

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

002

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER REPAIR PLUG BACK DIFF. ENVIR. Other _____

2. NAME OF OPERATOR
Anadarko Petroleum Corporation

3. ADDRESS AND TELEPHONE NO.
P.O. Box 351, Liberal, Kansas 67905-0351 (316) 624-6253

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 660' FSL & 660' FWLATE
At top prod. interval reported below Same
At total depth Same

RECEIVED
CONSERVATION DIVISION
Wichita
JAN 27 1991

5. LEASE DESIGNATION AND SERIAL NO.
KS NM 67927

6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____

7. UNIT AGREEMENT NAME _____

8. FARM OR LEASE NAME, WELL NO.
USA "AD" No. 2

9. API WELL NO.
~~15-129-21, 230 00-00~~

10. FIELD AND POOL, OR WILDCAT
Stirrup

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 11-33S-40W

12. COUNTY OR PARISH
Morton

13. STATE
Kansas

14. PERMIT NO. _____ DATE ISSUED **9-15-93**

15. DATE SPUNDED **9-29-93** 16. DATE T.D. REACHED **10-14-93** 17. DATE COMPLETED (Ready to prod.) **11-12-93** 18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* **3279.5** 19. ELEV. CASINGHEAD **NA**

20. TOTAL DEPTH, MD & TVD **5832** 21. PLUG. BACK T.D., MD & TVD **5781** 22. IF MULTIPLE COMPL., HOW MANY* **NA** 23. INTERVALS DRILLED BY _____ ROTARY TOOLS CABLE TOOLS _____

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
5468-5490 (U. Morrow "D")

25. WAS DIRECTIONAL SURVEY MADE **Yes**

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL/SFL/GR; CNL/LDT/GR; MICROLOG; DIPMETER

27. WAS WELL CORED **No**

28. CASING RECORD (Report all strings set in well)

| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED |
|-------------------|-----------------|----------------|-----------|-----------------------------------|---------------|
| 13 3/8 | 55# | 639 | 17 1/2 | Surf/490 sxs Poz; 200 sxs Class H | 0 |
| 8 5/8 | 24# | 1562 | 12 1/4 | Surf/585 sxs Poz; 200 sxs Class H | 0 |
| 5 1/2 | 15.50# | 5832 | 7 7/8 | 4260/50 sxs Poz; 185 sxs Class H | 0 |
| DV Tool | | | | 2050/130 sxs Pozmix | |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) |
|------|----------|-------------|---------------|-------------|
| None | | | | |

30. TUBING RECORD

| SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|-------|----------------|-----------------|
| 2 3/8 | 5498 | None |

31. PERFORATION RECORD (Interval, size and number)

5485-90 4 SPF - Total Shots 20
5468-85 4 SPF - Total Shots 68

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 5485-90 | 450 gals 7 1/2% fe acid + 40 BS |
| 5468-85 | 1100 gals 7 1/2% fe acid + 132 |

33.* PRODUCTION

DATE FIRST PRODUCTION **11-12-93** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **Pumping** WELL STATUS (Producing or shut-in) **Producing**

| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF. | WATER—BBL. | GAS-OIL RATIO |
|--------------|--------------|------------|-------------------------|----------|----------|------------|---------------|
| 11-18-93 | 24 | - | → | 21 | 04 | 25 | - |

| FLOW, TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL. | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) |
|---------------------|-----------------|-------------------------|----------|----------|------------|-------------------------|
| 80 | 80 | → | 21 | 0 | 25 | 34.2 @ 60° |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **Sold** TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS
KCC ACO-1, Drillers Log, Cement Tickets

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Beverly J. Williams TITLE Technical Assistant DATE 11-30-93

*(See Instructions and Spaces for Additional Data on Reverse Side)

