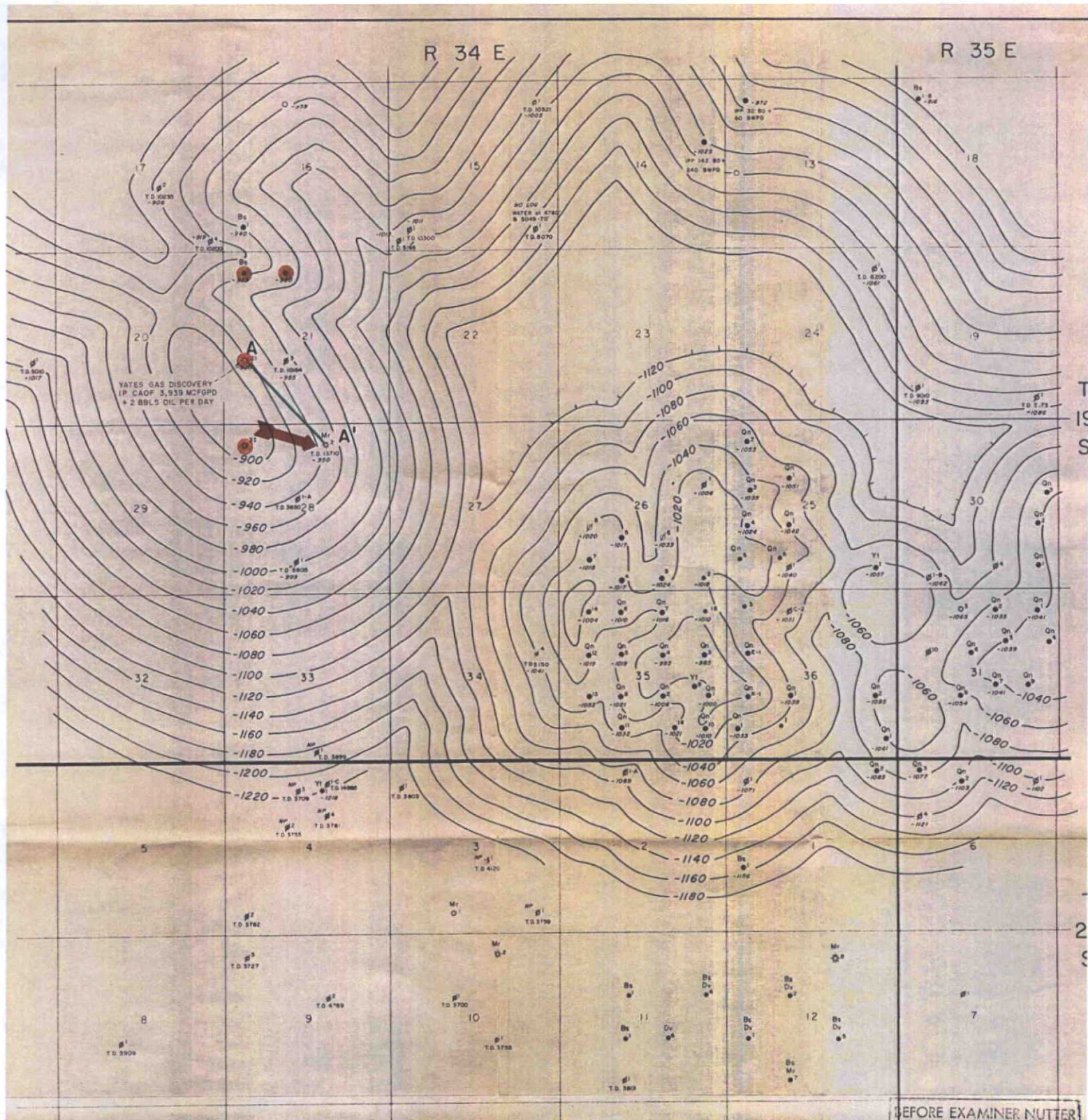
Proposed
Quail Queen
Waterflood Unit

TYPE LOG

0.2000 0 0.2000 0.4000 0.6000 0.8000 1 mi

	CHESAPEAKE OPERATING, INC.
	QUAIL QUEEN WFU T-19-S, R-34-E, Lea County, New Mexico
	Top of Queen Structure C.I. = 10'
	By: M. Quail Queen WFU and Date: 28 September, 2007 Geologist: R. Martin

BEFORE THE OIL CONSERVATION COMMISSION
Barron Fd, New Mexico
Case No. 1801 & 1802 De Novo
(Consolidated) Exhibit No. 11
Submitted by:
CHESAPEAKE EXPLORATION, L.L.C.
Hearing Date: August 14, 2008



