

# DIAMOND TESTING

P.O. Box 157  
HOISINGTON, KANSAS 67544  
(620) 653-7550 • (800) 542-7313  
STC 30046.D1068

Company Prolific Resources, LLC Lease & Well No. A. C. Widener Farms No. 3  
Elevation 1860 KB Formation Lansing "I" - "K" Effective Pay -- Ft. Ticket No. J2864  
Date 12-4-11 Sec. 15 Twp. 22S Range 12W County Stafford State Kansas

Test Approved By Jeffrey A. Burk Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 3,444 ft. to 3,498 ft. Total Depth 3,498 ft.  
Packer Depth 3,439 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.  
Packer Depth 3,444 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.  
Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,447 ft. Recorder Number 30046 Cap. 6,000 psi  
Bottom Recorder Depth (Outside) 3,495 ft. Recorder Number 11073 Cap. 4,000 psi  
Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 120 ft. I.D. 2 1/4 in.  
Mud Type Chemical Viscosity 54 Weight Pipe Length -- ft. I.D. -- in.  
Weight 8.8 Water Loss 10.4 cc. Drill Pipe Length 3,298 ft. I.D. 3 1/2 in.  
Cides 4,000 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.  
Jars: Make Sterling Serial Number 2 Anchor Length 54 ft. Size 4 1/2 - FH in.  
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.  
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Strong blow. Off bottom of bucket in 1 min. Gas to surface in 10 mins. Strong blow back during shut-in  
2nd Open: Strong blow. Off bottom of bucket in 1 min. Gas to surface throughout. Strong blow back during shut-in

Recovered 2,200 ft. of gassy oil = 30.188800 bbls. (Gravity: 29 @ 60°)

Recovered -- ft. of  
Recovered -- ft. of  
Recovered -- ft. of  
Recovered -- ft. of

Remarks 1st flow: Gas gauged at 30 MCF/D decreasing to 8 MCF/D.  
2nd flow: Gas gauged at 8 MCF/D decreasing to 1 MCF/D.

Time Set Packer(s) 12:40 ~~XXX~~ P.M. Time Started Off Bottom 3:25 ~~XXX~~ P.M. Maximum Temperature 109°  
Initial Hydrostatic Pressure ..... (A) 1698 P.S.I.  
Initial Flow Period ..... Minutes 30 (B) 189 P.S.I. to (C) 363 P.S.I.  
li Closed In Period ..... Minutes 45 (D) 881 P.S.I.  
Final Flow Period ..... Minutes 30 (E) 422 P.S.I. to (F) 565 P.S.I.  
Final Closed In Period ..... Minutes 60 (G) 875 P.S.I.  
Final Hydrostatic Pressure ..... (H) 1678 P.S.I.

## GENERAL INFORMATION

### Client Information:

Company: PROLIFIC RESOURCES

Contact: DARRELL WILLINGER

Phone: Fax: e-mail:

### Site Information:

Contact: JEFFREY BURK

Phone: Fax: e-mail:

### Well Information:

Name: A. C. WIDENER FARMS #3

Operator: PROLIFIC RESOURCES

Location-Downhole:

Location-Surface: S15/22S/12W

### Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JEFFREY BURK

Test Type: CONVENTIONAL

Job Number: D1068

Test Unit:

