District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-144 Revised April 3, 2017

For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office.

For permanent pits submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

Proposed Alternative Method Permit or Closure Plan Application

1 toposed Atternative Method 1 ethilt of Closure 1 lan Application
Type of action: Below grade tank registration Permit of a pit or proposed alternative method Closure of a pit, below-grade tank, or proposed alternative method Modification to an existing permit/or registration Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank,
or proposed alternative method
Instructions: Please submit one application (Form C-144) per individual pit, below-grade tank or alternative request
Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the nvironment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.
Operator: Hilcorp Energy Company OGRID #: 372171
Address: 382 Road 3100 Aztec NM 87410
Facility or well name: TITT 2M
API Number: 30-045-38407 OCD Permit Number_
U/L or Qtr/Qtr K Section 35 Township 31N Range 11W County: San Juan
Center of Proposed Design: Latitude 36.853233 °N Longitude -107.960679 °W NAD83
Surface Owner: Federal State Private Tribal Trust or Indian Allotment
□ Pit: Subsection F, G or J of 19.15.17.11 NMAC Temporary: □ Drilling □ Workover □ Permanent □ Emergency □ Cavitation □ P&A □ Multi-Well Fluid Management Low Chloride Drilling Fluid □ yes □ no □ Lined □ Unlined Liner type: Thickness mil □ LLDPE □ HDPE □ PVC □ Other □ String-Reinforced Liner Seams: □ Welded □ Factory □ Other Volume: bbl Dimensions: L x W x D
3. Below-grade tank: Subsection I of 19.15.17.11 NMAC Volume: Max 120
Tank Construction material: Metal Metal
☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other
Liner type: Thickness45mil
4. Alternative Method:
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.
Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks) Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, institution or church) Four foot height, four strands of barbed wire evenly spaced between one and four feet
☐ Alternate. Please specify 4' hog wire fence with a single strand of barbed wire or a welded railing on top

Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)	
Screen □ Netting □ Other	
☐ Monthly inspections (If netting or screening is not physically feasible)	
7.	
Signs: Subsection C of 19.15.17.11 NMAC	
12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers	
Signed in compliance with 19.15.16.8 NMAC	
 8. Variances and Exceptions: Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Please check a box if one or more of the following is requested, if not leave blank: \[\sum \text{Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.} \] 	
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	
9.	
Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of accept material are provided below. Siting criteria does not apply to drying pads or above-grade tanks.	otable source
General siting	
Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank. - □ NM Office of the State Engineer - iWATERS database search; □ USGS; □ Data obtained from nearby wells	☐ Yes ⊠ No ☐ NA
Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit. NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. (Does not apply to below grade tanks) - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within the area overlying a subsurface mine. (Does not apply to below grade tanks) - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
 Within an unstable area. (Does not apply to below grade tanks) Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map 	☐ Yes ☐ No
Within a 100-year floodplain. (Does not apply to below grade tanks) - FEMA map	☐ Yes ☐ No
Below Grade Tanks	
Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark).	☐ Yes ⊠ No
- Topographic map; Visual inspection (certification) of the proposed site	
 Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption; NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site 	☐ Yes ⊠ No
Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)	
Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.) - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application.	☐ Yes ☐ No
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	
Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No

 Within 100 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site 	☐ Yes ☐ No
Temporary Pit Non-low chloride drilling fluid	
Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application; - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet of a wetland US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Permanent Pit or Multi-Well Fluid Management Pit	
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa	
lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
 Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 	☐ Yes ☐ No
Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application.	
- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 Naturations: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the docattached. Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19. and 19.15.17.13 NMAC Previously Approved Design (attach copy of design) API Number: or Permit Number: or	NMAC 15.17.9 NMAC
11.	
Multi-Well Fluid Management Pit Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the docattached. □ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC □ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC □ A List of wells with approved application for permit to drill associated with the pit. □ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19 and 19.15.17.13 NMAC □ Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC □ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC	
Previously Approved Design (attach copy of design) API Number: or Permit Number:	

Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the distribution is the subsection of the following items must be attached to the application.	documents are
 attached. Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Climatological Factors Assessment 	
☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC ☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC ☐ Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC	
Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC Quality Control/Quality Assurance Construction and Installation Plan Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC	
☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC ☐ Nuisance or Hazardous Odors, including H ₂ S, Prevention Plan ☐ Emergency Response Plan ☐ OHF HAW College	
 □ Oil Field Waste Stream Characterization □ Monitoring and Inspection Plan □ Erosion Control Plan 	
Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC	
Proposed Closure: 19.15.17.13 NMAC Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.	
Type: Drilling Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Multi-well Floral Alternative Proposed Closure Method: Waste Excavation and Removal	luid Management Pit
Waste Removal (Closed-loop systems only) ☐ On-site Closure Method (Only for temporary pits and closed-loop systems) ☐ In-place Burial ☐ On-site Trench Burial ☐ Alternative Closure Method	
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be a closure plan. Please indicate, by a check mark in the box, that the documents are attached. □ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC □ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC □ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings) □ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC □ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC □ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC	
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable sour provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. P. 19.15.17.10 NMAC for guidance.	
Ground water is less than 25 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No
Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	

adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within the area overlying a subsurface mine Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
 Within an unstable area. Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map 	
Within a 100-year floodplain.	Yes No
- FEMA map	☐ Yes ☐ No
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan by a check mark in the box, that the documents are attached. Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17. Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19. Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cann Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC	11 NMAC 15.17.11 NMAC
Operator Application Certification:	
I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and beli	ief.
Name (Print): Tammy Jones Title: Operations/Regulatory Tech – Sr.	
Signature: Tammy Jones Date: 4/23/2025	
e-mail addresstajones@hilcorp.comTelephone:(505)324-5185	
18. OCD Approval: ☐ Permit Application (including closure plan) ☐ Closure Plan (only) ☐ OCD Conditions (see attachment)	
OCD Representative Signature:	2025
Title: Environmental Scientist & Specialist-A OCD Permit Number: BGT1	
Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not section of the form until an approved closure plan has been obtained and the closure activities have been completed. Closure Completion Date:	
20. Closure Method: Waste Excavation and Removal □ On-Site Closure Method □ Alternative Closure Method □ Waste Removal (Closed-lo □ If different from approved plan, please explain.	oop systems only)
21. Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please in mark in the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure for private land only) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (required for on-site closure) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location: Latitude NAD: 1927	dicate, by a check

22.	
Operator Closure Certification:	
	this closure report is true, accurate and complete to the best of my knowledge and obsure requirements and conditions specified in the approved closure plan.
Name (Print):	Title: Operations/Regulatory Technician – Sr.
Signature:	Date:
e-mail address:	Telephone:

TITT 2M (BELOW GRADE TANK)

Hilcorp Energy Company requests a variance for the items listed below. The requested variance, per 19.15.17.15.A, provides equal or better protection of fresh water, public health & the environment.

1. Fencing

• Fencing as described in Section 5 under Alternate, Hilcorp will construct all new fences around the below grade tank utilizing 48" steel mesh field-fence (hog-wire) on the bottom with a single strand of barbed wire or a welded railing on top. T-posts shall be installed every 12 feet and corners shall be anchored utilizing a secondary T-post. Below grade tanks will be fenced, regardless of location.

2. Geo-membrane Liner

- The geo-membrane liner consists of a 45-mil flexible LLDPE material manufactured by Brawler Industries, LLC as SuperScrim H45. SuperScrim H45 is manufactured with LLDPE and is 45 mil inch thickness and is reinforced with polyester scrim. The geomembrane liner has a hydraulic conductivity of less than 5 X 10-14 cm/s and is resistant to ultraviolet light, petroleum hydrocarbons, salts and acidic and alkaline solutions. The manufacturer specific sheet is attached.
- 3. Hilcorp will notify Public Entity Surface Owners by email in lieu of certified mail. Private Entity Surface Owners will still be notified via certified mail.

=



30-045-23048

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS

NORTHWESTERN NEW MEXICO

(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL	Location: Unit NW Sec. 36 Twp 31 Rng 11
Name of Well/Wells or Pipelin	e Serviced BEAVER LODGE COM #2A
	cps 1376w
Elevation 5885 Completion Date Casing, Sizes, Types & Depths	8/1/79 Total Depth 415' Land Type* N/A 100' OF 8" CASING
If Casing is cemented, show a	mounts & types used N/A
If Cement or Bentonite Plugs	have been placed, show depths & amounts used
Depths & thickness of water z	ones with description of water when possible:
Fresh, Clear, Salty, Sulphur,	Etc. WET AT 160' SAMPLE TAKEN
Depths gas encountered:	N/A
Type & amount of coke breeze	used: 44 SACKS
	', 330', 310', <u>2</u> 95', 285', 265', 255', 245', 235'
Depths vent pipes placed:	MICES AND ASSESSMENT
Vent pipe perforations:	N/A UU MAY 3 1 1991
Remarks: gb #1	OIL CON. DIV.

