orm 3160-5 (une 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

5. Lease Designa	HOU	ana.	SCI	AL 11
contract	4	2.4		
Contract	Ŧ.	<u> 24</u>		

SUNDRY NOTICES AN		
rm for proposals to drill o	r to deepen or reentr	y to a difførent reservoir.

6. If Indian, Allottee or Tribe Name Do not use this fo Use "APPLICATION FOR PERMIT—" for such proposals Jicarilla Apache 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE I. Type of Weil 8. Well Name and No. Jicarilla C 6 2. Name of Operator 9. API Well No. Texaco Exploration and Production Inc.

3. Address and Telephone No. 300390057090001 10. Field and Pool, or Exploratory Area 3300 N. Butler Farmington N.M. 87401 (505)325-4397
Location of Well (Footage, Sec., T., R., M., or Survey Description) Otero, Callup 11. County or Parish, State 1650' FSL & 1650' FEL of sec. 27, T25N-R5W Rio Arriba, NM CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION TYPE OF SUBMISSION

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Tr Name of Issuer	Abandonment	Change of Plans
Notice of Intent	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	Other	Dispose Water (Note: Report results of multiple completion on Well
		Completion or Recompletion Report and Log form)

Texaco Exploration and Production proposes to abandon the Dakota completion in the subject well and recomplete the well in the Mesa Verde formation. The attached procedure will be followed.

I hereby certify that the foregoing is true and correct	Tide	Area Manager	APPROVED AS AMENDED
(This space for Federal or State office use)	Title		AUG 1 8 1992
Approved by	ride	NMOCD	AREA MANAGER

the 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements representations as to any matter within its jurisdiction

^{3.} Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Jicarilla C 6 Mesa Verde Workover Procedure

- MIRUSU, NDWH, NUBOP.
- 2. POOH w/ Prod TBG.
- RIH w/ CMT RET on 2 3/8" prod TBG to ~7130', establish a rate and pressure 3. through RET and set. Abandon the Gallup completion by squeezing $\bar{w}/$ 35 sx CMT + CSG volume between CMT RET and TD. Sting out of RET and spot 2 BBLS CMT on top of RET. POOH w/ TBG.
- Press test CSG to 1000 psi. If CSG press test go to step 5. If CSG does not press test RIH w/ PKR and hunt leak. Identify top and bottom of leak. Evaluate CSG for repairs. If the CSG leak is located between 4379'and 5153' incorporated CSG repairs w/ Mesa Verde isolation.
- Following CSG repairs, RU wireline and run GR-CCL-TDT (run required CBL-VDL 5. in step 4). SDFE.
- 6. Perforate and stimulate Mesa Verde intervals determined from GR-CCL-TDT. Proposed intervals: (I) 4380'-4675' (II) 4740'-5085'

Intervals I and II to be completed and tested in two stages as follows.

Completion of interval II

- Perforate selected intervals. POOH and RD wireline.
 RIH w/ 5-1/2" PKR on 2-3/8" TBG, set PKR above perforated interval and flow test well through orifice well tester. Record flow data for Tight Gas Sand Designation. Flow well until a stabilized production rate is recorded.
- Acidize perforated interval using 25 Gal/net-ft, divert acid using 2 PPG gelled salt stages. Flow/Swab load and flow test.
- 4. Stimulate interval II, Stimulation to be determined following logging.
- Flow/Swab load and flow test interval. 5.
- POOH w/ TBG and PKR. RIH w/ 5-1/2" RBP on 2-3/8" TBG, set RBP above top perf of interval II. POOH w/ TBG.

Completion of interval I

- 1. Perforate selected intervals. POOH and RD wireline.
- RIH w/ 5-1/2" PKR on 2-3/8" TBG, set PKR above perforated interval and flow test well through orifice well tester. Record flow data for Tight Gas Sand Designation. Flow well until a stabilized production rate is recorded.
- Acidize perforated interval using 25 Gal/net-ft, divert acid using 2 PPG gelled salt stages. Flow/Swab load and flow test.
- Stimulate interval II, Stimulation to be determined following logging.
- Flow/Swab load and flow test interval.
- 7. Evaluate intervals I and II, if production is adequate RIH w/ production equipment. If production is not sufficient, SDF abandonment procedure.
- 8. NDBOP, NUWH (if necessary). RDMOSU.



JICARILLA C No. 6 Current Completion

WELL:

Jicarilla C No. 6 LOCATION:

1660' FSL & 1660' FEL, Unit J NW/4, SE/4, Sec. 27, T26N, R06W

Ria Arriba County

PROPOSED MESA VERDE PERFORATIONS:

4390' - 4575' 4740' - 5085'

Dakota Perforations:

7022' - 7200'

PBTD' - 7133'