Start Date: 2011/12/04

Start Time: 11:00:00

End Date: 2011/12/04

End Time: 18:30:00

Report Date: 2011/12/04

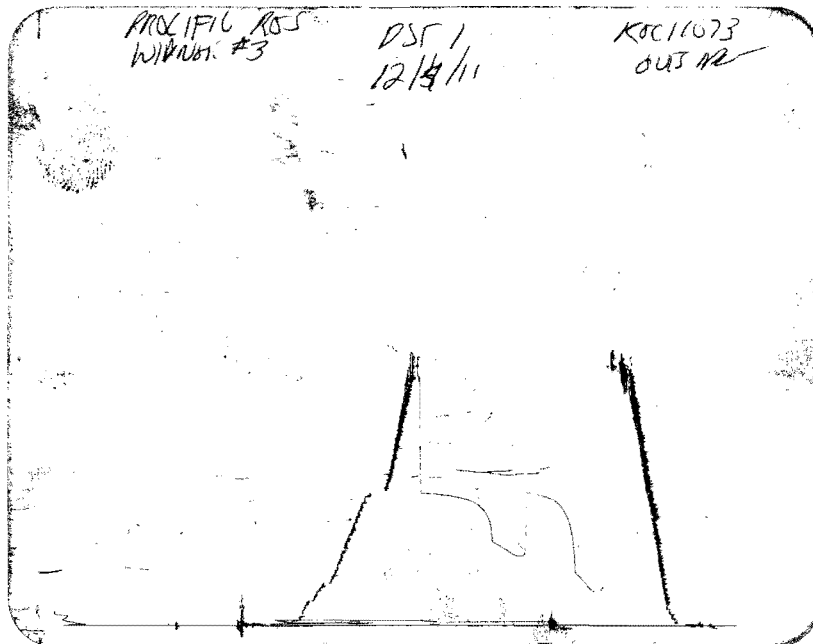
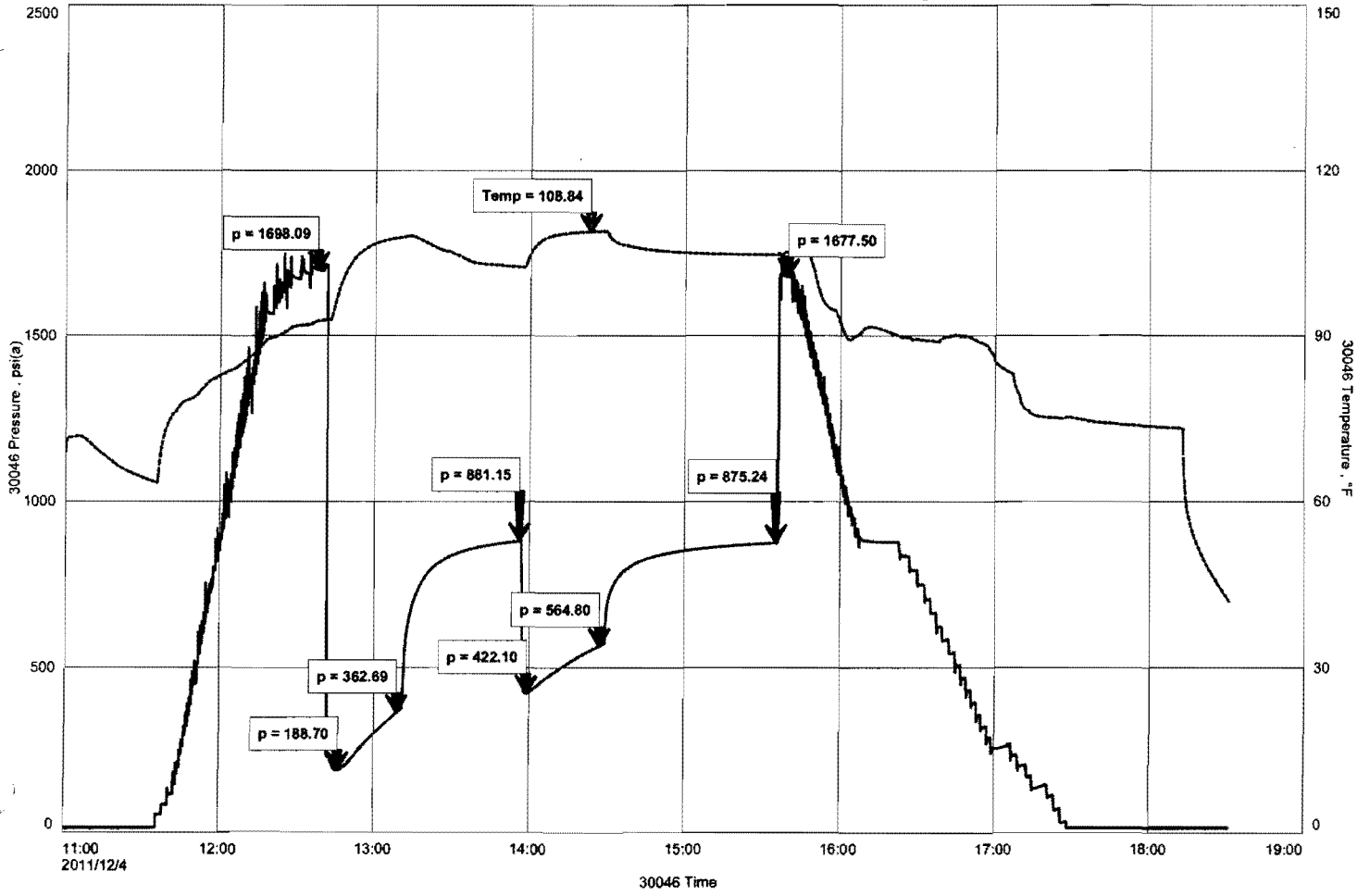
Prepared By: JOHN RIEDL

