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# N MEXICO OIL CONSERVATION COMMISE I WELL LOCATION AND ACREAGE DEDICATION PLAT

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Panhandie Eastern Company

P. O. Box 87 + Loco Hills, New Mexico 88255 + (505) 677-2411

May 11, 1981

MEXICO

Mr. Jim Gillham or Mr. Charles Flaherty United States Geological Survey P. O. Drawer 1857 Roswell, New Mexico 88201

> Re: Ballard Grayburg San Andres Unit Tract No. 5, Well No. 16 SW/4 of SE/4 Sec. 8, T18S, R29E Eddy County, New Mexico

Dear Mr. Gillham or Mr. Flaherty,

Bogle Farms, Inc. is the surface owner of the above captioned location. On May 11, 1981 arrangements were made with Mr. Millard Derrick (Ranch Foreman for Bogle Farms, Inc.) for the drilling of this location. Upon final abandonment, this location will be cleaned, leveled and all pits backfilled.

No Other restoration stipulations were required by Mr. Derrick.

Yours very truly,

Jerry E. Buckles, Area Supervisor

JEB/rk

#### DATA SHEET

This data sheet is provided in reference to the attached Application for Permit to Drill" Anadarko's: BGSAU - Tract No. 5, Well No. 16

1. Location: 400' FSL & 2130' FEL Sec. 8, T18S, R29E, Eddy County, New Mexico

2. Elevation: 3507.3' GL

- Triassic-Doakum (Santa Rosa) 3. Geological Name of Surface Formation:
- 4. Type of Drilling Tools to be utilised: Rotary Tools
- 5. Proposed Drilling Depth: 2830'
- 6. Tops of Important Geological Markers:

T. Salt $ 330'$	7-Rivers 1270
B. Salt $ 900'$	Queen 1970'
Tansill 925'	<b>Grayburg 2320'</b>
Yates 970*	San Andres 2720'

7. Estimated Depth of Anticipated Water, Oil or Gas:

011 - - - - 2450' - 2720'

8. Casing Program:

8-5/8" - 24.0#, J-55 - New 4-1/2" - 10.5#, J-55 - New

#### Setting Depth of Casing: 9.

8-5/8" - 350' w/200 sx cement 4-1/2" - T. D. w/750 sx cement

# 10. Specifications for Pressure Control Equipment:

This Warton Rig is equipped with a Series 900 BOP with 4" Blind Rams, kill line and choke manifold; Payne Hydraulic Controls and Accumulator with remote controls. When nippling up, test BOP and Choke to 500 psi. Operate BOP equipment once a day, or as directed by Company Representative. See Exhibit #4 for BOP Schematic.

11. Mud Program:

Drill with Fresh Water Native Mud to 350'; drill from 350' to T D with brine Water; at T D sweep hole with a pit of high viscosity mud.

### 12. Testing, Logging & Coring Program:

- a. Testing: No drill stem tests will be conducted.
- No coring is planned. b. Coring:
- c. Logging: Open Hole logs will be run prior to running 42" casing.
- 13. Potential Hazards:

None are expected. Above described BOP should take care of any blowout problems. Numerous wells have been drilled in this area without problems.

# 14. Anticipated Starting Date & Duration:

Plan to begin drilling operations May 20, 1981. Approximately 6 days will be required to drill the well and 2 weeks for completion.

#### 15. Other Facets:

None.



Anadarko PRODUCTION COMPANY

A Panhandle Eastern Company

P. O. Box 67 • Loco Hills, New Mexico 88255 • (505) 677-2411

May 11, 1981

Bureau of Land Management P. O. Box 1778 Carlsbad, New Mexico 88220

Gentlemen:

Following is the "Surface Use and Operation Plan" for the drilling of Anadarko Production Company's Ballard Grayburg San Andres Unit Tract No. 5, Well No. 16 located 400' FSL & 2130' FEL Sec. 8, T18S, R29E, Eddy County, New Mexico.

1. Existing Roads - A small scale map is attached (Exhibit #1). It shows the location of this well in relation to Loco Hills, New Mexico Townsite.

