

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
HOBBS, NEW MEXICO
P. O. BOX 1880
See other instructions on reverse sideForm approved.
Budget Bureau No. 42-B355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐				5. LEASE DESIGNATION AND SERIAL NO. NM- 0558131					
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐				6. IF INDIAN, ALLOTTEE OR TRIBE NAME					
2. NAME OF OPERATOR Coastal Oil & Gas Corporation				7. UNIT AGREEMENT NAME					
3. ADDRESS OF OPERATOR P. O. Box 235, Midland, Texas 79702				8. FARM OR LEASE NAME Federal "6"					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FSL & 1980' FEL At top prod. interval reported below At total depth				9. WELL NO. 2					
14. PERMIT NO.				DATE ISSUED 12-3-82					
15. DATE SPUDDED 12-29-82		16. DATE T.D. REACHED 1-24-83		17. DATE COMPL. (Ready to prod.) 2-19-83		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 4276.1 GR, 4298 KB		19. ELEV. CASINGHEAD 4273	
20. TOTAL DEPTH, MD & TVD 10,054		21. PLUG BACK T.D., MD & TVD 10,010		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS 0-10054		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Upper Penn, 9765 to TD	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-Sidewall Neutron, Dual Induction Focused, Minilog				27. WAS WELL CORED no					
25. CASING RECORD (Report all strings set in well)				28. WAS DIRECTIONAL SURVEY MADE yes					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD	
13 3/8		68		384.5		16 1/2		150 sx. Lt., 200 sx Cl "C"	
8 5/8		24 & 28		4105		12 1/4		1500 sx Lt, 200 sx Cl "C"	
5 1/2		17-23		10,054		7 7/8		450 sx. Cl. "H"	
29. LINER RECORD		30. TUBING RECORD		31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		AMOUNT PULLED	
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)	
2 3/8"		9868		Packer Set (MD)		SIZE		DEPTH SET (MD)	
8830-44', 9857-61', 9940-52'		9962-68' (.50" hole, total 72)		DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED		33.* PRODUCTION	
8830-44'		9857-61'		9940-52'		3000 gal. 15% NE-FE		DATE FIRST PRODUCTION 2-19-83	
9962-68'						3000 gal. 15% NE-FE		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 2 x 1 1/2 x 16'	
DATE OF TEST 2-27-83		HOURS TESTED 24		CHOKE SIZE --		PROD'N. FOR TEST PERIOD --		WELL STATUS (Producing or shut-in) Producing	
FLOW. TUBING PRESS. --		CASING PRESSURE 40		CALCULATED 24-HOUR RATE 200		OIL—BBL. 100		GAS—MCF. 60	
WATER—BBL. 141		OIL GRAVITY-API (CORR.) 41.3		DATE OF TEST 2-27-83		HOURS TESTED 24		CHOKE SIZE --	
PROD'N. FOR TEST PERIOD --		GAS—MCF. 60		WATER—BBL. 141		OIL GRAVITY-API (CORR.) 41.3		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold, fuel	
35. LIST OF ATTACHMENTS Inclination survey, logs, BHP results		36. I hereby certify that the foregoing and attached information is complete and correct as furnished from all available records		SIGNED David S. Campbell		TITLE Sr. Petroleum Engineer		DATE 3-1-83	

* (See Instructions and Spaces for Additional Data on Reverse Side)
MINERALS MGMT. SERVICE
ROSWELL, NEW MEXICO

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on Items 22 and 24, and 83, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22; and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Bough "B"	9806	9927	Lime, Dolomite, Shale, Oil, Water, Gas	Rustler	1690	
Bough "C"	9927	TD	Lime, Dolomite, Shale, Oil, Water, Gas	Yates	2598	
				7 Rivers	2737	
				San Andres	4436	
				Glorieta	5394	
				Tubb	6888	
				Abo	7630	
				Wolfcamp	9072	
				Bough "A"	9765	
				Bough "B"	9806	
				Bough "C"	9927	

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MAR 7 1983
O.C.D.
HOBBS OFFICE

