



DEPARTMENT of ENVIRONMENT and NATURAL RESOURCES
 Minerals & Mining Program
 2050 West Main, Suite #1, Rapid City, SD 57702-2493
 Telephone: 605-773-4201, FAX: 605-394-5317

FORM 2

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APPLICATION FOR PERMIT TO DRILL

MINERALS & MINING PROGRAM

DEPT OF AGRICULTURE & NATURAL RESOURCES - RAPID CITY

Type of work: Drill New Well Reenter Well Drill Directional Well Other: Takeover orphaned well

Type of well: Oil Well Gas Well Injection Other: _____

Name and Address of Operator: Highwire Energy Partners, LLC - 7165 Nugget; Evansville, WY 82636 Telephone: 307-215-4074

Name and Address of Surface Owner: Gilbert Angus Ranch - PO Box 166; Buffalo, SD 57720

Name and Address of Drilling Contractor and Rig Number: Prairie Well Service; PO Box 94; Evansville, WY 82636

Surface Location of well: Qtr-Qtr, Sec, Twp, Rge, County, feet from nearest lines of section, and latitude and longitude (if available): NW/4NE/4 Sec. 27 T18N R4E 1632 FEL & 1231 FNL Harding County SD

If Directional, top of pay and bottom hole location from nearest lines of section:

Acres in Spacing (Drilling) Unit: 320 Description of Spacing Unit: N/2 Sec. 27 T18N R4E

Well Name and Number:	Elevation:	Field and Pool, or Wildcat:	Proposed Depth and Formation:
State 2-27	3028.2	Faulkner Creek	2200 Eagle/Shannon

Size of Hole:	Size of Casing:	Weight per Foot:	Depth:	Cementing Program (amount, type, yield, additives)	Top of Cement:
1) 9 7/8	7	17	430	200 SKS g 2% CaC12	Surf
2)				.25 #/SK celoflake, 100% excess	2200
3) 6 1/4	4 1/2"	10.5#	2200'	105SKS, lite 1500 2%CaCl .25	to
4)				125 sks G 1%CaCl, .7%CDFL, .25#/sk	Surf

Describe Proposed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). Use additional page(s) if appropriate.

Reenter well to return to production

Pit Liner Specifications:

I hereby certify that the foregoing as to any work or operation performed is a true and correct report of such work or operation.

Signature: [Signature] Will Reese Name (Print) Manager Title Date: 6/21/2021

FOR OFFICE USE ONLY

Approved By: [Signature] Title: ADMINISTRATOR, MINERALS & MINING PROG

Permit No.: 2101 API No.: 40 063 20694.01 Date Issued: 2-11-22

Conditions, if any, on attached page. SEE ATTACHED



DEPARTMENT of AGRICULTURE and NATURAL RESOURCES

JOE FOSS BUILDING
523 E CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

PERMIT CONDITIONS

Highwire: State 2-27
18N-4E-27 NWNE, Harding County

Permit: 2101
API: 40 063 20694.01

Approval has been granted to reenter and operate the existing well at this location as detailed on the attached Application for Permit to Drill (Form #2) with the following additional conditions:

1. This permit is conditioned on compliance with all applicable requirements of South Dakota Codified Laws 45-9, Administrative Rules of South Dakota 74-12, and all applicable Board of Minerals and Environment order.
2. The operator assumes plugging and reclamation liability for the existing well in accordance with Administrative Rules of South Dakota 74:12:03:05.
3. If activity does not commence within one year from the issuance date, this permit will expire. Permit expiration or cancellation does not alleviate plugging liability.
4. A 12-mil woven, reinforced high-density polyethylene liner must be used on all pits.
5. Surface runoff must be diverted around the well site.
6. A cement bond log must be run and filed with department before production may begin.
7. If abandoned, a plugging plan must be submitted to the department for review and approval. The plugging plan should address all requirements found in Administrative Rules of South Dakota 74:12:03.
 - A. If production casing is left in the wellbore, a mechanical integrity test must be conducted to verify the integrity of the casing as required by rule 74:12:03:02(4)(b)(ii).
 - B. The casing string must be cut off at least three feet below the final ground surface contour. A plate with the name of the operator, well name and number, and legal location by quarter-quarter section, township and range must be welded to the casing stub. The location of the abandoned well must be surveyed with high resolution global positioning system equipment or other appropriate survey methods sufficient to accurately locate the well. Survey coordinates must be included in the final abandonment report.
8. Surface reclamation of the site must be completed within one year of plugging and abandoning the well.
9. Please notify this office at least 72 hours prior to plugging or MIT so a witness can be on location. If plugging or MIT will occur after regular business hours, call Jeff Klenner at (605) 773-4201.