

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107

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LAND OFFICE	
OPERATOR	

APPLICATION FOR MULTIPLE COMPLETION

Operator	County	Date
Amoco Production Company	Lea	12-31-81
Address	Lease	Well No.
P. O. Box 68, Hobbs, NM 88240	State A	38
Location of Well	Unit	Section
	J	4
		Township
		19-S
		Range
		38-E

All Applicants for multiple completion must complete Items 1, 2, and 4 below.

1. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Wildcat Yates		Bowers Seven Rivers
b. Top and Bottom of Pay Section (Perforations)	2711'-2895'		3139'-3260'
c. Type of production (Oil or Gas)	Gas		Oil
d. Method of Production (Flowing or Artificial Lift)	Flowing		Artificial Lift
e. Daily Production ☐ Actual ☒ Estimated Oil Bbls. Gas MCF Water Bbls.	0 B0 470 MCF 0 BW		0 BW 5 bbls. Oil Gas TSTM

2. The following must be attached:

- Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Mark Trueman Title Assist. Admin. Analyst Date 12-31-81

(This space for State Use)

Approved By Jerry S. [Signature] Title SUPERVISOR DISTRICT I Date FEB 16 1982

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

OFFSET OPERATORS

CONOCO
P. O. Box 460
Hobbs, New Mexico 88240

SAMAEDAN OIL CORPORATION
900 Wall Towers East
Midland, Texas 79701

SUN PRODUCTION COMPANY
Attn: Joint Operation
P. O. Box 2880
Dallas, Texas 75207

TEXACO, INC
P. O. Box 3109
Midland, Texas 79701

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
 Supersedes C-128
 Effective 1-1-65

All distances must be from the outer boundaries of the Section.

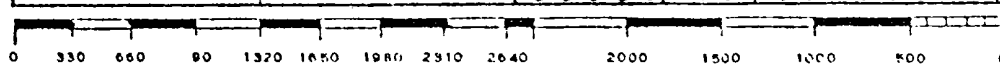
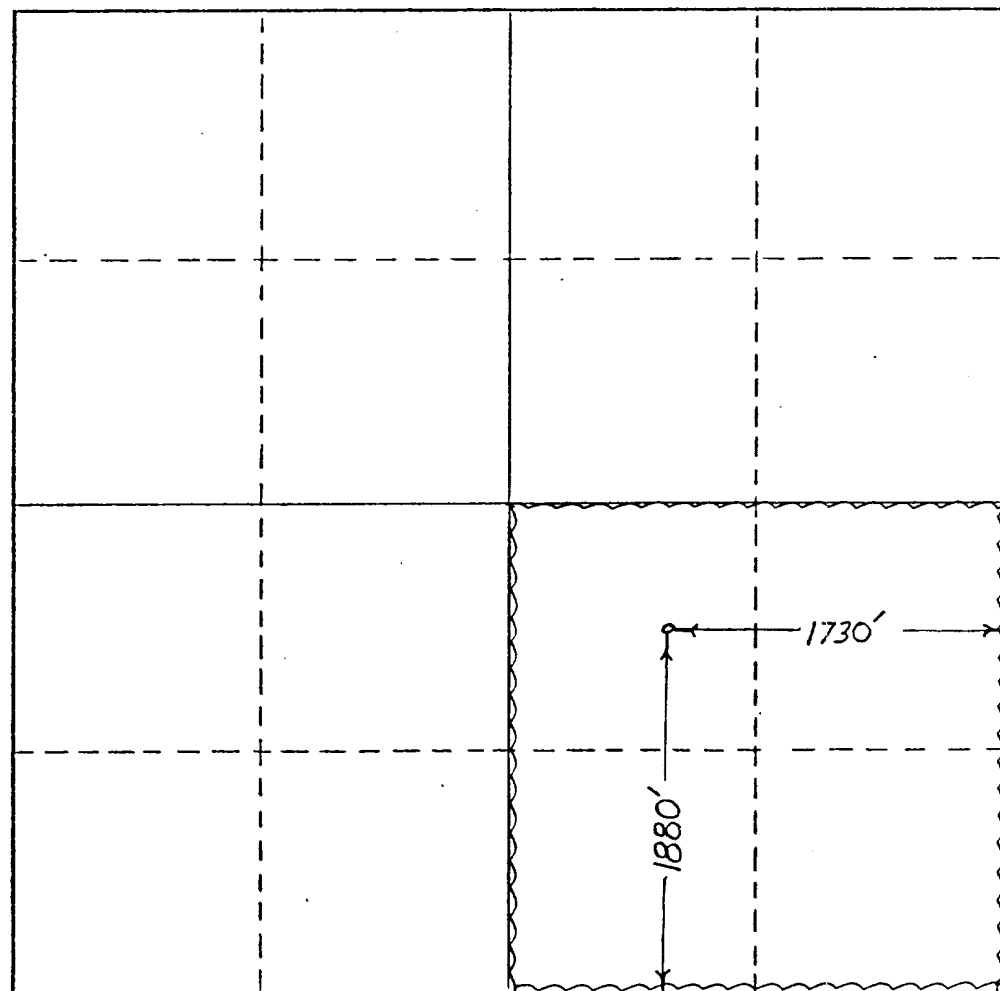
Operator Amoco Production Company			Lease State A		Well No. 38
Unit Letter J	Section 4	Township 19S	Range 38E	County Lea	
Actual Footage Location of Well: 1880 feet from the South line and 1730 feet from the East line					
Ground Level Elev. 3608.8	Producing Formation Yates		Pool Wildcat Yates		Dedicated Acreage: 160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name *Mark Freeman*
 Position **Assist. Admin. Analyst**

