



FORM NO. 22 R 10/09      SUBMIT IN QUADRUPLICATE TO:      ARM 36.22.307  
 ARM 36.22.601

**MONTANA BOARD OF OIL AND GAS CONSERVATION**  
**2535 ST. JOHNS AVENUE, BILLINGS, MONTANA 59102**

Lease Name:  
**Inez**

Lease Type (Private/State/Federal):  
**Private**

Application for Permit To:

Drill       Deepen       Re-enter   
 Oil       Gas       Other

Well Number:  
**1**

Operator: **Hereford Resources, LLC.**  
 Address: **PO Box 683**  
 City: **Chester**      State: **MT**      Zip: **59522**  
 Telephone Number:

Field Name or Wildcat:  
**Rudyard**

Unit Name (if applicable):

Surface Location of Well (quarter-quarter and footage measurements):  
**SW 1 /4 SW 1 /4, 33N 9E Section 11**  
**990' FSL x 990'FWL**

Objective Formation(s):  
**Souris River, Red River**

Proposed Total Depth and Bottom-hole Location(s) if directional or horizontal well:  
**Vertical Well 6500' TVD**

Township, Range, and Section:  
**33N 9E Section 11**

County:  
**Hill**

Elevation (indicate GL or KB):  
**3059'**

Size and description of drilling/spacing unit and applicable order, if any:	Formation at total depth:	Anticipated Spud Date:
<b>640 Statewide Spacing</b>	<b>Pre Cambrian</b>	<b>May 22, 2025</b>

Hole Size	Casing Size	Weight / Foot	Grade (API)	Depth	Sacks of Cement	Type of Cement
12 1/4	8.625	24	J55	625'	260	Class C
7.875	5.5	17	J55	6,500'	650	Class G

Describe Proposed Operations:  
 Describe or attach labeled diagram of blowout preventer equipment. Indicate if air drilled or describe mud program.  
**See Attached Drilling Diagram.**

**BOARD USE ONLY**

Approved (date) **JUN 09 2025**      Permit Fee **\$75<sup>00</sup>**  
 By **Benjamin J Davis**      Check Number **7325**  
 Title **Technical Program Coordinator**      Permit Expires **DEC 09 2025**  
 Permit Number **33040**

The undersigned hereby certifies that the information contained on this application is true and correct:  
 Signed (Agent) **[Signature]**  
 Title **OWNER**  
 Date **4/23/2025**  
 Telephone Number **206 940-2326**

THIS PERMIT IS SUBJECT TO THE CONDITIONS OF APPROVAL STATED ON THE BACK

API Number: 25 - **041** - **23552**

Samples Required:      NONE       ALL \_\_\_\_\_ FROM \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Core chips to address below, full cores to USGS, Core Laboratory, Arvada, CO. Required samples must be **washed, dried** and delivered prepaid to:  
 Montana Board of Oil and Gas Conservation  
 2535 St. Johns Avenue  
 Billings, MT 59102

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**SUPPLEMENTAL INFORMATION**

MONTANA BOARD OF OIL & GAS CONSERVATION • BILLINGS

Note: Additional information or attachments may be required by Rule or by special request.

1. Attach a survey plat certified by a registered surveyor. The survey plat must show the location of the well with reference to the nearest lines of an established public survey.
2. Attach an 8 1/2 x 11" photocopy of that portion of a topographic map showing the well location, the access route from county or other established roads, residences, and water wells within a 1/2 mile radius of the well.
3. Attach a sketch of the well site showing the dimensions and orientation of the site, the size and location of pits, topsoil stockpile, and the estimated cut/fill at the corners and centerstake. (Note: the diagram need not be done by an engineer or surveyor). Attach a sketch of a top view and two side views of the reserve pit(s), if utilized. The reserve pit sketch must show the length, width, depth, cut and fill, amount of freeboard, area of topsoil stockpile, and the height and width of berms.
4. Describe the type and amount of material or liner, if any, to be used to seal the reserve pit. If a synthetic liner is used, indicate the liner thickness (mils), bursting strength, tensile strength, tear strength, puncture resistance, hydrostatic resistance, or attach the manufacturer's specifications.
5. Describe the proposed plan for the treatment and/or the disposal of reserve pit fluids and solids after the well is drilled. If the operator intends to dispose of or treat the reserve pit contents off-site, specify the location and the method of waste treatment and disposal. (Note: The operator must comply with all applicable federal, state, county, and local laws and regulations with regard to the handling, transportation, treatment, and disposal of solid wastes.)
6. Does construction of the access road or location, or some other aspect of the drilling operation require additional federal, state, or local permits or authorizations? If yes, indicate the type of permit or authorization required:
  - No additional permits needed
  - 310 Permit (apply through county conservation district)
  - Air quality permit (apply through Montana Department of Environmental Quality)
  - Water discharge permit (apply through Montana Department of Environmental Quality)
  - Water use permit (apply through Montana Department of Natural Resources and Conservation)
  - Solid waste disposal permit (apply through Montana Department of Environmental Quality)
  - State lands drilling authorization (apply through Montana Department of Natural Resources and Conservation)
  - Federal drilling permit (specify agency)
  - Other federal, state, county, or local permit or authorization: (specify type) \_\_\_\_\_

**NOTICES:**

1. Date and time of spudding must be reported to the Board verbally or in writing within 72 hours after the commencement of drilling operations.
2. The operator must give notice of drilling operations to the surface owner as required by Section 82-10-503, MCA, before the commencement of any surface activity.

**BOARD USE ONLY**

**CONDITIONS OF APPROVAL**

The operator must comply with the following condition(s) of approval:

**SEE ATTACHED  
CONDITIONS OF APPROVAL**

**WARNING: Failure to comply with conditions of approval may void this permit.**

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Hereford Resources, LLC  
Drilling and Completions  
Prognosis Inez #1

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### **Mud Program**

Surface: FW spud mud 0'-625' 8.3-8.5 ppg  
Production: FW-based gyp/lime 625'-6500' 9.5-10.5 ppg

### **Cement Program**

Surface: Cement to surface with ~255 sx Class C cement (14 ppg)  
Production: Cement to surface with ~300 sx Class G lead (11.5 ppg),  
~350 sx Class G tall (13.5 ppg)

### **Estimated Target Interval Tops**

Nisku – 4,460'  
Souris River – 5,095'  
Red River – 5,245'  
Cambrian – 5,300'

### **Formation Evaluation/Logging Program**

Mudlogger 3,200' – 6,500'  
Triple Combo -OH 3,200' – 6,500'  
CBL/GR 0' – 6,500'

### **Drilling Plan**

*Construct cellar*, drill 12.25" surface hole to 625' with FW spud mud. Run/cement 625' 8.625" J55 LTC. Drill 7.875" production hole to 6,500' with FW-based gyp/lime mud. Run/cement 6,500' 5.5" J55 LTC.

Drilling rig to use lined earthen pit to contain drill cuttings. After drilling completed, residual water in pit will be allowed to evaporate before cuttings and liner buried on site.

