

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 67-7715

Exam Date: 8/31/1989

1. Current Owner: ROBERT PATRICK
PO BOX 817
COUNCIL ID 83612
(208)253-6440
- CHRISTINE PATRICK
PO BOX 817
COUNCIL ID 83612
(208)253-6440

RECEIVED *K*

JUN 24 2005

DEPARTMENT OF WATER RESOURCES

2. Accompanied by:
Phone No:
Address:
Relationship to Permit Holder:

3. SOURCETRIBUTARY

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 67-7506
2. Other water rights with the same point of diversion: None

C. DIVERSION AND DELIVERY SYSTEM1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER SW1/4SE1/4
ADAMS County

Sec. 25, Twp 17N, Rge 02W, B.M.

Method of Determination: Exam

2.

PLACE OF USE: DOMESTIC

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
17N 02W 25															X		

PLACE OF USE: STOCKWATER

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
17N 02W 25															X		

Method of Determination: Exam

3. Y Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.

Y Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.

N/A Aerial Photo Attached (required for irrigation of 10+ acres).

Y Photo of Diversion and System Attached

4.

<u>Well or Diversion ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge Size</u>
Domestic 6"				Submersible	

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

<u>Measurement Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>

2. Measurements: None Made

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method: Based on Department Standards

Allow .04 cfs for internal/external domestic uses for 1 home

1 horse x .00022 = .00022 cfs

3 pigs x .000072 = .00022 cfs

3 goats x .000037 = .00011 cfs

10 rabbits and 25 chickens (round to the nearest 100) 100 x .0000018 = .00018

Total stockwater cfs = .00073

Allow .01 cfs for miscellaneous stockwater use

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: N/A

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

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

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

2. Volume Calculations for Other Uses: Based on Department Standards

Allow 1.2 afa for internal/external domestic use for 1 home

1 horse x 12 gpd x 365 dys/325850 = .0134 af

3 pigs x 4 gpd " " = .0134

3 goats x 2 gpd " " = .0067

25 chickens & 10 rabbits x 2 gpd for all x 365 dys/325850 = .0067

Total stockwater volume = .04 afa

Allow .1 afa for miscellaneous stockwater use

G. NARRATIVE/REMARKS/COMMENTS

The permit lists 3 acres irrigation, domestic and stockwater uses. Proof of beneficial use was filed in 1988 for only domestic and stockwater uses, which did not require a fee. A field exam was conducted in 1989, verifying a 6 inch well with a submersible pump that supplies water to 1 home, garden (<1/2 acre) and miscellaneous stockwater.

I called Christine 6/14/05 for additional information. She stated that surface water right 67-7506 was used for their domestic and stockwater uses prior to 1988 when the well was drilled. The surface water is still used as a back-up source when the power goes out. Christine also confirmed the type/number of miscellaneous stock.

No other rights are used. An SRBA claim was not required, nor filed for this permit. Please see file 67-7506 for additional information and p/u photos.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
DOMESTIC	01/01 to 12/31	0.040 CFS	1.20 AF
STOCKWATER	01/01 to 12/31	0.010 CFS	0.10 AF
<u>Totals:</u>		0.050 CFS	1.30 AF

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name Lo. Brewer Date 6/15/05

Reviewer _____ Date _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

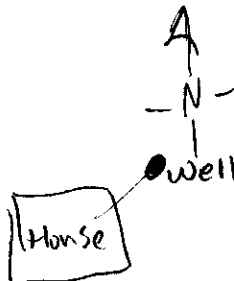
- Permit No. 67-7715
1. Owner: Robert and/or Christine Patrick Phone No. 253-6440
Current Address: Hc 67 Box 2291 Council 83612
2. Accompanied by: Christine Patrick EXAM. DATE: 8/31/89
Address: Chr Phone No. _____
Relationship to Permit Holder: owner
3. Source: Groundwater tributary to N/A

B. OVERLAP REVIEW

1. Other water rights with same place of use: 67-7506 (Supp to this well)
_____ ☐ Copies Attached
2. Other water rights with same point of diversion: None
_____ ☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☐ Alternative diagram attached



Scale: 1" = _____

2. ☐ Copy of U.S.G.S. Quadrangle Attached ☐ Aerial Photo Attached
Showing location(s) of point(s) of diversion and (required for irrigation of 10 acres or more).
place(s) of use (required).
☐ Photo of Diversion and System Attached
(required for all but single household domestic groundwater, and stockwater).

