

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 10/6/83
CUSTOMER: TXO PRODUCTION CORP.
WELL: 1
ELEVATION (KB): 0
SECTION: 24
RANGE: 15W
GAUGE SN #13401

TEST: 1
FORMATION: CHEROKEE
TOWNSHIP: 27S
COUNTY: PRATT
RANGE: 4000

TICKET #2069
LEASE: SCHOONOVER
GEOLOGIST: R. CRAVENS
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 4415 FT TO: 4465 FT TOTAL DEPTH: 4465 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4410 FT SIZE: 6 3/4 IN PACKER DEPTH: 4415 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: FWA #32
MUD TYPE: LOW SOLIDS VISCOSITY: 48
WEIGHT: 9.4 WATER LOSS (CC): 14.4
CHLORIDES (P.P.M.): 5000
JARS - MAKE: WTC SERIAL NUMBER: 475
DID WELL FLOW? GAS REVERSED OUT? YES
DRILL COLLAR LENGTH: 240 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4147 FT I.D.: 3.2 IN
TEST TOOL LENGTH: 28 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 50 FT SIZE: 5 1/2 O.D. IN
SURFACE CHOKE SIZE: 3/4 IN BOTTOM CHOKE SIZE: 3/4 IN
MAIN HOLE SIZE: 7 7/8 IN TOOL JOINT SIZE: 4 F.H. IN

BLOW: FIRST FLOW PERIOD - STRONG BLOW.
GAS TO SURFACE IN 13 MINUTES.
SECOND FLOW PERIOD - GAUGED GAS
SEE GAS FLOW REPORT.

RECOVERED: 1080	FT	OF: FREE GASSY OIL
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
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RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:

REMARKS:

TIME SET PACKER(S): 11:55 P.M.	TIME STARTED OFF BOTTOM: 3:40 A.M.
WELL TEMPERATURE: 123 °F	
INITIAL HYDROSTATIC PRESSURE:	(A) 2152 PSI
INITIAL FLOW PERIOD MIN: 30	(B) 159 PSI TO (C) 167 PSI
INITIAL CLOSED IN PERIOD MIN: 60	(D) 1390 PSI
FINAL FLOW PERIOD MIN: 45	(E) 263 PSI TO (F) 301 PSI
FINAL CLOSED IN PERIOD MIN: 90	(G) 1386 PSI
FINAL HYDROSTATIC PRESSURE	(H) 2142 PSI

WESTERN TESTING CO. INC.
PRESSURE DATA

DATE: 10/6/83	TICKET #2069
CUSTOMER: TXO PRODUCTION CORP.	LEASE: SCHOONOVER
WELL: 1	GEOLOGIST: R. CRAVENS
TEST: 1	
ELEVATION (KB): 0	FORMATION: CHEROKEE
SECTION: 24	TOWNSHIP: 27S
RANGE: 15W	COUNTY: PRATT
STATE: KANSAS	
GAUGE SN #13401	RANGE: 4000
CLOCK: 12	

(A)	INITIAL HYDROSTATIC PRESSURE:	2152	PSI
(B)	FIRST INITIAL FLOW PRESSURE:	159	PSI
(C)	FIRST FINAL FLOW PRESSURE:	167	PSI
(D)	INITIAL CLOSED-IN PRESSURE:	1390	PSI
(E)	SECOND INITIAL FLOW PRESSURE:	263	PSI
(F)	SECOND FINAL FLOW PRESSURE:	301	PSI
(G)	FINAL CLOSED-IN PRESSURE:	1386	PSI
(H)	FINAL HYDROSTATIC PRESSURE:	2142	PSI
WELL TEMPERATURE:		123	'F
OPEN TOOL: 11:55 P.M.			

