

CURRENT DOWNHOLE EQUIPMENT
SHELL-STATE SEC. 2, WELL NO. 15
3546' FNL & 1650' FWL SEC. 2, T-21-S, R-37-E
LEA COUNTY, NEW MEXICO
DOWNHOLE SCHEMATIC

ELEV. : 3502' D.F.

ZERO : 8 5/8" CHF + 11.7'

T.D. : 8147'

PBTD : 6570'

13 3/8", 32.4# @ 223'

CMT'D. TO SURFACE W/250 SX.

← TOP LINER @ 3006'

8 5/8", 32# @ 3148'

CMT'D. TO SURFACE W/1600 SX.

← 2 3/8" TUBING

← TUBB PERFORATIONS 6381'-6500'

← CIBP @ 6570' CAP W/1 SX. CMT.

← ABO PERFORATIONS 7048'-7255'

← CIBP @ 7480' CAP W/1 SX. CMT.

← CIBP @ 7910' CAP W/1 SX. CMT.

5 1/2", 15.5# @ 8010'

CMT'D. W/800 SX.

ELLENBURGER OPEN HOLE 8010'-8090'

PBTD 8090'

T.D. 8147'

BEFORE EXAMINER STAMETS	
OIL CONSERVATION COMMISSION	
Shell	EXHIBIT NO. 2-A
CASE NO. 6164	
Submitted by B.W. Best	
Hearing Date February 22, 1978	

PROPOSED DOWNHOLE EQUIPMENT
SHELL-STATE SEC. 2, WELL NO. 15
3546' FNL & 1650' FWL SEC. 2, T-21-S, R-37-E
LEA COUNTY, NEW MEXICO
DOWNHOLE SCHEMATIC

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2 3/8" 8 RD. E.U.E. TBG.

ROD PUMP

BPMA

TUBB PERFORATIONS 6381'-6500'

ABO PERFORATIONS 7048'-7255'

5 1/2", 15.5 # @ 8010'
CMT'D. W/800 SX.

ELLENBURGER OPEN HOLE 8010'-8090'

PBTD 8090'
T.D. 8147'

*Tbg to be
run to
Ellenburger*

BEFORE EXAMINER STAMETS
OIL CONSERVATION COMMISSION
Shell EXH. NO. 2-B
CASE NO. 6664
Submitted by B.W. Best
Hearing Date February 22, 1978

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 1-1-65

Operator		Pool		County													
SHELL OIL COMPANY		TUBB		LEA													
Address P. O. BOX 1509, MIDLAND, TEXAS 79702				TYPE OF TEST - (X) ☒ Scheduled ☐													
LEASE NAME		WELL NO.	LOCATION U S T R		DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	Completion ☐ Special ☒							
State Sec. 2		15	K	2	21	37	11-1-77	P	-	-	7	24	Trace	36.8	5	34	6,800

BEFORE EXAMINER STAMETS
OIL CONSERVATION COMMISSION

Shell EXHIBIT NO. 3-A

CASE NO. 61624

Submitted by R.W. Best

Hearing Date February 22, 1978

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

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

R. J. Coenen R. J. Coenen
(Signature)
Division Production Superintendent

(Title)

NEW MEXICO OIL CONSERVATION COMMISSION
GAS - OIL RATIO TESTS

C-116
Revised 1-1-63

Operator		Pool			County											
SHELL OIL COMPANY		TUBB AND WANTZ-ABO			LEA											
Address		P. O. BOX 1509 MIDLAND, TEXAS 79702			TYPE OF TEST - (X) ☐ Scheduled ☒ Special											
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	T.B.G. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	Completion ☐			GAS - OIL RATIO CU.FT./BBL			
		U	S	T						R	Special ☒					
State Sec. 2	15	K	2	21	37	11-16-77	P	-	-	Test	24	1	35.1	8	45	5,625
BEFORE EXAMINER STAMETS OIL CONSERVATION COMMISSION Shell EXHIBIT NO. 3-B CASE NO. 66164 Submitted by B.W. Best Hearing Date February 23, 1978																

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R. J. Coenen R. J. Coenen
(Signature)
Division Production Superintendent

(Title)