### **Completion**

After evaluating open hole logs and correlating to cased hole logs, well will be perforated with 4 SPF guns. If well determined to be non-commercial, P&A process will commence following MBOGC guidelines.

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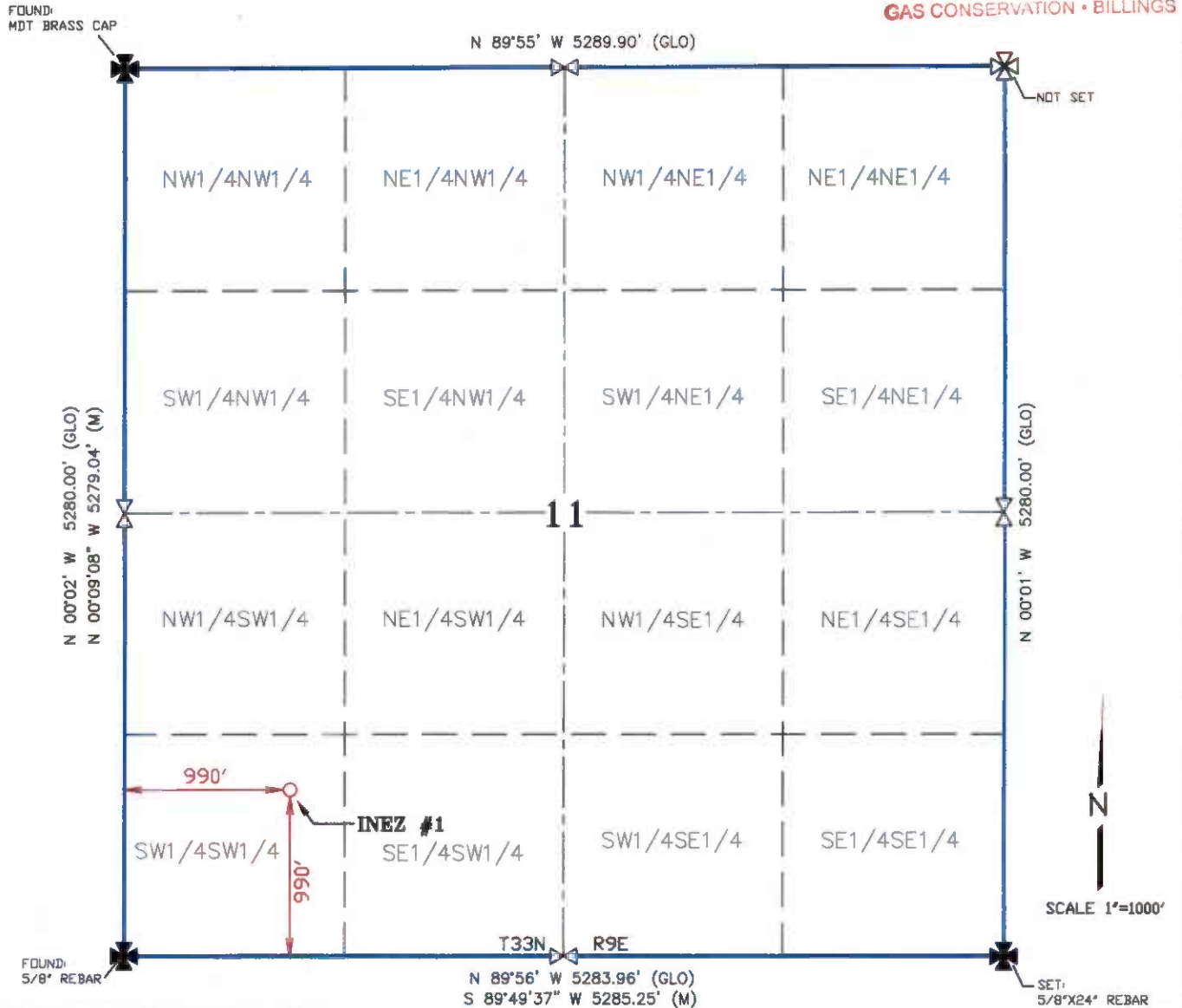
# WELL LOCATION

INEZ #1  
 SW1/4SW1/4 SECTION 11, T33N, R9E, P.M.M.  
 HILL COUNTY, MONTANA  
 990' FSL X 990' FWL  
 ELEVATION BEFORE GRADING: 3059' (NAVD 29)

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ELEVATION BEFORE GRADING: 3059'  
 BASIS - NAVD 29

GEOGRAPHIC COORDINATES OF SURFACE LOCATION:  
 48°37'37.72" N 110°31'40.94" W (NAD 83 BASIS)

BASE POSITION FOR GEOGRAPHIC COORDINATES:  
 48°37'27.50" N 110°32'44.72" W (NAD 83 BASIS)  
 (BEACON DERIVED - SUB METER ACCURACY)

LOCAL GRID CENTER POSITION:  
 48°32'27.92" N 110°31'55.65" W (NAD 83 BASIS)

LAND USE: CULTIVATION

NO ATTEMPT HAS BEEN MADE BY THE SURVEYOR TO LOCATE UNDERGROUND STRUCTURES OR BURIED UTILITIES, AND APPROPRIATE AGENCIES AND SURFACE LANDOWNERS MUST BE CONTACTED FOR FIELD LOCATION OF ANY UNDERGROUND STRUCTURES OR BURIED UTILITIES BEFORE ANY CONSTRUCTION COMMENCES. CALL 1-800-424-5555 BEFORE ANY CONSTRUCTION COMMENCES.

NOTE: SUBDIVISION LINES AND GOVERNMENT LOT BOUNDARIES ARE SHOWN FOR DEPICTIVE PURPOSES ONLY AND SHOULD NOT BE USED FOR SCALING OR LOCATION PURPOSES.

ON THE BASIS OF MY KNOWLEDGE, INFORMATION AND BELIEF, I CERTIFY THAT AS A RESULT OF A SURVEY MADE ON THE GROUND TO THE NORMAL STANDARD OF CARE OF PROFESSIONAL LAND SURVEYORS PRACTICING IN THE STATE OF MONTANA, I FIND THE LOCATION OF THE INEZ #1 AS SHOWN ON THE SUBJOINED DRAWING.

