

30-045-25834

## NEW MEXICO OIL CONSERVATION COMMISSION

|             |  |
|-------------|--|
| DATE        |  |
| FILE        |  |
| U.S.G.S.    |  |
| LAND OFFICE |  |
| DEPARTMENT  |  |

|                               |                                     |      |  |
|-------------------------------|-------------------------------------|------|--|
| STATE                         | <input checked="" type="checkbox"/> | FILE |  |
| 10. State Oil & Gas Lease No. |                                     |      |  |
| LC 3734                       |                                     |      |  |

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|                                                                                                                                  |  |                                                                                                            |  |                                                   |  |
|----------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------|--|
| 1. Type of Well<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> |  | 2. Type of Lease<br>SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> |  | 3. Unit Agreement Name                            |  |
| 4. Name of Firm or Leasee<br>Micks Oil & Gas, Inc.                                                                               |  | 5. Firm or Leasee Name<br>Bisti State                                                                      |  | 6. Well No.<br>2                                  |  |
| 7. Location of Well<br>P.O. Drawer 3307, Farmington, New Mexico 87499                                                            |  | 8. Field and Pool, or well name<br>Bisti Gallup Ext.                                                       |  | 9. County<br>San Juan                             |  |
| 10. Location of Well<br>T. 25N R. 13W S. 20E                                                                                     |  | 11. Proposed Depth<br>5000'                                                                                |  | 12. Formation<br>Gallup                           |  |
| 13. Proposed Depth<br>5000'                                                                                                      |  | 14. Formation<br>Gallup                                                                                    |  | 15. Rotary or C.T.<br>Rotary                      |  |
| 16. Approx. Date Work will start<br>Dec. 19, 1983                                                                                |  | 17. Approx. Date Work will start<br>Dec. 19, 1983                                                          |  | 18. Approx. Date Work will start<br>Dec. 19, 1983 |  |

## PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 10 1/2"      | 8 5/8"         | 32#             | 210'          | 140             | Surface  |
| 7 7/8"       | 4 1/2"         | 10.5            | 5000'         | 600*            | 1500'    |
|              |                |                 |               | *Two Stage      |          |

Attachments:

- 1) Progress
- 2) C102
- 3) Wellbore Map

APPROVAL EXPIRES May 28, 1984  
 UNLESS DRILLING IS COMMENCED.  
 STATE OF NEW MEXICO  
 OIL CONSERVATION DIVISION

RECEIVED

NOV 28 1983

OIL CON. DIV.  
DIST. 3

1. I HAVE SPACE TO SIGN THE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PROSPECTIVE ZONE AND PROPOSED NEW PRODUCTION.  
 2. I HAVE SPACE TO SIGN THE PROPOSED PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signature: \_\_\_\_\_ Title: President Date: 11/23/83

(This space for State Use)

APPROVED BY: [Signature] TITLE: SUPERVISOR DISTRICT #3 DATE: NOV 28 1983

DIVISIONS OF APPROVAL, IF ANY:

# Hicks Oil & Gas, Inc.

P.O. BOX 174  
FARMINGTON, NM 87401  
505-327-4902

Prognosis to Drill and Complete 4800' Gallup Oil Well

Section 2, Township 25 north, Range 13 west, San Juan County, New Mexico.

Date: May 13, 1983.

- 
1. Move in and rig up Drilling rig.
  2. Drill 12 1/4" hole to 200';. Set 8 5/8" - 23# casing at 200' with 210 sacks of cement.
  3. Wait on cement 12 hours. Nipple up and pressure test blow out preventor to 1000 psi.
  4. Drill out cement plug and drill 7 7/8" hole to 5000'. Drill with Benex and water until hole conditions require mud.
  5. Run Induction and Neutron Density logs.
  6. Run 4 1/2" - 10.5# casing and set a 5000' with approximately 600 sacks of cement to two stages.
  7. Release Drilling rig.
  8. Move in and rig up Completion rig.
  9. Drill out stage collar and clean out to desire depth.
  10. Run Gamma Ray Correlation log.
  11. Perforate and Fracture Treat with 70 quality foam in two stages.
  12. Test Well.
  13. Run rods and pump.
  14. Set production equipment and put on production.

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DIST. 3

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107  
Revised 10-1-78

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

All distances must be from the outer boundaries of the section.

