

**STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
IN-OFFICE REVIEW/FIELD REPORT**

Permit No: 74-15636Does this qualify for an in-office field exam (*IDAPA 035.02.r*)?

Is the permit for:

- Irrigation of 5 acres or less
- Storage of up to 14.6 AF for stockwater purposes only
- Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less

Verify that fees have been paid

Fee Schedule:

<http://www.idwr.idaho.gov/RulesStatutesForms/WaterRights/PDFs/LicenseExamFees.pdf>

(A license examination fee is not required in connection with permit which use a ground water source and have a total rate of diversion of 0.04 cfs or less OR where the total volume stored is 4.0 AF per year or less)

A. CONTACT INFORMATION

Exam/Review Date: 08/14/2012

1. Is the Owner of record correct (y/n): Y If **NO**: Owner: _____Is the Address of record correct (y/n): Y

If NO: Address: _____

If available:

Phone No: 208 768-2742 E-mail: mevpeterson@67yahoo.com

(Primary)

Phone No: _____ E-mail: _____

(Secondary)

Open Info Search, enter the permit number, and then use the ArcMap interface to bring up the POU/POD on ArcMap. Check the Taxlot information to see if it matches the permit or proof statement contact information.

B. POINT OF DIVERSION

 Y Change in POD (y/n)?

If yes:

*-Compare permit map with taxlot data. If it is domestic use from a well, the POD is generally close to the home.
 -For Wells, bring in the "well" layer to see if it is digitized.
 -if your overlap analysis found overlapping rights, you can use the data in those rights to verify the POD location.*

Ident No.	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
			SW	SE	28	16N	26E	Lemhi	

Method of Determination/Remarks: Well log data (attached) POD on permit is not near this property and actually on someone else's property. Aerial view (attached) shows motel. Driller Plan Layout (attached) shows well in front of motel.

 Y Amendment Required (y/n)?

 X59: Point of diversion is located within <Lot 4, Blk. 3, Wilderness Subdivision>.

C. SOURCE:

1. N Change in Source (y/n)?

If yes:

For springs and streams, we use the name of the source shown on the USGS quad maps.

Source: _____ tributary to _____

2. Method of Determination/Remarks: _____

 Amendment Required (y/n)?

 B01: Source is also known as _____.

D. OVERLAP REVIEW POD

Point of Diversion (POD) Overlap:

__N__y/n) Other water rights with the same point of diversion (POD)

Research tools:

X InfoSearch - Query for other water rights with the same POUX Use ArcMap for overlapping POU

We are checking to see if any other water rights share the same POU or POD. The research tools on the left will help narrow down WR's with POU's and PODs in the same 40 acre tract, but that does not necessarily mean they share the same actual POD (same well, spring etc.) or the same POU (house, 3 acre pasture, etc).

Water Right No.	Source	Purpose of Use	Basis

____ F06: The following rights are diverted through point(s) of diversion described above: .

E. PLACE OF USE:

1. __Y__ Change in POU (y/n)?

If yes:

*-Use Taxlot information in ArcMap, permit maps, overlapping rights.
-Check for government lots*

Place of Use			NE				NW				SW				SE				Totals
TWP	RGE	SEC	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
16N	26E	28														X	X		

Or:

____ See attached map (goto I.)

2. Method of Determination/Remarks: Used GIS data and design plan submitted with permit

__Y__ Amendment Required (y/n)?

____ X60: Place of use is located within <Lots 1-10, Blk. 3; Lot 1-10, Blk. 4; Lots 1-15, Blk. 5; and Lots 1-10, Blk. 6; Mountain Ridge Subdivision>.

F. OVERLAP REVIEW POU

1. Place of Use (POU):

 N (y/n): Other water rights with the same place of use(POU)?

Research Tools:

- X InfoSearch - Query for other WR's with same POU
 X POU Comparison Report - Query Tools
 Use ArcMap for overlapping POU

We are checking to see if any other water rights share the same POU or POD. The research tools on the left will help narrow down WR's with POUs and PODs in the same 40 acre tract, but that does not necessarily mean they share the same actual POD (same well, spring etc.) or the same POU (house, 3 acre pasture, etc).