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included.

^{*}Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee. If Federal or Indian, add Lease Number.



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW#### in the POD suffix indicates the POD has been replaced & no longer serves C=the file is

(R=POD has been replaced, O=orphaned,

(quarters are smallest to

a water right file.)	closed)			larges										(In feet))
POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Мар	Well Depth		Water Column
<u>SJ 00350</u>		SJAR	SJ	NE	SW	NW	03	30N	11W	233921.0	4081700.0 *	•	46	12	34
<u>SJ 00366</u>		SJAR	SJ	SE	SE	SE	03	30N	11W	235078.0	4080657.0 *	•	33	18	15
<u>SJ 00402</u>		SJAR	SJ			SW	03	30N	11W	233993.0	4081008.0 *	•	32	18	14
<u>SJ 00698</u>		SJAR	SJ	SW	SW	NE	03	30N	11W	234515.0	4081471.0 *	•	44	14	30
SJ 00762		SJAR	SJ		NE	SW	03	30N	11W	234203.0	4081188.0 *	•	47	22	25
<u>SJ 00975</u>		SJAR	SJ		SW	NW	02	30N	11W	235407.0	4081542.0 *	•	60	20	40
<u>SJ 01020</u>		SJAR	SJ		SW	SW	03	30N	11W	233792.0	4080807.0 *	•	27	5	22
<u>SJ 01043</u>		SJAR	SJ	SE	NW	SE	03	30N	11W	234698.0	4081072.0 *	•	50		
<u>SJ 01202</u>		SJAR	SJ	NE	NW	NE	03	30N	11W	234731.0	4082068.0 *	•	35	8	27
<u>SJ 01217</u>		SJAR	SJ		SW	NW	02	30N	11W	235407.0	4081542.0 *	•	60	30	30
SJ 01238		SJAR	SJ		NW	SE	03	30N	11W	234599.0	4081173.0 *	•	95	38	57
SJ 01249		SJAR	SJ		NE	SE	03	30N	11W	234995.0	4081158.0 *	•	52	22	30
<u>SJ 01261</u>		SJAR	SJ	SE	SW	NE	03	30N	11W	234715.0	4081471.0 *	•		20	
<u>SJ 01313</u>		SJAR	SJ			NE	03	30N	11W	234817.0	4081773.0 *	•	70	58	12
<u>SJ 01339</u>		SJAR	SJ	NW	SW	NW	03	30N	11W	233721.0	4081700.0 *	•	40	15	25
SJ 01387		SJAR	SJ		SE	NW	03	30N	11W	234219.0	4081586.0 *	•	40	18	22
<u>SJ 01437</u>		SJAR	SJ			NW	03	30N	11W	234023.0	4081802.0 *	•	40	28	12
<u>SJ 01440</u>		SJAR	SJ	SW	NE	SW	03	30N	11W	234102.0	4081087.0 *	•	41	21	20
<u>SJ 01441</u>		SJAR	SJ	NE	SW	NW	03	30N	11W	233921.0	4081700.0 *	•	48	20	28
<u>SJ 01734</u>		SJAR	SJ		NE	SW	03	30N	11W	234203.0	4081188.0 *	•	33	5	28
<u>SJ 01805</u>		SJAR	SJ			NE	03	30N	11W	234817.0	4081773.0 *	•	35	20	15
<u>SJ 01807</u>		SJAR	SJ		NW	NE	03	30N	11W	234632.0	4081969.0 *	•	50	30	20
<u>SJ 01901</u>		SJAR	SJ	NE	SW	NE	03	30N	11W	234715.0	4081671.0 *	•	60	26	34
<u>SJ 02049</u>		SJAR	SJ		SW	NW	03	30N	11W	233822.0	4081601.0 *	•	26	8	18
<u>SJ 02245</u>		SJAR	SJ	SW	NW	SE	03	30N	11W	234498.0	4081072.0 *	•	66	30	36
<u>SJ 02563</u>		SJAR	SJ	NW	NE	SE	03	30N	11W	234894.0	4081257.0 *	•	96	60	36
<u>SJ 02765</u>		SJAR	SJ		SW	NW	02	30N	11W	235407.0	4081542.0 *	•	54	20	34
<u>SJ 02781</u>		SJAR	SJ	NE	NW	NE	03	30N	11W	234731.0	4082068.0 *	•	48	23	25
<u>SJ 02785</u>		SJAR	SJ	NE	SE	NW	03	30N	11W	234318.0	4081685.0 *	•	31	5	26
<u>SJ 02786</u>		SJAR	SJ	NW	SW	NE	03	30N	11W	234515.0	4081671.0 *	•	51	24	27
<u>SJ 02798</u>		SJAR	SJ	SE	SE	NE	03	30N	11W	235110.0	4081456.0 *	•	80	61	19
<u>SJ 02814</u>		SJAR	SJ	NE	SW	NW	03	30N	11W	233921.0	4081700.0 *	•	31	8	23
<u>SJ 02824</u>		SJAR	SJ	NW	NE	SE	03	30N	11W	234894.0	4081257.0 *	•	70	50	20
<u>SJ 02835</u>		SJAR	SJ	NE	SW	NW	03	30N	11W	233921.0	4081700.0 *	•	26	8	18
<u>SJ 02837</u>		SJAR	SJ	NW	SE	SW	02	30N	11W	235682.0	4080823.0 *	•	150		
<u>SJ 02930</u>		SJAR	SJ	SE	SE	NE	03	30N	11W	235110.0	4081456.0 *	•	81	64	17
SJ 03121		SJAR	SJ	SE	NE	NW	03	30N	11W	234334.0	4081883.0 *	•	36	12	24

April 23, 2025 11:33 AM MST

Page 1 of 2

Water Column/Average Depth to

Water

closed)

the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is

(quarters are smallest to largest)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Мар	Well Depth		Water Column
<u>SJ 03153</u>		SJAR	SJ	NW	NE	SE	03	30N	11W	234894.0	4081257.0 *	•	80	60	20
<u>SJ 03239</u>		SJAR	SJ	SW	SW	SW	03	30N	11W	233691.0	4080706.0 *	•	33	12	21
<u>SJ 03242</u>		SJAR	SJ	NW	SW	SW	03	30N	11W	233691.0	4080906.0 *	•	23	9	14
<u>SJ 03291</u>		SJAR	SJ	NE	SW	SE	03	30N	11W	234682.0	4080873.0 *	•	38	18	20
<u>SJ 03454</u>		SJAR	SJ	SE	NE	SE	03	30N	11W	235094.0	4081057.0 *	•	100		
SJ 03698 POD1		SJAR	SJ	NW	SE	NW	03	30N	11W	234118.0	4081685.0 *	•	40	5	35
SJ 03732 POD1		SJAR	SJ	NW	SW	SW	03	30N	11W	233691.0	4080906.0 *	•	38	9	29
SJ 03756 POD1		SJAR	SJ	NE	NW	NE	03	30N	11W	234780.3	4082093.7	•	41	20	21
<u>SJ 03758 POD1</u>		SJAR	SJ	NE	NW	NE	03	30N	11W	234714.8	4081974.5	•	49	21	28
SJ 03765 POD1		SJAR	SJ	NE	NW	NE	03	30N	11W	234729.4	4082014.4	•	43	20	23
SJ 03966 POD1		SJAR	SJ	NE	SW	SW	03	30N	11W	233803.4	4080851.3	•	25	17	8
SJ 04190 POD1		SJAR	SJ		NE	SE	03	30N	11W	235092.1	4081138.2	•	50		
<u>SJ 04190 POD2</u>		SJAR	SJ		NE	SE	03	30N	11W	235101.9	4081054.6	•	140	100	40
SJ 04227 POD1		SJAR	SJ	SE	NE	SE	03	30N	11W	235057.3	4081002.0	•	89		
<u>SJ 04263 POD1</u>		SJAR	SJ	SE	SE	NW	03	30N	11W	234294.8	4081464.6	•	31		

Average Depth to Water: 24 feet

Minimum Depth: 5 feet

 $\label{eq:maximum Depth: 100 feet} \mbox{Maximum Depth: } 100 \mbox{ feet}$

Record Count: 52

Basin/County Search:

