

Submit 1 Copy To Appropriate District Office

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

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

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

WELL API NO. 30-005-01975 30-015-01975
5. Indicate Type of Lease STATE XX FEE
6. State Oil & Gas Lease No. 0647
7. Lease Name or Unit Agreement Name Lackawana State
8. Well Number 003
9. OGRID Number 245872
10. Pool name or Wildcat Artesia (Q, GB, SA)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3584' GL

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 X Gas Well Other	
2. Name of Operator Judah Oil, LLC	
3. Address of Operator P.O. Box 568 Artesia, NM 88210	
4. Well Location Unit Letter G : 1559 feet from the North line and 1542 feet from the East line Section 21 Township 18S Range 28E NMPM Eddy County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3584' GL	

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 XX
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: <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.

RECEIVED

SEE ATTACHED

FEB 05 2019

ENTERED
Feb 26 2019

DISTRICT II-ARTESIA O.C.D.

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

SIGNATURE [Signature] TITLE Member / Manager DATE 1-17-2019
Type or print name James Blampsonella E-mail address: jbc@judahoil.com PHONE: 525-248-4730
For State Use Only

APPROVED BY: [Signature] TITLE Staff Mgr DATE 2/6/19
Conditions of Approval (if any):

Plugging Report
Judah Oil, LLC
Lackawana State #3

2/3/2017 Cleared location for equipment and dug out wellhead. Could not find 10" surface casing. Reported to Artesia OCD. Exposed 8 ½ had several holes in it, but was relatively stable. RIH to 1032' and established circulation with 25 bbls brine. Spotted 35 sx Class C with CaCl at 1032' and POOH. This was done instead of setting a CIBP due to poor wellbore condition as per Robert Byrd of Artesia OCD. Shut down for the weekend.

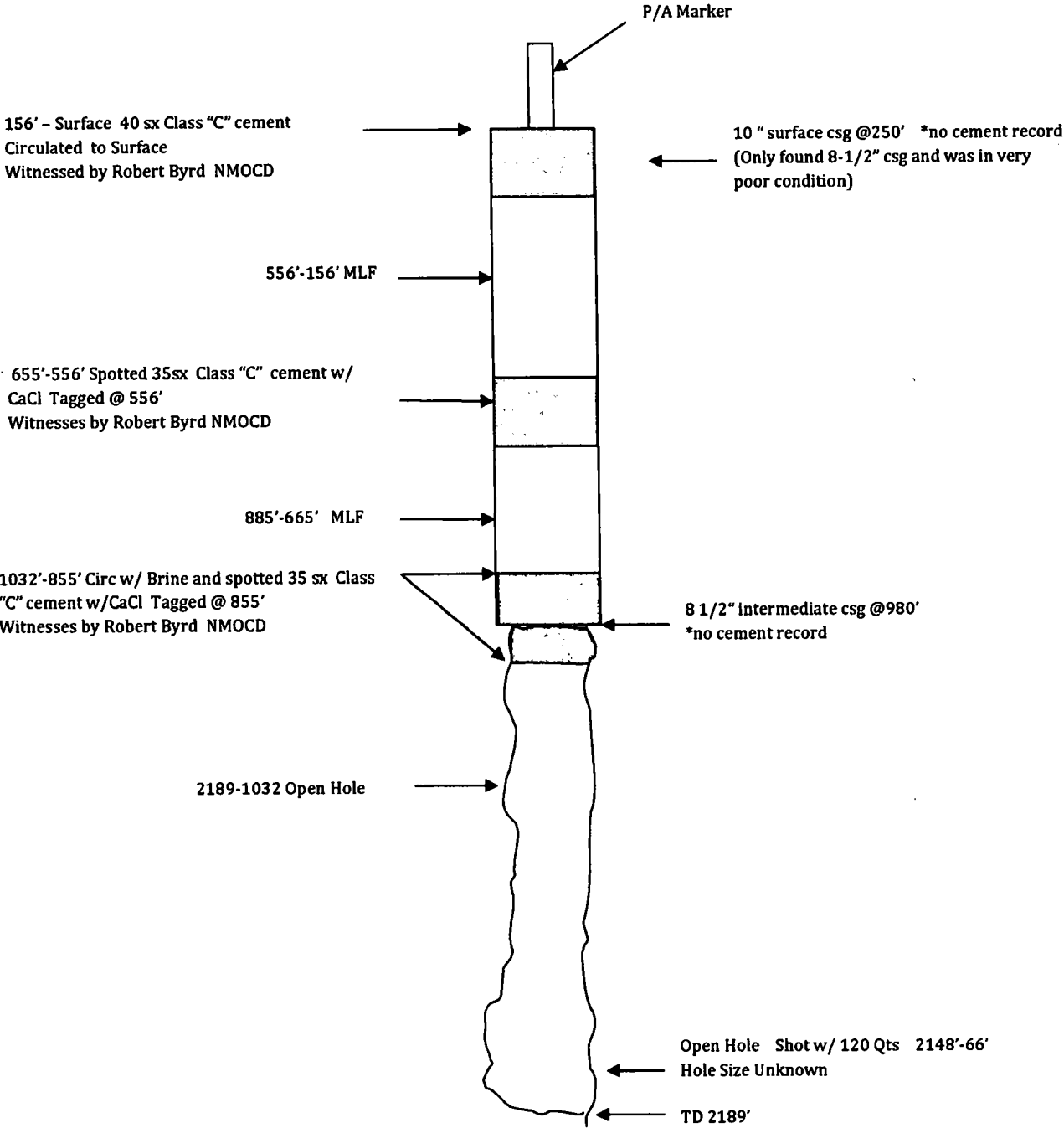
2/6/2017 RIH and tagged cement at 855'. Circulated MLF. POOH to 665' and spotted 35 sx Class C cement with CaCl. WOC and tagged cement at 556'. POOH to 156' and circulated cement to surface with 40 sx as per Robert Byrd of Artesia OCD. Rigged down. Dug out wellhead and cut off. Cement was to surface. Installed marker and cut off anchors.

