STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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DISTRIBUTION			
BANTA FE	1		
FILE	1-		
U.S.G.S.	1		
LAND OFFICE	1	i	
OPERATOR		-	

CONDITIONS OF APPROVAL, IF ANYI

OIL CONSERVATION DIVISION P. O. BOX 2088

Form C-103

FILE	SANTA FE, NEV	W MEXICO 87501	Revised 10-1
U.S.G.S.	-		5a. Indicate Type or Lease
LAND OFFICE	<u> </u>		State Fee
OPERATOR			5. State Oil 6 Gas Lease No.
01413	DV NOTICES AND THE		
(DO NOT USE THIS FORM FOR PR USE "APPLICA	RY NOTICES AND REPORTS ON TOPOSALS TO DRILL OR TO DELPEN OF PLUG INTERPRED PERMIT - " (FORM C-101) FOR SUITED PORTS OF THE PROPERTY OF THE PRO	WELLS SACE TO A DIFFERENT RESERVOIR. CH PROPOSALS.)	
OIL X GAB WELL	OTHER-		7. Unit Agreement Name
2. Name of Operator Townson Producting To	n.c		8. Farm or Lease Name
Texaco Producing Inc.		C. H. Weir "A"	
PO Box 728, Hobbs, New Mexico 88240		9. Well No.	
4. Location of Well		10. Field and Pool, or Wildcat	
UNIT LETTER F . 1980 FEET FROM THE NORTH LINE AND 1651 FEET FROM		Skaggs Drinkard	
		" Skaggs Dillikald	
THE West LINE, SECTION 12 TOWNSHIP 20S RANGE 37E NAPPM			
mmmmmm			
	15. Elevation (Show whether	DF, RT, GR, etc.)	12. County
16.	3580' KB		Lea
NOTICE OF I	Appropriate Box To Indicate N NTENTION TO:	Nature of Notice, Report or C	ther Data NT REPORT OF:
PER 'ORM REMEDIAL WORK			
T MPORARILY ABANDON	PLUG AND ABANDON	REMEDIAL WORK	AFTERING CASING
PULL OR ALTER CASING	CHANGE PLANS	COMMENCE DRILLING OPNS. CASING TEST AND CEMENT JOB	-UG AND ABANDOHMENT
· 		OTHER	٦
6 THER			
17. Describe Proposed or Completed Or	perations (Clearly state all pertined de-		
	perations (Clearly state all pertinent deta		
1) MIRUPU. Insta	all BOP. Release 2 3	/8" x 5 1/2" Baker 1	Lok-Set packer at
0004 · FOMET	1934 . Lower packer and tag PBTD /195'. Tally out of hole.		
2) If necessary,3) TIH with 3 1/2	clean out to PBTD with 4 3/4" bit. TOH.		
tubing. Press	-//- Creating packer on 3 1/2 , 3.3# N-OU (1de		
4) Run base log f	tubing. Pressure test into hole. Set packer at ± 6500. Run base log for frac survey.		
5) Load backside	5) Load backside of tubing. Pump 2000 gallons 15% NEEE agid and 20 gallons		
NL Checker-Sol mutual solvent into all perfs at 6614'-6930' (88 holes). Pump at 6 BPM, 2000#. Flush to packer with 2% KCL water. SI 1 hour.			
fump at a BPM,	, 2000#. Flush to pag	cker with 2% KCL wat	ter. SI l hour.
Pressure backs 6) Frac perfs at	66141-60201 + b 000	0 11	
6) Frac perfs at 6614'-6930' with 8000 gallons KCL water, 84,000 gallons 40# crosslinked gel, and 180,000# 20-40 sand. Add 20#/1000 gallons			
of Adomite Aqua to all liquids. Pump at 30 BPM, 6600# Tag frag			
with radioacti	ve material. Stage a	as follows:	· Lag IIac
A. Pump 4000	gallons 2% KCL water	as a pre-pad:	
B. Pump 14,00 C. Pump 4000	00 gallons 40# crossl	inked gel as pad;	
D. Pump 5000	gallons 40# Xlink gel	1 With 1 ppg sand (4	1000#);
E. Pump 6000	gallons 40# Xlink gel gallons 40# Xlink gel	1 with 2 ppg sand ()	LO,000#);
			L8,000#); (OVER)
io. I nereby certify that the information	above is true and complete to the best of	my knowledge and belief. 397	7-3571
On Hos)		
BIGHED CO.	TITLE HOL	bbs Area Superintend	lent _{ATE} 10/02/87
ORIGINAL SIGNED BY	JERRY SEXTON		
DISTRICT I SUP	ERVISOR		.QCT 9 1987

- Pump 7000 gallons 40# Xlink gel with 4 ppg sand (28,000#);
- Pump 6000 gallons 40# Xlink gel with 5 ppg sand (30,000#); Drop 44 ball sealers; repeat steps 6A. through 6G. Flush to top perf. SI well 4 hours.
- 7) Run after-frac survey. Tag PBTD.
- 8) Release packer and TOH.
- If necessary, TIH with bit and clean out sand to 7195'. 9)
- TIH with 2 3/8" x 5 1/2" Baker packer and 2 3/8" tubing. Set packer 10) at ± 6534'. Install wellhead.
- 11) Swab well to obtain flow. Test flowrate. RDPU.