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.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | TOP | |
|----------------|------|--------|-----------------------------|------------------|-------------|------------------|
| | | | | | MEAS. DEPTH | TRUE VERT. DEPTH |
| B/Stone Corral | 1604 | | | Sand-Clay-Redbed | 0 | |
| Chase | 2324 | | | Redbed-Gyp | 520 | |
| Council Grove | 2628 | | | Redged | 642 | |
| Admire | 2868 | | | Gyp-Redbed | 652 | |
| Wabaunsee | 3056 | | | Sand | 1140 | |
| Topeka | 3302 | | | Gyp-Redbed | 1330 | |
| Heebner | 3810 | | | Anhy-Redbed | 1565 | |
| Toronto | 3826 | | | Anhy-Shale | 1600 | |
| Lansing | 3923 | | | Shale-Lime | 2010 | |
| Kansas City | 4327 | | | Lime-Shale | 2585 | |
| Marmaton | 4630 | | | TD | 5832 | |
| Cherokee | 4832 | | | | | |
| Morrow | 5278 | | | | | |
| Morrow "D" | 5466 | | | | | |
| L. Morrow | 5600 | | | | | |
| Keyes | 5712 | | | | | |
| Chester | 5757 | | | | | |

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

BLM-TULSA B.O.

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

SUNDRY NOTICES AND REPORTS ON WELLS

OCT 12 11 59 AM '93

5. Lease Designation and Serial No.
KS NM 67927

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

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation

1. Type of Well

Oil Well Gas Well Other

8. Well Name and No.

2. Name of Operator

Anadarko Petroleum Corporation

USA "AD" No. 2

3. Address and Telephone No.

P. O. Box 351, Liberal, Kansas 67905-0351 (316) 624-6253

9. API Well No.

15-129-21230

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FSL & 660' FWL, Section 11-33S-40W

10. Field and Pool, or Exploratory Area

Stirrup

11. County or Parish, State

Morton County, Kansas

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- 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.)*

Due to anticipated lost circulation problems, a 13 3/8" string of conductor pipe was set at 639' on 9/29/93.

PROCEDURE

TIH to 369' w/14 jts 13 3/8" csg. Cmt w/490 sxs 50/50 pozmix, 4% gel, 2% cacl2 + 200 sxs class "H", 2% cacl2.

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

Signed David W. Kappis

Title Division Production Engineer

Date 10/6/93

(This space for Federal or State office use)
(ORG. SGT.) VIRGIL L PAULI

CHIEF, BRANCH OF
FLUID OPERATIONS

Approved by _____
Conditions of approval, if any:

Title _____

Date OCT 15 1993

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | | | |
|--|--|--|--|--|
| 1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> | | | 5. LEASE DESIGNATION AND SERIAL NO. KS NM 67927 | |
| b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | |
| 2. NAME OF OPERATOR Anadarko Petroleum Corporation | | | 7. UNIT AGREEMENT NAME | |
| 3. ADDRESS OF OPERATOR P. O. Box 351, Liberal, KS 67905-0351 | | | 8. FARM OR LEASE NAME USA "AD" | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 660' FSL & 660' FWL, Sec. 11-33S-40W At proposed prod. zone | | | 9. WELL NO. 2 | |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 6.0 Miles North | | | 10. FIELD AND POOL, OR WILDCAT Stirrup | |
| 15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 660' | | | 11. SEC., T., R., M., OR S&K. AND SURVEY OR AREA (11-33S-40W) | |
| 16. NO. OF ACRES IN LEASE 80 | | | 12. COUNTY OR PARISH Morton | |
| 17. NO. OF ACRES ASSIGNED TO THIS WELL 80 | | | 13. STATE Kansas | |
| 18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. See Exhibit C-2 6,000' | | | 20. ROTARY OR CABLE TOOLS Rotary | |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 3279.5 | | | 22. APPROX. DATE WORK WILL START* | |

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 12 1/4" | 8 5/8" | 24 | 1575' | See #1 |
| 7 7/8" | 5 1/2" | 15.5 | 6000' | See #2 |

- Drill 12 1/4" Hole to - 1575' set 8 5/8" 24# K-55 ST&C csg and cement with 550 sxs poz W/4% gel CaCl 2 + 200 sxs Com W/2% CaCl 2 with good returns to surface.
- Drill 7 7/8" hole to 6000, set 5 1/2" 15.5# K-55 ST&C csg. If production is indicated then cement with 50 sxs lightweight (65/35 pozmix W/6% gel) 1/2#/sx cellophane flakes and 165 sxs Thixset W/5% KCL, 1/4#/sx cellophane flakes, and 5#/sx gilsonite. Expected fillup is 4500' from surface.