	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	30 MIN	30 MIN
INITIAL CLOSED-IN PRESSURE:	60 MIN	60 MIN
SECOND FLOW PRESSURE:	45 MIN	45 MIN
FINAL CLOSED-IN PRESSURE:	90 MIN	90 MIN

PRESSURE BREAKDOWN

PT	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	159	0	167	0	263	0	301
2	5	161	3	251	5	263	3	396
3	10	163	6	371	10	263	6	520
4	15	164	9	554	15	265	9	723
5	20	165	12	864	20	267	12	889
6	25	166	15	1084	25	271	15	1016
7	30	167	18	1162	30	277	18	1090
8			21	1207	35	285	21	1134
9			24	1242	40	293	24	1171
10			27	1267	45	301	27	1196
11			30	1285			30	1121
12			33	1303			33	1139
13			36	1315			36	1257
14			39	1329			39	1271
15			42	1343			42	1283
16			45	1353			45	1293
17			48	1361			48	1303
18			51	1371			51	1313
19			54	1378			54	1323
20			57	1384			57	1333
21			60	1390			60	1343
22							63	1348
23							66	1353
24							69	1358
25							72	1363
26							75	1368
27							78	1373
28							81	1378
29							84	1382
30							87	1384

PRESSURE BREAKDOWN - CONT. TICKET #2069

	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
PT	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
31							90	1386

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GAS FLOW REPORT

DATE: 10/6/83 TICKET #2069
CUSTOMER: TXO PRODUCTION CORP. LEASE: SCHOONOVER
WELL: 1 TEST: 1 GEOLOGIST: R. CRAVENS
ELEVATION (KB): 0 FORMATION: CHEROKEE
SECTION: 24 TOWNSHIP: 27S
RANGE: 15W COUNTY: PRATT STATE: KANSAS
GAUGE SN #13401 RANGE: 4000 CLOCK: 12

TIME GAUGE (MIN)	TESTER TYPE	ORIFICE SIZE	PRESSURE (PSI)	FLOW DESCRIPTION
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PRE FLOW

13				GAS TO SURFACE
15	MERLA	1/4	34" WTR	9790 cfpd
20		1/2	13" WTR	22800 cfpd
25		1/2	8" WTR	17200 cfpd
30		1/2	8" WTR	17200 cfpd

SECOND FLOW

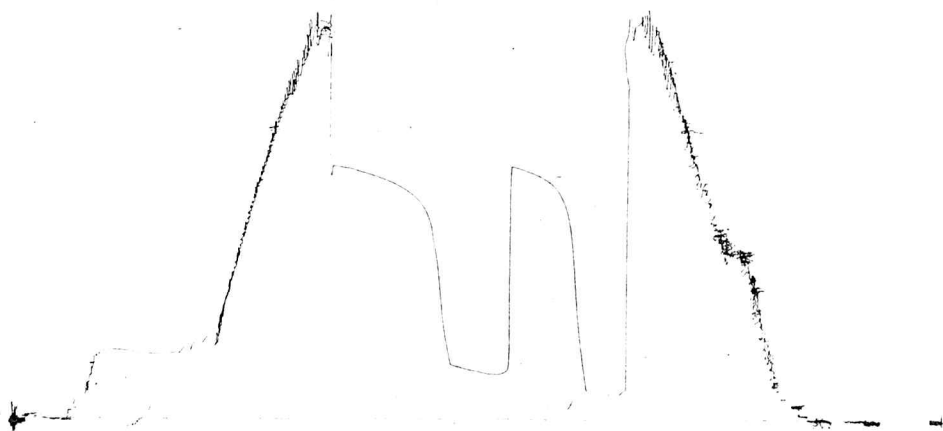
5	MERLA	1/4	3" WTR	2920 cfpd
15		1/2	17" WTR	25800 cfpd
25		1/2	7" WTR	16700 cfpd
35		1/2	7" WTR	16700 cfpd
45		1/2	6" WTR	15400 cfpd

