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(Form C-102)
(Revised 7/1/52)

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS NOTICES

strict Office, Oil Conservation Commission, before the work specified is to begin. A copy will be furnished to the engineer 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)	☒	NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Hobbs, New Mexico
(Place)

12-10-64
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the Gulf Oil Corporation

(Company or Operator) West Pearl Queen Unit 28 Well No. 28-100 in J (Unit)
NW $\frac{1}{4}$ SE $\frac{1}{4}$ of Sec. 28, T. 19S, R. 35E, NMPM., Pearl Queen Pool
Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

TD 4945'. FB 4888'. It is proposed to drill out bridge plug at 4800' and cement to 4920', fracture treat and prepare well for waterflood injection service as per the attached procedure.

Approved 12-11-64, 19
Except as follows:

Approved
OIL CONSERVATION COMMISSION

By

Title

Gulf Oil Corporation
ORIGINAL COMPANY OPERATOR

By E. A. TURNER

Position Area Petroleum Engineer
Send Communications regarding well to:

Name Gulf Oil Corporation

Address Box 670, Hobbs, New Mexico

WEST BEARL QUEEN UNIT NO. 28-10
Recondition and prepare for Waterflood Injection Wise

Location: 1980° FSNEL Sec. 28-19S-35E, Lea Co., N.M.
 Present Status: "W" 2 bopd, 6 bopd test dated 9-19-61

Recommended Procedure

Ord. Elev = 3719'
 KDB to Grd = 12'

8-5/8" OD 32#
 J-55 csg set @
 314'. Cmtd w/300 sx.
 Cmt. Circ.

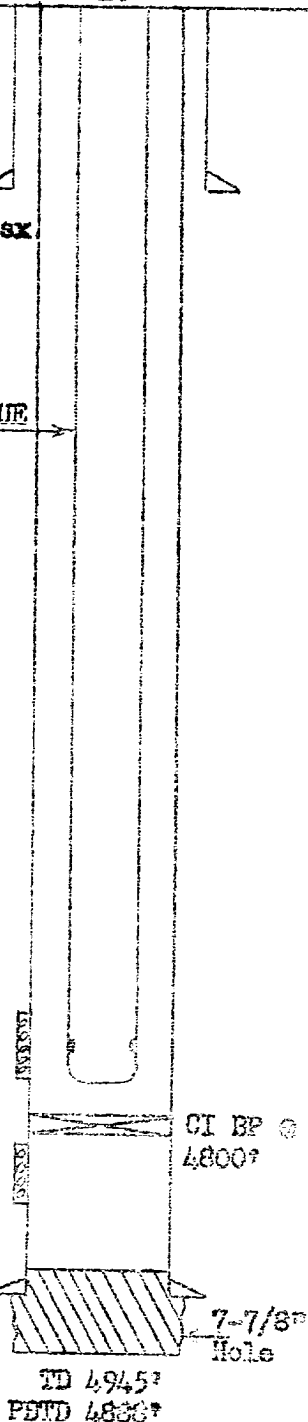
2-3/8" OD 4.70# EUE
 N-80 & J-55 tbg.
 Setting depth
 unknown

4708-4719'

perfs, 4, 1/2" SPF

4826-4836'

5 1/2" OD 15.50# J-55
 csg set @ 4931'.
 Cmtd w/200 sx.



1. Pull rods & tubing, install BOP.
2. Rerun tbg w/4-5/8" bit & 4DCs. Drill out bridge plug at 4800' & cement to 4920'. Circulate hole clean, then formation water as drilling fluid, POH.
3. Perforate by Frontier w/4 JHPF @ 4886-4888' & 4897-4899' & 4906-4908'.
4. Rerun 2-3/8" tbg open ended w/SN, standing valve, & retrievable frac pkr. Set pkr in blank csg interval 4836-4886'. Load & pressure test tbg to 4000 psi surface press. If OK, retrieve standing valve. Load tbg-csg annulus above pkr & attempt to maintain 500-1000# back press on annulus during treatment. Break down & treat new perms below pkr 4886-4908' w/total of 8500 gals gelled form wtr frac. The water addition, spearhead volume, sand concentration schedule & ball sealer spacing will be calculated & issued later. Plan to inject approx 16 7/8" OD RCMB sealers at intermittent intervals during last 5500 gals of treatment. Flush w/approx 20 bbls gelled wtr. Attempt to maintain 10 bpi inj rate. Try not to exceed 1500 psi surface treating press on tbg.
5. Leave well CI overnight, release pkr & check for gas. Fill up, then PT & pkr. CO to PBTD w/sd pump if req.
6. Rerun tbg, swab to clean up, then rerun R&P. Test well then return to production.
7. Whenever well is ready to convert to injection service, PR&P, install BOP, bottom up to check for gas. Fill up, then PT. CO to PBTD w/SP if required.
8. Run 5 1/2" 15.50# Gullberson Type "A" drillable pkr on tbg & set pkr @ approx 4746'. PT.
9. Run long string plastic coated inj tbg & dual pkr from bottom up as follows:
 - A. 2" x 2.612" Gullberson type ATI seal nipple w/ 2-3/8" EUE 8 RT Type P landing nipple (open end on bottom).
 - B. 2 jts (approx 60') 2-3/8" OD 4.70# EUE 8 RT 3-1/2" internally & externally plastic coated spacer.
 - C. 2-3/8" OD EUE 8 RT x 2-1/16" 3.25# 10 RT Integral jt 3-55 internally & externally plastic coated combination coupling.
 - D. 2-1/16" 3.25# 10 RT x 4' long integral jt R-Con-55 internally & externally plastic coated tbg sub.
 - E. 5 1/2" 15.50# Gullberson type "RHC-2" dual pkr w/erd & primary string tension release. Space out dual pkr to set @ approx 4680' (pkrs will straddle perf interval 4708-4719').
 - F. 2-1/16" 3.25# 10 RT R-Con-55 integral jt internally plastic coated tbg to surface.
10. Load seal nipple in Type A drillable pkr then set dual pkr in compression with 9000-10,000# weight.
11. Run short string 2-1/16" 3.25# 10 RT R-Con-55 integral. Set internally plastic coated tbg in compression w/9,000-10,000# weight.
12. Install dual well head copt & master valve.
13. Install meter runs & tie into lateral water supply line.
14. After fill up obtained & tbg stands full, load tbg-csg annulus w/water chemically inhibited for corrosion.