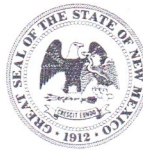


Mike A. Hamman, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 721357
File Nbr: L 15278

Mar. 15, 2022

CINDY CRAIN
SOUTHWEST ROYALTIES INC
2925 EAST 17TH STREET
ODESSA, TX 79761

Greetings:

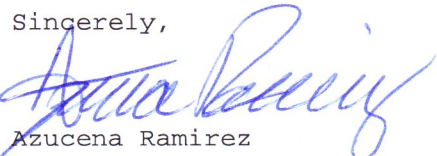
Your approved copy of the above numbered permit to drill a well for non-consumptive purposes is enclosed. You must obtain an additional permit if you intend to use the water. It is your responsibility to provide the contracted well driller with a copy of the permit that must be made available during well drilling activities.

Carefully review the attached conditions of approval for all specific permit requirements.

- * If use of this well is temporary in nature and the well will be plugged at the end of the well usage, the OSE must initially approve of the plugging. If plugging approval is not conditioned in this permit, the applicant must submit a Plugging Plan of Operations for approval prior to the well being plugged. The Plugging Record must be properly completed and submitted to the OSE within 30 days of the well plugging.
- * If the final intended purpose and condition requires a well ID tag and meter installation, the applicant must immediately send a completed meter report form to this office.
- * The well record and log must be submitted within 30 days of the completion of the well or if the attempt was a dry hole.
- * This permit expires and will be cancelled if no well is drilled and/or a well log is not received by the date set forth in the conditions of approval.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us.

Sincerely,


Azucena Ramirez
(575) 622-6521

Enclosure

explore

Mike A. Hamman, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 721357
File Nbr: L 15278

Mar. 15, 2022

ROBERT MEYER
TALON LPE LTD
921 N BIVINS ST
AMARILLO, TX 79107

Greetings:

Your approved copy of the above numbered permit to drill a well for non-consumptive purposes is enclosed. You must obtain an additional permit if you intend to use the water. It is your responsibility to provide the contracted well driller with a copy of the permit that must be made available during well drilling activities.

Carefully review the attached conditions of approval for all specific permit requirements.

- * If use of this well is temporary in nature and the well will be plugged at the end of the well usage, the OSE must initially approve of the plugging. If plugging approval is not conditioned in this permit, the applicant must submit a Plugging Plan of Operations for approval prior to the well being plugged. The Plugging Record must be properly completed and submitted to the OSE within 30 days of the well plugging.
- * If the final intended purpose and condition requires a well ID tag and meter installation, the applicant must immediately send a completed meter report form to this office.
- * The well record and log must be submitted within 30 days of the completion of the well or if the attempt was a dry hole.
- * This permit expires and will be cancelled if no well is drilled and/or a well log is not received by the date set forth in the conditions of approval.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us.

Sincerely,

A handwritten signature in blue ink, appearing to read "Azucena Ramirez".

Azucena Ramirez
(575) 622-6521

Enclosure

explore

700256.001.01

File No. L-15278 POD 1



NEW MEXICO OFFICE OF THE STATE ENGINEER

WR-07 APPLICATION FOR PERMIT TO DRILL
A WELL WITH NO WATER RIGHT



(check applicable box):

For fees, see State Engineer website: <http://www.ose.state.nm.us/>

Purpose:	<input type="checkbox"/> Pollution Control And/Or Recovery	<input type="checkbox"/> Ground Source Heat Pump
<input checked="" type="checkbox"/> Exploratory Well (Pump test)	<input type="checkbox"/> Construction Site/Public Works Dewatering	<input type="checkbox"/> Other(Describe):
<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Mine Dewatering	

A separate permit will be required to apply water to beneficial use regardless if use is consumptive or nonconsumptive.

