

Caliburton
OIL WELL CEMENTING CO.

RADIOACTIVITY LOG

NATURAL GAMMA RADIATION INDUCED GAMMA RADIATION

COMPANY SHELL OIL CO.	FILE	STATE F#2	FIELD	FIELD	County		
COMPANY SHELL OIL COMPANY	FILE	STATE F#2	FIELD	FIELD	Lea State N. Mex.		
WELL	STATE	F#2	FIELD	FIELD			
FIELD	EUNICE		COUNTY	Lea			
COUNTY	Lea	STATE	New Mex.	GR-NG			
SEC.	6	TWP.	21-S	RGE.	36-F		
SURVEY	A30074 31						
Location	Lot	10	Sec.	6	Twp.		
	Rge.	36-E					
	Elevi	D.F.	3580'	K.B.			
	Grd.	3571'					
Log Measured From	Derrick	Floor	Elevation	3580'			
Drilling Measured From	Derrick	Floor	Elevation	3580'			
Permanent Datum	Ground	Level	Elevation	3571'			
<table border="1"> <tr> <td>270</td> <td>Perforations</td> </tr> </table>						270	Perforations
270	Perforations						

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
E.P. EXHIBIT NO. 4
CASE NO. 3662

Jul 25



MCCULLOUGH TOOL COMPANY



RADIATION LOG

BEFORE EXAMINER NUTTER

CONSERVATION COMMISSION

C.A. NO. 2611

Location of Well
 3622' FWL -
 1980' FWL - SIB
 6 - 21 - 36

COMPANY: EL PASO NATURAL GAS COMPANY
 WELL: SHELL STATE #9
 FIELD: KUMONT
 COUNTY: LRA STATE: NEW MEXICO
 LOCATION: _____

COMPANY: EL PASO NATURAL GAS
 CO. WELL: SHELL STATE # 9
 FIELD: KUMONT
 COUNTY: LRA STATE: N. MEX
 LOCATION: _____

Log Meas. From 1' ABOVE ROTARY TABLE Elev. 3566.2
 Drig. Meas. From SAME Elev. _____
 Perm. Datum ROTARY TABLE 9.61 ABOVE G. L. Elev. 3535.664

Rec. Trk. No. 955 Trk. No. 1008 Trk. Opr. TEAGUE Ticket No. 98028
 Total Depth (Driller) 3530' Effective Depth (Driller) 3522.5'
 Type of Fluid in Hole MUD-9.4# VIS. 35 Fluid Level FULL
 Maximum Recorded Temp. _____ Length of Device—Overall 10.5'
 O.D. of Instrument—In. 3.5" Instrument No. PDL-#4
 Neutron Source # N-01 Spacing 19.5"-2.5 % Setting _____
 Recorded By MASSEY Witnessed By MR. W. C. STANFIELD

Type of Log	GAMMA RAY	GAMMA RAY	NEUTRON	NEUTRON
Run No.	ONE - 5"	TWO - 2"	THREE - 5"	FOUR - 2"
Date	<u>11-2-54</u>			
Top of Logged Interval	<u>2500'</u>	<u>0'</u>	<u>2500'</u>	<u>0'</u>
Bottom of Logged Interval	<u>3527'</u>	<u>3527'</u>	<u>3527'</u>	<u>3527'</u>
Time Constant	<u>3S-200-250CTS. (0-6)</u>		<u>3S-305-500CTS. (G-4)</u>	
Counter No.				
Logging Speed Ft./Min.	<u>35 FT./MIN.</u>	<u>64 FT./MIN.</u>	<u>35 FT./MIN.</u>	<u>65 FT./MIN.</u>
Statistical Variation—In.				
Sensitivity—Micro-Roentgens	<u>2.9 HR./IN.</u>	<u>2.9 HR./IN.</u>		

CASING RECORD (Customers)			OPEN (BORE) HOLE RECORD		
Run No.	Size-In.	Wt.-lb.	Interval	Bit Size-In.	Interval
	<u>8 5/8</u>		<u>0' to 1150'</u>	<u>11 3/4</u>	to
			to	<u>7 7/8</u>	<u>1150' to 3530'</u>
			to		to
			to		to
			to		to

