



Oil and Gas Projects and Archaeologists:

Cooperation or Chaos?

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Abstract



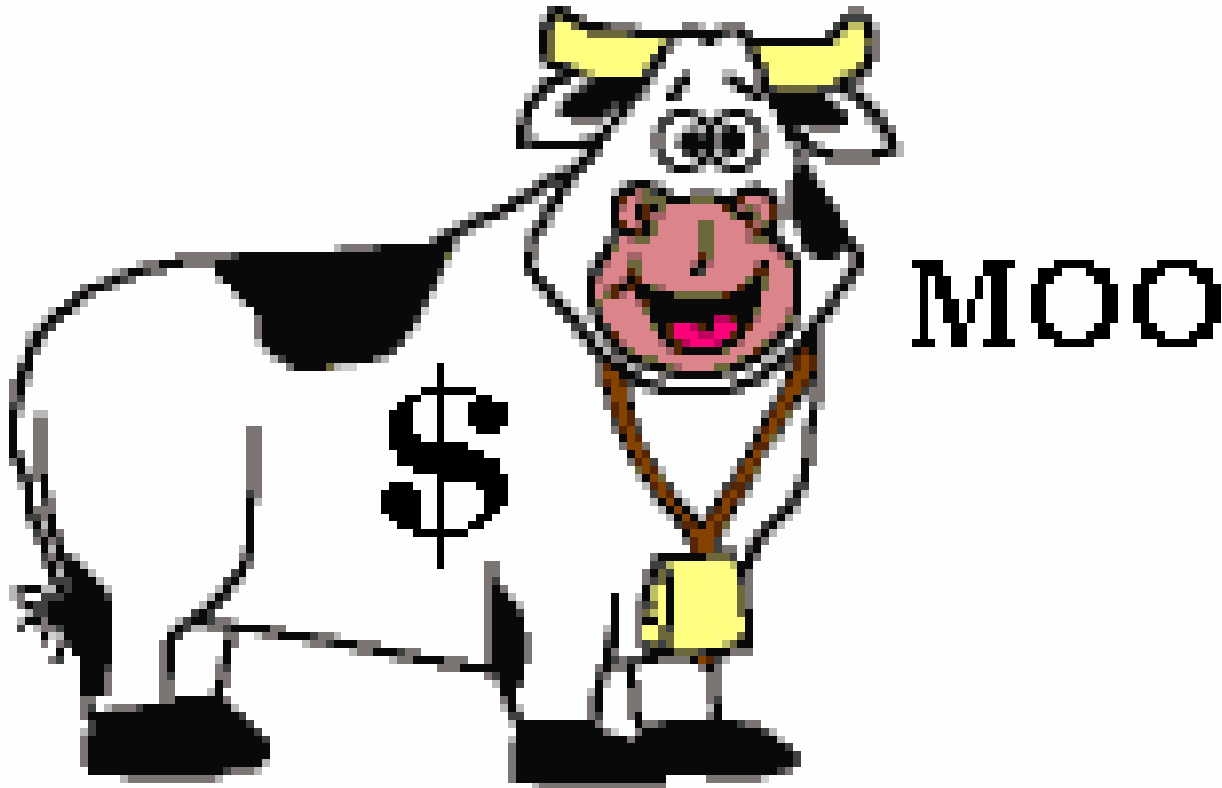
- **Cooperation between oil and gas companies and the archaeologists that they hire for a project is intrinsic to completing that project on time.**
 - A great amount of time and money can be wasted if the two entities are constantly bumping heads. Both are coming from seemingly two different directions toward a common goal, to complete the project.
 - The energy company wants to get their project up and running as quickly and as much under budget as they can, while the archaeologist's job is to locate, evaluate, and protect cultural resources.
 - It is important that the two understand the goals of the other and work together to achieve those goals. This talk will examine what is involved for a successful collaboration between the two and how to make it work.

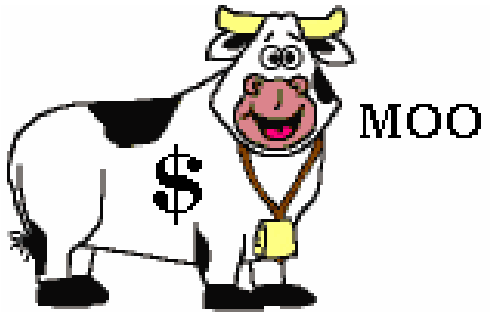
How some Energy Companies see Archaeologists





How some Archaeologists see energy companies





Gotta get these working together



WITHOUT

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Butting heads!!!!