A larger scale map (Exhibit #2) shows State Highway #360 and County Road #139 in blue. The existing caliche roads are shown in orange. An existing caliche road now crosses this location.

2. <u>Planned Access Roads</u> - It will not be necessary to build any new road. There will be no fence to cut or cattleguard to set.

3. Location of Existing Wells - All existing wells on lease are indicated on enclosed map. There are no exploratory wells being drilled within a two mile radius.

4. Location of Tank Batteries, Production Facilities and Lines - There is a central tank battery located on the Ballard Unit in the SW/4 of NW/4 of Sec. 8, T18S, R29E. All production on the Ballard Unit is piped to this central tank battery. Existing lease lines to central tank battery are shown in black; proposed line to location is dashed blue on Exhibit #2.

5. Location & Type of Water Supply - Fresh water to be used at drilling site will be supplied by I & W Trucking or Jim's Water Service and will be hauled from our Ballard Unit Water Plant and from Double Eagle Water Company (City of Carlsbad) taps in the Loco Hills area.

Brine water will be hauled by I & W or Jim's Water Service from B & E, Inc. located on County Road #139 approximately 10 miles Southwest of Loco Hills, New Mexico.

6. <u>Source of Construction Material</u> - All caliche will be hauled from an existing caliche pit located in the SW/4 of SW/4 of Sec. 8, T18S, R29E, Eddy County, New Mexico. This caliche belongs to the U. S. Government and is indicated on Exhibit #2 in green.



Fage 2 - "Surface Use and Operations Plan" - BGSAU - Tract - 5, Well No. 16

7. <u>Methods for Handling Waste Disposal</u> - Enclosed drill site plat (Exhibit #3) indicates location of drilling pits, reserve pit and rubbish pit. After sufficient time has elapsed to allow drilling fluids to dry, all pits will be closed and leveled. The rubbish pit adjacent to drilling site will be deep enough to contain all rubbish when covered and leveled.

8. Ancillary Facilities - There are no camps or airstrips planned.

9. <u>Well Site Layout</u> - Well site (Exhibit #3) has been staked and is indicated by red area on enclosed maps (Exhibits #1 & #2). Drilling site is a sandy area covered by sparse native vegetation. Drilling pad will be 6" of caliche measuring 90' East, 170' West, 80' North and 100' South. Drilling pad will blend with terrain since the topography is relatively flat.



### 10. Plans for Restoration of Surface - Commercial Well.

<u>Reshaped Topography</u> - Rubbish will be buried upon completion of drilling operations. All future rubbish will be removed by the individual generating same. <u>Caliche Pad</u> - Caliche drilling pad will remain intact until well is abandoned. <u>Road</u>

Timetable - The well should produce for several years.

### Plans for Restoration of Surface - Plugged and Abandoned Well.

Surface will be restored in accordance with all regulations in effect at the time of abandonment.

11. Other Information - Topography is generally flat, surrounded by small sand dunes. Soil Characteristics - Unconsolidated sand. Flora - Sparse grass and weeds. Fauna - Rabbits, rats, mice, birds and snakes. Other Surface Use Activities - Private grazing land. Surface Ownership - Private. Water Wells - None. Lakes, Streams and Ponds - None. Dwellings - None. Page 3 - "Surface Use and Operations Plan" - BGSAU - Trac<sup>(^)</sup>o. 5, Well No. 16

11. Other Information - continued. Other Facilities - None. Archaeological Sites - None. Historical Sites - None. Cultural Sites - None.

12. Operator's Representative -

Charles E. Copeland - - Office Phone - 677-2411 Home Phone - 396-4541 Michael L. Braswell - - Office Phone - 677-2411 Home Phone - 677-2223 Ronny W. Tice - - - - Office Phone - 677-2411 Home Phone - 677-2224

13. <u>Certification</u> - I hereby certify that I, or persons under my direct supervision, have inspected the proposed drilling site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Sweatt Construction Company or Jabo Rowland Construction Company and their contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

urhles Area Supervisor May 14, 1981 Jerry E. Buckles Date Title







0.1.1.1.4.







B O P Schematic

Exhibit#4

