

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name STONE "A" #2 Test No. 1 Date 5/17/94
Company OXY USA, INC. Zone MORROW
Address P O BOX 26100 OKLAHOMA CITY OK 73126-0100 Elevation 2919
Co. Rep./Geo. JIM WELCH/JERRY DEAN Cont. BEREDCO DRLG RIG #4 Est. Ft. of Pay _____
Location: Sec. 9 Twp. 26S Rge. 33W Co. FINNEY State KS

Interval Tested <u>4937-4987</u>	Drill Pipe Size <u>4.5" XH</u>
Anchor Length <u>50</u>	Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth <u>4932</u>	Drill Collar - 2.25 Ft. Run <u>600</u>
Bottom Packer Depth <u>4937</u>	Mud Wt. <u>9</u> lb/Gal.
Total Depth <u>4987</u>	Viscosity <u>47</u> Filtrate <u>8</u>

Tool Open @ 6:35 PM Initial Blow SURFACE BLOW SLOWLY BUILT TO BOTTOM IN 14 MINUTES
ISI: BLED OFF BLOW-WEAK SURFACE BLOW STEADY THROUGHOUT
Final Blow FAIR TO STRONG BLOW OFF BOTTOM IN 1.5 MINUTES
FSI: BLED OFF BLOW - SURFACE RETURN

Recovery - Total Feet 210 Flush Tool? NO

Rec. <u>420</u>	Feet of <u>GAS IN PIPE</u>
Rec. <u>30</u>	Feet of <u>MUD CUT OIL- 70% OIL/ 30% MUD</u>
Rec. <u>90</u>	Feet of <u>GSY MUD CUT OIL- 15% GAS / 65% OIL/ 20% MUD</u>
Rec. <u>90</u>	Feet of <u>GSY OIL CUT MUD- 25% GAS/ 25% OIL/50% MUD</u>
Rec. _____	Feet of _____

BHT 123 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 700 ppm System

(A) Initial Hydrostatic Mud 2335.6 PSI AK1 Recorder No. 13309 Range 4700

(B) First Initial Flow Pressure 32.2 PSI @ (depth) 4977 w / Clock No. 19960

(C) First Final Flow Pressure 43.6 PSI AK1 Recorder No. 13339 Range 4025

(D) Initial Shut-in Pressure 1265.0 PSI @ (depth) 4982 w / Clock No. 22992

(E) Second Initial Flow Pressure 82.1 PSI AK1 Recorder No. _____ Range _____

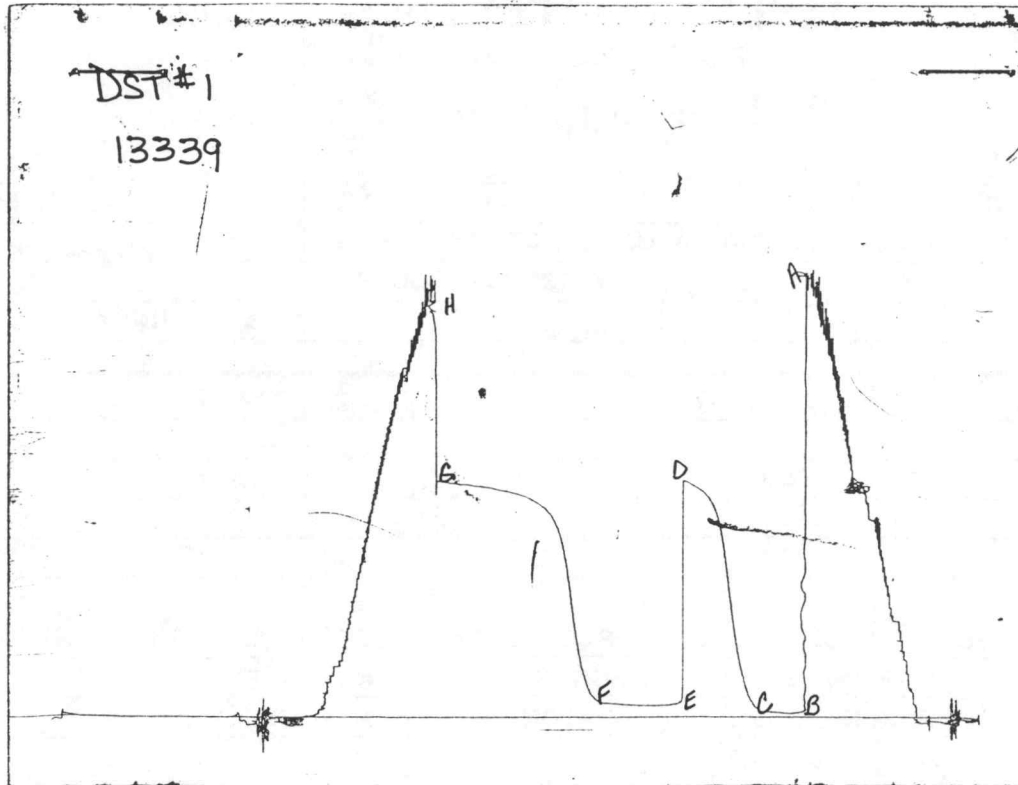
(F) Second Final Flow Pressure 91.5 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 1266.0 PSI Initial Opening 30 Final Flow 60