Procedure was changed due to poor casing and not able to locate any 10".

Bob Byrd was on location during plugging and approved of the final procedure.

Judah Oil, LLC
Lackawanna State #3
UL-G, 1559 FNL, 1542 FEL
Section 21, T-18-S, R-28-E
Eddy County NM
API # 30-015-01975
*Well Completed in 3-3-1926
P/Ad 2-6-2017

After P/A





Hocker & Sons I.L.C
P.O. Box 467
Artesia, NM 88211

(575) 365-3175 Office - (575) 365-3170 Fax

Invoice

Date	Invoice #
10/24/2018	1645

Judah Oil
P.O. Box 368
Artesia, NM 88211

Project	Lackawana St 3
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Representative	Blaze Campanelli
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Date	Item	Quant...	Description	Rate	Amount
10/15/2018	Truck Tractor with 50 Ton 3 Axl	4.5	Loaded and hauled D8T to location	115.50	519.75T
10/15/2018	Pick Up with Operator	2.5	Drive Time- Bruce	70.00	175.00T
10/15/2018	Cat D8T Crawler Tractor	4.5	Cleaned up location	242.00	1,089.00T
ENTERED OCT 28 2018					

Thank you for your business.

Subtotal \$1,783.75

Sales Tax (5.9583%) \$106.28

Total \$1,890.03

Judah Oil, LLC
Project 5E26837 Judah - On Call Environmental Services

Invoice number 5E2683702
Date 09/24/2018

Invoice Supporting Detail

5E26837 Judah - On Call Environmental Services
Lackawana State #3
Lackawana Final P/A Reclamation

Phase Status: Active

Billing Cutoff:

Consultant WIP Status: Billable

Texas A&M Agrilife

SubContract - Analytical Laboratory

Texas A&M Agrilife

Date	Units	Rate	Amount
04/18/2018	1.00	112.20	112.20
Subtotal	1.00		102.00
Consultant total	1.00		102.00



INVOICE

Judah Oil, LLC
Attn: James Campanella
P.O. Box 870
Artesia, NM 88211

Invoice number 5E2683702
Date 09/24/2018

Project 5E26837 Judah - On Call Environmental Services

Professional Services for the Period: 4/9/2018 to 9/20/2018

On Call Environmental Services

Lackawana State #3
Final P/A Reclamation

****PROGRESS BILLING**

Lackawana State #3
Final P/A Reclamation

PROFESSIONAL SERVICES

Engineering/CAD/Survey/Field Tech I
Project Engineer/Scientist/Manager II
Project Assistant I

	Hours	Rate	Billed Amount
	7.25	65.00	471.25
	0.50	125.00	62.50
	1.00	70.00	70.00
PROFESSIONAL SERVICES SUBTOTAL	8.75		603.75

EQUIPMENT/MATERIALS

Mileage/Expenses
MRS 4/11/2018
Vehicle/Day
MRS 4/11/2018

	Units	Rate	Billed Amount
	45.00	0.545	24.53
	0.50	65.00	32.50
EQUIPMENT/MATERIALS SUBTOTAL			57.03

SUBCONTRACTED

SubContract - Analytical Laboratory
Texas A&M Agrilife

	Units	Rate	Billed Amount
	1.00	112.20	112.20
Phase Subtotal			772.98
Lackawana State #3 Subtotal			772.98

RECEIVED OCT 02 2018
ENTERED OCT 02 2018

Invoice Subtotal	\$	772.98
CRL NMGR 7.6458%		59.09
Invoice Total	\$	832.07

Invoice Supporting Detail

5E26837 Judah - On Call Environmental Services

Lackawana State #3

Lackawana Final P/A Reclamation

Phase Status: Active

Billing Cutoff:

Date	Units	Rate	Amount
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Labor

WIP Status: Billable

Engineering/CAD/Survey/Field Tech I

Melodie R. Sanjari

Professional Services	04/09/2018	0.50	65.00	32.50
<i>conversation with client about new site</i>				
Professional Services	04/11/2018	5.00	65.00	325.00
<i>site visit with client packed samples and made Agrilife COC uploaded field notes & tech sheet mapped area; approx surface areas.</i>				
Professional Services	04/13/2018	0.50	65.00	32.50
<i>prepared update for client</i>				
Professional Services	04/28/2018	0.25	65.00	16.25
<i>Responded to Client Email with brief update</i>				
Professional Services	04/30/2018	0.25	65.00	16.25
<i>called soil testing lab for update for client</i>				
Professional Services	05/10/2018	0.50	65.00	32.50
<i>review of soil analysis from Agrilab</i>				
Professional Services	06/04/2018	0.25	65.00	16.25
<i>sent out request for seed recommendations sent soil analysis to client</i>				

Subtotal	7.25	471.25
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Project Engineer/Scientist/Manager II

James A. Weyant

Professional Services	05/10/2018	0.50	125.00	62.50
<i>review project field notes</i>				

Subtotal	0.50	62.50
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Project Assistant I

Judith A. Bevers

Professional Services	04/16/2018	0.50	70.00	35.00
<i>setup new bill group, p drive</i>				
Professional Services	09/24/2018	0.50	70.00	35.00
<i>review project status with Melodie</i>				

Subtotal	1.00	70.00
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Labor total	8.75	603.75
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Expense

WIP Status: Billable

In-house Expense

Mileage/Expenses	09/24/2018	45.00	0.55	24.53
<i>MRS 4/11/2018</i>				

Vehicle/Day	09/24/2018	0.50	65.00	32.50
<i>MRS 4/11/2018</i>				

Subtotal	45.50	57.03
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Expense total	45.50	57.03
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Report generated for:
Melodie Sanjari
SMA
201 S Halaguerio
Carlsbad, NM 88220

Eddy County
Laboratory Number: 508691
Customer Sample ID: L1
Crop Grown: LAWN

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU

College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: <http://soiltesting.tamu.edu>

Sample received on: 4/18/2018
Printed on: 5/9/2018
Area Represented: 10890 sqft

Analysis	Results	CL*	Units	ExLow	YLow	Low	Mod	High	YHigh	Excess
pH	7.6	(6.2)	-	Slightly Alkaline						
Conductivity	2,340	(-)	umhos/cm	V. High					Fertilizer Recommended	
Nitrate-N	13	(-)	ppm**						0.3 lbs N/1000sqft	
Phosphorus	18	(50)	ppm						2 lbs P2O5/1000sqft	
Potassium	181	(175)	ppm						0 lbs K2O/1000sqft	
Calcium	7,151	(180)	ppm						0 lbs Ca/1000sqft	
Magnesium	134	(50)	ppm						0 lbs Mg/1000sqft	
Sulfur	2,736	(13)	ppm						0 lbs S/1000sqft	
Sodium	484	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement									0.00 lbs/1000sqft	

Detailed Salinity Test (Saturated Paste Extract)

pH	7.5
Conductivity	8.17 mmhos/cm
Sodium	1024 ppm
Potassium	64 ppm
Calcium	1262 ppm
Magnesium	53 ppm
SAR	7.67
SSP	39.23

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Conductivity: Salinity levels are becoming elevated, monitor levels or remove salts with 10-15 inches of clean leach water.

Nitrogen: Apply an additional 1 lb N/1000 sqft during late summer (St. Augustine grass), mid-summer and early fall (common bermuda grass and zoysia grass) and every 6-8 weeks for hybrid bermuda grass.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
<http://soiltesting.tamu.edu/webpages/calculator.html>



Report generated for:
Melodie Sanjari
SMA
201 S Halaguerio
Carlsbad, NM 88220

Eddy County
Laboratory Number: 608692
Customer Sample ID: L2
Crop Grown: LAWN

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: <http://soiltesting.tamu.edu>

Sample received on: 4/18/2018
Printed on: 5/9/2018
Area Represented: 10890 sqft

Analysis	Results	CL*	Units	ExtLow	VLow	Low	Mod	High	VHigh	Excess	
pH	7.6	(6.2)	-	Mod. Alkaline							
Conductivity	3,256	(-)	umho/cm	V. High							Fertilizer Recommended
Nitrate-N	39	(-)	ppm**								0 lbs N/1000sqft
Phosphorus	7	(50)	ppm								2.6 lbs P2O5/1000sqft
Potassium	120	(175)	ppm								0.9 lbs K2O/1000sqft
Calcium	20,776	(180)	ppm								0 lbs Ca/1000sqft
Magnesium	320	(50)	ppm								0 lbs Mg/1000sqft
Sulfur	6,994	(13)	ppm								0 lbs S/1000sqft
Sodium	521	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement											0.00 lbs/1000sqft

