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N MEXICO OIL CONSERVATION COMMISS WELL LOCATION AND ACREAGE DEDICATION PLAT

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1500 SERIES







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King Camp D	eep 🐨 👘 -1
1650' FSL &	1980' FEL
Sec. 28, T-	14S, R-29E

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APPLICATION FOR DRILLING

Harvey E. Yates Company King Camp Deep **Wet** -1 Chaves County, New Mexico

In conjunction with Form 9-331C, Application for Permit Drill subject well in Section 28, Township 14S, Range 29E, Chaves County, New Mexico, Harvey E. Yates Company submits the following ten items of pertinent information in accordance with the U.S.G.S requirements:

- 1. The geologic surface formation is quaternary alluvium and bolson deposits and othe surficial deposits.
- 2. The estimated tops of geologic markers are as follows KB measurement:

Yates	1069'
Seven Rivers	1284'
Bowers	1607'
Queen	1787'
Grayburg	2107'
San Andres	2385'
Glorieta	3904'
Tubb	5162'
Abo	5942'
Wolfcamp	7154'
Bursum	7542 '
Cisco	7816'
Strawn	8741'
Atoka	90 99'
Chester	9471 '
Lower Miss. Ls	9588 '
Woodford	10,063'
Siluro-Devonian	10,122'
Total Depth	10,300'
-	

3. We do not anticipate finding water but have listed the formations in which we anticipate finding oil or gas:

Queen at approximately 1787' Atoka at approximately 9099' Siluro-Devonian at approximately 10,122' Total Depth 10,300'

- 4. Proposed casing program: See Form 9-331C
- 5. Pressure control equipment: See Form 9-331C and Exhibit C
- 6. Mud program: See Form 9-331C
- 7. Auxiliary equipment: Blowout Preventer
- 8. Testing, logging and coring programs: Compensated Neutron Formation Density CNL, Dual Laterolog RXO and BHC Sonic. Possible coring in the Queen formation. Possible DST's in the Atoka and Devonian formations.
- 9. No abnormal pressures or temperatures are anticipated.
- 10. Anticipated starting date: As soon as possible after approval but not later than November 15, 1977.

RECEIVED

SURFACE USE PLAN

OCT 3 1977

HARVEY E. YATES COMPANY King Camp Deep **111** 1650' FSL & 1980' FEL - Sec. 28, T-14S, R-29E Chaves County, New Mexico U. S. GEOLOGIGAL SURVEY ARTESIA, NEW MEXICO

1. EXISTING ROADS:

- A. Exhibit A is a portion of a highway map showing the location of the proposed well. The location of this proposed well is approximately 20 miles east of Hagerman, New Mexico. Travel east from Hagerman on Highway 31 for approximately 18 miles. Turn north on the road that intersects Highway 31. Travel on this road for approximately 1.5 miles. At this point turn on ranch road to the west. Stay on this road for 6/10 of 1 mile; our proposed location is 2/10 of 1 mile southwest. The 6/10 of 1 mile of ranch road will have to be caliched. The balance of the existing road will have to be worked on but not caliched.
- B. Exhibit B is a plat showing all existing roads in the area, the portion of road that will have to be built and our proposed drillsite.

2. PLANNED ACCESS ROADS:

- A. We propose to build 2/10 of 1 mile of new road beginning at the existing ranch road and ending at the drillsite. This proposed road will be 12' wide and compacted caliche 6" thick will be used for both road and pad. The road has been staked.
- 3. LOCATION OF EXISTING WELLS:

A. This section does not have any wells located on it.

4. LOCATION OF TANK BATTERIES, ETC:

- A. In the event that we drill a producing well, all production facilities will be located on the pad that will be built. Plat of production facilities on proposed pad are on Exhibit E.
- 5. LOCATION AND TYPE OF WATER SUPPLY:
 - A. Water will be obtained from commercial sources.

6. SOURCE OF CONSTRUCTION MATERIALS:

- A. There is an existing caliche pit located in NE/4 of Sec. 19, T-14S, R-29E. The distance from this pit to our location is approximately 3 1/2 miles. We would like to open a new pit located in NE/SE of this section.
- B. Please contact Mr. Bill Sweatt with Sweatt Construction Company prior to the archaeological inspection so that he may accompany the Inspector to the location of the proposed new caliche pit.

Harvey E. Yates Company King Camp Deep Total 45-1 Chaves County, New Mexico Page 2

7. METHODS OF HANDLING WASTE DISPOSAL:

A. Waste will be buried in reserve pits at a depth of 24". The well site will be cleaned of all waste and this will be done within 30 days after completion of this well.

8. ANCILLARY FACILITIES:

A. None required.

9. WELLSITE LAYOUT:

- A. Exhibit D shows the relative location and dimensions of the well pad, reserve pits and major rig components.
- B. The terrain is rolling sand hills with mesquite and creosote bushes on the surface.
- C. The location of the corners of the well site and pits have been staked.

10. PLANS FOR RESTORATION OF THE SURFACE:

- A. After finishing drilling and/or completion operations, all equipment and other material not needed for further operations will be removed. Pits will be filled and the location cleaned of all trash and junk to leave the wellsite as pleasant in appearance as possible.
- B. If the proposed well is non-productive, all restoration and/or revegetation requirements of the Bureau of Land Management and the United States Geological Survey will be complied with and will be accomplished as quickly as possible. All pits will be filled and leveled within 90 days after abandonment.

11. OTHER INFORMATION:

- A. The surface is private and belongs to Bogle Farms. We will make arrangements with the surface owner to pay for any surface damages.
- B. The topography consists of rolling sand hills with mesquite and creosote bushes. No wildlife was observed but the usual inhabitants of this area are jackrabbits, reptiles, coyotes, etc.
- C. There are no ponds, lakes, streams or rivers in the area.
- D. There are no occupied dwellings or windmills in the area of the wellsite.
- E. There is no evidence of any archeological, historical or cultural sites in the area.

Harvey E. Yates Company King Camp Deep Super 1-1 Chaves County, New Mexico Page 3

12. OPERATOR'S REPRESENTATIVES:

A. The field representatives responsible for assuring compliance with the approved surface use and operations plan are:

Drilling - Peck Hardee, Jr. Harvey E. Yates Company Suite 1000 Security National Bank Building Roswell, New Mexico 88201 Office Phone: 505/623-6601 Mobile Phone: 915/683-4063

> Fred G. Yates Harvey E. Yates Company Suite 1000 Security National Bank Building Roswell, New Mexico 88201 Office Phone: 505/623-6601 Mobile Phone: 505/623-0989 Unit 4109 Home Phone: 505/622-5387

13. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite 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 Harvey E. Yates Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

And to Gute Vice President





EXHIBIT "B" Harvey E. Yates Company King Camp Deep The III 1650' FSL & 1980' FEL Sec. 28, T-14S, R-29E