REMARKS OR OTHER DATA

**LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE**

R-36-E

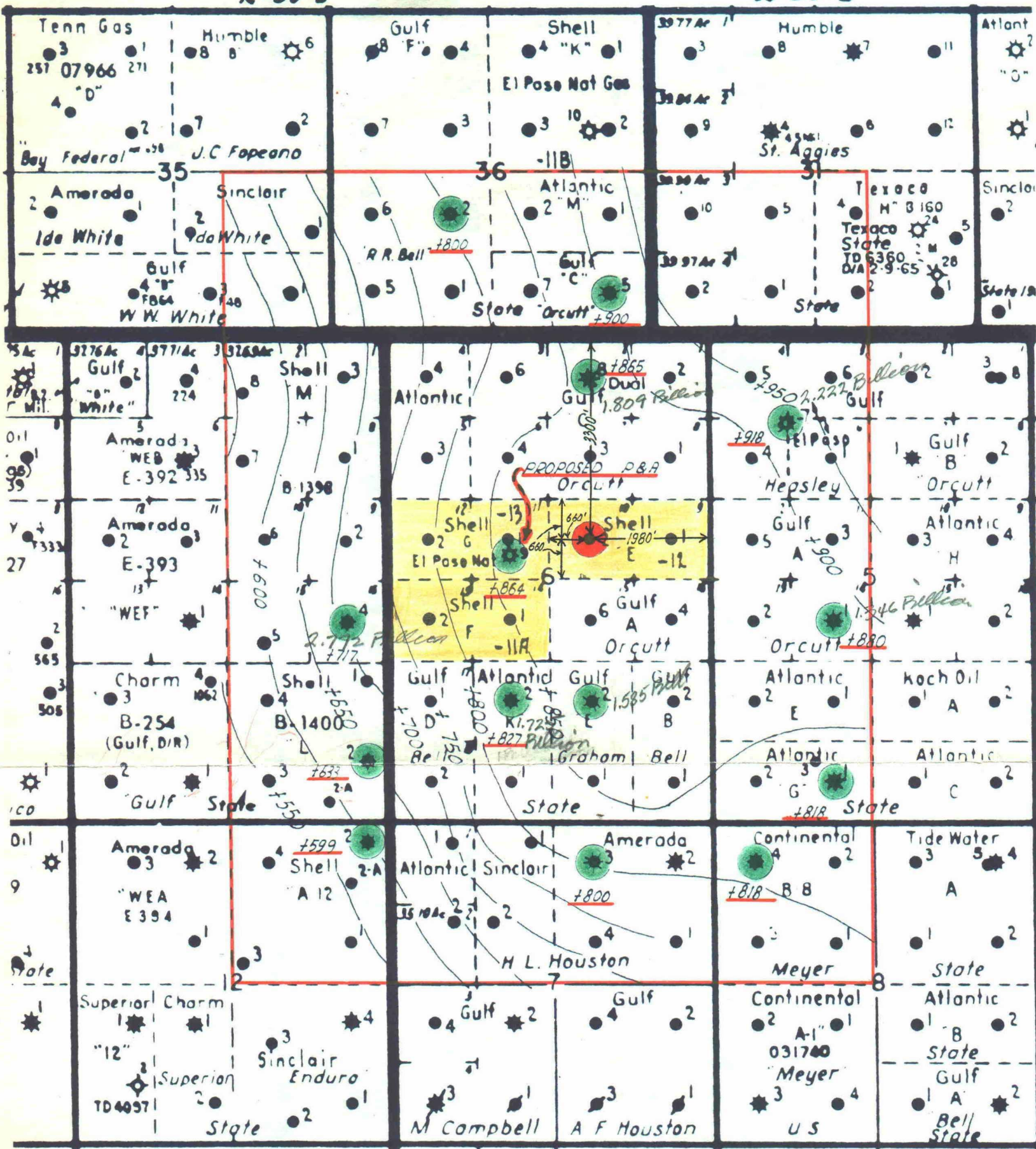
R-37-E

T
20
S

T
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R-35-E
Queen Flood to 1-1-67

R-36-E



WELL ASSIGNED TO EUMONT (QUEEN) GAS FIELD



PROPOSED WORKOVER

BEFORE EXAMINER NUTTER
 OIL CONSERVATION COMMISSION
 E.P. EX. NO. 2
 CASE NO. 3662

EL PASO NATURAL GAS COMPANY
 EXPLORATION - GEOLOGICAL DEPT.
 SOUTHWEST REGION

SUBSURFACE STRUCTURE CONTOUR MAP
 CONTOUR DATUM: TOP YATES SANDSTONE
 CONTOUR INTERVAL: 50'
 SCALE: 1" = 2000'

DATE September 1967

GEOLOGY BY W. Edgell

#9
 build Oct 54
 3527' Gas
 Comp 11/6
 as Queen
 gas
 3368-3527
 550-3368
 20 million/day
 923 psi SIP
 1460 re-worked
 PB 3471
 acidified w
 2000 gas
 production
 very poor
 since
 993.6 million
 cum prod.