Detailed Salinity Test (Saturated Paste Extract)		
pH	7.3	
Conductivity	7.85 mmhos/cm	
Sodium	1009 ppm	43.911 meq/L
Potassium	45 ppm	1.159 meq/L
Calcium	941 ppm	48.936 meq/L
Magnesium	191 ppm	15.699 meq/L
SAR	7.85	
SSP	40.77	

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Conductivity: Salinity levels are becoming elevated, monitor levels or remove salts with 10-15 inches of clean leach water.

Nitrogen: Apply an additional 1 lb N/1000 sqft during late summer (St. Augustine grass), mid-summer and early fall (common bermuda grass and zoysia grass) and every 6-8 weeks for hybrid bermuda grass.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
<http://soiltesting.tamu.edu/webpages/calculator.html>



Report generated for:
Melodie Sanjarl
SMA
201 S Halaguerio
Carlsbad, NM 88220

Eddy County
Laboratory Number: 508693
Customer Sample ID: L3
Crop Grown: LAWN

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
979-845-4816 (phone)
979-845-6958 (FAX)
Visit our website: <http://soiltesting.tamu.edu>

Sample received on: 4/18/2018

Printed on: 5/9/2018

Area Represented: 10890 sqft

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess
pH	7.8	(6.2)	-	Slightly Alkaline						
Conductivity	1,786	(-)	umho/cm	High						
Nitrate-N	22	(-)	ppm**							
Phosphorus	16	(50)	ppm							
Potassium	143	(175)	ppm							
Calcium	3,667	(180)	ppm							
Magnesium	152	(50)	ppm							
Sulfur	583	(13)	ppm							
Sodium	400	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement	0.00 lbs/1000sqft									
Detailed Salinity Test (Saturated Paste Extract)										
pH	7.5									
Conductivity	5.83 mmhos/cm									
Sodium	849 ppm 38.952 meq/L									
Potassium	41 ppm 1.036 meq/L									
Calcium	803 ppm 40.048 meq/L									
Magnesium	66 ppm 5.400 meq/L									
SAR	7.76									
SSP	44.29									

Eddy Area, New Mexico

SG—Simona gravelly fine sandy loam, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w5w
Elevation: 2,750 to 5,000 feet
Mean annual precipitation: 8 to 16 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 180 to 230 days
Farmland classification: Not prime farmland

Map Unit Composition

Simona and similar soils: 95 percent
Minor components: 1 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Simona

Setting

Landform: Alluvial fans, plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear, convex
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 19 inches: gravelly fine sandy loam
H2 - 19 to 23 inches: indurated

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Natural drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 15 percent
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 1.0
Available water storage in profile: Very low (about 2.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: D
Ecological site: Shallow Sandy (R042XC002NM)

Hydric soil rating: No

Minor Components

Playa

Percent of map unit: 1 percent

Landform: Playas

Landform position (three-dimensional): Talf

Down-slope shape: Concave, convex

Across-slope shape: Concave, linear

Ecological site: Bottomland (R042XC017NM)

Hydric soil rating: Yes

Simona

Percent of map unit:

Ecological site: Shallow Sandy (R042XC002NM)

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 13, Sep 9, 2017

Eddy Area, New Mexico

CA—Cacique loamy sand, 0 to 3 percent slopes, eroded

Map Unit Setting

National map unit symbol: 1w46
Elevation: 3,000 to 5,500 feet
Mean annual precipitation: 7 to 14 inches
Mean annual air temperature: 57 to 68 degrees F
Frost-free period: 180 to 220 days
Farmland classification: Not prime farmland

Map Unit Composition

Cacique and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Cacique

Setting

Landform: Basin floors, plains
Landform position (three-dimensional): Riser
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Mixed alluvium

Typical profile

H1 - 0 to 5 inches: loamy sand
H2 - 5 to 24 inches: sandy clay loam
H3 - 24 to 60 inches: indurated

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 20 to 40 inches to petrocalcic
Natural drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 1.0
Available water storage in profile: Low (about 3.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: C
Ecological site: Sandy (R042XC004NM)
Hydric soil rating: No

Minor Components

Dune land

Percent of map unit:

Hydric soil rating: No

Berino

Percent of map unit:

Ecological site: Loamy (R042XC007NM)

Hydric soil rating: No

Berino

Percent of map unit:

Ecological site: Loamy (R042XC007NM)

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 13, Sep 9, 2017