

WELL REPORT

GULF DATA NO. DZ 4699

API NO. 15-055-20572

WELL NAME A.C. MADDOX No. 3-19

STATE KS COUNTY FINNEY FIELD AMAZON DITCH  
 BLK SURV ELEVATION 2981 GR  
 SECTION 19 TWP 22S RGE 34W ELEVATION 2987 DF  
 SPOT 2310' FNL E 1650' FEL 2990 KB

GEOLOGICAL TOPS.

Log Tops	Depth	Subsea	Log Tops	Depth	Subsea
HARPER SALT	1796	+1194	LOWER WYANDOTTE	3992	-1002
STONE CORRAL	1902	+1088	LANE SHALE	4012	-1022
NINNESCAH SHALE	1992	+998	DRUM LS	4056	-1066
WELLINGTON ANHYDRITE	2304	+686	CHERRYVALE SH	4131	-1141
WINFIELD	2552	+438	DENNIS LS	4139	-1149
COUNCIL GROVE	2764	+226			
HEEBNER SHALE	3740	-750			
TORONTO	3756	-766			
KANSAS	3800	-810			
KANSAS CITY	3892	-902			
UPPER WYANDOTTE	3900	-910			

DST'S: NONE

CORES: NONE

Drill time plotted from 3700-4200 Samples run from 2500-4225

LOGS

Company	Type	Depth Interval	Date
Schlumberger	DIL-SFL-GR-SP-RYO/RT	4223-870	11-9-84
"	ONL-LDT-GR-CAL	4223-2480	11-9-84
"	CYBERLOOK	4200-3690	

COMPLETION SUMMARY

Spud Date 11-4-84 Surface Csg 8 5/8 @ 864' w/ 250 SX  
 TD 4225 Date 11-9-84 Csg 5 1/2 @ 4223' w/ 300 SX  
 Top Cement 2600' Csg @ w/ SX

Perforations

Formation	Interval	Treatment	Recovery
DENNIS LS	4142-4147 2 SPF	400 gal 15% MCA w/4 gal FE-1A, 20# FE2, 1 gal HAI-60	TR OIL + WTR
LOWER WYANDOTTE	3992-4000 2 SPF	600 gal 15% MCA acid w/6 gal FE-1A, 30# FE-2, 1 gal HAI-60	Swb OIL + WTR Fm would NOT BREAK DOWN → ANOMALOUS POROSITY (LOW PERM)
UPPER WYANDOTTE	3900-3900 2 SPF	300 gal 15% MSR 100 w/6 gal U-42, 1 gal W-39	Swb well 3 hrs Rec 2880 + 3 BLW.

Completion Date 12-27-84

Initial Production

PHO BOPD, 39 BWPD, 6TSTM

Formation

UPPER WYANDOTTE (KC)

Interval

3900-3904

(OVER)

RECOMMENDATIONS FOR FUTURE TESTING (Include visible shows in samples or core, type rock w/short description, log porosities, and water saturations)

LANSING - 3837-3837, 3804-3810

THE LANSING PRODUCES IN THE A.C. MADDOX #1-19

AVG  $\phi$  = 16%

SW = 31%

OTHER GEOLOGICAL COMMENTS (Include shows of minor nature which might be indicative of possible offset development, etc.)

The lower WYANDOTTE in this well exhibits "APPARENT" POROSITY DEVELOPMENT MUCH GREATER THAN IS FOUND IN ANY OTHER WELL IN AMAZON DITCH FIELD. ALTHOUGH IT APPEARS OMOLDIC ON THE LOGS, THERE WAS NO EVIDENCE OF OMOLDIC POROSITY IN THE SAMPLES, THUS THE REASON FOR TESTING THIS ZONE. SINCE THE CEMENT WOULD BREAK DOWN BEFORE THE FORMATION WOULD, THE ZONE IS INTERPRETED AS BEING OMOLDIC (LOW PERM - LOW EFFECTIVE POROSITY). STRUCTURALLY THIS WELL IS LOCATED IN A SADDLE, WHICH MAY HAVE PROVIDED THE RIGHT ENVIRONMENT FOR OMOLDIC POROSITY DEVELOPMENT.

B.L.T. 12/31/84

CRG

WELL DATA SHEET

Lease A. C. Maddux Well No. 3-19 Pool Amazon Ditch Date 11-12-84

Location 2310 FNL 1650 FBL Sec. 19-22S-34W County Finney State Kansas

Dist. "H"  
From \_\_\_\_\_  
to \_\_\_\_\_

Date Completed \_\_\_\_\_  
Well Elevation 2967 G.L.  
Producing Formation \_\_\_\_\_  
From \_\_\_\_\_ 'To \_\_\_\_\_ ' From \_\_\_\_\_ ' To \_\_\_\_\_ '  
From \_\_\_\_\_ 'To \_\_\_\_\_ ' From \_\_\_\_\_ ' To \_\_\_\_\_ '

Initial Production \_\_\_\_\_ bopd \_\_\_\_\_ bwpd  
\_\_\_\_\_ mcf \_\_\_\_\_ GOP  
Initial Treatment \_\_\_\_\_

8 5/8" OD Surface  
Pipe set @ 864 '  
w/ 350 sx.

Top of Cement  
@ 2600 by  
Temp. Survey

Subsequent Workover or Reconditioning:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Present Production \_\_\_\_\_ bopd \_\_\_\_\_ bwpd  
\_\_\_\_\_ Gas \_\_\_\_\_ mcf  
From \_\_\_\_\_ ' To \_\_\_\_\_  
Static F. L. @ \_\_\_\_\_ ' Date \_\_\_\_\_  
Pumping F. L. @ \_\_\_\_\_ ' Date \_\_\_\_\_  
Well Depth by SLM \_\_\_\_\_ ' Date \_\_\_\_\_  
Static BHP \_\_\_\_\_ psi @ Ga. Depth \_\_\_\_\_  
Date \_\_\_\_\_

Tubular Data:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Proposed perfs  
= 3700' 4' Upper Wyandotte  
= 3904'  
  
Proposed perfs  
= 3992' 8' Lower Wyandotte  
= 4000'  
  
Proposed perfs  
= 4142' 5' Dennis Lime  
= 4147'

5 1/2" OD 5 1/2" # 8RD Thd  
Gr. K-55, LT+C Casing  
Set @ 4223 w/ 300 sx  
TD 4225

Remarks: 100 sKs HGS + 5% D-65 + 2% D-46 @ 12-6-79  
200 sKs cl H + 3% KCl + 8% D-60 + 1/4" /sK celloflake @ 15-6-79

