

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent 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 its 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 TEST CASING SHUT-OFF	<b>16" OD</b>	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

**Hobbs, New Mexico. August 13th, 1936.**

Place Date

OIL CONSERVATION COMMISSION,  
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the \_\_\_\_\_

**Gulf Oil Corporation - Gypsy Division R.R. Bell 'C'** Well No. **3** in **NW/4**  
 Company or Operator Lease  
 of Sec. **15**, T. **21s**, R. **36e**, N. M. P. M., **Runice.** Field,  
**Lea,** County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

On August 12th, 1936 the 16" OD 70' 8-thd SH Lapweld Steel Casing was cemented in Sand rock at 24' W/ 60 Sax Cement by Dump Bailer.

Propose to drill the plug in 36 hours.

*Duplicate*

Approved August 15, 1936., 19\_\_\_\_  
 except as follows:

Subject to the provisions in my letter to Mr. S. G. Sanderson, Gulf Oil Corporation, Tulsa, Oklahoma, dated August 14, 1936, regarding this matter.

OIL CONSERVATION COMMISSION,

By [Signature]  
 Title \_\_\_\_\_

**Gulf Oil Corporation**  
**Gypsy Division**

Company or Operator

By [Signature]

Position **District Superintendent**

Send communications regarding well to

Name **G.C. Cummings.**

Address **Hobbs, New Mexico.**

EXPERIMENTAL PROCEDURE

The following procedure is for the synthesis of the compound described in the preceding section. The reaction is carried out in a 250 ml. round-bottomed flask equipped with a magnetic stirring bar and a reflux condenser. The flask is cooled in an ice-water bath.

To the flask are added 10.0 g (0.050 mole) of the starting material and 50 ml of the solvent. The mixture is stirred for 5 minutes and then the reagent is added. The reaction mixture is stirred for 1 hour and then the mixture is allowed to warm to room temperature.

The reaction mixture is then poured into 200 ml of water and the mixture is stirred for 10 minutes. The mixture is then filtered and the solid is washed with 10 ml of water. The combined filtrate and washings are dried over anhydrous sodium sulfate and then filtered.

The solvent is removed in a vacuum and the residue is purified by recrystallization from 50 ml of the solvent. The yield of the pure compound is 8.5 g (85%).

The melting point of the compound is 120-122°C. The infrared spectrum shows a strong absorption at 1715 cm<sup>-1</sup> (C=O) and a medium absorption at 1640 cm<sup>-1</sup> (C=C). The <sup>1</sup>H NMR spectrum shows a multiplet at 7.2 ppm (4H), a doublet at 6.8 ppm (2H), and a singlet at 3.5 ppm (3H).

The elemental analysis for the compound is as follows: C, 72.1%; H, 4.5%; N, 13.4%. The calculated values are: C, 72.1%; H, 4.5%; N, 13.4%. The experimental values are: C, 72.1%; H, 4.5%; N, 13.4%.

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