QUAIL RIDGE BONE SPRING
 QUAIL RIDGE YATES

TYPE & KIND OF MAP

STRUCTURE

CONTOUR HORIZON: QUEEN MARKER
 CONTOUR INTERVAL: 20'
 INTERPRETATION BY: J. WESCOTT DATE: 5-26-68
 CONTOURED BY: J. WESCOTT DATE: 4-26-68
 REVISED BY: DATE:
 VELOCITY FUNCTION:
 DATUM PLANE:
 DATUM VELOCITY:

SINCLAIR OIL CORPORATION
 MIDLAND, TEXAS

MESCALERO RIDGE UNIT

LEA COUNTY, NEW MEXICO

DRAWN BY: T.D.C. CHECKED BY: J.W.H. DATE: 4-26-68
 SCALE: 1" = 2000' REVISED:

BEFORE EXAMINER NUTTER
 OIL CONSERVATION COMMISSION
 EXHIBIT NO. 2
 CASE NO. 4019

Goetze, Phillip, EMNRD

From: Holm, Anchor <aholm@slo.state.nm.us>
Sent: Wednesday, October 14, 2015 12:40 PM
To: Goetze, Phillip, EMNRD
Cc: Padilla, Patrick; Khalsa, Niranjana K.; Warnell, Terry G.; Martin, Ed
Subject: Amtex Energy, Inc. - Chukar State SWD #1 Application (30-025-32747)

Phil,

Today at 10:30 am, Mr. Bill Savage, President, Amtex Energy, Inc., met with the State Land Office, Oil Gas & Minerals Division (Patrick L. Padilla, Niranjana Khalsa and Anchor Holm) to discuss their Salt Water Disposal (SWD) Application for their Chukar State SWD #1 well (30-025-32747) and the newly presented area detail geology and swab testing in a West offset well of the Upper Queen proposed SWD interval (4538' to 4552'). Based upon very good geology within the immediate area and related production from the Upper Queen approximately 10 miles to the East and updip, the site (Lot O, Section 16, Township 19 South, Range 34 East, Lea County, NM) of the proposed SWD completion has been demonstrated to be isolated from the oil and gas production to the East by structure. Also, the Upper Queen is isolated from nearby (~1 mile to SSW) oil production from the Queen formation by over 300 feet vertically and lack of productive oil continuity from the producing oil well in Lot L, Section 20, Township 19 South, Range 34 East.

We have concluded that based upon the newly presented data, the State Land Office should withdraw our concern relative to disposal into the Upper Queen zone at the Chukar State SWD #1 well.

Please withdraw all SLO of concerns relative to the downhole recompletion of this well to SWD in the proposed interval. Since the well is located upon State Trust Surface Lands, Amtex Energy will also be required to obtain an SWD Easement (business lease) from the State Land Office.

Thank you,

Anchor E. Holm

Geoscientist/Petroleum Engineering Specialist

Oil Gas & Minerals Division

Your Number 505.827.5759

New Mexico State Land Office

310 Old Santa Fe Trail

P.O. Box 1148

Santa Fe, NM 87504-1148

aholm@slo.state.nm.us



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AMTEX (CHI) ENERGY 3779
#1 CHUKAR
3305
23/06
16-0- 12-34