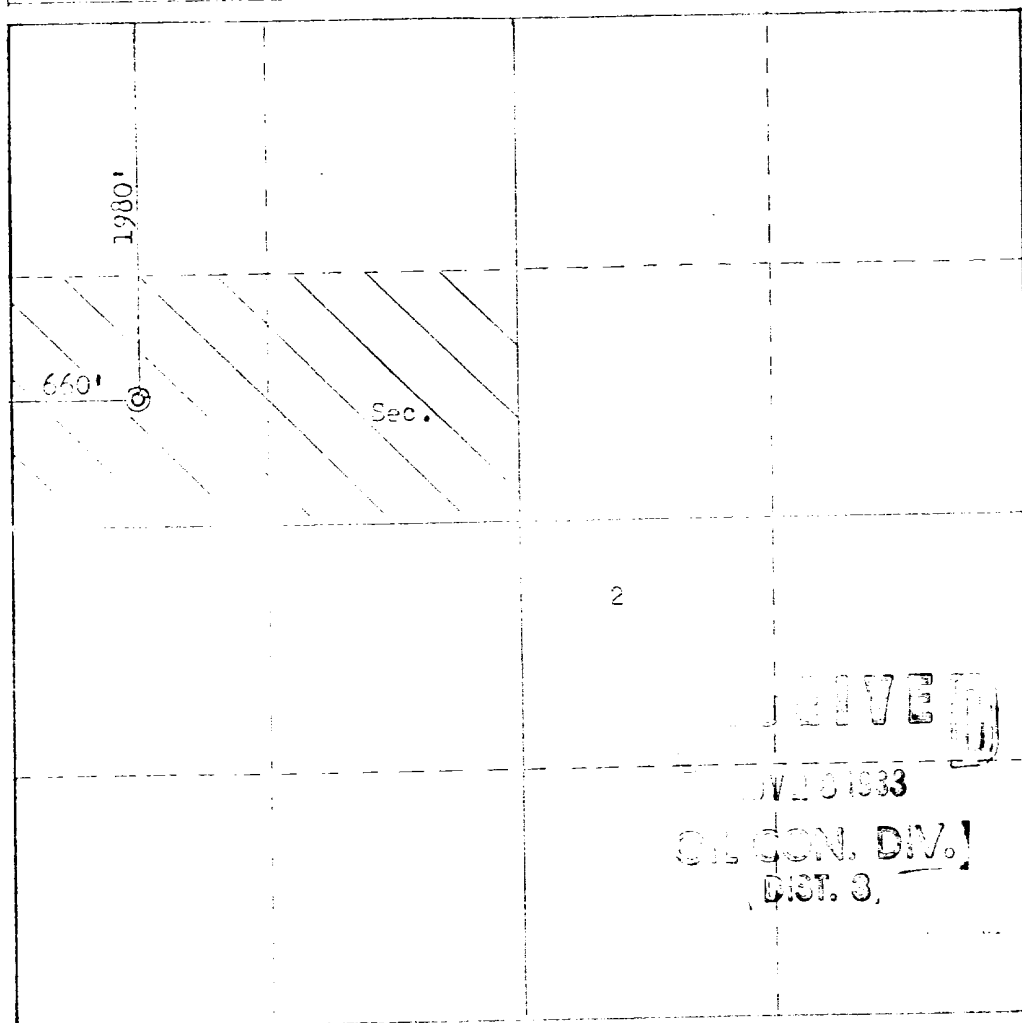
|                                                      |                                      |                                  |                                      |                           |                      |
|------------------------------------------------------|--------------------------------------|----------------------------------|--------------------------------------|---------------------------|----------------------|
| Operator<br><b>HICKS OIL &amp; GAS, INCORPORATED</b> |                                      |                                  | Lease<br><b>Bisti-State 1G3734</b>   |                           | Well No.<br><b>2</b> |
| Tract Letter<br><b>1</b>                             | Section<br><b>2</b>                  | Township<br><b>25N</b>           | Range<br><b>19W</b>                  | County<br><b>San Juan</b> |                      |
| Actual Footage Location of Well:                     |                                      |                                  |                                      |                           |                      |
| <b>80</b>                                            | feet from the <b>North</b>           | line and                         | <b>560</b>                           | feet from the <b>West</b> | line                 |
| Level Elev.<br><b>65</b>                             | Producing Formation<br><b>Gallup</b> | Pool<br><b>Bisti Gallup Ext.</b> | Dedicated Acreage<br><b>80 Acres</b> |                           |                      |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



## CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

Mike Hicks

Position

President

Company

Hicks Oil &amp; Gas, Inc.

