

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

Submit this notice in TRIPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL		NOTICE OF INTENTION TO DRILL DEEPER	
NOTICE OF INTENTION TO PLUG WELL		NOTICE OF INTENTION TO PLUG BACK		NOTICE OF INTENTION TO SET LINER	
NOTICE OF INTENTION TO SQUEEZE		NOTICE OF INTENTION TO ACIDIZE		NOTICE OF INTENTION TO SHOOT (Nitro)	
NOTICE OF INTENTION TO GUN PERFORATE		NOTICE OF INTENTION (OTHER)	X	NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICOMidland, Texas
(Place)August 7, 1958
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the **Featherstone Federal Lease (06171A)****Champlin Oil & Refining Company's**
(Company or Operator)Well No. **1** in **P**
(Unit)**SE** $\frac{1}{4}$ **SE** $\frac{1}{4}$ of Sec. **6**, T. **14S**, R. **33E**, NMPM., **Baum (Wolfcamp)** Pool
(40-acre Subdivision)**Lea** County.FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

1. Pull the 2" and 1" parallel tubing strings.
2. Set a Baker Model "B" production packer at approximately 9,900'.
3. Run the 2" NUE tubing string through the packer. This string will include a seating arrangement for a casing Free Kobe pump. A pump will then be run.
4. Place the well back on production.

Approved....., 19.....
Except as follows:Approved
OIL CONSERVATION COMMISSIONBy.....
Title.....**Champlin Oil & Refining Company**
Company or OperatorBy *P. E. Blowers*
Position **District Engineer**
Send Communications regarding well to:Name **Champlin Oil & Refining Company**
Address **P. O. Box 1797 - Midland, Texas**

Champlin Oil & Refining Co.

P. O. BOX 1797
MIDLAND, TEXAS

August 6, 1958

RECEIVED
OCT 15 1958
OFFICE GOC

Mr. A. L. Porter, Jr.
Secretary-Director
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Sir:

Champlin Oil and Refining Company operates the Federal lease (06171-A), Baum (Welfcamp) Field, Lea County. The No. 1 well on this lease is not being effectively produced by the producing arrangement now being utilized; therefore, Champlin, with the approval of the New Mexico Oil Conservation Commission, proposes changing the method of production as herein described.

The well is now being produced by a parallel (2" x 1"), free Kobe pump. The 2" tubing carries power oil to the hydraulic bottom hole pump, and both the power oil and the formation fluid are transmitted back to the surface through the 1" tubing.

The proposed installation, a Casing Free Kobe, will involve setting a permanent type packer above the perforations. The 2" tubing will then be run through the packer, and a free hydraulic pump will be set in this string. Power oil will be injected down the 2" tubing to the bottom-hole pump, and both the power oil and the formation fluid will be returned through the annular area to the surface, where it will discharge to the heater treater at approximately 40 psig.

This proposed installation is a very common solution to some of the problems inherent in bottom-hole hydraulic pumping—for instance high power oil pressures and paraffin difficulties in the 1" string. Its chief disadvantage is in the handling of excessive amounts of gas.

Champlin respectfully requests your approval of the proposed installation at your earliest convenience. Thank you for your consideration in this matter.

Yours very truly,
CHAMPLIN OIL & REFINING CO.

C. E. Beavers
C. E. Beavers
District Engineer

CEB:bg
Encl:
Diagramatic Sketch Attached

cc: A. L. Porter, Jr. (2)

P. O. BOX 1787
MIDLAND, TEXAS

REF ID: A66666

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Operating in the field of international relations, the Commission has been able to establish a wide range of contacts with the various countries of the world. It has been able to establish a wide range of contacts with the various countries of the world. It has been able to establish a wide range of contacts with the various countries of the world.

The well is now being produced by a parallel "C" line pump, the "B" tubing carries power oil to the hydraulic bottom hole pump, and both the power oil and the formation are transmitted back to the surface through one "A" string.

The proposed installation, a Casing Tree Hole, will involve drilling a permanent type well to a depth of 100 feet. The 2" tubing will then be run through the hole, and a free hydraulic pump will be set in this string. Power oil will be injected down the 2" tubing to the bottom-hole pump, and both the power oil and the formation fluid will be returned through the annular space to the surface, where it will be discharged to the water trough at approximately 40 psi.

the ease of maintenance is a very common objection to some of the proposed installations. The problem inherent in bottom-hole pressure pumping--for instance--is that the power oil pressure and potential difficulties in the "downhole" are offset by the handling of excessive amounts of gas.