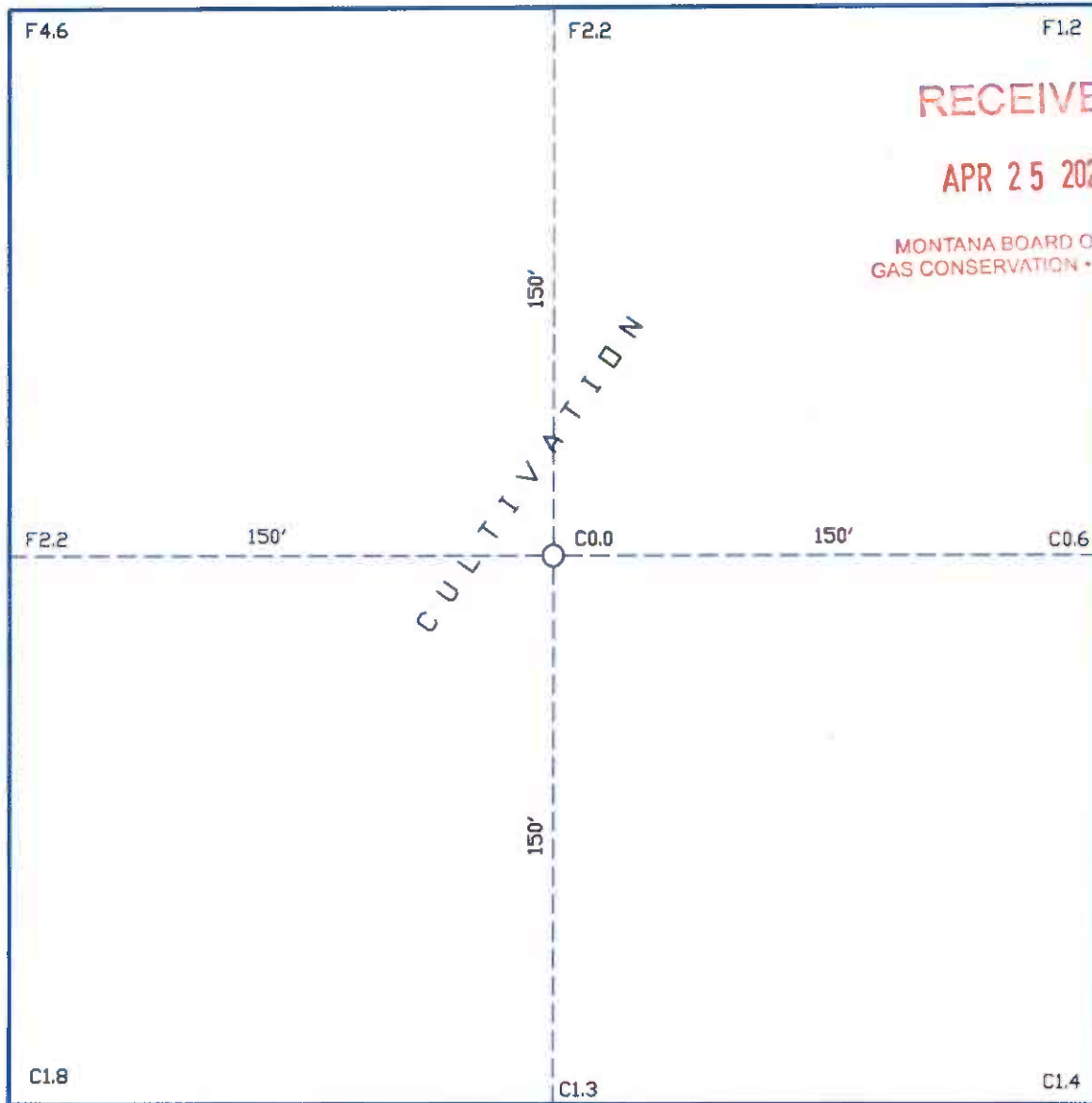
JOHN M. CICON  
 4039 LS  
 1499 CEEDS

REQUESTED BY: HEREFORD RESOURCES, LLC P.O. BOX 683 CHESTER, MONTANA 59522	SCALE 1"=1000'
INEZ #1 SW1/4SW1/4 SECTION 11, T33N, R9E, P.M.M.	04-07-2025
CICON AND ASSOCIATES BOX 541 CHESTER, MONTANA 59522	JOB NO. 25-006
DRAWING NO. 25006HEREFORD.DWG	PAGE 1 OF 4

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# RIG PAD SITE

INEZ #1  
SW1/4SW1/4 SECTION 11, T33N, R9E, P.M.M.  
HILL COUNTY, MONTANA



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### GENERAL CUTS AND FILLS OF PROPOSED RIG PAD

ELEVATION OF LOCATION BEFORE GRADING: 3059'  
BASIS OF ELEVATIONS: NAVD 29

**NOTE:**

CUTS AND FILLS NOTED ARE FOR PURPOSES OF DESCRIBING  
THE GENERAL TOPOGRAPHY OF THE PROPOSED RIG PAD AND  
ARE NOT INTENDED FOR CALCULATION OF DIRTWORK QUANTITIES  
OR OTHER CALCULATIONS.



SCALE 1" = 50'  
LAND USE: CULTIVATION

REQUESTED BY: HEREFORD RESOURCES, LLC P.O. BOX 683 CHESTER, MONTANA 59522	SCALE 1"=50'
INEZ #1 SW1/4SW1/4 SECTION 11, T33N, R9E, P.M.M.	04-07-2025
<b>CICON AND ASSOCIATES</b> BOX 541 CHESTER, MONTANA 59522	JOB NO. 25-006
	PAGE 2 OF 4

DRAWING NO. 25006CON.DWG

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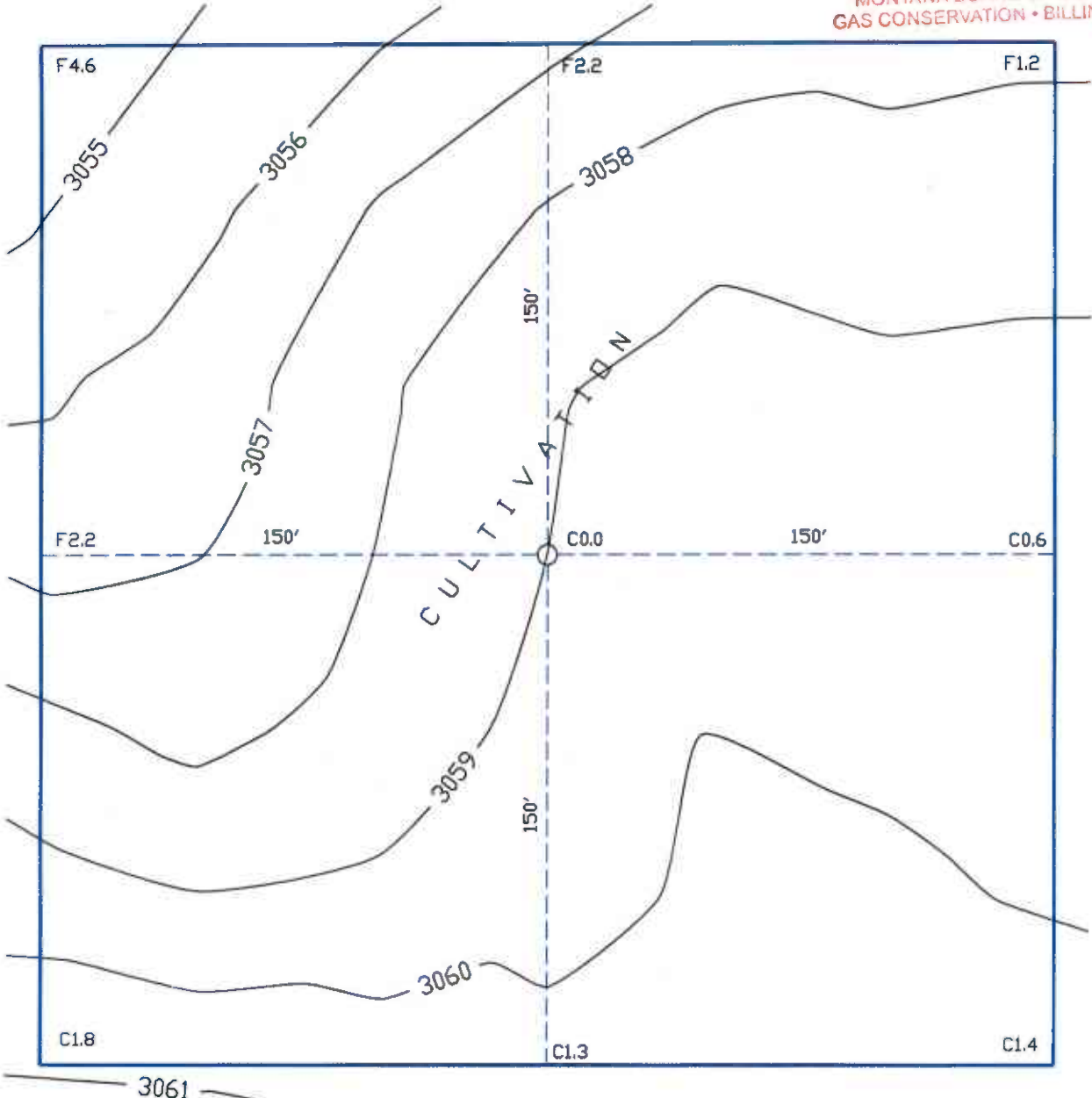
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# RIG PAD SITE