Water Right No.	Source	Purpose of Use	Basis

For irrigation rights only:

 (y/n)? E55: Right Nos. and are limited to the irrigation of a combined total of acres in a single irrigation season.

G. PURPOSE OF USE:

 N Change in purpose of use (y/n):

If yes:

Changes in purpose of use generally consist of things like "Recreation" really being "Recreation Storage", or multi-home domestic uses changing to "Municipal".

Use From To Amount CFS AFA

Use From To Amount CFS AFA

Use From To Amount CFS AFA

Method of Determination/Remarks: Verified using Google maps (attached)

Non-irrigation uses:

Domestic # of homes

Stock #

Other: 8 bed motel

G. DIVERSION RATE:

Calculations: .11 cfs as
recommended on permit

Since we aren't taking a measurement, this is where we explain the recommended diversion rate. Ex: Internal and external domestic use standard is 0.04 cfs.

Notes/Remarks: __011 cfs seems reasonable and is consistent with beneficial use chart page 57.

H. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \text{I.R.}$$

$$V = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \text{D.R.}$$

$$V = \text{Smaller of } V_{\text{I.R.}} \text{ and } V_{\text{D.R.}}$$

$$2. \text{ Volume Calculations for Other Uses: } \frac{60 \text{ gal}}{\text{day}} \times \frac{365 \text{ days}}{\text{year}} \times 8 \text{ rooms} = 175,200 \frac{\text{gal}}{\text{year}}$$

$$\frac{175,200}{325,850} = 0.5 \text{ AF plus } 0.1 \text{ AF for 4 office workers @ } \frac{15 \text{ gal}}{\text{day}} \text{ per worker. Total of } 0.6 \text{ AF}$$

For uses that require a volume, this area can be used to show calculations and explain the recommended diversion volume. Ex: 3 acres at field headgate of 4.0 AF per acre = 12 AF.

I. NARRATIVE/REMARKS/COMMENTS/CHECKLIST

__Y__ Is there enough information to verify the water right in office (IDAPA 035.02.r)?

We need to be able to verify:

- X Beneficial use
- X Place of use
- X Season of use
- X Point of diversion

After reviewing the information available, is there enough information to verify beneficial use and issue a license?

At a minimum, you must be able to verify the 4 items to the left.

Checklist (you do not need all of these items):

- X Property tax information
- X Well driller report
- ____ Receipts
- X photographs
- X Aerial photography
- X Other records of the permit holder
- X Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (**REQUIRED**).
Scale must be 1:24,000 or greater.

This checklist is meant to provide a list of items that can be used to verify beneficial use.

(Use the WENET Layout application for this)

Map Output

Page Number
 Page Orientation
 Map Background
 Map Output Type
☐ Create Editable Map
☒ Display POU Shape
☒ Display POD Shape
☐ Create Closeup Map of POU
☒ Print Attachment Page
☐ Is Amendment?
☐ Show Taxlots
☐ Show A Current Owner Name
☐ Show Date On Map

**Have conditions of permit approval been met? ____ Yes ____ No

NARRATIVE/REMARKS/COMMENTS

Need confirmation that measuring device and data logger have been installed as well as lockable device.

J. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
<u>Commercial</u>	01/01 to 12/31	.11 CFS	.6 AF
Totals:		.11 CFS	.6 AF

2. Recommended Amendment

X Change P.D. as reflected above ____ Add P.D. as reflected above ____ None

X Change P.U. as reflected above X Add P.U. as reflected above ____ None

K. AUTHENTICATION

Field Examiner's Name [Signature] Date 08/14/2012

Reviewer _____ Date _____

IDAHO DEPARTMENT OF WATER RESOURCES

Water Permit Report 74-15636

WATER RIGHT NUMBER: 74-15636

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	DALE A PETERSON PO BOX 67 LEADORE, ID 83464 (208)768-2742

