

CORPUS CHRISTI OIL AND GAS COMPANY

1960 HOUSTON NATURAL GAS BLDG.
1200 TRAVIS
HOUSTON, TEXAS 77002

cc: Bob Peabler
D/C

Mr. H. Roice Nelson, Jr.
Landmark Graphics Corporation
333 Cypress Run, Suite 100
Houston, Texas 77079

October 19, 1990

Log.
Link history

Dear Roice,

I am writing to confirm your talk on new interpretation methods, and to let you know that the schedule for the November 1, 1990 Users Group meeting is now very near its final form.

I thought you might like to see a copy of the newest agenda so as to avoid as many surprises as possible on the day of the meeting. I have allotted 30 minutes for your presentation. If this poses a problem, please let me know as soon as possible.

We plan to have an overhead, slide projector, light pointer, VHS VCR, and easel available. Please let me know if you need any additional materials.

Very truly,

David Scolman

David Scolman

**Proposed Agenda
North America Landmark Users Group
Nov. 1, 1990 Annual Meeting**

| Time | Topic | Presenter |
|---------------|---------------------------------|------------------|
| 8:00 - 8:30 | Continental Breakfast | |
| 8:30 - 8:35 | Introduction of Companies | HALUG |
| 8:35 - 8:40 | Introduction of Landmark | HALUG |
| 8:40 - 8:50 | Opening Comments | HALUG |
| 8:50 - 9:20 | Large 2-D Datasets | BP |
| 9:20 - 9:50 | GOM Fault Interpretation | CCOG |
| 9:50 - 10:00 | Break | |
| 10:00 - 10:30 | Color as an Interpretation Tool | Marathon |
| 10:30 - 11:00 | Data Loading | Woodlands |
| 11:00 - 11:30 | Depth Conversion | Energy Analysts |
| 11:30 - 12:30 | Lunch Break | |
| 12:30 - 1:00 | The New Interpreter | Roice Nelson |
| 1:00 - 1:10 | Review of 1989 Minutes | HALUG |
| 1:10 - 1:20 | Client Services | Larry White |
| 1:20 - 1:30 | TARs | Chris Ring |
| 1:30 - 1:40 | Rt Abandonment and Trade-up | Susan Welch |
| 1:40 - 1:50 | Future Developments | Chris Ring |
| 1:50 - 2:00 | Recent Acquisitions by LGC | Susan Welch |
| 2:00 - 2:15 | Break | |
| 2:15 - 3:45 | Statements of Concern | All Participants |
| 3:45 - 4:00 | Landmark Rebuttal | Landmark |
| 4:00 - 4:30 | Open Forum | |
| 4:30 - 7:00 | Reception | |

18 October 1990

Dave Scolman
Corpus Christi Oil and Gas
1200 Travis Suite 1960
Houston, TX 77002

Dear Dave,

This is not a very formal abstract, but hopefully is what you need. My understanding is that I will give a 30 minute talk Thursday 01 November 1990 at the users meeting at the Marathon 10th floor parking complex. You will provide 2 slide projectors and a VHS VCR. I have another meeting at 4:30 and need to leave the users meeting by 4:00.

Thanks for the invitation. Hope this is along the lines of what you need.

Best Regards,

H. Roice Nelson, Jr.

cc: Bob Peebler

ABSTRACT
The Next Step in Interactive Interpretation

H. Roice Nelson, Jr.
Landmark Graphics Corporation

Interactive interpretation tools have matured over the last few years. Now is the time for interpreters to creatively figure out how to use these tools to find more oil and gas. This presentation will attempt to demonstrate this need by presenting examples of orthogonal thinking on using interactive interpretation technology in oil and gas exploration. The examples will include: loading constant velocity stacks as 3d projects; deriving the lateral extent and orientation of anisotropy from converted S-waves data; satellite imagery data manipulation using a horizon file; interpreting ground penetrating radar; integrating magnetic residual maps with limited seismic to determine basement fault trends (and by implication more recent); temperature, heat flow, and its relationship to fluid flow and hydrocarbon accumulations; and stratigraphic interpretation of sequence boundaries, with examples from a submarine fan, an alluvial fan, contourites, and estimation of stratal continuity in deep water sequences.

LYNK
Velocity
Phonetic Model
Magnetics (Parker)
Ground Penetrating Radar
Cocorp Data
Satellite
Magnetics
Gravity
Lithology
Steve Tobias Fault Interpretation.
Stratal continuity
Contourite Basins.
Chinese alluvial fan
Submarine fan.