

PART 3
MINIMAL IMPACT EXPLORATION OPERATION
PERMIT APPLICATION

Send 6 copies of the completed application to:

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
Director
Mining and Minerals Division
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505
Telephone: (505) 476-3400

CHECK OFF LIST TO DETERMINE YOUR PROJECT'S STATUS AS A MINIMAL IMPACT EXPLORATION OPERATION:

- Yes No My project **will exceed 1000 cubic yards of excavation**, per permit (drill pads, mud pits, and roads will not be counted in excavated materials).
- Yes No Surface disturbances for constructed roads, drill pads and mud pits **will exceed 5 acres** total for my project.
- Yes No My project is located in or is expected to have a direct surface impact on wetlands, springs, perennial or intermittent streams, lakes, rivers reservoirs or riparian areas.
- Yes No My project is located in designated critical habitat areas as determined in accordance with the federal Endangered Species Act of 1973 or in areas determined by the Department of Game and Fish likely to result in an adverse impact on an endangered species designated in accordance with the Wildlife Conservation Act, Sections 17-2-37 through 17-2-46 NMSA 1978 or by the State Forestry Division for the Endangered Plants Act, section 75-6-1 NMSA 1978.
- Yes No My project is located in an area designated as Federal Wilderness Area, Wilderness Study Area, Area of Critical Environmental Concern, or an area within the National Wild and Scenic River System.
- Yes No My project is located in a known cemetery or other burial ground.

- Yes No My project is located in an area with cultural resources listed on either the National Register of Historic Places or the State Register of Cultural Properties.
- Yes No My project will or is expected to have a direct impact on ground water that has a total dissolved solids concentration of less than 10,000 mg/L, except exploratory drilling intersecting ground water may be performed as a minimal impact operation.
- Yes No My project is expected to use or using cyanide, mercury amalgam, heap leaching or dump leaching in its operations.
- Yes No My project is expected to result in point or non-point source surface or subsurface releases of acid or other toxic substances from the permit area.
- Yes No My project requires a variance from any part of the Mining Act Rules as part of the permit application.

If you answer yes to any of the above questions, your project does not qualify as a minimal impact exploration operation.

Confidential Information

- Yes No Is any of the information submitted in this application considered by the applicant to be confidential in nature? If yes, please provide this information separately and marked as “confidential.”

Timeline

- Exploration applications must be provided no less than 45 days prior to the anticipated date of operations desired by the applicant.
- Renewal applications shall be filed at least 30 days preceding expiration of the current permit. Permits are valid for one year.
- Approved permit is valid for one year from the date of approval.

SECTION 1 – OPERATOR INFORMATION (§304.D.1)

Project Name: Lordsburg Playa Lithium Exploration

Nearest Town To Project: Lordsburg, NM

Applicant Name and Contact Information (entity obligated under the Mining Act):

Name: Lordsburg Resources - Frank Bain, Authorized Company Representative

Address: 2425 Chof Trail , Flagstaff, AZ 86005

Office Phone: _____ Cell Phone: 307-231-1404

Fax Number: _____ Email: frankbain7@aol.com

Name of On-Site Contact, Representative, or Consultant:

Name: Same as above

Address: _____

Office Phone: _____ Cell Phone: _____

Fax Number: _____ Email: _____

SECTION 2 – RIGHT TO ENTER INFORMATION (§302.D.1)

- A. Describe or attach copies of documents that give the applicant the right to enter the property to conduct the exploration and reclamation, include: lease agreements, access agreements, right of way agreements, surface owner agreements, and claim numbers, if applicable.

LBP 1 to LBP 261 are Federal Lode Mining Claims all located on BLM owned land that includes both surface and mineral estate.

Attachment 1

B. List the names and addresses of surface and mineral ownership within the proposed permit area. If the mineral is federal mineral, indicate as federal mineral, but provide the name of the claim holder or lease holder.