Priority Date: 10/24/2005

Basis:

Status: Active

<u>Source</u>	<u>Tributary</u>
GROUND WATER	

<u>Beneficial Use</u>	<u>From</u> <u>To</u>	<u>Diversion Rate</u>	<u>Annual Volume</u>
COMMERCIAL	01/01 to 12/31	0.110 CFS	
	<u>Total Diversion:</u>	0.110 CFS	

Location of Point(s) of Diversion

GROUND WATER	SE1/4SE1/4	Sec. 28, Twp 16N, Rge 26E, B.M.
LEMHI County		

Place of Use

COMMERCIAL

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
16N	26E	28																X	

Conditions of Approval:

1. ☒ 027 Use of water under this right shall be non-consumptive.
2. ☒ X01 Commercial use is for an 8 bed motel and does not include lawn, garden, landscape, or other types of irrigation.
3. ~~011~~ Prior to diversion of water under this right, the right holder shall install a lockable device, subject to the approval of the Department, in a manner that will provide suitable control of the diversion.
4. ☒ 115 Prior to the diversion and use of water under this right, the right holder shall install and maintain a measuring device, including a data logger, at the authorized point of diversion, in accordance with Department specifications.
5. ~~26A~~ Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which the permit holder had no control.

Keep
Keep
Change to
RO2
Motel
Remark

IDAHO DEPARTMENT OF WATER RESOURCES

Water Permit Report 74-15636

6. ~~046~~ *Remove* Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.

Remarks:

Comments:

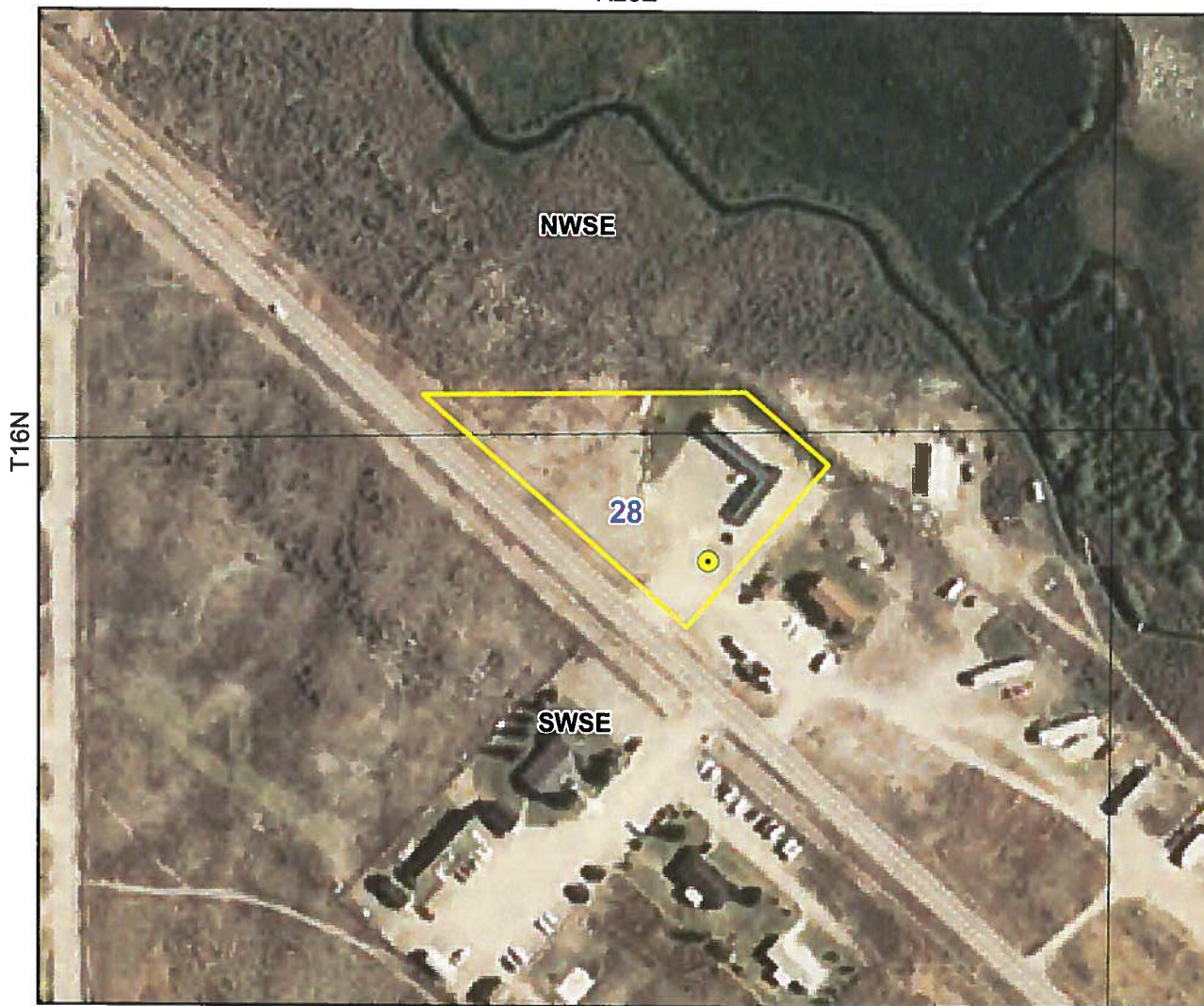
1. eretelle 12/5/2005 POD
Comment: Updated shape
2. eretelle 12/5/2005 POU
Comment: Updated Shape