The Archaeologist's Job:

- Survey to locate archaeological and Historical sites
- Recommend best procedures for the protection of said sites if they need protection
- Work with the oil or gas company to achieve the common goal





The Archaeologist's Job

- Know the various Laws and Regulations



LOTS OF LAWS AND NUMBERS

- **National Historic Preservation Act of 1966 (Public Law [PL] 89-665), as amended in 1974, 1976, 1980, and 1992;**
- **National Environmental Policy Act of 1969 (PL 91-190. 83 Stat. 915, 42 USC 4321, 1970);**
- **Uniform Rules and Regulations of the Antiquities Act of 1906 (36 CFR Part 251, Subpart B, 36 CFR Part 296),**
- **Procedures of the Advisory Council on Historic Preservation (36 CFR 800),**
- **Clear Water Act (Section 404),**
- **River and Harbors Act (Section 10)**
- **And each state**
- ***JUST TO START WITH***

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Each Region is Different!

- Each region is different**
- Each state is different**
- Each Agency is different**



The Archaeologist's Job

- know the various laws and regulations

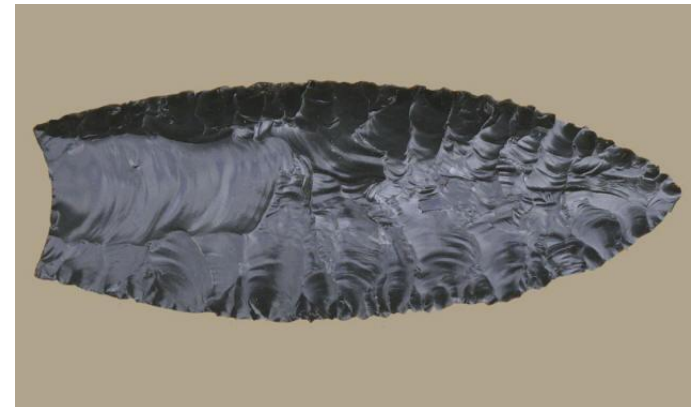
The Archaeologist's Job

- know the various laws and regulations
- **Be the buffer between the agencies and the energy companies when it comes to cultural resources**



The Archaeologist's Job

- know the various Laws and Regulations
- Be the buffer between the agencies and the pipe companies
- **Use common sense**



Use Common Sense

(I know...rare)

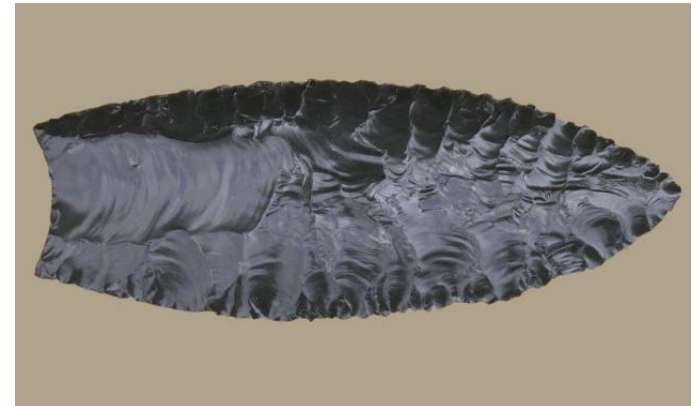
- As much as we want to, archaeologists **cannot** save everything
- Each survey is different
- Be flexible



The Archaeologist's Job

- know the various Laws and Regulations
- Be the buffer between the agencies and the pipe companies
- Use common sense

And do it efficiently



The Archaeologist's Job

- know the various Laws and Regulations
- be the buffer between the agencies and the energy companies
- Use common sense
- do it efficiently

So the Oil & Gas companies can go about doing what they do best.....

Putting pipes in the ground



Powering these Countries

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How to Achieve the Goals....

Comes down to two primary things:



Cooperation

cooperación

сотрудничество

تعاون

Zusammenarbeit

Communication

اتصالات

Kommunikation

СВЯЗЬ

comunicación

Communication

TIME

TIME

FRUSTRATION

Communication

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TIME

FRUSTRATION

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Non-Communications

- Creates Chaos on projects

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- Archaeologists have to give news good or bad

Non-Communications

- Creates Chaos on projects
- Too many communication channels
- Archaeologists have to give news good or bad
- Oil & Gas Companies have to keep the archys in the loop

Oil and Gas Companies..