Surface Estate Owner(s):

Name	Address	Phone #
X U.S. BLM	Frank Bain - Claim Owner_____	307-231-1404
	As Above_____	
<input type="checkbox"/> U.S. Forest Service	_____	_____

<input type="checkbox"/> State of NM	_____	_____

<input type="checkbox"/> Private/Corporate	_____	_____
Name: _____	_____	

Lease Holder(s) of Surface Estate (if applicable):

Name	Address	Phone #
_____	_____	_____

Mineral Estate Owner(s):

Name	Address	Phone #
X Bureau of Land Management	Frank Bain, Claimant_____	307-231-1404
	As Above_____	

US Forest Service _____

State of NM _____

Claim/Lease Holder _____

Name: Frank Bain _____

Claim Numbers: LBP 1 to LBP 261 - Pending - Currently being recorded

C. Has a Cultural Resource Survey been performed on the site?

Yes No If yes, please provide the author, title, date and report number, and include a copy of the survey with this application, if possible:

A request is in the Notice of Intent filed with the BLM for the Las Cruces BLM Office to complete a survey.

Attachment _____

D. Has a wildlife survey or vegetation survey been performed for the permit area?

Yes No If yes, please provide the author, title, date and report number, and include a copy of the survey with this application, if possible:

Las Cruces BLM to decide if surveys need to be performed.

SECTION 3 – MAPS AND PROJECT LOCATION (§302.D.2)

A. Project Location:

Township 23 S _____ Range 20W _____ Sections: 8, 9, 10, 15, 17,
20, 21, 22.

Township _____ Range _____ Section _____

Are maps or figures included with the application showing the approximate dimensions and locations of drill pads and other disturbances:

X Yes – Drill pad dimensions and constructed drill pad locations

Attachments _____

C. Provide detailed driving directions to access the site: From the Lordsburg West Motel Drive Exit proceed west for 17 miles to the Steins Exit. Turn north onto Steins Mountain Road, cross the railroad tracks and proceed for 6 miles where a well marked 2 track is intersected that heads east. Follow the flagged two track roads and flagging to the drill sites. Please refer to attached map.

SECTION 4 – EXPLORATION DESCRIPTION (§302.D.3 & 4)

A. Anticipated exploration: Start Date: November 1, 2017____ End Date: December 1, 2017.

B. List the mineral(s)/element(s) to be explored for: Lithium

C. Proposed method(s) of exploration:

x **Air drilling (air rotary, coring, etc.): Hole will be started with air and probably completed with foam or mud**

2 # of holes 750 Depth (ft.) 6 Diameter (in.)

2 # of drill pads 50 Length (ft.) 30 Width (ft.)

Will drill pads be graded/bladed or overland: Graded/bladed x Overland

Will drill pads need some mechanical leveling (grading/blading): Yes x No

Approx. Weight of Drill Rig (lbs.) _____ Number of Axles: 3

Total length of drill stem that can be carried on the rig: _____

Is a support pipe truck anticipated? X Yes No _____ Weight (lbs.)

Weight of support compressor (lbs.): _____ Trailer mounted? _____

Anticipated Drilling Contractor: Layne Western

License No. _____

Mud/fluid drilling:

_____ # of holes _____ Depth (ft.) _____ Diameter (in.)

_____ # of drill pads _____ Length (ft.) _____ Width (ft.)

Will drill pads be graded/bladed or overland: X Graded/bladed X Overland

Will drill pads need some mechanical leveling (grading/blading): Yes X No

Will a closed loop system be used or will mud/fluid pits be used? Mud pits

If mud/fluid pits are proposed:

2 # of pits 10 Length (ft.) 10 Width (ft.) 10 Depth (ft.)

Anticipated excavating equipment: Backhoe

How will excavating equipment be transported to the site (i.e., driven, low-boy, etc.):

Low boy

Will mud pits be lined?: Yes X No

If yes, proposed material to line the mud pits: _____

Approx. Weight of Drill Rig (lbs.) _____ Number of Axles: 3

Anticipated Drilling Contractor: Layne License No. _____

Test pits / exploratory trenches:

0 # of pits _____ Length (ft.) _____ Width (ft.) _____ Depth (ft.)