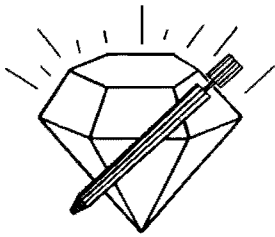
### Remarks:

Qualified By: DARRELL WILLINGER

RECOVERY: 2200' GASSY OIL

### A. C. WIDENER FARMS #3





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
STC 30046.D1069

Company Prolific Resources, LLC Lease & Well No. A. C. Widener Farms No. 3  
Elevation 1860 KB Formation Arbuckle Effective Pay      Ft. Ticket No. J2865  
Date 12-5-11 Sec. 15 Twp. 22S Range 12W County Stafford State Kansas  
Test Approved By Jeffrey A. Burk Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 3,659 ft. to 3,669 ft. Total Depth 3,669 ft.  
Packer Depth 3,654 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.  
Packer Depth 3,659 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.  
Depth of Selective Zone Set      ft.

Top Recorder Depth (Inside) 3,662 ft. Recorder Number 30046 Cap. 6,000 psi  
Bottom Recorder Depth (Outside) 3,666 ft. Recorder Number 11073 Cap. 4,000 psi  
Below Straddle Recorder Depth      ft. Recorder Number      Cap.      psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 120 ft. I.D. 2 1/4 in.  
Mud Type Chemical Viscosity 50 Weight Pipe Length      ft. I.D.      in.  
Weight 9.2 Water Loss 8.9 cc. Drill Pipe Length 3,513 ft. I.D. 3 1/2 in.  
Rides 6,000 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.  
Jars: Make Sterling Serial Number 2 Anchor Length 10 ft. Size 4 1/2 - FH in.  
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.  
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, 1 1/2 in., blow. No blow back during shut-in.  
2nd Open: Weak, 1/2 in., blow. No blow back during shut-in.

Recovered 30 ft. of heavy drilling mud = .147600 bbls.  
Recovered      ft. of       
Recovered      ft. of       
Recovered      ft. of       
Recovered      ft. of       
Remarks MISRUN! Tool & anchor plugged with heavy mud & cuttings.

Time Set Packer(s) 1:10 ~~AM~~ P.M. Time Started Off Bottom 4:25 ~~AM~~ P.M. Maximum Temperature 102°  
Initial Hydrostatic Pressure ..... (A) 1814 P.S.I.  
Initial Flow Period ..... Minutes 30 (B)      P.S.I. to (C)      P.S.I.  
Initial Closed In Period ..... Minutes 45 (D)      P.S.I.  
Final Flow Period ..... Minutes 60 (E)      P.S.I. to (F)      P.S.I.  
Final Closed In Period ..... Minutes 60 (G)      P.S.I.  
Final Hydrostatic Pressure ..... (H) 1808 P.S.I.

## GENERAL INFORMATION

### Client Information:

Company: PROLIFIC RESOURCES

Contact: DARRELL WILLINGER

Phone: Fax: e-mail:

### Site Information:

Contact: JEFFREY BURK

Phone: Fax: e-mail:

### Well Information:

Name: A. C. WIDENER FARMS #3

Operator: PROLIFIC RESOURCES

Location-Downhole:

Location-Surface: S15/22S/12W

### Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JEFFREY BURK

Test Type: CONVENTIONAL Job Number: D1069

Test Unit:

Start Date: 2011/12/05 Start Time: 12:00:00

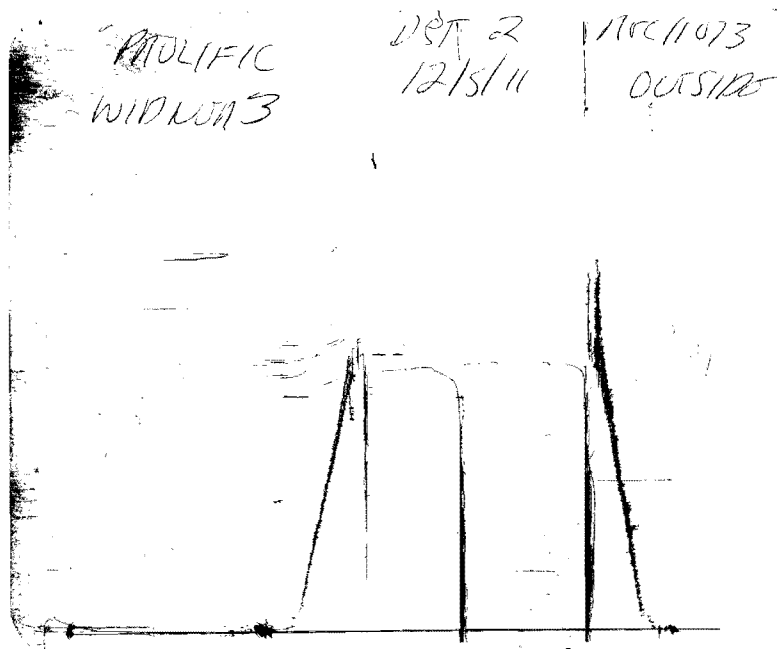
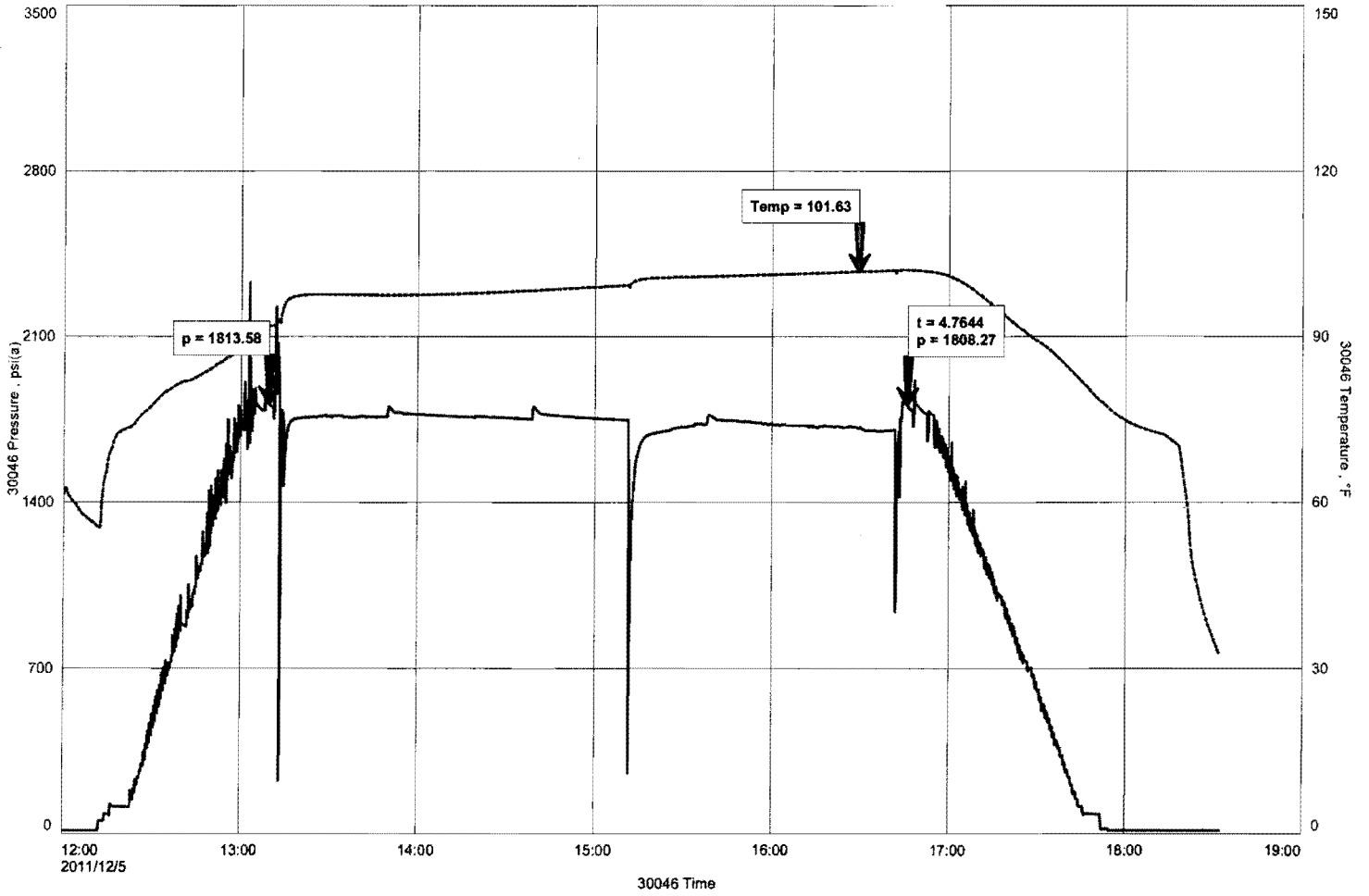
End Date: 2011/12/05 End Time: 18:20:00