County: SJ

PLSS Search: Range: 11W Township: 30N Section: 1,2,3

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

^{*} UTM location was derived from PLSS - see Help



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW#### in the POD suffix indicates the POD has been replaced & no longer serves C=the file is

(R=POD has been replaced, O=orphaned,

(quarters are smallest to

a water right file.)	closed)			larges										(In feet)
POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Мар	Well Depth	_	Water Column
<u>SJ 00185</u>		SJAR	SJ	NW	SW	NE	35	31N	11W	236266.0	4083111.0	•	54		
<u>SJ 00333</u>		SJAR	SJ	SE	SW	NW	35	31N	11W	235559.0	4083040.0 *	•	30	6	24
<u>SJ 00363</u>		SJAR	SJ	SE	NW	SW	26	31N	11W	235582.0	4084235.0	•	25	5	20
SJ 00371		SJAR	SJ	NE	NW	SW	26	31N	11W	235582.0	4084435.0 *	•	29	9	20
<u>SJ 00494</u>		SJAR	SJ		SE	SE	26	31N	11W	236686.0	4083894.0 *	•	88	60	28
<u>SJ 00561</u>		SJAR	SJ		SW	SE	26	31N	11W	236281.0	4083910.0 *	•	38	20	18
<u>SJ 00562</u>		SJAR	SJ		SW	SE	26	31N	11W	236281.0	4083910.0 *	•	40	20	20
<u>SJ 00591</u>		SJAR	SJ	SE	NW	SW	35	31N	11W	235554.0	4082642.0 *	•	83	54	29
<u>SJ 00610</u>		SJAR	SJ		NE	SE	26	31N	11W	236699.0	4084294.0 *	•	80	50	30
<u>SJ 00631</u>		SJAR	SJ			NE	34	31N	11W	234857.0	4083377.0 *	•	30	11	19
<u>SJ 00632</u>		SJAR	SJ			NE	34	31N	11W	234857.0	4083377.0 *	•	25	7	18
<u>SJ 00656</u>		SJAR	SJ			NE	34	31N	11W	234857.0	4083377.0 *	•	30	8	22
<u>SJ 00659</u>		SJAR	SJ		SW	NE	34	31N	11W	234656.0	4083176.0 *	•	33	11	22
<u>SJ 00660</u>		SJAR	SJ	NW	NW	NE	34	31N	11W	234558.0	4083671.0 *	•	50	30	20
<u>SJ 00661</u>		SJAR	SJ	NW	SW	NE	34	31N	11W	234555.0	4083275.0 *	•	52	32	20
<u>SJ 00675</u>		SJAR	SJ	SW	SE	NW	26	31N	11W	235800.0	4084621.0 *	•	36	22	14
<u>SJ 00705</u>		SJAR	SJ	NW	NW	SW	26	31N	11W	235382.0	4084435.0 *	•	18	8	10
<u>SJ 00713</u>		SJAR	SJ		NE	SE	35	31N	11W	236659.0	4082698.0 *	•	37	19	18
<u>SJ 00926</u>		SJAR	SJ		NW	SE	26	31N	11W	236294.0	4084309.0 *	•	62	32	30
<u>SJ 00939</u>		SJAR	SJ			SW	35	31N	11W	235651.0	4082546.0 *	•	60	30	30
<u>SJ 00939 1</u>		SJAR	SJ		NE	SW	35	31N	11W	235856.0	4082728.0 *	•	60	30	30
<u>SJ 00940</u>		SJAR	SJ		NW	SW	35	31N	11W	235455.0	4082743.0 *	•	64	15	49
<u>SJ 00983</u>		SJAR	SJ			SW	35	31N	11W	235651.0	4082546.0 *	•	110	70	40
<u>SJ 00985</u>		SJAR	SJ		SE	SE	34	31N	11W	235049.0	4082356.0 *	•	40	16	24
<u>SJ 01042</u>		SJAR	SJ		SE	SE	26	31N	11W	236686.0	4083894.0 *	•	100	30	70
<u>SJ 01125</u>		SJAR	SJ	NE	SE	NW	34	31N	11W	234355.0	4083292.0 *	•	59	42	17
<u>SJ 01144</u>		SJAR	SJ	SE	SE	NW	35	31N	11W	235962.0	4083025.0 *	•	55	30	25
<u>SJ 01233</u>		SJAR	SJ		SE	NW	26	31N	11W	235901.0	4084722.0 *	•	49	27	22
<u>SJ 01251</u>		SJAR	SJ		SE	NW	34	31N	11W	234256.0	4083193.0 *	•	79	65	14
<u>SJ 01267</u>		SJAR	SJ		NW	NE	34	31N	11W	234659.0	4083572.0	•	65	45	20
<u>SJ 01319</u>		SJAR	SJ	NE	NE	NE	35	31N	11W	236776.0	4083594.0 *	•		155	
<u>SJ 01519</u>		SJAR	SJ		NE	SE	26	31N	11W	236699.0	4084294.0 *	•	69	47	22
<u>SJ 01533</u>		SJAR	SJ		SE	NW	34	31N	11W	234256.0	4083193.0 *	•	58	40	18
<u>SJ 01545 X</u>		SJAR	SJ		SW	SW	26	31N	11W	235471.0	4083938.0 *	•	27	10	17
<u>SJ 01580</u>		SJAR	SJ	NW	NW	SW	35	31N	11W	235354.0	4082842.0 *	•	65	30	35
<u>SJ 01608</u>		SJAR	SJ			SE	34	31N	11W	234849.0	4082569.0 *	•	48	17	31
SJ 01618		SJAR	SJ		NW	NE	34	31N	11W	234659.0	4083572.0 *	•	28	8	20

April 23, 2025 10:45 AM MST

Page 1 of 4

Water Column/Average Depth to

Water

indicates the POD has been replaced, replaced O=orphaned, & no longer serves C=the file is