INEZ #1  
SW1/4SW1/4 SECTION 11, T33N, R9E, P.M.M.  
HILL COUNTY, MONTANA



3061

### GENERAL CUTS AND FILLS OF PROPOSED RIG PAD


ELEVATION OF LOCATION BEFORE GRADING: 3059'  
BASIS OF ELEVATIONS: NAVD 29

NOTE:  
CUTS AND FILLS NOTED ARE FOR PURPOSES OF DESCRIBING  
THE GENERAL TOPOGRAPHY OF THE PROPOSED RIG PAD AND  
ARE NOT INTENDED FOR CALCULATION OF DIRTWORK QUANTITIES  
OR OTHER CALCULATIONS.



SCALE 1" = 50'

LAND USE: CULTIVATION

REQUESTED BY: HEREFORD RESOURCES, LLC P.O. BOX 683 CHESTER, MONTANA 59522	SCALE 1"=50'
INEZ #1 SW1/4SW1/4 SECTION 11, T33N, R9E, P.M.M.	04-07-2025
 <b>CICON AND ASSOCIATES</b> BOX 541 CHESTER, MONTANA 59522	JOB NO. 25-006
	PAGE 3 OF 4

DRAWING NO. 25006CONTOPD.DWG

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# PROPOSED ACCESS TO WELL SITE

INEZ #1  
SW1/4SW1/4 SECTION 11, T33N, R9E, P.M.M.  
HILL COUNTY, MONTANA

ROAD 50 NORTH

RUDYARD



SCALE 1" = 2000'

ROAD 40 NORTH

RUDYARD ROAD NORTH  
(NORTH RUDYARD HIGHWAY)

INEZ #1 WELL SITE  
(990' FSL X 990' FWL)

NEW ACCESS TRAIL

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
ROAD 30 NORTH

REQUESTED BY: HEREFORD RESOURCES, LLC  
P.O. BOX 683  
CHESTER, MONTANA 59522

SCALE 1"=2000'

INEZ #1  
SW1/4SW1/4 SECTION 11, T33N, R9E, P.M.M.