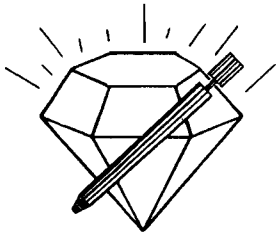
Report Date: 2011/12/05 Prepared By: JOHN RIEDL

Remarks: Qualified By: JEFFREY BURK

MISRUN; PLUGGED TOOL+ANCHOR RECOVERY: 30' HEAVY MUD

# A. C. WIDENER FARMS #3





# DIAMOND TESTING

P.O. Box 157  
HOISINGTON, KANSAS 67544  
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STC 30046.D1070

Company Prolific Resources, LLC Lease & Well No. A. C. Widener Farms No. 3

Elevation 1860 KB Formation Arbuckle Effective Pay -- Ft. Ticket No. J2866

Date 12-6-11 Sec. 15 Twp. 22S Range 12W County Stafford State Kansas

Test Approved By Jeffrey A. Burk Diamond Representative John C. Riedl

Formation Test No. 3 Interval Tested from 3,597 ft. to 3,671 ft. Total Depth 3,671 ft.

Packer Depth 3,592 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,597 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set          ft.

Top Recorder Depth (Inside) 3,600 ft. Recorder Number 30046 Cap. 6,000 psi

Bottom Recorder Depth (Outside) 3,668 ft. Recorder Number 11073 Cap. 4,000 psi

Below Straddle Recorder Depth          ft. Recorder Number          Cap.          psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 120 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 50 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.1 Water Loss 8.9 cc. Drill Pipe Length 3,451 ft. I.D. 3 1/2 in.

Surfides 6,000 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 2 Anchor Length 74 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, 3 in., blow decreasing to 1 in. Flushed tool & built back to 2 ins. No blow back during shut-in.  
2nd Open: Weak, 2 in., blow throughout. No blow back during shut-in.

Recovered 100 ft. of gas in pipe

Recovered 80 ft. of slightly gas & oil cut mud = .393600 bbls. (Grind out: 3%-gas; 3%-oil; 94%-mud)

Recovered 80 ft. of TOTAL FLUID = .393600 bbls.

Recovered          ft. of         

Recovered          ft. of         

Remarks         

Time Set Packer(s) 6:15 ~~P.M.~~ A.M. Time Started Off Bottom 9:30 ~~P.M.~~ A.M. Maximum Temperature 96°

Initial Hydrostatic Pressure ..... (A) 1760 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 48 P.S.I. to (C) 63 P.S.I.

Initial Closed In Period ..... Minutes 45 (D) 179 P.S.I.

Final Flow Period ..... Minutes 60 (E) 68 P.S.I. to (F) 75 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 144 P.S.I.

Final Hydrostatic Pressure ..... (H) 1747 P.S.I.

## GENERAL INFORMATION

### Client Information:

Company: PROLIFIC RESOURCES

Contact: DARRELL WILLINGER

Phone: Fax: e-mail:

### Site Information:

Contact: JEFFREY BURK

Phone: Fax: e-mail:

### Well Information:

Name: A. C. WIDENER FARMS #3

Operator: PROLIFIC RESOURCES

Location-Downhole:

Location-Surface: S15/22S/12W

### Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JEFFREY BURK

Test Type: CONVENTIONAL Job Number: D1070

Test Unit:

Start Date: 2011/12/06 Start Time: 04:00:00

End Date: 2011/12/06 End Time: 11:30:00

Report Date: 2011/12/06 Prepared By: JOHN RIEDL

Qualified By: DARRELL WILLINGER

### Remarks:

RECOVERY: 100' GAS IN PIPE, 80' SLIGHTLY GAS+OIL CUT MUD



# A. C. WIDENER FARMS #3