(H) Final Hydrostatic Mud 2316.5 PSI Initial Shut-in 60 Final Shut-in 120

Our Representative ROD STEINBRINK

CHART PAGE



This is an actual photograph of recorder chart #13339

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2323	2335.6
(B) FIRST INITIAL FLOW PRESSURE	31	32.2
(C) FIRST FINAL FLOW PRESSURE	41	43.6
(D) INITIAL CLOSED-IN PRESSURE	1251	1265
(E) SECOND INITIAL FLOW PRESSURE	83	82.1
(F) SECOND FINAL FLOW PRESSURE	83	91.5
(G) FINAL CLOSED-IN PRESSURE	1271	1266
(H) FINAL HYDROSTATIC MUD	2263	2316.5

DST #

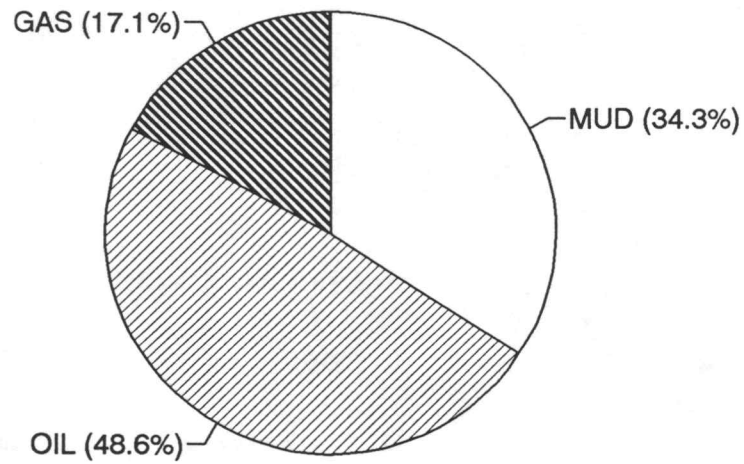
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TICKET

7062

SAMPLE	TOTAL	GAS		OIL		WATER		MUD	
#	FEET	%	FEET	%	FEET	%	FEET	%	FEET
1	30	0	0	70	21	0	0	30	9
2	90	15	13.5	65	58.5	0	0	20	18
3	90	25	22.5	25	22.5	0	0	50	45
4			0		0		0		0
5			0		0		0		0
TOTAL	210	17.14	36	48.57	102	0.00	0	34.285714	72

			HRS OP	BBL/DAY
BBL OIL=	0.49878	*	1.5	7.98048
BBL WATER=	0	*		0
BBL MUD=	0.35208			
BBL GAS=	0.17604			



MUD
OIL
GAS
WTR

FLUID SAMPLER DATA

Ticket No.: 7062 Date: 5/17/94
Company: OXY USA, INC.
Lease: STONE "A" #2 Test No.: 1
County: FINNEY Sec.: 9 Twp.: 26S Rng.: 33W

SAMPLER RECOVERY

Gas 2000
Oil 1000
Mud 1000
Water
Other
Pressure 600
TOTAL 4000

SAMPLER ANALYSIS

Resistivity ohms@ F
Chlorides ppm.
Gravity corrected @60F

PIT MUD ANALYSIS

Chlorides 700
Resistivity ohms@ F
Viscosity 47
Mud Wt. 9
Filtrate 8
Other

PIPE RECOVERY

TOP

Resistivity ohms@ F
Chlorides ppm

MIDDLE

Resistivity ohms@ F
Chlorides ppm

BOTTOM

Resistivity ohms@ F
Chlorides ppm

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FLUID SAMPLER DATA

Ticket No. 7062 Date 5-17-94
Company Name OXY USA, Inc. Cont. Beredon #4
Lease Stone A #2 Test No. 1 Morrow
County Finney KS. Sec. 9 Twp. 26^S Rng. 33^W

SAMPLER RECOVERY

Gas 2,000 ML
Oil 1,000 ML
Mud 1,000 ML
Water _____ ML
Other _____ ML
Pressure 600[#] PSI
Total 4,000 ML

PIT MUD ANALYSIS

Chlorides 700 ppm.
Resistivity _____ ohms @ _____ F
Viscosity 47
Mud Weight 9.0
Filtrate 8.0
Other LC.M. 3[#] / bbl.

SAMPLER ANALYSIS

Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
Gravity _____ corrected @ 60 F

PIPE RECOVERY

TOP
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

MIDDLE
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

BOTTOM
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.