

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: January 31, 2018

RECEIVED

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No. **JIC 120**  
6. If Indian, Allottee or Tribe Name  
**Jicarilla Apache**  
Farmington Field Office  
Bureau of Land Management  
OCT 05 2017

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No.
2. Name of Operator <b>LOGOS Operating, LLC</b>		8. Well Name and No. <b>Jicarilla 120 C 19</b>
3a. Address <b>2010 Afton Place Farmington, NM 87401</b>	3b. Phone No. (include area code) <b>(505) 324-4145</b>	9. API Well No. <b>30-039-22076</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>1760' FNL 790' FWL, (SW/NW), E Sec 32, T26N, R04W</b>		10. Field and Pool or Exploratory Area <b>Blanco P.C. South</b>
		11. Country or Parish, State <b>Rio Arriba County, NM</b>

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input checked="" type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

The subject well was P&A'd by Energen Resources on 3/8/2005.  
The location was inspected on 05/18/17 with Bob Switzer/BLM, Deedra Mike/BIA, Alfred Vigil Jr./JOGA and Jason Sandoval/JOGA.  
Action Items: removed berms on both access roads. Mulched and reseeded small area of location and access road.  
Completed 9/15/17. See attached seed mix.

OIL CONS. DIV DIST. 3  
OCT 23 2017

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) <b>Tamra Sessions</b>	Regulatory Specialist
Signature <i>Tamra Sessions</i>	Title
	Date <b>10/05/2017</b>

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

COLORADO DEPARTMENT OF AGRICULTURE  
CONSERVATION SERVICES  
305 Interlocken Parkway  
Broomfield, Colorado 80021  
(303) 869-9031

**TRANSIT CERTIFICATE  
WEED FREE FORAGE CROP CERTIFICATION ACT 35-27.5**

TO WHOM IT MAY CONCERN:

The forage crop, to which this Transit Certificate relates, has been officially certified according to the Colorado Weed Free Forage Crop Certification Act 35-27.5. Pursuant to those standards, the information below has been included in this Transit Certificate concerning said certification. The Certificate of Inspection relating to said forage crop is on file at the:

Colorado Department of Agriculture  
Conservation Services  
305 Interlocken Parkway  
Broomfield, Colorado 80021  
Telephone: (303) 869-9031  
FAX: (303) 466-2860

**PLEASE PRINT IN INK**

Edward Buhr Ed A. Buhr  
Grower's Name Grower's Signature

Alamosa  
County of Origin

Straw  
Identify Forage Crop Type

50  
Bales Sold

9-13-17  
Date of Sale

IDENTIFICATION  
INSPECTOR'S INITIALS CB  
GROWER'S INITIALS EB  
FIELD NUMBER 144-3-16  
DATE 9-20-16

(Identification found in upper right corner of Certificate of Inspection: Form CS-WF-05)

**FORAGE CERTIFIED ACCORDING TO THE REGIONAL WEED FREE FORAGE STANDARDS**

**Note:** Forage certified under the Colorado Weed Free Forage Crop Certification Act shall be baled with at least one strand of **blue and orange** colored twine or **galvanized** wire.

**GROWER MUST ISSUE WHITE COPY TO PURCHASER; MAIL CANARY COPY TO DEPARTMENT OF AGRICULTURE; KEEP PINK COPY FOR FILE FOR EACH SALE.**

Southwest Seed, Inc.  
13514 Road 29  
Dolores, CO 81323  
Phone: 970-565-8722

Custom Bulk Seed Mixture Analysis

LOT NO: 2017.0656

9/7/2017

Species: WEST CONSTRUCTION

Variety: SOUTH OF T27N

Lot No	Species	Variety	CL	OR	PURE	INERT	CROP	WEED	Rstr	Nox	Live	PLS	Test Date	Bulk LBS	PLS LBS	Pure %
2015.0067	PUBESCENT WHEATGRASS	LUNA	C	WY	95.64	4.36	0.00	0.00	NF	NF	95	90.86	01/19/17	2.31	2.1	17.02
2015.0596	GALLETA	VIVA	C	CO	47.89	51.84	0.17	0.10	NF	NF	79	37.83	04/10/17	2.12	.8	7.80
2015.0782	INDIAN RICEGRASS	PALOMA	C	CO	99.64	0.36	0.00	0.00	NF	NF	95	94.66	11/06/16	1.16	1.1	8.92
2015.0815	PALMER PENSTEMON	CEDAR	C	CO	97.68	1.95	0.00	0.37	NF	NF	95	92.80	08/30/17	1.08	1	8.11
2016.0080	LEWIS FLAX	APPAR	C	WA	98.77	0.99	0.24	0.00	NF	NF	94	92.84	11/09/16	.32	.3	2.46
2016.0133	CRESTED WHEATGRASS	HYCREST	C	CO	97.36	2.38	0.00	0.26	NF	NF	94	91.52	03/20/17	1.64	1.5	12.29
2016.0522	WESTERN WHEATGRASS	ARRIBA	C	CO	97.89	2.11	0.00	0.00	NF	NF	94	92.02	03/31/17	3.48	3.2	26.22
2016.0854	BLUE GRAMA	HACHITA	C	CO	79.20	20.48	0.28	0.04	NF	NF	86	68.11	01/13/17	.88	.6	5.37
Pure: 88.18% Inert: 11.69% Crop: 0.05% Weed: 0.08% Total: 100.00%													Grand Total		12.99	19.60

