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15-129-21117-0000

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

BLM-TULSA D.O.

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

SUNDRY NOTICES AND REPORTS ON WELLS JUN 3 10 16 AM '92

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

5. Lease Designation and Serial No.
KS NM 67918

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
USA I-2, USA I-3

9. API Well No.

10. Field and Pool, or Exploratory Area
Stirrup

11. County or Parish, State
Morton, Kansas

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Anadarko Petroleum Corporation

3. Address and Telephone No.
P. O. Box 351, Liberal, Kansas 67905-0351

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
3-33-40 W1

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input checked="" type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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.)*

Four inch polypipe low pressure gas flow lines, buried 4' from surface will be laid on the referenced lease from and/or to the following lease: KS NM 67920 (USA L-1, USA L-2) as indicated on the enclosed map. All affected surfaces will be reclaimed with manure and native grass seed.

RECEIVED
STATE CORPORATION COMMISSION

JUN 30 1992

CONSERVATION DIVISION
Wichita, Kansas

Kansas Corporation Commission

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

Signed *[Signature]* Title *Division Production Manager* Date *6-1-92*

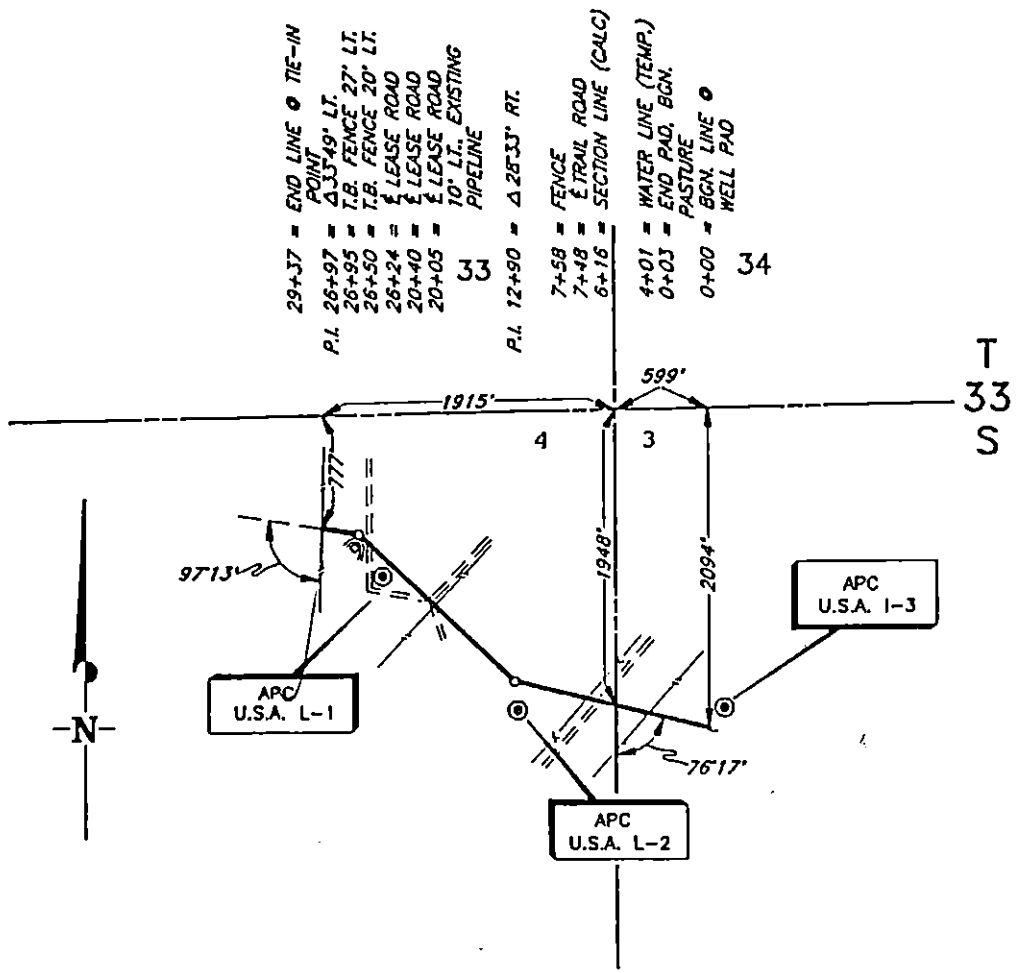
(This space for Federal or State office use)

