

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

Form C-101
Revised July 18, 2013

☐ AMENDED REPORT

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

¹ Operator Name and Address AMTEX ENERGY, INC. P.O. BOX 3418 MIDLAND, TEXAS 79702		² OGRID Number 000785
		³ API Number 30-025-32747
⁴ Property Code 19253	⁵ Property Name CHUKAR STATE	⁶ Well No. 1

⁷ Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
O	16	19S	34E		330	S	2310	E	LEA

⁸ Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

⁹ Pool Information

Pool Name <i>SWD</i> PEARL; QUEEN	Pool Code 96117 49780
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Additional Well Information

¹¹ Work Type E	¹² Well Type S	¹³ Cable/Rotary NA	¹⁴ Lease Type S	¹⁵ Ground Level Elevation 3767'
¹⁶ Multiple NO	¹⁷ Proposed Depth PBTD=4815'	¹⁸ Formation QUEEN	¹⁹ Contractor	²⁰ Spud Date 01-28-16
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☐ We will be using a closed-loop system in lieu of lined pits

NOTE: SEE APPROVED C-108, ATTACHED.

²¹ Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf.	14.75"	9.625"	36 lb./ft.	1657'	1450 sx	Circ. 490 sx
Prod.	7.875"	4.5"	10.5 lb./ft.	8134'	2270 sx	550' FS
Injection	Tubing	See attached Well Bore Sketch.				

Casing/Cement Program: Additional Comments

N/A

²² Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
N/A			

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 I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☐, if applicable.
 Signature: *William J. Savage*

Printed name: WILLIAM J. SAVAGE

Title: PRESIDENT

E-mail Address: bsavage@amtenergy.com

Date: 12/16/15

Phone: (432) 686-0847

OIL CONSERVATION DIVISION

Approved By:

Title: *Petroleum Engineer*

Approved Date: *02/11/16*

Expiration Date: *02/11/18*

Conditions of Approval Attached

See Attached

Conditions of Approval

FEB 12 2016

CONDITIONS OF APPROVAL

API #	Operator	Well name & Number
30-025-32747	AMTEX ENERGY INC	CHUKAR STATE # 001

Applicable conditions of approval marked with **XXXXXX**

Administrative Orders Required

SWD-1545	Will require administrative order for SWD prior to placing the well on injection

Other wells

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Drilling

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Casing

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Pits

XXXXXX	If using a pit for drilling and completions, must have an approved pit form prior to spudding the well

Completion & Production

XXXXXX	Must notify Hobbs OCD office prior to conducting MIT (575) 393-6161 ext. 114
XXXXXX	Must conduct MIT prior to any injection

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

David R. Catanach, Division Director
Oil Conservation Division



Administrative Order SWD-1545
October 22, 2015

**ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION**

Pursuant to the provisions of Division Rule 19.15.26.8(B) NMAC, Amtex Energy, Incorporated (the "operator") seeks an administrative order to re-enter the Chukar State Well No. 1 with a location 330 feet from the South line and 2310 feet from the East line, Unit letter O of Section 16, Township 19 South, Range 34 East, NMPM, Lea County, New Mexico, for the of commercial disposal of produced water.

THE DIVISION DIRECTOR FINDS THAT:

The application has been duly filed under the provisions of Division rule 19.15.26.8(B) NMAC and satisfactory information has been provided that affected parties as defined in said rule have been notified and no objections have been received. The applicant has presented satisfactory evidence that all requirements prescribed in rule 19.15.26.8 NMAC have been met and the operator is in compliance with rule 19.15.5.9 NMAC.

IT IS THEREFORE ORDERED THAT:

The applicant, Amtex Energy, Inc. (OGRID 785) is hereby authorized to utilize its Chukar State Well No. 1 (API No. 30-025-32747) with a location 330 feet from the South line and 2310 feet from the East line, Unit letter O of Section 16, Township 19 South, Range 34 East, NMPM, Lea County, New Mexico, for commercial disposal of oil field produced water (UIC Class II only) through a perforated interval within the Queen formation from 4538 feet to 4552 feet. Injection shall occur through 2½-inch or smaller, internally-coated tubing and a packer set a maximum of 100 feet above the top perforation.

IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the disposed water enters only the approved disposal interval and is not permitted to escape to other formations or onto the surface. This includes the well construction proposed and described in the application.

After installing tubing, the casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge or an approved leak detection device in order to determine leakage in the casing, tubing, or packer. The casing shall be pressure tested from the surface to the packer setting depth to assure casing integrity.

The well shall pass an initial mechanical integrity test ("MIT") prior to initially commencing disposal and prior to resuming disposal each time the disposal packer is unseated. All MIT procedures and schedules shall follow the requirements in Division rule 19.15.26.11(A) NMAC. The Division Director retains the right to require at any time wireline verification of completion and packer setting depths in this well.

The wellhead injection pressure on the well shall be limited to **no more than 908 psi**. In addition, the disposal well or system shall be equipped with a pressure limiting device in workable condition which shall, at all times, limit surface tubing pressure to the maximum allowable pressure for this well. At the discretion of the supervisor of the Division's District I office, the operator shall install and maintain a chart recorder showing casing and tubing pressures during disposal operations.

The Director of the Division may authorize an increase in tubing pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the disposed fluid from the target formation. Such proper showing shall be demonstrated by sufficient evidence including but not limited to an acceptable Step-Rate Test.

The operator shall notify the supervisor of the Division's District I office of the date and time of the installation of disposal equipment and of any MIT so that the same may be inspected and witnessed. The operator shall provide written notice of the date of commencement of disposal to the Division's District I office. The operator shall submit monthly reports of the disposal operations on Division Form C-115, in accordance with Division rules 19.15.26.13 and 19.15.7.24 NMAC.

The injection authority granted under this order is not transferable except upon Division approval. The Division may require the operator to demonstrate mechanical integrity of any injection well that will be transferred prior to approving transfer of authority to inject.

The Division may revoke this injection order after notice and hearing if the operator is in violation of rule 19.15.5.9 NMAC.

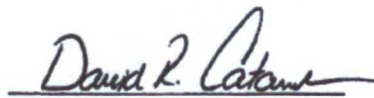
The disposal authority granted herein shall terminate two (2) years after the effective date of this Order if the operator has not commenced injection operations into the subject well. One year after the last date of reported disposal into this well, the Division shall consider the well abandoned, and the authority to dispose will terminate *ipso facto*. The Division, upon written request mailed by the operator prior to the termination date, may grant an extension thereof for good cause.

Compliance with this Order does not relieve the operator of the obligation to comply with other applicable federal, state or local laws or rules, or to exercise due care for the protection of fresh water, public health and safety and the environment.

Jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or protection of correlative rights or upon failure of the operator to conduct operations (1) to protect fresh or protectable waters or (2) consistent with the

Administrative Order SWD-1545
Amtex Energy, Inc.
October 22, 2015
Page 3 of 3

requirements in this order, whereupon the Division may, after notice and hearing, terminate the disposal authority granted herein.



DAVID R. CATANACH
Director

DRC/prg

cc: Oil Conservation Division – Hobbs District Office
State Land Office – Oil, Gas and Minerals Division

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

Proposed Well Bore, 12-16-15

