DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

OPEN-FILE REPORT
83-624-E

E

WEST

E'

EAST

ERA: CENOZOIC | MESOZOIC
SYSTEM: TERTIARY | CRETACEOUS
SERIES: PALEOCENE | EOCENE | UPPER
FORMATION: Fort Union Formation | Lance Formation | Meeteetse Formation | Cody Shale
MEMBER: Wind River and Indian Meadows Formations | Shoup Member | Waltman Shale Member | Lower Member

22 — LYSITE FIELD
MONARCH CO
1-28 Fed
NE¼ SW¼ sec. 28, T. 33 N., R. 97 W.
KB 5356
plug + 2153 MCFD
Fox Hills Sandstone and Meeteetse Formation

23 — MADDEN FIELD
MONARCH CO
1-14 Fuller
SW¼ NE¼ sec. 14, T. 32 N., R. 103 W.
KB 10332
est 2425 MCFD
from the Meeteetse Formation

24 — BADWATER FIELD
PURE OIL
J UNIT BADWATER
NE¼ NW¼ sec. 18, T. 44 N., R. 95 W.
DF 8225
est 10,000 MCFD
from the Lance Formation

25 — GARRISON DRAW FIELD
SOUTHWEST GAS PROD.
1-29-A FEDERAL GARRISON DRAW
NE¼ SW¼ sec. 29, T. 37 N., R. 90 W.
KB 8080
est 8 mil # & 2,000 BC gas MCFD
from the Fort Union Formation

26 — WALTMAN FIELD
CRAIG OIL
J UNIT WALTMAN
NE¼ SW¼ sec. 31, T. 27 N., R. 90 W.
DF 6982
est 250 BOPD
from the Lance Formation

27 — HELLS HALF ACRE FIELD
AMOCO PROD.
1-KU HELLS HALF ACRE
NE¼ SW¼ sec. 12, T. 31 N., R. 84 W.
KB 7640
est 2,000 MCFD
from the Frontier Formation

28 — WEST POISON SPIDER FIELD
AMOCO PROD. CO.
1 UNIT POISON SPIDER WEST
NW¼ SE¼ sec. 17, T. 32 N., R. 84 W.
est 4000 MCFD
from the Frontier Formation

Fluvial (sandstone, siltstone, and shale)

Fluvial (sandstone, siltstone, and shale)

Lacustrine (shale, siltstone, and shale)

Fluvial (sandstone, siltstone, and shale)

Producing Interval

Producing Interval

Fluvial and paludal (sandstone, siltstone, shale, and coal)

Producing Interval

Fluvial and paludal (sandstone, siltstone, shale, and coal)

Lewis Shale

Marine (shale and siltstone)

Teapot Sandstone Member

Fales Sandstone Member

Producing Interval

Continental, marginal marine, and deltaic (sandstone, siltstone, shale, and coal)

Marine (shale and siltstone)

Producing Interval

Marginal marine and deltaic (sandstone, siltstone, and shale)

Producing Interval

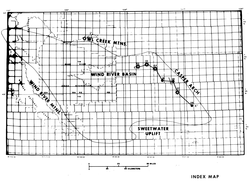
Fault

Frontier Formation

Producing Interval

Mowry Shale

22 | 23 | 24 | 25 | 26 | 27 | 28



INDEX MAP

EXPLANATION

Approximate trace of formation or member intersection
Queries indicate uncertainty in location

Intersection trace of formation or member intersection where correlation is uncertain

Interval perforated

Producing and abandonment number of well with core

Fluid contact

Extension of Wells Ranching to Fest

Extension of Derrick Floor to Feet

Lines marking datum at the top of the Lower Meeteetse Marker Unit

Gas well

Oil well

Oil and gas well

Datum

Feet

0
100
200
300

REFERENCES

Keefer, W. R., 1965, Stratigraphy and geologic history of the uppermost Cretaceous, Paleocene, and lower Eocene rocks in the Wind River Basin, Wyoming: U.S. Geological Survey Professional Paper 495-A, 77 p.

Keefer, W. R., 1970, Structural, rock, and Meeteetse Formations in the Wind River Basin, central Wyoming: U.S. Geological Survey Professional Paper 495-C, 35 p.

Stewart, D. J., U.S., 1978, Depositional environments and correlation of the Upper Cretaceous Meeteetse Formation, Wind River Basin, Wyoming: Geological Association of Wind River Basin Professional Conference, Guidebook of the Wind River Basin, p. 151-162.

This chart is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.

PRELIMINARY CHART E-E' SHOWING ELECTRIC LOG CORRELATION, FACIES, AND TEST DATA OF SOME CRETACEOUS AND TERTIARY ROCKS, WIND RIVER BASIN, WYOMING

By
JAMES E. FOX AND ROBERT L. PRIESTLEY

1983