INCLINATION REPORT

OPERATOR Coastal Oil & Gas Corporation ADDRESS P. O. Box 235, Midland, TX 79702
LEASE Federal "6" WELL NO. 2 FIELD Baum
LOCATION 1980' FSL & 1980' FEL, Sec. 6, T-14-S, R-33-E, Lea County

<u>Depth</u>	<u>Inclination (degrees)</u>	<u>Displacement</u>	<u>Displacement Accumulated</u>
133	1/2	1.16	1.16
386	1 1/4	5.52	6.68
928	1 1/4	11.82	18.50
1,422	1	8.62	27.12
1,930	1 1/4	11.08	38.20
2,152	1 1/4	4.84	43.04
2,650	1 1/4	10.86	53.90
3,155	1 1/4	11.02	64.92
3,312	1	2.74	67.66
3,615	1	5.29	72.95
3,960	1/2	3.01	75.96
4,490	1	9.25	85.21
5,008	1/2	4.52	89.73
5,507	3/4	6.53	96.26
5,915	3/4	5.34	101.60
6,395	1	8.38	109.98
6,833	1/2	3.82	113.80
7,160	3/4	4.28	118.08
7,406	2	8.59	126.67
7,652	3 1/4	13.95	140.62
7,717	3 1/4	3.69	144.31
7,777	2 3/4	2.88	147.19
7,870	2 1/4	3.65	150.84
7,995	1 3/4	2.73	153.57
8,121	2	4.40	157.97
8,258	1 1/2	3.59	161.56
8,755	3	26.01	187.57
8,915	2 1/2	6.98	194.55
9,380	1 3/4	14.20	208.75
10,035	1 1/2	17.15	225.90
10,054	1 1/2	.50	226.40

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

Coastal Oil & Gas Corporation

Tom C. Young
Title: District Drilling Manager

Affidavit:

Before me, the undersigned authority, appeared Tom C. Young known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

Tom C. Young
(Affiant's Signature)

Sworn and subscribed to in my presence on this the 1st day of March 1983.

Notary Public in and for the County of Midland, State of Texas

Bough "C" perfor

TEST DATE: FEBRUARY 4 to 7, 1983
TEST DEPTH: 9954 FEET

DATE

2-4-83

TIME

11:30 A.M.

12:30 P.M.

12:45 P.M.

1:00 P.M.

1:15 P.M.

1:30 P.M.

2:00 P.M.

2:30 P.M.

3:30 P.M.

4:30 P.M.

5:30 P.M.

10:30 P.M.

3:30 A.M.

8:30 A.M.

1:30 P.M.

6:30 P.M.

4:30 A.M.

2:30 P.M.

12:30 A.M.

8:15 A.M.

CUM HRS./MIN.

