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It is proposed to complete well in the Grayburg-San Andres formations.

Production string will be cemented through pays, perforated and treated.

NM DOC

RECEIVED

JAN 31 1978

NSL

FIPIRES

U.S. GEULUGICAL SURVEY ARTESIA, NEW MEXICO

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive sone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.	BIGNED A	ym.	ZYma	TITL	Consulting	Engineer	DATE	Jan. 31	, 1978
	(This space for Fe	ederal or State	office use)	/	APPROVAL DATE	MAR	6 -	1978	
	APPROVED BY	DE Je	Lasa	2 TITL	ACTING DIST	RICT ENGINEER	DATE	MAR 6 -	1978
	THIS APPROVAL	IS RESCINDE	D IF OPERATION	NS *See Instruct	tions On Reverse Si	de			

NEW EXICO OIL CONSERVATION COMMISSIO WELL LOCATION AND ACREAGE DEDICATION PLAT

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Form C-102 Supersedes C-128 Effective 1-1-65

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				 	a	Certificate No	John W. West

SURFACE USE AND OPERATIONS PLAN

RECEIVED

WILLIAM A. & EDWARD R. HUDSON

Puckett "B", Well #27 25' FNL and 1345' FEL Eddy County, New Mexico Lease No. LC-029415-B (Development Well) JAN 31 1978

U.S. GEULUGICAL SURVEY ARTESIA, NEW MEXICO

Following is the Surface Use and Operations Plan for the drilling of the William A. & Edward R. Hudson - Puckett "B" well #27, located as shown above.

1. & 2. EXISTING ROADS AND PLANNED ACCESS

Exhibit "A" shows a map of the general area. The location of well can be reached by going west from Maljamar, New Mexico on U.S. Highway #82, a distance of approximately 4-1/3 miles. Turn south eastward at cattle guard marked by a "Hudson" sign. Go approximately 9/10 of a mile on dirt road, then go south approximately 1/4 of a mile. Turn west on lease road for 1/8 mile, then turn south and go approximately 5/8 of a mile. Turn west on new road and go about 700' to location. Exhibit "B" shows a more detailed map, scale 1" = 1,000'. This map shows wells, roads, tank batteries, camp, office, water injection plant, and flow lines.

3. LOCATION OF EXISTING WELLS

Wells are shown on both Exhibits "A" and "B". On Exhibit "B", producing wells are indicated by solid dots and water injection wells are indicated by circles.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

Proposed well location is shown on Exhibit "B" by the red circle. Fluids produced from well will go to present tank battery and new flow line connecting well into present gathering system is shown by the blue dashed line. Flow line will be buried.

5. LOCATION AND TYPE OF WATER SUPPLY

Water for drilling the well will be obtained from a water supply tank, located 1/4 mile to the north. A temporary line will be laid on the surface from well to tank. If supply is not adequate, another line may be laid to water injection system.

6. SOURCE OF CONSTRUCTION MATERIALS

Caliche for surfacing access road and location pad will either be obtained near well location, or will be obtained from an existing pit located about 1/8 mile northeast of location. The pit is located on Federal land.

7. METHOD OF HANDLING WASTE DISPOSAL

- A. Drill cuttings will be disposed of in drilling pits.
- B. Drilling fluids will be allowed to evaporate in the drilling pits until pits are dry.
- C. Oil produced during tests will be stored in test tanks, or stored in battery until sold.
- D. Current laws and regulations pertaining to the disposal of human waste will be complied with.
- E. Trash, waste paper, garbage and junk will be buried in separate trash pit and covered with a minimum of 24 inches of dirt. Location of trash pit is shown on Exhibit "C".
- F. All trash and debris will be buried or removed from well site within 30 days after finishing drilling and/or completion operations.

8. ANCILLARY FACILITIES

None.

9. WELLSITE LAYOUT

- A. Exhibit "C" shows the relative location and dimensions of the well pad, mud pits, reserve pit, trash pit and location of major rig components.
- B. Only minor levelling of the well site will be required.

10. PLANS FOR RESTORATION OF THE SURFACE

- A. After completion of drilling and/or completion operations, all equipment and other material not needed for operations will be removed. Pits will be filled and location cleaned of all trash and junk to leave wellsite in as good a condition as possible.
- B. Any unguarded pits containing fluids will be fenced until they are filled.
- C. After abandonment of the well, surface restoration will be in accordance with agreement with the surface owner. Pits will be filled and location cleaned. The pit area, well pad, and all unneeded access roads will be ripped to promote revegetation. Rehabilitation should be accomplished within 90 days after abandonment.

11. OTHER INFORMATION

- A. Topography: Land surface is relatively flat with small hill areas and sand dunes.
- B. Soil: Soil is deep sand underlain by caliche.

- C. Flora and Fauna: The vegetative cover is generally sparse and consists of mesquite, yucca, shinnery oak and very little native grass. Wildlife is typical of semi-arid desert land and includes coyotes, rabbits, rodents, reptiles, dove and quail.
- D. Ponds and Streams: There are no rivers, streams, lakes or ponds in the area.
- E. Residences and Other Structures: There are personal dwellings, office and waterflood plant in the north half of Section 24, as shown on Exhibit "B".
- F. Land Use: Grazing and hunting in season, although the principal use is production of oil.

12. OPERATOR'S REPRESENTATIVE

The field representative responsible for assuring compliance with the approved surface use and operations plan is as follows:

Mr. Dwaine Howard 1007 West Dallas Avenue Artesia, New Mexico 88210 Home Phone: 746-9489 Office Phone: 676-2266

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 William A. & Edward R. Hudson and their contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

31, 1978

RATPH & CRAV

Consulting Engineer.

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WEK DRILLING CO., INC. RIG #1 LOCATION & MUD PIT SPECS.



Schaeffer Type E 10 Series 900 Hydraulic BOP. The waste and debris from this well will be disposed of in a reserve pit and covered up.

Exhibit C