(quarters are smallest to

a water right file.)	closed)			largest)									(In feet)				
POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Мар	Well Depth	Depth Water	Water Column		
SJ 01620		SJAR	SJ		NE	SE	26	31N	11W	236699.0	4084294.0 *	•	67	26	41		
<u>SJ 01628</u>		SJAR	SJ		NE	SE	26	31N	11W	236699.0	4084294.0 *	•	66	25	41		
<u>SJ 01656</u>		SJAR	SJ			NE	34	31N	11W	234857.0	4083377.0 *	•	20	6	14		
<u>SJ 01657</u>		SJAR	SJ			NE	34	31N	11W	234857.0	4083377.0 *	•	20	6	14		
<u>SJ 01675</u>		SJAR	SJ			NE	34	31N	11W	234857.0	4083377.0 *	•	33	7	26		
<u>SJ 01721</u>		SJAR	SJ		NE	NE	34	31N	11W	235062.0	4083556.0 *	•	22	10	12		
<u>SJ 01768</u>		SJAR	SJ		NE	NE	34	31N	11W	235062.0	4083556.0 *	•	20	6	14		
<u>SJ 01789</u>		SJAR	SJ		NW	SW	26	31N	11W	235483.0	4084336.0 *	•	29	12	17		
<u>SJ 01840</u>		SJAR	SJ	NW	NW	NE	34	31N	11W	234558.0	4083671.0 *	•	65	25	40		
<u>SJ 02011</u>		SJAR	SJ		NE	SE	26	31N	11W	236699.0	4084294.0 *	•	55	38	17		
<u>SJ 02113</u>		SJAR	SJ		SW	NE	34	31N	11W	234656.0	4083176.0 *	•	12	4	8		
<u>SJ 02119</u>		SJAR	SJ		SW	NE	34	31N	11W	234656.0	4083176.0 *	•	11	3	8		
SJ 02167		SJAR	SJ		SE	NW	34	31N	11W	234256.0	4083193.0 *	•	83	69	14		
SJ 02215		SJAR	SJ		SW	SE	27	31N	11W	234663.0	4083969.0 *	•	54	23	31		
<u>SJ 02277</u>		SJAR	SJ		NE	NW	34	31N	11W	234260.0	4083594.0 *	•	16	7	9		
SJ 02332 POD2		SJAR	SJ	NW	NE	NW	26	31N	11W	235787.7	4085311.7	•	42	30	12		
<u>SJ 02468</u>		SJAR	SJ	SW	NE	SE	27	31N	11W	234978.0	4084254.0 *	•	49	30	19		
<u>SJ 02482</u>		SJAR	SJ	NE	NW	SE	27	31N	11W	234775.0	4084473.0 *	•	75	55	20		
<u>SJ 02499</u>		SJAR	SJ	NW	NW	NE	25	31N	11W	237853.0	4085152.0 *	•	66	45	21		
<u>SJ 02549</u>		SJAR	SJ	SW	SW	SE	27	31N	11W	234562.0	4083868.0 *	•	49	30	19		
<u>SJ 02656</u>		SJAR	SJ	SE	NE	SE	27	31N	11W	235178.0	4084254.0 *	•	21	9	12		
<u>SJ 02676</u>		SJAR	SJ		SW	SE	27	31N	11W	234663.0	4083969.0 *	•	19	7	12		
<u>SJ 02827</u>		SJAR	SJ	NE	NW	NW	35	31N	11W	235565.0	4083639.0 *	•	60				
<u>SJ 02834</u>		SJAR	SJ	SW	SW	SW	25	31N	11W	236989.0	4083776.0 *	•	200	160	40		
<u>SJ 02852</u>		SJAR	SJ	SW	NE	SW	34	31N	11W	234152.0	4082687.0 *	•	23	7	16		
<u>SJ 02853</u>		SJAR	SJ	SE	SW	SE	27	31N	11W	234762.0	4083868.0 *	•	22	6	16		
<u>SJ 02856</u>		SJAR	SJ	SW	NE	SW	34	31N	11W	234152.0	4082687.0 *	•	24	6	18		
<u>SJ 02857</u>		SJAR	SJ	NW	SE	SW	34	31N	11W	234149.0	4082482.0 *	•	23	6	17		
<u>SJ 02859</u>		SJAR	SJ	SE	NW	SW	34	31N	11W	233954.0	4082703.0 *	•	22	6	16		
<u>SJ 02861</u>		SJAR	SJ	NW	SW	SW	34	31N	11W	233751.0	4082497.0 *	•	21	7	14		
<u>SJ 02871</u>		SJAR	SJ	SE	NE	SE	27	31N	11W	235178.0	4084254.0 *	•	22	11	11		
<u>SJ 02887</u>		SJAR	SJ	SE	SE	NW	26	31N	11W	236000.0	4084621.0 *	•	51	28	23		
<u>SJ 02897</u>		SJAR	SJ	NW	SW	NW	35	31N	11W	235359.0	4083240.0 *	•	17	6	11		
<u>SJ 02898</u>		SJAR	SJ	SE	NW	NE	26	31N	11W	236420.0	4085007.0 *	•	50				
<u>SJ 02902</u>		SJAR	SJ	SW	NW	NW	35	31N	11W	235365.0	4083439.0 *	•	19	5	14		
<u>SJ 02914</u>		SJAR	SJ	SW	NE	SE	27	31N	11W	234978.0	4084254.0 *	•	25	15	10		
<u>SJ 02932</u>		SJAR	SJ	NE	NW	SW	35	31N	11W	235554.0	4082842.0 *	•	27	14	13		
<u>SJ 02933</u>		SJAR	SJ	NE	NW	SW	35	31N	11W	235554.0	4082842.0 *	•	37	24	13		
<u>SJ 02966</u>		SJAR	SJ	SW	SW	SE	34	31N	11W	234547.0	4082267.0 *	•	48	20	28		
SJ 02967		SJAR	SJ	SW	NE	SW	34	31N	11W	234152.0	4082687.0 *	•	20	5	15		

indicates the POD has been replaced, O=orphaned, & no longer serves a water right file.) closed)

(quarters are smallest to

(In feet)

a water right file.)	closed)			largest)											
POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Мар	Well Depth		Water Column
<u>SJ 02972</u>		SJAR	SJ	SE	SW	NE	34	31N	11W	234755.0	4083075.0 *	•	15	5	10
<u>SJ 02984</u>		SJAR	SJ	NW	SE	SE	27	31N	11W	234966.0	4084052.0 *	•	20		
<u>SJ 03002</u>		SJAR	SJ	SE	NE	SW	34	31N	11W	234352.0	4082687.0 *	•	22		
<u>SJ 03014</u>		SJAR	SJ	SE	NE	SW	34	31N	11W	234352.0	4082687.0 *	•	30	5	25
<u>SJ 03016</u>		SJAR	SJ	NW	SW	SE	34	31N	11W	234547.0	4082467.0 *	•	35		
<u>SJ 03025</u>		SJAR	SJ	SW	NE	SW	34	31N	11W	234152.0	4082687.0 *	•	22	5	17
<u>SJ 03042</u>		SJAR	SJ	NE	SW	SW	34	31N	11W	233951.0	4082497.0 *	•	23	6	17
<u>SJ 03045</u>		SJAR	SJ	SE	SE	NW	25	31N	11W	237627.0	4084566.0 *	•	200		
<u>SJ 03047</u>		SJAR	SJ	SE	NE	NE	34	31N	11W	235161.0	4083455.0 *	•	19	6	13
<u>SJ 03048</u>		SJAR	SJ	SE	SW	SW	34	31N	11W	233951.0	4082297.0 *	•	21	4	17
<u>SJ 03065</u>		SJAR	SJ	SW	NE	SW	34	31N	11W	234152.0	4082687.0 *	•	22	7	15
<u>SJ 03106</u>		SJAR	SJ	NW	SE	NE	34	31N	11W	234957.0	4083258.0 *	•	25		
<u>SJ 03107</u>		SJAR	SJ	NW	SE	NE	34	31N	11W	234957.0	4083258.0 *	•	18	8	10
<u>SJ 03126</u>		SJAR	SJ	NW	NW	NW	26	31N	11W	235405.0	4085232.0 *	•	41	21	20
<u>SJ 03158</u>		SJAR	SJ	NE	SE	NW	26	31N	11W	236000.0	4084821.0 *	•	280	25	255
<u>SJ 03165</u>		SJAR	SJ	SE	SE	NE	35	31N	11W	236767.0	4082996.0 *	•	20		
<u>SJ 03166</u>		SJAR	SJ	SE	SE	NE	35	31N	11W	236767.0	4082996.0 *	•	20		
<u>SJ 03172</u>		SJAR	SJ	NE	NE	NE	34	31N	11W	235161.0	4083655.0 *	•	19	7	12
<u>SJ 03181</u>		SJAR	SJ	NW	SE	SE	27	31N	11W	234966.0	4084052.0 *	•	19	10	9
<u>SJ 03183</u>		SJAR	SJ	SE	SE	NE	34	31N	11W	235157.0	4083058.0 *	•	19	6	13
<u>SJ 03198</u>		SJAR	SJ	NW	SW	SW	25	31N	11W	236989.0	4083976.0 *	•	600	100	500
<u>SJ 03211</u>		SJAR	SJ	NW	SE	NW	34	31N	11W	234155.0	4083292.0 *	•	24	14	10
<u>SJ 03220</u>		SJAR	SJ	NW	SW	SW	34	31N	11W	233751.0	4082497.0 *	•	20	6	14
<u>SJ 03247</u>		SJAR	SJ	NW	SW	SE	27	31N	11W	234562.0	4084068.0 *	•	70		
<u>SJ 03260</u>		SJAR	SJ	SE	SE	SW	34	31N	11W	234349.0	4082282.0 *	•	41	3	38
<u>SJ 03316</u>		SJAR	SJ	NW	NW	NE	34	31N	11W	234558.0	4083671.0 *	•	30	10	20
<u>SJ 03323</u>		SJAR	SJ	SE	NW	SW	26	31N	11W	235582.0	4084235.0 *	•	30	6	24
<u>SJ 03357</u>		SJAR	SJ	NE	SE	SW	34	31N	11W	234349.0	4082482.0 *	•	22	6	16
<u>SJ 03371</u>		SJAR	SJ	SW	NW	NW	35	31N	11W	235365.0	4083439.0 *	•	21	5	16
<u>SJ 03377</u>		SJAR	SJ	SE	NE	SE	34	31N	11W	235152.0	4082656.0 *	•	20	2	18
<u>SJ 03402</u>		SJAR	SJ	SE	NW	SE	34	31N	11W	234751.0	4082671.0 *	•	25		
<u>SJ 03448</u>		SJAR	SJ		NW	NE	34	31N	11W	234659.0	4083572.0 *	•	41	21	20
<u>SJ 03450</u>		SJAR	SJ	SW	SW	SW	25	31N	11W	236989.0	4083776.0 *	•	144	95	49
<u>SJ 03492</u>		SJAR	SJ	NE	SE	SW	34	31N	11W	234349.0	4082482.0 *	•	30		
<u>SJ 03493</u>		SJAR	SJ	NE	SE	SW	34	31N	11W	234349.0	4082482.0 *	•	25	15	10
<u>SJ 03497</u>		SJAR	SJ	SE	NW	SE	34	31N	11W	234751.0	4082671.0 *	•	30	10	20
<u>SJ 03505</u>		SJAR	SJ	SW	SW	SE	27	31N	11W	234562.0	4083868.0 *	•	50	14	36
<u>SJ 03540</u>		SJAR	SJ	NW	NE	SE	27	31N	11W	234978.0	4084454.0 *	•	40	21	19
<u>SJ 03543</u>		SJAR	SJ	SE	SE	NW	35	31N	11W	235962.0	4083025.0 *	•	61	30	31
<u>SJ 03560</u>		SJAR	SJ	NE	SW	NE	35	31N	11W	236365.0	4083210.0 *	•	62	32	30

the POD suffix indicates the POD has been replaced & no longer serves C=the file is a water right file.) closed)