00 Hrs 00 Min.

00 15

00 30

00 45

01 00

01 30

02 00

03 00

04 00

05 00

10 00

15 00

20 00

25 00

30 00

40 00

50 00

60 00

68 45

PSIG @ 9954 FEET

658 Gauge reached 9954 Feet

658 Shut-In. Begin Build-up

739

745

764

780

799

824

852

873

908

991

1041

1072

1095

1113

1133

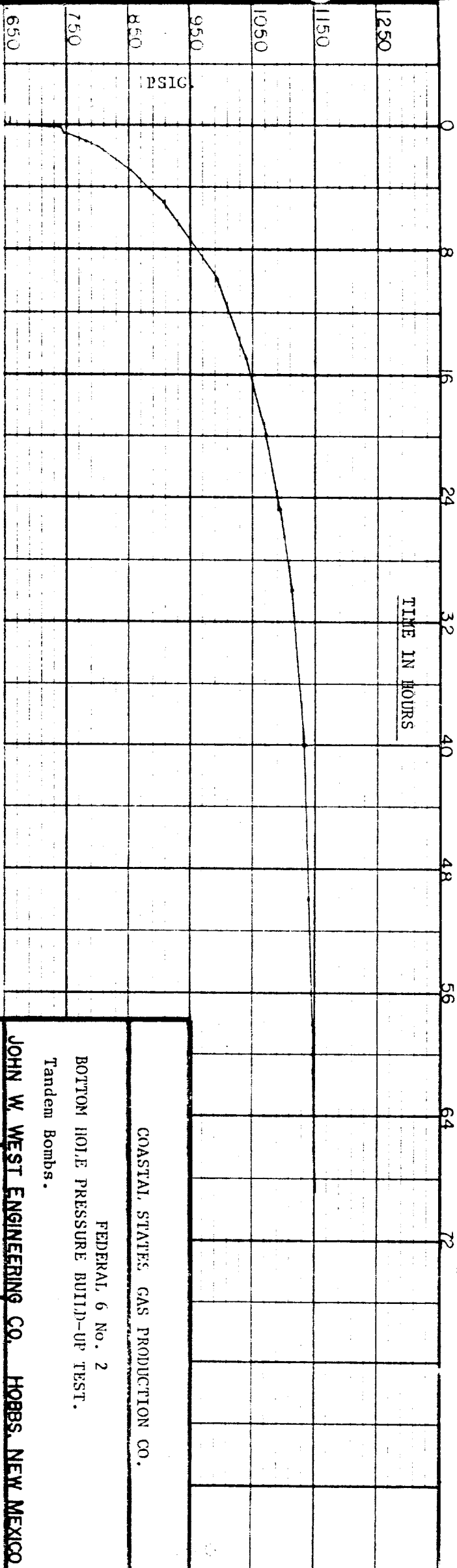
1143

1148

1150 Gauge out, End of test.

TEST CONDUCTED BY:
JOHN WEST ENGINEERING COMPANY

ELEMENT NO: 23228
RANGE: 0-3550 PSI
CLOCK NO: 20607
RANGE: 0-72 Hours



Booth "C" perf

TEST DATE: FEBRUARY 4 to 7, 1983
TEST DEPTH: 9954 FEET

DATE

2-4-83

TIME

11:30 A.M.

CUM HRS./MIN.

00 Hrs. 00 Min.

PSIG @ 9954 FEET

663 Gauge reached 9954 feet

663 Shut-In begin Build-Up

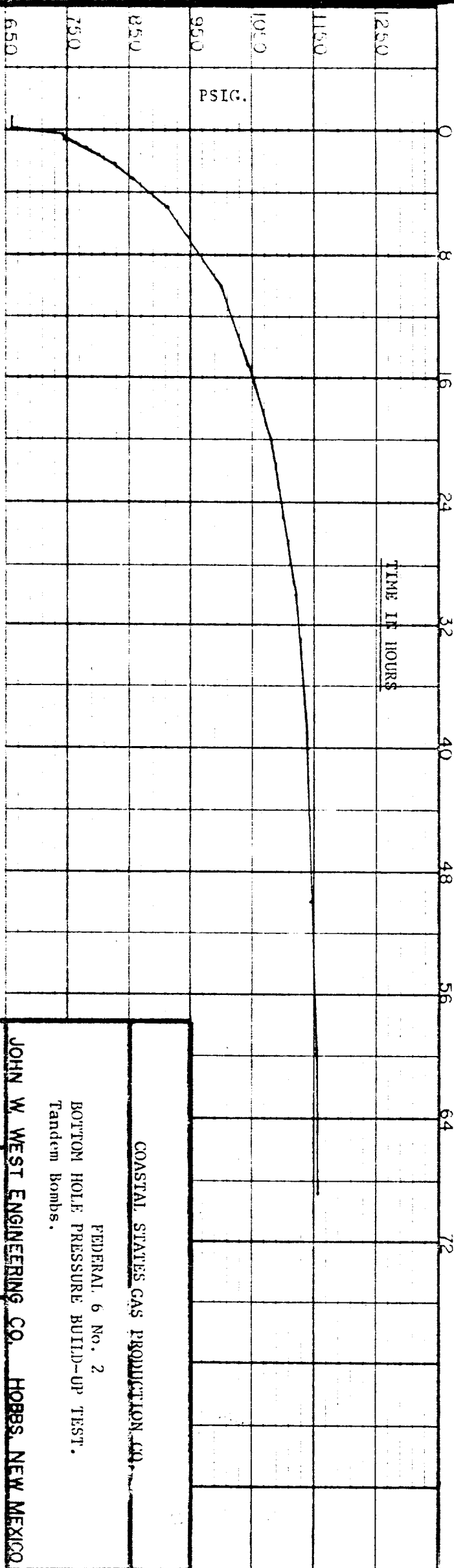
ELEMENT NO: 18054
RANGE: 0-3500 psi
CLOCK NO: E-2145