Water Supply Bank:

State of Idaho
Department of Water Resources
Attachment To Application for Amendment
74-15636

This map depicts the proposed COMMERCIAL place of use boundary for this permit amendment at this time.
This document is solely for illustrative purposes.

R26E



0 0.025 0.05 0.1 Miles

-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters





- A. **Homestead Motel**
187 North Railroad Street, Leadore, ID
(208) 768-2742



74-15636

Place of use

S48°00'00"E
124.13'

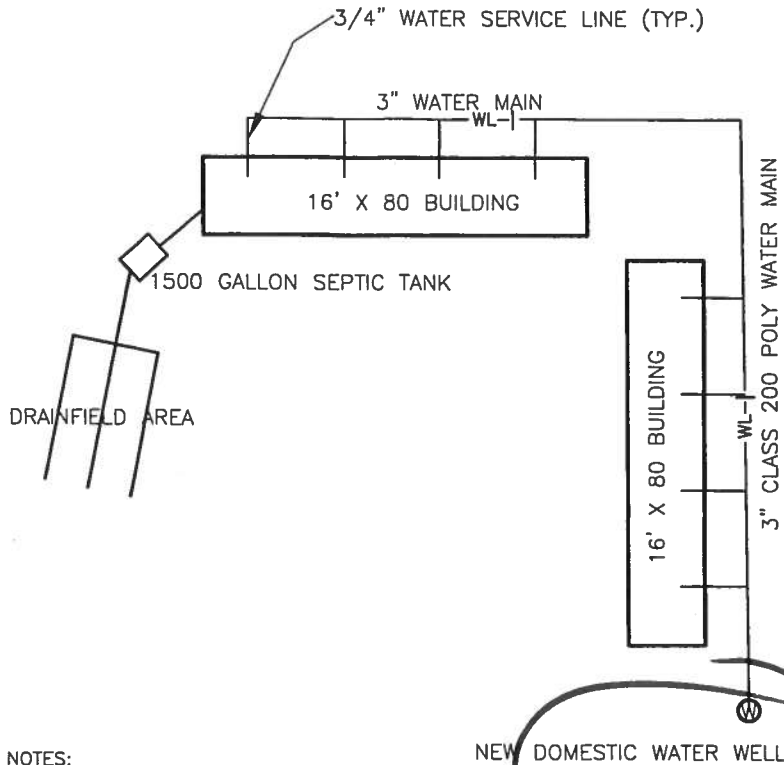
-FINISH GRADE 18"
ABOVE EXISTING GRADE

EXISTING GRADE
36"
ABOVE
FINISH
GROUND

10" TEMPORARY CASING TO 58'