Date

November 23, 1983

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed Re-located

November 22, 1983

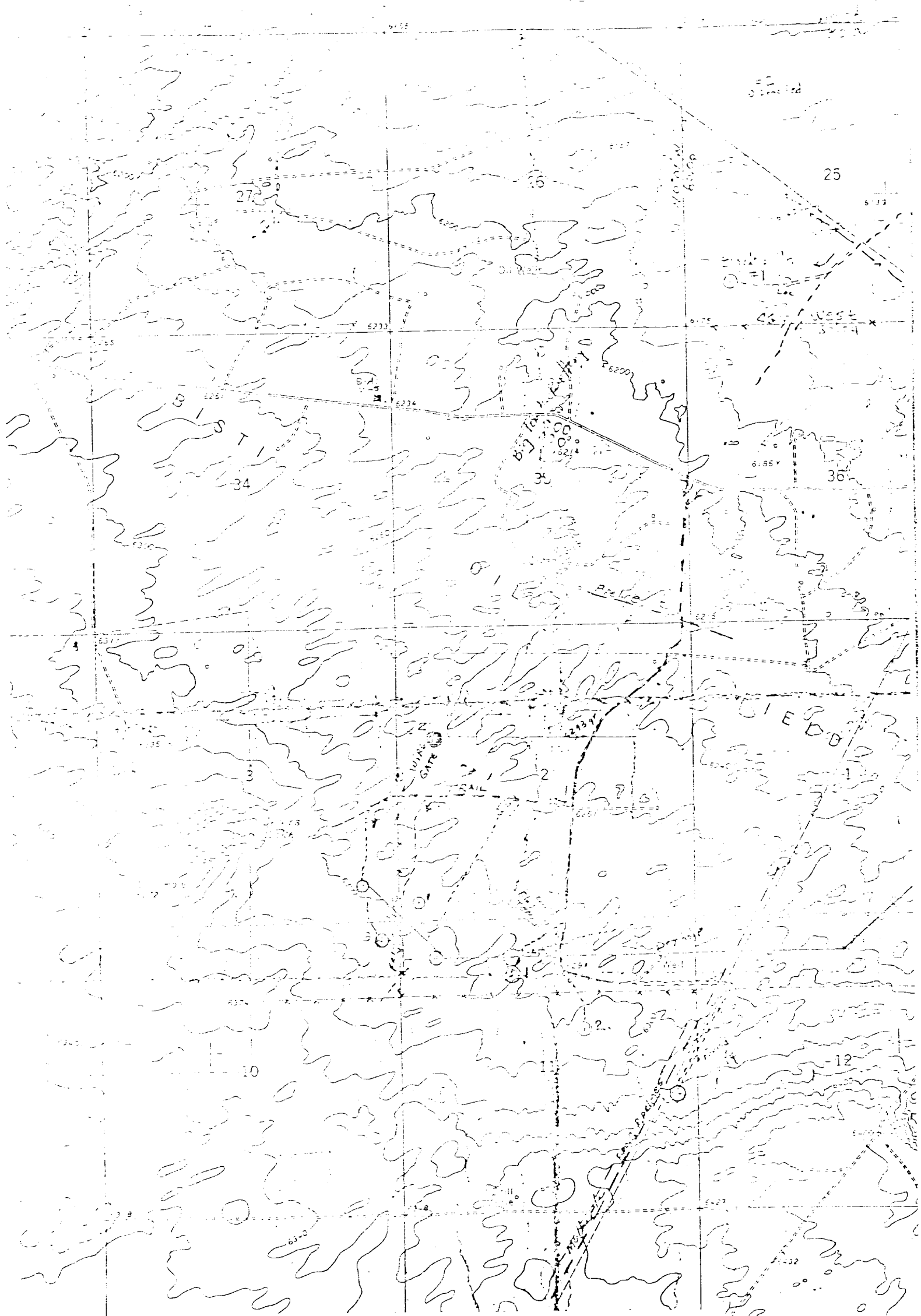
Registered Professional Engineer and Land Surveyor

Fred B. Smith Jr.

Date of this Survey

3/50

Scale: 1"=100'



Vicinity Map for  
HICKS OIL & GAS, INCORPORATED #2 BISTI-STATE  
1980'FNL 660'FWL Sec. 2-T25N-R13W  
SAN JUAN COUNTY, NEW MEXICO