EXHIBITS ATTACHED

- | | |
|---------------------------------|---------------------------------|
| A. Location and Elevation | C-2. Location of Existing Wells |
| B. Drilling Plan | C-3. Site Facility Diagram |
| B-1. Pressure Control Equipment | C-4. Drillsite Layout |
| C. Surface Use Plan | C-5. Pipeline Layout |
| C-1. Access Road | D. Culture Resource Survey |

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED: D. W. Kapple TITLE: Division Production Engineer DATE: 3/25/93

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY: (ORIG. SGD.) VIRGIL L. PAULI CHIEF, BRANCH OF FLUID OPERATIONS
CONDITIONS OF APPROVAL, IF ANY: _____ DATE: SEP 06 1993 STATE CORPORATION COMMISSION

Kansas Corporation Commission

SUBJECT TO THE ATTACHED CONDITIONS

*See Instructions On Reverse Side

WELL LOCATION SURVEY

PROPERTY OWNER Anadarko Petroleum SURVEY OF WELL U.S.A. AD #2
LOCATED 660' from the South line and 660' from the West line of
SECTION 11, T33S-R40W COUNTY OF Morton STATE OF Kansas
SURVEYED March 2, 1993 PLATTED March 3, 1993
ELEVATION OF WELL LOCATION IS 3279.5 feet

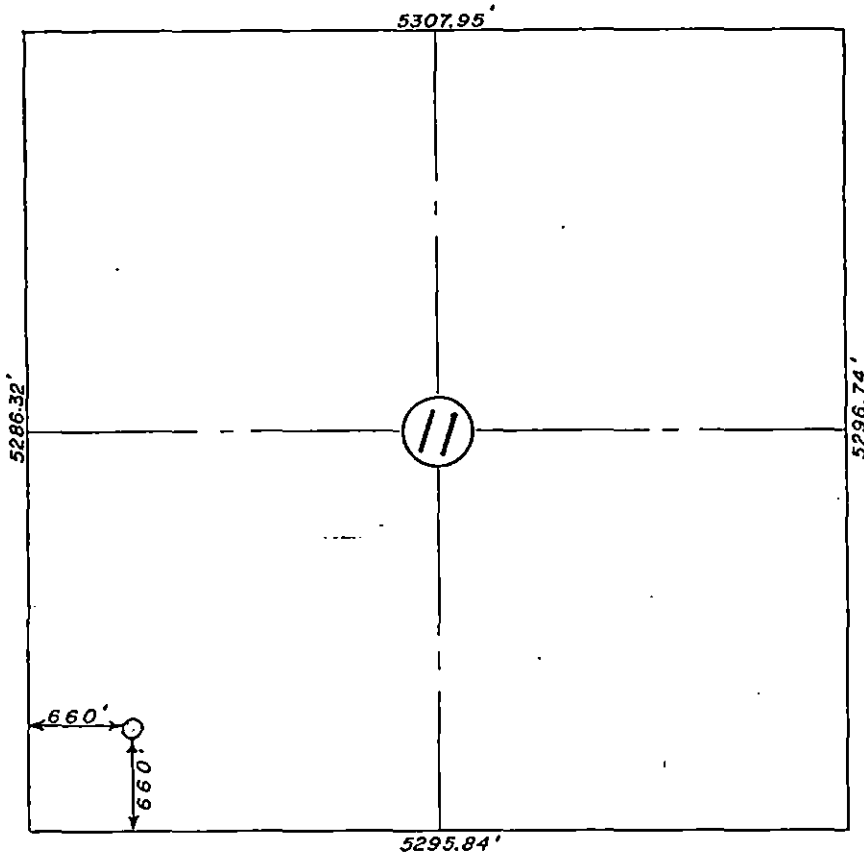


Exhibit A
Location and Elevation

U.S.A. "AD" NO. 2
660' FSL & 660' FWL
Section 11-33S-40W
Morton County, Kansas
Lease No. KS NM 67927

I, Donald D. DeSpain being a Registered Land Surveyor

in the State of Kansas Seal No. 707 do hereby certify that the above plat represents an accurate survey made under my supervision and that all measurements, bearings and monuments are correctly shown and indicated on the above plat as found or staked in the field as so dated above.

Signed: Donald D. DeSpain

RECEIVED
STATE CORPORATION COMMISSION

Surveying - Engineering - Drafting
D. D. DeSpain
Company
Guymon, Oklahoma 73942

SEP 06 1993

Book 750 Page 151

Box 1214 Phone: Day 338-6904 or 338-2144
338-7781 and 338-2656 CONSERVATION DIVISION
Wichita, Kansas