

Lease :
Well Number:
Well Location:

FEDERAL KK
3
1980' FSL & 1980' FEL
County: EDDY
Sec: 3
Twn : 17S
Range: 30E
Date: 1/18/2012
API #: 30-015-04066

Surface Casing Size: 10-3/4" Weight: Date Set:
Depth set : 570' Sx of Cement : 50 TOC :

Production Casing Size : 7" Weight: Date Set:
Depth set : 2827' Sx of Cement : 100 TOC :

Liner Casing Size: 4-1/2" Weight: Date Set: 7/70
Top : 2781' Bottom: 3009' Sx of Cement : 100

Perforations : 2792'-2916';
2974'-2990';

Total # of Holes : 64 Hole Size:

Initial Stimulation:
Date:

Subsequent Stimulation:
Date:

Initial Potential : BOPD: MCFPD: BWPD:
Date: Method:

Elevations: GL 3736' KB DF
Total Depth: TD 3075' PBTD 3012'

7/70 CLEAN OUT, SET LINER; Bond log showed liner cmt 100% coverage

2/83 CONVERT TO WATER INJECTION

12/22/2011 Spot 50 sx plug from 2811' to 2531' w/ BLM approval

top of
salt 530'

base of
salt 1200'

12/22/2011

Tag
@ 2531'

<orig 7" TOC est @ 2576'

50 sx

Class C

plug

plug spot

@2811'>

7" TD >

btm perf

@ 2990'

TD 3009'

Proposed Plug & Abandon Diagram

Date: 1/18/2012

Lease :

FEDERAL KK

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Well Number:

3

Sec:

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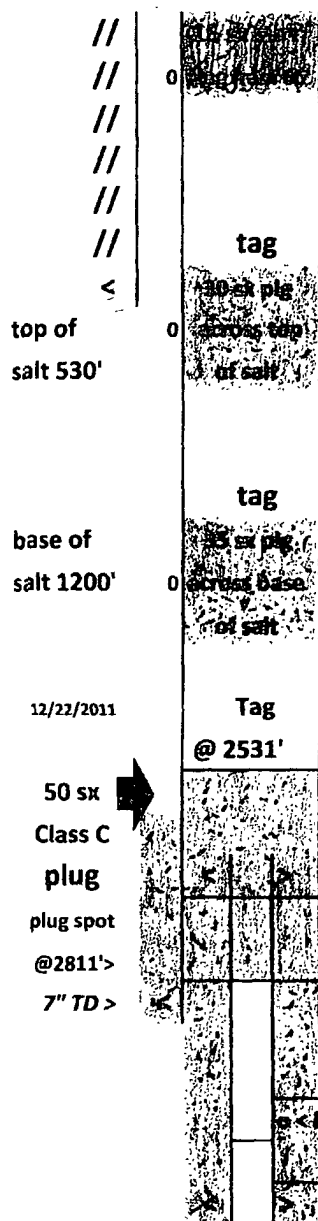
Well Location:

1980' FSL & 1980' FEL

Twn :

17S

Range: 30E

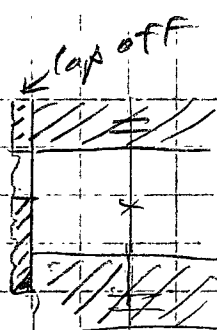


// Surface Casing Size: 10-3/4" Weight: _____ Date Set: _____
 // Depth set : 570' Sx of Cement : 50 TOC : _____
 //
 // Production Casing Size : 7" Weight: _____ Date Set: _____
 // Depth set : 2827' Sx of Cement : 100 TOC : _____
 // < 10 3/4" TD-570 ' >
 // Liner Casing Size: 4-1/2" Weight: _____ Date Set: 7/70
 // Top : 2781' Bottom: 3009' Sx of Cement : 100
 // Perforations : 2792'-2916';
 // 2974'-2990';
 // Total # of Holes : 64 Hole Size: _____
 // Initial Stimulation: _____
 // Date: _____
 // Subsequent Stimulation: _____
 // 2781' Date: _____
 // <top perf 2792' >
 // 2827' Initial Potential : BOPD: _____ MCFPD: _____ BWPD: _____
 // Date: _____ Method: _____
 // < btm perf @ 2990' >
 // TD 3009' Elevations: GL 3736' KB _____ DF _____
 // Total Depth: TD 3075' PBTD 3012'
 // 7/70 CLEAN OUT, SET LINER; Bond log showed liner cmt 100% coverage

2/83 CONVERT TO WATER INJECTION

12/22/2011 Spot 50 sx plug from 2811' to 2531' w/ BLM approval

Mud up
50 SX cmt
570' 10" CS9



Repaired 270'
CS9
Hole in CS9
240

Federal KK #3
3001504066
1980' FSL & 1980' FLL
Sec. 3, T17S-R30E

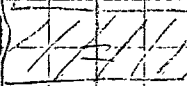
620 - 480' WOC Tag
Perf / SO

Top Salt 530

Base Salt 1200

Liner

75 SX cmt



Perf / SO
1250 - 1150 WOC Tag

2103 -
2223 8 1/4" Liner

100 SX
cmt

TOC @ 2531

50 SX cmt. 2811 - 2531

Perf 2792 - 2916 Mcfox

Perf 2880 - 2990 Grayburg

TOP Liner
2782

2897 7" 4 1/2" cmt

2997 TD. 3010 TA