<input type="checkbox"/> Temporary Request - Requested Start Date:	Requested End Date:
--	---------------------

Plugging Plan of Operations Submitted? ☒ Yes ☐ No

1. APPLICANT(S)

Name: Southwest Royalties, Inc.	Name: Talon/LPE, Ltd.
Contact or Agent: <input checked="" type="checkbox"/> check here if Agent Crain Environmental / Cindy Crain	Contact or Agent: <input type="checkbox"/> check here if Agent Robert Meyer
Mailing Address: 2925 East 17th Street	Mailing Address: 921 N Bivins St.
City: Odessa	City: Amarillo
State: TX Zip Code: 79761	State: TX Zip Code: 79107
Phone: 575-441-7244 <input type="checkbox"/> Home <input checked="" type="checkbox"/> Cell Phone (Work):	Phone: 806-467-0607 <input type="checkbox"/> Home <input type="checkbox"/> Cell Phone (Work):
E-mail (optional): cindy.crain@gmail.com	E-mail (optional): rmeyer@talonlpe.com

005 017 MAR 7 2022 PM 1:29

FOR OSE INTERNAL USE		Application for Permit, Form WR-07, Rev 11/17/16	
File No.: L-15278	Trn. No.: 721357	Receipt No.: 204296	
Trans Description (optional): MON			
Sub-Basin: L		PCW/LOG Due Date: 3/15/23	

700256.001.01

2. WELL(S) Describe the well(s) applicable to this application.

Location Required: Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84).

District II (Roswell) and District VII (Cimarron) customers, provide a PLSS location in addition to above.

☐ NM State Plane (NAD83) (Feet)

☐ NM West Zone☐ NM East Zone☐ NM Central Zone

☐ UTM (NAD83) (Meters)

☐ Zone 12N☐ Zone 13N

☐ Lat/Long (WGS84) (to the nearest 1/10th of second)

Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Provide if known: -Public Land Survey System (PLSS) (Quarters or Halves , Section, Township, Range) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
L-15278 POD L	-103.59383	33.501508	

NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions)

Additional well descriptions are attached: ☐ Yes ☒ No If yes, how many _____

Other description relating well to common landmarks, streets, or other:

Well is on land owned by: Jarrod Johnson

Well Information: NOTE: If more than one (1) well needs to be described, provide attachment. Attached? ☐ Yes ☒ No

If yes, how many _____

Approximate depth of well (feet): 51	Outside diameter of well casing (inches): N/A
Driller Name: Jarod Michalsky	Driller License Number: NM-1800

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

Soil boring to verify depth to groundwater

USE OCT MAR 7 2022 PML/23

700256.001.01

4. SPECIFIC REQUIREMENTS: The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

Exploratory: <input checked="" type="checkbox"/> Include a description of any proposed pump test, if applicable.	Pollution Control and/or Recovery: <input type="checkbox"/> Include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for the pollution control or recovery operation. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The annual diversion amount. <input type="checkbox"/> The annual consumptive use amount. <input type="checkbox"/> The maximum amount of water to be diverted and injected for the duration of the operation. <input type="checkbox"/> The method and place of discharge. <input type="checkbox"/> The method of measurement of water produced and discharged. <input type="checkbox"/> The source of water to be injected. <input type="checkbox"/> The method of measurement of water injected. <input type="checkbox"/> The characteristics of the aquifer. <input type="checkbox"/> The method of determining the resulting annual consumptive use of water and depletion from any related stream system. <input type="checkbox"/> Proof of any permit required from the New Mexico Environment Department. <input type="checkbox"/> An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.	Construction De-Watering: <input type="checkbox"/> Include a description of the proposed dewatering operation, <input type="checkbox"/> The estimated duration of the operation, <input type="checkbox"/> The maximum amount of water to be diverted, <input type="checkbox"/> A description of the need for the dewatering operation, and, <input type="checkbox"/> A description of how the diverted water will be disposed of. Ground Source Heat Pump: <input type="checkbox"/> Include a description of the geothermal heat exchange project, <input type="checkbox"/> The number of boreholes for the completed project and required depths. <input type="checkbox"/> The time frame for constructing the geothermal heat exchange project, and, <input type="checkbox"/> The duration of the project. <input type="checkbox"/> Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.	Mine De-Watering: <input type="checkbox"/> Include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for mine dewatering. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The source(s) of the water to be diverted. <input type="checkbox"/> The geohydrologic characteristics of the aquifer(s). <input type="checkbox"/> The maximum amount of water to be diverted per annum. <input type="checkbox"/> The maximum amount of water to be diverted for the duration of the operation. <input type="checkbox"/> The quality of the water. <input type="checkbox"/> The method of measurement of water diverted. <input type="checkbox"/> The recharge of water to the aquifer. <input type="checkbox"/> Description of the estimated area of hydrologic effect of the project. <input type="checkbox"/> The method and place of discharge. <input type="checkbox"/> An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. <input type="checkbox"/> A description of the methods employed to estimate effects on surface water rights and underground water rights. <input type="checkbox"/> Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.
Monitoring: <input type="checkbox"/> Include the reason for the monitoring well, and, <input type="checkbox"/> The duration of the planned monitoring.			

