Software for Permits, Inspections and Production Reporting

RESPEC.COM
I Hate Computers!
Change is Hard!
Software is a Service

Not A Car
START AT THE END

Be Flexible
You may get frustrated

START AT THE END
Better is *better* than perfect.
START AT THE END

CHECK YOUR Ego,
AMIGO
I CAN’T BELIEVE I FELL FOR THAT SCAM.

FACE IT, KEVIN. YOU’RE A BAND-AID. YOU WERE BOUND TO GET RIPPED OFF.

This may hurt a little
Career Change, the emotional cycle of change.

Uninformed Optimism
- I made the decision to change, Yippee!

Informed Optimism
- Never realised I would like this type of work
- Oh there's a good idea, I did not think I was good at that

Informed Pessimism
- I'll never achieve that
- I want to give up

Mood
- What should I do?
- So much to figure out, did not know it was that hard
- Maybe my old job wasn't that bad
- What is this all good for?

Time
- I settled in well and enjoying my new career
Career Change, the emotional cycle of change.

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Pain Chart of Technology Change
Ok…

That’s All Great…

But What Did You

Actually Do?
WHERE THINGS WERE

District Programs

- Well Permitting
- Production Reporting
- Meter Reimbursement
- Inspections
- Compliance
WHERE THINGS WERE

New Permit

STEP 3

STEP 97

Permit Approved!
Example: Production Reporting and GPU Pooling

WHERE THINGS WERE

2008 - 2018

October, 2018
LESSONS

- **Data**
  - Quality
  - Cleanup
  - Easy Entry vs Good Data

- **User Experience**
  - Click.. click.. click..
  - More interviews needed

- **Developer Temptations**
  - Change Everything
  - Trust Me, You’ll Love It

- **Customer Temptations**
  - I Liked the Old Way
  - Meters are on GPUs
### Well Table

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### Production Table

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## Diagram

```
New (0) → Pre-Drill Inspection (5) → Administrative (117) → Post-Drill Inspection (103) → Board (16) → Complete (4949) → Cancelled (121)
```
New (0) → Pre-Drill Inspection (5) → Administrative (117) → Post-Drill Inspection (103) → Board (16) → Complete (4949)

Cancelled (121)

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<tr>
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</table>
### New (2846) - Sent (0) - Received (0) - Entered (33080)

#### Year, GPU Number, Base Allocated Usage, Total Allocated Usage, Actual Usage, Reserve Earned, Reserve Bank, Report Status

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<th>Year</th>
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<th>Actual Usage</th>
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Annual Production Report
Completed Report and Associated Documentation Due March 1, 2019

GPU ID: 4392
For District Use Only
Date Entered: ____________________________
Entered By: ____________________________

GPU Name: REXECMcCLOY, GROUNDWATER SERVICES, MORSE, S1 79062

Phone: (806) 878-2649
Fax:
Email: reexecmccloy@amazonline.com

Total Acres: 1168
Annual Allowable: 1752
Available Reserve: 584
Production Limit: 2336

COUNTY    SECTION    BLOCK    SURVEY

HUTCHINSON  5    2    SPRR    NONE
            18    R-2    DAPRR
            19    Day L & C    NONE
HUTCHINSON  1    M-23    TCAR

2018 TOTAL ANNUAL GROUNDWATER PRODUCTION ACRE-FEET (TOTAL FROM WORKSHEET(s))

Attach all required forms and supporting documentation as applicable:

- Worksheet (pages attached to Annual Production Report)
- 1st page of nozzle pkg. that states GPM if not on file with the District or if re-nozzled
- PivoTrac, GrowSmart, FieldNet, WagNet, or other irrigation system report for entire year
- Monthly average head count for all 12 months for CAFOs and supporting documentation
- 12 months of gas or electric bills

I hereby certify that all of the information contained in this report is true and correct to the best of my knowledge.