GAS BOTTLE SN #:
DATE BOTTLE FILLED:
DATE TO BE INVOICED: 10/6/83

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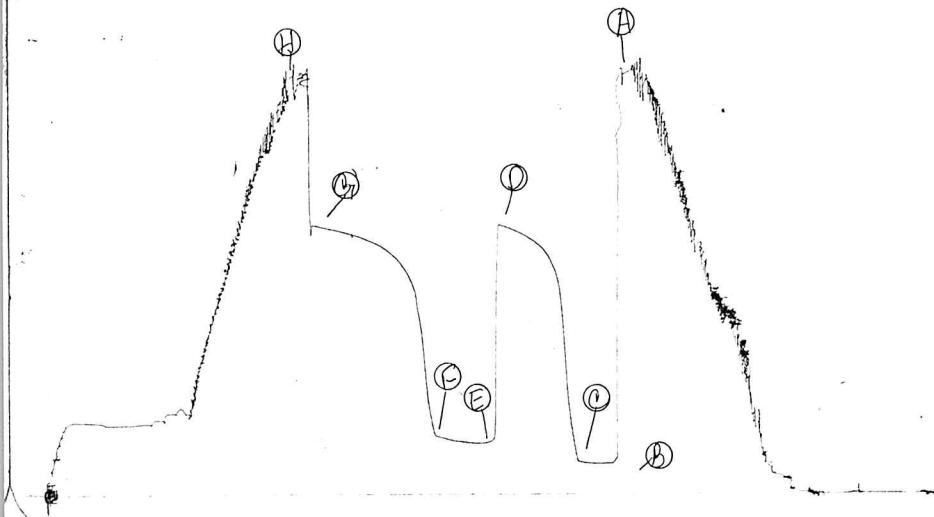


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WESTERN TESTING CO. INC
SUBSURFACE PRESSURE SURVEY

DATE: 10/7/83
CUSTOMER: T. X. O.
WELL: 1
ELEVATION (KB): 0
SECTION: 24
RANGE: 15W
GAUGE SN #13402

TEST: 2
FORMATION: MISSISSIPPI
TOWNSHIP: 27S
COUNTY: PRATT
RANGE: 4025

TICKET #1875
LEASE: SCHOONOVER
GEOLOGIST: C. H.
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 4498 FT TO: 4510 FT TOTAL DEPTH: 4510 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4493 FT SIZE: 6 3/4 IN PACKER DEPTH: 4498 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: F.W.A. #32
MUD TYPE: CHEMICAL VISCOSITY: 48
WEIGHT: 9.3 WATER LOSS (CC): 16.0
CHLORIDES (P.P.M.): 4000
JARS - MAKE: WTC SERIAL NUMBER: 406
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 240 FT I.D.: 2.2 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4229 FT I.D.: 3.2 IN
TEST TOOL LENGTH: 29 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 12 FT SIZE: 5 1/2 O.D. IN
SURFACE CHOKE SIZE: 3/4 IN BOTTOM CHOKE SIZE: 3/4 IN
MAIN HOLE SIZE: 7 7/8 IN TOOL JOINT SIZE: 4 F.H. IN

BLOW: VERY WEAK DIED IN 15 MINUTES - NO BLOW FINAL
FLOW PERIOD.

RECOVERED: 5	FT	OF: MUD
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:

REMARKS: FLUSHED TOOL FINAL FLOW PERIOD - NO BLOW.

TIME SET PACKER(S): 10:20 P.M.

TIME STARTED OFF BOTTOM: 12:00 A.M.

WELL TEMPERATURE: 124 °F

INITIAL HYDROSTATIC PRESSURE:

INITIAL FLOW PERIOD MIN: 20

INITIAL CLOSED IN PERIOD MIN: 63

FINAL FLOW PERIOD MIN: 10

FINAL CLOSED IN PERIOD MIN: 0

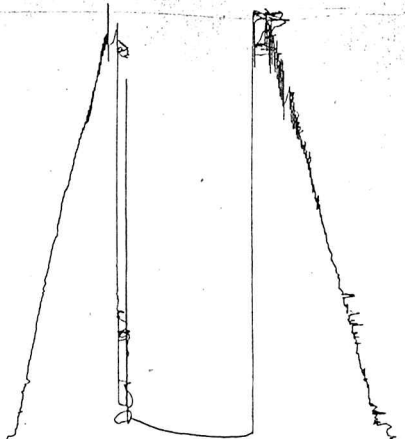
FINAL HYDROSTATIC PRESSURE

(A) 2147	PSI
(B) 44	PSI TO (C) 44
(D) 176	PSI
(E) 91	PSI TO (F) 213
(G) 0	PSI
(H) 2138	PSI

1559

DST #2

TKT # 1875



13402
DST #2

TKT # 1875

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