04-07-2025

 CICON AND ASSOCIATES  
BOX 541  
CHESTER, MONTANA 59522

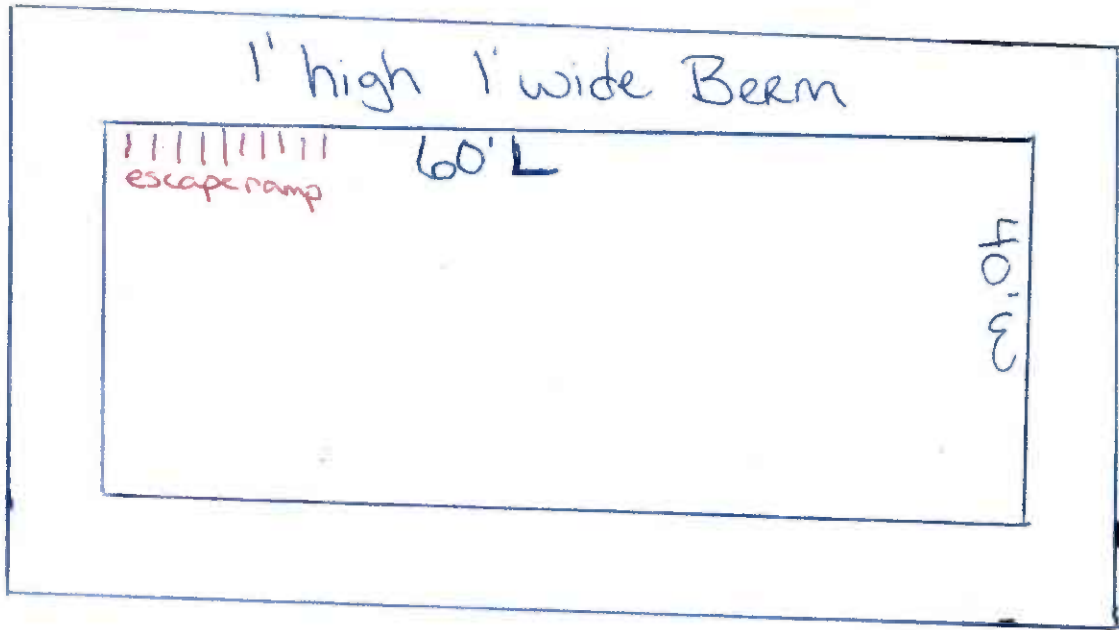
JOB NO. 25-006

DRAWING NO. 25006TDPD.DWG

PAGE 4 OF 4

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# Pit Top View



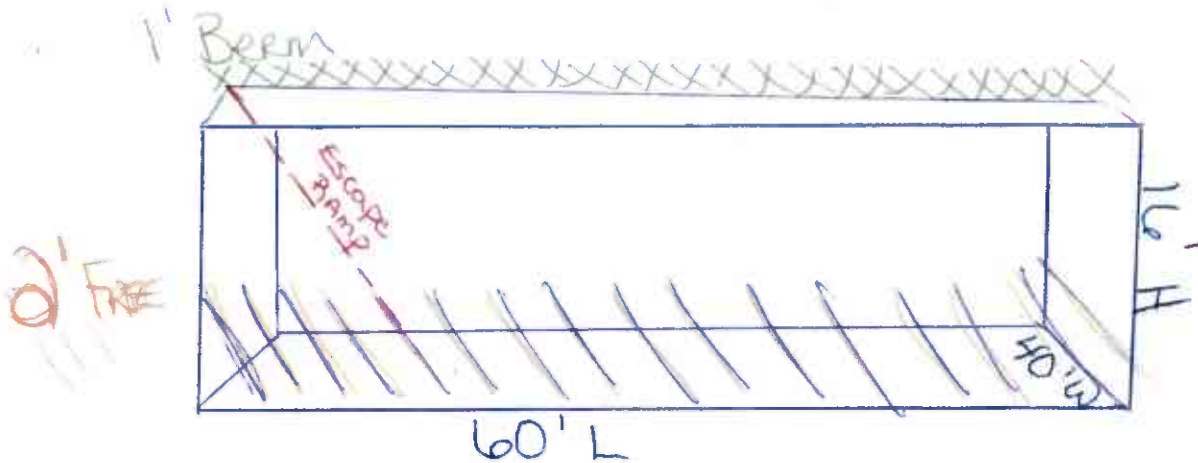
Pit will be lined

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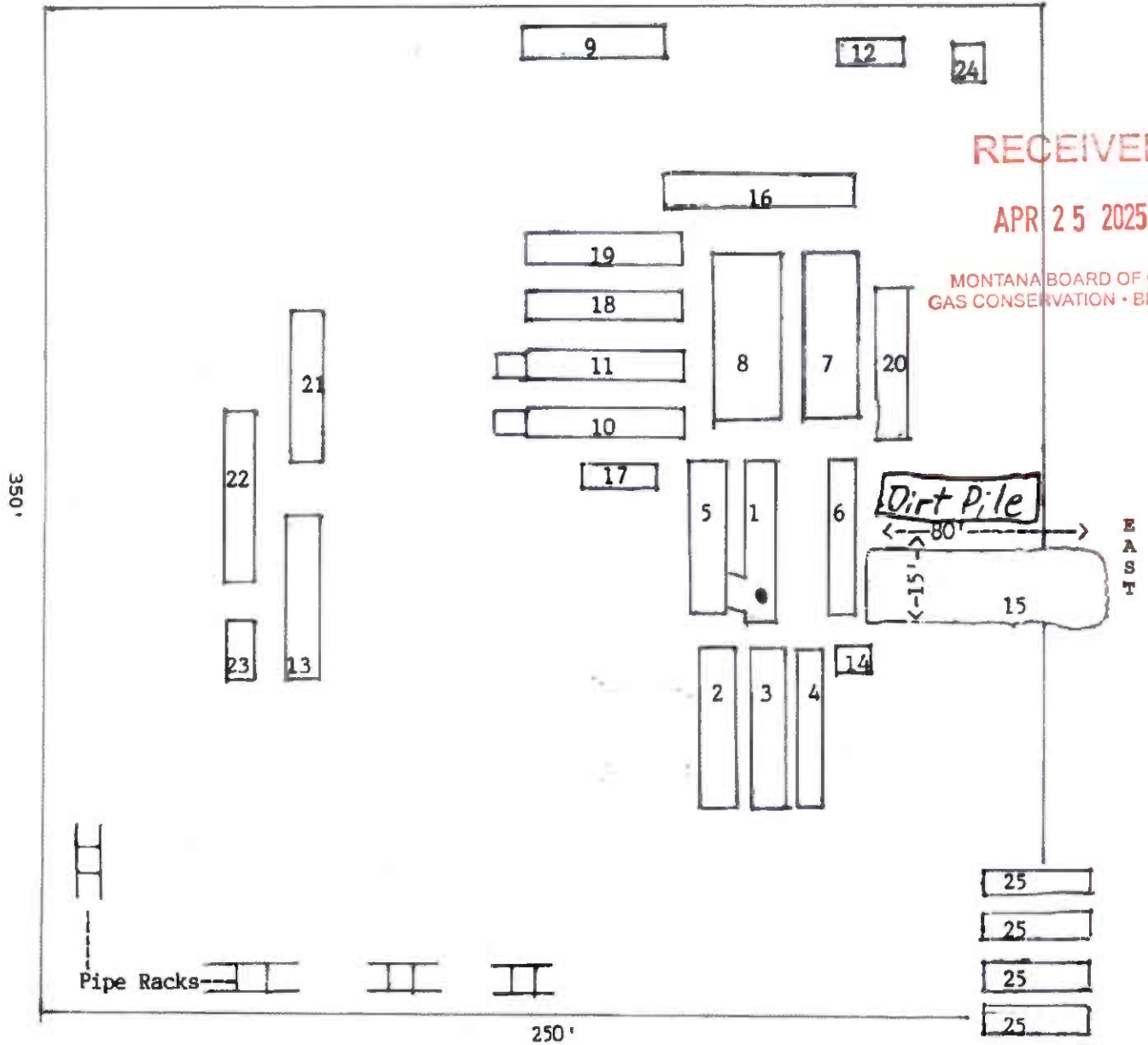
# Pit side View



will also be lined

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NORTH



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350'

EAST

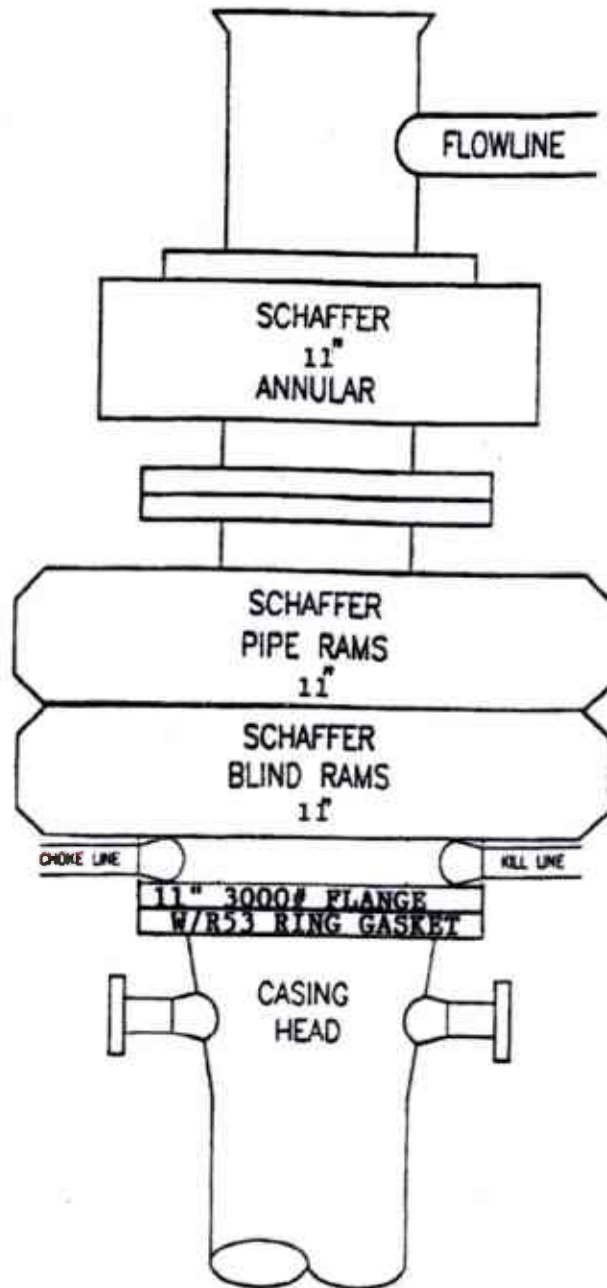
250'