Approved by (ORIG. SGD.) *VIRGIL L PAULI* Title *CHIEF, BRANCH OF FLUID OPERATIONS* Date *JUN 24 1992*

Conditions of approval, if any:

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.

R 40 W



MORTON COUNTY, KANSAS
SEC. 3 & 4, T-33-S, R-40-W

PLAT SHOWING:
PROPOSED 4" POLY PIPELINE IN
SECTIONS 3 & 4, T-33-S R-40-W
MORTON COUNTY, KANSAS

BOOK . PAGES	ANADARKO PETROLEUM CORP.				LEGEND	
NOTE: This plat DOES NOT represent a true Boundary Survey. The footages and ties shown are from lines of occupation, which may not be actual Property Lines.					SURVEYING AND MAPPING BY TOPOGRAPHIC LAND SURVEYORS 1307 N. HOBART, PAMPA, TX. 79065, PH. (806) 665-7218	
SURVEYED BY: K. JOHNSON		SCALE: 1" = 1000'				DRAWING NUMBER:
DRAWN BY: R. WIDENER		DATE: 4-8-92				891648
APPROVED BY: V.L. BEZNER		JOB NO.: (W089164)	NO.	REVISION	DATE	BY
						SHEET 2 OF 2

JAMES M. BRECHTEL

CONSULTING ARCHAEOLOGIST

POST OFFICE BOX 1064

FORT COLLINS, COLORADO 80522

303 484-3335

CULTURAL RESOURCE INVENTORY REPORT

PROJECT IDENTIFICATION: Anadarko Petroleum Corporation, Stirrup Field LP Casing Head Gas Gathering System, Morton Co., Kansas. The proposed gathering system consists of a 4" poly pipeline which will collect gas from eight wells and deliver it to an existing Centana Energy pipeline. The north leg of the system will collect from the USA I-3, USA L-2, and USA L-1. The south leg will collect from the following wells: USA AA-1, Ratzlaff E-1, ~~Hayward 1-3~~, ~~Hayward 1-10~~, and USA X-1.

This project is located in Sections 3, 4, 10, and 11-T33S-R40W, on land managed by the USDA Forest Service, Cimarron National Grassland. Locations of the wells, and the pipeline route inventoried for this project, are shown on the attached Project Map.

CULTURAL RESOURCE USE PERMIT: USDA Forest Service Special Use Permit #88004R.

FILE SEARCH/CULTURAL BACKGROUND: Numerous file searches have been conducted recently by the Kansas State Historical Society for various oilfield projects in this area. Current applicability of this file search data was confirmed by Cimarron National Grassland on 9 April 1992, prior to conducting fieldwork.

Several previous inventories covered portions of the current project, as shown on the Project Map. These areas were not re-inventoried. None of the previously-recorded cultural resources in this area (14MT5, 14MT6, and 14MT55) will be impacted by the current project. All of these resources are lithic scatters recorded by the University of Kansas.

In 1975, The University of Kansas inventoried portions of 49 sections on Cimarron National Grassland, which contains some 135 square miles (Brown 1976). During that survey, 129 prehistoric sites were recorded on Cimarron National Grassland. Of these, 65 were described as undisturbed and 11 were regarded as eligible for nomination to the Nation Register of Historic Places.

All of these sites contained lithics, including projectile points, bifaces, end scrapers, and reduction flakes. Some sites also contained groundstone tools and ceramic sherds. Several sites contained bison remains, apparently in association with lithic artifacts. Most of the artifacts were not assigned cultural affiliations,

although projectile point illustrations in the project report suggest possible affiliations with the late Archaic, Ceramic, and Historic periods (ca. 1-1850 A.D.).