(R=POD has replaced, O=orphaned,

(quarters are smallest to largest)

(In feet)

a water right me.)	Glosed)			iurgos	٠,									(111 1000)	'
POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Мар	Well Depth		Water Column
<u>SJ 03574</u>		SJAR	SJ	SE	NW	SW	35	31N	11W	235554.0	4082642.0 *	•	100		
<u>SJ 03600</u>		SJAR	SJ	NW	NE	SE	27	31N	11W	234978.0	4084454.0 *	•	51	39	12
<u>SJ 03609</u>		SJAR	SJ	SE	SE	SW	34	31N	11W	234349.0	4082282.0 *	•	27	6	21
<u>SJ 03631</u>		SJAR	SJ	NE	SE	SW	34	31N	11W	234349.0	4082482.0 *	•	27	6	21
<u>SJ 03676</u>		SJAR	SJ	NW	SW	NE	35	31N	11W	236165.0	4083210.0 *	•	52	19	33
<u>SJ 03697 POD1</u>		SJAR	SJ	SW	NE	SE	26	31N	11W	236598.0	4084193.0 *	•	80	50	30
<u>SJ 03710 POD1</u>		SJAR	SJ	NE	SW	SW	34	31N	11W	233951.0	4082497.0 *	•	20	4	16
<u>SJ 03720 POD1</u>		SJAR	SJ	SW	NW	SE	34	31N	11W	234551.0	4082671.0 *	•	21	6	15
<u>SJ 03739 POD1</u>		SJAR	SJ	NW	SW	SE	34	31N	11W	234547.0	4082467.0 *	•	25	3	22
<u>SJ 03760 POD1</u>		SJAR	SJ	NW	SE	NW	35	31N	11W	235679.3	4082952.4	•	43	12	31
<u>SJ 03772 POD1</u>		SJAR	SJ	NW	NE	SE	27	31N	11W	235035.4	4084480.3	•	41	30	11
SJ 03780 POD1		SJAR	SJ	NE	NW	SW	34	31N	11W	234021.4	4082870.2	•	28	12	16
<u>SJ 03822 POD1</u>		SJAR	SJ	NW	SW	NE	25	31N	11W	237781.4	4084810.3	•	220	200	20
<u>SJ 03834 POD1</u>		SJAR	SJ	NE	SW	SE	34	31N	11W	234757.7	4082544.1	•	28	4	24
SJ 03994 POD1		SJAR	SJ	SE	SE	NE	27	31N	11W	235212.7	4084695.2	•	27	14	13
<u>SJ 04052 POD1</u>		SJAR	SJ	SE	SE	NE	27	31N	11W	235213.3	4084602.8	•	28	14	14
<u>SJ 04120 POD1</u>		SJAR	SJ	SW	SW	NE	25	31N	11W	237845.7	4084513.0	•	220		
SJ 04139 POD1		SJAR	SJ	SE	NE	SW	34	31N	11W	234356.0	4082663.8	•	19	6	13
<u>SJ 04141 POD1</u>		SJAR	SJ	NE	SW	SW	34	31N	11W	234040.5	4082526.9	•	28	12	16
<u>SJ 04170 POD1</u>		SJAR	SJ	SE	SE	NE	27	31N	11W	235259.4	4084636.8	•	35	15	20
SJ 04305 POD1		SJAR	SJ	NW	SE	SE	27	31N	11W	235050.0	4083983.7	•	40	30	10
SJ 04386 POD1		SJAR	SJ	SW	SW	SE	27	31N	11W	234506.9	4083812.1	•	87	65	22
<u>SJ 04401 POD1</u>		SJAR	SJ		SE	NE	27	31N	11W	235144.2	4084637.2	•	55		
<u>SJ 04402 POD1</u>		SJAR	SJ		SE	NE	27	31N	11W	235111.6	4084599.3	•	55		
<u>SJ 04409 POD1</u>		SJAR	SJ	NW	NW	SW	25	31N	11W	236927.8	4084469.0	•	100	85	15

Average Depth to Water: 24 feet

Minimum Depth: 2 feet

Water

Maximum Depth: 200 feet

Record Count: 142

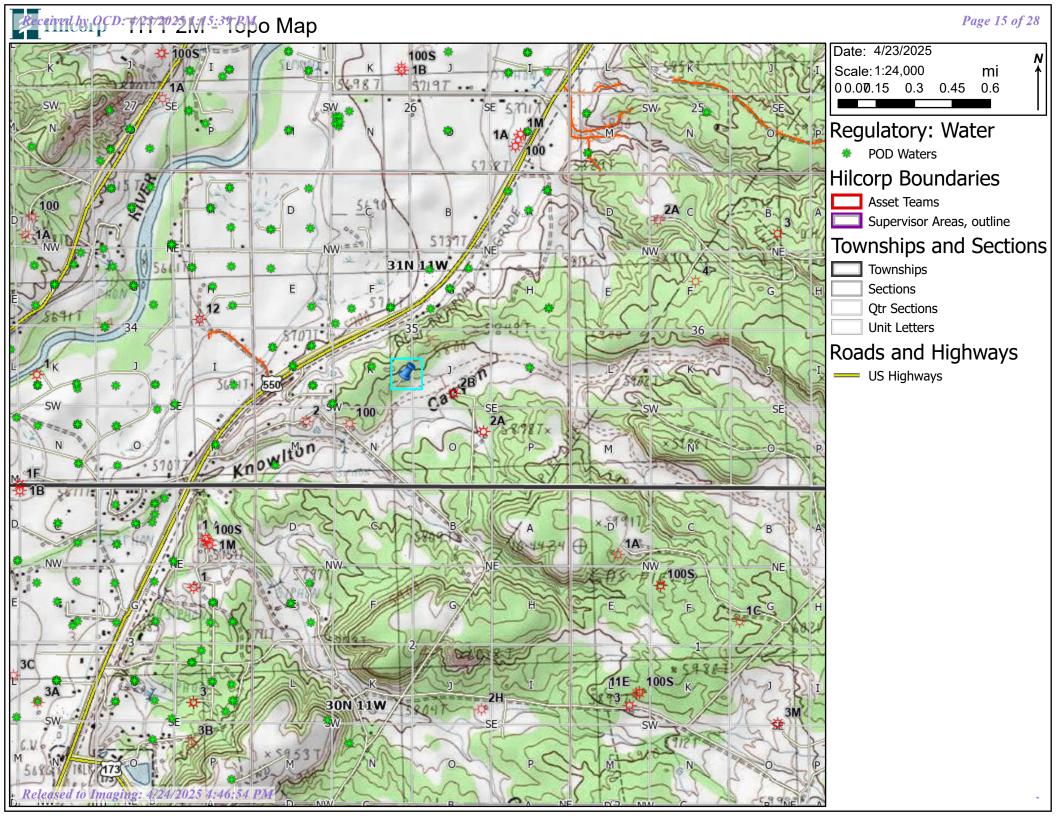
Basin/County Search:

County: SJ

PLSS Search: Range: 11W Township: 31N

Section: 25,26,27,34,35,36

Water Column/Average Depth to



Well Name:	TITT 2M	
vveii ivailie.	1111 ZIVI	

1. <u>Depth to groundwater (should not be less than 25 feet)</u>:

The nearest recorded well with available water-depth information is the Beaver Lodge Com 2A with groundwater @ 160' as indicated in the Cathodic Data Sheet attached. The subject well is 95' higher in elevation making depth to groundwater under the tank at 53'.

2. <u>Distance to watercourse (should not be within 100 feet of a continuously flowing watercourse, other significant watercourse, lakebed, sinkhole, wetland or playa lake [measured from the ordinary high-water mark]):</u>

Aerial map attached indicates that there are no lakebeds, sinkholes, playa lakes, or watercourses within 100 feet of the proposed Below Grade Tank.