ACKNOWLEDGEMENT

I, We (name of applicant(s)), Cindy Crain, Robert Meyer
Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

Cindy Crain

Digitally signed by Cindy Crain
Date: 2022.03.01 16:02:44 -06'00'

Applicant Signature

Robert Meyer

Digitally signed by Robert Meyer
DN: cn=Robert Meyer, o=Talon/LPE, Ltd., ou, email=rmeyer@talonlpe.com, c=US
Date: 2022.03.01 13:46:51 -06'00'

Applicant Signature

ACTION OF THE STATE ENGINEER

This application is:

☒ approved ☐ partially approved ☐ denied

provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare and further subject to the attached conditions of approval.

Witness my hand and seal this 15th day of March 20 22, for the State Engineer,

Mike A. Hamman, P.E.
State Engineer

By: K. Parekh
Signature

Kashyap Parekh
Print

Water Resources Manager I
Title

FOR OSE INTERNAL USE	Application for Permit, Form WR-07
File No.: <u>L-15278</u>	Trn No.: <u>721357</u>

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL

- 17-16 Construction of a water well by anyone without a valid New Mexico Well Driller License is illegal, and the landowner shall bear the cost of plugging the well by a licensed New Mexico well driller. This does not apply to driven wells, the casing of which does not exceed two and three-eighths inches outside diameter.
- 17-1B Depth of the well shall not exceed the thickness of the Ogallala formation.
- 17-4 No water shall be appropriated and beneficially used under this permit.
- 17-6 The well authorized by this permit shall be plugged completely using the following method per Rules and Regulations Governing Well Driller Licensing, Construction, Repair and Plugging of Wells; Subsection C of 19.27.4.30 NMAC unless an alternative plugging method is proposed by the well owner and approved by the State Engineer upon completion of the permitted use. All pumping appurtenance shall be removed from the well prior to plugging. To plug a well, the entire well shall be filled from the bottom upwards to ground surface using a tremie pipe. The bottom of the tremie shall remain submerged in the sealant throughout the entire sealing process; other placement methods may be acceptable and approved by the state engineer. The well shall be plugged with an office of the state engineer approved sealant for use in the plugging of non-artesian wells. The well driller shall cut the casing off at least four (4) feet below ground surface and fill the open hole with at least two vertical feet of approved sealant. The driller must fill or cover any open annulus with sealant. Once the sealant has cured, the well driller or well owner may cover the seal with soil. A Plugging Report for said well shall be filed with the Office of the State Engineer in a District Office within 30 days of completion of the plugging.

Trn Desc: L 15278 POD1

File Number: L 15278
Trn Number: 721357

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL (Continued)

- 17-7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.

- 17-B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with 72-12-12 NMSA 1978. A licensed driller shall not be required for the construction of a well driven without the use of a drill rig, provided that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter.

- 17-C The well driller must file the well record with the State Engineer and the applicant within 30 days after the well is drilled or driven. It is the well owner's responsibility to ensure that the well driller files the well record.
The well driller may obtain the well record form from any District Office or the Office of the State Engineer website.

- 17-P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between hydrogeologic zones.

- 17-Q The State Engineer retains jurisdiction over this permit.

- 17-R Pursuant to section 72-8-1 NMSA 1978, the permittee shall allow the State Engineer and OSE representatives entry upon private property for the performance of their respective duties, including access to the ditch or acequia to measure flow and also to the well for meter reading and water level measurement.

Trn Desc: L 15278 POD1

File Number: L 15278

Trn Number: 721357

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL (Continued)

LOG The Point of Diversion L 15278 POD1 must be completed and the Well Log filed on or before 03/15/2023.

IT IS THE PERMITTEE'S RESPOSIBILITY TO OBTAIN ALL AUTHORIZATIONS AND PERMISSIONS TO DRILL ON PROPERTY OF OTHER OWNERSHIP BEFORE COMMENCING ACTIVITIES UNDER THIS PERMIT.

ACTION OF STATE ENGINEER

Notice of Intention Rcvd:	Date Rcvd. Corrected:
Formal Application Rcvd: 03/15/2022	Pub. of Notice Ordered:
Date Returned - Correction:	Affidavit of Pub. Filed:

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the specific conditions listed previously.