Anticipated excavating equipment: _____

How will excavating equipment be transported to the site (i.e., driven, low-boy, etc.): _____

- Other methods of exploration** (i.e., cuts, shafts, tunnels, adits, declines, blasting, etc.). Indicate method and details: _____ None

TOTAL ACREAGE TO BE DISTURBED DUE TO DRILL PADS = .10 acres
(to convert to acres, multiply total square footage of drill pads by 0.0000229)

D. Disposal of drill cuttings

If this exploration project is for uranium or other radioactive elements/minerals, applicant agrees to perform a gamma radiation survey at each drill site prior to, and after, exploration activities. Applicant/Owner/Operator agrees to restore gamma radiation levels at each drill site to pre-exploration levels. Yes No N/A

Will excess drill cuttings be buried at each drill site location or within a single disposal pit?
X At each drill pad location Within a single disposal pit

If a single disposal pit is proposed, please provide the following:

Description or GPS coordinates of the proposed cuttings disposal pit location:

Dimensions of the single proposed cuttings disposal pit (length, width, and depth):

10 Length (ft.) 10 Width (ft.) 10 Depth (ft.)

TOTAL ACREAGE TO BE DISTURBED DUE TO DISPOSAL PIT = .03 acres
(to convert to acres, multiply total square footage of disposal pit by 0.0000229)

E. Other Supporting Equipment (check all that apply):

<input checked="" type="checkbox"/>	4x4 Trucks/Vehicles	Quantity:	<u>3</u>
<input checked="" type="checkbox"/>	Water Truck	Weight (lbs.):	<u>1</u>
<input checked="" type="checkbox"/>	Geophysical Truck	Weight (lbs.):	<u>1</u>
<input checked="" type="checkbox"/>	Pipe Truck (rig support)	Weight (lbs.):	<u>1</u>
<input type="checkbox"/>	Bulldozer	Type:	_____
<input checked="" type="checkbox"/>	Backhoe	Type:	<u>1</u>
<input type="checkbox"/>	Trackhoe	Type:	_____

<input checked="" type="checkbox"/> Scaper/Grader <input type="checkbox"/> Trailers <input checked="" type="checkbox"/> Portable Toilet <input type="checkbox"/> Other	Type: 1 Quantity/Type: Quantity: 1 List:	

F. Roads and Overland Travel:

List of new roads to be constructed for this exploration project:

Description of <i>NEW</i> Roads	Length (ft.)	Width (ft.)	Total Acres (length x width x 0.0000229)
Listed under cross country travel.			
TOTAL ACRES DISTURBED BY NEW ROAD CONSTRUCTION :			

Describe how new roads will be constructed: Light blading of the playa surface to remove rough vegetative obstructions (primarily grass) as necessary.

List for extension or widening of existing roads:

Description of Modification to <i>EXISTING</i> Roads	Length (ft.)	Width (ft.)	Total Acres (length x width x 0.0000229)
None except for possibility of grading rough spots on existing roads			0
TOTAL ACRES DISTURBED BY ROAD IMPROVEMENTS :			0

Describe how existing roads will be extended or widened: N/A

List for routes of overland travel:

Description of <i>OVERLAND TRAVEL</i> Routes	Length (ft.)	Width (ft.)	Total Acres (length x width x 0.0000229)
Cross country travel to the drill sites from where the existing 2 track roads end. Travel will be primarily on the playa surface. No impact is anticipated.	11,500	8	1.58
TOTAL ACRES DISTURBED BY OVERLAND TRAVEL :			1.58

G. Support Facilities

Describe (location and size) any support facility disturbances (equipment staging, equipment and material storage and/or lay down areas, vehicle parking, temporary housing and/or trailers) to be created or situated on the site during exploration operations.

