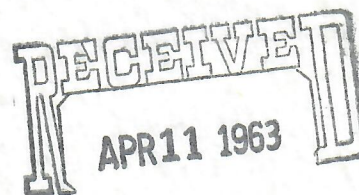




02496664

WELL HISTORY

Name: Tom Jordan & Apache Oil Co. #1 Government
 Location: C NW SE SW Sec. 25 - 9N-52W, Logan County, Colorado
 Field: Wildcat
 Elevation 3863 Gr 3872 KB
 Contractor: Toltek (Wes-Tex) Drilling Company
 Commenced: April 2, 1963
 Completed: April 7, 1963
 Casing: Surface set 123 feet 8-5/8ths at 134 with 85 sacks, April 3, 1963.

OIL & GAS
CONSERVATION COMMISSION

Formation Tops: Electric Log

	<u>Depth</u>	<u>Datum</u>
Niobrara	3500	372 plus
Codell	3878	6 minus
Greenhorn	4104	232 minus
Bentonite	4294	422 minus
"p"	4390	518 minus
"j"	4492	620 minus

Cores:

Core #1 4494-4518

Cut 24' - recovered 22.5'

7.5' ss, silt and shale, heavily re-worked, no show

6' ss. fine to med. grained, light tan, fair to good light stain, fair odor and fluorescence, clean good p&p, open vertical fractures

9' laminated silt and shale, no show, no P&P

Coring Time:

Core #1 4494-4518

4494-04 18 - 5 - 9 - 11 - 9 - 8 - 10 - 20 - 25 - 29

4504-14 18 - 25 - 23 - 22 - 9 - 8 - 10 - 9 - 9 - 10

4514-18 9 - 9 - 11 - 25

Drill Stem Tests:

DST #1 4497-4518 shut in 20 min. open 1 hr. shut in 20 min. good blow
throughout test, gas to surface in 55 min.
Recovered 1520 ft. fluid
 75 ft. heavily oil cut mud, approx. 50% oil
 1445 ft. water

IFP 153# - FFP 652# - ISIP 1126# - FSIP 1111#

Core Analysis:

<u>Depth</u> <u>Feet</u>	<u>Horizontal</u>	<u>Vertical</u>	<u>Porosity</u> <u>%</u>	<u>Oil</u>	<u>Water</u>
4501.5	88	28	18.7	18.7	53.5
02.5	239	118	19.8	16.2	45.0
03.5	374	180	18.1	16.0	40.3
04.5	401	382	17.6	17.6	37.0
05.5	812	543	17.2	14.5	42.4
06.5	502	366	17.7	17.0	39.6
4507.5	764	643	18.7	17.7	41.7

Sample Descriptions: Sample 4380-4490 on D

4380-90 Black shale and silt
4390-4400 Siltstone, gray, very fine gr, no P&P, no show
4400- 10 Ss. fine to med gr, fair P&P, slight scatter stain (mud-invasion)
on outside of cluster, some clayfilled and silt with the sand
4410-4420 As above
4420-4430 Ss. white fine to medium, part clay filled, low P&P, no show
4430-4440 Ss. as above, some scatter fluor, mud invasion, clay filled some
slight stain, low P&P
4440-4450 As above
4450-4460 Ss. white fine grained, low P&P, weak scatter fluorescence, slight stain
(mud invasion) (?)
4460-4470 As above with black shale
4470-4480 Black shale
4480-4490 As above

J - below core point
4518-4530 Ss and silt very fine gr, white, low to no P&P, no show
4530-4540 Ss, white, fine to med. grained, low P&P, slight scatter fluorescence,
no stain, no show. Clayfilled, silty, platy flakes brown carbonaceous
material.

Logs Run:

Induction Electric - from bottom of surface 4525 T.D.

Microlog - from 4250 to 4521 T.D. * Note hole was filling up during logging operations.

Plugged April 7, 1963

15 Sax 4440-4395

10 Sax Base surface pipe

15 Sax Top surface pipe

Filled with heavy mud and capped w/steel cap.

T. Keith Marks, Geologist