Boiler

Function

4400

4500

4600

4700

Neutron Porosity

Density Porosity

4400

4500

4600

4700

Q₂

4538
4552

Q₂

Q₂

Boiler

Function

4400

4500

4600

4700

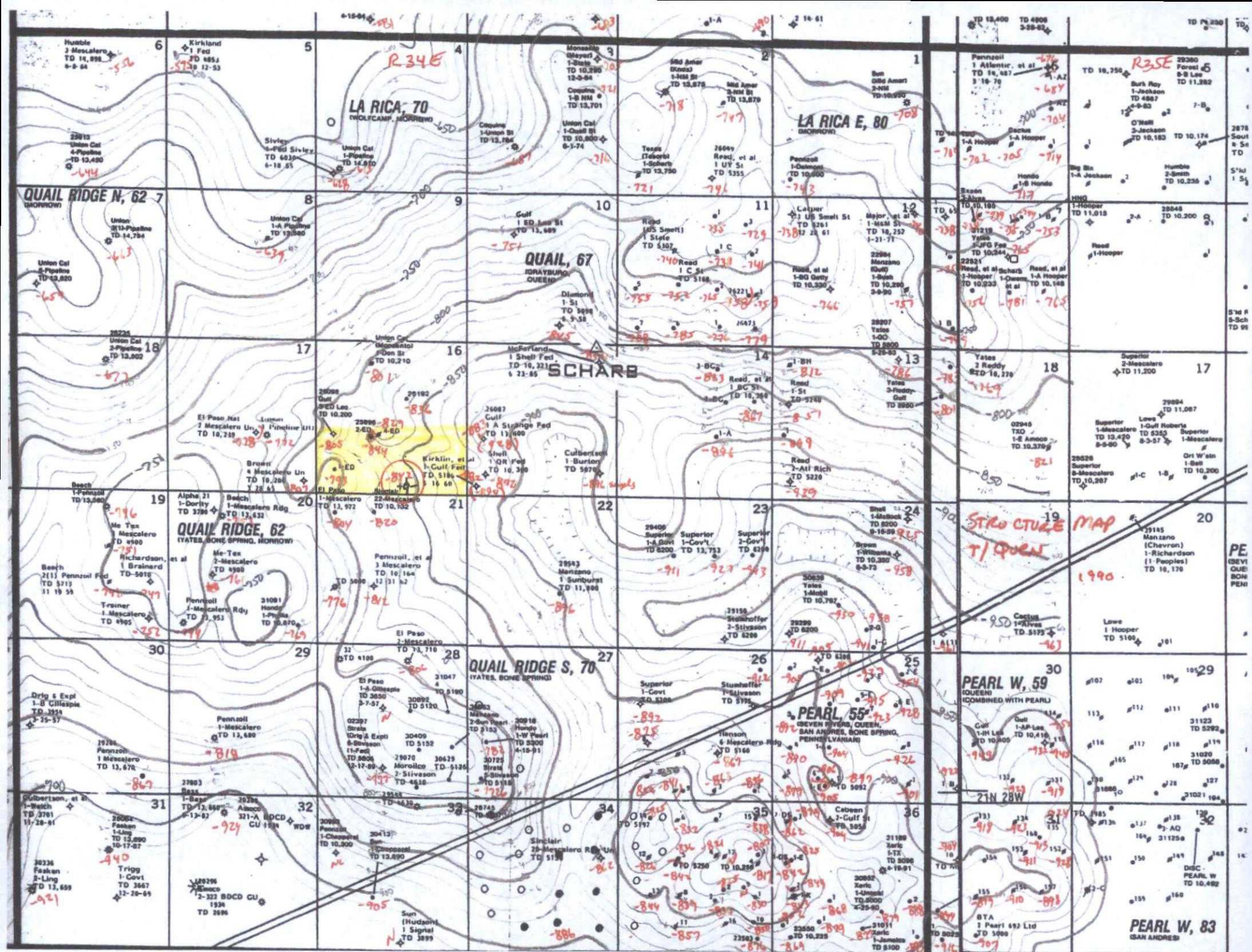
Function

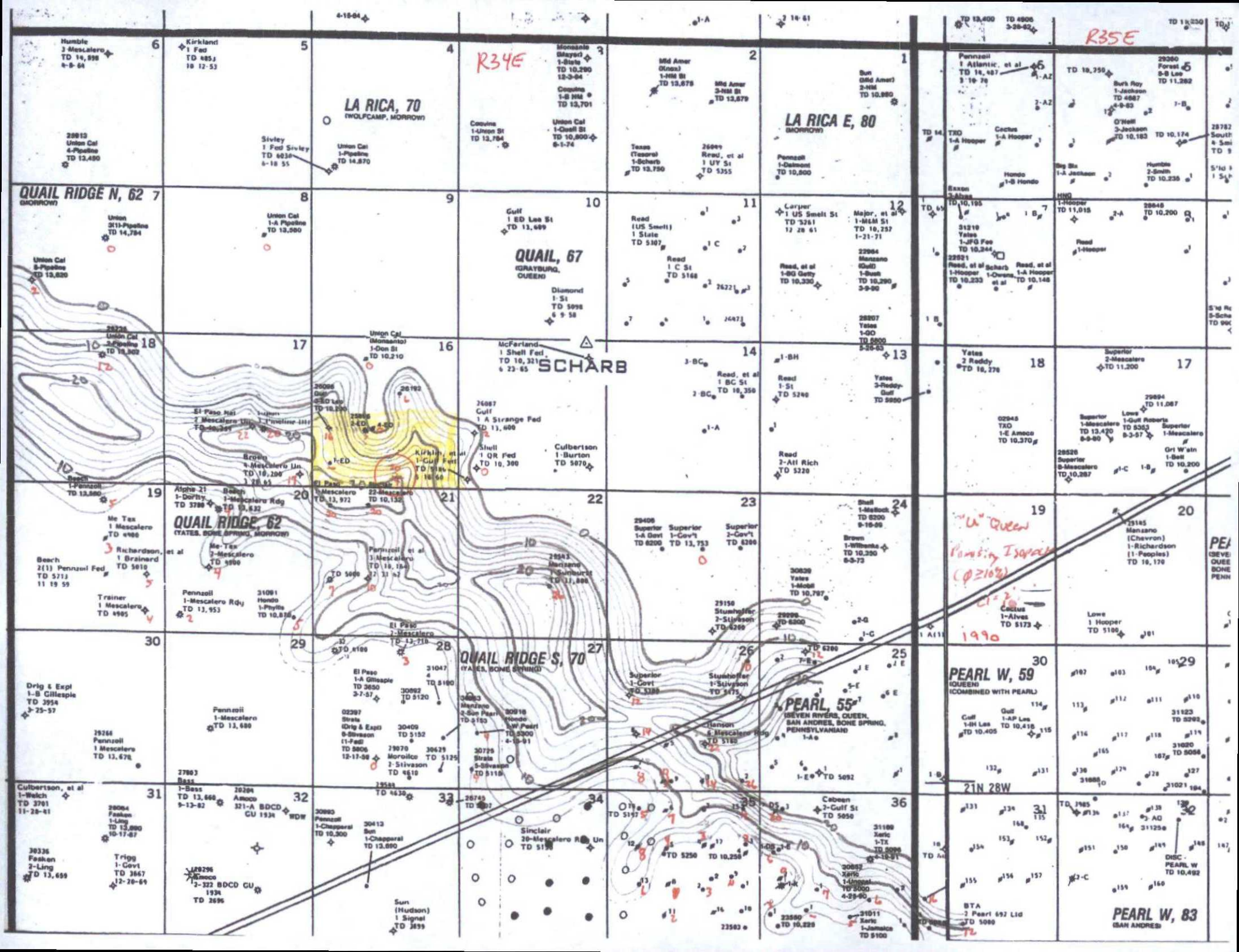
4400

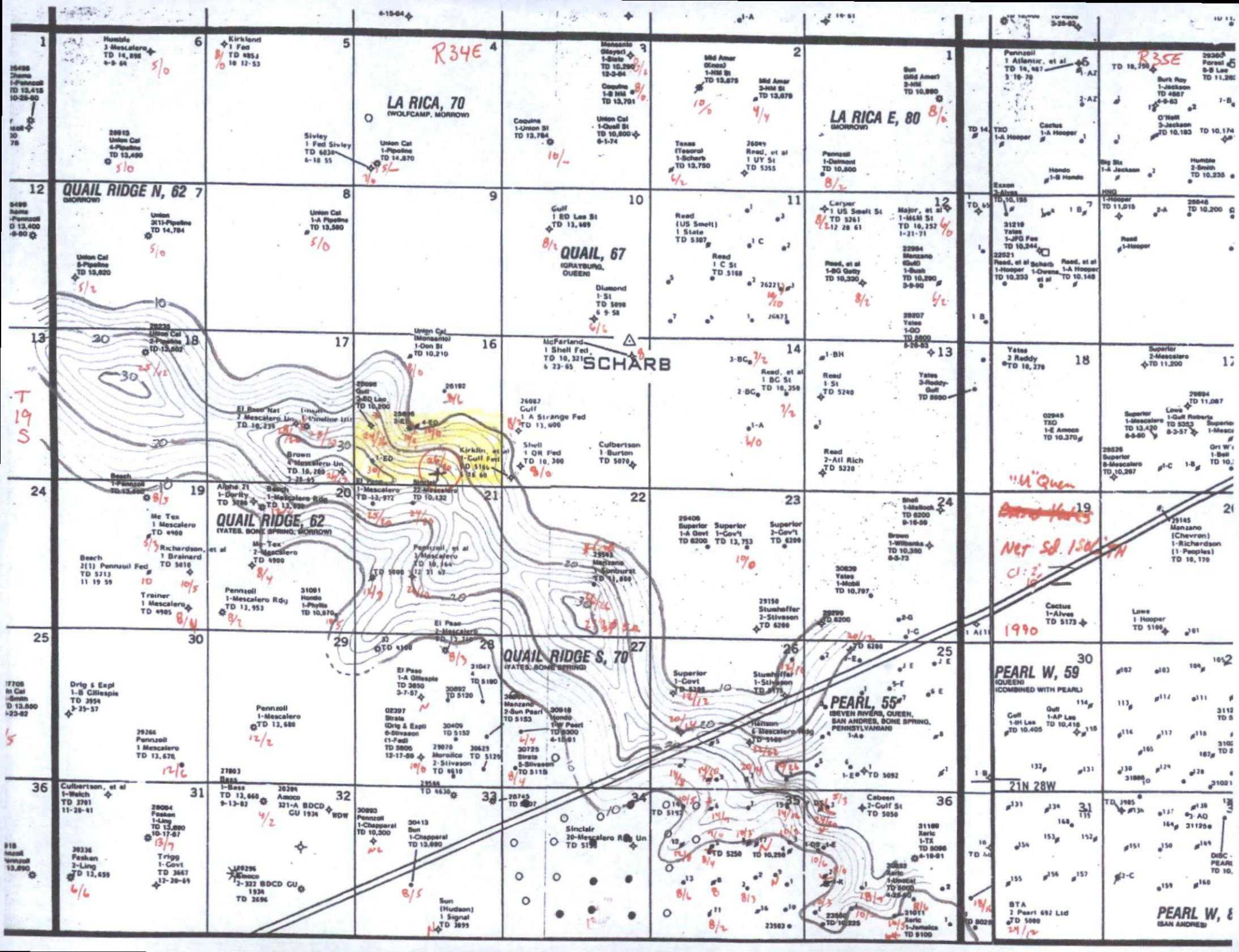
4500

4600

4700







Goetze, Phillip, EMNRD

From: Holm, Anchor <aholm@slo.state.nm.us>
Sent: Monday, May 11, 2015 1:11 PM
To: Goetze, Phillip, EMNRD
Cc: Jones, William V, EMNRD; McMillan, Michael, EMNRD; Martin, Ed; Warnell, Terry G.
Subject: RE: Amtex's Application for Conversion of Queen Producer to SWD

Phillip,

The State Land Office has concerns that disposal of produced waters into the P&A'd **Chuka State #1** (30-015-32747) using the previously producing oil perforations. Disposal into a proven oil productive zone on State Trust Lands at a location near the edge of the property will cause oil and gas to be displaced off the lease and onto non-Trust lands.

There has been proven production from two wells completed in this Queen formation oil zone, located in P-20-19S-34E and M-11-19S-34E. Additionally, there was oil shows in two wells from this zone, located