None

H. **TOTAL ACREAGE TO BE DISTURBED BY PROJECT = 1.71 acres**
(include all disturbed acreage from drill pads, cuttings disposal pit, new roads, improved roads and overland travel routes)

SECTION 5 – CHEMICAL USE (§302.D.4)

A. Check any and all chemicals that will be used for this project.

<input checked="" type="checkbox"/> Drilling Mud (i.e., EZ Mud)	Type/Quantity:	<hr/>
<input checked="" type="checkbox"/> Diesel Fuel	Quantity:	<hr/>
<input type="checkbox"/> Down-hole Lubricants	Type/Quantity:	<hr/>
<input checked="" type="checkbox"/> Lost Circulation Materials	Type/Quantity:	<hr/>
<input checked="" type="checkbox"/> Oils/Grease	Quantity:	<hr/>
<input checked="" type="checkbox"/> Gasoline	Quantity:	<hr/>
<input checked="" type="checkbox"/> Hydraulic Fluid	Quantity:	<hr/>
<input type="checkbox"/> Ethylene Glycol	Quantity:	<hr/>
<input checked="" type="checkbox"/> Cement	Type/Quantity:	<hr/>
<input checked="" type="checkbox"/> Water	Source:	<hr/>
<input checked="" type="checkbox"/> Bentonite	Quantity:	<hr/>
<input type="checkbox"/> Fertilizer	Type/Quantity:	<hr/>
<input type="checkbox"/> Other	Type/Quantity:	<hr/>
		<hr/>
		<hr/>
		<hr/>

B. Describe, in detail, a plan for the containment, use and disposal of all chemicals listed above:

Chemicals will only be present in small amounts, will be stored in a safe area in leak and fire proof containers. Chemicals will be used as per manufactures instructions. No used oil or other fluids will be disposed of onsite.

C. Describe where equipment fueling/refueling will occur:

Refueling will occur onsite for the drill rig, water truck, and backhoe.

D. Describe how hazardous material spills/leaks will be handled:

Spill mats will be present on site, In the event of a spill contaminated soil will be removed and taken to an appropriate landfill or disposal facility.

E. Identify spill cleanup materials that will be kept on-site (check all that apply):

- Bentonite clay or cat litter
- Adsorbent pads, rolls, mats, socks, pillows, dikes, etc.
- Drum or barrel for containing contaminated soil/adsorbent materials

Other/list: _____

Other/list: _____

F. Applicant/owner/representative agrees to immediately notify the State of New Mexico immediately of any spills of hazardous materials (see page 1 of this application for phone numbers to notify): Yes No

SECTION 6 – GROUNDWATER/SURFACE WATER INFORMATION (§302.D.5)
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A. Provide an estimate of depth to ground water and the total dissolved solids (TDS) concentration.

Depth to groundwater (ft.): 150' ? _____ TDS concentration (mg/L): High > 10,000

Describe the source of this information: Well head sign that says salt water well not fit for human or livestock use at 150 feet was discovered in prospect area.

B. Will dewatering activities be conducted: Yes No

If yes, please describe: _____

C. Is groundwater anticipated to be encountered during exploration: Yes No

If YES:

Have you completed Form WR-07 (Application for permit to drill a well with no consumptive use of water) and mailed it to the District Office of the State Engineer? Yes

Have you completed Form WD-08 (Well plugging plan of operations) and mailed it to the District Office of the State Engineer? Yes

Attachment 2 and 3 (copies of the completed WR-07 and WD-08 forms)

D. Exploration Borehole Abandonment

Dry Boreholes

Dry hole abandonment (option 1): 100% bentonite pellets/chips (i.e. HOLEPLUG® manufactured by Baroid Industrial Products), dropped from surface then hydrated in place according to the manufacturer's recommendations, emplaced from total depth to within 12 feet of the original ground surface, followed by 10 feet of neat cement, followed by 2 feet of topsoil/topdressing.

Dry hole abandonment (option 2): Neat cement slurry, mixed according to the manufacturer's recommendations, emplaced with a tremie pipe from total depth to within 2 feet of the original ground surface, followed by 2 feet of topsoil/topdressing.