The Kansas Prehistoric Archaeological Preservation Plan (Brown et al., 1987) indicates that the Kansas High Plains region, including southwest Kansas, has manifestations of Paleo-Indian (Frederick Complex), Middle Ceramic (Upper Republican), Early Historic (Dismal River), and Historic period (Plains Apache & other tribes) aboriginal cultures, spanning some 8,000 years.

The Euroamerican presence in southwest Kansas extends from Coronado's expedition of 1541, through the ranching period of the 1870's/1880's, to the period of farming and settlement during the World War I era.

Aboriginal cultural materials for which potential in the current survey area could be anticipated include various distinctive lithic and ceramic artifacts of the types described above. Anticipated Euroamerican materials would include agricultural/homesteading materials, as well as intact segments of the historic Santa Fe Trail and/or trail-related materials.

ENVIRONMENT: The project is in the southern high plains section of the Great Plains physiographic province. This is a region of upland plains and sandhills, characterized by flat to choppy terrain. The proposed project is located in an area of semi-stabilized dunes, within a 1-mile corridor north and south of the Cimarron River floodplain. Terrain within the areas inventoried is flat, gently sloping, or choppy.

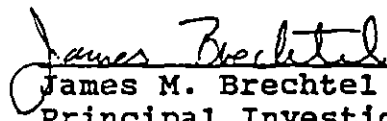
Vegetation cover within these areas averages 50-75%, and consists predominantly of yucca, sage, prickly pear, sunflower, various weedy plants, and native grasses. Soils in this general area are dominated by the Vona-Tivoli association, which includes sands and loamy sands (Dickey et al. 1963). See attached map and photos 1 & 2.

DATE OF INVENTORY AND PERSONNEL: The inventory was conducted on 9 April 1992 by James Brechtel.

INVENTORY METHODOLOGY: Cimarron National Grassland was contacted prior to conducting this inventory. A 100-ft. R.O.W., centered on the proposed pipeline routes, was inventoried by walking sinuous transects within a 50-ft. corridor on both sides of the flagged centerline. Several segments were thus inventoried, with a combined total length of approximately 4850 ft., and containing some 11 acres.

RESULTS OF INVENTORY: No cultural resources were observed within the areas inventoried for this project. The potential for subsurface cultural resources within the areas to be impacted by the proposed project is not regarded as significant.

RECOMMENDATIONS: Since it appears that no cultural resources will be affected, cultural resource clearance for the Stirrup Field LP Casing Head Gas Gathering System is recommended, subject to Forest Service/SHPO concurrence.