3. <u>Distance to springs or wells (should not be within 200 feet of a spring or a fresh water</u> well used for public or livestock consumption):

Aerial map attached indicates that the Below Grade Tank will not be within 200 feet of any recorded well or spring.

Hydrogeological report for Kirtland Shale and Fruitland Formation

Regional Geological context:

The combined Kirtland Shale and Fruitland Formation, of Late Cretaceous age (Baltz, 1967; Fassett and Hinds, 1971), crops out inside the margins of the central San Juan Basin. Topography formed on the unit typically varies from rolling to rough, and badlands are commonly developed. Erosion-resistant sandstones commonly cap isolated buttes and hillocks, whereas softer shale units form slopes and broad valleys or flats. The upper part of Kirtland Shale generally forms steep slopes below mesas or buttes that are capped by the overlying erosion-resistant Ojo Alamo Sandstone.

The Ojo Alamo Sandstone of Tertiary age and the McDermott Member of Animas Formation of Late Cretaceous age unconformably overlie the Kirtland Shale (Baltz, 1967; Fassett and Hinds, 1971; Molenaar, 1977). The Kirtland Shale conformably overlies the Fruitland Formation. The Fruitland Formation conformably overlies the Pictured Cliffs Sandstone, and intertonguing locally occurs at the contact.

In general, the combined Kirtland Shale and Fruitland Formation consists of various thicknesses of interbedded and repetitive sequences of non-marine channel sandstone, siltstone, shale, and claystone. Coal beds and carbonaceous shales are common in the Fruitland Formation. The Kirtland Shale does not contain coal and has been divided into three members, which in descending order are the upper shale member, Farmington Sandstome Member, and lower shale member (Bauer, 1916).

Thickness of the combined Kirtland Shale and Fruitland Formation ranges from zero on the east side of the basin, because of pre-Ojo Alamo Sandstone erosion, to a maximum of about 2,000 feet in the northwestern part of the basin (Fassett and Hinds, 1971, Molenaar, 1977). Thickness of the Kirtland Shale ranges from zero in the east to about 1,500 feet in the northwest; the upper shale member, Farmington Sandstone Member, and lower shale member each are as much as 500 feet thick (Fassett and Hinds, 1971; Molenaar, 1977; Stone et al, 1983). The Fruitland Formation ranges in thickness from zero in the east to about 500 feet in the northwest (Fassett and Hinds, 1971) and averages about 300 to 350 feet thick (Molenaar, 1977).

Hydraulic Properties:

Reported Transmissivity and hydraulic conductivity data for the Kirtland Shale and Fruitland Formation are limited to aquifer tests conducted for five wells. The transmissivity determined from these tests ranges from 0.6 to 130 feet squared per day (Stone et al, 1983). The only hydraulic conductivity calculated from the tests is 0.00001 foot per day.

The reported or measured discharge from 12 water wells completed in the Kirtland Shale and Fruitland Formation ranges from 1 to 12 gallons per minute and the median is 3 gallons per minute. The specific capacity of six of these wells ranges from 0.01 to 0.42 gallon per minute per foot of drawdown and the median is 0.03 gallon per minute per foot of drawdown. These tests are most probably of wells that produce drinking water from the Farmington Sandstone Member of the Kirtland Shale. Recently, there has been

extensive exploration for methane gas resources from coal beds in the Fruitland Formation. The current production practice is to complete the well and pump out water to reduce pressure at the coal bed. Because of the poor-quality water and the identification of over-pressured areas in the center of the San Juan Basin at the Colorado-New Mexico State line, a current question among geologists is whether the water is connate (trapped at the time of deposition) or meteoric (originated from recharge on the outcrop).

Some gas and water production is thought to be from both the coal in the Fruitland Formation and sandstone in the underlying Pictured Cliffs Sandstone. Water quality analyses for these two units also show more similarity with each other than with analyses from the overlying Ojo Alamo Sandstone or underlying Cliff House Sandstone aquifers.

References:

Baltz, E.H., 1967, Stratigraphy and regional tectonic implications of part of Upper Cretaceous rocks, east-central San Juan Basin, New Mexico: USGS Professional Paper 552, 101 p.

Fassett, J.E., and Hinds, J.S., 1971, Geology and fuel resources of the Fruitland Formation and Kirtland Shale of the San Juan Basin, New Mexico and Colorado: USGS Professional Paper 676, 76 p.

Molenaar, C.M., 1977, Stratigraphy and depositional history of Upper Cretaceous rocks of the San Juan Basin area, New Mexico and Colorado, with a note on Economic resources, in Fassett, J.E., ed., Guidebook of San Juan Basin III: New Mexico Geological Society, 28th Field Conference, p. 159-166.

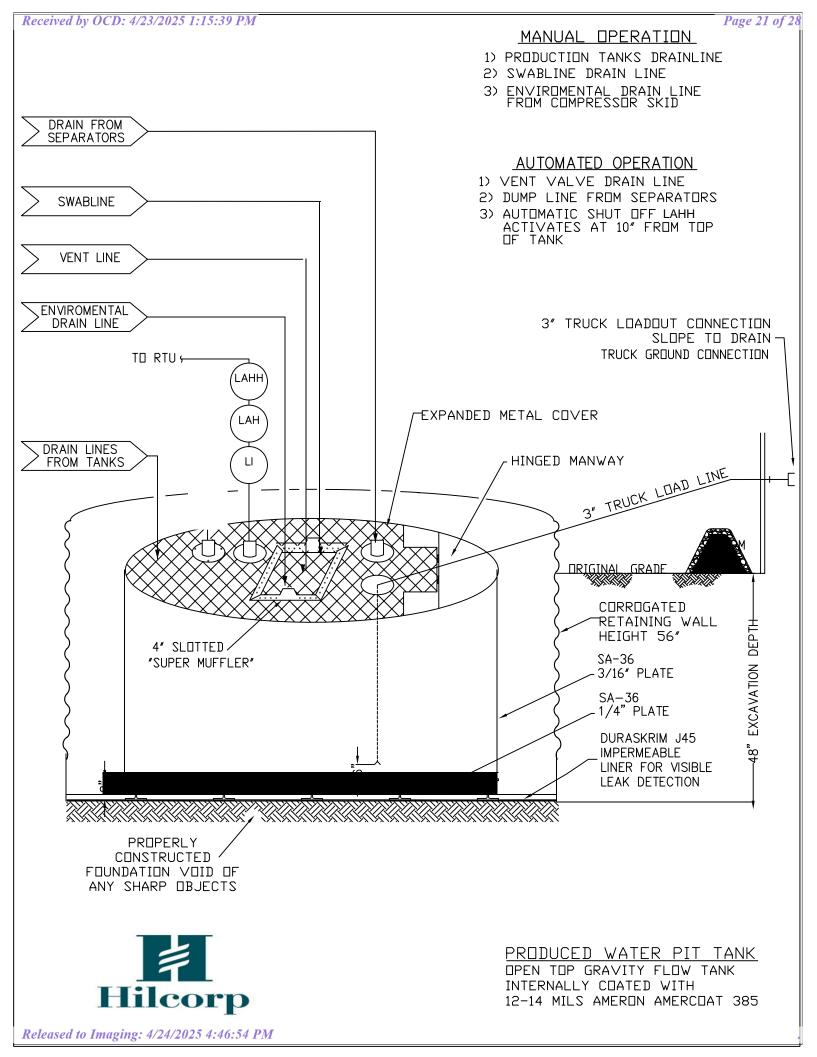
Stone, W.J., Lyford, F.P., Frenzel, P.F., Mizell, N.H., and Padgett, E.T., 1983, Hydrogeology and water resources of San Juan Basin, New Mexico: New Mexico Bureau of Mines and Mineral Resources, Hydrologic Report 6.

Below Grade Tank Design and Construction

In accordance with NMAC 19.15.17 the following information describes the design and construction of below-grade tanks on Hilcorp Energy Company, hereinafter known as HEC, locations. This is HEC's standard procedure for all below grade tanks (BGT). A separate plan will be submitted for any BGT which does not conform to this plan.