Dry hole abandonment (option 3): Cement + 6% bentonite slurry, mixed according to the manufacturer's recommendations, emplaced with a tremie pipe from total depth to within 2 feet of the original ground surface, followed by 2 feet of topsoil/topdressing.

Dry hole abandonment (option 4): High-density bentonite clay ($\geq 20\%$ active solids; i.e. QUIK-GROUT® manufactured by Baroid Industrial Products), mixed according to the manufacturer's recommendations, emplaced with a tremie pipe from total depth to within 12 feet of the original ground surface, followed by 10 feet of neat cement, followed by 2 feet of topsoil/topdressing.

Dry hole abandonment (option 5): Other materials / describe and justify use:

Wet Boreholes

Wet hole abandonment (option 1): Neat cement slurry, mixed according to the manufacturer's recommendations, emplaced with a tremie pipe from total depth to within 2 feet of the original ground surface, followed by 2 feet of topsoil/topdressing.

X Wet hole abandonment (option 2): High-density bentonite clay ($\geq 20\%$ active solids; i.e. QUIK-GROUT® manufactured by Baroid Industrial Products), mixed according to the manufacturer's recommendations, emplaced with a tremie pipe from total depth to within 12 feet of the original ground surface, followed by 10 feet of neat cement, followed by 2 feet of topsoil/topdressing.

Wet hole abandonment (option 3): Other sealing material approved by the Office of the State Engineer. Describe and include well plugging plan approval by the State Engineer:

Applicant agrees to contain any water produced from the exploration borehole at the drill site and acknowledges that discharge of this water to a watercourse may be a violation

of the Federal Clean Water Act: X Yes No

D. Is any drilling proposed to occur within the channel of any perennial, intermittent, or ephemeral streams? Yes X No

E. Is any drilling anticipated to occur within 100 feet of any perennial, intermittent, or ephemeral streams? Yes X No

SECTION 7 – RECLAMATION & OPERATION PLAN
(§302.D.6 AND 302.I.K)

A. Salvage/Preservation of Topsoil

Before any grading/blading or similar activities occur in relation to this project, operator agrees to salvage and preserve all topsoil and topdressing for use in future reclamation of this project Yes No

Describe how topsoil will be salvaged prior to initiation of exploration activities (check all that apply):

- N/A – no construction work will occur, therefore no soil salvage is needed.
- Excavated from drill pads and stored at each drill pad
- Excavated from road improvements/construction and stored adjacent to road
- Excavated from mud/fluid pits and storage at each pit
- Other, describe: No top soil is present, only dry lake playa sediments that does not support vegetation.

B. Erosion Control

Describe the best management practices that will be implemented to control erosion:

- Silt fencing Location: _____
- Straw wattles Location: _____
- Straw bales Location: _____
- Ditches/swales Location: _____
- Berms/dikes/dams Location: _____
- Sediment basins Location: _____
- Other or N/A Type/Location: No erosion is possible at drill locations because of flat topography

C. Wildlife Protection / Noxious Weed Prevention

Will the perimeter of drill pits be fenced to prevent wildlife entrapment? Yes No

Proposed pit perimeter fence material: Plastic fencing

Describe how the pit perimeter fencing will be installed and secured (i.e., T-posts, wooden stakes, etc.):

T- posts

Will at least one side of the interior of the drill pits be sloped at 3:1 as a ramp for wildlife escape? Yes No

If No, will another type of constructed escape ramp be installed? Describe:

Applicant/Owner/Operator commits to pressure-washing or steam-clean all equipment prior to entering the permit area: Yes No

D. Reclamation Details

Describe in general how re-contouring or re-establishment of the surface topography will be restored:

Drill sumps and sites will be flattened, otherwise No recontouring will be necessary.

Describe how the reclamation of portals, adits, drilling fluid/mud and/or waste pits, shafts, ponds, roads and other disturbances will be performed:

Water bars will be constructed as needed on bladed roads.

