Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☒ Gas Well ☒ Other Condensate

2. Name of Operator
Texaco Exploration & Production Inc.

3. Address and Telephone No.
3300 N. Butler, Farmington N.M. 87401 (505)325-4397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1055' FSL & 790' FWL, Unit M
Sec. 9, T28N, R10W

5. Lease Designation and Serial No.
Fed. NM 048569

6. If Indian, Allottee or Tribe Name
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7. If Unit or CA, Agreement Designation
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8. Well Name and No.
Mexico Federal "K" #1

9. API Well No.
30-045-07569

10. Field and Pool, or Exploratory Area
Basin Dakota

11. County or Parish, State
San Juan County, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Report	☒ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other _____	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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.)*

Texaco E. & P. Inc. proposes to recomplete the subject well in the Gallup formation. Upon successful completion the Gallup formation will dually produce with the existing Dakota formation. The following procedure will be followed:

(PLEASE SEE ATTACHED PROCEDURE)

RECEIVED
SEP 21 1992
OIL CON. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct

Signed Rachael Hundi /TAT Title Area Manager Date 9/14/92

(This space for Federal or State office use)

APPROVED

Approved by _____ Title _____ Date SEP 18 1992

Conditions of approval, if any:

AREA MANAGER

Title 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 or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

BLM - Farmington (5), TAT, DDU, MLK, MAG NMOCD TRR

Date: 9/14/92

Mexico Federal K 1
Gallup Workover Procedure

1. MIRUSU, NDWH, NUBOP.

2. RIH w/ Prod. TBG and tag PBTD @ 6469', POOH w/ Prod TBG. If fill exist clean out to PBTD.

3. RIH w/ RBP on 2 3/8" prod TBG to ~6200', set RBP (above DK perfs), Load hole and test RBP and CSG to 1000 PSI. POOH w/ TBG.

4. Perforate and stimulate Gallup interval using the following two stage completion procedure:

COMPLETION I

a. RIH w/ 3-1/8" perf gun and perforate Gallup formation using 4 JSPF from **5620'-5630', 5670'-5676',5706'-5710'**, POOH, RD wireline.

b. RIH w/ SN, tailpipe and 4-1/2" treating PKR on 2-3/8" workstring, set PKR @ ~5580'. RDMOSU.

c. RU swab, flow test well and swab dry when necessary. Record flow data for tight gas designation.

d. Following flow period, RU slickline and RIH w/ 7 day pressure bomb. Set press bomb at perforated interval, run build up. Monitor TBG press for build up. When press stabilizes POOH w/ bomb.

e. MIRUSU, and Service Company. Fracture stimulate perforated interval using 160,000 # 20/40 Brady Sand and 35,000 Gal 25 and 30 # X-Linked Gel.

f. Shut well in for minimum break time on gel + 1 hour, flow well back at 1/2 BPM for 2 hours, begin to increase rate, monitor produced fluid for sand.

g. POOH w/ TBG and PKR. RIH w/ 4-1/2" RBP, set @ ~5580'. POOH w/ TBG.

COMPLETION II

a. RIH w/ 3-1/8" perf gun and perforate Gallup formation using 4 JSPF from **5390'-5410'**, POOH, RD wireline.

b. RU swab, flow test well and swab dry when necessary. Record flow data for tight gas designation.

c. Following flow period, RU slickline and RIH w/ 7 day pressure bomb. Set press bomb at perforated interval, run build up. Monitor TBG press for build up. When press stabilizes POOH w/ bomb.

d. MIRUSU, and Service Company. Fracture stimulate perforated interval using 160,000 # 20/40 Brady Sand and 35,000 Gal 25 a 30 # X-Linked Gel.

e. Shut well in for minimum break time on gel + 1 hour, flow wel back at 1/2 BPM for of 2 hours, begin to increase rate, monitor produced fluid for sand.

10. Evaluate completion for production equipment.

11. POOH w/ TBG and PKR, If Gallup completion is successful RIH w/ production equipment to dually produce well, if unsuccessful squeeze Gallup completion and RIH w/ Dakota production equipment.

11. NDBOP, NUWH (if necessary). RDMOSU. Set production equipment and return well to production.

9/14/92

MEXICO FEDERAL K No. 1
CURRENT COMPLETION

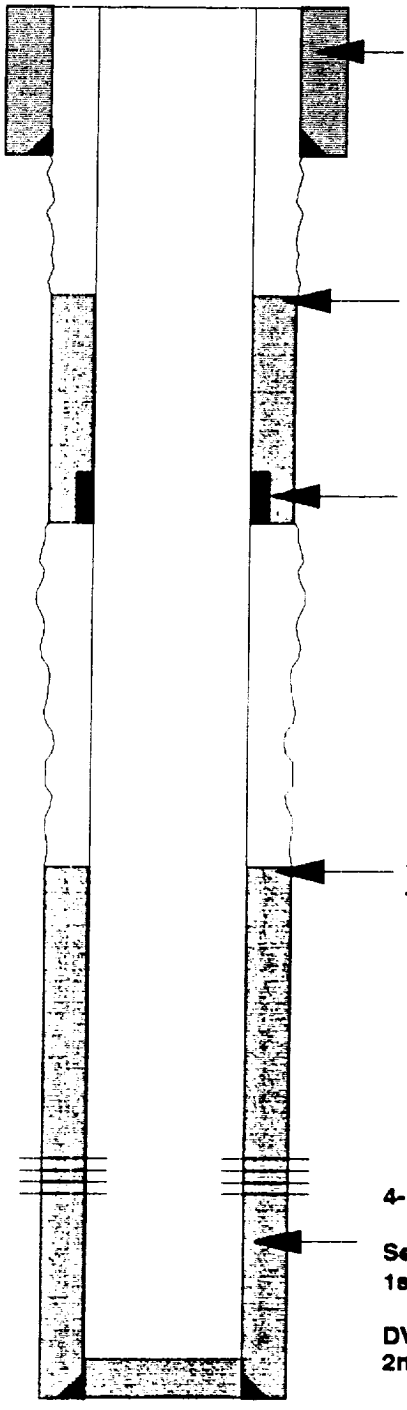
WELL:
Mexico Federal K No. 1
LOCATION:
Unit M, 1055' FSL & 790' FWL
SW/4, SW/4, Sec. 9, T28N, R10W
San Juan County

SPUD DATE:
11-03-61
COMPL. DATE:
11-15-61

FORMATION TOPS:
Pictured Cliffs 1846'
Mesa Verde 3432'
Gallup 5470'
Greenhorn 6137'
Graneros 6200'
Dakota 6242'

PROPOSED PERFS
GALLUP:
5390' - 5410'
5620' - 5630'
5670' - 5676'
5706' - 5710'
DAKOTA PERFS:
6394' - 6462'
6326' - 6368'
6243' - 6270'

PBTD - 6469'
TD - 6493'



8-5/8", 24#, J-55 Csg.
Set @ 305'
w/ 300 sx. cmt.
TOC = 0 (circ)

TOC @ 1210'
Temp. Survey

DV Tool @ 1944'

TOC @ 4000'
Temp. Survey

4-1/2", 10.5#, J-55 Csg @ 5283'.
11.5#, J-55 Csg @ 1210'.
Set @ 6492' in 4-1/2" Hole.
1st Stage w/ 350 sx. cmt.
TOC = 4000'
DV Tool @ 1944'
2nd Stage w/ 200 sx. cmt.
TOC = 1210'