RANGE: 0-72 Hours

TEST CONDUCTED BY:
JOHN WEST ENGINEERING COMPANY

2-4-83	11:30 A.M.	00 Hrs. 00 Min.	663 Gauge reached 9954 feet
2-5-83	12:30 P.M.	00 15	663 Shut-In begin Build-Up
	12:45 P.M.	00 30.	744
	1:00 P.M.	00 45	749
	1:15 P.M.	01 00	768
	1:30 P.M.	01 30	784
	2:00 P.M.	02 00	804
	2:30 P.M.	03 00	828
	3:30 P.M.	04 00	856
	4:30 P.M.	05 00	877
	5:30 P.M.	10 00	912
	10:30 P.M.	15 00	996
	3:30 A.M.	20 00	1044
	8:30 A.M.	25 00	1076
	1:30 P.M.	30 00	1099
	6:30 P.M.	40 00	1118
	4:30 A.M.	50 00	1138
	2:30 P.M.	60 00	1147
	12:30 A.M.	68 45	1152
	8:15 A.M.		1155 Gauge out, end of test.

TIME IN HOURS



COASTAL STATES GAS PRODUCTION CO.

FEDERAL 6 No. 2

BOTTOM HOLE PRESSURE BUILD-UP TEST.
Tandem Bombs.

JOHN W. WEST ENGINEERING CO. HOBS, NEW MEXICO

Date: 2-7-83 Drawn by: bsm Scale: as shown

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MAR 7 1983

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Bough "C" parts

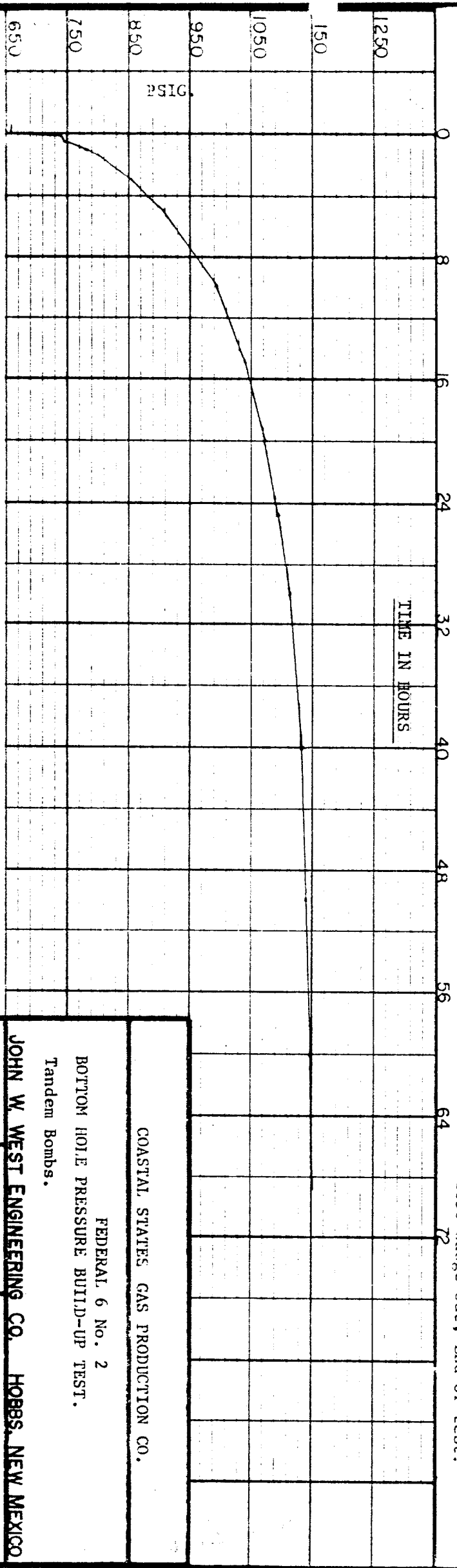
TEST DATE: FEBRUARY 4 to 7, 1983
TEST DEPTH: 9954 FEET