Mulch Use:

Certified weed-free straw mulch will be placed over areas that have been tilled/disc'd or ripped at a rate of 2 tons per acre, and will be crimped in place

X No mulch is proposed

E. Reclamation Timeline

Applicant/Owner/Operator commits to reclamation of the disturbed area as soon as possible following the completion or abandonment of the exploration operation, unless the disturbed area is included within a complete permit application for a new mining permit:

X Yes No

Anticipated Start of Reclamation:

X 0-30 days after completion of drilling

31-60 days after completion of drilling

Other/specify: _____

SECTION 8 – PERMIT FEES AND FINANCIAL ASSURANCE
(§302.I.2 AND 5)

A. Financial assurance must be posted with Mining and Minerals Division prior to approval of this application. The acceptable forms of financial assurance are surety bonds, letters of credit, and certificates of deposit. Provide an estimate of, and an instrument for, the proposed financial assurance required by Subpart 3.

- Surety Bond
- Letter of Credit
- X Cash Account / Certificate of Deposit

Estimated amount of financial assurance: \$10,917.00 (BLM formula used)

Or

Applicant will provide the amount of financial assurance calculated by MMD.

B. Attach the permit fees as determined pursuant to Subpart 2. The application fee for a minimal impact exploration permit is \$500.00.

- X Money Order/Cashier's Check
- Check

Check Number : Cashiers Check -

Financial Institution: Chase Bank

SECTION 9 – CERTIFICATION REQUIREMENT (§302.I.3 & 4)

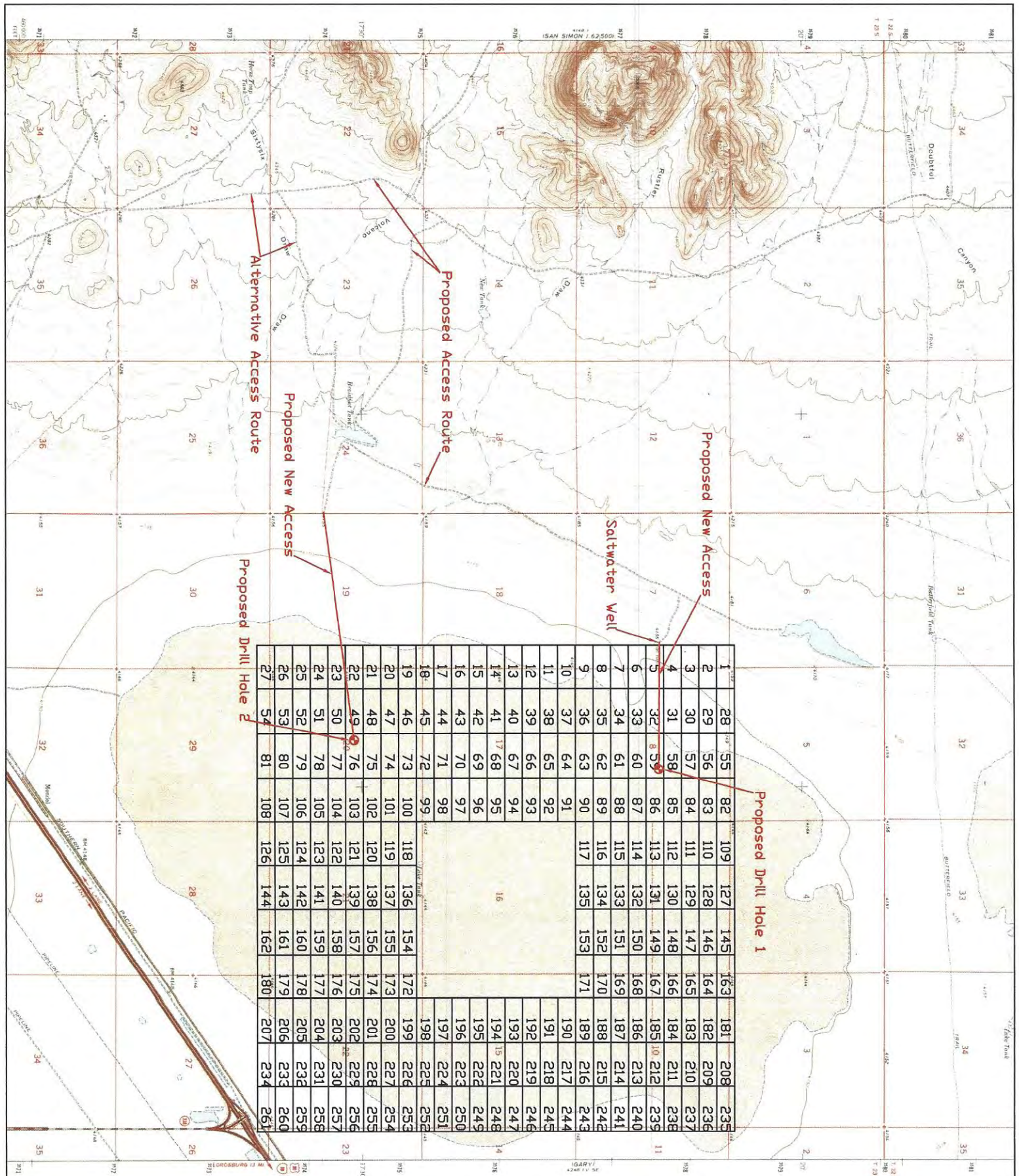
I certify that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals responsible for obtaining the information; I believe the submitted information is true, accurate, and complete. I agree to comply with the reclamation requirements set forth in this permit application and related correspondence, the New Mexico Mining Act and the Rules. Further, I certify that I am not in violation of any other obligation under the New Mexico Mining Act or the Rules adopted pursuant to that Act and I allow the Director to enter the permit area, without delay, for the purposes of conducting inspections during exploration and reclamation.