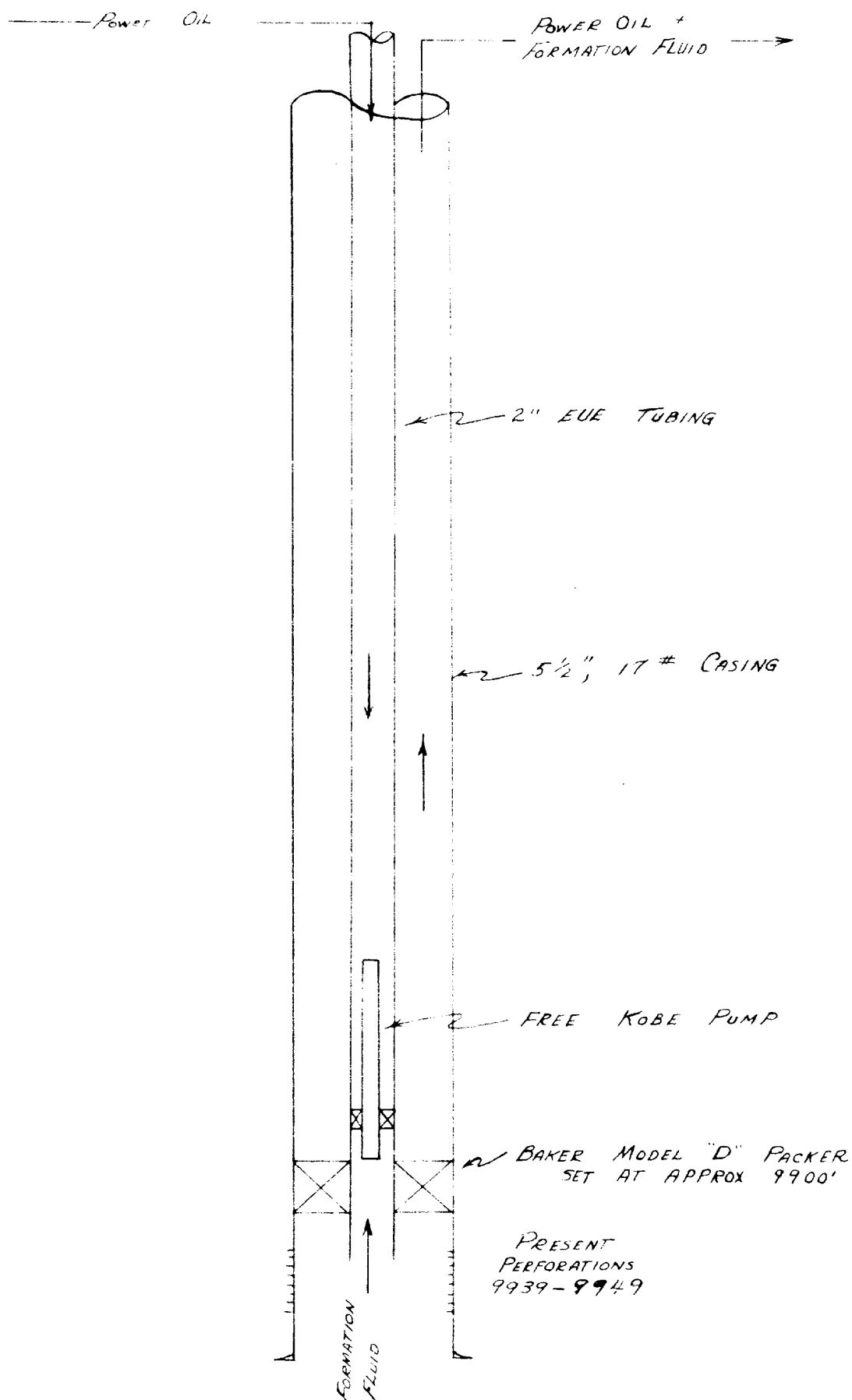
action in this matter.

James Earl Ray
 1001 1/2 N. 4th St. Apt. 101
 Minneapolis, Minn. 55412

[Signature]
STEVES
TASMANIA

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(S) 11, 75-769, 11, 107



PROPOSED PRODUCING METHOD
 CHAMPLIN OIL & REFINING COMPANY'S
 FEATHERSTONE FEDERAL WELL No. 1
 BAUM (WOLF CAMP) FIELD, LEA COUNTY