NEW MEXICO OIL CONSERVATION COMMISSION
GAS - OIL RATIO TESTS

C-116
Revised 1-1-63

Operator SHELL OIL COMPANY		Pool TUBB, WANTZ-ABO AND BRUNSON				County LEA									
Address P. O. BOX 1509 MIDLAND, TEXAS 79702				TYPE OF TEST - (X) ☒ TEST - (X)		Scheduled ☐		Completion ☐		Special ☒					
LEASE NAME	WELL NO.	LOCATION U S T R			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST WATER BBL'S GRAV. OIL BBL'S GAS M.C.F. GAS - OIL RATIO CU.FT/BBL					
State Sec. 2	15-K	2	21	37	12-7-77	P	-	-	Test	24	22	36.8	17	50	2,941

DEFORE EXAMINER STAMPS
OIL CONSERVATION COMMISSION

Shell 61604 8-C

CASF NO. 61604

Submitter B.W. Best

Hearing Date February 22, 1978

Chamberlain → 9 5

No well will be assigned an allowable greater than the amount of oil produced on the official test.

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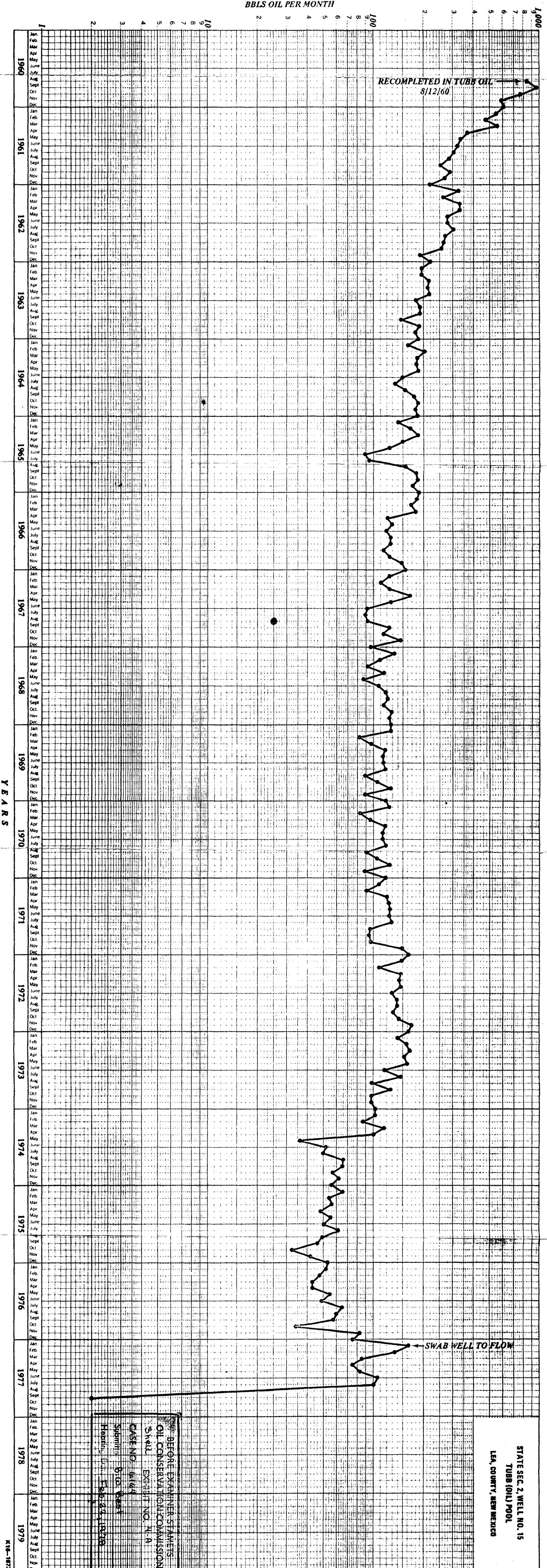
Report casing pressure in lieu of tubing pressure for any well producing through casing.