Signature of Permittee or Authorized Agent: Frank Bain - Electronic signature

Name (type or print): Frank Bain

Title/Position: Geologist - Project Manager

Date: September 27, 2017



1	28	55	82	109	127	145	163	181	208	235
2	29	56	83	110	128	146	164	182	209	236
3	30	57	84	111	129	147	165	183	210	237
4	31	58	85	112	130	148	166	184	211	238
5	32	59	86	113	131	149	167	185	212	239
6	33	60	87	114	132	150	168	186	213	240
7	34	61	88	115	133	151	169	187	214	241
8	35	62	89	116	134	152	170	188	215	242
9	36	63	90	117	135	153	171	189	216	243
10	37	64	91				190	217	244	
11	38	65	92				191	218	245	
12	39	66	93				192	219	246	
13	40	67	94				193	220	247	
14	41	68	95				194	221	248	
15	42	69	96				195	222	249	
16	43	70	97				196	223	250	
17	44	71	98				197	224	251	
18	45	72	99				198	225	252	
19	46	73	100	118	136	154	172	199	226	253
20	47	74	101	119	137	155	173	200	227	254
21	48	75	102	120	138	156	174	201	228	255
22	49	76	103	121	139	157	175	202	229	256
23	50	77	104	122	140	158	176	203	230	257
24	51	78	105	123	141	159	177	204	231	258
25	52	79	106	124	142	160	178	205	232	259
26	53	80	107	125	143	161	179	206	233	260
27	54	81	108	126	144	162	180	207	234	261

Proposed Drill Hole Location and Access Map
 LBP Claim Block
 T. 23 S, R. 20 W
 Hidalgo County, New Mexico
 Scale: 1" = 4,300'

Date:
 9-25-2017



File No.

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.