ZER

15'



NOTES:

1. PLACE A PERMANENT 1 1/2" DIAMETER WELL VENT WITH #24 MESH AS PER IDAHO CODE.
2. DEPTHS ARE FOR BIDDING PURPOSES ONLY. ACTUAL CONDITIONS WILL DETERMINE FINAL CASING DEPTH.
3. WELL DESIGN BASED ON MAXIMUM DEMAND OF 50 GPM.
4. SURFACE SEAL QUANTITIES AND PLACEMENT METHOD MUST BE VERIFIED BY AN INDEPENDENT THIRD PARTY.
5. SERVICE LINES SHALL BE CLASS 150 POLYETHYLENE.
6. MAINTAIN A MINIMUM OF 5 FEET OF COVER OVER ALL WATER LINES.

NEW DOMESTIC WATER WELL

WELL LOCATION:
SE 1/4 SECTION 28
TOWNSHIP 16 NORTH
RANGE 26 EAST B.M.
LEMHI COUNTY, IDAHO

N48°00'00"W
393.99'

POD confirmation

3" CLASS 200 POLY WATER MAIN
S41°19'58"W
242.98'

EXIS
LAUNI
ROO

N48

1

ATE HIGHWAY 28

74-15636

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D DO 37967
 DRILLING PERMIT NO. _____
 Water Right or Injection Well No. 74-15636

2. OWNER:

Name Dele Peterson
Address PO Box 67
City Leadore State ID Zip 83464

3. LOCATION OF WELL by legal description:

You must provide address or Lot, Blk, Sub. or Directions to well.

Twp. 16 North ☒ or South ☐
Rge. 26 East ☒ West ☐
Sec. 28 1/4 SE 1/4 SE 1/4
Gov't Lot _____
County Lemhi 10 acres 10 acres 100 acres
Lat. : : Long. : :
Address of Well Site Hwy 28

City Leadore

(Give at least name of road + Distance to Road or Landmark)

Lt. _____ Blk. _____ Sub. Name _____

4. USE:

☐ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☒ Other *Commercial*

5. TYPE OF WORK check all that apply (Replacement etc.)

☒ New Well ☐ Modify ☐ Abandonment ☐ Other

6. DRILL METHOD:

☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

Seal Material	From	To	Weight / Volume	Seal Placement Method
Bentonite	0	48	1500#	Poured

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 99 FT
Was drive shoe seal tested? ☐ Y ☒ N How?

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+18"	99	250	Steel	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____
Packer ☐ Y ☐ N Type _____

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method _____

Screen Type & Method of Installation

From	To	~~Slot Size~~	~~Number~~	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

38 ft. below ground Artesian pressure — lb.
Depth flow encountered — ft. Describe access port or control devices: Removable well cap

Dropped off @ IDWR Salmon
Feb 1-06

FORWARD WHITE COPY TO WATER RESOURCES

Office Use Only

Well ID No. _____
 Inspected by _____
 Twp _____ Rge _____ Sec _____
 _____ 1/4 _____ 1/4 _____ 1/4
 Lat: : : Long: : :

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
20 gpm	N/A	80 FT	4 hours

Water Temp. Cold Bottom hole temp. Cold
Water Quality test or comments: NONE

Depth first Water Encounter 38 FT

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Water

[illegible]

Completed Depth 99 Feet (Measurable)

Date: Started 1-12-06 Completed 1-24-06

14. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name JAFCONS Firm No. 504