System Description (continued)

3. **Narrative:** Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)

6" Cased Well w/ Submers. Pump piped to Home with pressure system - Exterior Faucets For Stockwater.

No Irrigation w/ exception of large garden - License For Domestic (1/1 Home) w/ Stockwater

☐ See Remarks on page 4 for continuation

- 4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

*Code to correspond with No. on map and aerial photo

5. **Point(s) of Diversion:**

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks

6. **Place(s) of Use:**

Indicate Method of Determination _____

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	

Do not use this space

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements:

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

2. Alternate Method for Checking Purposes:

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)
Total Head: (1) + (2) = _____ (3) : Flow rate: _____ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)
Meter Input KW: 3.6 x _____ KH x _____ CTR or _____ MULT x _____ PTR x _____ N/ _____ T = _____ (6)
Meter Input HP: (6) x 1.34 = _____ (7)
Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave Ampsx .001732 = _____ (6)
Panel Input HP: (6) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____
 $V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$ _____
 $V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$ _____

2. Volume Calculations for Other Uses:

[illegible]

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
	Totals:			

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

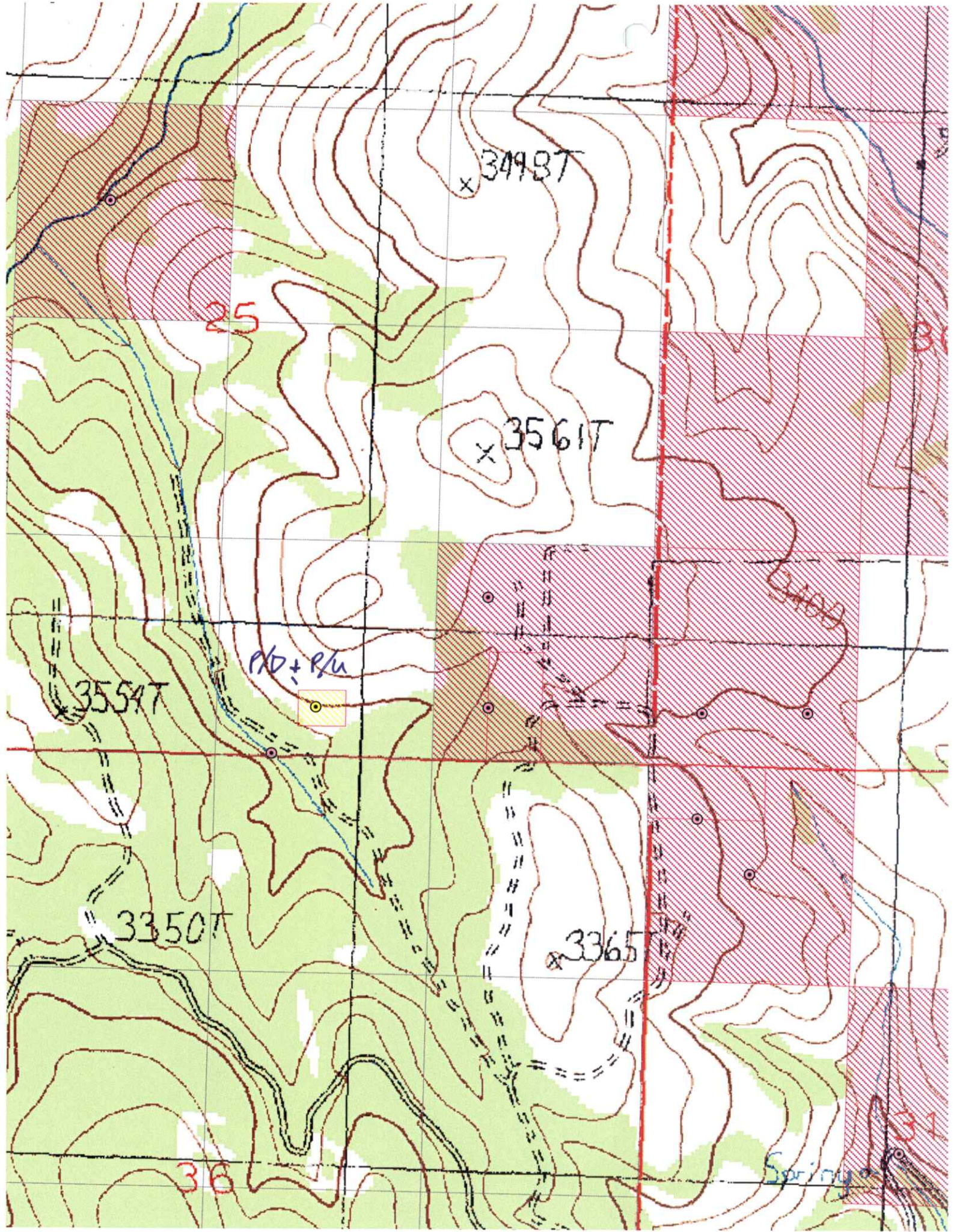
Field Examiner's Name _____

Signature _____

Certification Date _____

Field Report Preparation Date _____

K. Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.



x 3498T

25

x 3561T

P/O + P/u

x 3554T

3350T

x 3365T

36

Spring

An aerial photograph showing a landscape with a mix of dark, forested areas and lighter, open fields. A green rectangular box is drawn on the image, highlighting a specific area in the lower-middle section. The text "2004 Photo T17N R2W S25 SWSE" is overlaid in yellow. Two white circular punch holes are visible at the top of the image.

**2004 Photo
T17N R2W S25
SWSE**

67-7715



6" well

submersible pump

(See file 67-7506 for domestic
use photos)

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources
within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name Bob Patrick