Witness my hand and seal this 15 day of Mar A.D., 2022

Mike A. Hamman, P.E., State Engineer

By: K. Parekh
KASHYAP PAREKH

OFFICE OF THE STATE ENGINEER/INTERSTATE STREAM COMMISSION – ROSWELL OFFICE

OFFICIAL RECEIPT NUMBER: 2 - 44296

DATE: 03-07-2022

FILE NO.:

TOTAL: 5.00

RECEIVED: June

CHECK NO.: 101548

CASH:

PAYOR: Talon/LPE, LTD

ADDRESS: 921 N. Bevin St

CITY: Cmaido

STATE: TX

ZIP: 79107

RECEIVED BY: [Signature]

INSTRUCTIONS: Indicate the number of actions to the left of the appropriate type of filing. Complete the receipt information. **Original** to payor; **pink** copy to Program Support/ASD; and **yellow** copy for Water Rights. If a mistake is made, void the original and all copies and submit to Program Support/ASD as part of your daily deposit.

A. Ground Water Filing Fees

1. Change of Ownership of Water Right

\$ 2.00

2. Application to Appropriate or Supplement Domestic 72-12-1 Well

\$ 125.00

3. Application to Repair or Deepen 72-12-1 Well

\$ 75.00

4. Application for Replacement 72-12-1 Well

\$ 75.00

5. Application to Change Purpose of Use 72-12-1 Well

\$ 75.00

6. Application for Stock Well/Temp. Use

\$ 5.00

7. Application to Appropriate Irrigation, Municipal, or Commercial Use

\$ 25.00

8. Declaration of Water Right

\$ 1.00

9. Application for Additional Point of Diversion Non 72-12-1 Per Well

\$ 25.00

10. Application to Change Place or Purpose of Use Non 72-12-1 Well

\$ 25.00

11. Application to Change Point of Diversion and Place and/or Purpose of Use from Surface Water to Ground Water and Place and/or Purpose of Use from Ground Water to Ground Water

\$ 50.00

12. Application to Change Point of Diversion and Place and/or Purpose of Use from Ground Water to Ground Water

\$ 50.00

13. Application to Change Point of Diversion of Non 72-12-1 Well

\$ 25.00

14. Application to Repair or Deepen Non 72-12-1 Well

\$ 5.00

15. Application for Test, Expl. Observ. Well

\$ 5.00

16. Application for Extension of Time

\$ 25.00

17. Proof of Application to Beneficial Use

\$ 25.00

18. Notice of Intent to Appropriate

\$ 25.00

B. Surface Water Filing Fees

1. Change of Ownership of a Water Right

\$ 5.00

2. Declaration of Water Right

\$ 10.00

3. Amended Declaration

\$ 25.00

4. Application to Change Point of Diversion and Place and/or Purpose of Use from Surface Water to Surface Water

\$ 200.00

5. Application to Change Point of Diversion and Place and/or Purpose of Use from Ground Water to Surface Water

\$ 200.00

6. Application to Change Point of Diversion

\$ 100.00

7. Application to Change Place and/or Purpose of Use

\$ 100.00

8. Application to Appropriate

\$ 25.00

9. Notice of Intent to Appropriate

\$ 25.00

10. Application for Extension of Time

\$ 50.00

11. Supplemental Well to a Surface Right

\$ 100.00

12. Return Flow Credit

\$ 100.00

13. Proof of Completion of Works

\$ 25.00

14. Proof of Application of Water to Beneficial Use

\$ 25.00

15. Water Development Plan

\$ 100.00

16. Declaration of Livestock Water Impoundment

\$ 10.00

17. Application for Livestock Water Impoundment

\$ 10.00

C. Well Driller Fees

1. Application for Well Driller's License

\$ 50.00

2. Application for Renewal of Well Driller's License

\$ 50.00

3. Application to Amend Well Driller's License

\$ 50.00

D. Reproduction of Documents

@ 0.25¢

\$

Map(s) @ \$3.00

\$

E. Certification

\$

F. Other

\$

G. Comments:

Mail

All fees are non-refundable.



STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
ROSWELL

Mike A. Hamman, P.E.
State Engineer

DISTRICT II
1900 West Second St.
Roswell, New Mexico 88201
Phone: (575) 622-6521
Fax: (575) 623-8559

March 9, 2022

Southwest Royalties Inc.
P.O. Box 53570
Midland, Texas 79710-3570

RE: Well Plugging Plan of Operations for **L-15278-POD1**

Greetings:

Enclosed is your copy of the Well Plugging Plan of Operations for the above referenced project. The proposed method of operation is found to be acceptable and in accordance with the Rules and Regulations Governing Well Driller Licensing; Construction, Repair and Plugging of Wells 19.27.4 NMAC adopted June 30, 2017 by the State Engineer.

- (1) Plugging operations shall also be conducted in accordance with NMED, NMOCD, or other State or Federal agencies having oversight for the above described project.*
- (2) Well that encounters water - No more than 6.0 gallons water per 94 lb. sack of neat cement slurry.*
- (3) Any deviation from this plan must obtain an approved variance from this office prior to implementation.*

Within 30 days after the well is plugged, the well driller is required to file a complete plugging record with the OSE and the permit holder.

Sincerely,

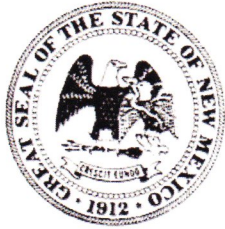
A handwritten signature in black ink that reads "K. Parekh".

Kashyap Parekh
Water Resources Manager I

700256.001.01



WELL PLUGGING
PLAN OF OPERATIONS



NOTE: A Well Plugging Plan of Operations shall be filed with and accepted by the Office of the State Engineer prior to plugging. This form may be used to plug a single well, or if you are plugging multiple monitoring wells on the same site using the same plugging methodology.

Alert! Your well may be eligible to participate in the Aquifer Mapping Program (AMP)-NM Bureau of Geology geoinfo.nmt.edu/resources/water/cgmn/ if within an area of interest and meets the minimum construction requirements, such as there is still water in your well, and the well construction reflected in a well record and log is not compromised, contact AMP at 575-835-5038 or -6951, or by email nmbg-waterlevels@nmt.edu, prior to completing this prior form. Showing proof to the OSE that your well was accepted in this program, may delay the plugging of your well until a later date.

I. FILING FEE: There is no filing fee for this form.

II. GENERAL / WELL OWNERSHIP: ☐ Check here if proposing one plan for multiple monitoring wells on the same site and attaching WD-08m

Existing Office of the State Engineer POD Number (Well Number) for well to be plugged: L-15278-POPI

Name of well owner: Southwest Royalties, Inc.

Mailing address: PO Box 53570 County: _____

City: Midland State: Texas Zip code: 79710-3570

Phone number: 432-685-9038 E-mail: _____

III. WELL DRILLER INFORMATION:

Well Driller contracted to provide plugging services: Talon/LPE, Ltd. / Jarod Michalsky

New Mexico Well Driller License No.: NM-1800 Expiration Date: 06/22

IV. WELL INFORMATION: ☐ Check here if this plan describes method for plugging multiple monitoring wells on the same site and attach supplemental form WD-08m and skip to #2 in this section.

Note: A copy of the existing Well Record for the well(s) to be plugged should be attached to this plan.

1) GPS Well Location: Latitude: _____ deg, _____ min, _____ sec
Longitude: _____ deg, _____ min, _____ sec, NAD 83

2) Reason(s) for plugging well(s):

Abandonment of soil boring

3) Was well used for any type of monitoring program? No If yes, please use section VII of this form to detail what hydrogeologic parameters were monitored. If the well was used to monitor contaminated or poor quality water, authorization from the New Mexico Environment Department may be required prior to plugging.

4) Does the well tap brackish, saline, or otherwise poor quality water? Unk If yes, provide additional detail, including analytical results and/or laboratory report(s): _____

5) Static water level: Unk feet below land surface / feet above land surface (circle one)

6) Depth of the well: 51 feet

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- 7) Inside diameter of innermost casing: N/A inches.
- 8) Casing material: _____
- 9) The well was constructed with:

☐ an open-hole production interval, state the open interval: _____

☐ a well screen or perforated pipe, state the screened interval(s): _____
- 10) What annular interval surrounding the artesian casing of this well is cement-grouted? N/A
- 11) Was the well built with surface casing? N/A If yes, is the annulus surrounding the surface casing grouted or otherwise sealed? _____ If yes, please describe:
- 12) Has all pumping equipment and associated piping been removed from the well? N/A If not, describe remaining equipment and intentions to remove prior to plugging in Section VII of this form.