Company **Amoco Production Company**

Date **January 5, 1982**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed _____

Registered Professional Engineer and/or Land Surveyor _____

Certificate No. _____

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

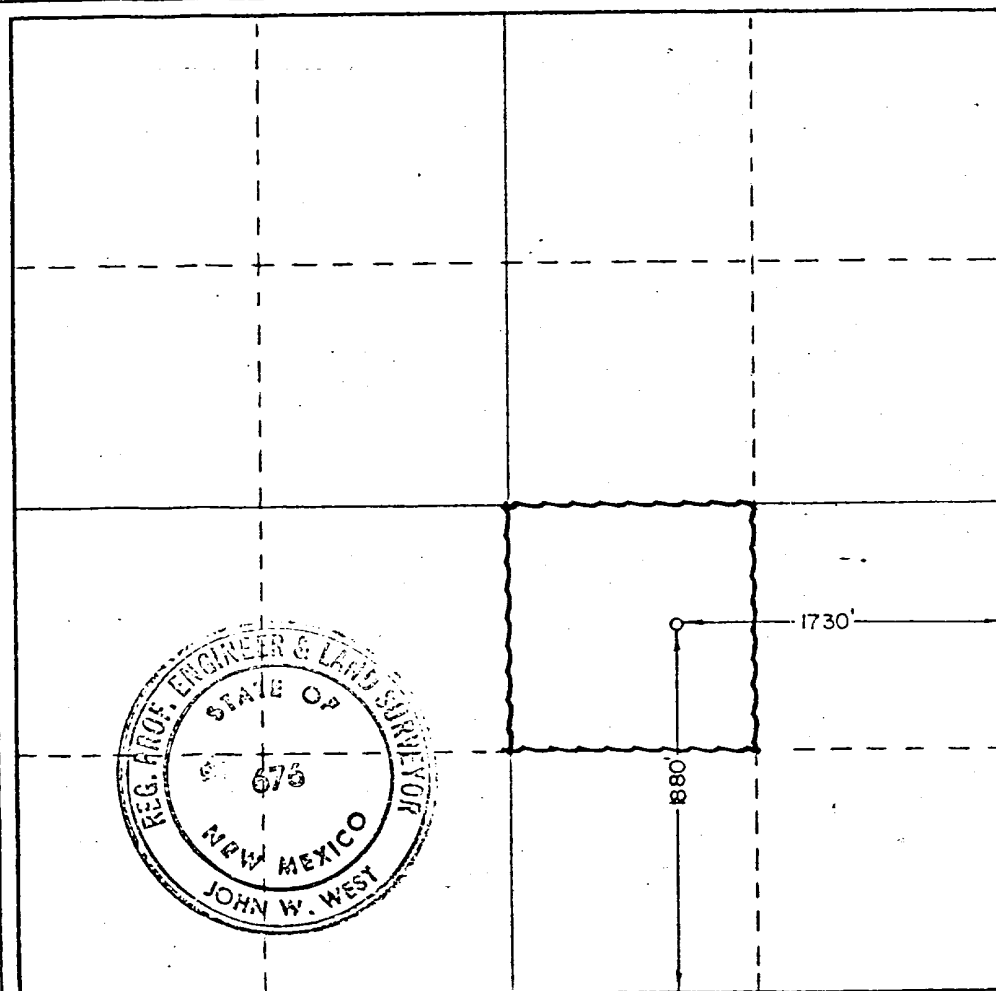
Operator AMOCO Production Co.		Lease State A		Well No. 38
Unit Letter J	Section 4	Township 19 South	Range 38 East	County Lea
Actual Footage Location of Well: 1880 feet from the South line and 1730 feet from the East line				
Ground Level Elev. 3608.8	Producing Formation Seven Rivers	Pool Bowers Seven Rivers	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