REMARK: 1 BAG CONTAINING 12.987 BULK #S (10.6 PLS#S) TO SEED 1 ACRE

Noxious Weeds (seeds/lb):

NOTICE TO BUYER - EXCLUSION OF WARRANTY AND LIMITATION: We warrant that the seed sold has been labeled as required in the State and Federal Seed Laws, and that it conforms to the label description, within tolerances recognized by law. NO OTHER WARRANTY IS MADE, expressed or implied, INCLUDING without limitation, THE MERCHANTABILITY, THE PERFORMANCE OF THE CROP AS TO YIELD OR QUALITY, OR THE FITNESS FOR PARTICULAR PURPOSES. It is expressly agreed that the liability to the buyer or others from any type of loss shall be limited solely to the amount of the purchase price of the seed. Seed not accepted on the above terms and conditions may be returned to the place of purchase in the unopened containers within 10 days. Under the "Colorado Seed Act" arbitration is required as a prerequisite to certain legal actions, counterclaims, or defenses against a seller of seed. Information about this requirement may be obtained from the Colorado Commissioner of Agriculture.

Southwest Seed, Inc.  
13514 Road 29  
Dolores, CO 81323  
Phone: 970-565-8722

Custom Bulk Seed Mixture Analysis

LOT NO: 2017.0670

9/13/2017

Species: WEST CONSTRUCTION

Variety: SOUTH OF T27N

Lot No	Species	Variety	CL	OR	PURE	INERT	CROP	WEED	Rstr	Nox	Live	PLS	Test Date	Bulk LBS	PLS LBS	Pure %
2015.0815	PALMER PENSTEMON	CEDAR	C	CO	97.68	1.95	0.00	0.37	NF	NF	95	92.80	08/30/17	2.16	2	8.78
2016.0080	LEWIS FLAX	APPAR	C	WA	98.77	0.99	0.24	0.00	NF	NF	94	92.84	11/09/16	.65	.6	2.66
2016.0133	CRESTED WHEATGRASS	HYCREST	C	CO	97.36	2.38	0.00	0.26	NF	NF	94	91.52	03/20/17	3.28	3	13.31
2016.0522	WESTERN WHEATGRASS	ARRIBA	C	CO	97.89	2.11	0.00	0.00	NF	NF	94	92.02	03/31/17	6.96	6.4	28.39
2016.0854	BLUE GRAMA	HACHITA	C	CO	79.20	20.48	0.28	0.04	NF	NF	86	68.11	01/13/17	1.76	1.2	5.82
2017.0036	PUBESCENT WHEATGRASS	GREENLEAF	C	CAN	96.16	3.84	0.00	0.00	NF	NF	98	94.24	03/31/17	4.46	4.2	17.87
2017.0154	INDIAN RICEGRASS	PALOMA	C	CO	99.64	0.36	0.00	0.00	NF	NF	99	98.64	05/03/17	2.23	2.2	9.27
2017.0513	GALLETA	VIVA	C	TX	64.71	35.27	0.02	0.00	NF	NF	99	64.06	04/24/17	2.5	1.6	6.74
Pure: 92.84% Inert: 7.06% Crop: 0.03% Weed: 0.07% Total: 100.00%													Grand Total		23.98	21.20

REMARK: 23.981 BULK #S (21.2 PLS #S) TO SEED 2 ACRES

Noxious Weeds (seeds/lb):

NOTICE TO BUYER - EXCLUSION OF WARRANTY AND LIMITATION: We warrant that the seed sold has been labeled as required in the State and Federal Seed Laws, and that it conforms to the label description, within tolerances recognized by law. NO OTHER WARRANTY IS MADE, expressed or implied, INCLUDING without limitation, THE MERCHANTABILITY, THE PERFORMANCE OF THE CROP AS TO YIELD OR QUALITY, OR THE FITNESS FOR PARTICULAR PURPOSES. It is expressly agreed that the liability to the buyer or others from any type of loss shall be limited solely to the amount of the purchase price of the seed. Seed not accepted on the above terms and conditions may be returned to the place of purchase in the unopened containers within 10 days. Under the "Colorado Seed Act" arbitration is required as a prerequisite to certain legal actions, counterclaims, or defenses against a seller of seed. Information about this requirement may be obtained from the Colorado Commissioner of Agriculture.