Treasure State Drilling, LLC

Rig #5 Drilling Pad

- 1. Substructure & Rig 5
- 2. Pipe Tub w/Casing Racks
- 3. Collar Tub
- 4. Collar Tub/Pipe Tub
- 5. Doghouse/Water Tank
- 6. Mud Tank #1
- 7. Mud Pump #1
- 8. Mud Pump #2
- 9. Mud Trailer
- 10. Generators, Accum.,/ Fuel Tanks
- 11. Generator #2
- 12. Trash Cage
- 13. Accum. Trailer-TSD
- 14. BOP Valve Shack-Chock Manifold
- 15. Reserve Pit
- 16. Boiler
- 17. Air Heater
- 18. Hydraulic Power Unit/ Parts House
- 19. Tool House
- 20. Premix Mud Tank
- 21. Mud Logger Trailer
- 22. Directional Trailer
- 23. Sewage System
- 24. Portable Toilets
- 25. Drill Pipe Tubs

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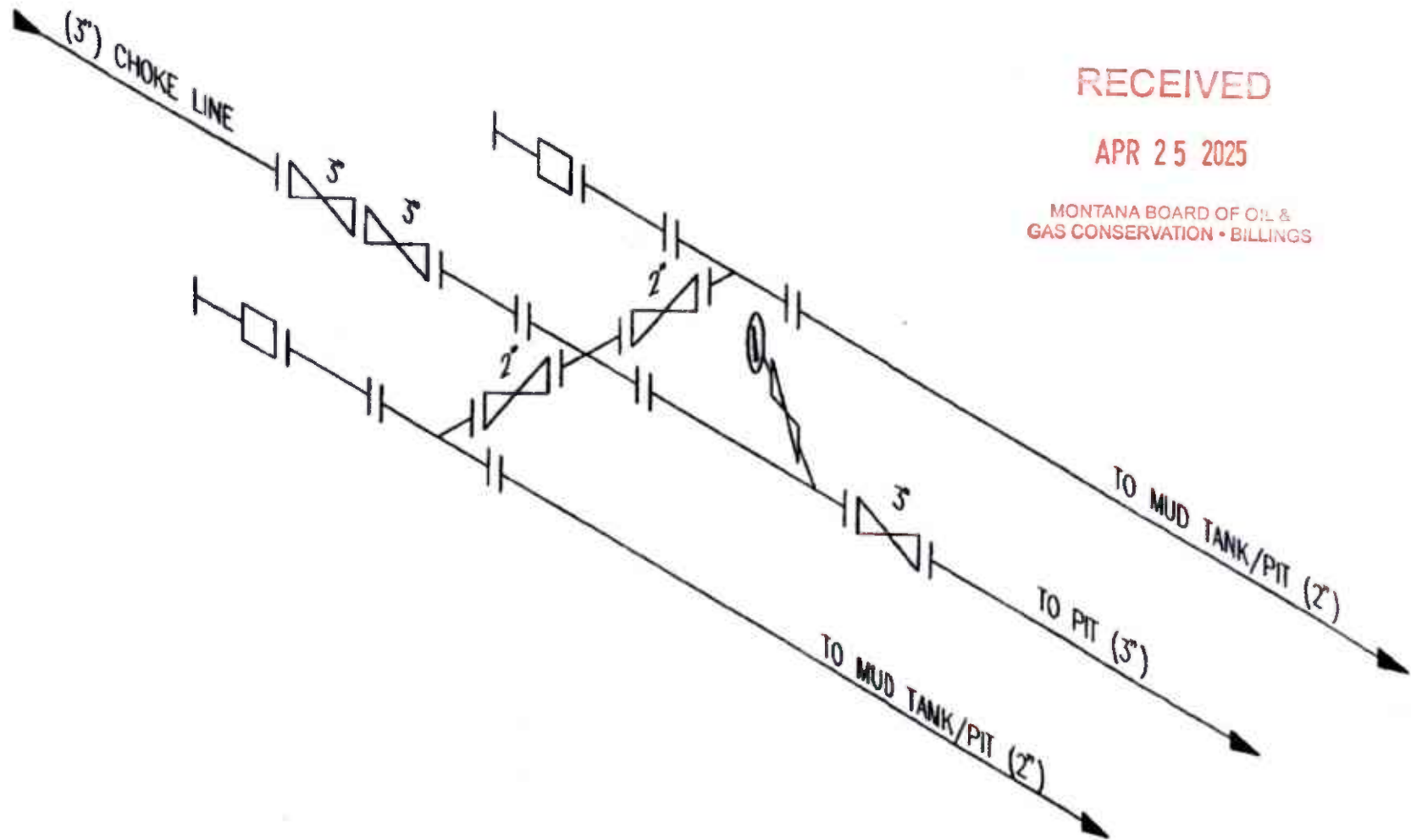
3M  
BLOWOUT PREVENTER  
EQUIPMENT

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3 M  
CHOKE MANIFOLD EQUIPMENT  
SKID MOUNTED  
ENCLOSED IN STEEL BUILDING

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# MONTANA BOARD OF OIL AND GAS ATTACHMENT TO APD “CONDITIONS OF APPROVAL”

**A. Location is in groundwater protection area. Pit might need to be lined and berm constructed on Coulee side of location. Contact Shea Sizemore (406-434-2422) after location and pit construction for recommendations.**

**B.** If gravel, sand or coal is encountered while constructing the reserve/cuttings pit the following must be done:

1. Contact BOGC field inspector for recommendations.
2. If rathole and mousehole encounter gravel. Rathole and mousehole must have a steel liner cemented in, notify field inspector.

**C. If an operator wants to modify the approved surface casing depth, a Form Number 2 must be submitted requesting the change prior to setting surface casing on the well.**

## **D. 36.22.1005 DRILLING WASTE DISPOSAL AND SURFACE RESTORATION**

(1) The operator of a drilling well must contain and dispose of all solid waste and produced fluids that accumulate during drilling operations so as not to degrade surface water, groundwater, or cause harm to soils. Said waste and fluids must be disposed of in accordance with all applicable local, state and federal laws and regulations.