Ray Cox

Position

Administrative Supervisor

Company

Amoco Production Company

Date

8-7-80

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

July 29, 1980

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. **JOHN W. WEST 076**
PATRICK A. ROMERO 4668
Ronald J. Eidson 3239

0 330 660 990 1320 1650 1980 2310 2640 2000 1800 1000 800 0

State A #38
J 4 19 38 Lea, Co.

NEW-TEX LAB
P.O. BOX 1161
HOBBS NM 88241-1161
505-393-3561

ANALYSIS NUMBER: 6146
DATE OF RUN: 12/03/81
DATE SECURED: 12/03/81

ANALYSIS CERTIFICATE

SAMPLE IDENT: STATE A 3B

CLIENT: AMOCO PRODUCTION CO ATTN: BOB LAROBADIRE
ADDRESS: BOX 68
CITY, STATE: HOBBS NM 88240

SAMPLING PRESS: 0 PSIG SAMPLING TEMP: 0 DEG F

~~STATION NUMBER~~ H2S - NONE DETECTED

***** GAS ANALYSIS *****

	MOLE PERCENT	GAL/ MCF
NITROGEN	26.2812535	
CARBON DIOXIDE	0.0589292	
METHANE	60.5706749	
ETHANE	8.0724287	2.1529200
PROPANE	3.2468655	0.8912650
ISO-BUTANE	0.3301325	0.1077220
NORMAL BUTANE	0.8015580	0.2520100
ISO-PENTANE	0.1383519	0.0505123
NORMAL PENTANE	0.1794641	0.0648583
HEXANES	0.1067317	0.0437814
HEPTANES PLUS	0.2136101	0.0983034
TOTAL	100.0000000	3.6613700

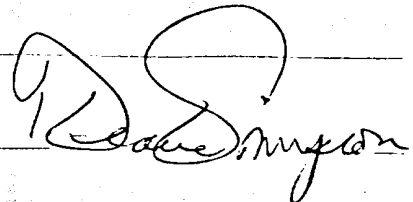
PROPANE GPM: 0.89 BUTANES GPM: 0.36
ETHANE GPM: 2.15 PENTANES PLUS GPM: 0.26

SPECIFIC GRAV (CALC): .7643
MOLE WEIGHT: 22.16

HHV-BTU/CU FT	PRESSURE (PSIA)	WET	DRY
	14.696	887	903
	14.650	884	900
	14.730	889	905
	14.735	889	905

ANALYZED BY:

APPROVED BY:

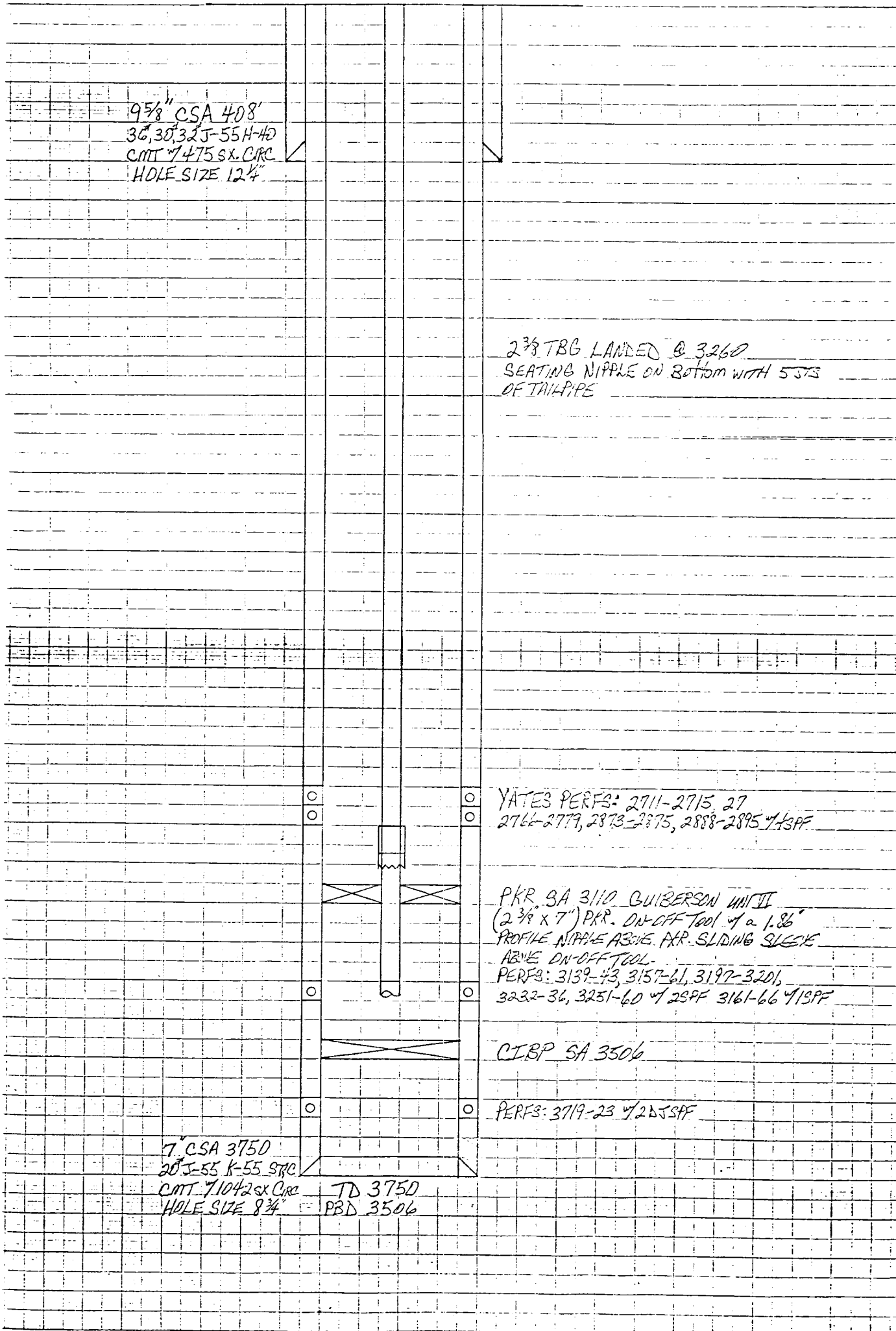


STATE "A" WELL NO. 38
BOWERS SEVEN RIVERS

UNIT J, 1880 FSL, 1730 FEL, SEC. 4, T19S, R38E
LEA COUNTY, N.M.

ELEV: 3608.861
RDS 3619.7

COMPLETED: 2-1-81



AMOCO PRODUCTION COMPANY
 STATE "A" NO. 38
 BOTTOM HOLE PRESSURE FLOWING BUILD-UP TEST.
 TABULATION OF TIMES AND PRESSURES

TEST CONDUCTED BY:
 JOHN WEST ENGINEERING COMPANY

TEST DATE: DECEMBER 4 to 10, 1981
 TEST DEPTH: 2648 Feet
 ELEMENT NO: 18054 (0-3500 psi)
 OPERATOR: R.W.