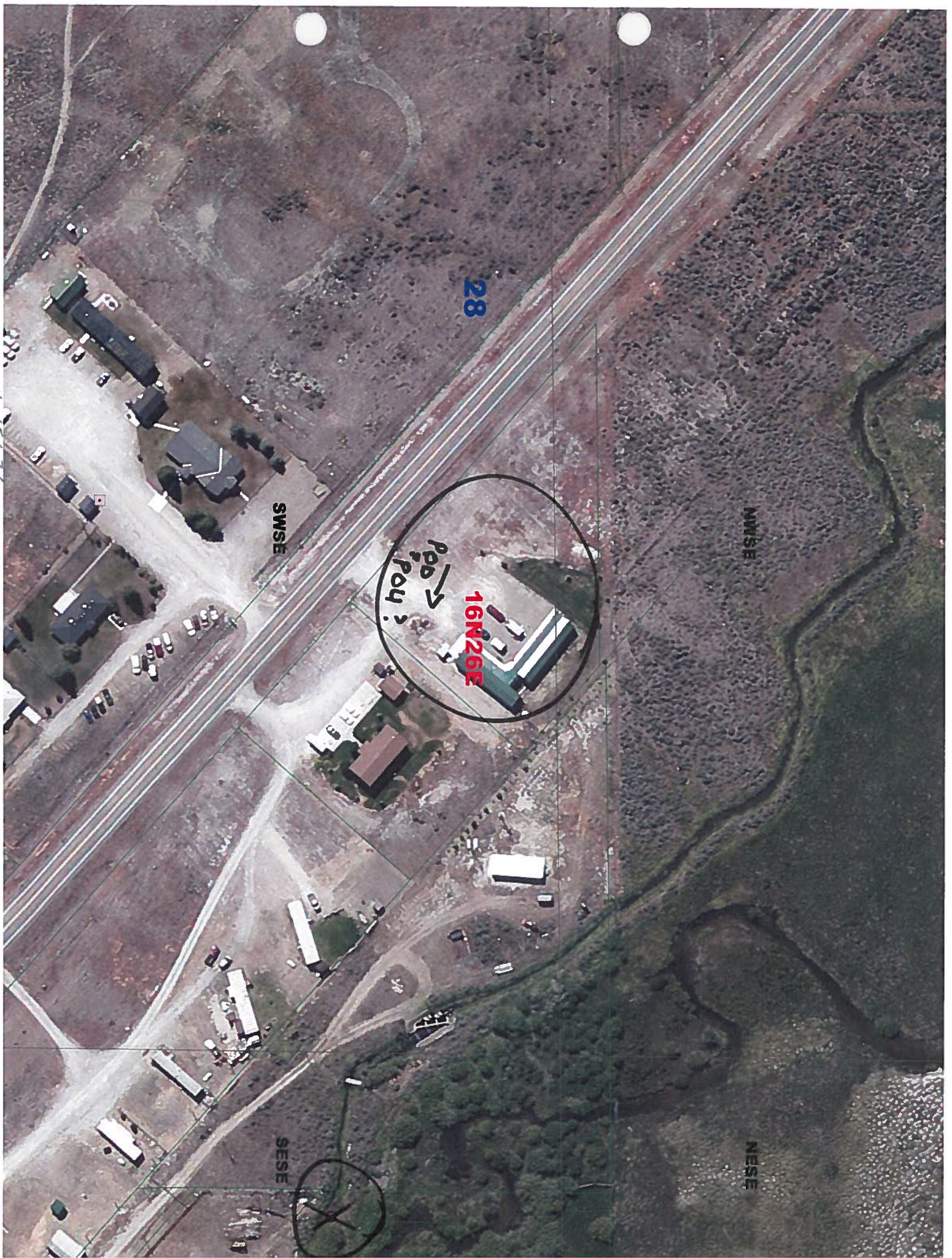
Principal Driller *[Signature]* Date *1-25-06*

Driller or Operator II Det. Foster Date 1-25-06

Operator I _____ Date _____

Principal Driller and Rig Operator *Required*.
Operator I must have signature of Driller/Operator II.

24-85136



28

SWSE

NWSE

16N26E

Pop
Pop 2

SESE

NESE