in J-17-19S-34E and L-20-19S-34E. These wells surrounding the proposed SWD well demonstrate continuity of the oil reservoir in this area. There are currently no producing oil wells in the Queen within 1.75 miles of the proposed SWD.

Please let the State Land Office know if this well application proceeds to hearing.

Thank you,

Anchor Holm

*GeoScientist/Petroleum Engineering Specialist
NM State Land Office
Oil, Gas and Minerals Division
P.O. Box 1148
310 Old Santa Fe Trail
Santa Fe, NM 87504-1148
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aholm@slo.state.nm.us*

From: Goetze, Phillip, EMNRD [<mailto:Phillip.Goetze@state.nm.us>]
Sent: Thursday, April 23, 2015 1:58 PM
To: Holm, Anchor
Cc: Jones, William V, EMNRD; McMillan, Michael, EMNRD
Subject: Amtex's Application for Conversion of Queen Producer to SWD

RE: Chukar State No. 1 (API 30-025-32747); UL O, Sec. 16, T19S, R34E

Anchor:

Wanted to touch base on this since the applicant provided the surface lessee with the application, but there is no indication of the NMSLO being provided a copy. The applicant, Amtex Energy, Inc., has made an application to convert an old Queen well to a SWD. Amtex holds the lease for the south half of Section 16 under E078240002. Amtex is proposing injection into an interval with the existing perms from 4538' to 4552'. (I looked at the logs for the well and make the top of the Queen at approximately 4530' as opposed to the original pick of 4640').

Meanwhile, this well has not produced in the Queen since 1995 and OCD Hobbs has identified this well for P&A. I've looked at the areal production and find two water floods in the vicinity: the Mescalero Ridge Unit a mile to the south of the well and the Quail Queen Unit a mile and half to the east of the well location. Based on the information in the case files for the units, this well location is not within the closures used to define the respective units. Using this information and the lack of Queen producers within a mile, I have assessed this well as a depleted Queen producer and will recommend approval of the conversion. Any objections on behalf of NMSLO? Thanks. PRG

Phillip R. Goetze, P.G.

Engineering and Geological Services Bureau, Oil Conservation Division

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phillip.goetze@state.nm.us

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