 James M. Brechtel
 Principal Investigator
 28 April 1992

REFERENCES CITED

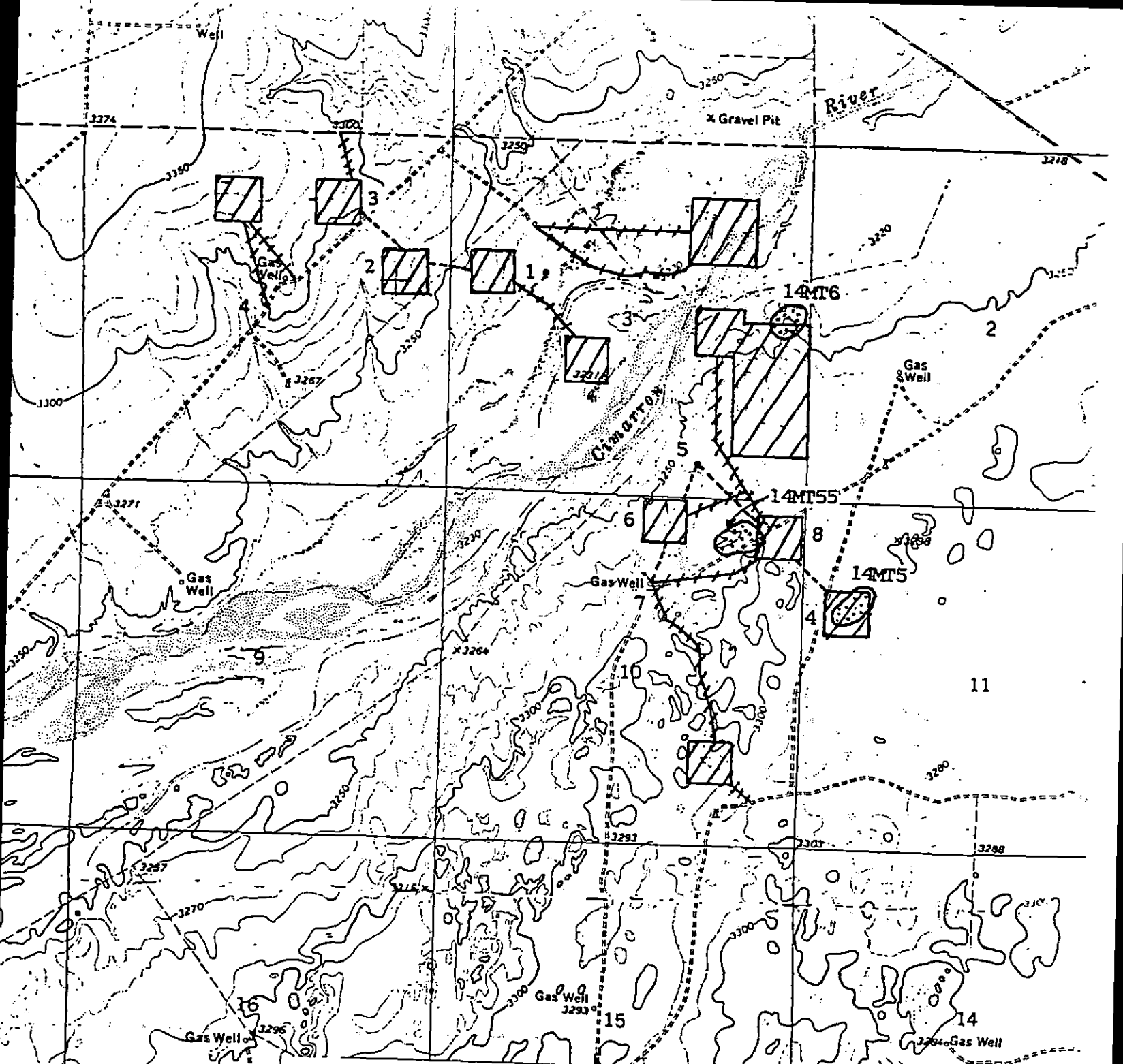
- Brown, Kenneth, and Alan H. Simmons (eds.)
 1987 Kansas Prehistoric Archaeological Preservation Plan.
 University of Kansas, Lawrence.
- Brown, Kenneth
 1976 Prehistoric Cultural Resources of the Cimarron National Grassland, Morton and Stevens Counties, Kansas. University of Kansas, Lawrence.
- Dickey, Harold P., W.R. Swafford, and Q.L. Markley
 1963 Soil Survey, Morton County, Kansas. Superintendent of Documents. US Government Printing Office.



Project overview, looking south, NE/
 NE Sec. 3 PHOTO #1



Project overview, looking south, SW/
 SE Sec. 4 PHOTO #2



PROJECT MAP
Anadarko Petroleum Corp.
Stirrup Field LP Casing Head Gas Gathering System
Secs. 3, 4, 10, 11-T33S-R40W
Morton Co., KS
USGS Quadrangle: Rolla NW

// // // = inventoried previously
 (•) = site recorded previously
 - - - = inventoried for current project

#1: USA I-3; #2: USA L-2; #3: USA L-1;
 #4: USA AA-1; #5: Ratzlaff E-1; #6: Hayward 1-3;
 #7: Hayward 1-10; #8: USA X-1