(2) When a salt-based or oil-based drilling fluid is used to drill a well located within a floodplain, as defined by ARM 36.15.101, or in irrigated cropland, drilling waste and produced fluids that accumulate during drilling operations must be disposed of off-site in a manner allowed by local, state, and federal laws and regulations unless an alternative on-site disposal method is approved in writing by the board administrator.

(3) The operator of a drilling well must construct, close, and restore any reserve pits in a manner that will prevent harm to the soil and will not degrade surface waters or groundwater. When a salt-based or oil-based drilling fluid is used, the reserve pit must be lined with a synthetic liner approved by the board administrator.

(4) **Within 10 days after the cessation of drilling or completion operations, all hydrocarbons must be removed from earthen pits used in association with drilling or completion operations or such pits must be fenced, screened, and netted. Such pits that contain water with more than 15,000 parts per million total dissolved solids or salt-based drilling fluids must be fenced within 90 days after the cessation of drilling and completion operations.**

(5) Earthen pits used in association with drilling and completion operations must not be used for the disposal of any additional fluids or materials after the cessation of drilling and completion operations.

(6) **All earthen pits used in association with drilling and completion operations must be closed and the surface restored according to board specifications within one year after the cessation of drilling operations.** Upon written application by the operator, an exception to the one-year pit closure requirement may be granted in writing by the board administrator upon a showing that:

(a) no dumping or disposal of waste or fluids in the pit will occur; and

(b) delayed closure of the pit will not present a risk of contamination to soils or water or a hazard to animals or persons. .

History: Sec. 82-11-111, MCA; IMP, Sec. 82-11-123 and Sec. 82-11-124, MCA; Eff. 12/31/72; AMD, Eff. 7/5/75; AMD, 1992 MAR p. 654, Eff. 4/1/92

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Not Hereford

Published in Helena Independent Record on May 29, 2025

**Location**

Lewis and Clark County, Montana

to draft and submit your legal notices, check out our [Help](#)

**Notice Text**

Inez #1 Intention to Drill

**NOTICE OF INTENTION TO APPLY FOR PERMIT TO DRILL OIL AND GAS WELL**

BEFORE THE BOARD OF OIL AND GAS CONSERVATION OF THE STATE OF MONTANA

In the Matter of the application of

**Hereford Resources, LLC**

For a Permit to Drill an oil and gas well

Name and address of Applicant

**Hereford Resources, LLC**

**P.O. Box 683**

**Chester, MT 59522**

Legal Description Including County and Approximate Footages of Surface Location of Proposed Oil and Gas Well: (and projected bottom-hole location, if a directional or horizontal well)



SW/4SW/4 Section 11-T33N-R9E, 990 FSL 990 FWL, Hill County, MT

Total Depth of Proposed to be Drilled

**6,500**

Notice is hereby given that an application for permit to drill an oil and gas well at the surface location set forth above to the depth stated will be filed with the Montana Board of Oil and Gas Conservation. Pursuant to Rules 36.22.601 and 36.22.604 Administrative Rules of Montana, an interested party may demand an opportunity to be heard by the Montana Board of Oil and Gas Conservation concerning the application. SUCH DEMAND FOR HEARING MUST BE RECEIVED BY THE MONTANA BOARD OF OIL AND GAS CONSERVATION AT THE ADDRESS SET FORTH BELOW NO LATER THAN TEN (10) DAYS AFTER THE DATE OF PUBLICATION OF THIS NOTICE, OR THE APPLICATION WILL BE ACTED UPON BY THE BOARD'S PETROLEUM ENGINEER WITHOUT HEARING. A DEMAND MUST: (1) SET FORTH THE

OF THE STATE OF MONTANA In t  
ill an oil and gas well 1. Name and a  
22 1. Legal Description Including Co  
Gas Well: (and projected bottom-ho  
R9E, 990' FSL 990' FWL, Hill County,  
that an application for permit to dril  
tated will be filed with the Montana  
2.604 Administrative Rules of Monta

2025-05-29

+ Place Notice

0 4 1 2 3 5 5 2 1/2

NAME, ADDRESS AND TELEPHONE NUMBER OF EACH INTERESTED PARTY, THEIR OWNERSHIP INTEREST IN THE LANDS SURROUNDING THE PROPOSED WELL, AND THE REASONS WHY A HEARING IS SOUGHT; (2) BE SERVED UPON THE APPLICANT BY COPY MAILED OR FAX TRANSMITTED TO THE ADDRESS SET FORTH ABOVE; AND (3) A CERTIFICATE OF SERVICE MUST ACCOMPANY THE DEMAND AS FILED WITH THE BOARD.

Montana Board of Oil and Gas Conservation  
2535 St. Johns Avenue  
Billings, MT 59102  
Office: (406) 656-0040  
Fax: (406) 652-5305  
May 29, 2025 COL-MT-201224 **MNAXLP**

## CHECKLIST ENVIRONMENTAL ASSESSMENT

**Proposed Action:** Approve Drilling Permit (Form 22)

**Project/Well Name:** Inez 1

**Operator:** Hereford Resources, LLC

**Location:** T33N R9E Section 11

**County:** Hill County, MT

**Field (or Wildcat):** Wildcat

**Proposed Project Date:** 6/12/2025

### I. DESCRIPTION OF ACTION

Treasure State Drilling rig #5 drill to 6,500' depth.

### II. PROJECT DEVELOPMENT

#### 1. PUBLIC INVOLVEMENT, AGENCIES, GROUPS, OR INDIVIDUALS CONTACTED

Montana Bureau of Mines and Geology, GWIC website (Rosebud County Wells).

US Fish and Wildlife, Region 6 website

ENDANGERED, THREATENED, PROPOSED AND CANDIDATE SPECIES MONTANA COUNTIES, Hill County, MT

Montana Natural Heritage Program Website (FWP)

Heritage State Rank= S1, S2, S3, T33N R9E

Montana Cadastral Website

Surface Ownership and surface use Section 11 T33N R9E

Montana Department of Natural Resources MEPA Submittal

Montana Sage Grouse Habitat Conservation Program

USDA Web Soil Survey Map Website

#### 2. ALTERNATIVES CONSIDERED

No Action Alternative: Permit to drill the well would not be issued by BOGC.

Action Alternative: Hereford Resources, LLC permit to drill would be referred to the BOGC for further environmental review.

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### III. IMPACTS ON THE PHYSICAL ENVIRONMENT

#### 3. AIR QUALITY

Long drilling time: No, 10-20 days.  
Unusually deep drilling (high horsepower rig): No

Possible H2S gas production: Slight, low concentrations  
In/near Class I air quality area: No.  
Air quality permit for flaring/venting (if productive): Yes, DEQ air quality permit required under 75-2-211. AQB review.

Comments: No special concerns – Treasure State Drilling rig #5 drill to 6,500' depth.  
If there are no gas gathering systems nearby, associated gas can be flared under Board Rule 36.22.1220.