V. DESCRIPTION OF PLANNED WELL PLUGGING: ☐ If plugging method differs between multiple wells on same site, a separate form must be completed for each method.

Note: If this plan proposes to plug an artesian well in a way other than with cement grout, placed bottom to top with a tremie pipe, a detailed diagram of the well showing proposed final plugged configuration shall be attached, as well as any additional technical information, such as geophysical logs, that are necessary to adequately describe the proposal. Attach a copy of any signed OSE variance to this plugging plan.

Also, if this planned plugging plan requires a variance to 19.27.4 NMAC, attach a detailed variance request signed by the applicant.

- 1) Describe the method by which cement grout shall be placed in the well, or describe requested plugging methodology proposed for the well:

Tremmie grout from bottom up
- 2) Will well head be cut-off below land surface after plugging? N/A

VI. PLUGGING AND SEALING MATERIALS:

Note: The plugging of a well that taps poor quality water may require the use of a specialty cement or specialty sealant. Attach a copy of the batch mix recipe from the cement company and/or product description for specialty cement mixes or any sealant that deviates from the list of OSE approved sealants.

- 1) For plugging intervals that employ cement grout, complete and attach Table A.
- 2) For plugging intervals that will employ approved non-cement based sealant(s), complete and attach Table B.
- 3) Theoretical volume of grout required to plug the well to land surface: 75
- 4) Type of Cement proposed: Type I/II
- 5) Proposed cement grout mix: 5.5 gallons of water per 94 pound sack of Portland cement.
- 6) Will the grout be: batch-mixed and delivered to the site

X mixed on site

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- 7) Grout additives requested, and percent by dry weight relative to cement:

N/A
- 8) Additional notes and calculations:

N/A

VII. ADDITIONAL INFORMATION: List additional information below, or on separate sheet(s):

VIII. SIGNATURE:

I, Robert Meyer, say that I have carefully read the foregoing Well Plugging Plan of Operations and any attachments, which are a part hereof; that I am familiar with the rules and regulations of the State Engineer pertaining to the plugging of wells and will comply with them, and that each and all of the statements in the Well Plugging Plan of Operations and attachments are true to the best of my knowledge and belief.

Robert Meyer

Digitally signed by Robert Meyer
DN: cn=Robert Meyer, o=State of New Mexico, email=rmeyer@state.nm.gov, c=US
Date: 2022.03.01 13:46:30 -0500

3/1/2022

Date

Signature of Applicant

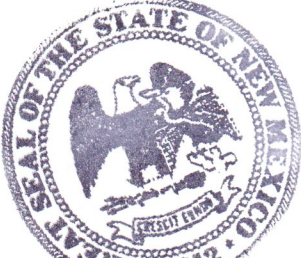
IX. ACTION OF THE STATE ENGINEER:

This Well Plugging Plan of Operations is:

☒ Approved subject to the attached conditions.

☐ Not approved for the reasons provided on the attached letter.

Witness my hand and official seal this 9th day of March, 2022



Mike A. Hamman
John R. D'Antonio Jr. P.E., New Mexico State Engineer

By: K. Parekh
KASHYAP PAREKH
W.R.M.I

WD-08 Well Plugging Plan

Version: July 31, 2019

Page 3 of 5

700256.001.01

TABLE A - For plugging intervals that employ cement grout. Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of grout placement (ft bgl)	0		
Bottom of proposed interval of grout placement (ft bgl)	51		
Theoretical volume of grout required per interval (gallons)	75		
Proposed cement grout mix gallons of water per 94-lb. sack of Portland cement	5.5		
Mixed on-site or batch-mixed and delivered?	Onsite		
Grout additive 1 requested	N/A		
Additive 1 percent by dry weight relative to cement	N/A		
Grout additive 2 requested	N/A		
Additive 2 percent by dry weight relative to cement	N/A		

700256.001.01

TABLE B - For plugging intervals that will employ approved non-cement based sealant(s). Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of sealant placement (ft bgl)			
Bottom of proposed sealant of grout placement (ft bgl)			
Theoretical volume of sealant required per interval (gallons)			
Proposed abandonment sealant (manufacturer and trade name)			

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

CONDITIONS

Action 209396

CONDITIONS

Operator: SOUTHWEST ROYALTIES INC P O BOX 53570 Midland, TX 79710	OGRID: 21355
	Action Number: 209396
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Permits approved by OSE to drill wells at the site accepted for the record, dated March 15, 2022. App ID: 209396	12/17/2024