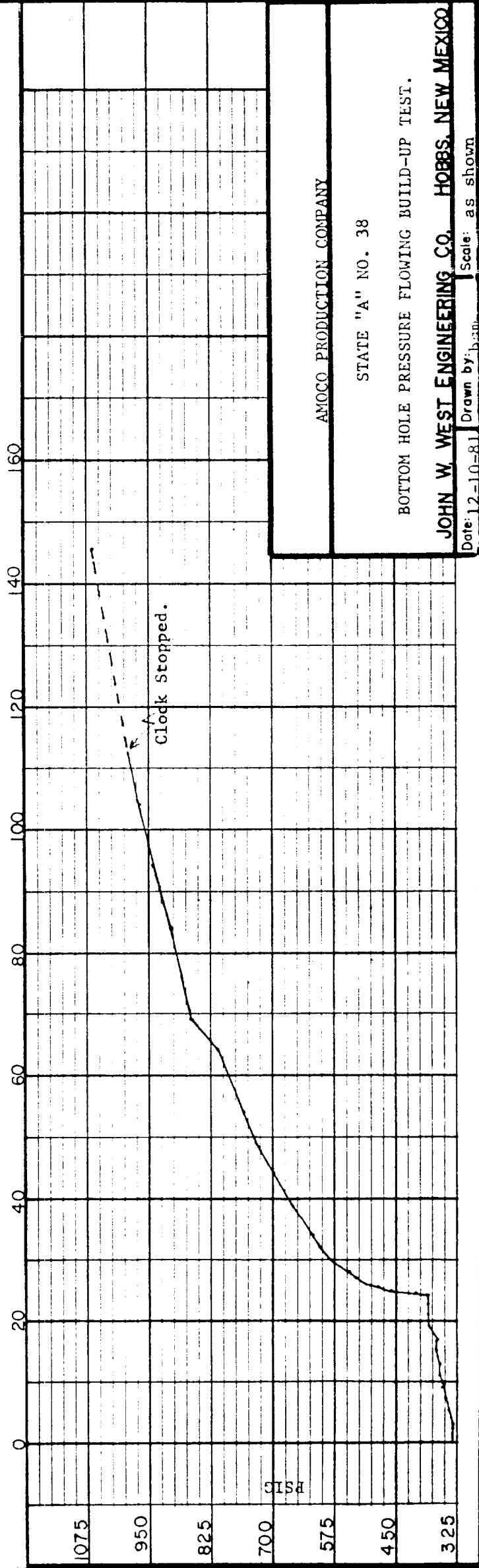
<u>DATE</u>	<u>TIME</u>	<u>CUM HRS. / MIN.</u>	<u>PSIG @ 2648 FEET</u>
12-4-81	7:45 A.M.	00 Hrs. 00 Min.	336 Gauge reached 2648' Flowing
	8:15 A.M.	00 30	336
	8:45 A.M.	01 00	336
	9:45 A.M.	02 00	336
	10:45 A.M.	03 00	336
	12:45 P.M.	05 00	346
	2:45 P.M.	07 00	350
	4:45 P.M.	09 00	357
	6:45 P.M.	11 00	360
	8:45 P.M.	13 00	360
10-4-81	10:45 P.M.	15 00	372
10-5-81	12:45 A.M.	17 00	372
	2:45 A.M.	19 00	378
	4:45 A.M.	21 00	378
	6:45 A.M.	23 00	378
12-5-81	7:45 A.M.	24 00	378 Shut-In
12-5-81	7:45 A.M.	00 Hrs 00 Hrs.	378 Begin Build-Up
	8:15 A.M.	00 30	411
	8:45 A.M.	01 00	458
	9:15 A.M.	01 30	486
	9:45 A.M.	02 00	514
	10:45 A.M.	03 00	528
	11:45 A.M.	04 00	549
	2:45 P.M.	06 00	577
	4:45 P.M.	08 00	602
	6:45 P.M.	10 00	623
12-5-81	11:45 P.M.	15 00	669
12-6-81	4:45 A.M.	20 00	699
	9:45 A.M.	25 00	732
12-6-81	2:45 P.M.	30 00	759
12-7-81	12:45 A.M.	40 00	812
	10:45 A.M.	50 00	870
12-7-81	8:45 P.M.	60 00	905
12-8-81	6:45 A.M.	70 00	945
12-8-81	4:45 P.M.	80 00	974
12-9-81	12:45 A.M.	88 00	995 Clock Stopped
10-10-81	9:15 A.M.	121 30	1061 Gauge out to run Gradient Stops.

TEST DATE: DECEMBER 4 to 10, 1981
TEST DEPTH: 2648 FEET

ELEMENT NO: 18054
RANGE: 0-3500 PSI
CLOCK NO: 20529
RANGE: 0-180 Hours

NOTE: See tabulation of Times and Pressures on attached sheet.

TIME IN HOURS



JOHN W. WEST ENGINEERING COMPANY
412 NORTH DAL PASO, HOBBS, NEW MEXICO

TELEPHONES 393-3942
393-3117

BOTTOM HOLE PRESSURE SURVEY REPORT

OPERATOR AMOCO PRODUCTION COMPANY
LEASE STATE "A"
WELL NO. 38
FIELD _____
DATE 12-10-81 TIME 8:30 A.M.
STATUS Shut-In TEST DEPTH 2648 Feet
TIME S.I. 121/30Hrs LAST TEST DATE _____
CAS. PRES. _____ BHP LAST TEST _____
TUB. PRES. 972 psi BHP CHANGE _____
ELEV. _____ FLUID TOP _____
DATUM _____ WATER TOP _____
TEMP _____ RUN BY R.W.
CLOCK NO. 20529 GAUGE NO. 19389
ELEMENT NO. 18054 (0-3500 psi)

DEPTH	PRESSURE	GRADIENT
000	972	
500	988	.032
1000	1005	.034
1500	1021	.032
2000	1039	.036
2200	1044	.025
2400	1050	.030
2648	1061	.044