Address HC 67 Box 2291
Council, Id. 83612
Owner's Permit No. 67-7715

7. WATER LEVEL

Static water level 330 feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Artesian closed-in pressure _____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature 56 °F. Quality clear
*Describe artesian or temperature zones below.*2. NATURE OF WORK 67-88-2-44

- ☒
- New well
- ☐
- Deepened
- ☐
- Replacement
-
- ☐
- Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

8. WELL TEST DATA

☐ Pump ☐ Bailer ☐ Air ☐ Other _____Discharge G.P.M. 9 Pumping Level 420 Hours Pumped 1

3. PROPOSED USE

- ☒
- Domestic
- ☐
- Irrigation
- ☐
- Test
- ☐
- Municipal
-
- ☐
- Industrial
- ☐
- Stock
- ☐
- Waste Disposal or Injection
-
- ☐
- Other _____ (specify type)

9. LITHOLOGIC LOG

Bore Diam.	Depth		Material	Water	
	From	To		Yes	No
8"	0	19'	Solid Basalt		X
6"	19	390	Solid Basalt		X
6"	390	430	Broken Basalt	X	

4. METHOD DRILLED

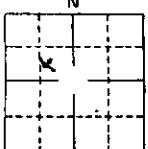
- ☒
- Rotary
- ☒
- Air
- ☐
- Hydraulic
- ☐
- Reverse rotary
-
- ☐
- Cable
- ☐
- Dug
- ☐
- Other _____

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____
Thickness Diameter From To
1.250 inches 6 inches + 1 feet 20 feet
_____ inches _____ inches _____ feet _____ feet
_____ inches _____ inches _____ feet _____ feet
_____ inches _____ inches _____ feet _____ feetWas casing drive shoe used? ☐ Yes ☒ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation _____ inches by _____ inchesNumber From To
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feetWell screen installed? ☐ Yes ☒ NoManufacturer's name _____
Type _____ Model No. _____
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____
Placed from _____ feet to _____ feetSurface seal depth 18 Material used in seal: ☐ Cement grout
☒ Bentonite ☐ Puddling clay ☐Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing
☒ Overbore to seal depth
Method of joining casing: ☐ Threaded ☐ Welded ☐ Solvent
Weld☐ Cemented between strata
Describe access port Sanitary well seal

6. LOCATION OF WELL

Sketch map location must agree with written location.



Subdivision Name _____
Lot No. _____ Block No. _____

County AdamsSE 1/4 NW 1/4 Sec. 25, T. 17 N, R. 2 E

10.

Work started May 31st 88 finished June 4 88

11. DRILLERS CERTIFICATION

I/We certify that all minimum well construction standards were
complied with at the time the rig was removed.Firm Name Mewaco Drilling Firm No. 391Address McCall Id Date 6-22-88Signed by (Firm Official) [Signature]and
(Operator) [Signature]