#### 4. WATER QUALITY

Salt/oil based mud: Surface casing hole will be drilled with freshwater and freshwater mud system, Rule 36.22.1001

High water table: No.

Surface drainage leads to live water: Drainage is an oil ephemeral drainage about 100' to the West that has a confluence with O'Brien Coulee to the north 1.5 miles.

Water well contamination: No water well within ½ miles of location.

Porous/permeable soils: Fine Loam.

Class I stream drainage: None.

Groundwater vulnerability area: No.

Mitigation:

- Lined reserve pit
- Adequate surface casing
- Berms/dykes, re-routed drainage
- Closed mud system
- Off-site disposal of solids/liquids (in approved facility)

Other:

Comments: Steel surface casing will be run and cemented to surface to protect ground water. (Rule 36.22.1001).

Comments: Surface hole will be drilled with a freshwater mud system to 625' cemented to surface. Steel surface casing will be run to 6,500' and cemented back to surface. Adequate surface casing and BOP equipment to prevent problems, (3,000 BOP, Rule 36.22.1014.)

#### 5. SOILS/VEGETATION/LAND USE

Vegetation: Tilled cropland.

Soils: Fine Loam

Stream crossings: None anticipated.

High erosion potential: No, no fill with largest cut 1.8' with 4.6' fill..

Loss of soil productivity: No, location will be restored after drilling if unproductive.

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Small wellsite (Describe dimensions): 300' x 300'.

Damage to improvements: Slight, surface use appears sage brush and grass lands.

Conflict with existing land use/values: Slight.

Mitigation

- Avoid improvements (topographic tolerance)
- Exception location requested
- Stockpile topsoil
- Stream Crossing Permit (other agency review)
- Reclaim unused part of wellsite if productive
- Special construction methods to enhance reclamation

Access Road: Established county road 40N a new access of approximately 1320' built into location.

Drilling fluids/solids: Hereford Resources, LLC will be utilizing a lined pit for cuttings. Drilling fluids and solids to be dried and buried on location in earthen pit.

## 6. HEALTH HAZARDS/NOISE

Proximity to public facilities/residences: No occupied structures within a 1/4-mile radius. Closest occupied structure is 1.5 miles to northwest of location. Location is approximately 4.5 miles North of Rudyard, MT.

Possibility of H2S: Possibility in Mississippian formations.

Size of rig/length of drilling time: 10-20 days.

Mitigation:

- Proper BOP equipment
- Topographic sound barriers
- H2S contingency and/or evacuation plan
- Special equipment/procedures requirements
- Other:

## 7. WILDLIFE/RECREATION

Sage Grouse: No

Proximity to sensitive wildlife areas (DFWP identified): No.

Proximity to recreation sites: None.

Creation of new access to wildlife habitat: No.

Conflict with game range/refuge management: No.

Threatened or endangered Species: Listed threatened or endangered species in Hill County, MT by USFWS: Grizzly Bear, Chestnut-collared Longspur, Greater Sage-Grouse, Plains Hog-nosed Snake, Northern Pearl Dace, and Sauger.

Mitigation:

- Avoidance (topographic tolerance/exception)
- Other agency review (DFWP, federal agencies, DNRC Trust Lands)
- Screening/fencing of pits, drillsite
- Other:

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Comments: Private Cropland. There may be species of concern that maybe impacted by this wellsite. We ask the operator to consult with the surface owner as to what he would like done if a species of concern is discovered at this location. The Board of Oil & Gas has no jurisdiction over private surface lands outside of sage grouse general habitat in Hill County Montana. No concerns.

**IV. IMPACTS ON THE HUMAN POPULATION**

**8. HISTORICAL/CULTURAL/PALEONTOLOGICAL**

Proximity to known sites:

Mitigation

avoidance (topographic tolerance, location exception)

other agency review (SHPO, DNRC Trust Lands, federal agencies)

Other: The Board of Oil & Gas has no jurisdiction over private surface lands.

**9. SOCIAL/ECONOMIC**

Substantial effect on tax base

Create demand for new governmental services

Population increase or relocation

Comments: No concerns.

**IV. SUMMARY**

No long term impacts expected. Some short term impacts will occur, but can be mitigated.

I conclude that the approval of the subject Notice of Intent to Drill (does/**does not**) constitute a major action of state government significantly affecting the quality of the human environment, and (does/**does not**) require the preparation of an environmental impact statement.

<b>EA Checklist Prepared By:</b>	<b>Name:</b> Ben Davis	<b>Date:</b> 6/9/2025
	<b>Title:</b> Technical Program Coordinator	<i>Benjamin J Davis</i>

**APD Review Checklist**

**Company:** Hereford Resources LLC      **Lease:** Fee      **Well #:** Inez 1      **Location:** Section 11 T33N R9E

**Yes No N/A**

**36.22.601 - Public Notice**

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Proof of publication of notice in Helena and County of proposed well
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Comment: Helena Independent Record 5/29/2025, delineated field

**36.22.602 - Surveying**

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Includes survey plat certified by registered surveyor with well location and reference to nearest lines
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Topographic map with well location, access route, residences, and water wells within 1/2 mile radius
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sketch of well site with dimensions and orientation, size and location of pits, topsoil stockpile, and estimated cut/fill
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sketch of reserve pits if utilized (top and two side views)

Comment: Pit line, Cuttings in pit disposed of onsite when dried.

**36.22.604 - Permit Issuance**

<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Written demand for hearing has been filed within 10 days following date of publication of notice
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Environmental Assessment done

Comment: Statewide Spacing 640

**36.22.608 - Well Stimulation Activities**

<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Processes, anticipated volumes, and types of material planned described
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Comment: Sundry Notice for stimulation

**36.22.620 - Notification of Application for Permit to Drill**

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Proof of notice to owners of occupied structures within 1,320 ft
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Written demand for hearing has been filed within 14 days following date of owner receiving notice

Comment: No Occupied structures within 1320'

**36.22.702 - Well Spacing**

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Location is legal
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Comment: Statewide Spacing 640

**36.22.1001 - Casing/Cement**

**Surface**

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Drilled with fresh water mud or air
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Cemented back to surface
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Setting depth deep enough to cover all fresh water zones and wells

**Intermediate/Production**

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Cement top adequate
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Well construction adequate for proposed/future stimulation/hydraulic fracturing considerations

Comment: Surface to 625', casing from surface to 6500'

**36.22.1005 - Drilling Waste Disposal and Surface Restoration**

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pit Liner Description and specifications
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Plan for treatment and/or disposal of reserve pit fluids and solids after well is drilled

Comment:

**36.22.1013 - Well Logs**

<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Request logging waiver
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Comment:

**36.22.1014 - Well Control**

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Rated working pressure of all well control equipment equal or exceeds the max anticipated pressure at surface
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Comment: 3 KBOP

**Sage Grouse Habitat**

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Approval to proceed
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Comment:

**Date Permit Approved:** 6/9/2025

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