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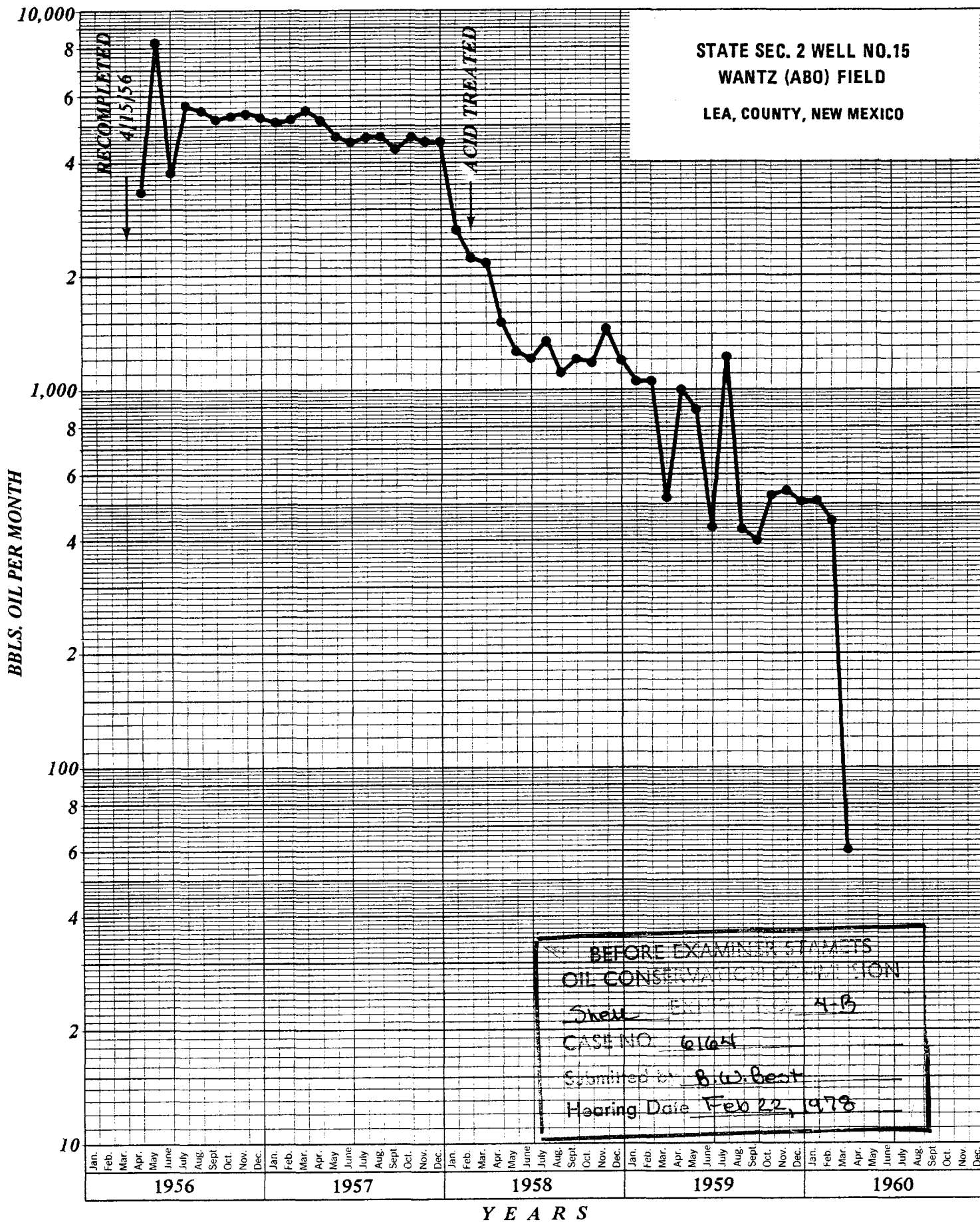
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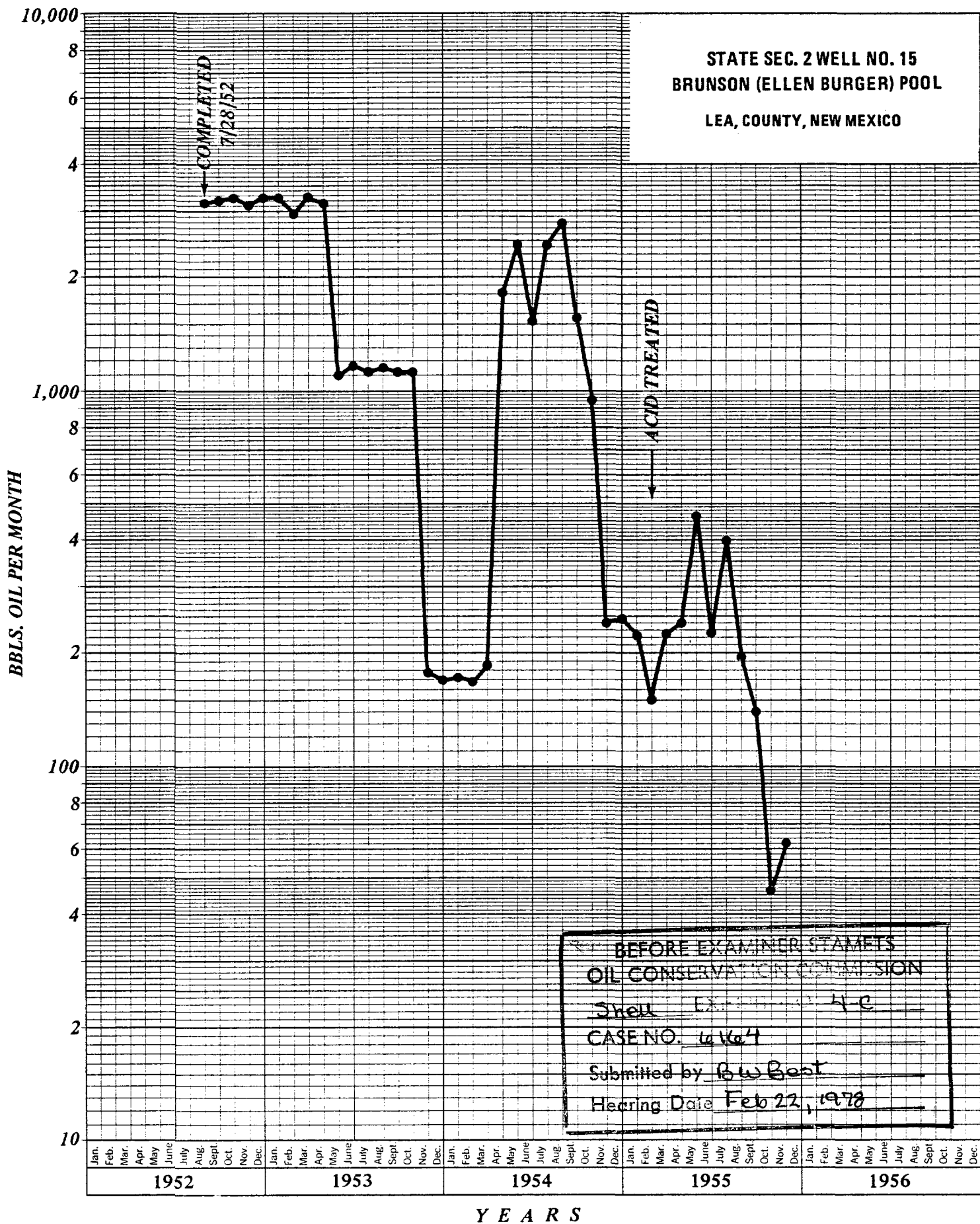
R. J. Coenen
(Signature) R. J. Coenen
Division Production Superintendent
(Title)