ELEMENT NO: 23228
RANGE: 0-3550 PSI
CLOCK NO: 20607
RANGE: 0-72 Hours

TEST CONDUCTED BY:
JOHN WEST ENGINEERING COMPANY

DATE	TIME	CUM HRS./MIN.	PSIC @ 9954 FEET
2-4-83	11:30 A.M.	00 Hrs 00 Min.	658 Gauge reached 9954 feet
	12:30 P.M.	00 15	658 Shut-In. Berlin Build-Up
	12:45 P.M.	00 30	739
	1:00 P.M.	00 45	745
	1:15 P.M.	00 45	764
	1:30 P.M.	01 00	780
	2:00 P.M.	01 30	799
	2:30 P.M.	02 00	824
	3:30 P.M.	03 00	852
	4:30 P.M.	04 00	873
	5:30 P.M.	05 00	908
2-4-83	10:30 P.M.	10 00	991
2-5-83	3:30 A.M.	15 00	1041
	8:30 A.M.	20 00	1072
	1:30 P.M.	25 00	1095
2-5-83	6:30 P.M.	30 00	1113
2-6-83	4:30 A.M.	40 00	1133
2-6-83	2:30 P.M.	50 00	1143
2-7-83	12:30 A.M.	60 00	1148
	8:15 A.M.	68 45	1150 Gauge out, End of test.

TIME IN HOURS



COASTAL STATES GAS PRODUCTION CO.

FEDERAL 6 No. 2
BOTTOM HOLE PRESSURE BUILD-UP TEST.
Tandem Bombs.

JOHN W. WEST ENGINEERING CO. HOBS, NEW MEXICO
Date: 2-7-83 Drawn by: bjm Scale: as shown

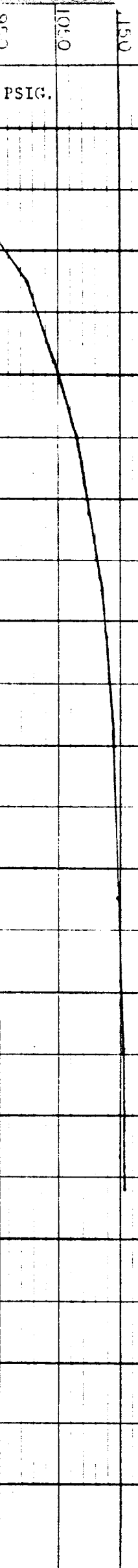
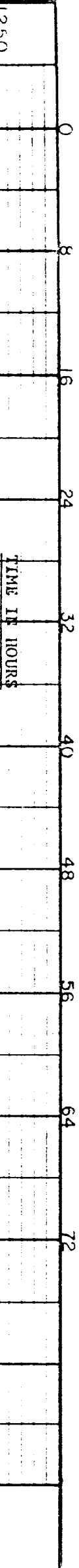
WF

Booth "C" perfs
TEST DATE: FEBRUARY 4 to 7, 1983
TEST DEPTH: 9954 FEET

ELEMENT NO: 18054
RANGE: 0-3500 psi
CLOCK NO: E-2145
RABGE: 0-72 hours

TEST CONDUCTED BY:
JOHN WEST ENGINEERING COMPANY

DATE	TIME	CUM HRS./MIN.	PSIG @ 9954 FEET
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2-5-83	3:30 A.M.	15 00	1044
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2-5-83	1:30 P.M.	25 00	1099
	6:30 P.M.	30 00	1118
2-6-83	4:30 A.M.	40 00	1138
	2:30 P.M.	50 00	1147
2-7-83	12:30 A.M.	60 00	1152
	8:15 A.M.	68 45	1155 Gauge out, end of test.



COASTAL STATES GAS PRODUCTION CO.
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JOHN W. WEST ENGINEERING CO. HOBS, NEW MEXICO
Date: 2-7-83 Drawn by: hsm Scale: as shown