What to watch out for

- Too cheap (you get what you pay for)
- you want to hire and use a company with a proven track record on oil & gas projects specifically
- if you are running a multistate project, it is best to use a company that holds multistate permits (better one than many)
- Know the archaeologists that you hire
- Bring the archaeologists in on a project early and not as an after thought
- Hire archaeologists that can do all aspects of the job, survey, testing, excavation, and monitoring.

Archy's see things differently



**WHAT LOOKS LIKE
A CREEK BOTTOM..**

BECOMES.....

The Oregon Trail



What looks like a pile of leaves



A long forgotten cemetery





What starts off as a rock



Becomes a 1200 year old storage bin

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What could disrupt construction?

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- Any unexpected finds during construction would NOT halt a project.

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What could disrupt construction?

- Any unexpected finds during construction would NOT halt a project.
- A good archaeologist should create a Scope of Work (SOW) outlining a plan of action in the event of an unexpected find.
 - SOW should be given to the client who then distributes copies to all relevant parties.

What could disrupt construction?



- **NHPA**
- **Antiquities Act**
- **Native American Graves Protection and Repatriation Act (NGPRA)**
- **Each state and federal agencies has their own laws.**

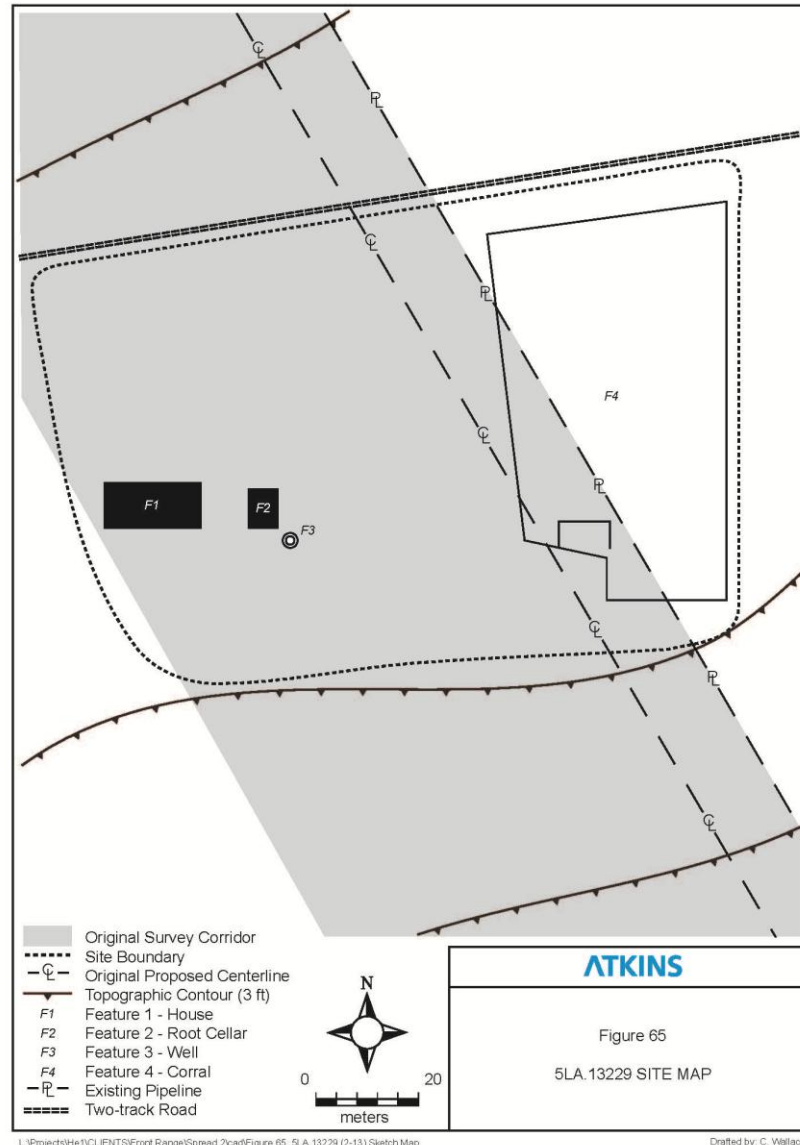
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What could disrupt construction?



What could disrupt construction?



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Drafted by: C. Wallace

What could disrupt construction?



What would **NOT** disrupt construction?

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How to make it work

- Communicate early and often
- Cooperate for the common goal
- Use common sense



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Cooperation or chaos ?



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