General Plan:

- 1. HEC will design and construct a properly sized and approved BGT which will contain liquids and should prevent contamination of fresh water to protect the public health and environment.
- 2. HEC signage will comply with 19.15.17.11.C NMAC.
- 3. HEC is requesting approval of an alternative fencing to be used on BGT tank locations. HEC requests to utilize 48" steel mesh field-fence (hog-wire) on the bottom with a single strand of barbed wire or a welded railing on top. T-posts shall be installed every 12 feet and corners shall be anchored utilizing a secondary T-post. BGTs will be fenced, regardless of location.
 - a. If the BGT is located within 1000' of an occupied permanent residence, school, hospital, institution or church, HEC will construct A 6' chain link fence with two strands of barbed wire or a welded railing on top. The operator shall ensure that all gates associated with the fence are closed and locked when responsible personnel are not onsite.
- 4. HEC will construct a screened, expanded metal covering, on the top of the BGT.
- 5. HEC will ensure that a BGT is constructed of materials resistant to the BGT's particular contents and resistant to damage from sunlight as shown on design drawing and specification sheet.
- 6. The HEC BGT system will have a properly constructed foundation consisting of a level base free of rocks, debris, sharp edges or irregularities to prevent punctures, cracks or indentations of the liner or tank bottom as shown on design drawing.
- 7. HEC shall operate and install the BGT to prevent the collection of surface water run-on. HEC has built in shut off devices that do not allow a BGT to overflow. HEC constructs berms and corrugated retaining walls at least 6" above ground to keep from surface water run-on entering the BGT as shown on the design plan.
- 8. If HEC needs to modify/retrofit the existing BGT it will meet the below specifications.
- 9. HEC will construct and use a BGT that does not have double walls. The BGT's side walls will be open for visual inspection for leaks, the BGT's bottom is elevated a minimum of six inches above the underlying ground surface and the BGT is underlain with a geomembrane liner to divert leaked liquid to a location that can be visually inspected.
- 10. HEC will equip below grade tanks with a properly functioning, automatic high-level shut off control device, as well as manual controls, to prevent overflows.
- 11. HEC will utilize a geomembrane liner manufactured by Brawler Industries, LLC as SuperScrim H45. SuperScrim H45 is manufactured with LLDPE and is 45 mil inch thickness and is reinforced with polyester scrim. The geomembrane liner has a hydraulic conductivity of less than 5 X 10⁻¹⁴ cm/s and is resistant to ultraviolet light, petroleum hydrocarbons, salts and acidic and alkaline solutions. The manufacturer specific sheet is attached.
- 12. The general specification for design and construction are attached





SuperScrim™ H Product Specifications

This product meets GRI GM 25 Specifications

This product meets artif aim 25 obecome attoris									
Properties Test Method Frequency			Minimum Average Values						
	H30	H36	H45						
Thickness, Nominal (mils) Min. Ave. (mils)	ASTM D5199	Per roll	30 27	36 32	45 40				
Weight Nominal (lb/1000, ft²) Min. Ave. (lb/1000, ft²)	ASTM D5261	Per roll	140 125	168 151	210 189				
Grab Tensile Strength (lb), min. ave. Elongation (%), min. ave.	ASTM D7004 (each direction) (each direction)	30,000 lb	300 25	310 25	320 25				
Tongue Tear (lb), min. ave.	ASTM D5884 (each direction)	30,000 lb	130	130	130				
Index Puncture (lb), min. ave.	ASTM D4833	30,000 lb	85	103	105				
Ply Adhesion (lb), min. ave. (1)	ASTM D6636	30,000 lb	20	25	25				
Oxidative Induction Time (OIT) (2) (a) Standard OIT Or	ASTM D3895	Formulation	>100	>100	>100				
(b) High Pressure OIT	ASTM D5885		>1000	>1000	>1000				
Standard Roll Dimensions									
Roll Width (3), ft	11.83	11.83	11.83						
Roll Length (3), ft	1500	1230	1000						
Roll Area, ft ²	17,745	14,551	11,830						

(1)Alternatively, an acceptable ply adhesion is to have a film tearing bond occur within the sheet material.
(2)The Manufacturer has the option to select either one of the OIT methods listed to evaluate the antioxidant effectiveness in the geomembrane.

 $^{(3)}$ Roll widths and lengths have a tolerance of $\pm\,1\%$

*Custom material thicknesses also available

This data is provided for informational purposes only. Brawler Industries, LLC makes no warranties as to the suitability of the fitness for a specific use or merchantability of products referred to, no guarantee of satisfactory results upon contained information or recommendations and disclaims all liability from resulting loss or damage. This information is subject to change without notice, please check with Brawler Industries, LLC for current updates.

This is a preliminary data sheet based upon laboratory testing of initial manufacturing lots and may be changed without notice as additional product testing data becomes available.



© 2015 Brawler Industries, LLC



MILES CITY, MT

184 Hwy 59 N Miles City, MT . 59301 800.488.3592 406.234.1680 MIDLAND, TX

11701 Co. Rd. 125 W Midland, TX 79711 800.583.6005 432.563.4005 PLEASANTON, TX

4300 S Hwy 281 Pleasanton, TX . 78064 830.569.4005 HOUSTON, TX

8615 Golden Spike Ln Houston, TX . 77086 800.364.7688 281.272.1660

SE HABLA ESPAÑOL

www.brawler.com





SuperScrim™ WC Product Specifications

Properties	Test Method	Minimum Average Values								
		9 mil	12 mil	16 mil	20 mil	24 mil	30 mil			
Weight	D5261	5.4 oz/yd ²	5.7 oz/yd ²	7.2 oz/yd ²	9.6 oz/yd ²	11.5 oz/yd ²	13.4 oz/yd ²			
Thickness		9 mil	12 mil	16 mil	20 mil	24 mil	30 mil			
Grab Tensile (lbs.)	D751	MD 200 CD 135	MD 210 CD 176	MD 230 CD 210	MD 330 CD 286	MD 352 CD 300	MD 352 CD 300			
Mullen Burst	D6241	300 psi	350 psi	400 psi	600 psi	680 psi	780 psi			
Accelerated UV Weathering D4355		>80% after 2000 hrs exposure	>90% after 2000 hrs exposure							
	Standard Roll Dimensions									
Roll Length ⁽²⁾ , Ft		3,000	3,000	4,000	3,000	2,250	2,250			
Roll Width (2), Ft	12	12	12	12	12	12				
Roll Area, Ft ²	36,000	36,000	48,000	36,000	27,000	27,000				

(1)9 of 10 views shall be Category 1 or 2. No more than 1 view from Category 3.

 $^{(2)}$ Roll widths and lengths have a tolerance of \pm 1%

Custom material thicknesses also available

This data is provided for informational purposes only. Brawler Industries, LLC makes no warranties as to the suitability of the fitness for a specific use or merchantability of products referred to, no guarantee of satisfactory results upon contained information or recommendations and disclaims all liability from resulting loss or damage. This information is subject to change without notice, please check with Brawler Industries, LLC for current updates.





© 2014 Brawler Industries, LLC

MILES CITY, MT 184 Hwy 59 N Miles City, MT . 59301 800.488.3592 406.234.1680 MIDLAND, TX 11701 Co. Rd. 125 W Midland, TX . 79711 800.583.6005 432.563.4005 PLEASANTON, TX 4300 S Hwy 281 Pleasanton, TX . 78064 830.569.4005 HOUSTON, TX 8615 Golden Spike Ln Houston, TX . 77086 800.364.7688 281.272.1660

Hilcorp Energy Company San Juan Basin Below Grade Tank Maintenance and Operating Plan

In accordance with Rule 19.15.17 the following information describes the operation and maintenance of a below-grade tank (BGT) on a Hilcorp Energy Company (HEC) location. This is HEC's standard procedure for all BGT's. A separate plan will be submitted for any BGT which does not conform to this plan.