BBLs OIL PER MONTH



YEARS





STATE SEC. 2 WELL NO. 15
PRODUCTION RATE AND CUMULATIVE
PROPOSED COMMINGLED POOLS

<u>YEAR</u>	<u>TUBB (OIL) PRODUCTION</u>												<u>YEAR</u>	
	<u>JAN.</u>	<u>FEB.</u>	<u>MARCH</u>	<u>APRIL</u>	<u>MAY</u>	<u>JUNE</u>	<u>JULY</u>	<u>AUG.</u>	<u>SEPT.</u>	<u>OCT.</u>	<u>NOV.</u>	<u>DEC.</u>	<u>TOTAL</u>	<u>CUM.</u>
1960								843	949	765	592	612	3,761	3,761
1961	546	477	562	366	336	319	305	287	253	289	270	221	4,231	7,992
1962	324	262	330	328	282	283	297	267	257	256	189	218	3,293	11,285
1963	196	196	217	211	215	180	190	191	147	187	178	186	2,326	13,611
1964	161	203	187	179	186	151	135	156	177	187	179	186	2,087	15,698
1965	141	168	187	150	125	89	93	155	180	186	171	185	1,830	17,528
1966	182	169	180	120	128	119	124	124	114	125	149	155	1,689	19,217
1967	125	111	124	167	127	91	89	91	127	114	145	95	1,406	20,623
1968	133	109	91	116	87	109	117	122	114	128	125	128	1,379	22,002
1969	115	82	126	94	128	127	137	102	121	86	119	102	1,339	23,341
1970	126	81	95	117	113	112	117	89	105	128	89	119	1,291	24,632
1971	107	90	120	122	125	125	129	95	93	96	149	161	1,412	26,044
1972	148	107	148	142	144	129	138	139	133	143	169	165	1,705	27,749
1973	138	157	166	151	159	114	148	97	127	98	98	101	1,554	29,303
1974	102	86	116	101	36	52	50	66	65	57	62	55	848	30,151
1975	65	54	56	48	55	50	61	49	46	32	42	53	611	30,762
1976	52	48	43	43	54	49	65	60	58	34	83	74	663	31,425
1977	164	133	85	75	82	105	100	2						