Temporary Request - Requested Start Date: **NOV. 1, 2017** Requested End Date:

Plugging Plan of Operations Submitted? Yes No

1. APPLICANT(S)

Name: LORDS BURG RESOURCES	Name:
Contact or Agent: FRANK BAIN check here if Agent <input type="checkbox"/>	Contact or Agent: check here if Agent <input type="checkbox"/>
Mailing Address: 2425 CHOF TRAIL	Mailing Address:
City: FLAG STAFF, AZ	City:
State: ARIZONA Zip Code: 86005	State: Zip Code:
Phone: 307-231-1404 <input type="checkbox"/> Home <input checked="" type="checkbox"/> Cell	Phone: <input type="checkbox"/> Home <input type="checkbox"/> Cell
Phone (Work): 307-231-1404	Phone (Work):
E-mail (optional): frankbain7@aol.com	E-mail (optional):

FOR OSE INTERNAL USE

Application for Permit, Form WR-07, Rev 11/17/16

File No.:	Trn. No.:	Receipt No.:
Trans Description (optional):		
Sub-Basin:	PCW/LOG Due Date:	

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)
 UTM (NAD83) (Meters)
 Lat/Long (WGS84) (to the nearest 1/10th of second)

NM West Zone
 Zone 12N
 NM East Zone
 Zone 13N
 NM Central Zone

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
LBP-1	695664	3577538	T23S, R 20W, SEC. 8
LBP-2	695664	3574519	T23S, R 20W, SEC. 20
			BOTH HOLES ARE LOCATED NEAR THE CENTER OF RESPECTIVE SECTION.

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: **BUREAU OF LAND MANAGEMENT**

Well Information: NOTE: If more than one (1) well needs to be described, provide attachment. Attached? Yes No
 If yes, how many _____ - **BOTH DRILL HOLES WILL BE THE SAME SPECIFICATIONS.**

Approximate depth of well (feet): **750 TO 1000'** Outside diameter of well casing (inches): **6"**

Driller Name: _____ Driller License Number: _____

NOT YET CONTRACTED

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

FOR OSE INTERNAL USE

Application for Permit, Form WR-07

File No.:	Trn No.:
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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.

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

II. GENERAL / WELL OWNERSHIP:

Existing Office of the State Engineer POD Number (Well Number) for well to be plugged: _____
Name of well owner: LORDS BURG RESOURCES
Mailing address: 2425 CHOF TRAIL
City: FLAGSTAFF, AZ State: ARIZONA Zip code: 86005
Phone number: 307-231-1404 E-mail: frankham7@aol.com

III. WELL DRILLER INFORMATION: DRILLING COMPANY NOT YET CONTRACTED

Well Driller contracted to provide plugging services: _____
New Mexico Well Driller License No.: _____ Expiration Date: _____

IV. WELL INFORMATION:

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

1) GPS Well Location: Latitude: _____ deg, _____ min, _____ sec
Longitude: _____ deg, _____ min, _____ sec, WGS84
 Check if seconds are decimal format.

2) Reason(s) for plugging well:

EXPLORATION WELL

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? YES If yes, provide additional detail, including analytical results and/or laboratory report(s):

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

6) Depth of the well: _____ feet

- 7) Inside diameter of innermost casing: _____ 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? _____
- 11) Was the well built with surface casing? YES 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? _____ If not, describe remaining equipment and intentions to remove prior to plugging in Section VII of this form.

V. DESCRIPTION OF PLANNED WELL PLUGGING:

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.

- 1) Describe the method by which cement grout shall be placed in the well, or describe requested plugging methodology proposed for the well:
- 2) Will well head be cut-off below land surface after plugging? _____

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

- 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: _____
- 4) Type of Cement proposed: _____
- 5) Proposed cement grout mix: _____ 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

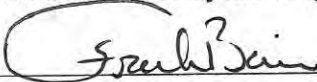
7) Grout additives requested, and percent by dry weight relative to cement:

8) Additional notes and calculations:

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

VIII. SIGNATURE:

I, FRANK BAIN, 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.



Signature of Applicant

09/26/2017

Date

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 _____ day of _____,

Tom Blaine P.E., New Mexico State Engineer

By: _____

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)	12' BELOW GROUND SURFACE		
Bottom of proposed sealant or grout placement (ft bgl)	T.D. OF DRILL HOLE		
Theoretical volume of sealant required per interval (gallons)			
Proposed abandonment sealant (manufacturer and trade name)	BARDON - QUICK GROUT		