General Plan:

- 1. HEC will operator and maintain a BGT to contain liquids and solids and maintain the integrity of the liner, liner system and secondary containment system to prevent contamination of fresh water and protect public health and the environmental. HEC will perform an inspection on a monthly basis, install cathodic protection and automatic overflow shutoff devices as seen on the design plan.
- 2. HEC will not discharge into or store any hazardous waste in the BGT.
- 3. HEC shall operator and install the BGT to prevent the collection of surface water run-on. HEC has built in shut-off devices that do not all ow a BGT to overflow. HEC constructs berms and corrugated retained walls at least 6" above grade to keep surface water run-on from entering the BGT as shown on the design plan.
- 4. As per 19.15.17.12.D(3), HEC will inspect the BGT for leakage and damage at least monthly. The operator will document the integrity of each tank at least annually and maintain a written record for 5 years. Inspections may include 1) containment berms adequate and no oil present, 2) tanks had no visible leaks or sign of corrosion, 3) tank valves, flanges, and hatches had no visible leaks and 4) no evidence of significant spillage of produced liquids. HEC shall remove any visible or measurable layer of oil from the fluid surface of the BGT in an effort to prevent significant accumulation of oil overtime.
- 5. HEC shall maintain adequate freeboard to prevent overtopping of the BGT.
- 6. If a BGT develops a leak, then HEC shall removal all liquid above the damage or leak within 48 hours of discovery, notify the appropriate division office pursuant to 19.15.29 NMAC and repair the damage or replace BGT as applicable.
- 7. If HEC discovers a BGT designed in accordance with 19.15.17.11.I(5) has lost integrity the BGT will promptly be drained and removed from service and HEC will follow the approved closure plan. If HEC discovers a retrofitted BGT designed in accordance with 19.15.17.11.I(4)(a-c), does not demonstrate integrity or that the BGT develops any of the conditions identified in Paragraph (5) of Subsection A of 19.15.17.12 NMAC shall repair the damage or close the existing BGT pursuant to the closure requirements of 19.15.17.13 NMAC.
- 8. If HEC equips or retrofits the existing BGT to comply with Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC, HEC shall visually inspect the area beneath the BGT during the retrofit and document any areas that are wet, discolored or showing other evidence of a release on form C-141. HEC shall measure and report to the division the concentration of contaminants in the wet or discolored soil with respect to the standards set forth in Table I of 19.15.17.13 NMAC. If there is no wet or discolored soil or if the concentration of contaminants in the wet or discolored soil is less than the standard set forth in Table I of 19.15.17.13 NMAC, then HEC will proceed with the closure requirements of 19.15.17.13 NMAC prior to initiating the retrofit or replacement.

Hilcorp Energy Company San Juan Asset Production BGT Closure Plan

In accordance with Rule 19.15.17.13 NMAC, the following plan describes the general closure requirements of a below-grade tank (BGT) on any Hilcorp Energy Company (HEC) location in the San Juan Asset. This is HEC's standard closure procedure for all BGT's regulated under Rule 19.15.17 NMAC and operated by HEC. For those closures which do not conform to this standard closure plan, a separate BGT specific closure plan will be developed and utilized.

Closure Conditions and Timing for BGT:

- Within 60 days of cessation of operation HEC will:
 - o Remove all liquids and sludge and dispose in a division approved manner.
- Within 72 hours or 1 week prior to closure HEC will:
 - Give notice to surface owners by certified mail. For public entities by email as specified on the variance page.
 - Give notice to Division District Office verbal or in writing/email.
- Within 6 months of cessation of operation HEC will:
 - o Remove BGT and dispose, recycle, reuse, or reclaim in a division approved manner.
 - o Remove unused onsite equipment associated with the BGT.
- Within 60 days of closure HEC will:
 - o Send the Division District Office a Closure Report per 19.15.17.13.F (1).

General Plan Requirements:

- 1. Prior to initiating any BGT closure, except in the case of an emergency, HEC will notify the surface owner of the intent to close the BGT by certified mail no later than 72 hours or 1 week before closure and a copy of this notification will be included in the closure report. In the case of an emergency, the surface owner will be notified as soon as practical.
- 2. Notice of closure will be given to the Division District office between 72 hours and 1 week of the scheduled closure via email or phone. The notification of closure will include the following:
 - a. Operators Name
 - b. Well Name and API Number
 - c. Location
- 3. All liquids will be removed from the BGT following cessation of operation. Produced water will be disposed of at one of HEC's approved Salt Water Disposal facilities or at a Division District Office approved facility.
- 4. Solids and sludge's will be shoveled and/or vacuumed out for disposal at one of the Division District Office approved facilities, depending on the proximity of the BGT site: Envirotech Land Farm (Permit #NM-01-011), Industrial Ecosystems Inc. JFJ Land Farm (Permit #NM-01-0010B), and Basin Disposal (Permit #NM-01-005).
- 5. HEC will obtain prior approval from the Division District Office to dispose, recycle, reuse, or reclaim the BGT and provide documentation of the disposition of the BGT in the closure report. Steel materials will be recycled or reused as approved by the Division District Office. Fiberglass tanks will be empty, cut up or shredded, and EPA cleaned for disposal as solid waste. Liner materials will be cleaned without soils or contaminated material for disposal as solid waste. Fiberglass tanks and liner materials will meet the conditions of 19.15.35 NMAC. Disposal will be at a licensed disposal facility, presently San Juan County Landfill operated by Waste Management under NMED Permit SWM-052426.
- 6. Any equipment associated with the BGT that is no longer required for some other purpose, following the closure, will be removed.

Revised 3/15/2016

- 7. Following removal of the tank and any liner material, HEC will test the soils beneath the BGT as follows:
 - a. At a minimum, a five-point composite sample will be taken to include any obvious stained or wet soils or any other evidence of contamination.
 - b. The laboratory sample shall be analyzed for the constituents listed in Table I of 19.15.17.13.

		Table I								
Closure Criteria for Soils Beneath Below-Grade Tanks, Drying Pads Associated with Closed-Loop Systems and Pits										
where Contents are Removed										
Depth below bottom of pit to	Constituent	Method*	Limit**							
groundwater less than 10,000										
mg/ITDS										
	Chloride	EPA 300.0	600 mg/kg							
≤50 feet	TPH	EPA SW-846 Method 418.1	100 mg/kg							
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg							
	Benzene	EPA SW-846 Method 8021B or 8015M	10 mg/kg							
	Chloride	EPA 300.0	10,000 mg/kg							
51 feet-100 feet	TPH	EPA SW-846 Method 418.1	2,500 mg/kg							
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg							
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg							
	Benzene	EPA SW-846 Method 8021B or 8015M	10 mg/kg							
	Chloride	EPA 300.0	20,000 mg/kg							
> 100 feet	TPH	EPA SW-846 Method 418.1	2,500 mg/kg							
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg							
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg							
Ī	Benzene	EPA SW-846 Method 8021B or 8015M	10 mg/kg							

^{*}Or other test methods approved by the division

(19.15.17.13 NMAC-Ro, 19.15.17.13 NMAC 3/28/2013)

- 8. If the Division District Office and/or HEC determine there is a release, HEC will comply with 19.15.17.13.C.3b.
- 9. Upon completion of the tank removal, pursuant to 19.15.17.13.C.3c, if all contaminant concentrations are less than or equal to the parameters listed in Table I of 19.15.17.13 NMAC, the excavation will be backfilled with non-waste containing earthen material compacted and covered with a minimum of one foot top soil, or background thickness of top soil, whichever is greater. The surface will then be re-contoured to match the native grade, prevent ponding of water, and prevent erosion of cover material.
- 10. For those portions of the former BGT area no longer required for production activities, HEC will seed the disturbed area in the first favorable growing season following the closure of the BGT. Seeding will be accomplished via drilling on the contour whenever practical, or by other Division District Office approved methods. HEC will notify the Division District Office when reclamation and re-vegetation is complete.

Reclamation of the BGT shall be considered complete when:

- Established vegetative cover reflects a life form ratio of +/- 50% of pre disturbance levels.
- Total plant cover is at least 70% of pre-disturbance levels (Excluding noxious weeds) OR
- Pursuant to 19.15.17.13.H.5d HEC will comply with obligations imposed by other applicable federal or tribal agencies in which there re-vegetation and reclamation requirements provide equal or better protection of fresh water, human health and the environment.

Revised 3/15/2016

^{**}Numerical limits or natural background level, whichever is greater

11. For those portions of the former BGT area required for production activities, reseeding will be done at well abandonment, and following the procedure noted above.

Closure Report:

All closure activities will include proper documentation and will be submitted to OCD within 60 days of the BGT closure on a Closure Report using Division District Office Form C-144. The Report will include the following:

- Proof of Closure Notice (surface owner and Division District Office)
- Backfilling & cover installation
- Confirmation Sampling Analytical Results
- Application Rate & Seeding techniques
- Photo Documentation of Reclamation

Revised 3/15/2016

Sante Fe Main Office Phone: (505) 476-3441

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Action 454935

CONDITIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	454935
	Action Type:
	[C-144] Below Grade Tank Plan (C-144B)

CONDITIONS

Created By		Condition Date
joel.stone	The operator shall install, or maintain on site, an oil absorbent boom or other device to contain an unanticipated release.	4/24/2025
joel.stone	All future C-144 Form submittals related to this below-grade tank must include OCD Permit Number: "BGT1" in Section 1 of the C-144 Form.	4/24/2025