BEFORE EXAMINER STAMETS	
OIL CONSERVATION COMMISSION	
Shell	Case No. 5-A
CASE NO. 6164	Submitted by Bud Best
Hearing Date Feb 22, 1978	

STATE SEC. 2 WELL NO. 15
PRODUCTION RATE AND CUMULATIVE
PROPOSED COMMINGLED POOLS

WANTZ ABO PRODUCTION

<u>YEAR</u>	<u>JAN.</u>	<u>FEB.</u>	<u>MARCH</u>	<u>APRIL</u>	<u>MAY</u>	<u>JUNE</u>	<u>JULY</u>	<u>AUG.</u>	<u>SEPT.</u>	<u>OCT.</u>	<u>NOV.</u>	<u>DEC.</u>	<u>YEAR</u> <u>TOTAL</u>	<u>CUM.</u>
1956				335	824	372	574	556	521	527	530	524	4,763	4,763
1957	513	520	549	515	465	451	465	465	429	464	455	453	5,744	10,507
1958	261	222	216	149	125	120	134	110	120	118	146	119	1,840	12,347
1959	104	104	52	99	88	43	123	43	40	53	54	51	854	13,201
1960	51	45	6										102	13,303

BEFORE EXAMINER STAMETS

OIL CONSERVATION COMMISSION

Shell EX-1507 NO. 5-B

CASE NO. 6164

Submitted By Best

Hearing Date Feb 22, 1978

STATE SEC. 2 WELL NO. 15
PRODUCTION RATE AND CUMULATIVE
PROPOSED COMINGLED POOLS

BRUNSON ELLENBURGER PRODUCTION

YEAR	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	YEAR	
													TOTAL	CUM.
1952								3147	3190	3259	3100	3251	15,947	15,947
1953	3232	2947	3274	3193	1101	1188	1118	1147	1110	1116	179	169	19,774	35,721
1954	173	168	186	1840	2480	1520	2445	2817	1569	946	240	248	14,632	50,353
1955	223	149	224	240	465	224	399	196	139	46	62		2,367	52,720

BEFORE EXAMINER STAMETS

OIL CONSERVATION COMMISSION

Shell

CASE NO. 66164

Submitted By Geo Best

Hearing Date Feb 22, 1978

S-C

SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS

SIMULTANEOUS

Gamma Ray-Neutron

COUNTY <u>Lea</u> FIELD or LOCATION <u>Brunson</u> WELL <u>State # 15</u> COMPANY <u>Shell Oil Company</u>	COMPANY <u>SHELL OIL COMPANY</u>	Location of Well 3546' f NL 1650' f WL Sec. 2-21S-37E
	WELL <u> </u> STATE # <u>15</u>	
	FIELD <u>BRUNSON</u>	GRN
	LOCATION <u>SEC. 2-21S-37E</u>	
	COUNTY <u>LEA</u>	Elevation: D.F.: <u>3502</u> K.B.: <u> </u> or G.L.: <u>3490</u>
	STATE <u>NEW MEXICO</u>	FILING No. <u> </u>

RUN NO.			
Date		<u>12-21-55</u>	
Depth Reference		KB <u>2' Adv. GL</u>	
First Reading		<u>8073</u>	
Last Reading		<u>100</u>	
Footage Measured		<u>7973</u>	
Max. Depth Reached		<u>8074</u>	
Bottom Driller		<u>8085</u>	
Maximum Temp. °F.			
Mud: Nature		<u>NONE</u>	
" Density			
" Viscosity			
" Resistivity		@ °F.	@ °F.
Casing Size & Weight	1	<u>8 5/8" to 3148</u>	to
	2	<u>5 1/2" to 8006</u>	to
Open Hole	1	<u>4 3/4" to 8074</u>	to
	2	to	to
Fluid Level		<u>None</u>	
Recording Speed (ft/hr)		<u>2000' & 4000'</u>	
Sensitivity Tap		GR) <u>150</u> NY <u>400/600</u> GR)	N)
Time Constant			
Panel		<u>GNP-C # 99</u>	
Opr. Rig Time		<u>3 Hrs.</u>	
Sonde Size & Type		<u>3 5/8"</u>	BEFORE EXAMINER STAMETS
Truck No.		<u>2704-Hobbs</u>	OIL CONSERVATION COMMISSION
Observer		<u>Gathey</u>	Shell Co

CASE NO 6164
 Subm. BW Best
 Hearing Feb 22, 1978